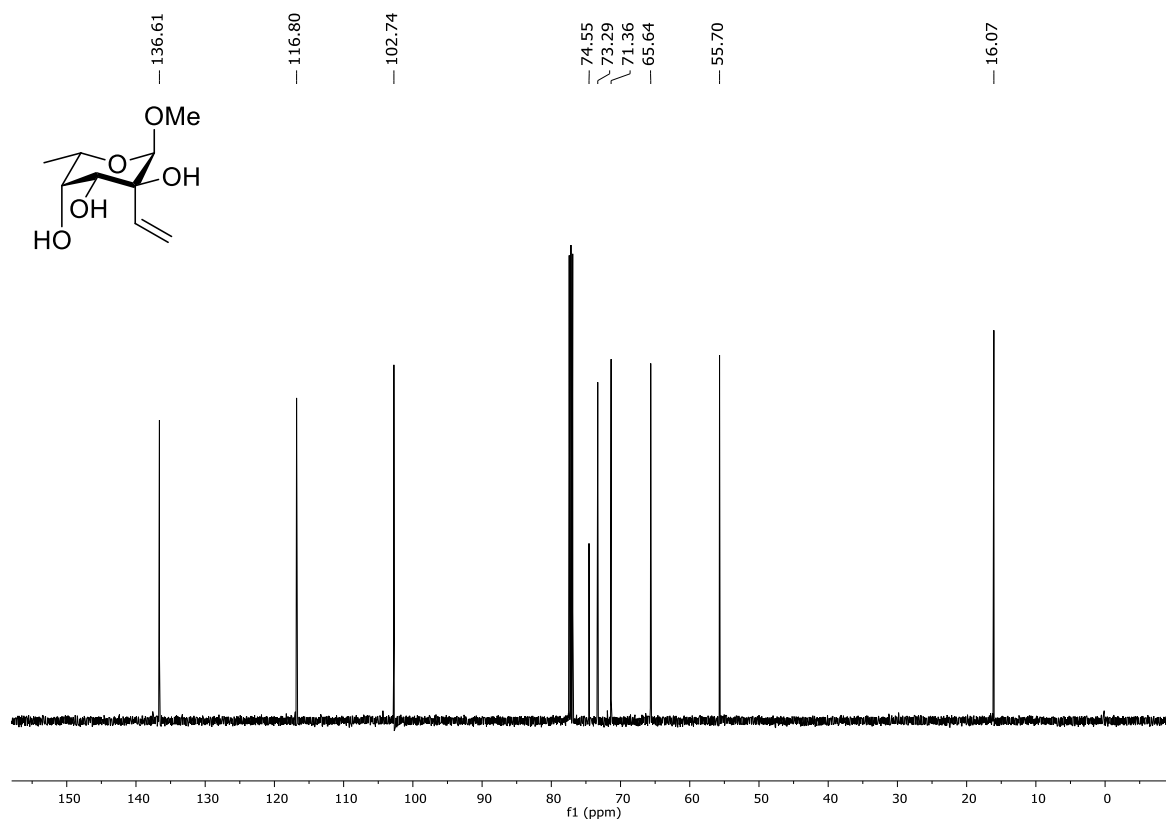
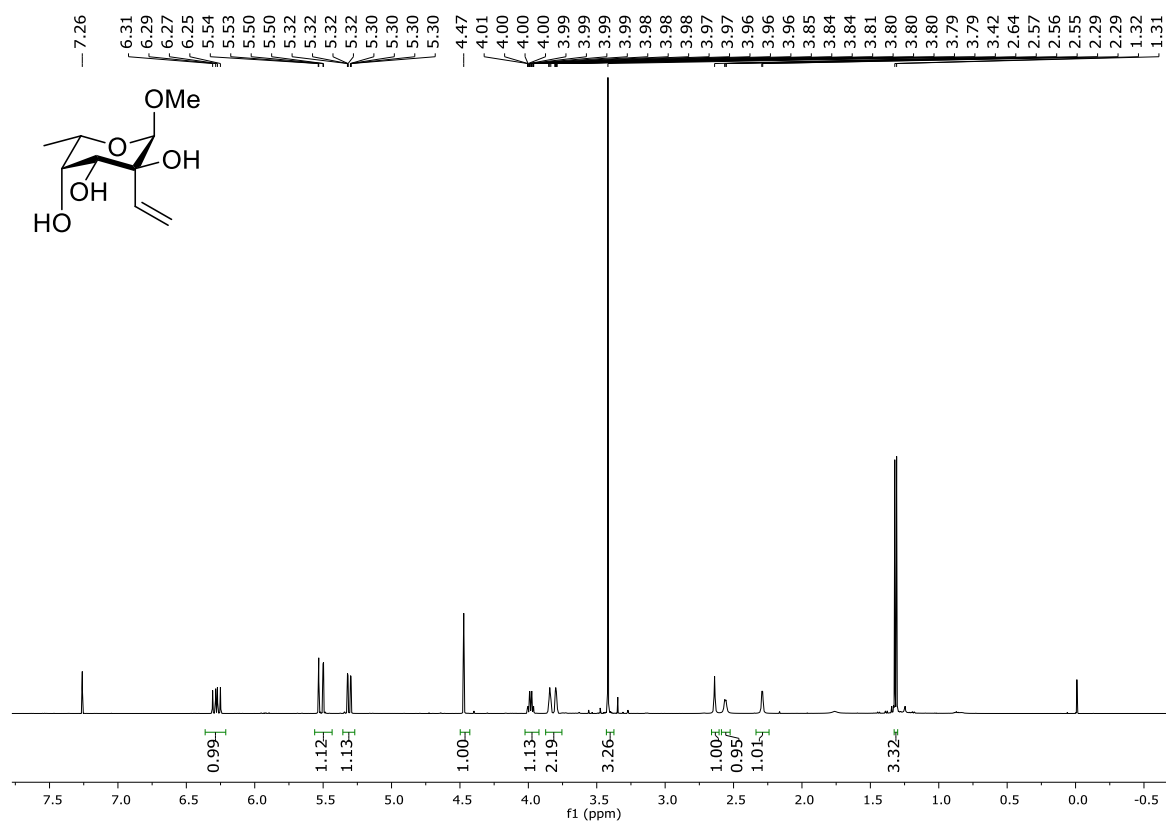
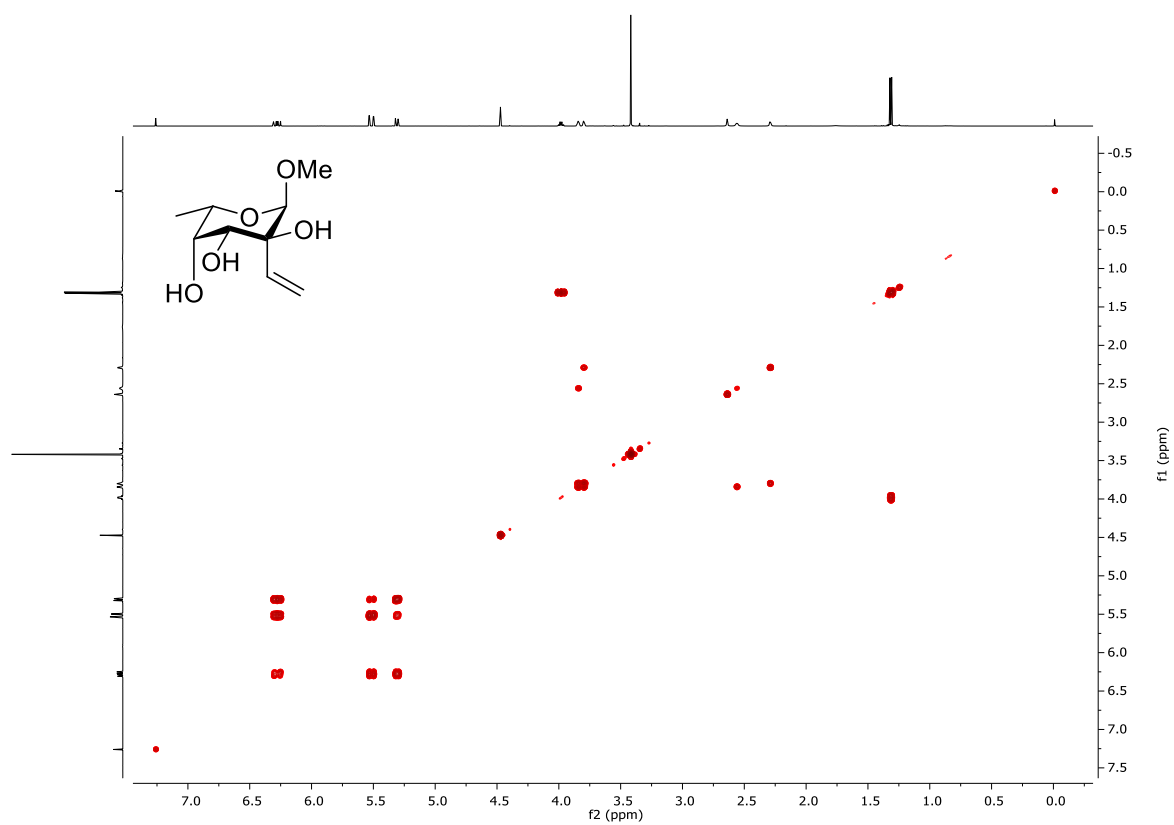
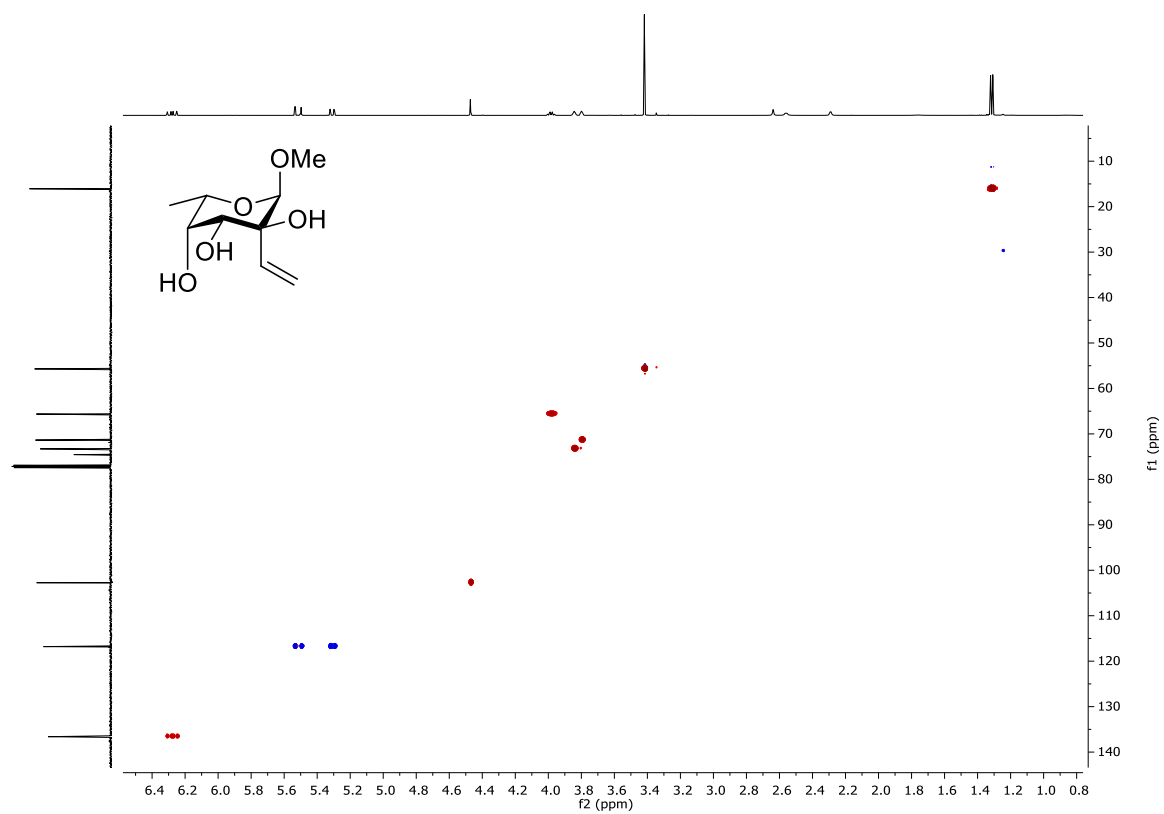
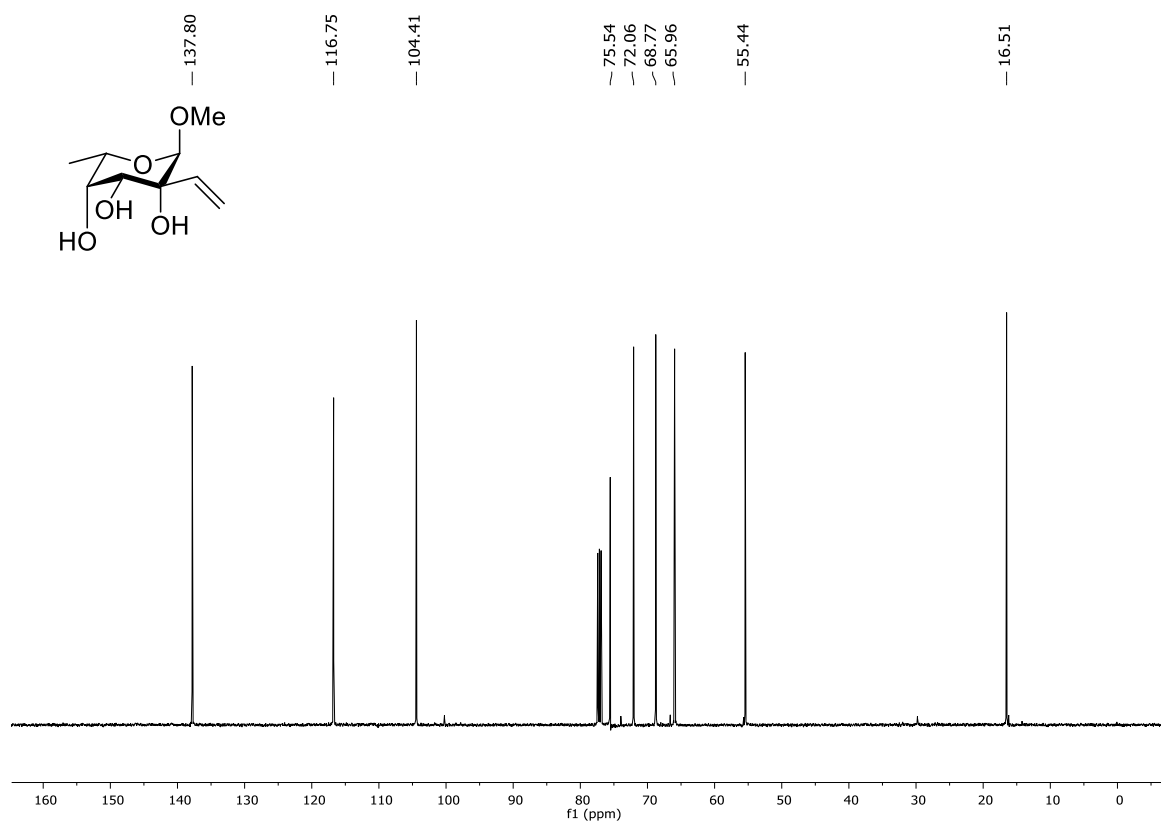
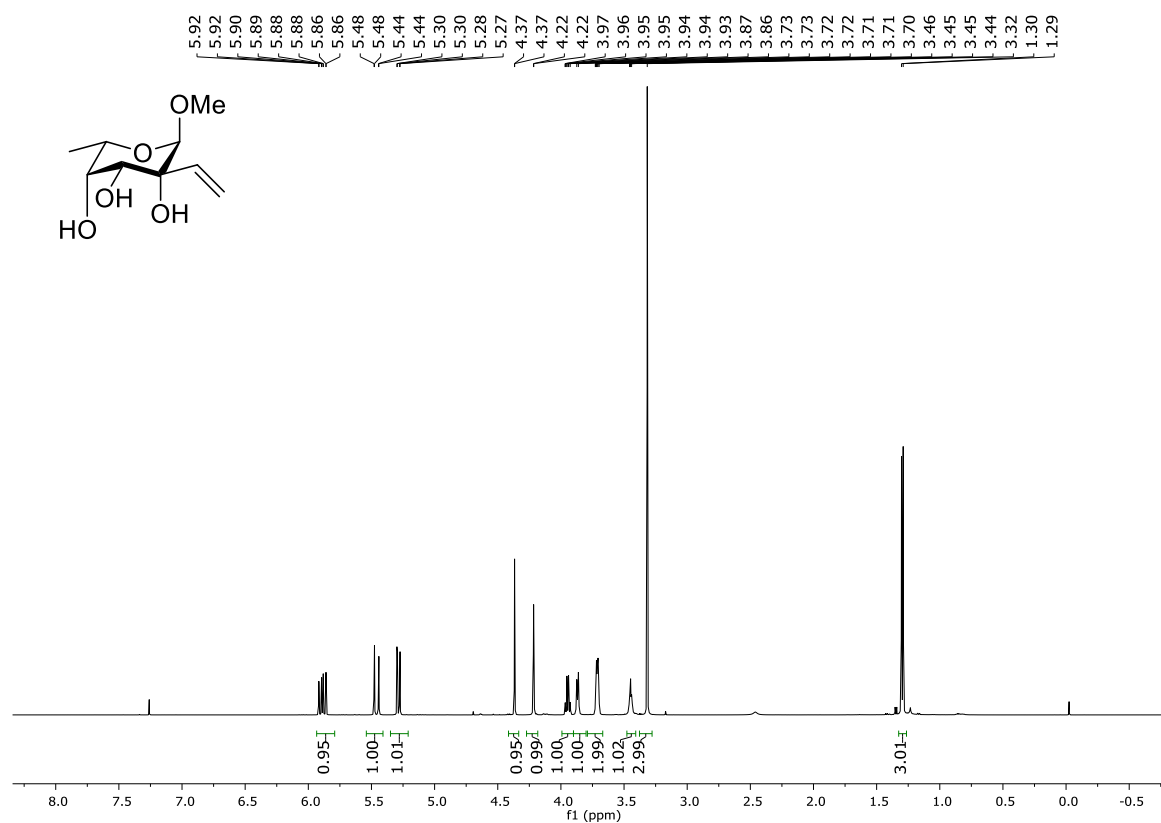


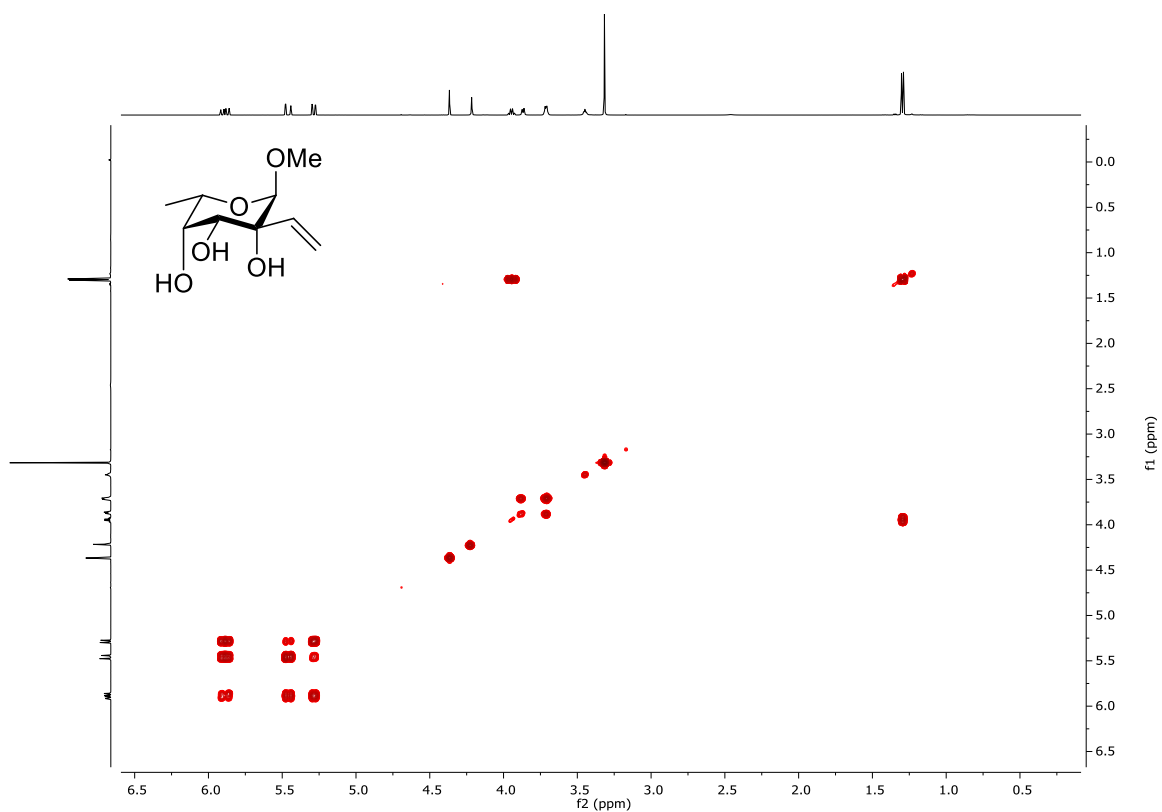
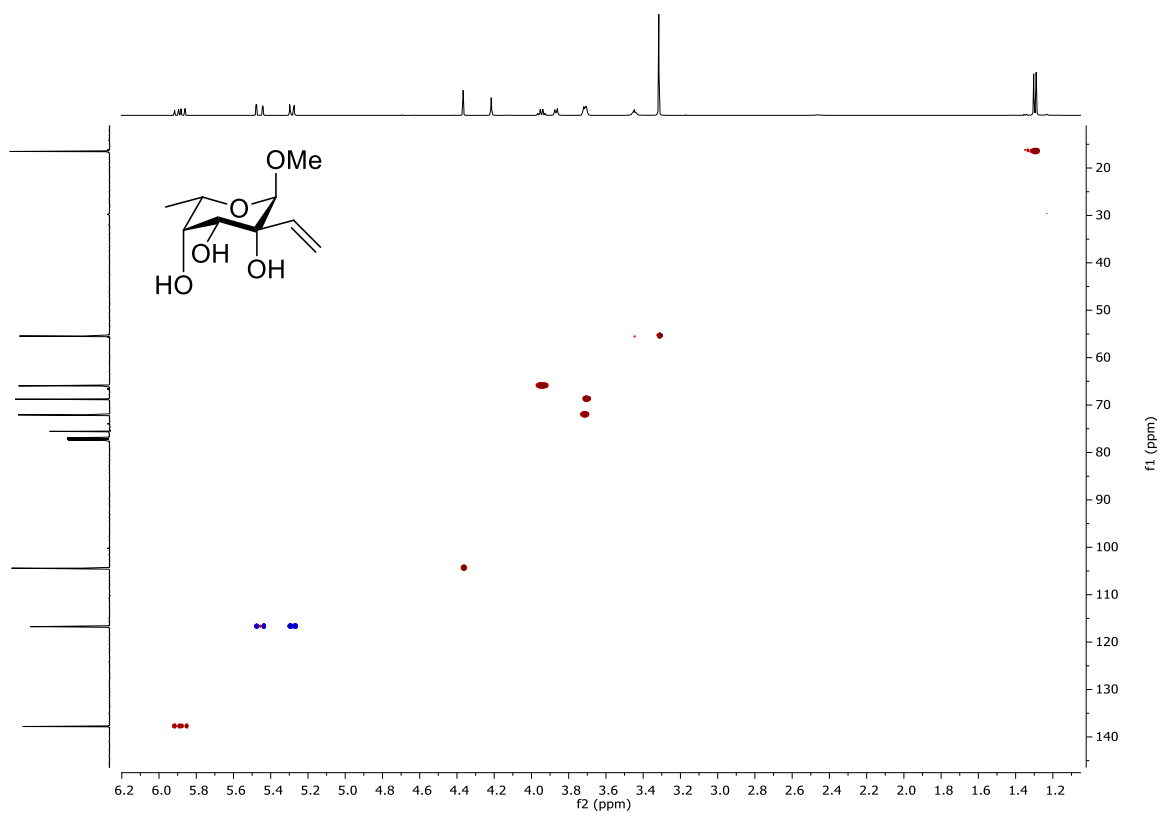
Methyl 2-C-vinyl- α -L-fucopyranoside (8)



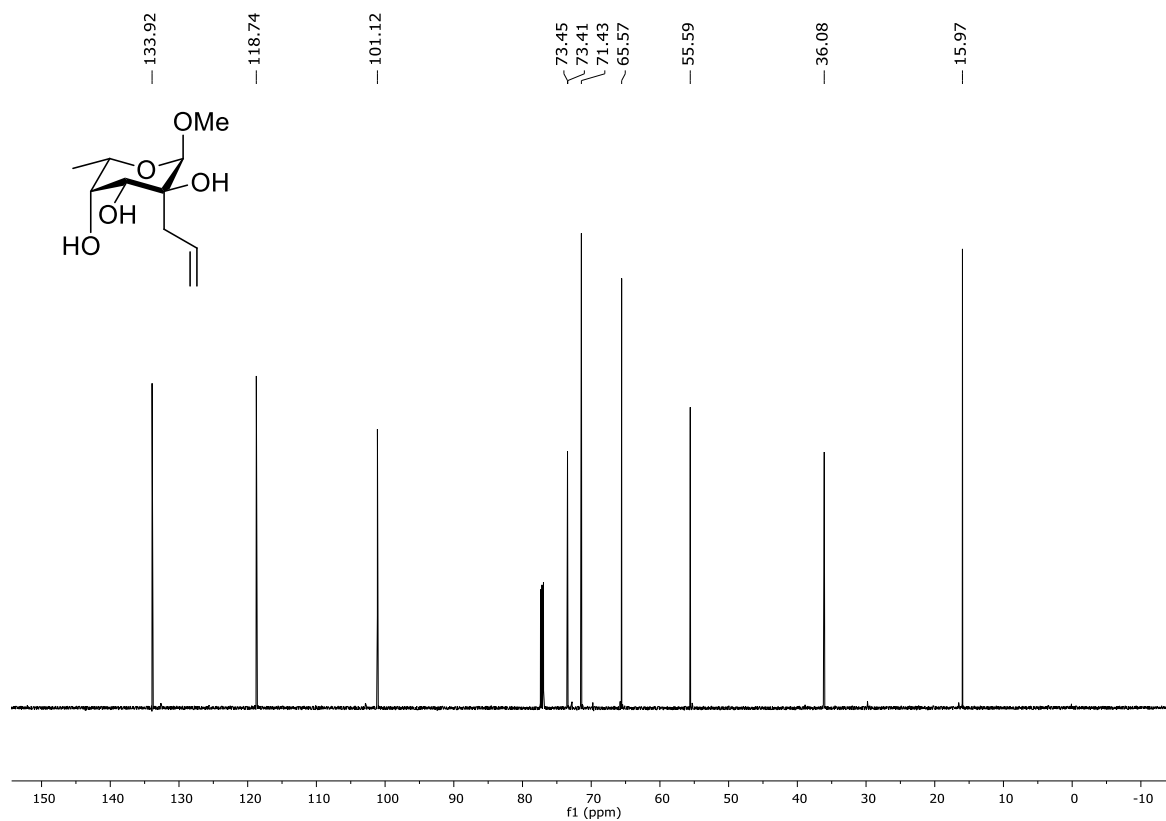
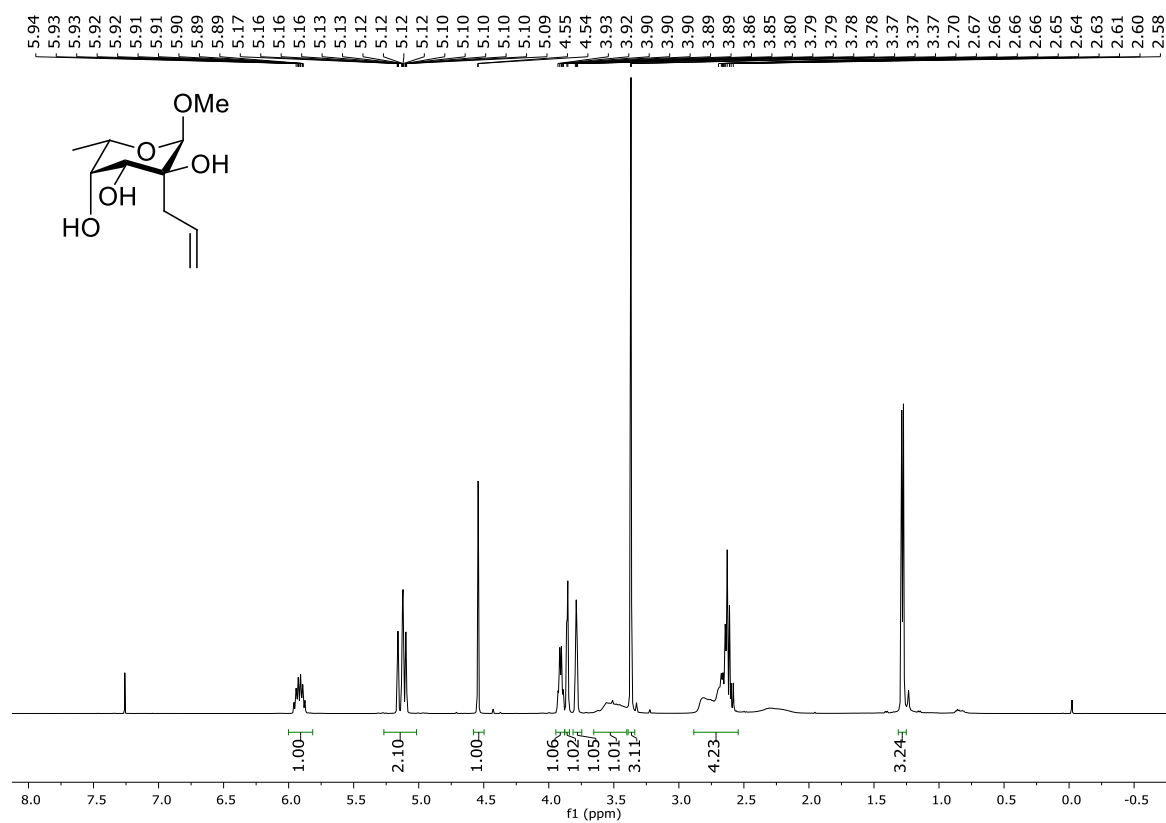


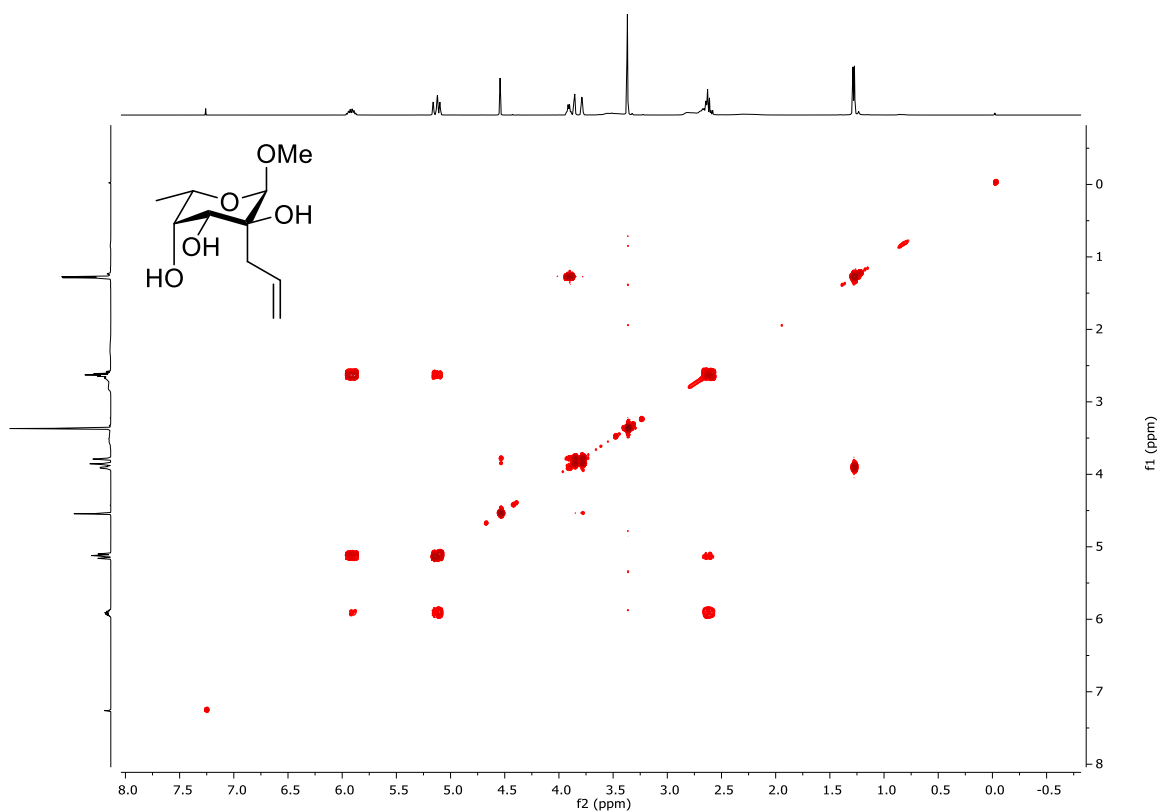
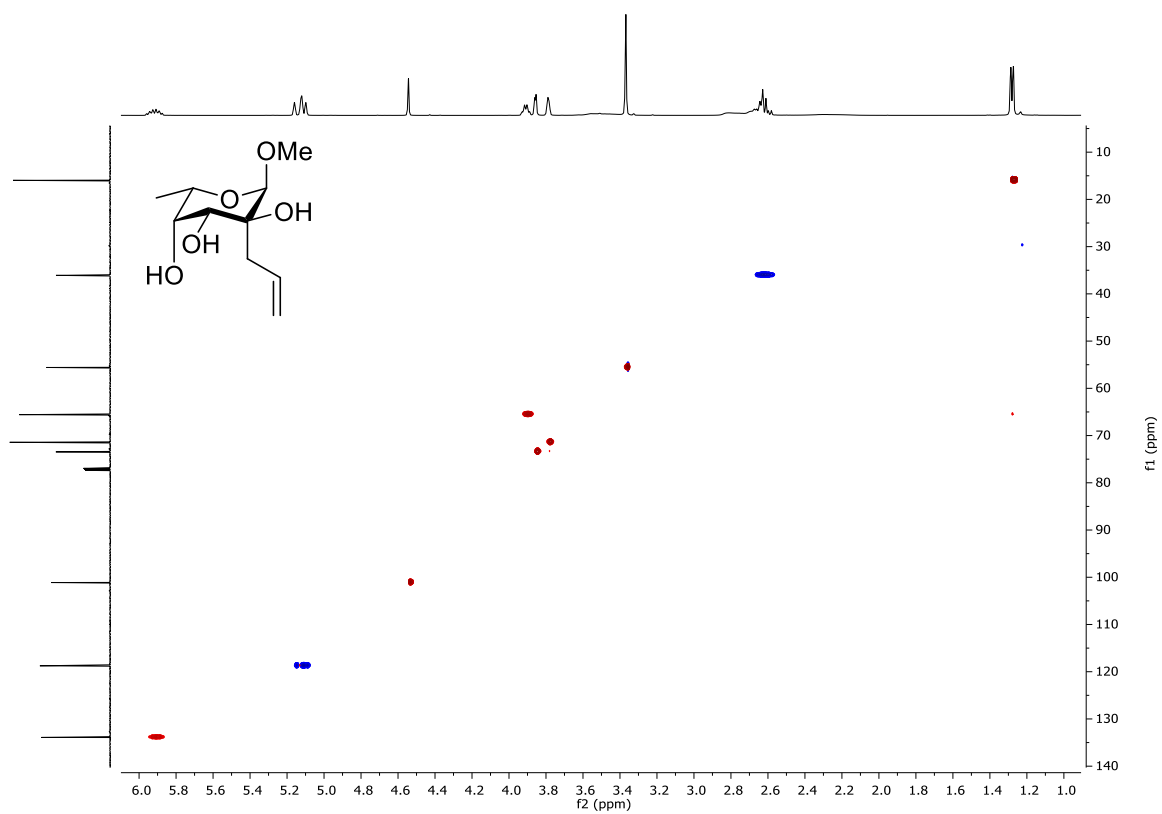
Methyl 6-deoxy-2-C-vinyl- α -L-talopyranoside (10)



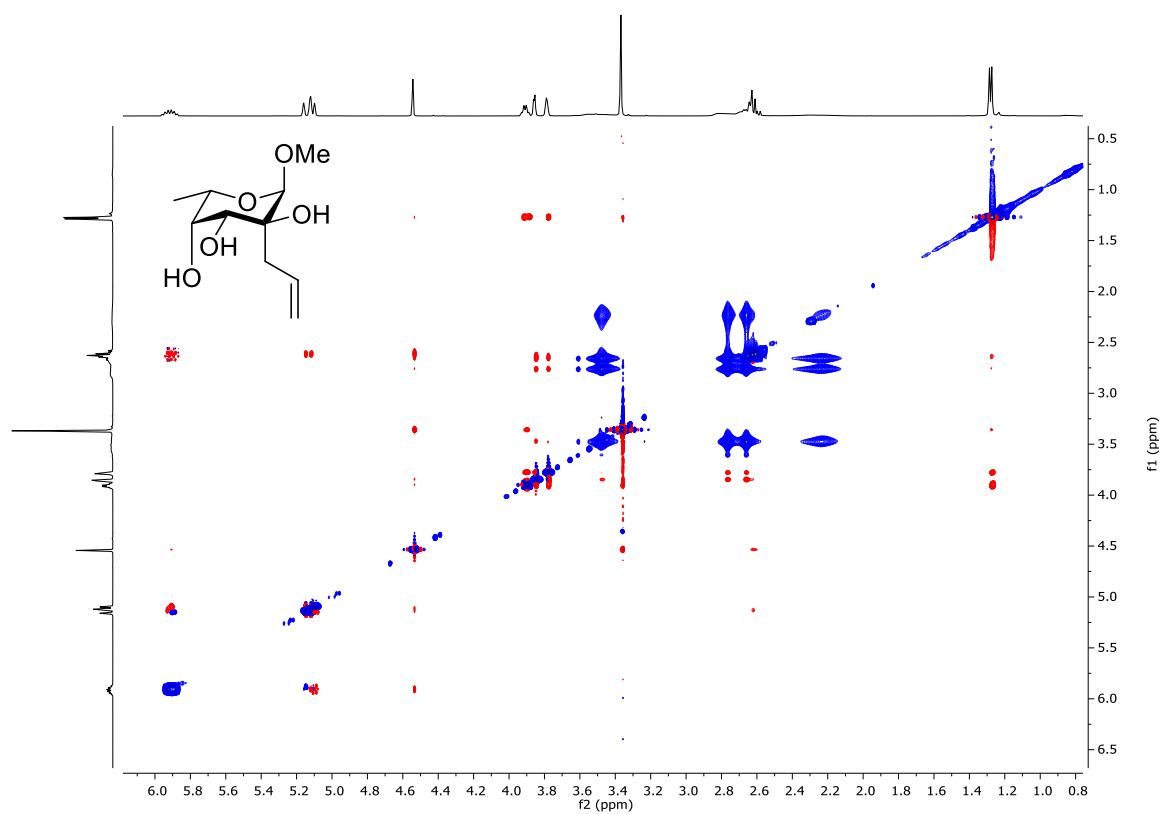


Methyl 2-C-allyl- α -L-fucopyranoside (9)

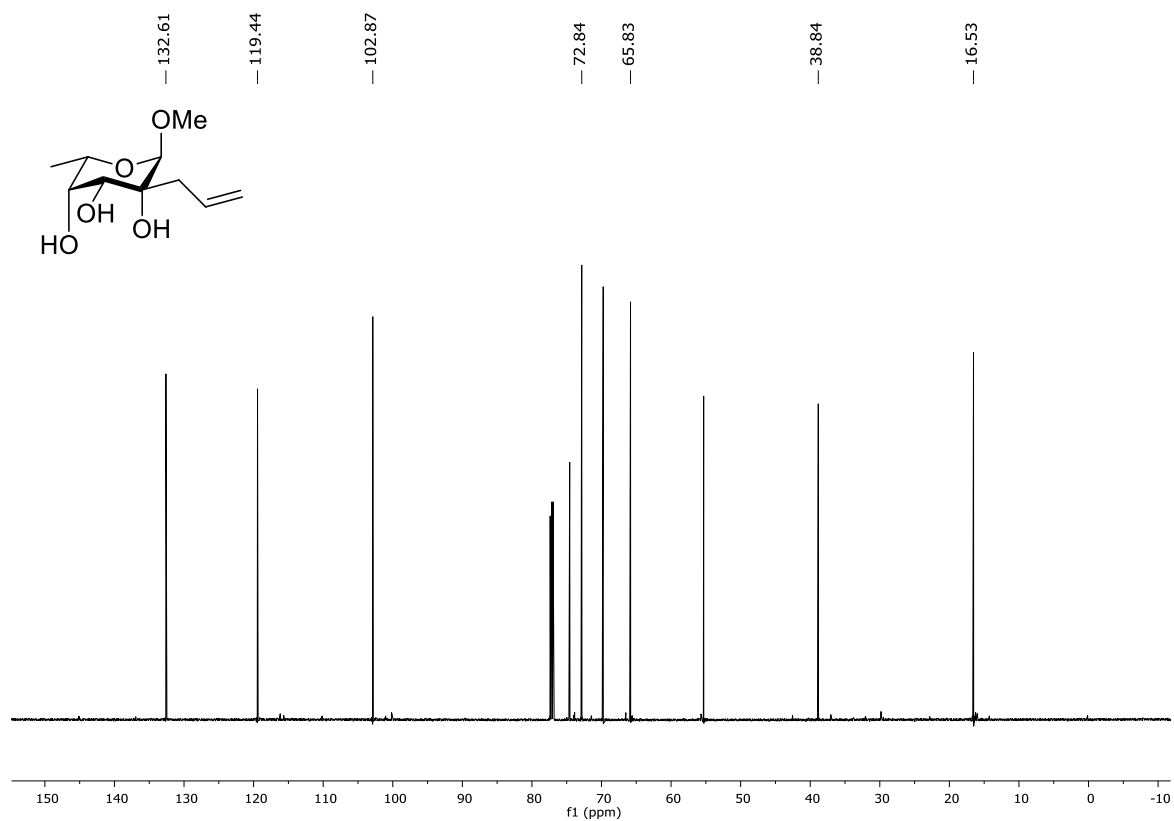
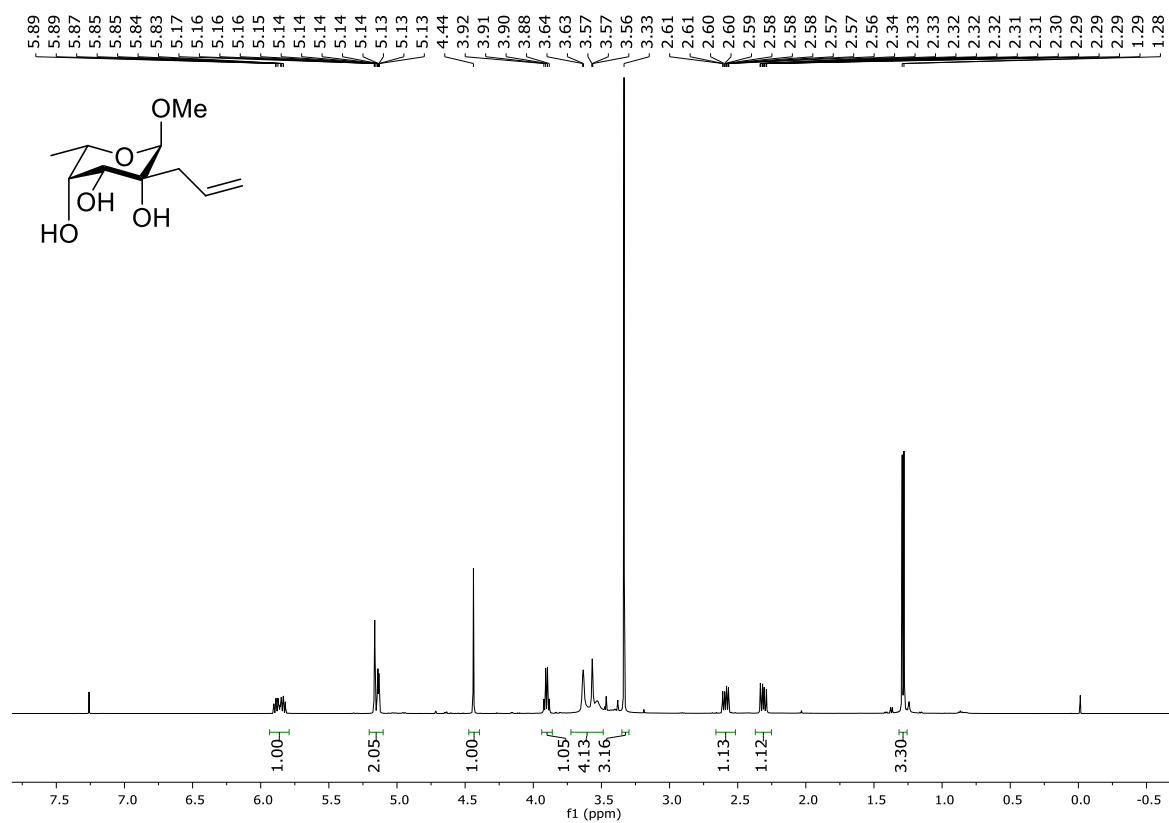


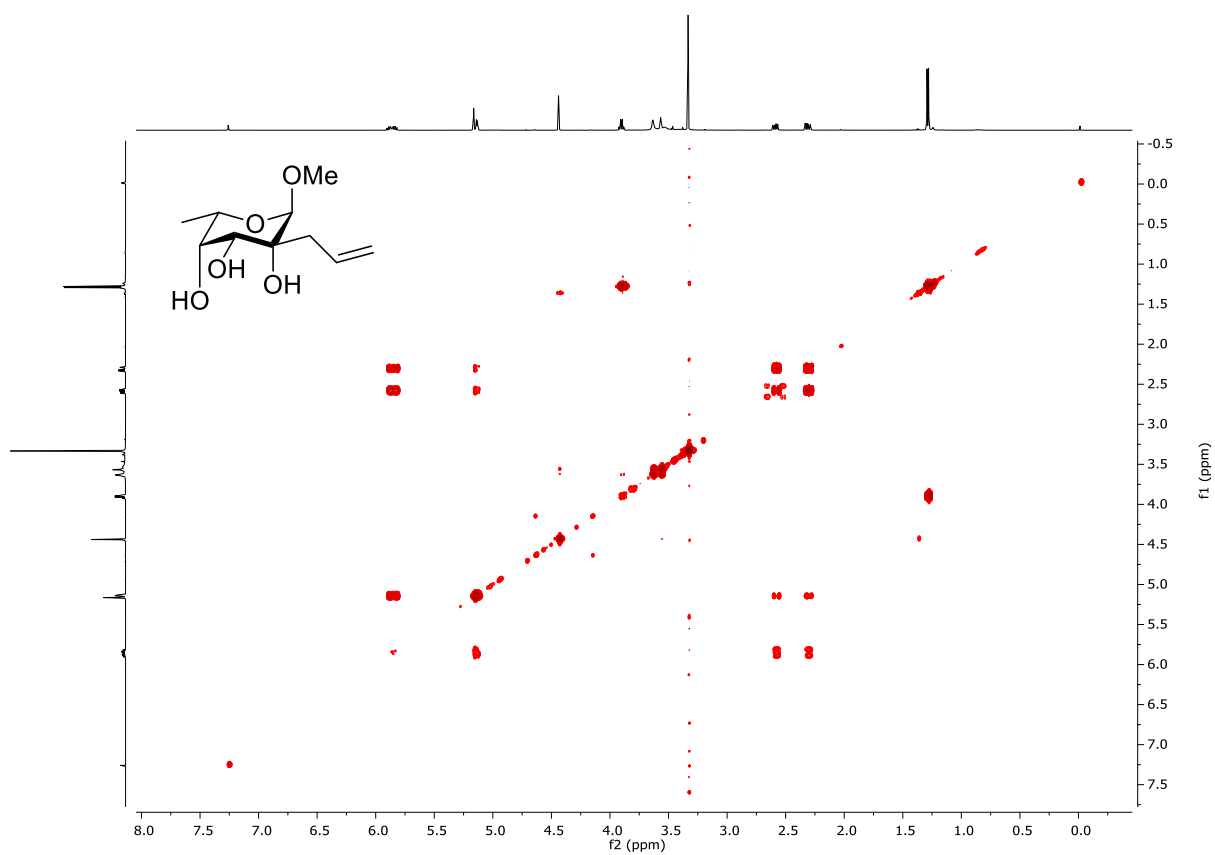
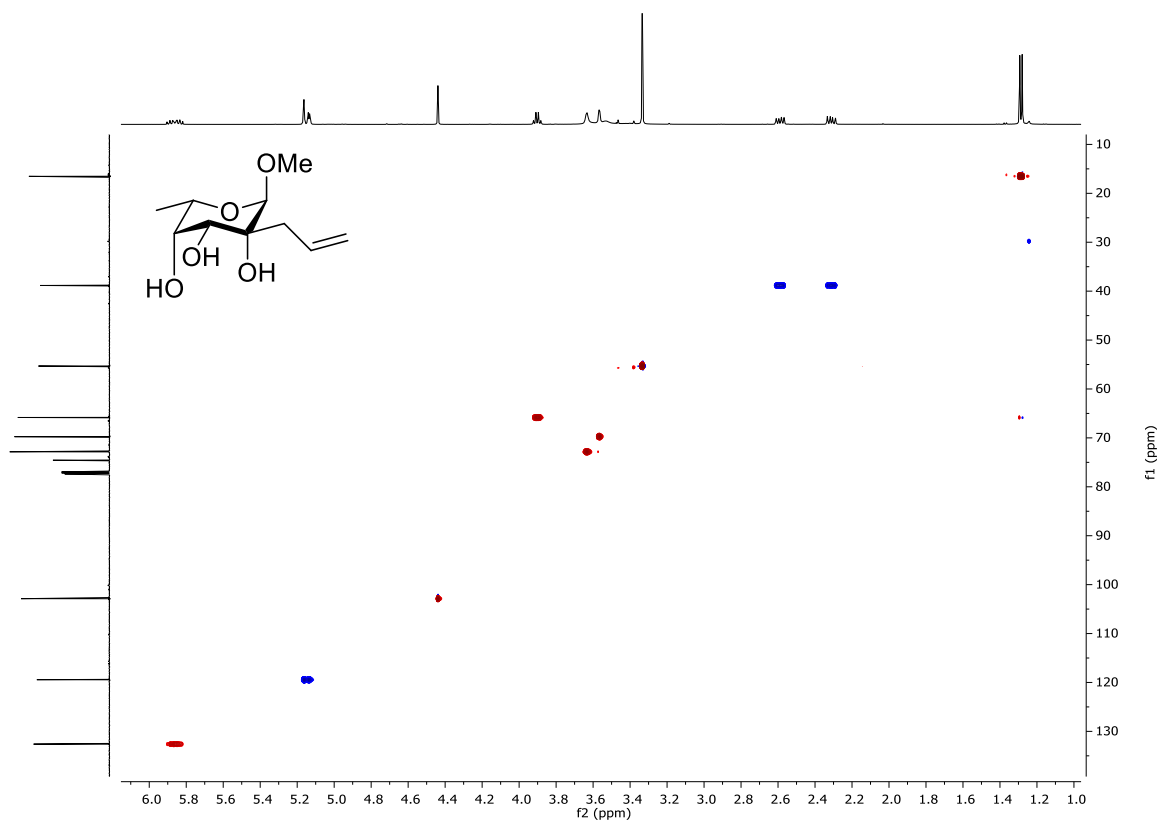


^1H - ^1H NOESY

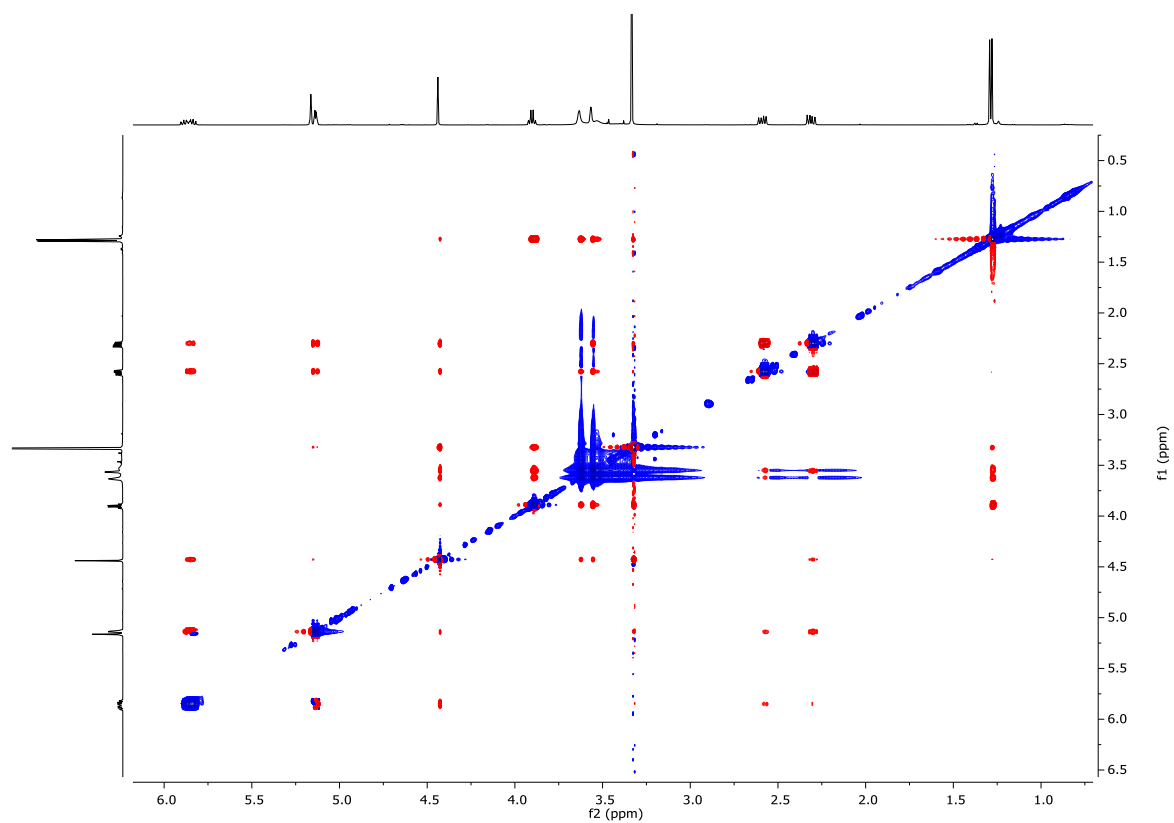


Methyl 2-C-allyl-6-deoxy- α -L-talopyranoside (11)

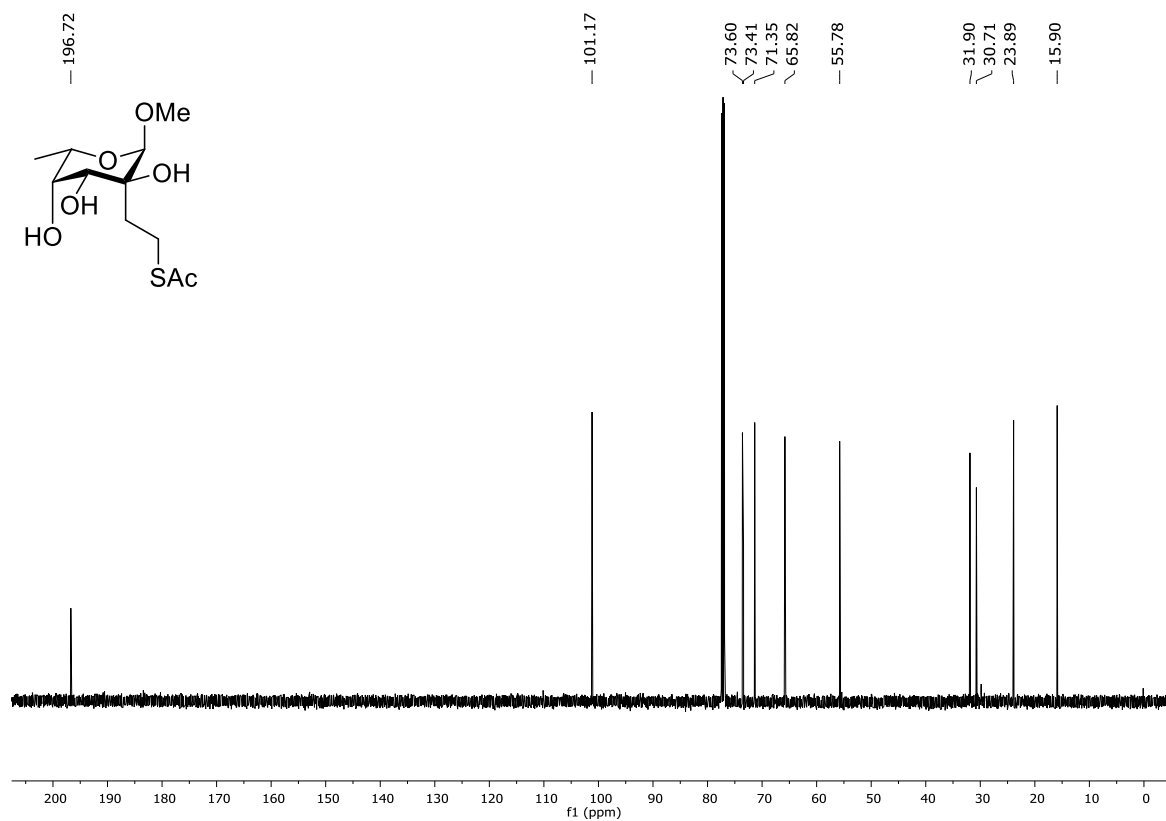
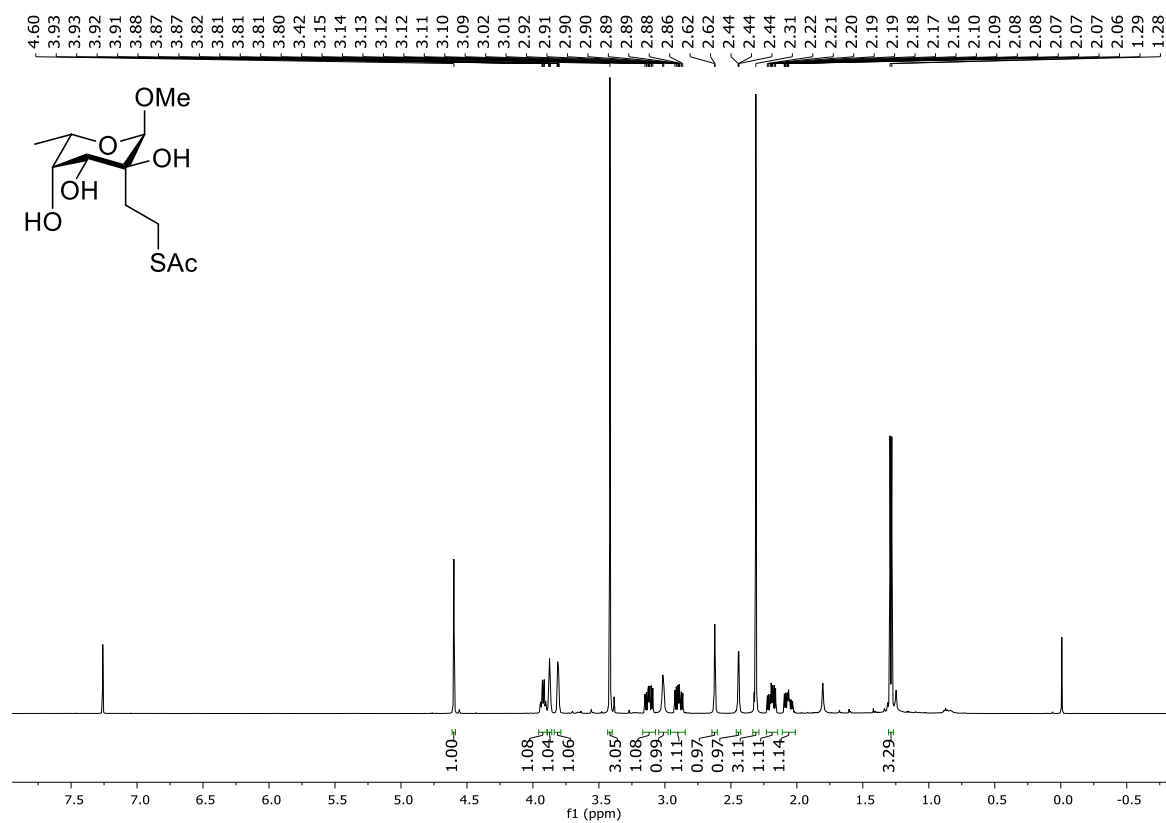


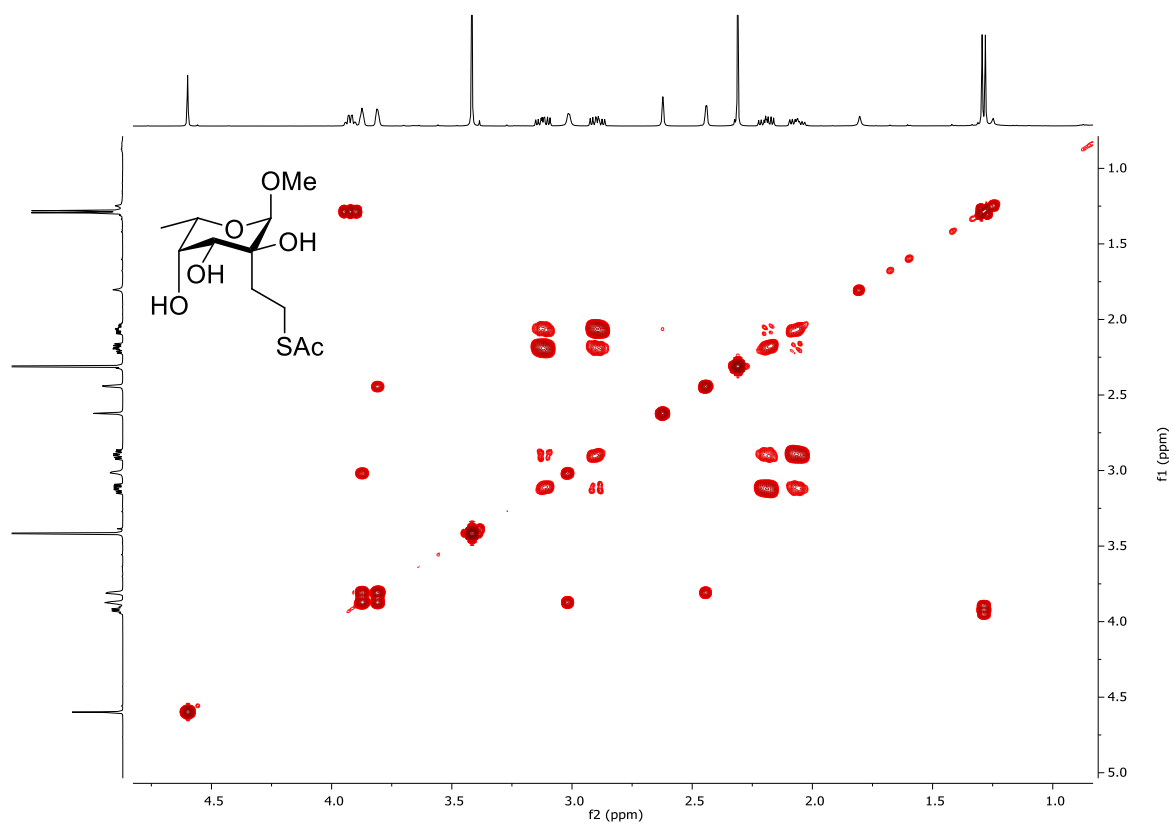
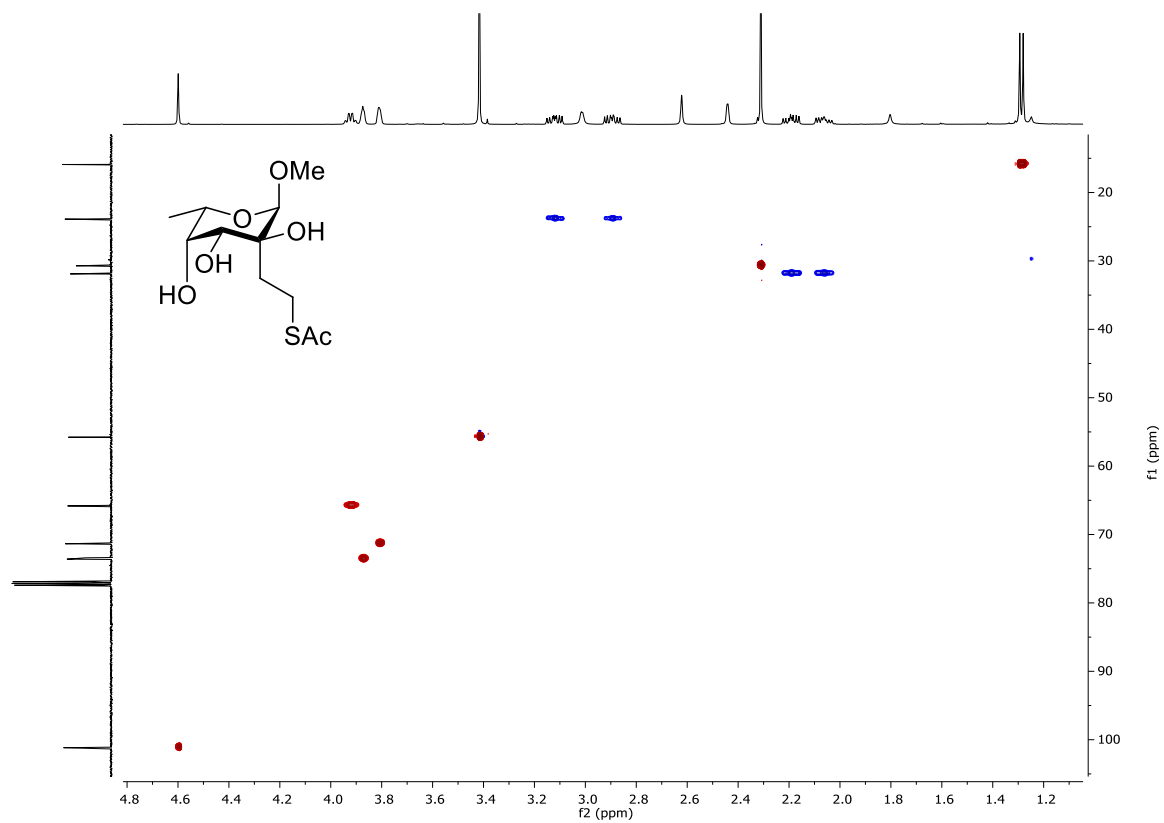


^1H - ^1H NOESY

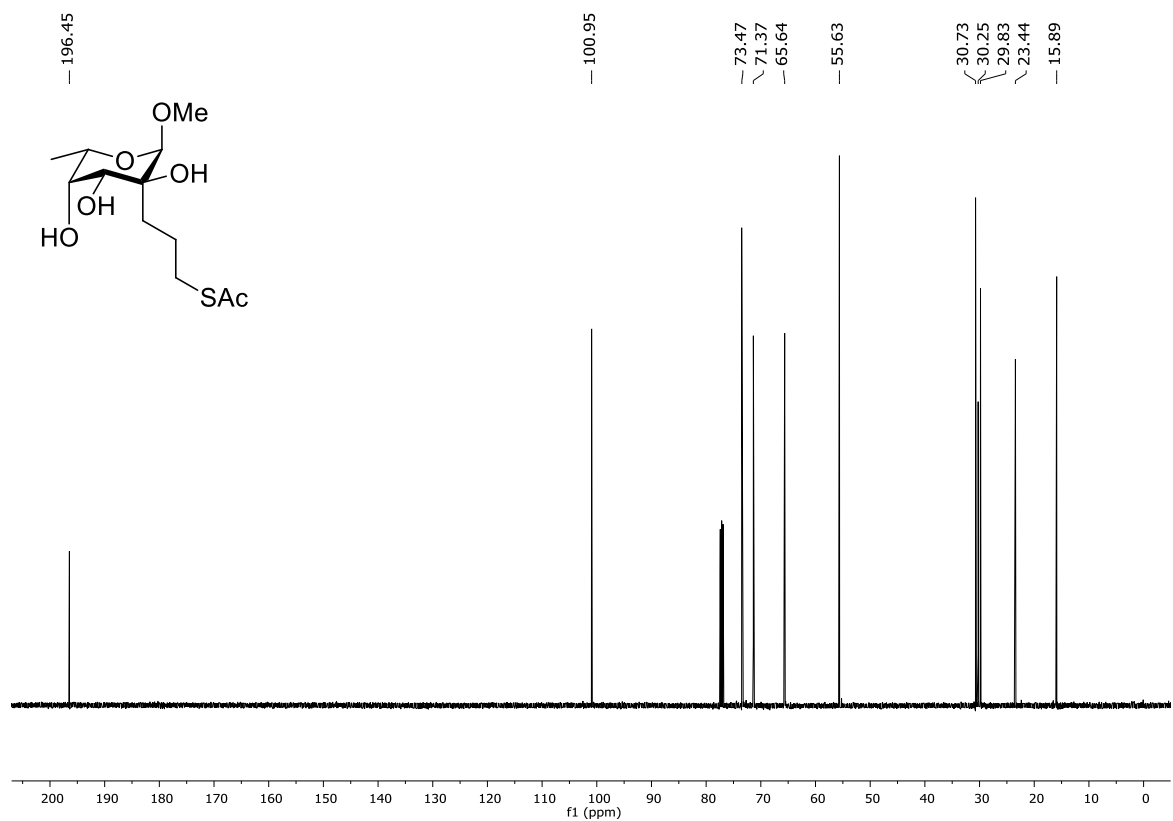
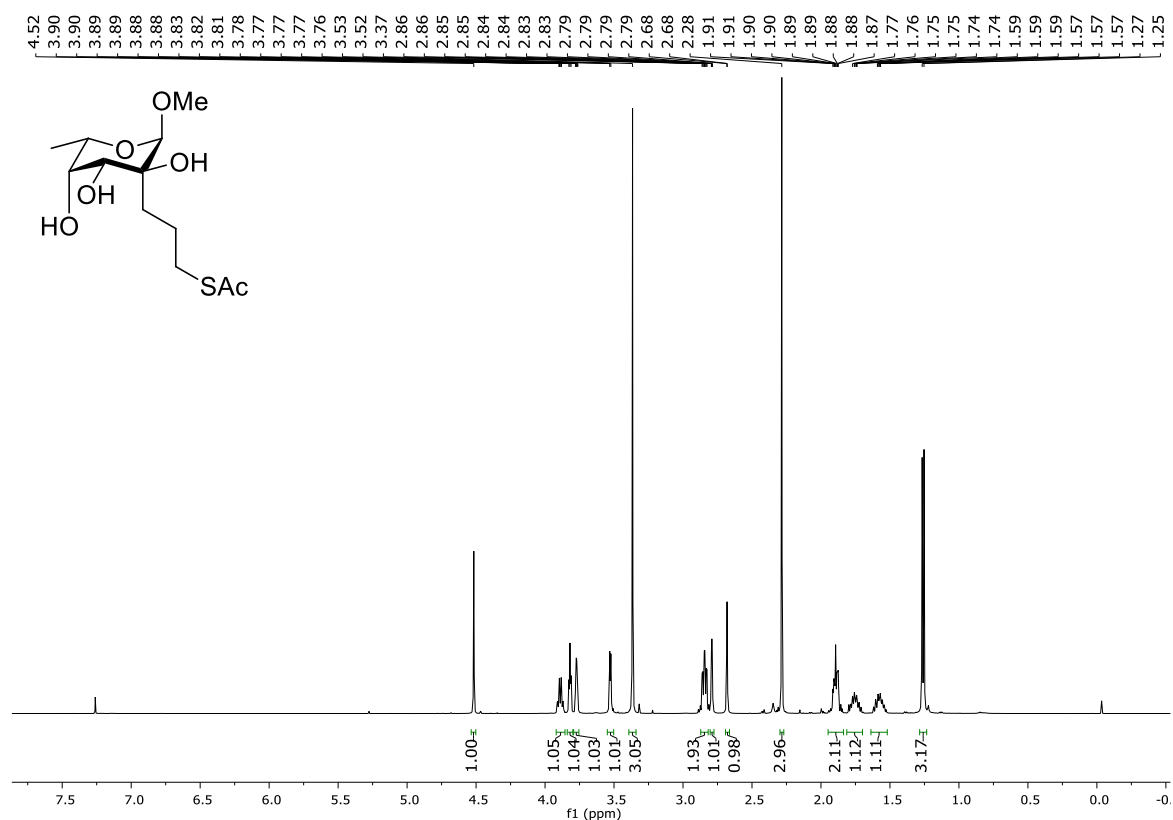


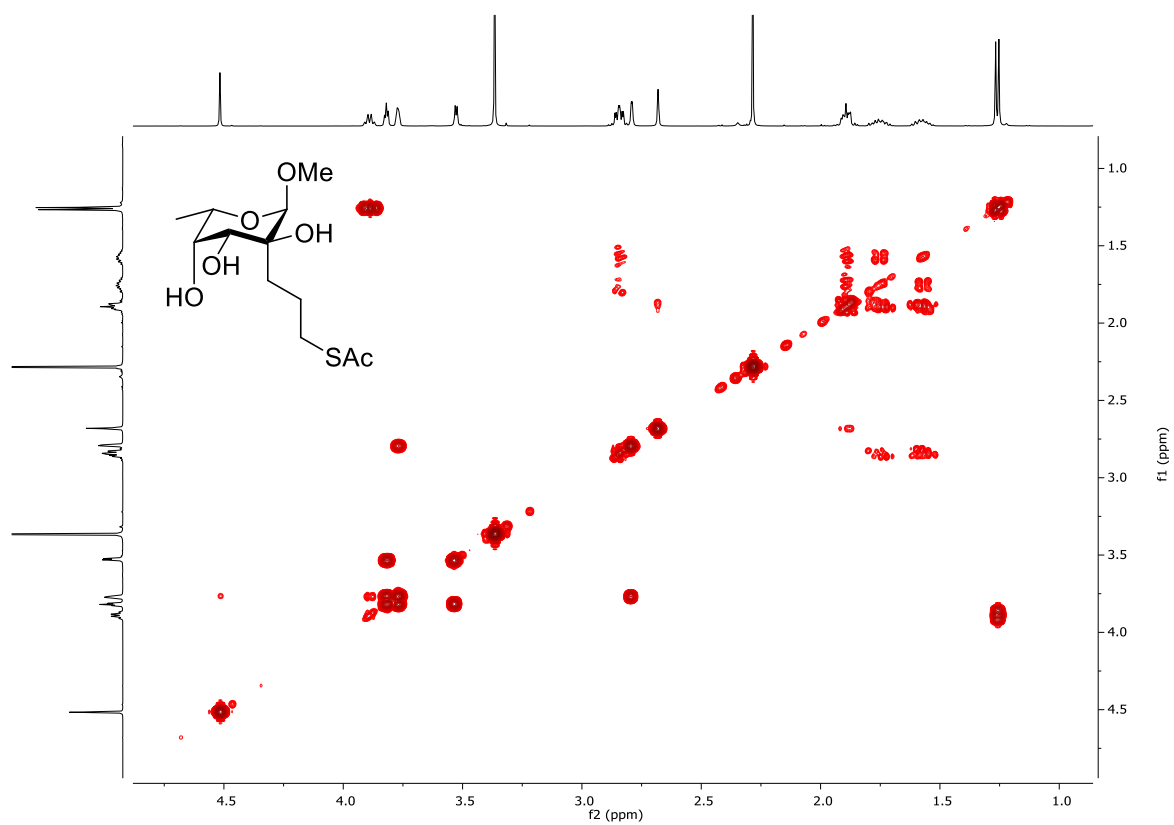
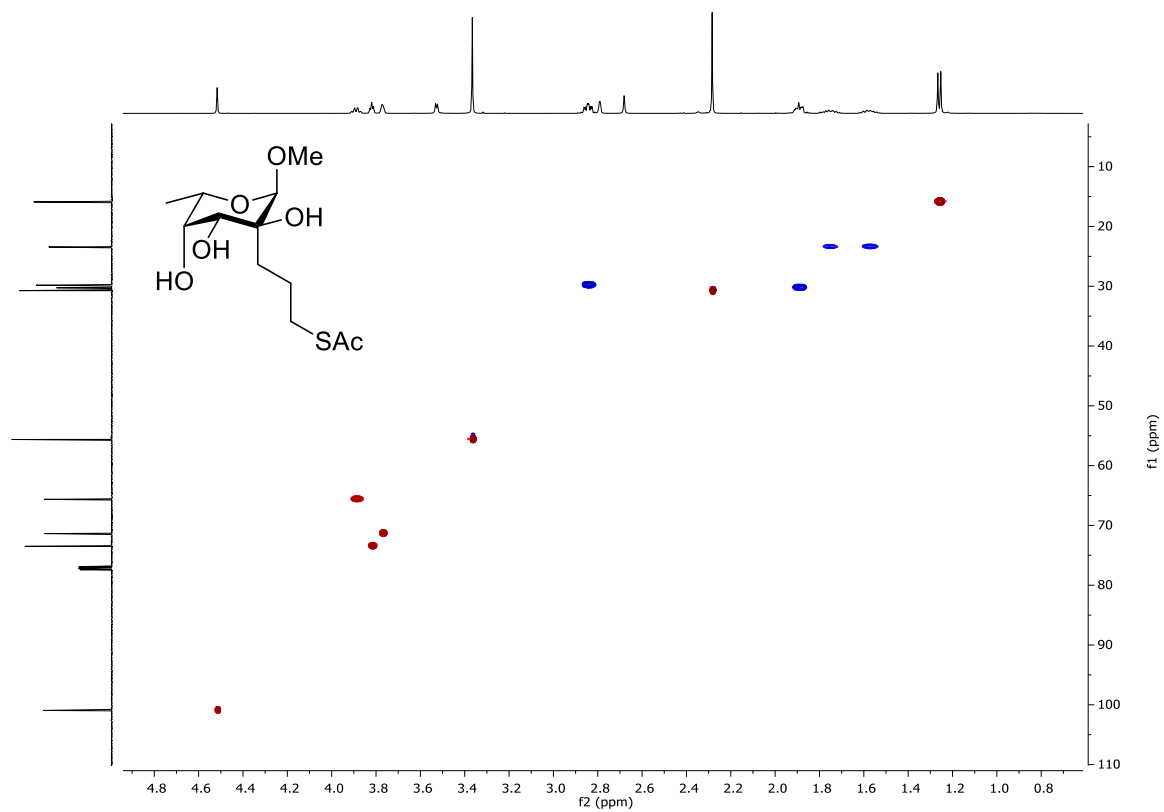
Methyl 2-C-[2-acetylthioethyl]- α -L-fucopyranoside (12)



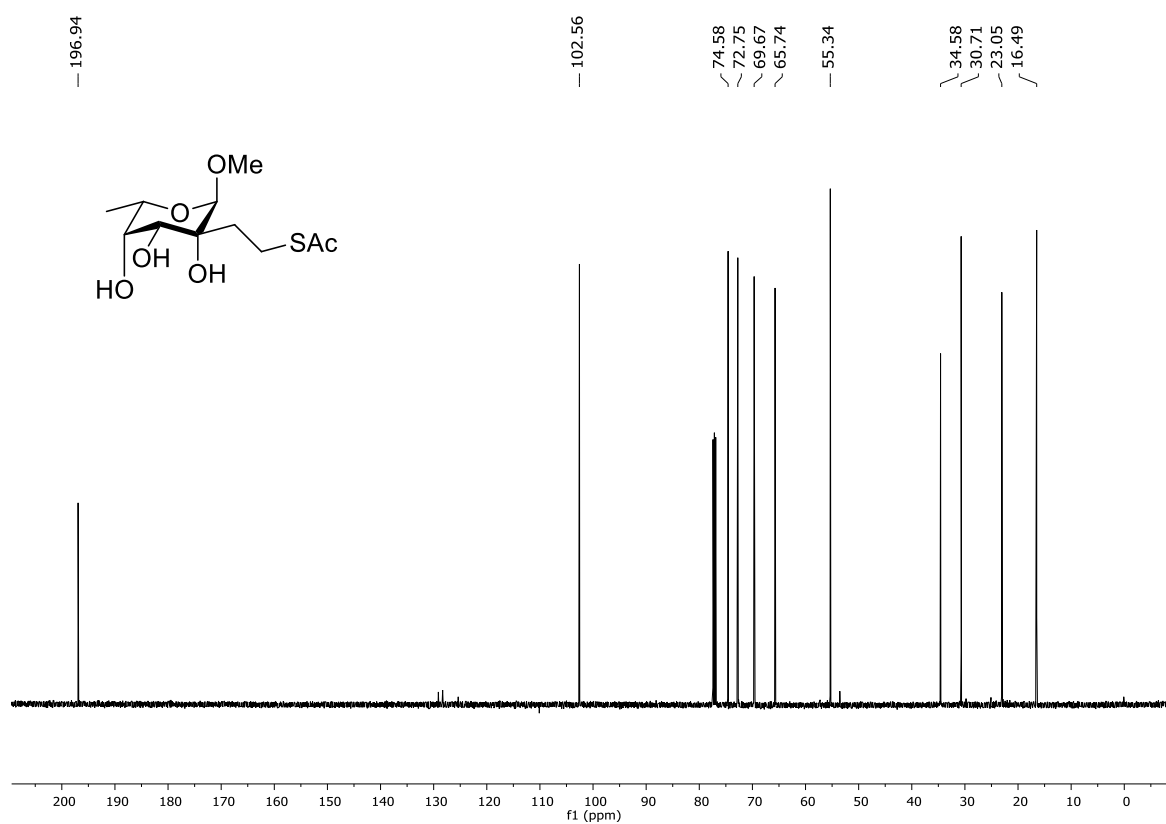
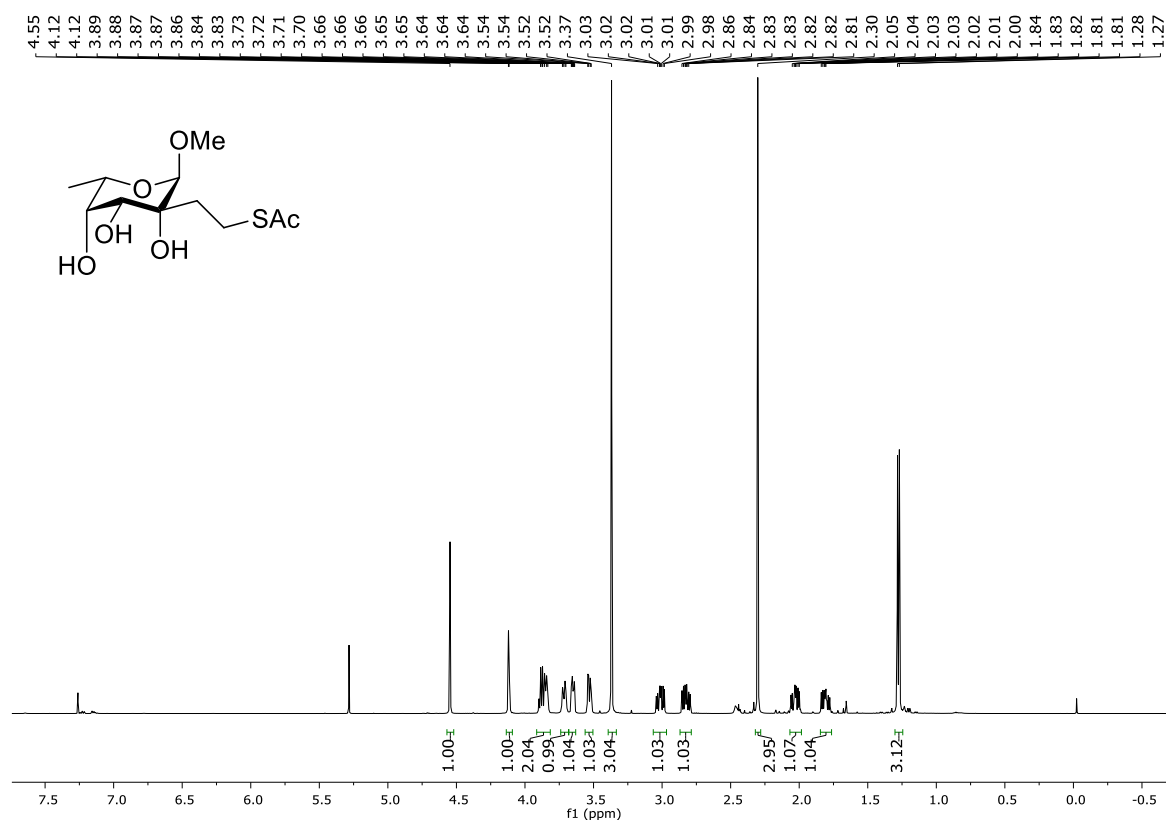


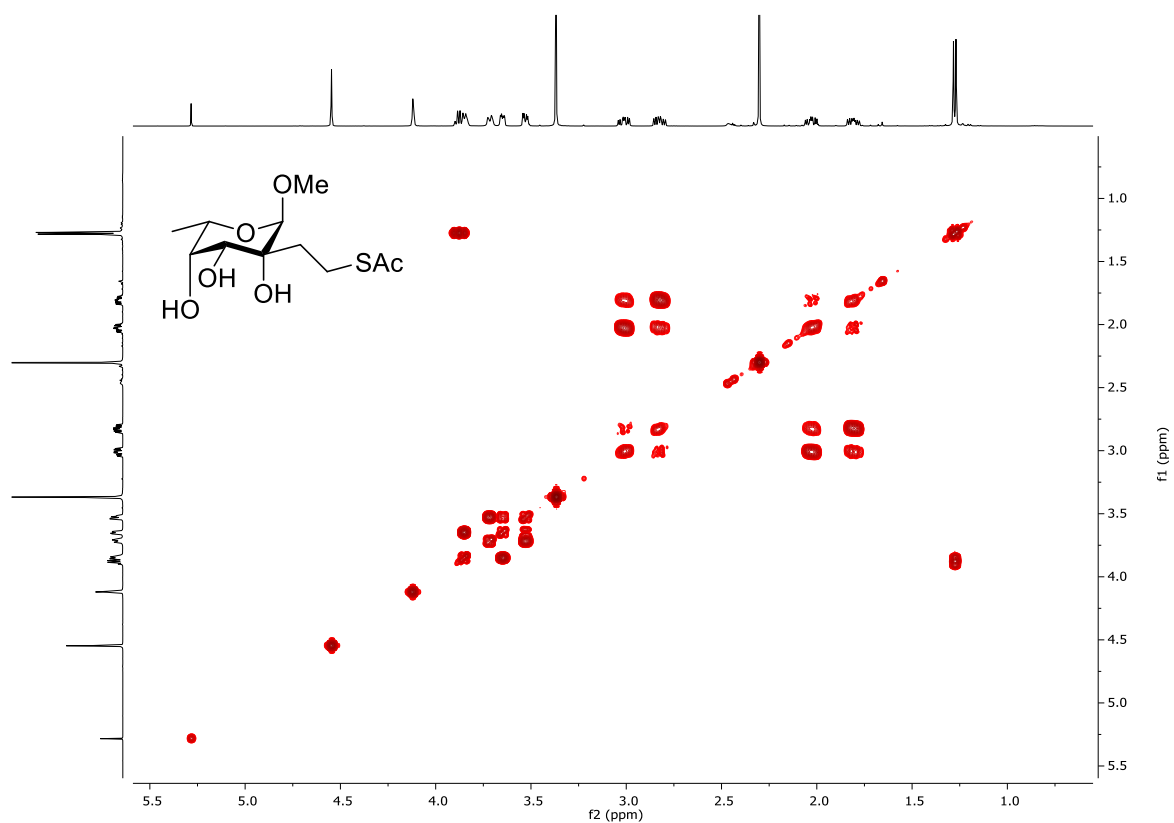
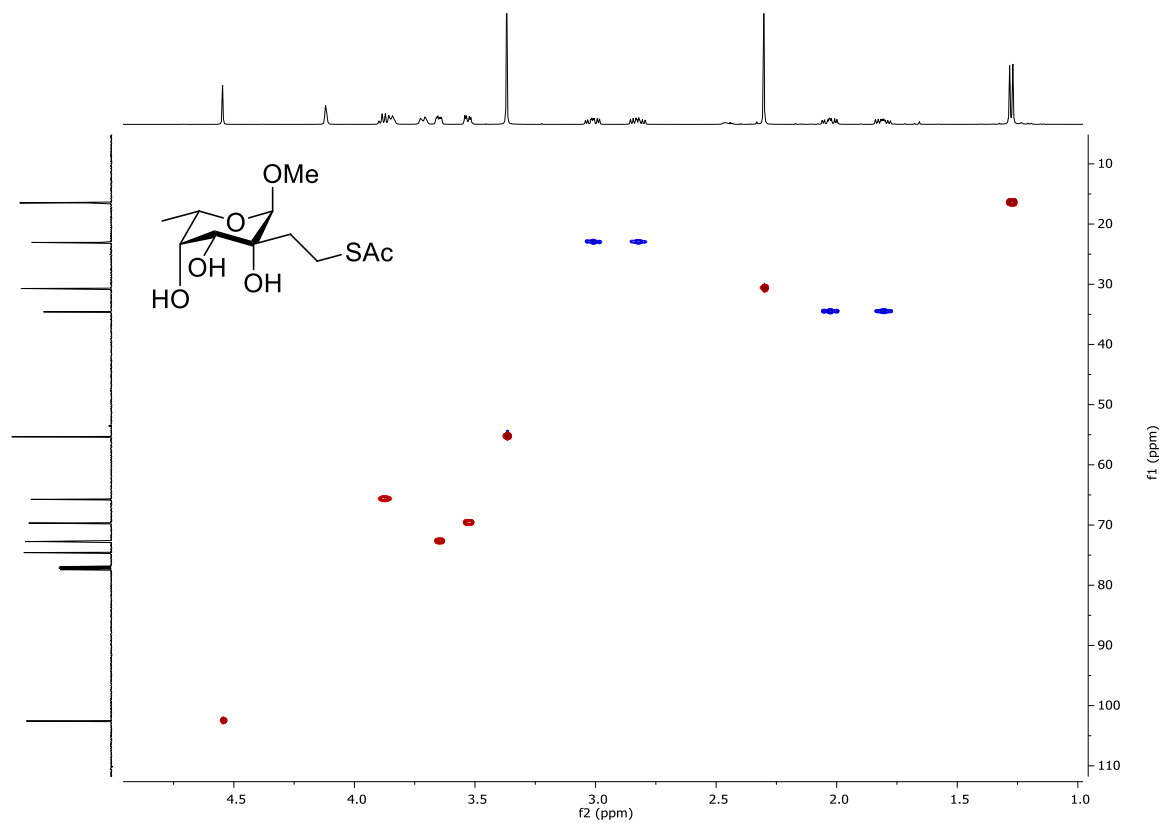
Methyl 2-C-[3-acetylthiopropyl]- α -L-fucopyranoside (13)



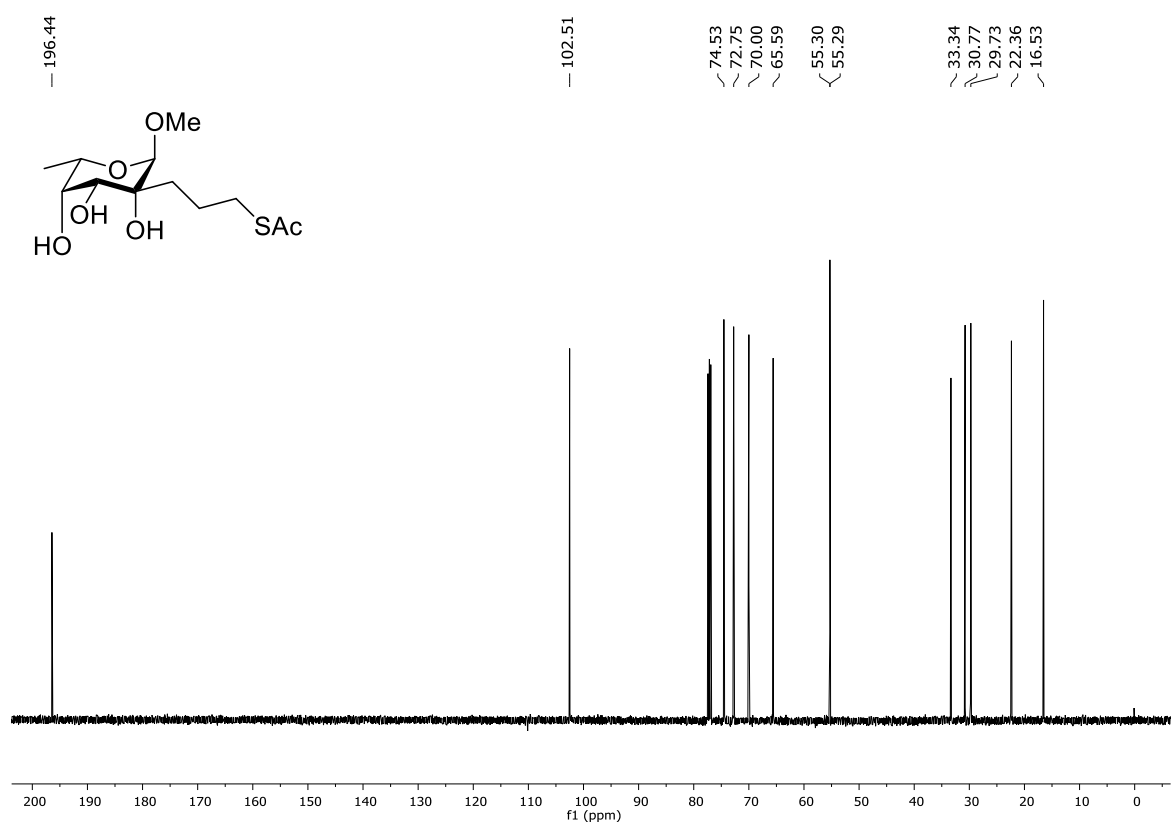
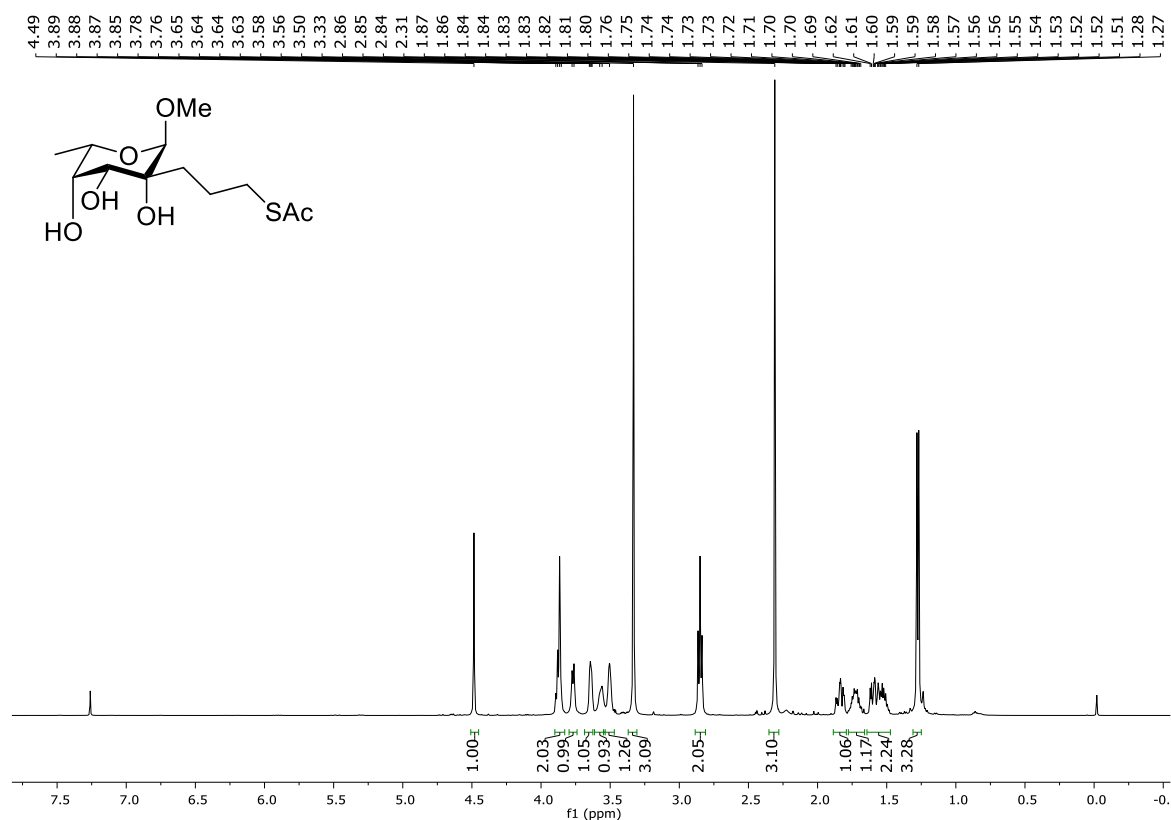


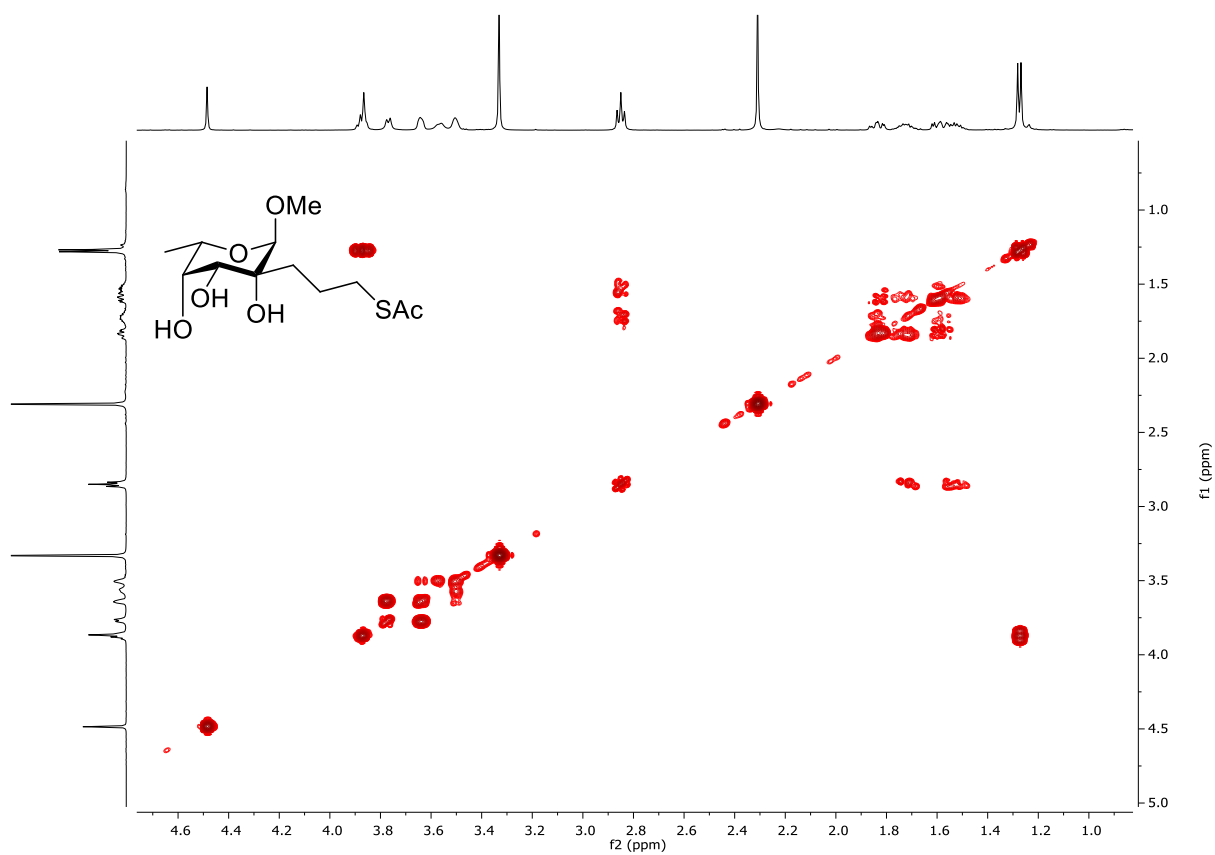
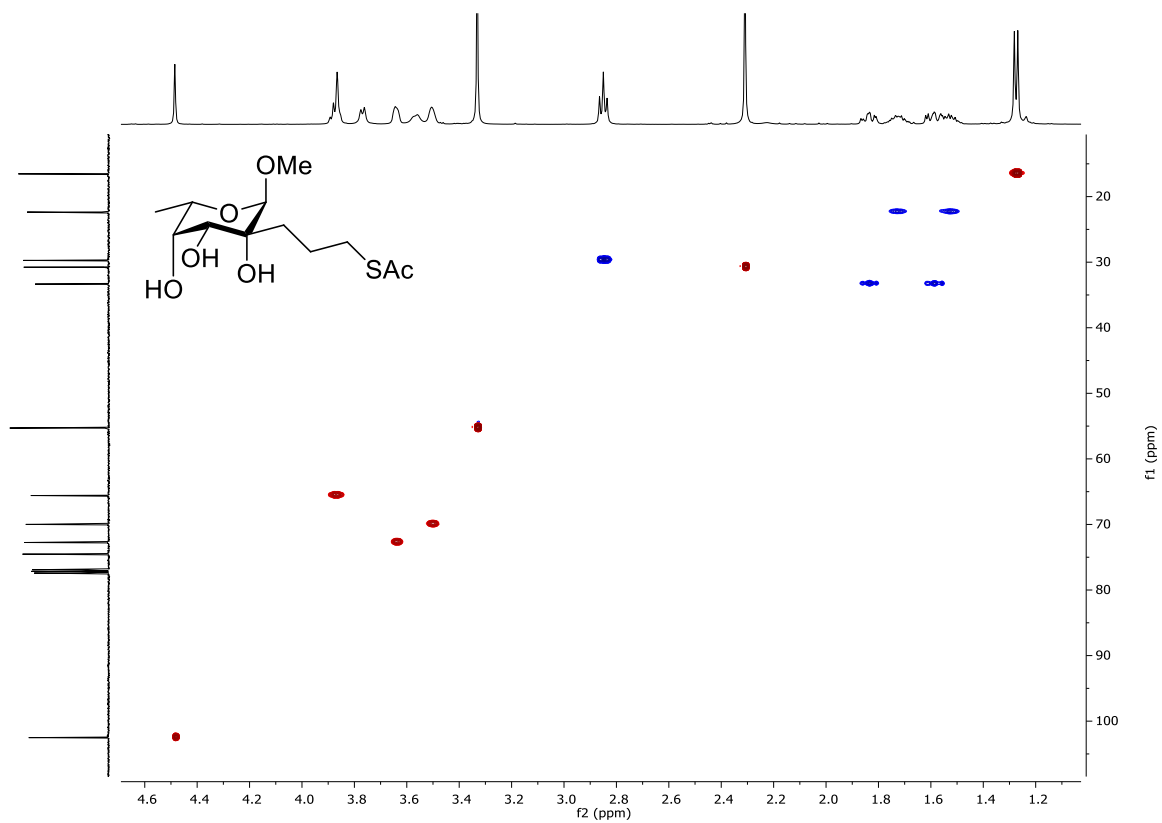
Methyl 2-C-[2-acetylthioethyl]-6-deoxy- α -L-talopyranoside (14)



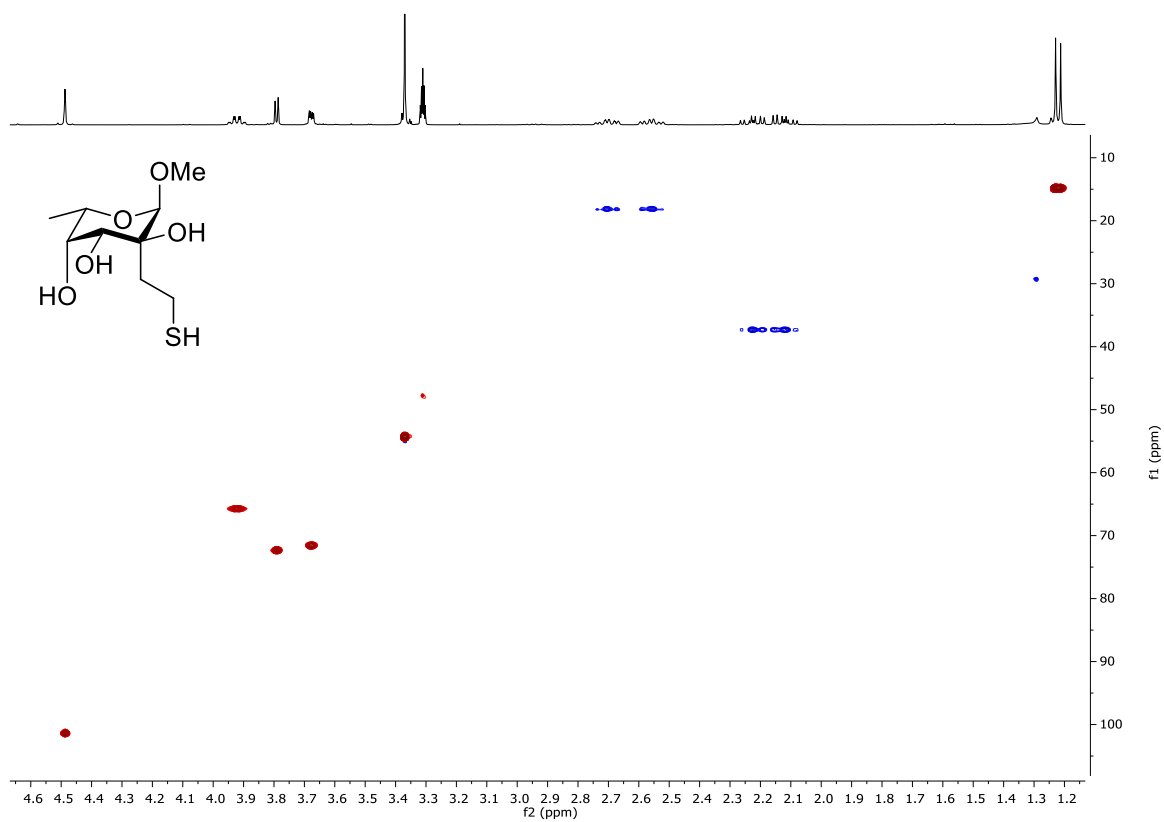
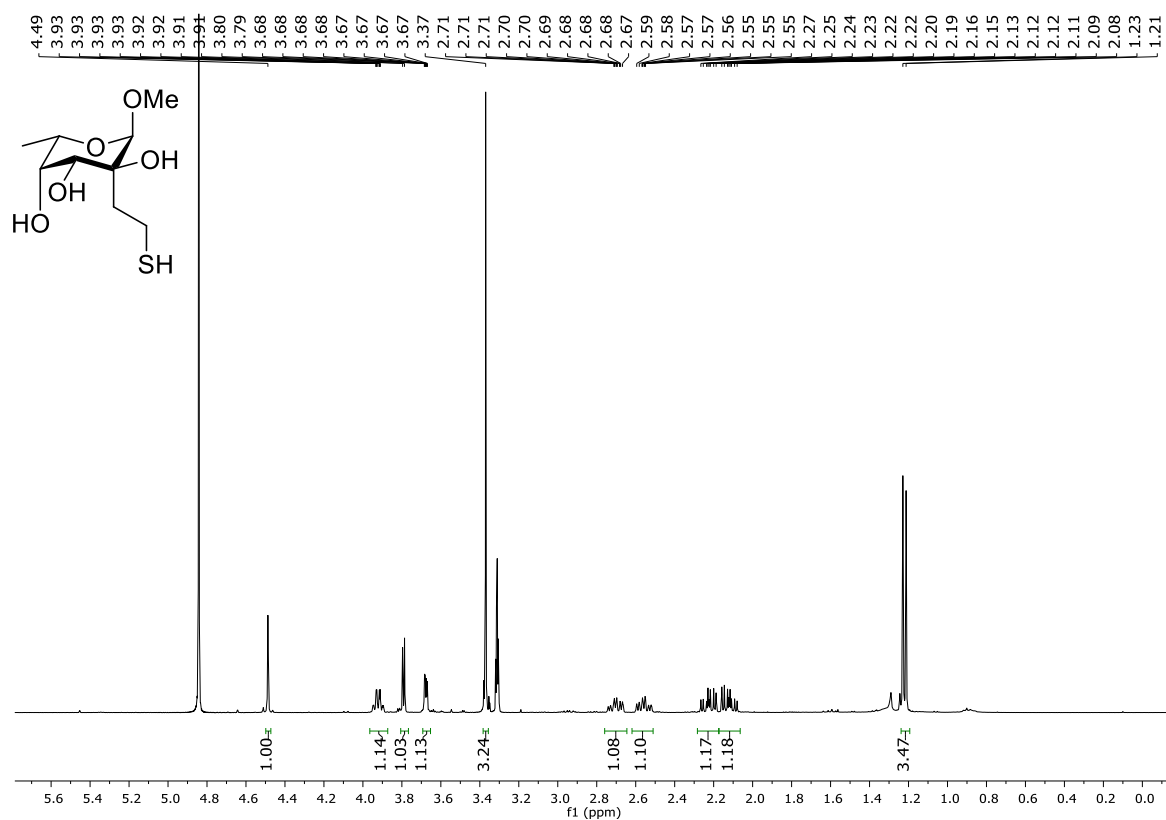


Methyl 2-C-[3-acetylthiopropyl]-6-deoxy- α -L-talopyranoside (15)

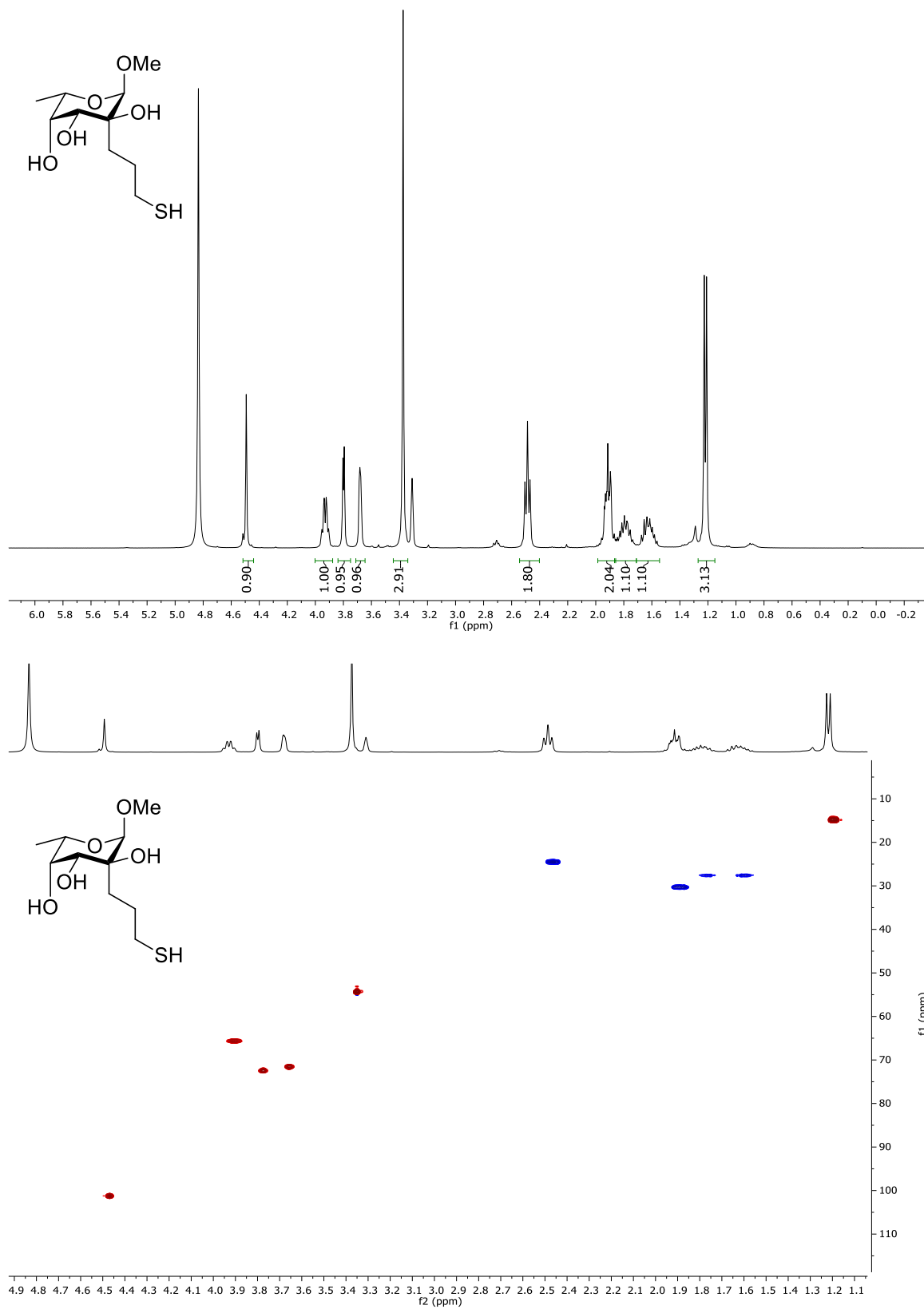




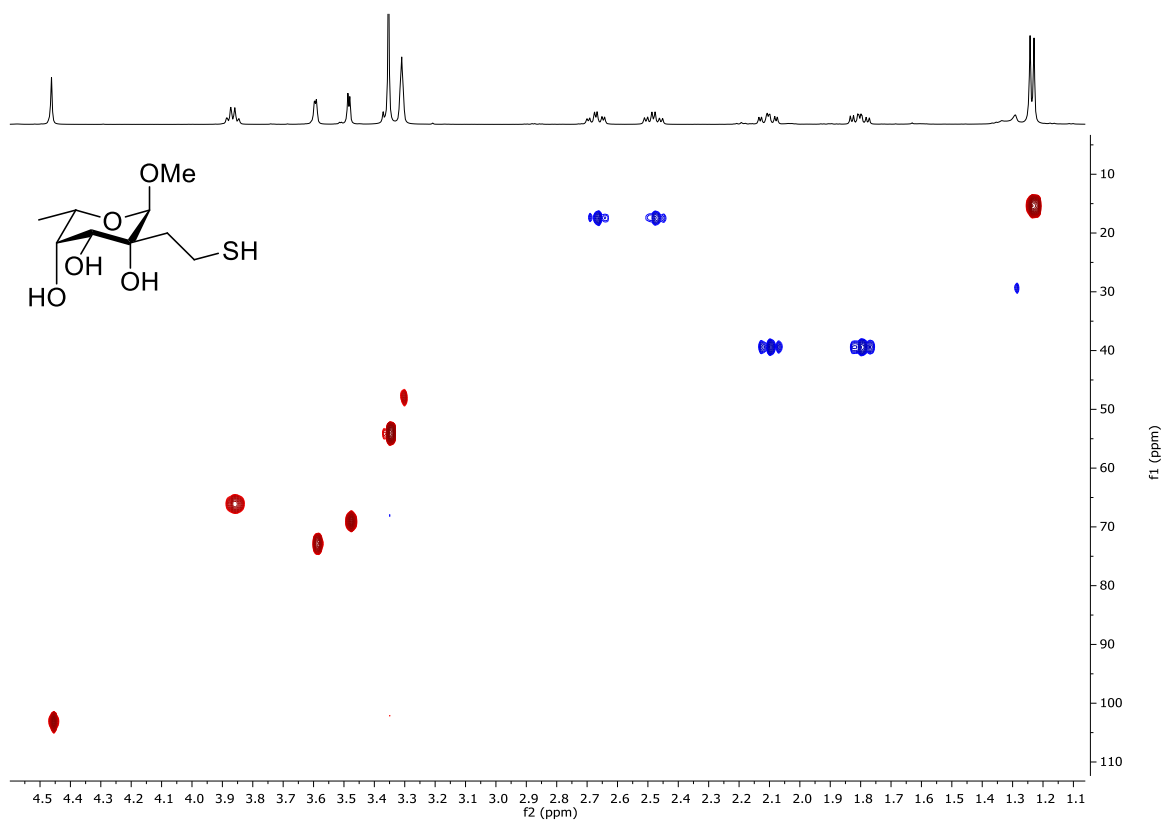
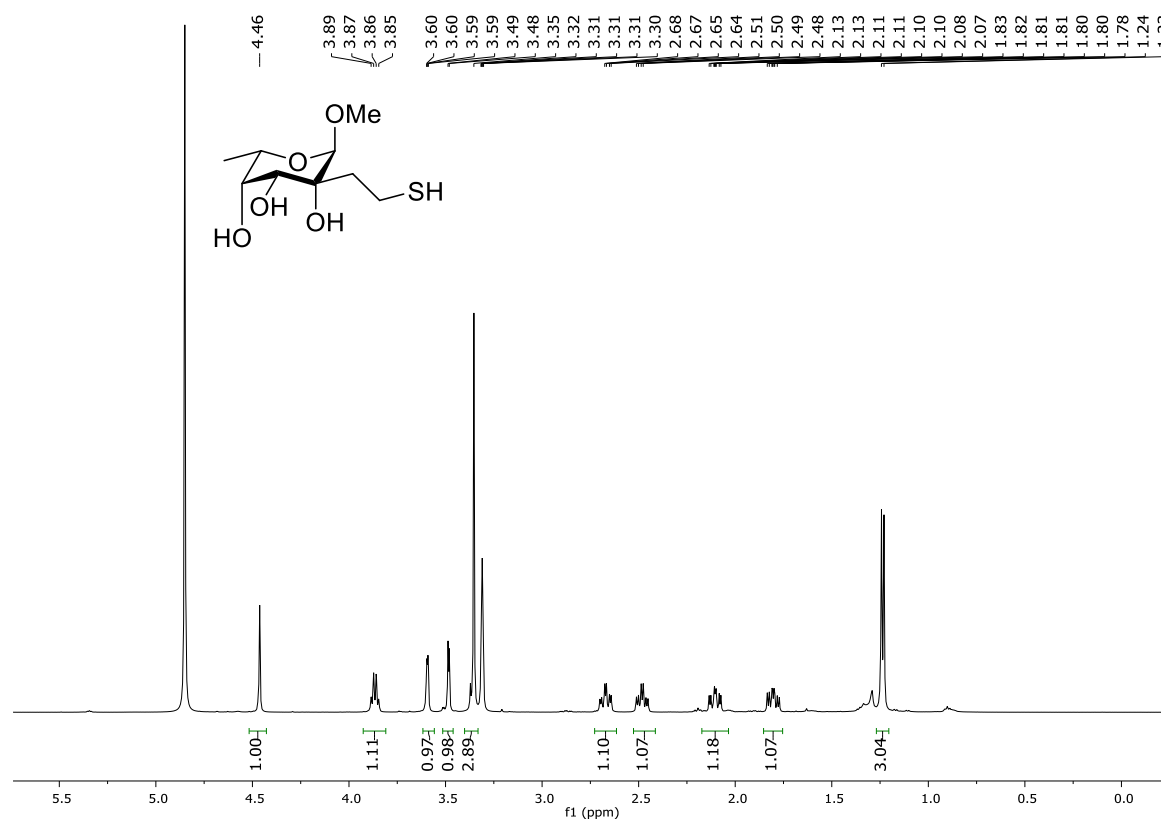
Methyl 2-C-[2-thioethyl]- α -L-fucopyranoside (1)



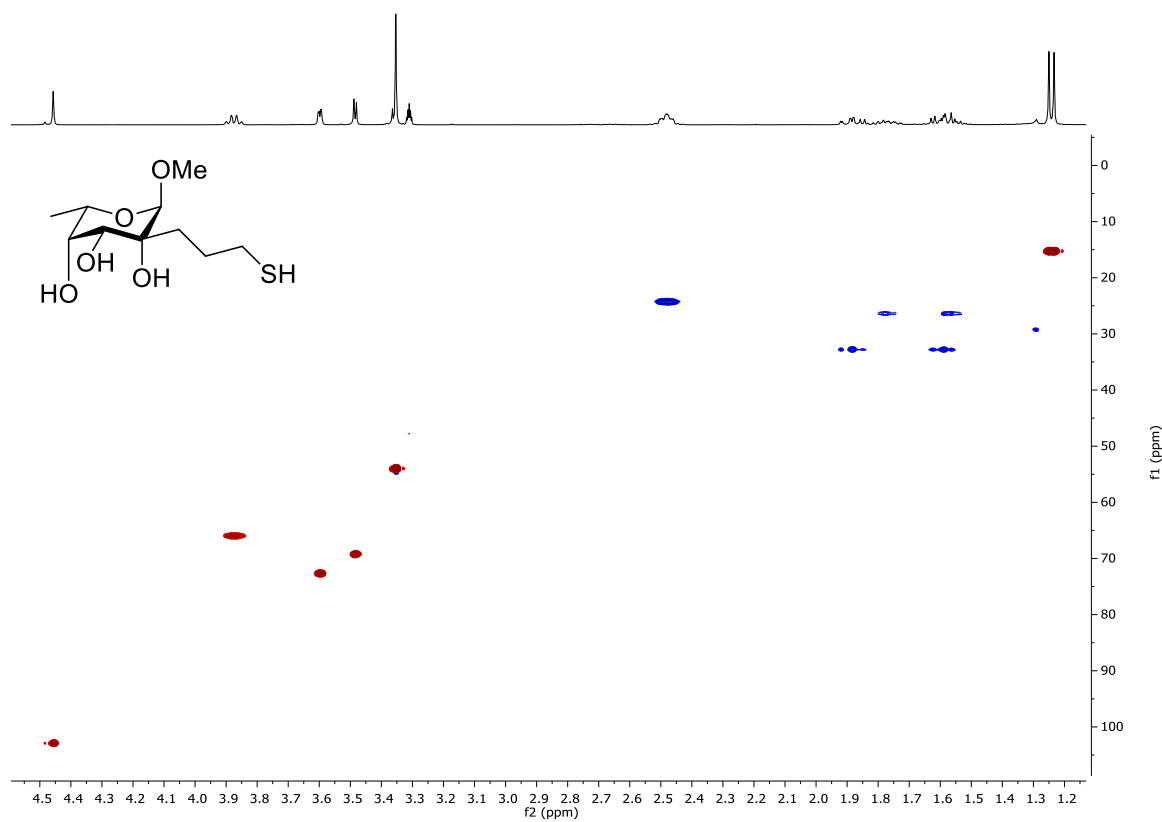
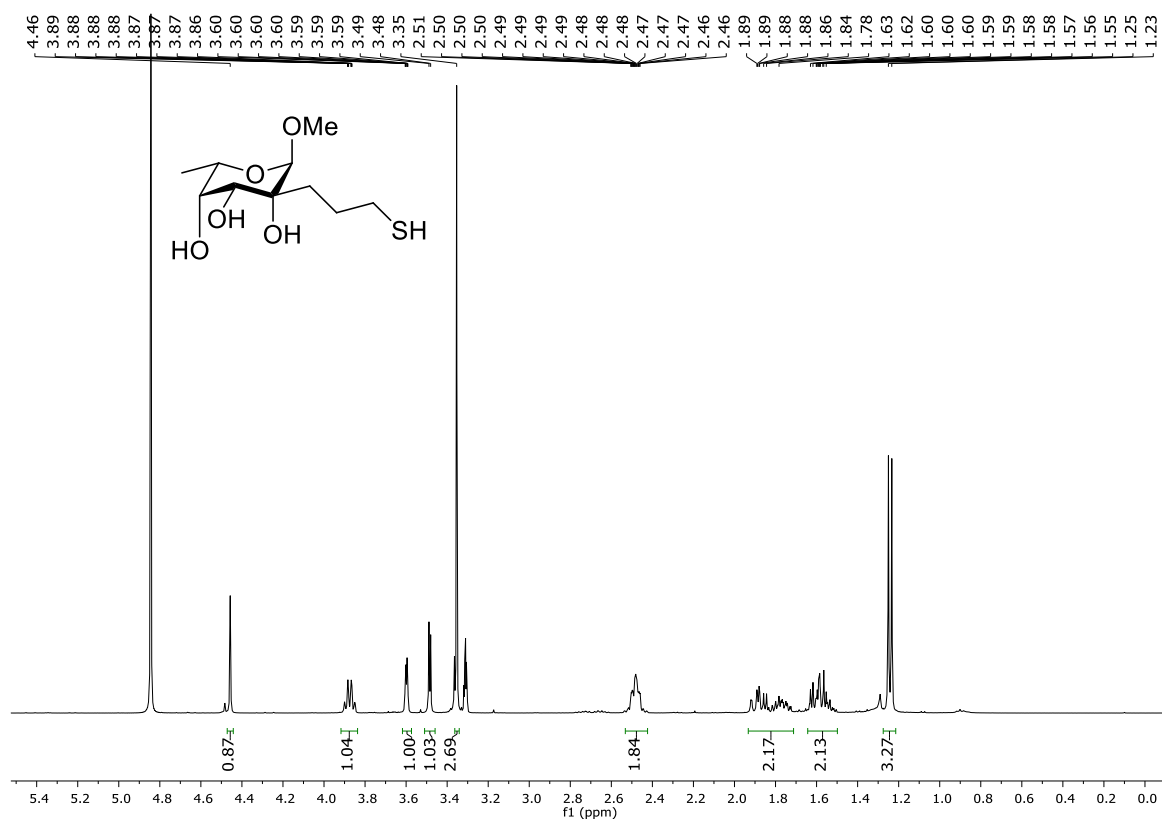
Methyl 2-C-[3-thiopropyl]- α -L-fucopyranoside (2)



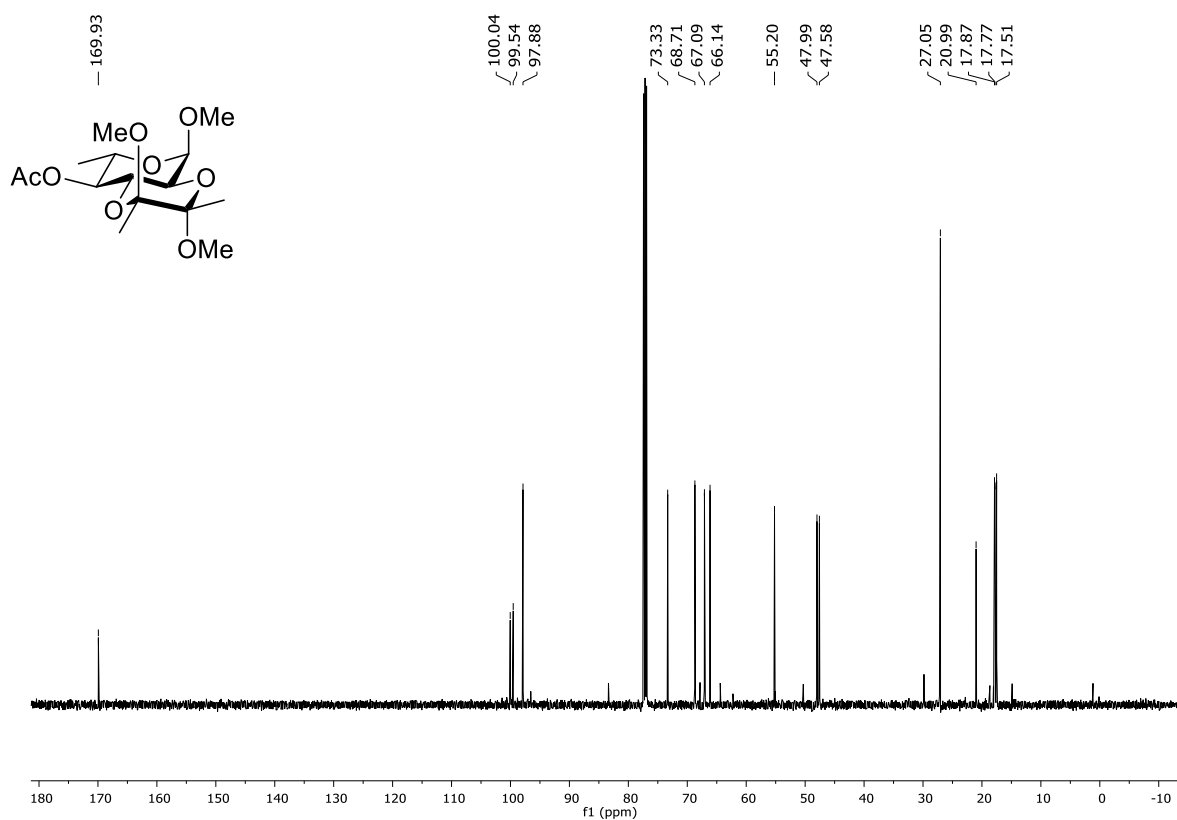
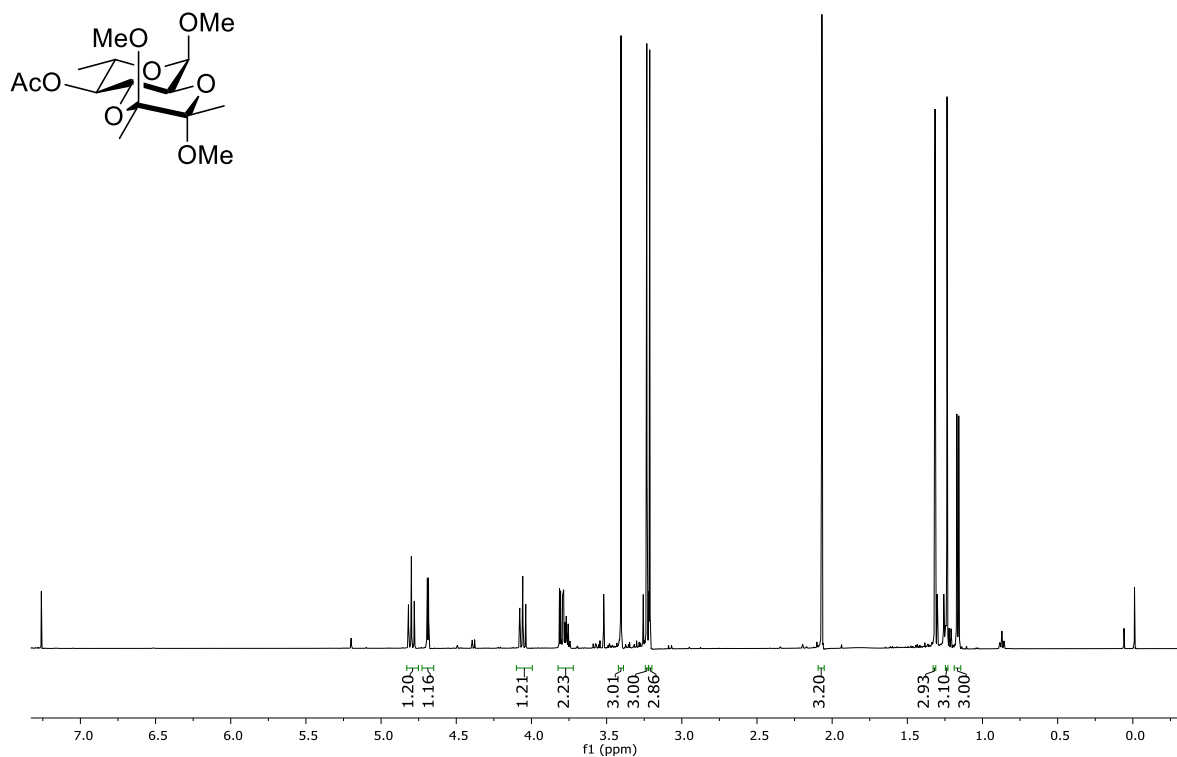
Methyl 6-deoxy-2-C-[2-thioethyl]- α -L-talopyranoside (3)

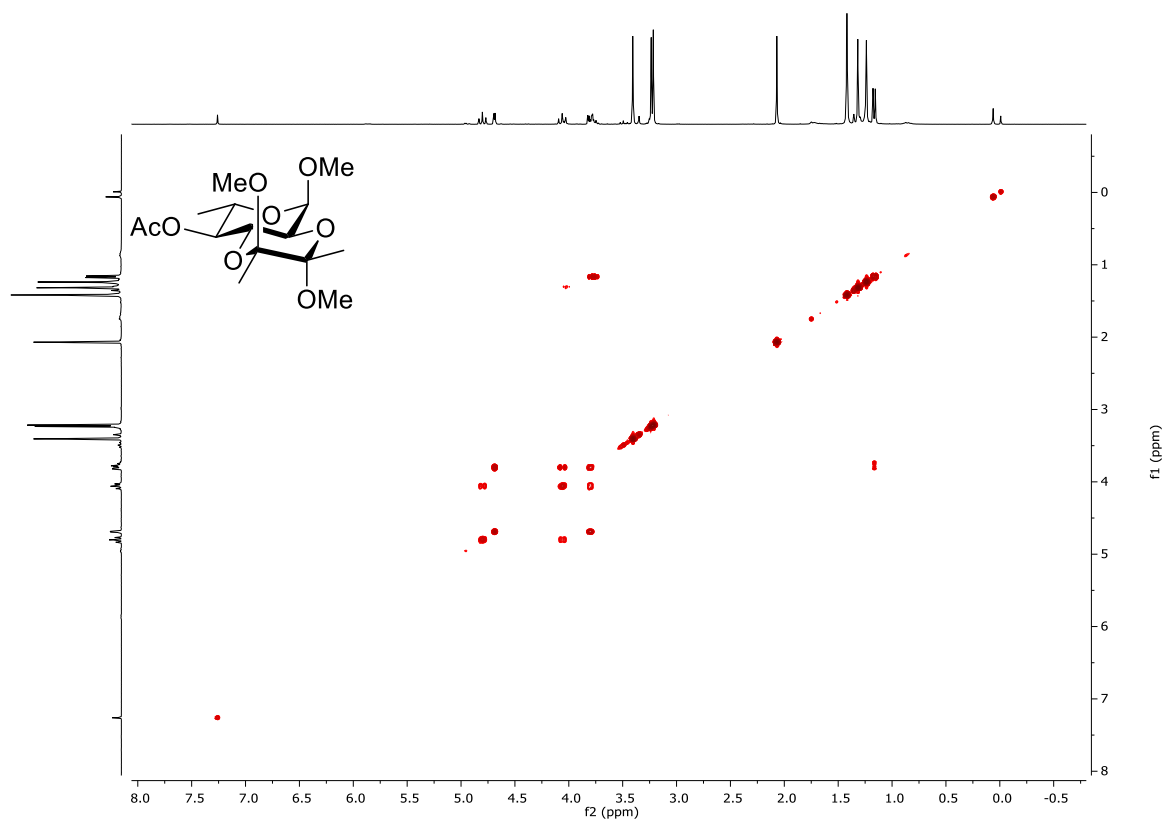
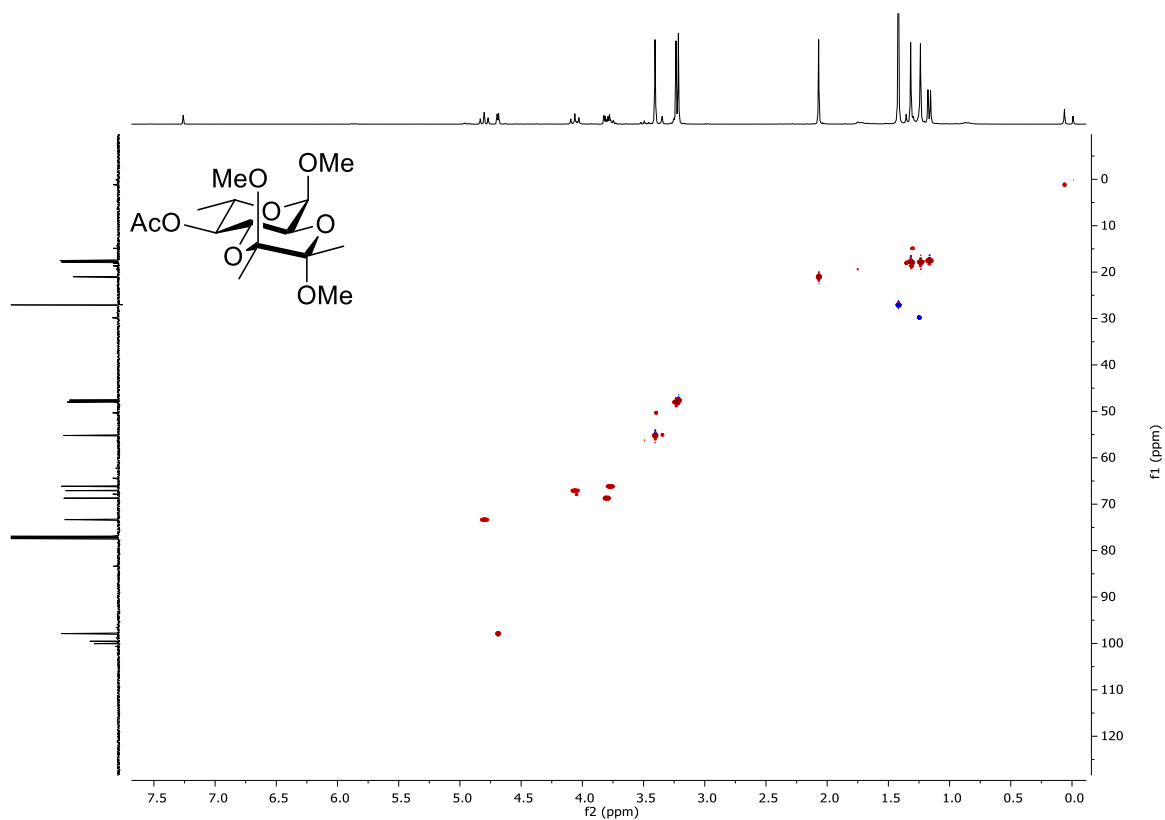


Methyl 6-deoxy-2-C-[3-thiopropyl]- α -L-talopyranoside (4)

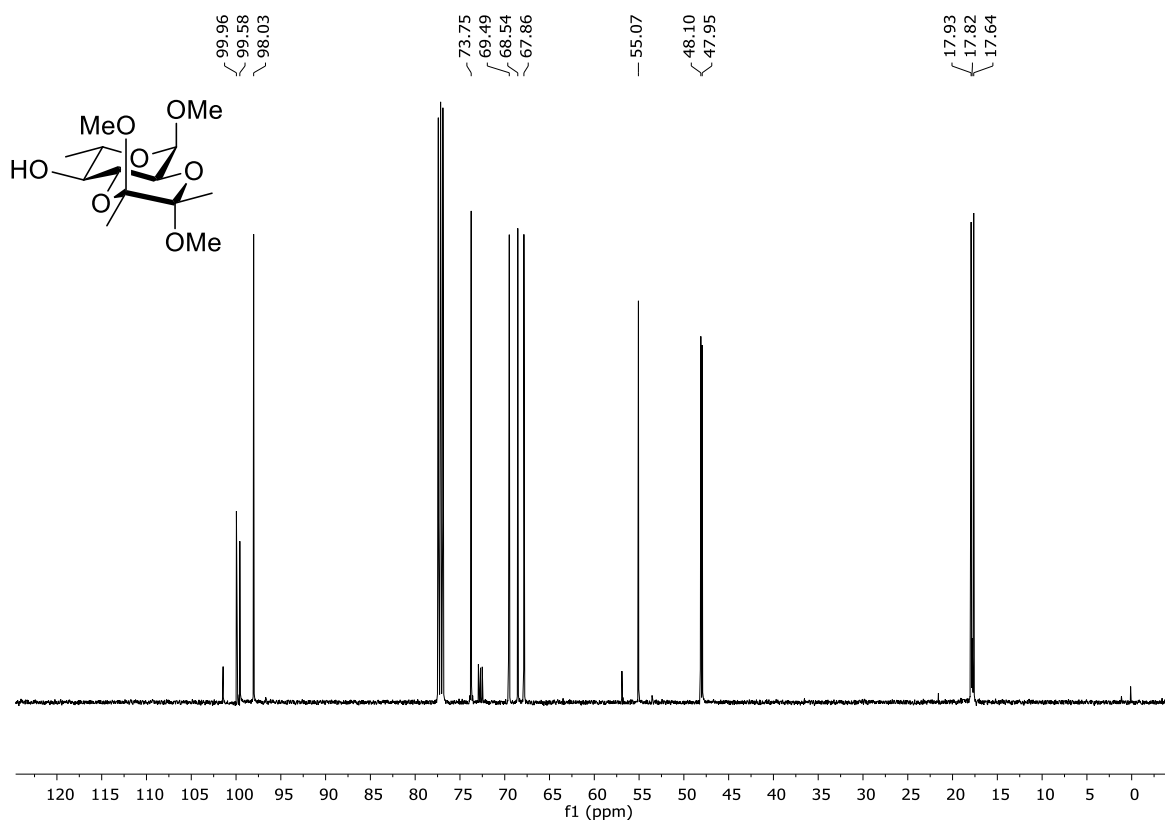
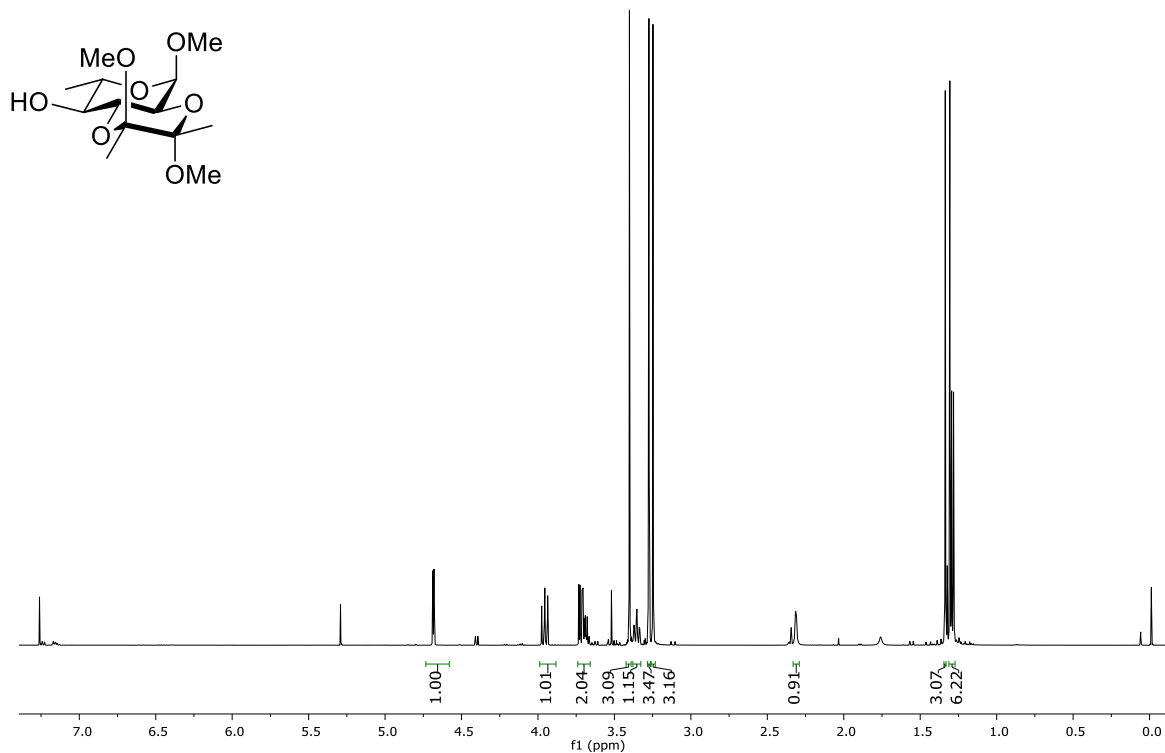


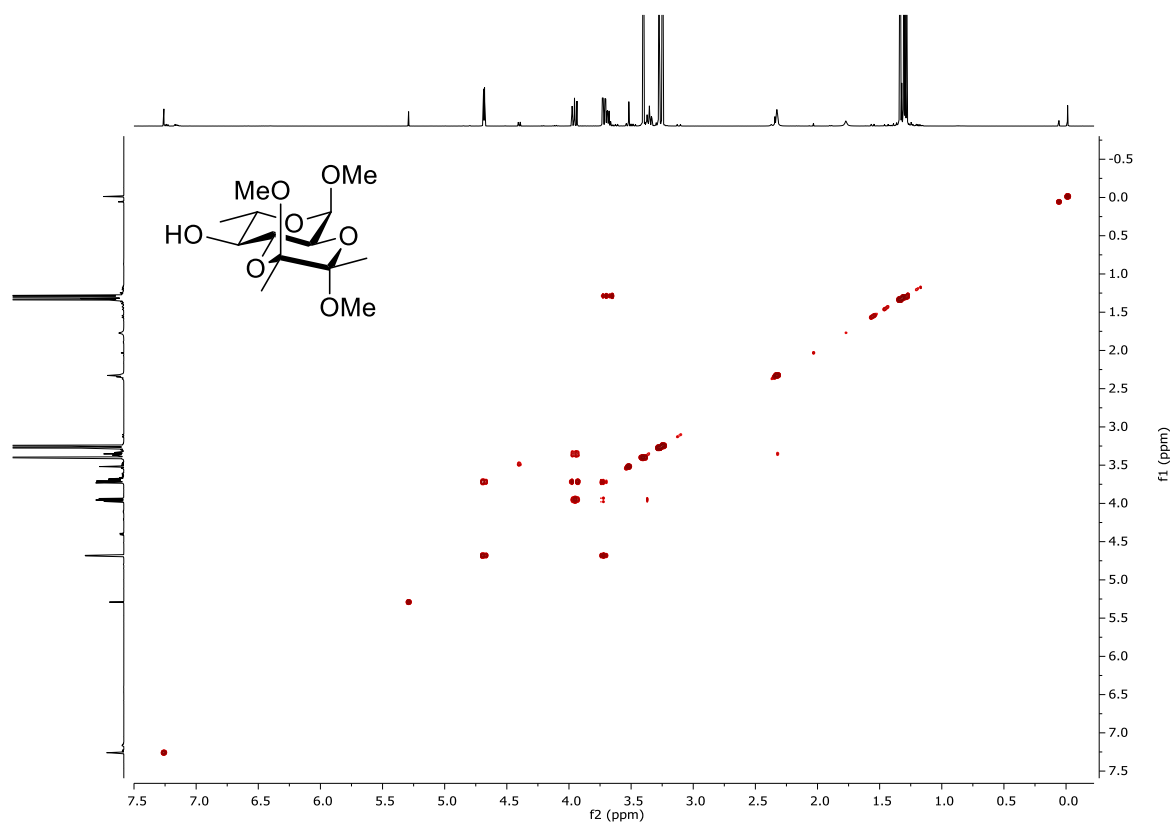
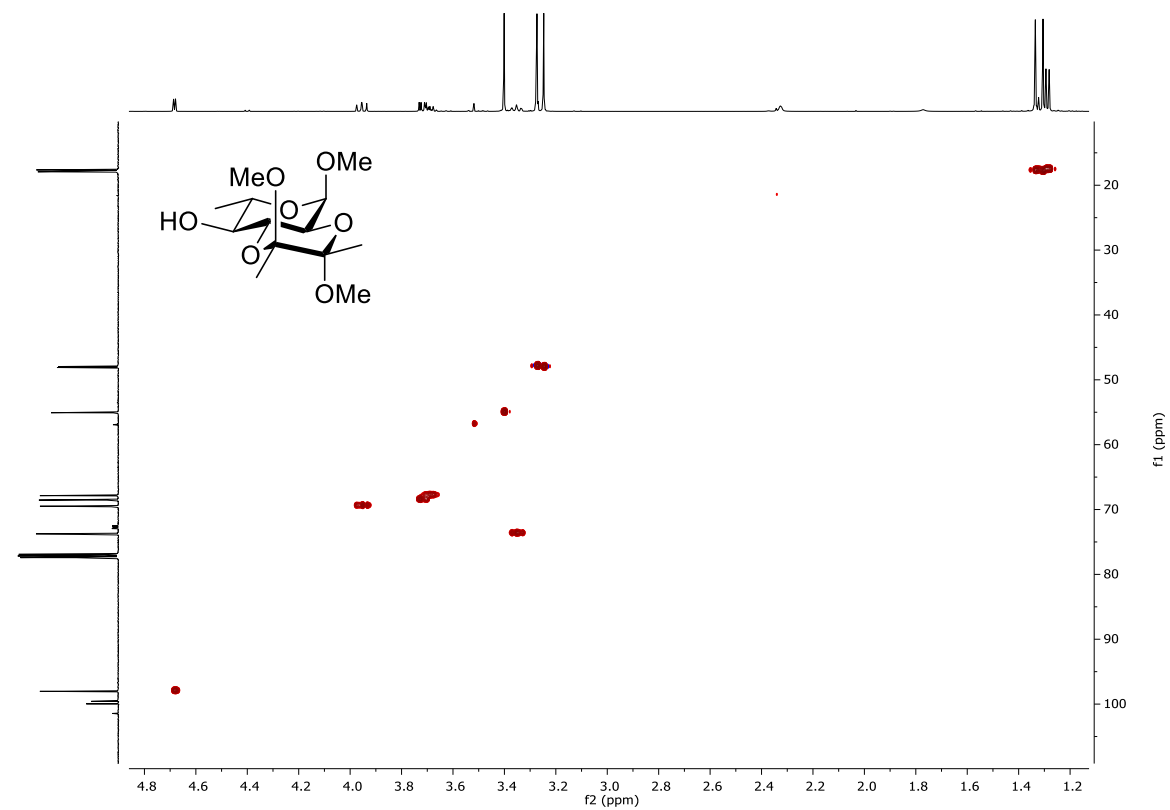
Methyl 4-O-acetyl-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-quinovopyranoside (17)



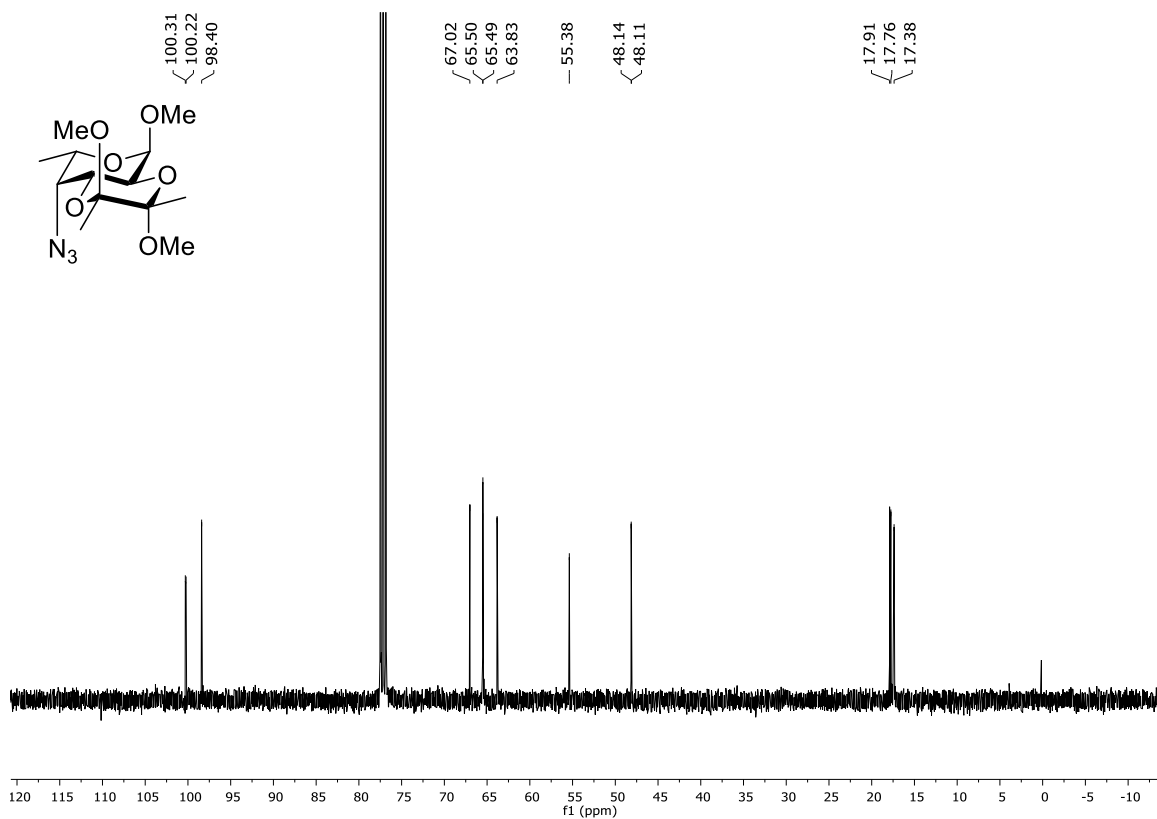
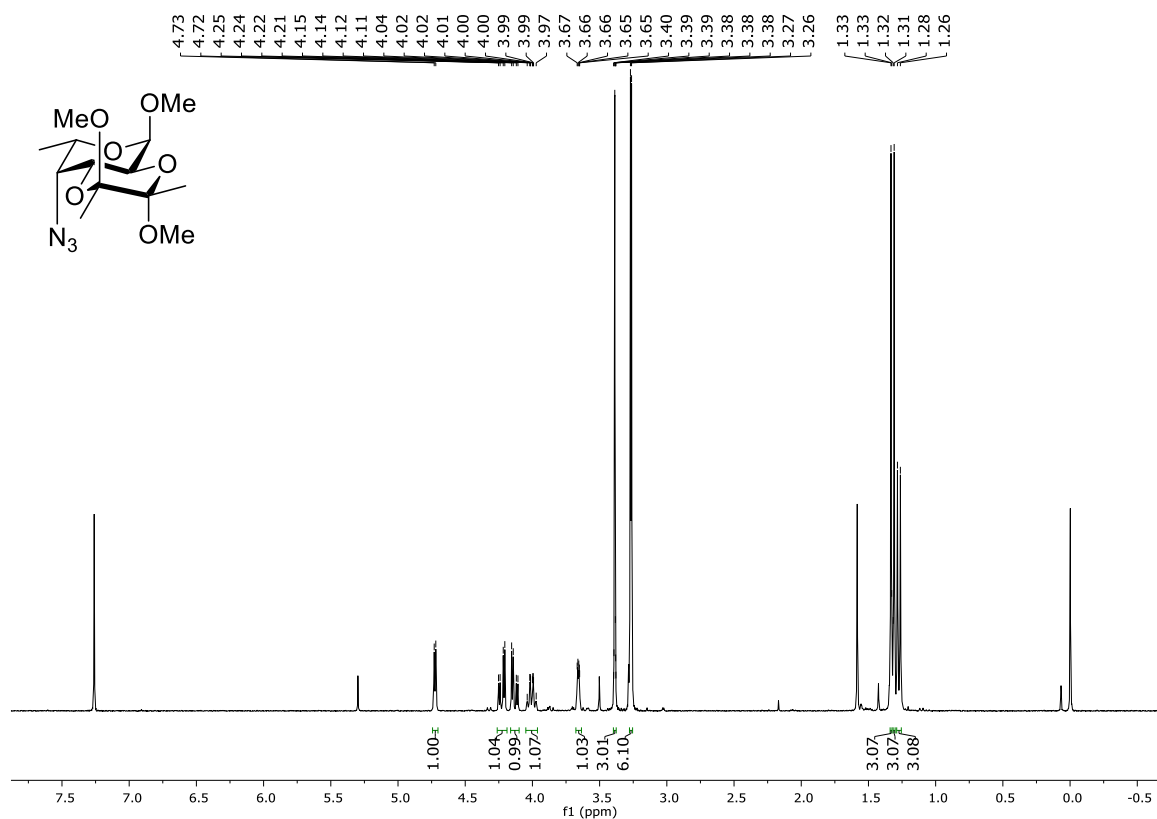


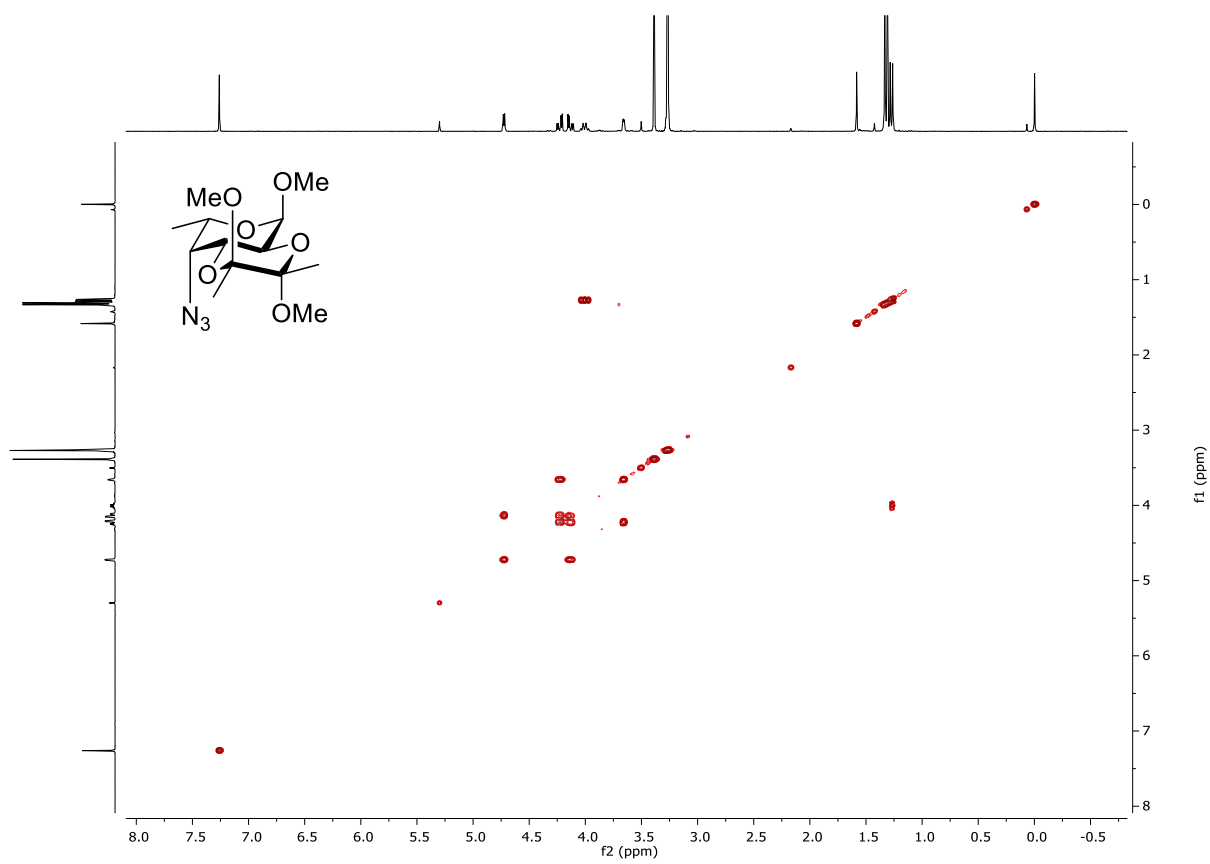
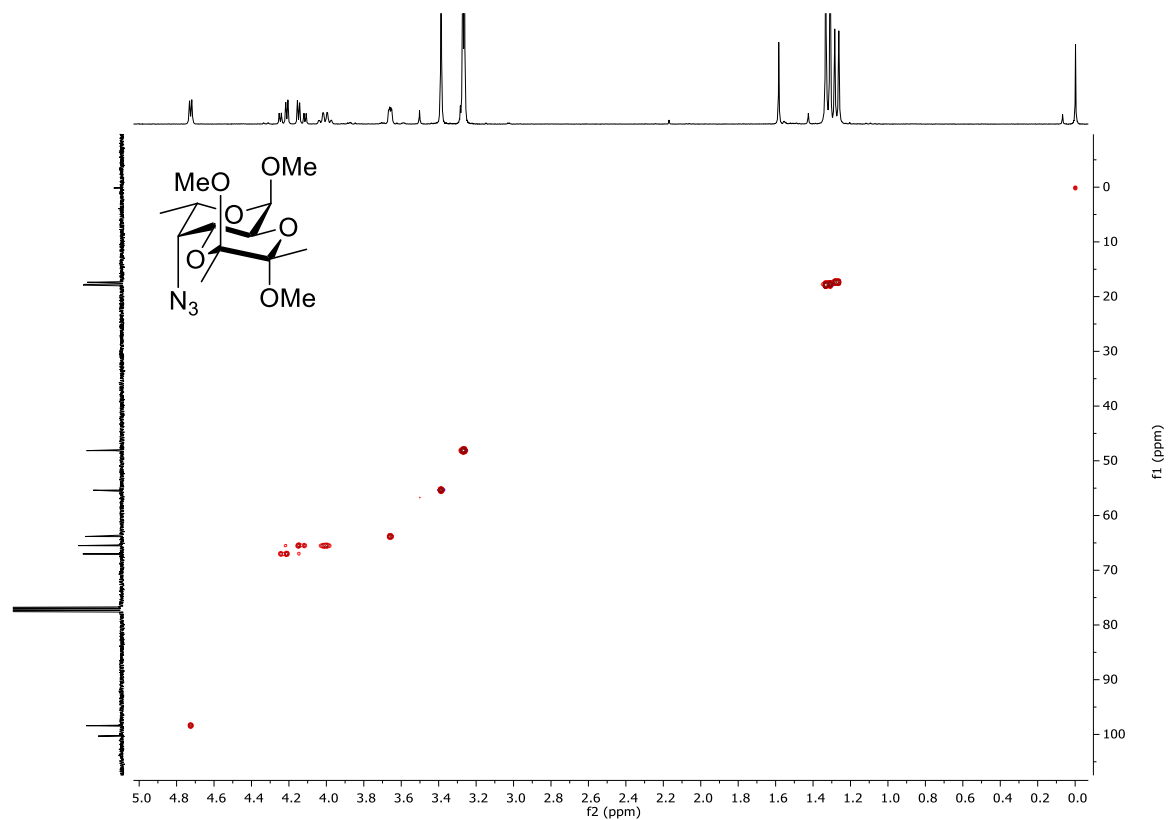
Methyl 2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-quinovopyranoside (18)



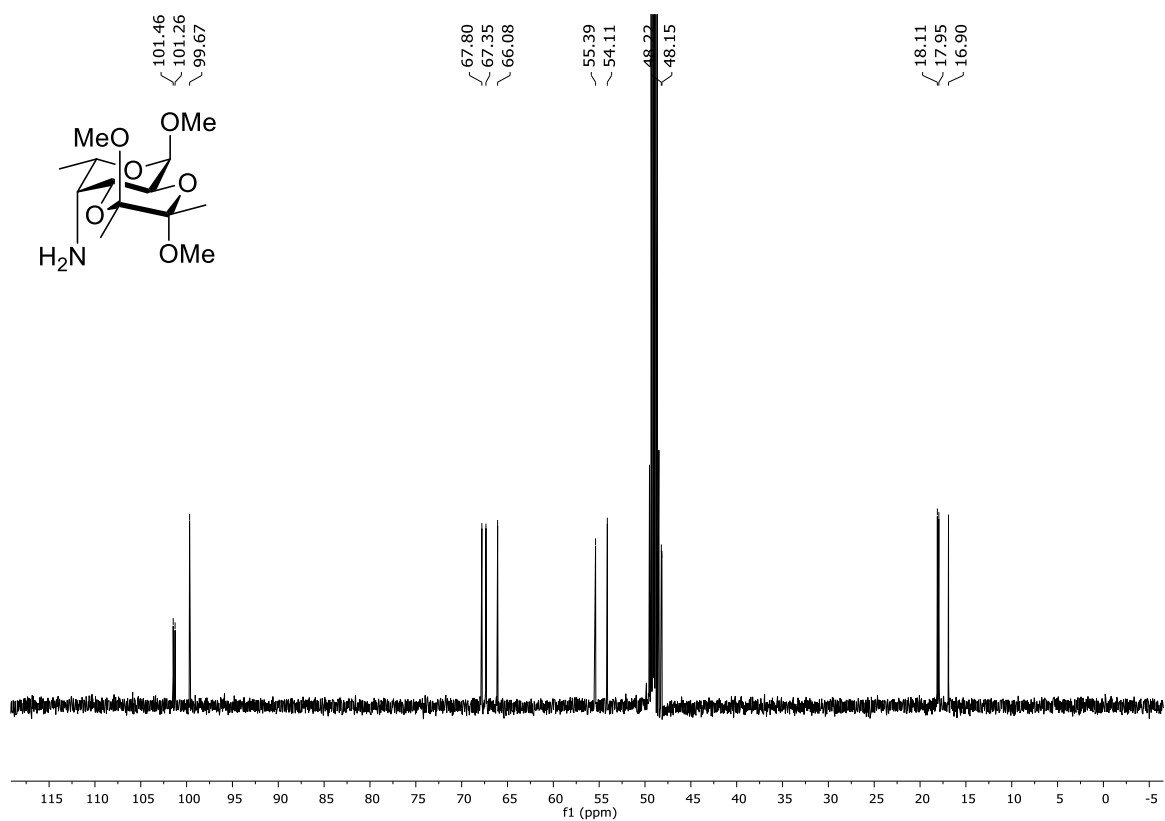
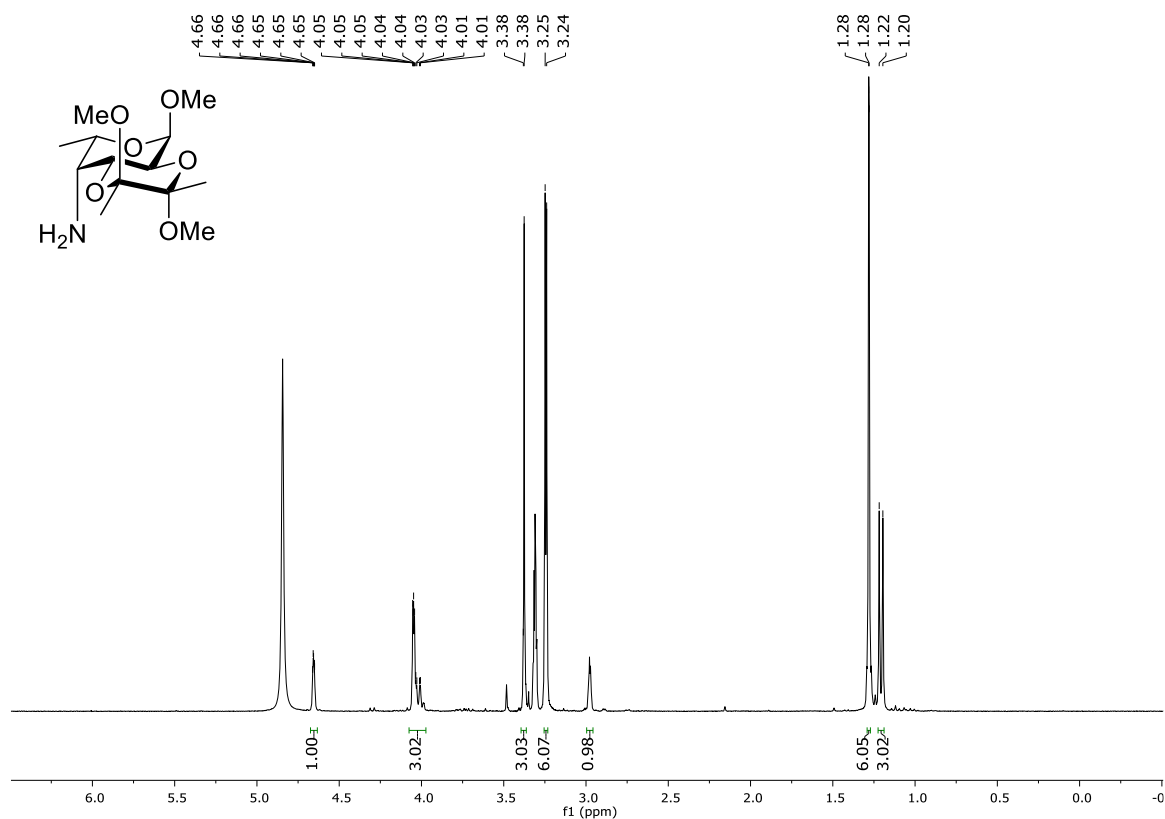


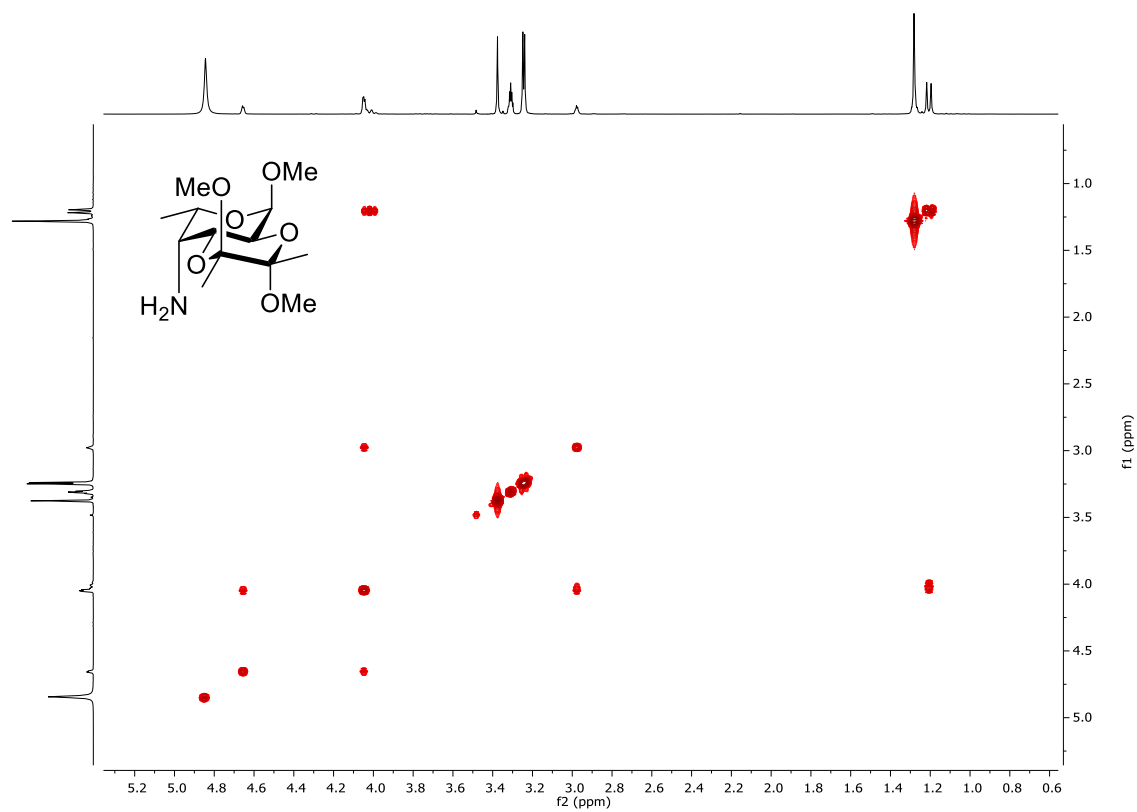
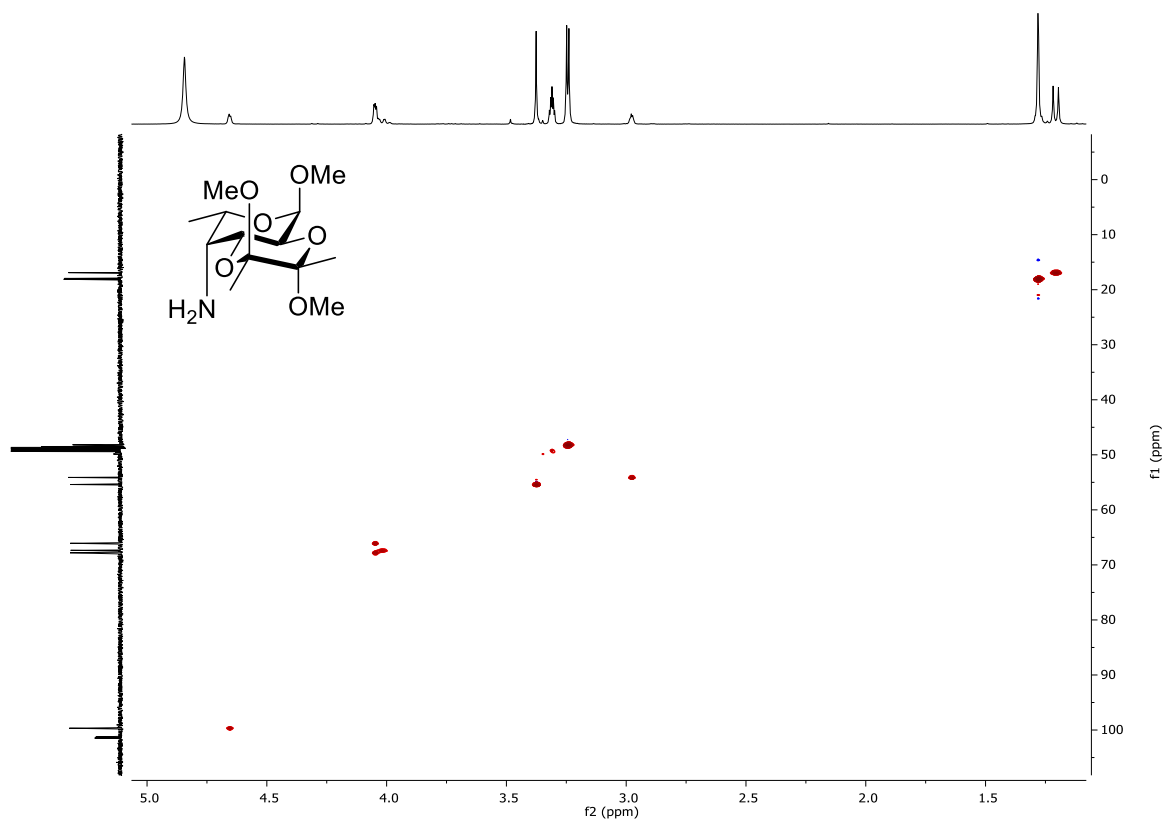
Methyl 4-azido-4-deoxy-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-fucopyranoside (19)



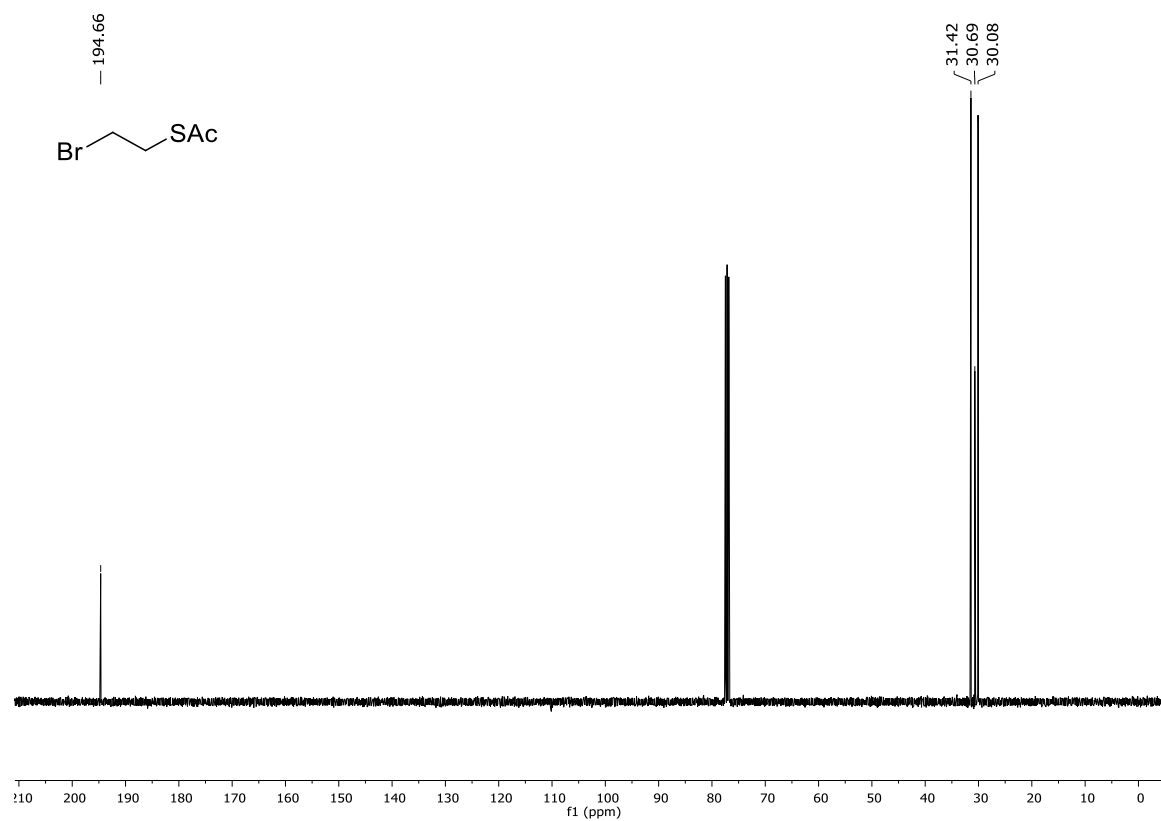
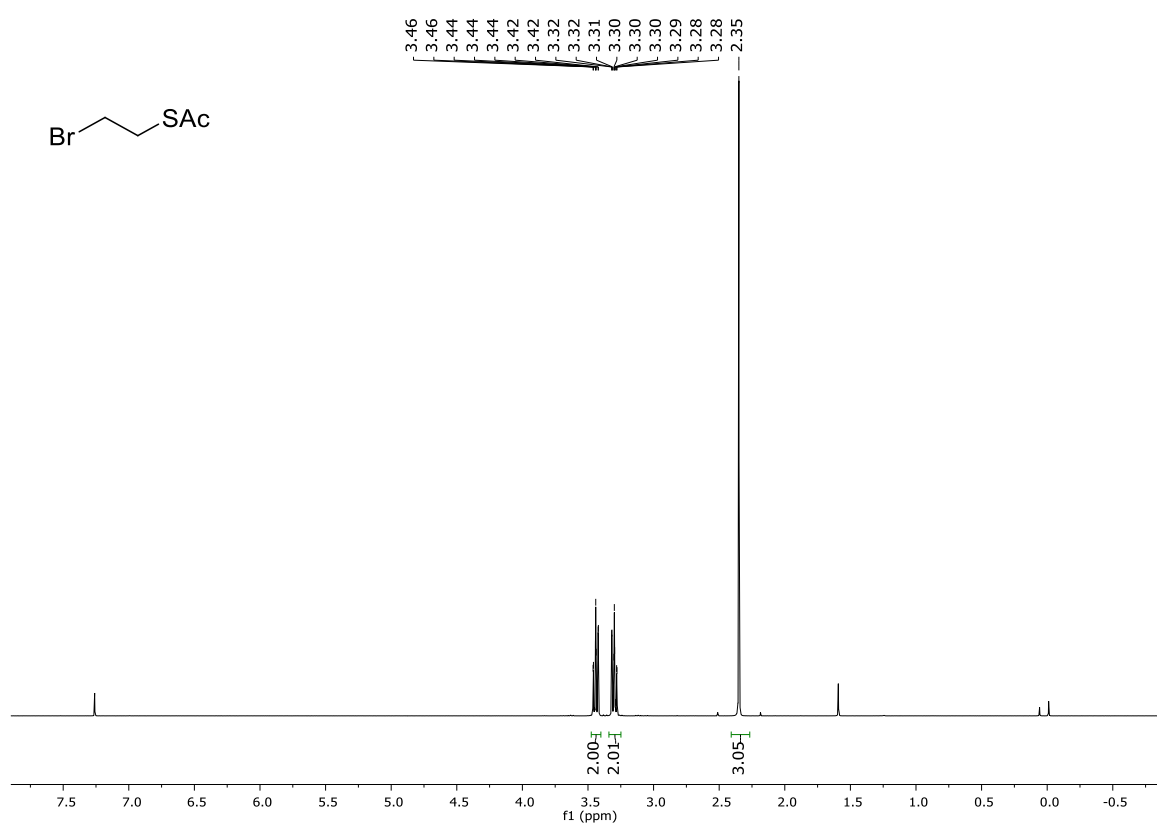


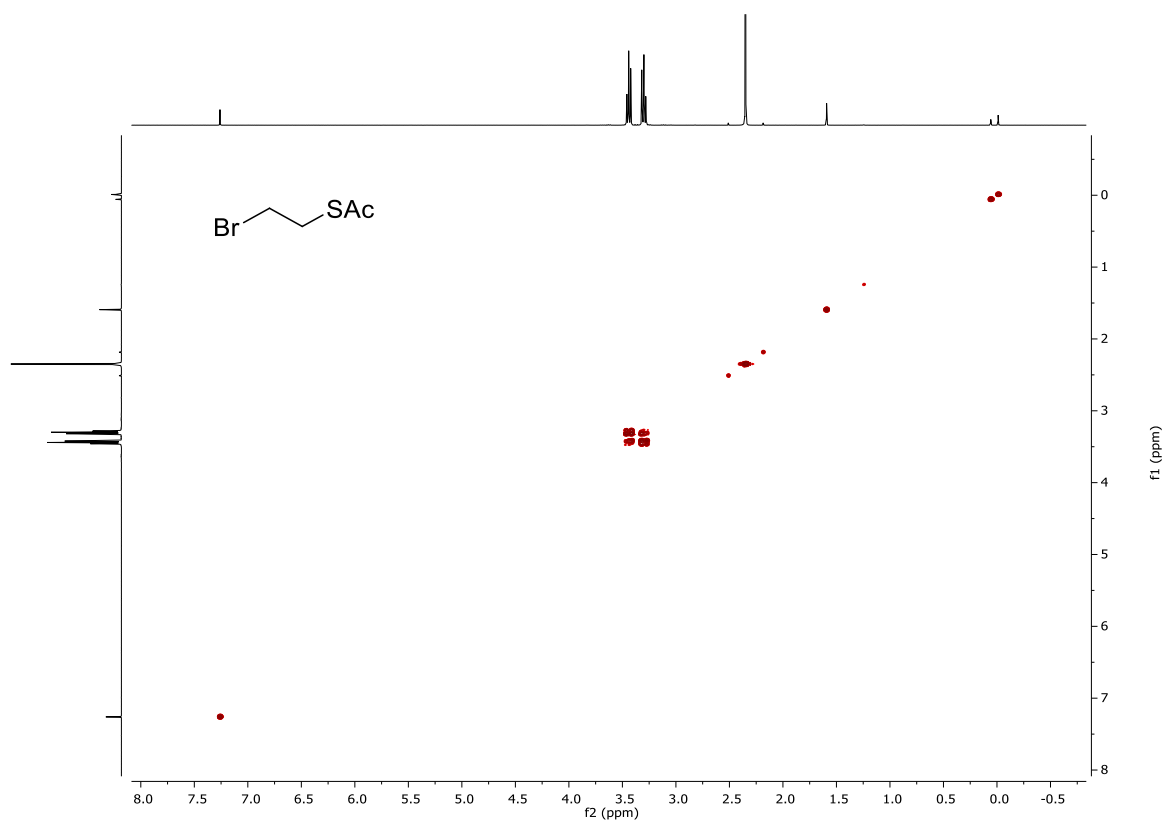
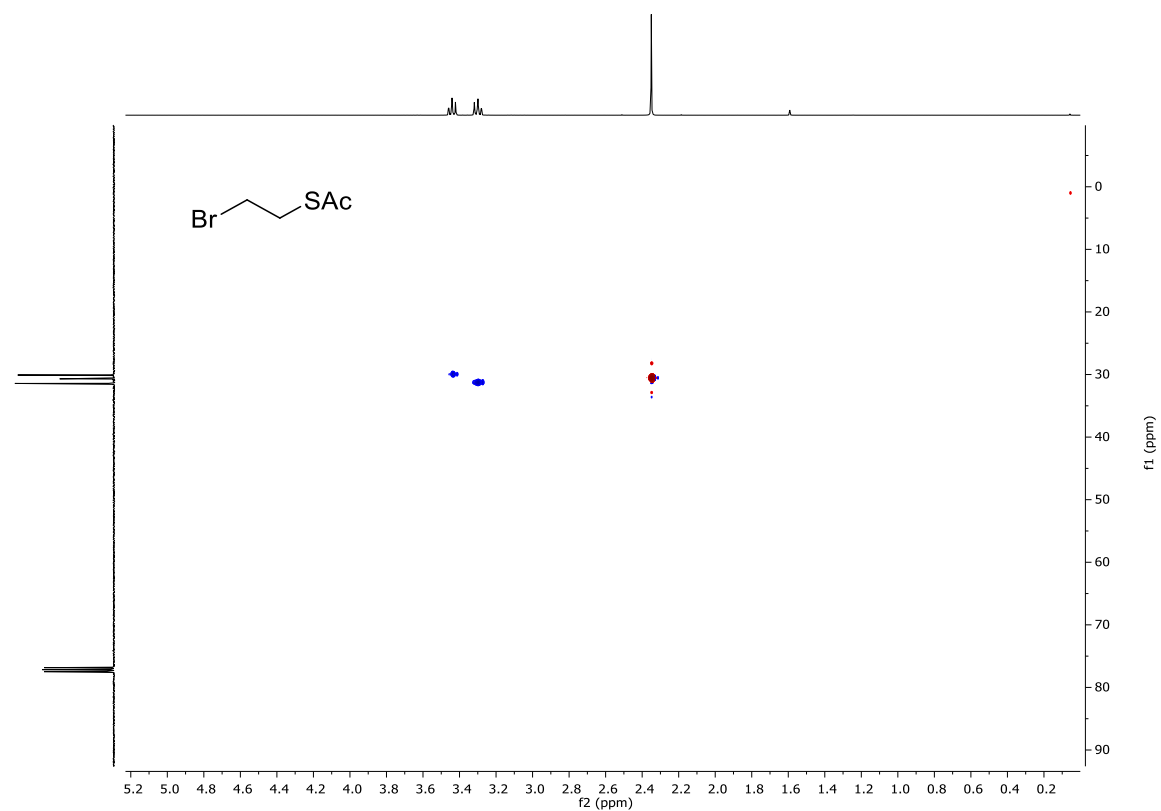
Methyl 4-amino-4-deoxy-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-fucopyranoside (20)



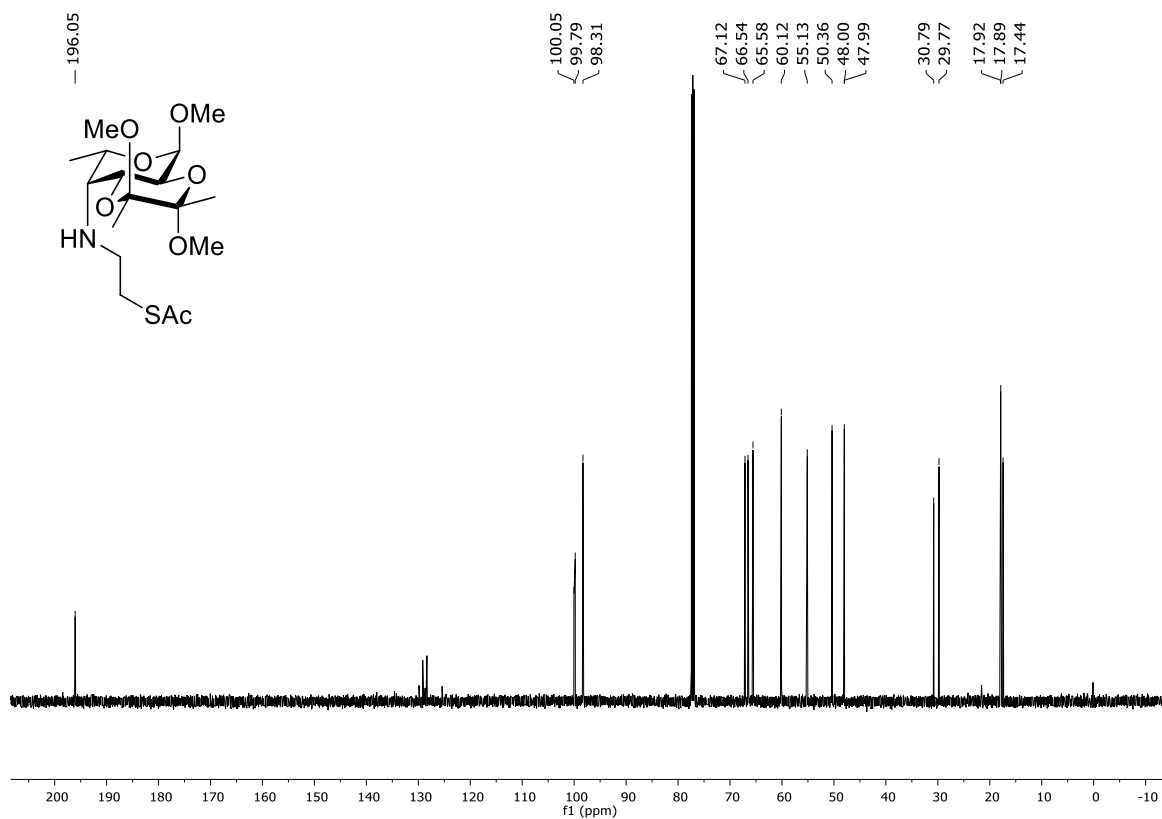
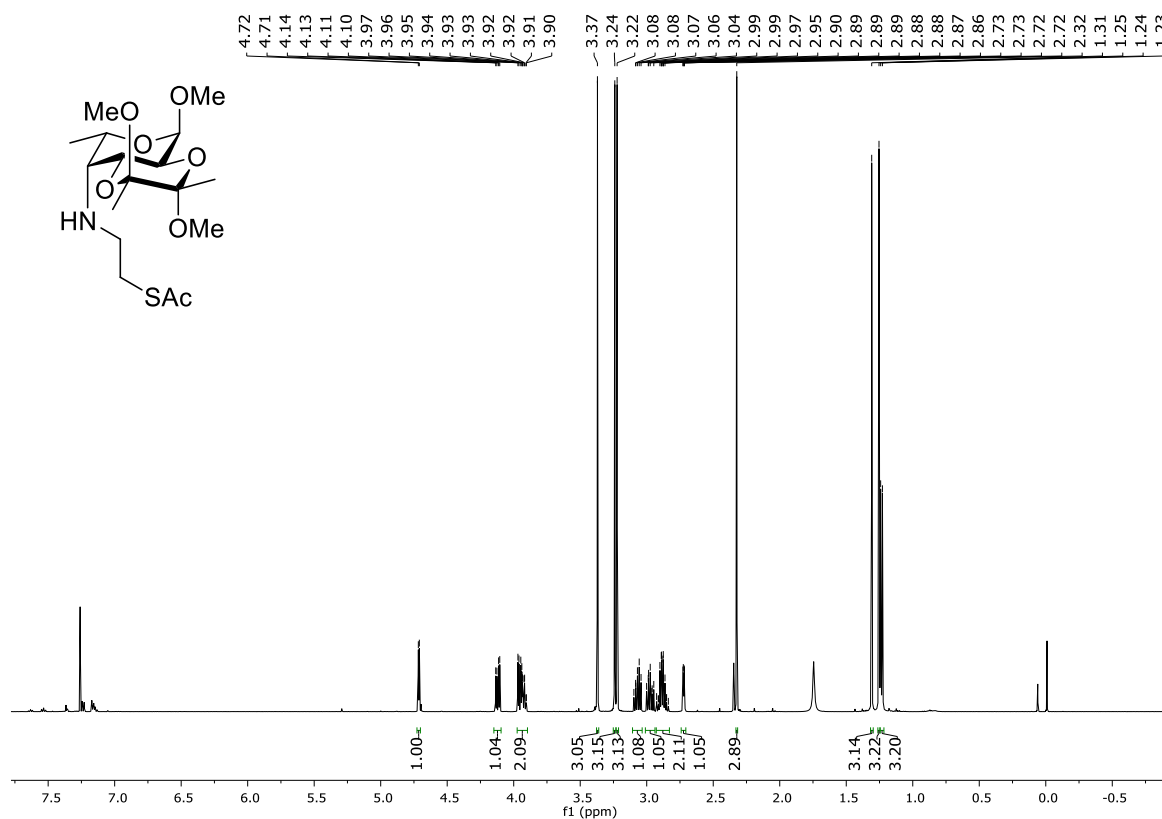


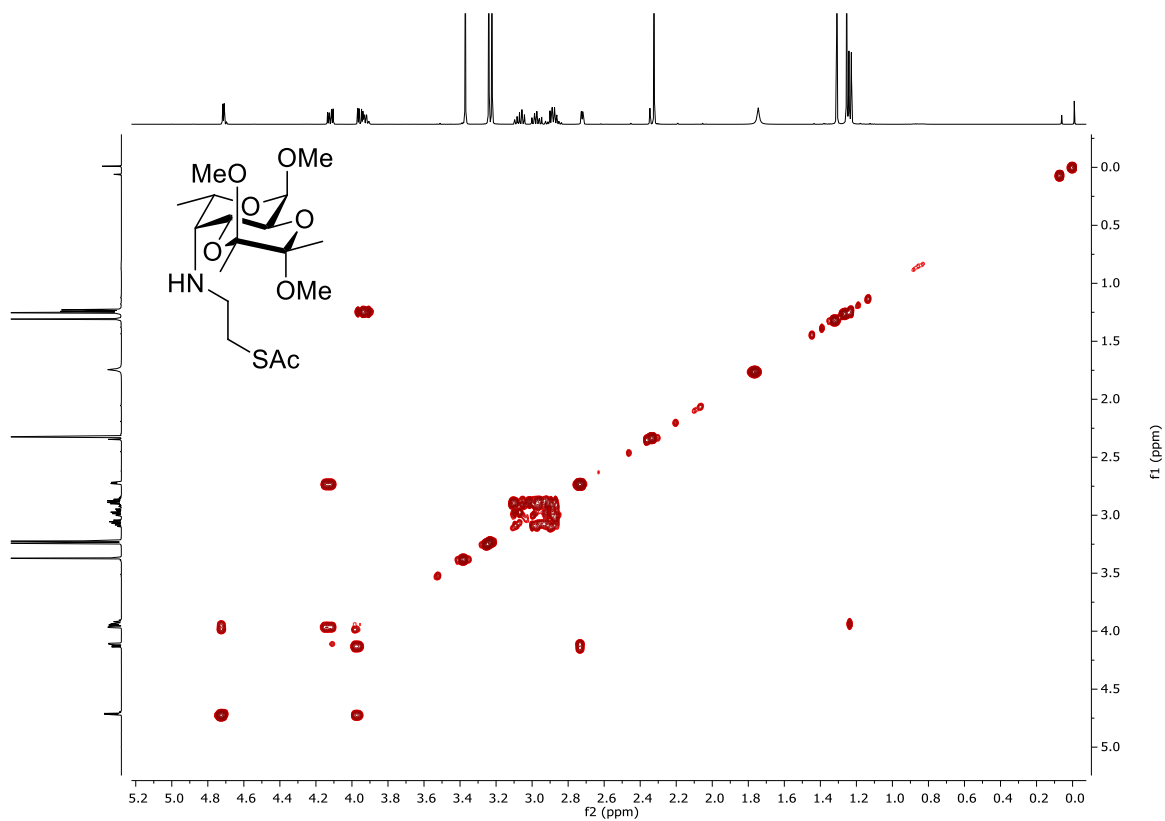
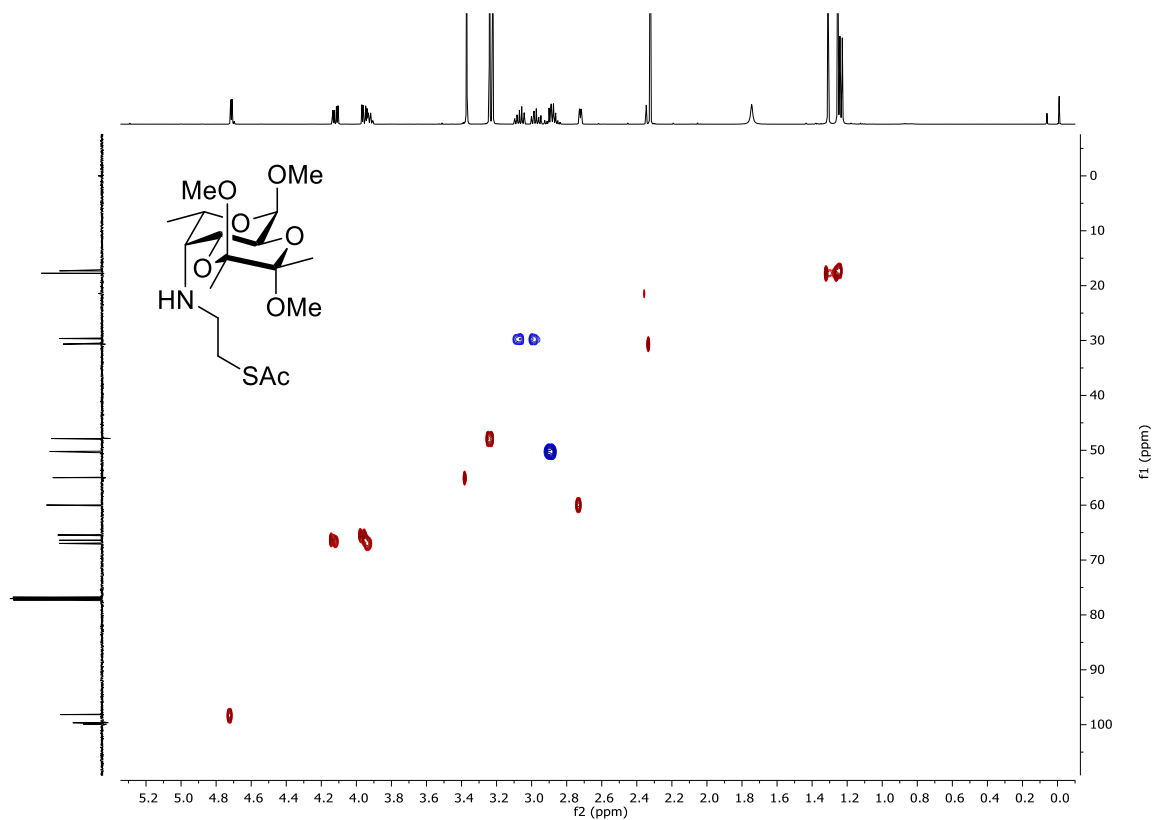
2-Bromoethyl thioacetate (21) [Ref. 31]



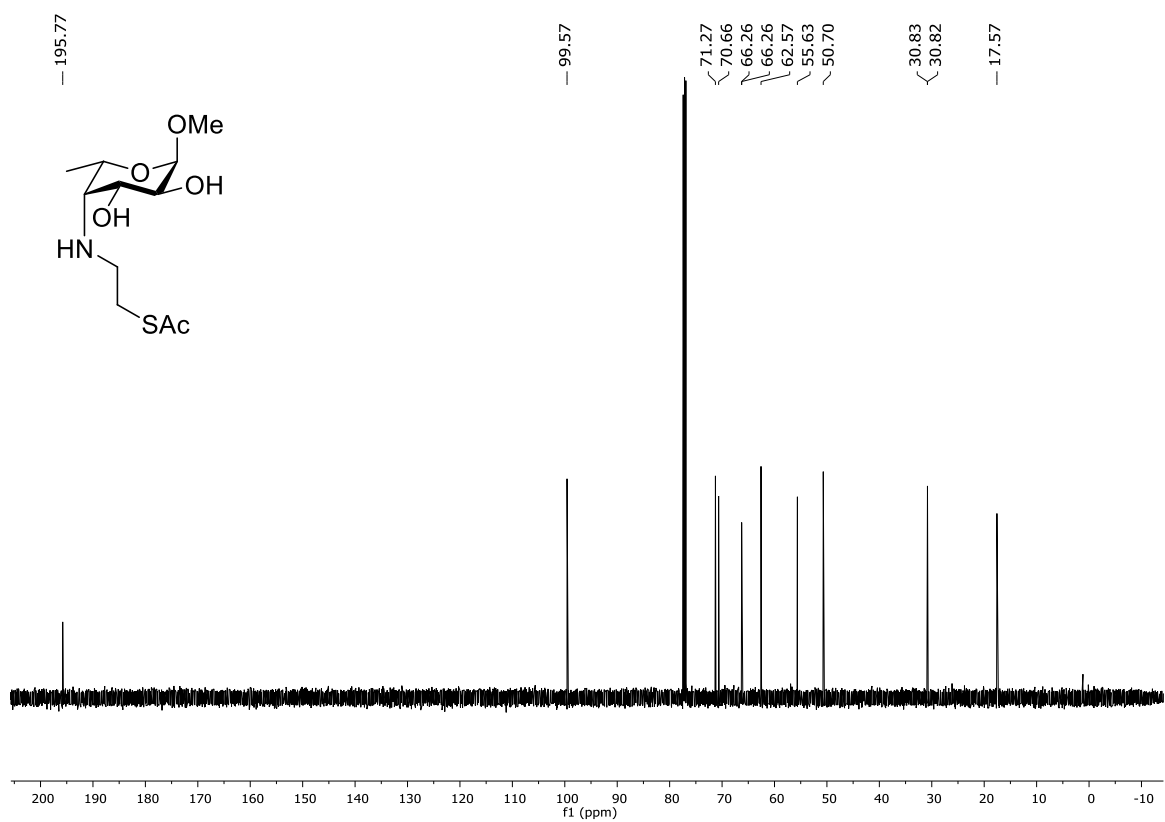
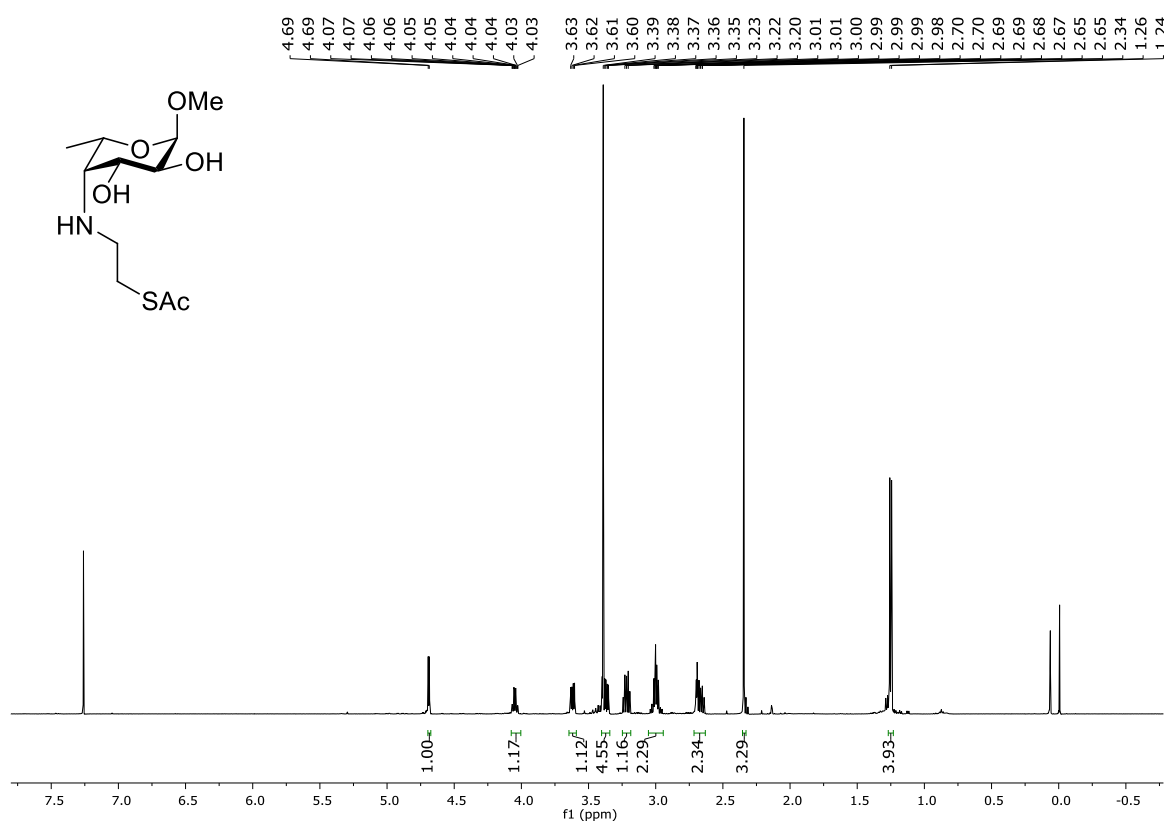


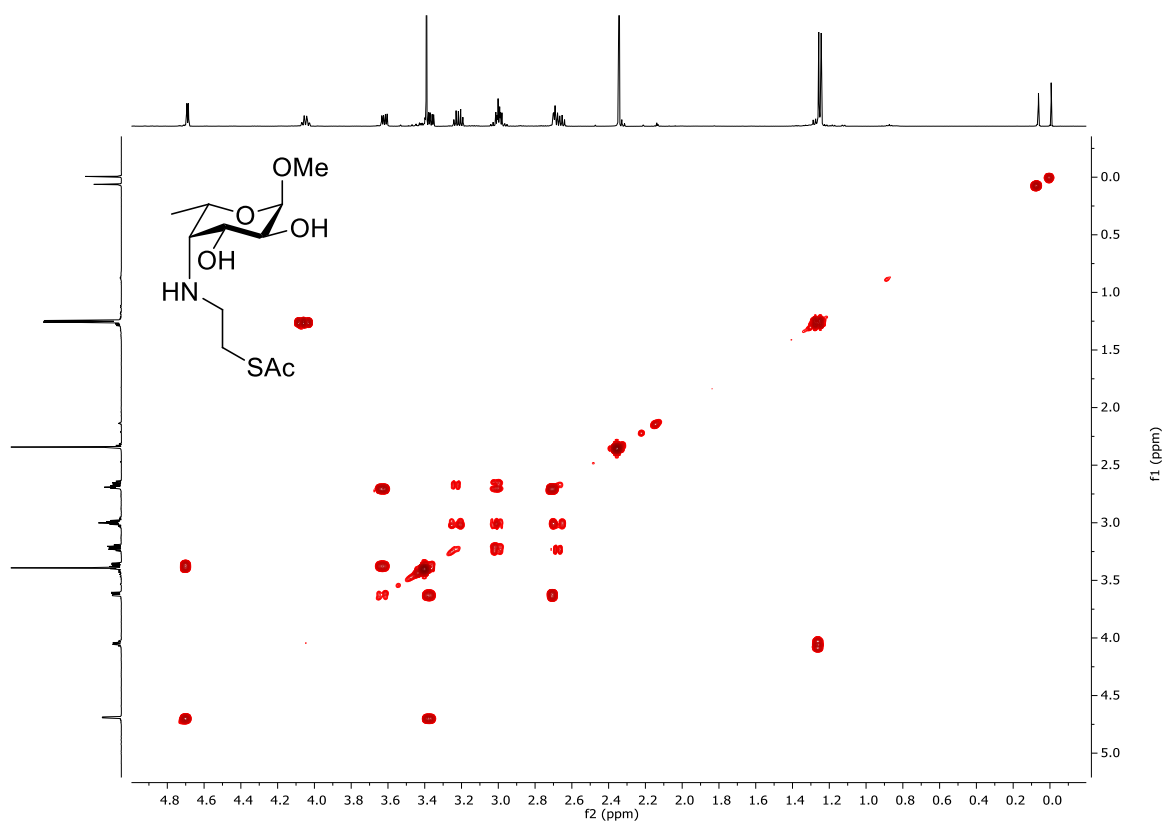
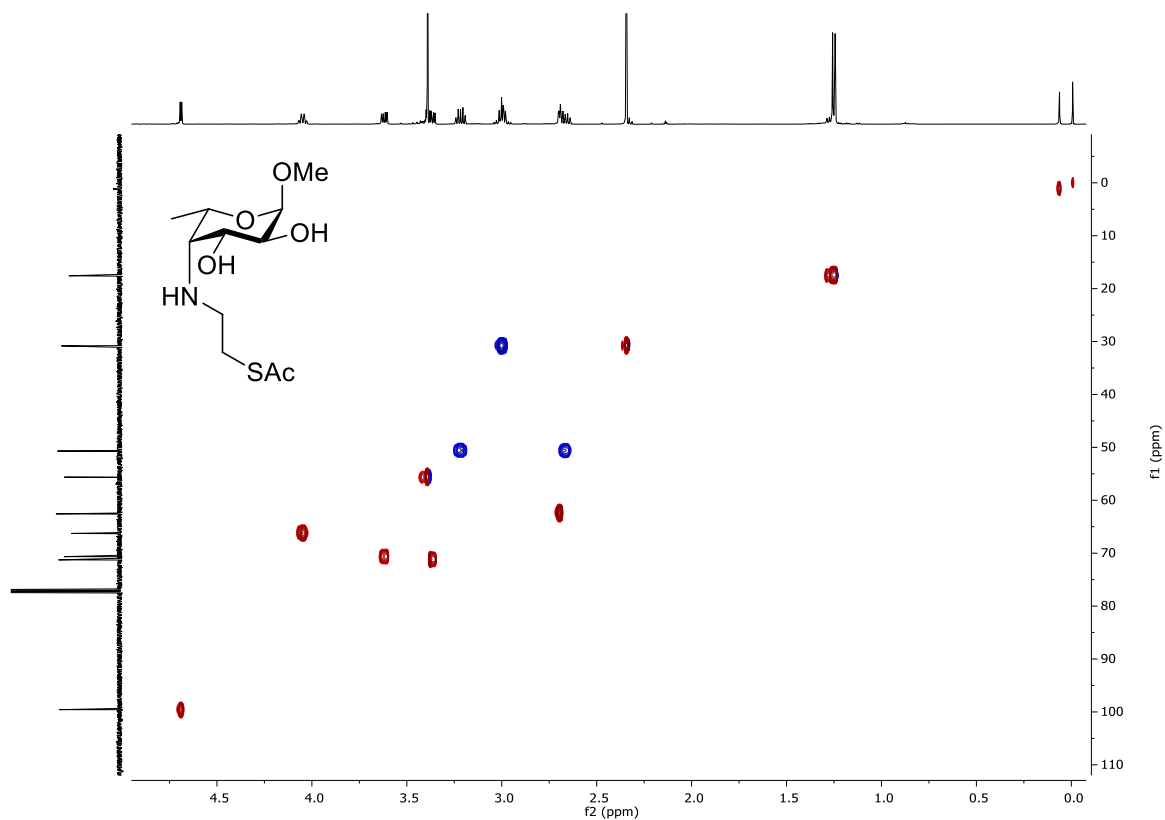
Methyl 4-[(2-acetylthioethyl)amino]-4-deoxy-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-fucopyranoside (22)



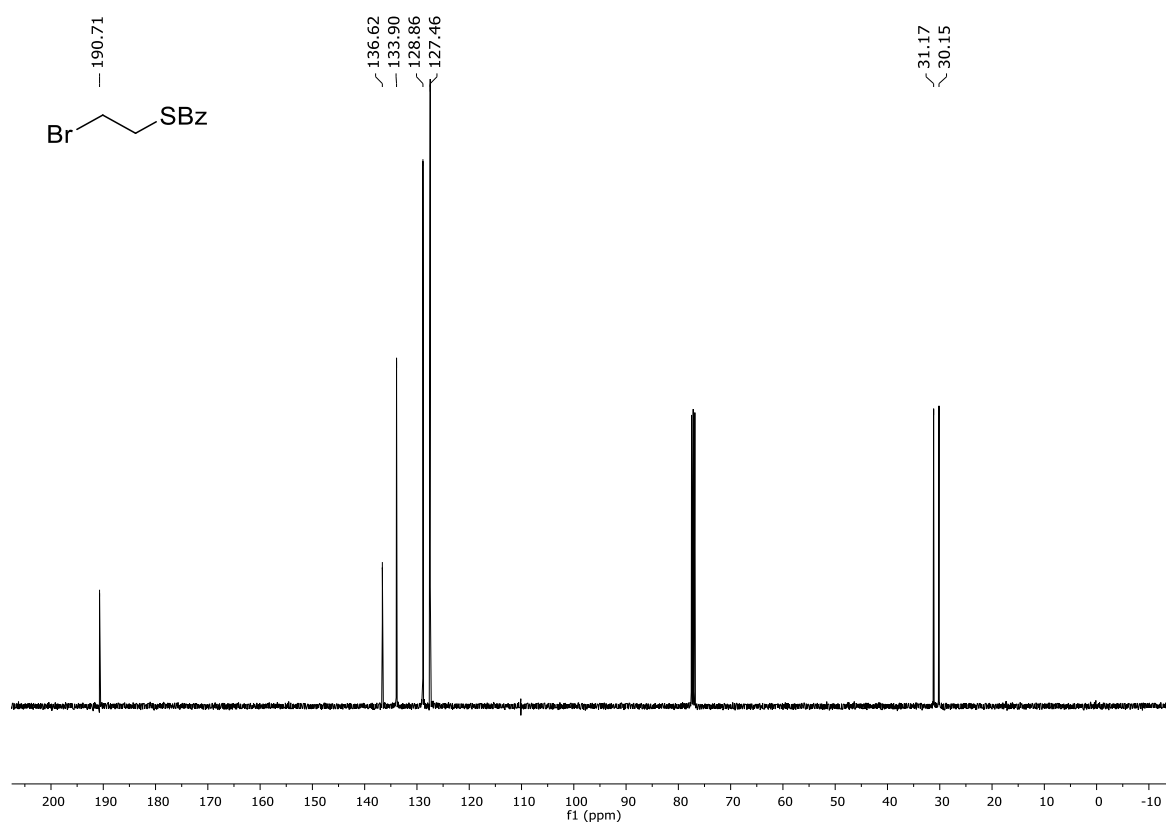
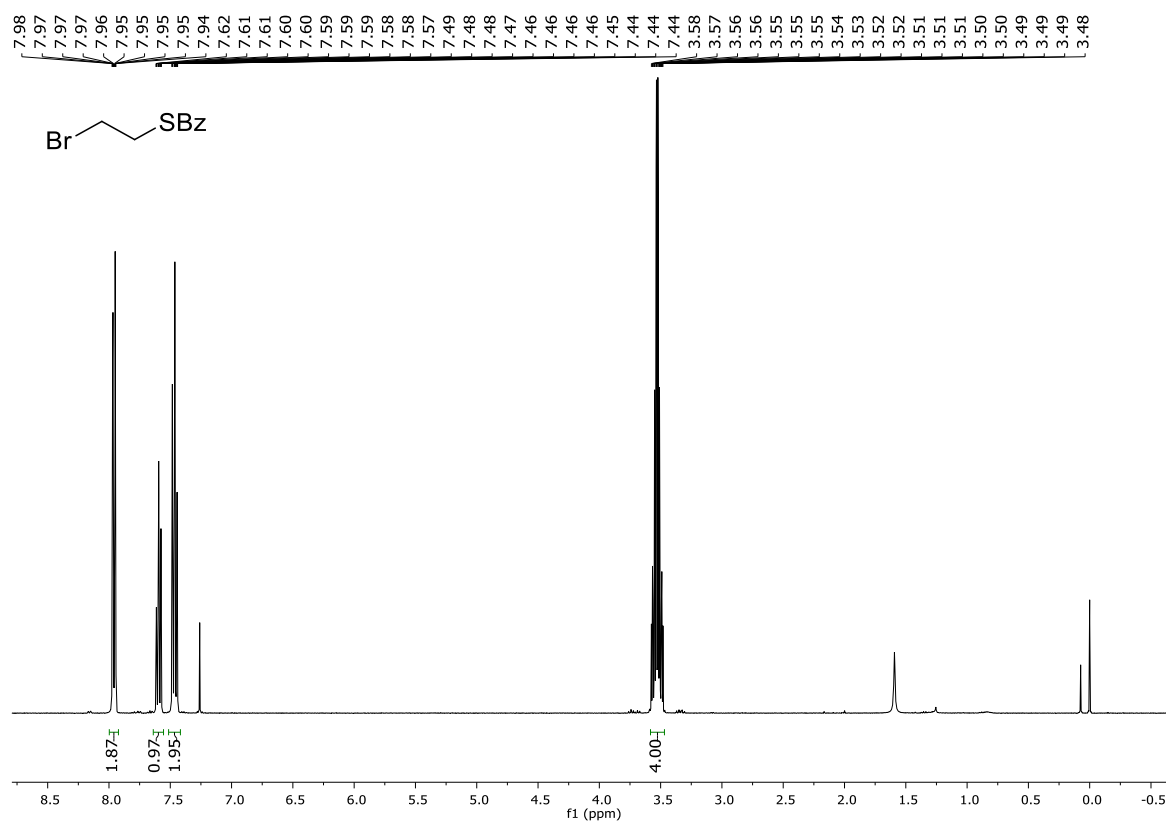


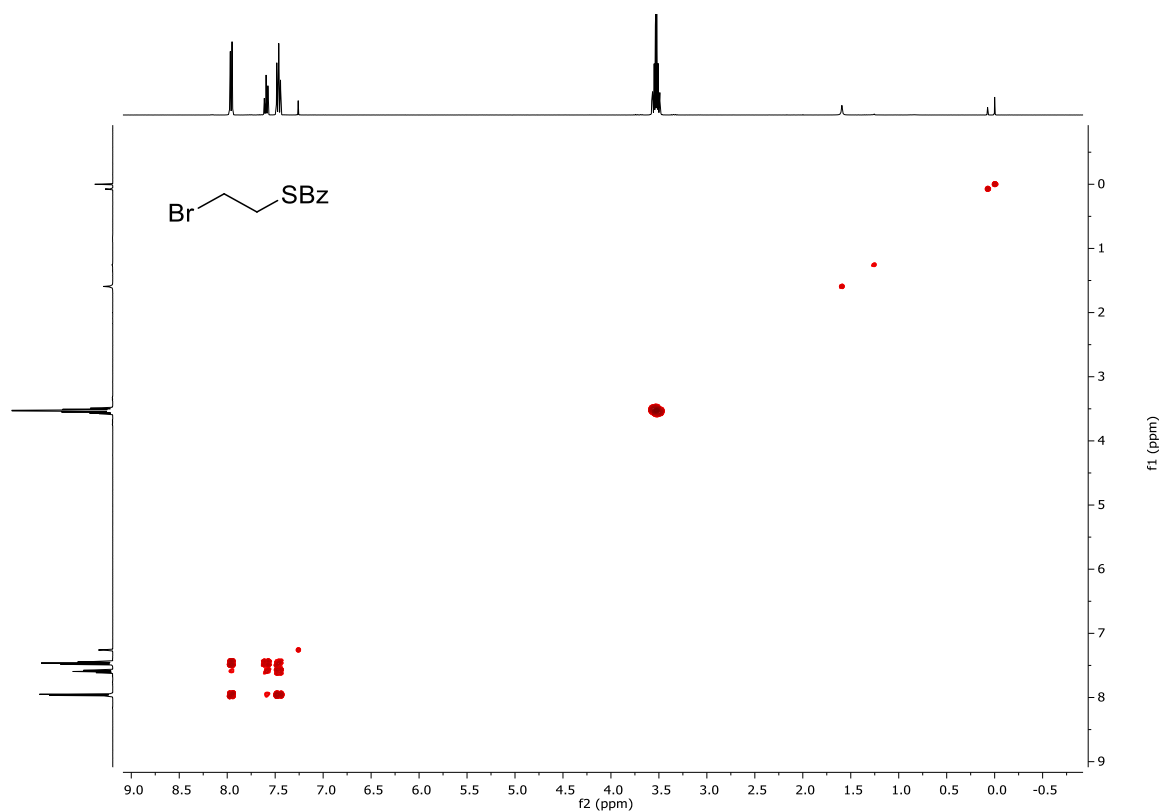
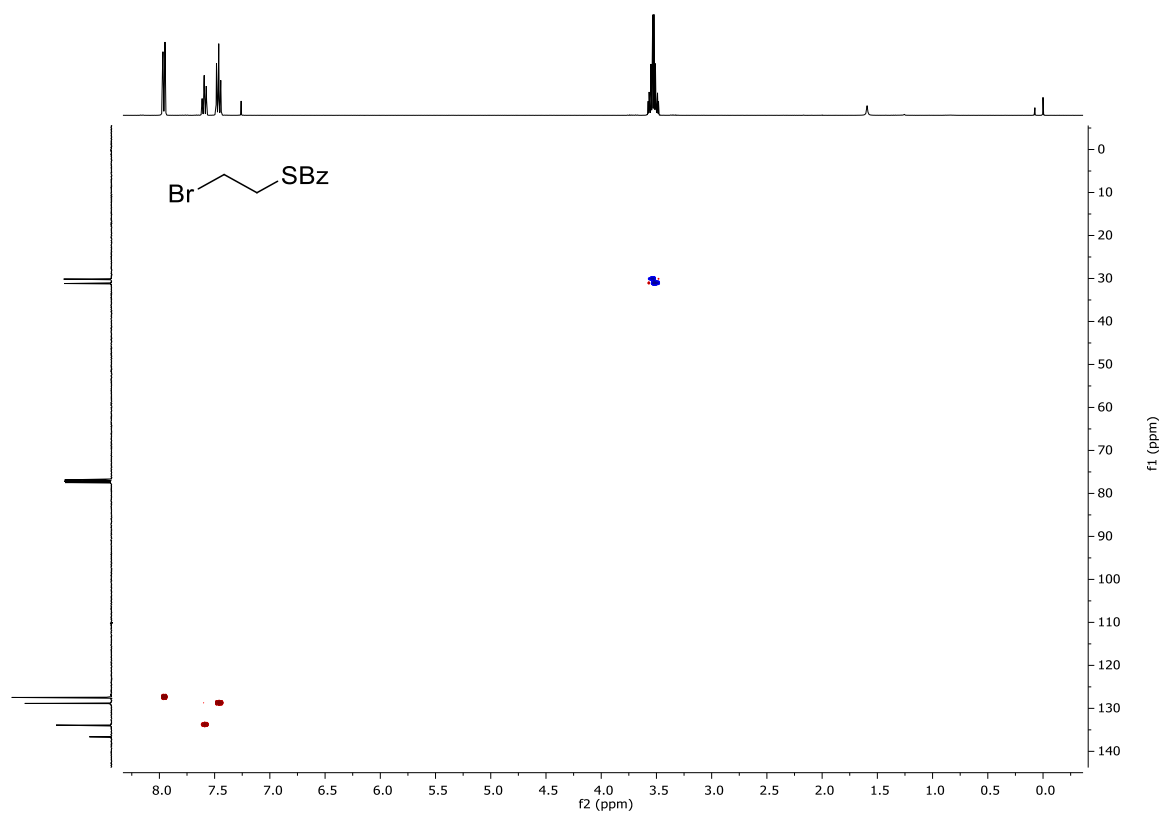
Methyl 4-[(2-acetylthioethyl)amino]-4-deoxy- α -L-fucopyranoside (23)



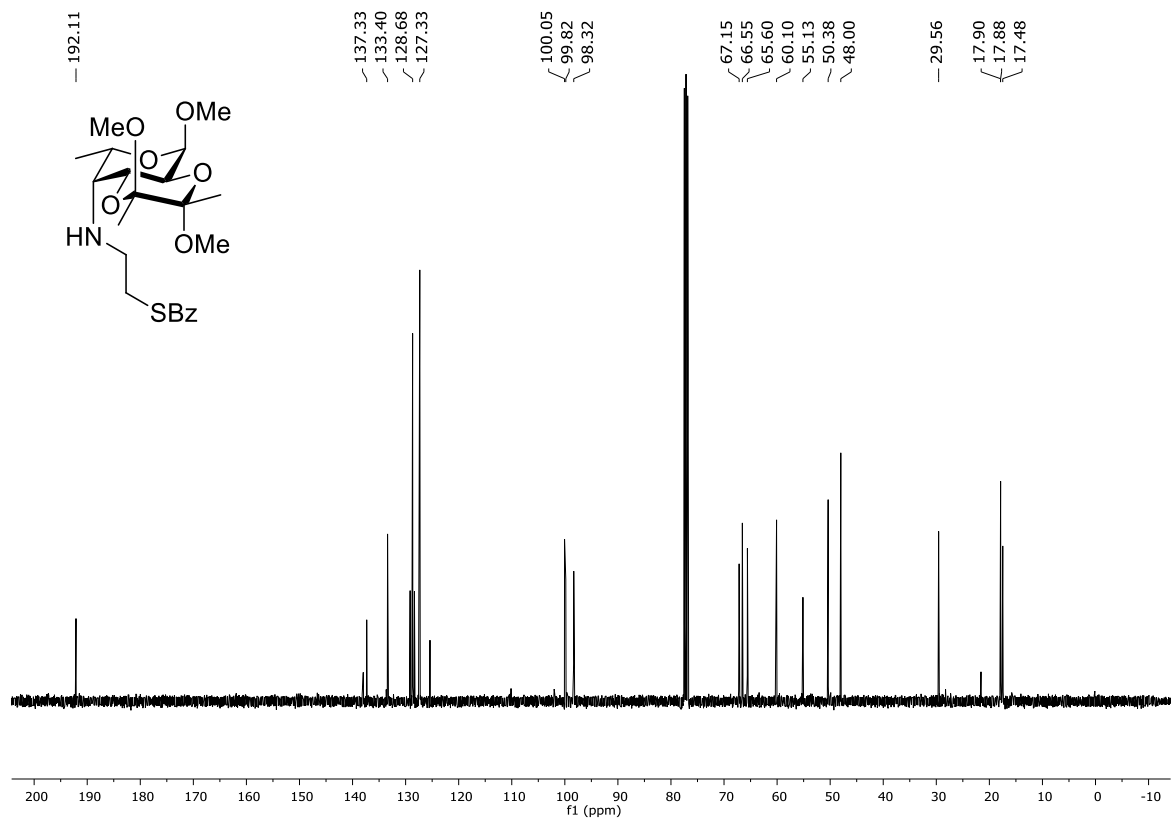
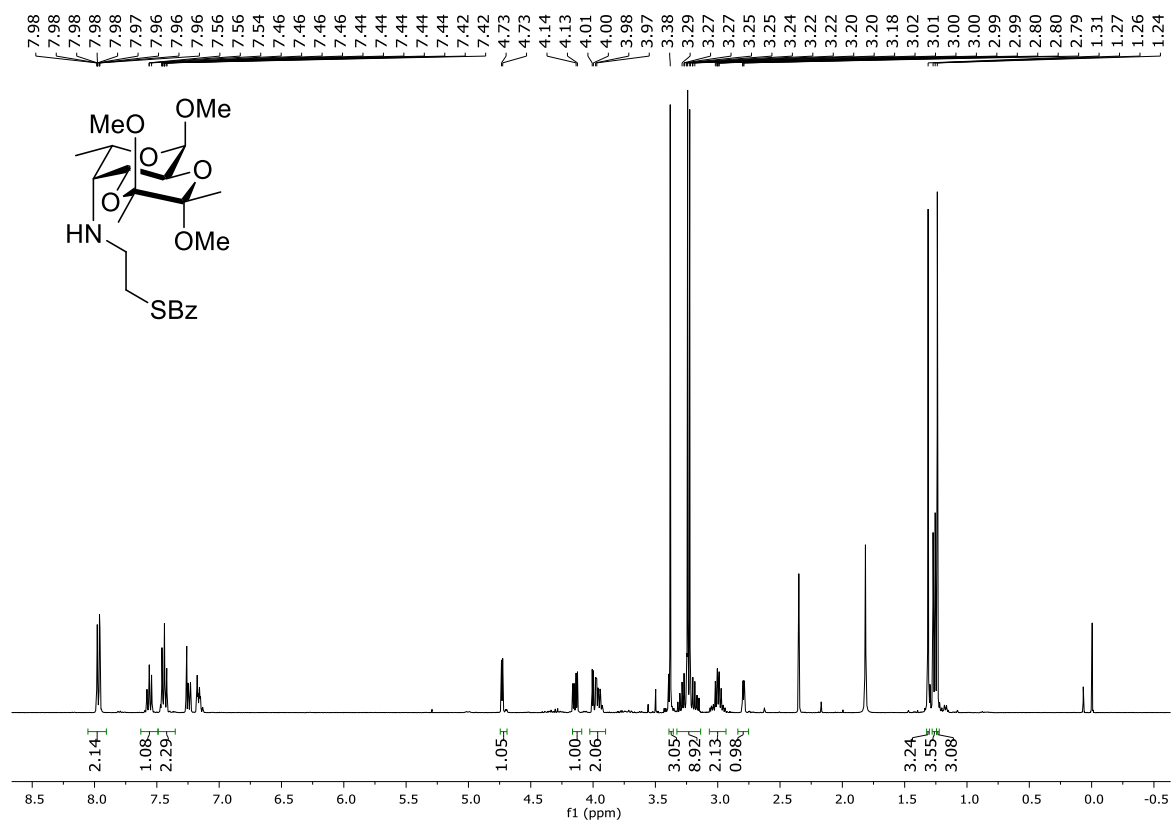


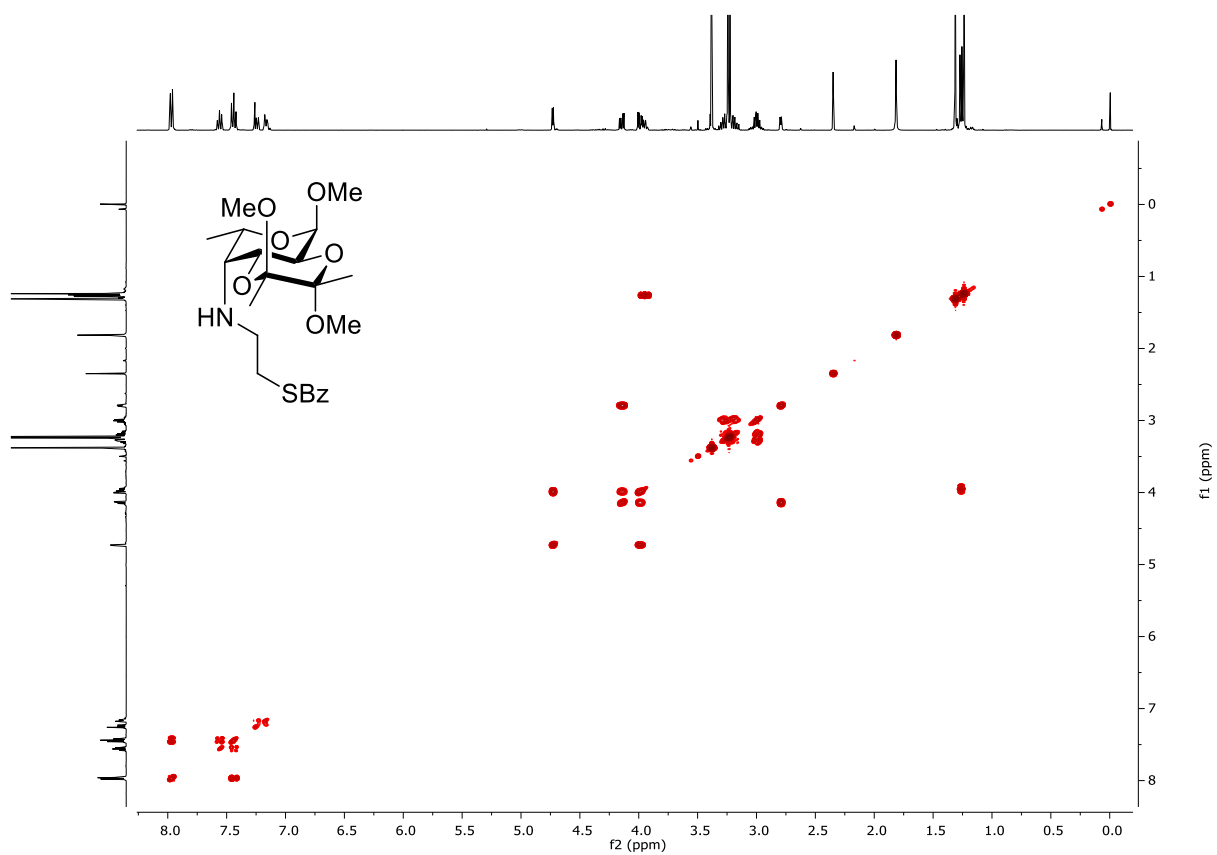
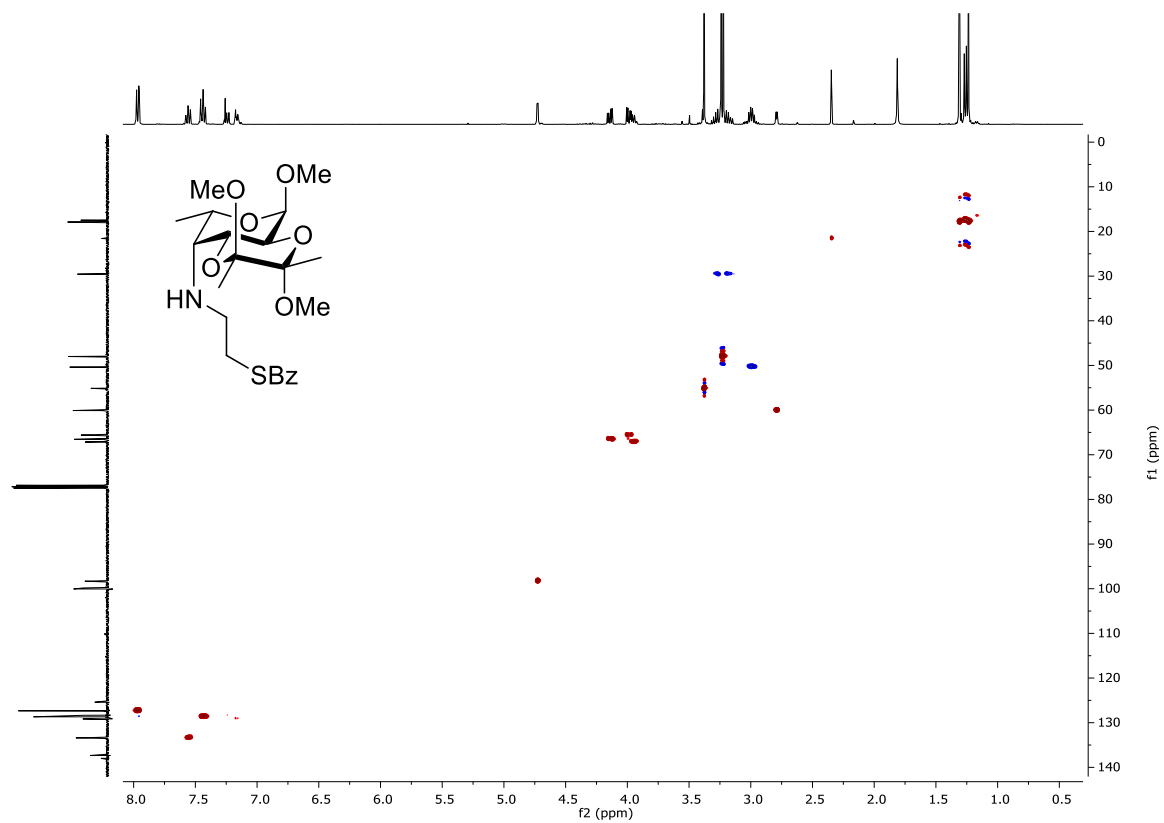
2-Bromoethyl thiobenzoate (24) [Ref. 35]



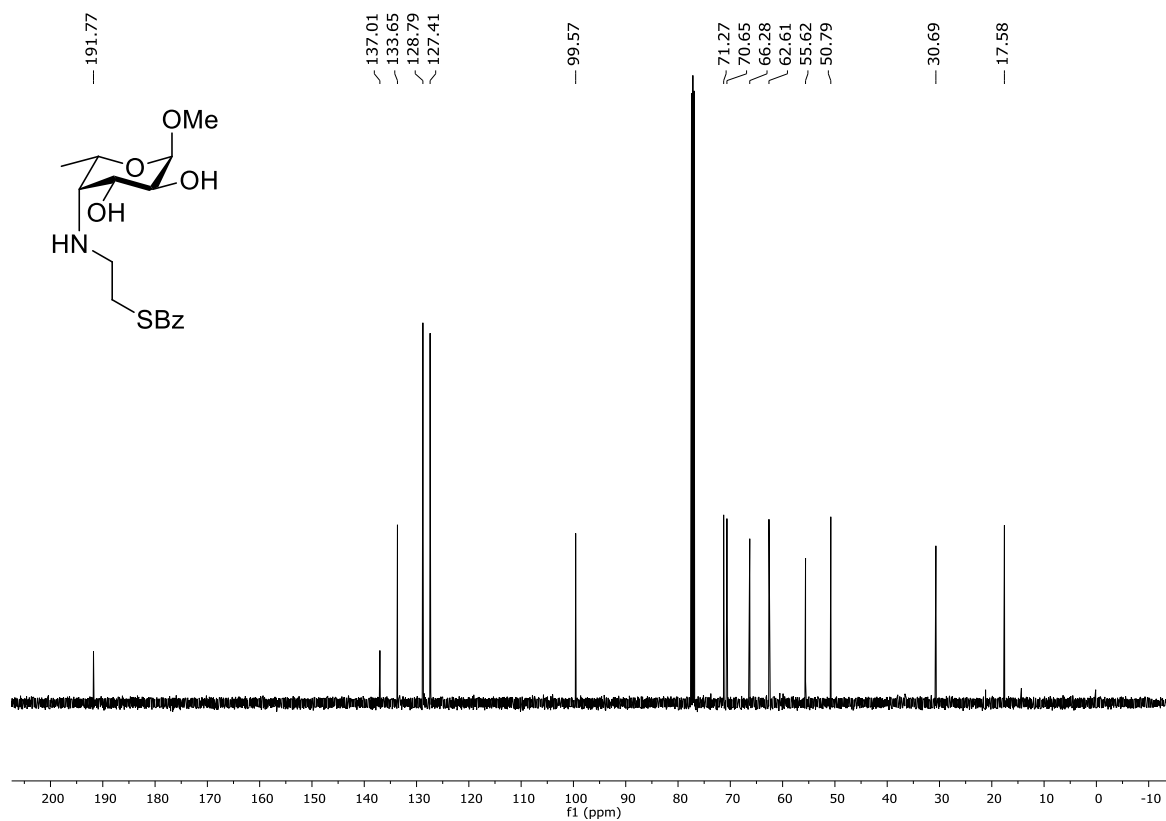
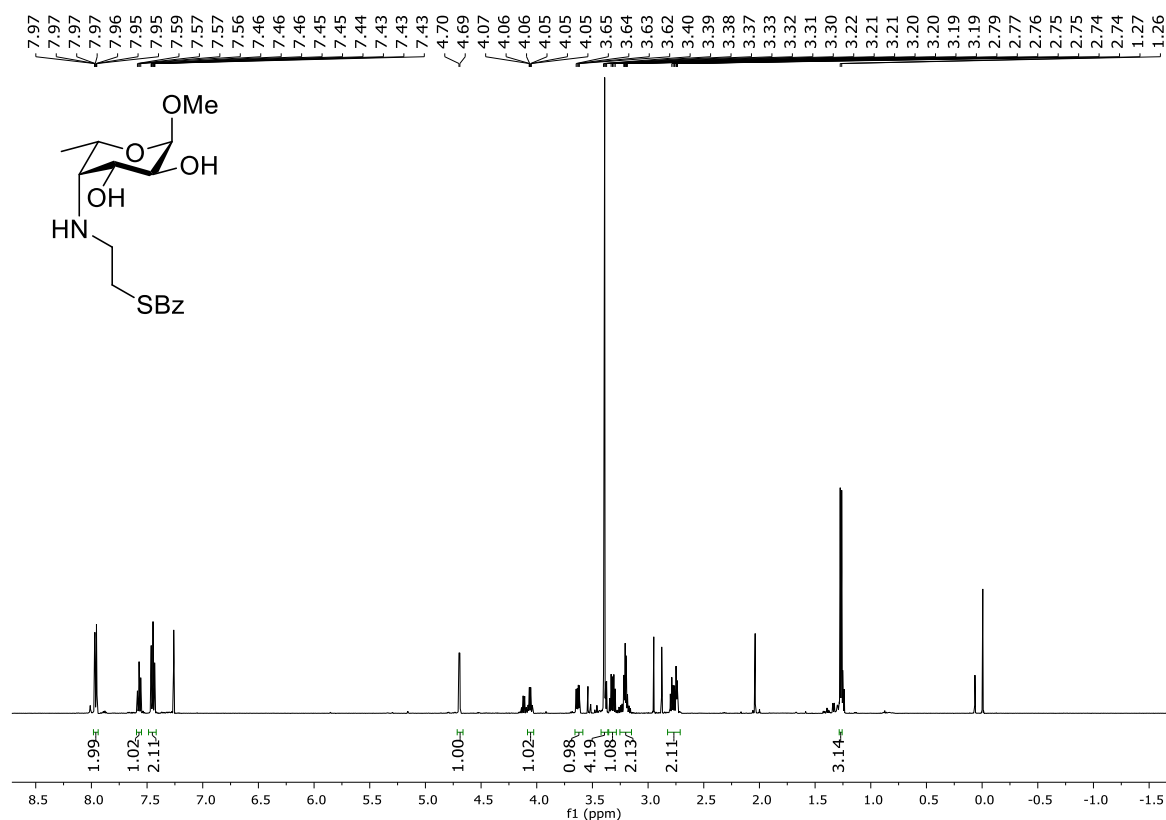


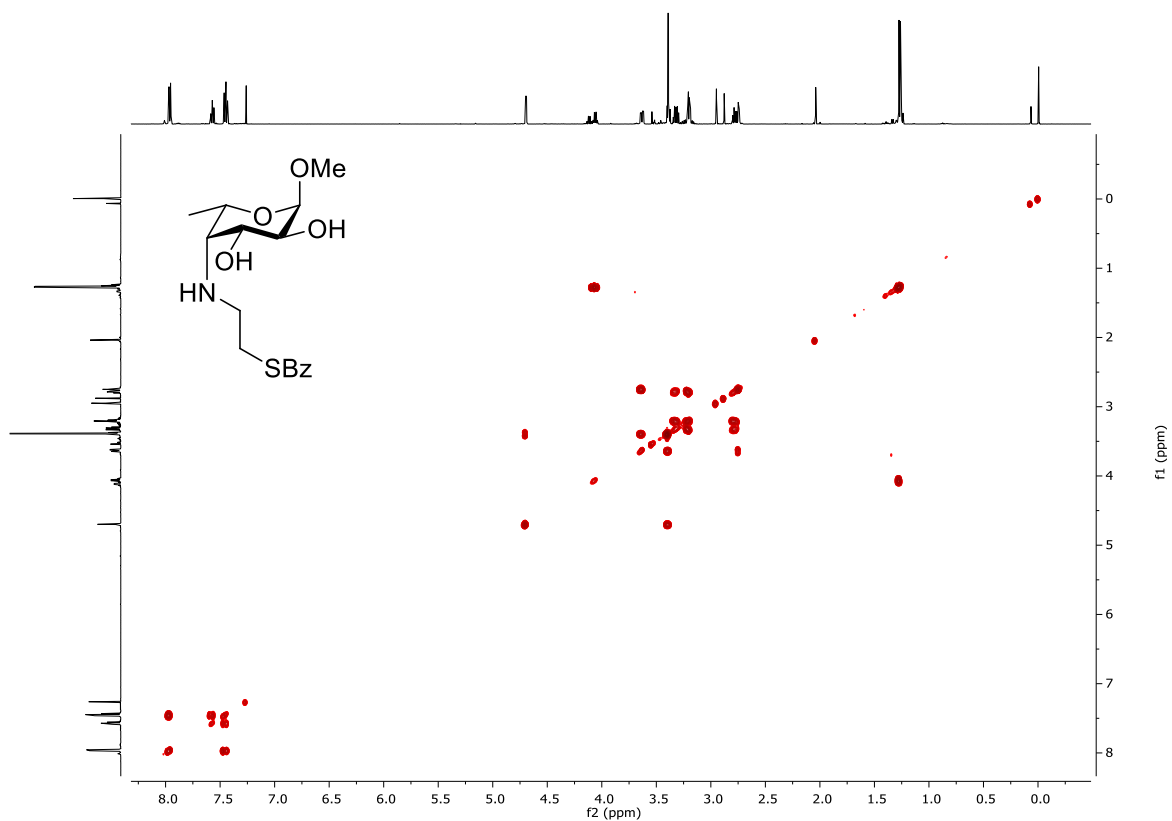
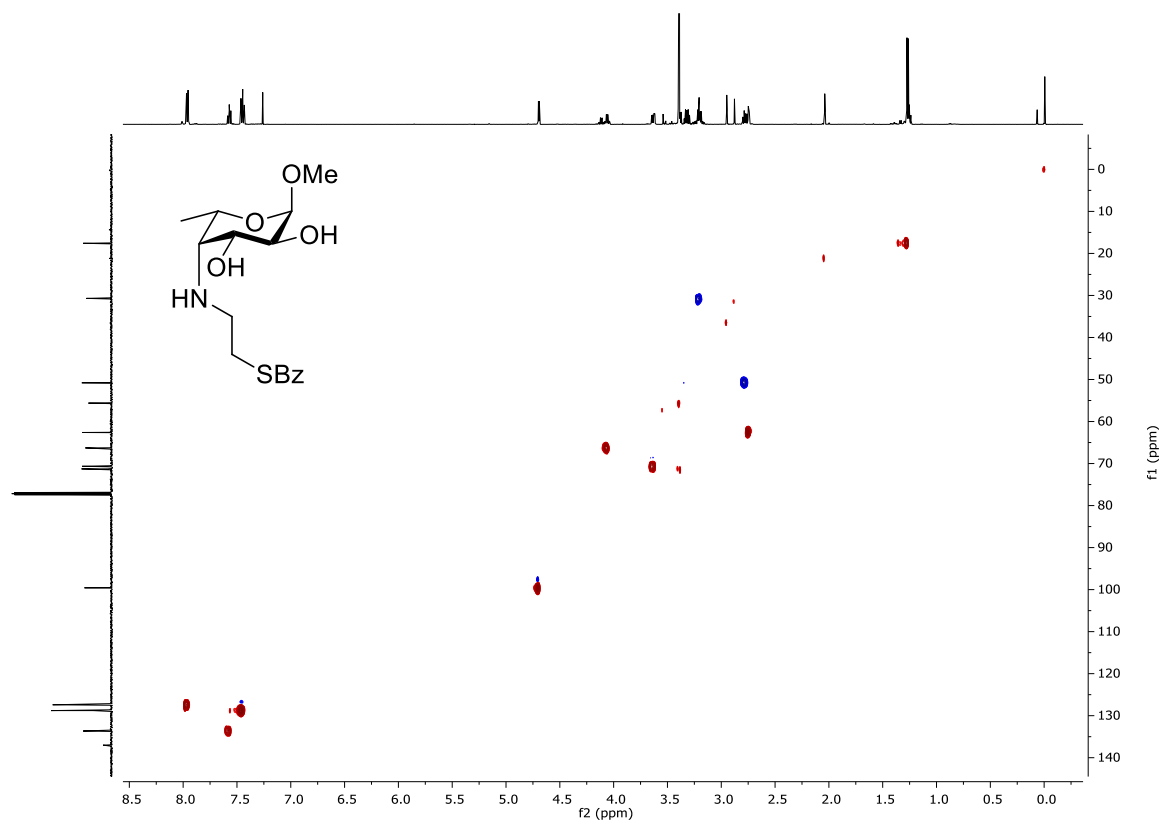
Methyl 4-[(2-benzoylthioethyl)amino]-4-deoxy-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-fucopyranoside (25)



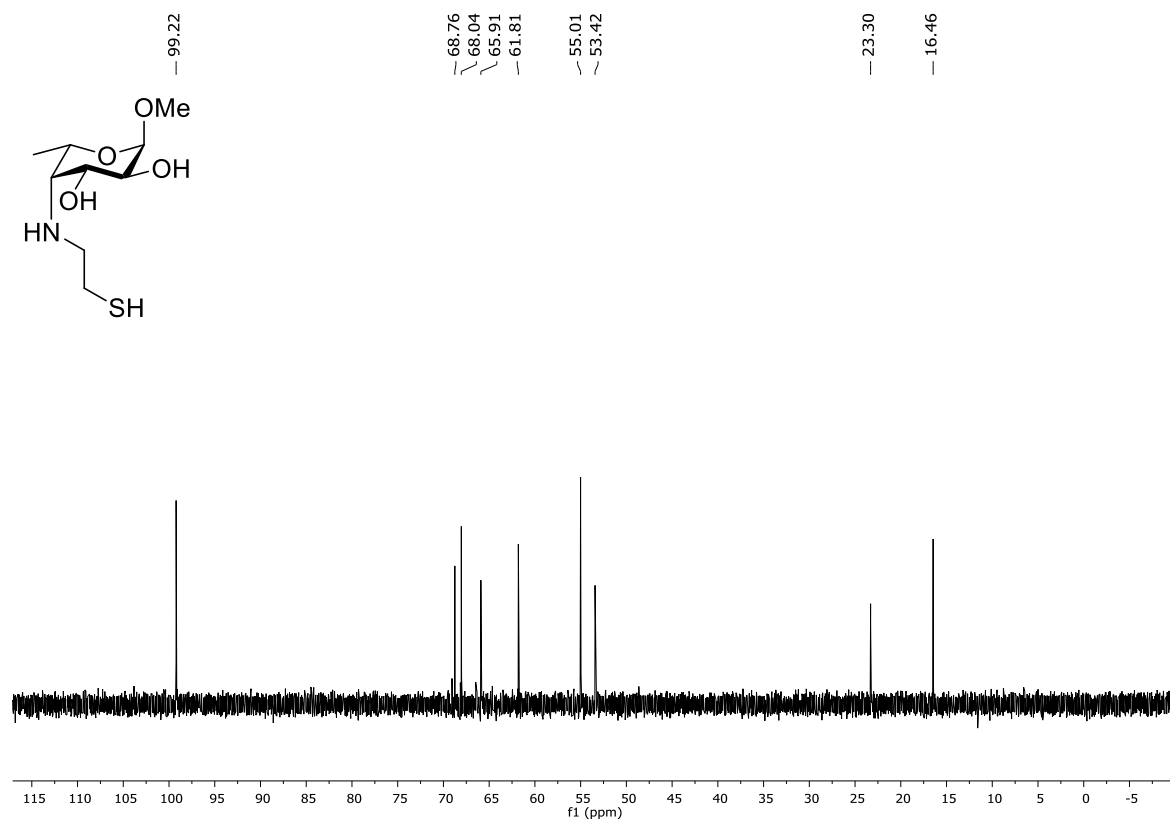
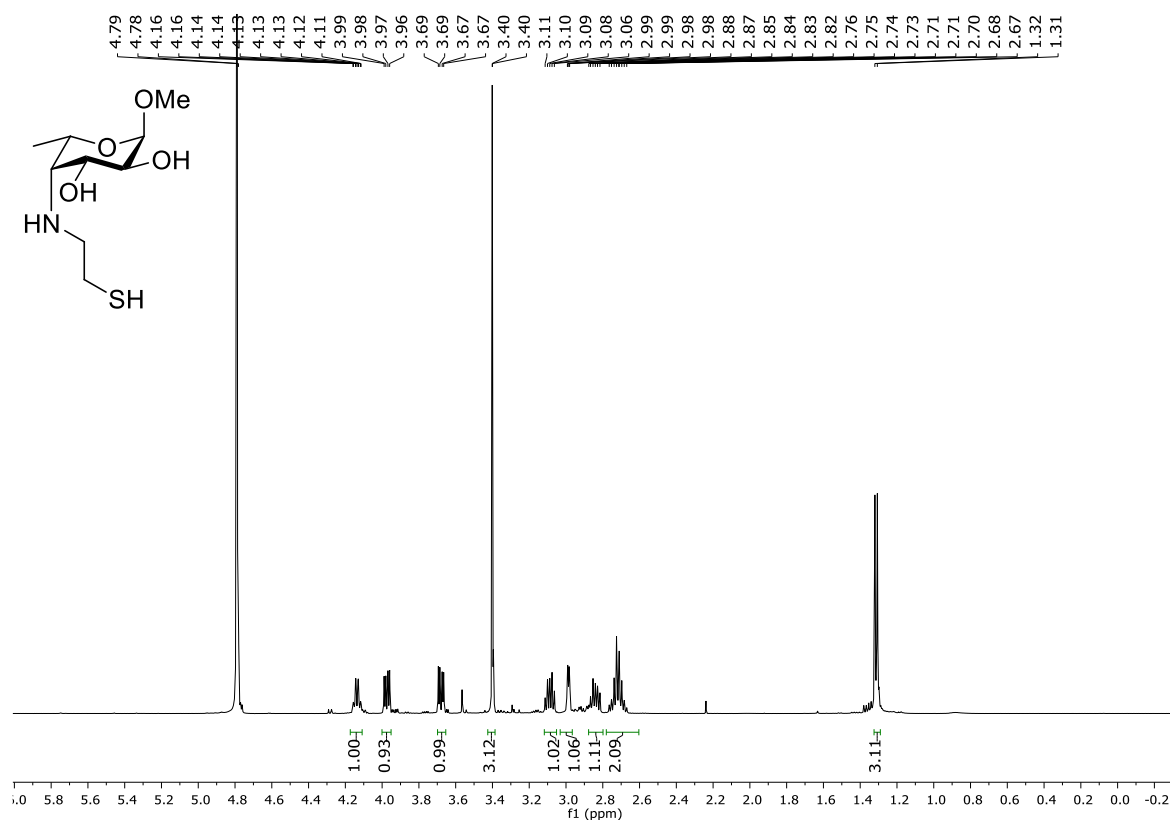


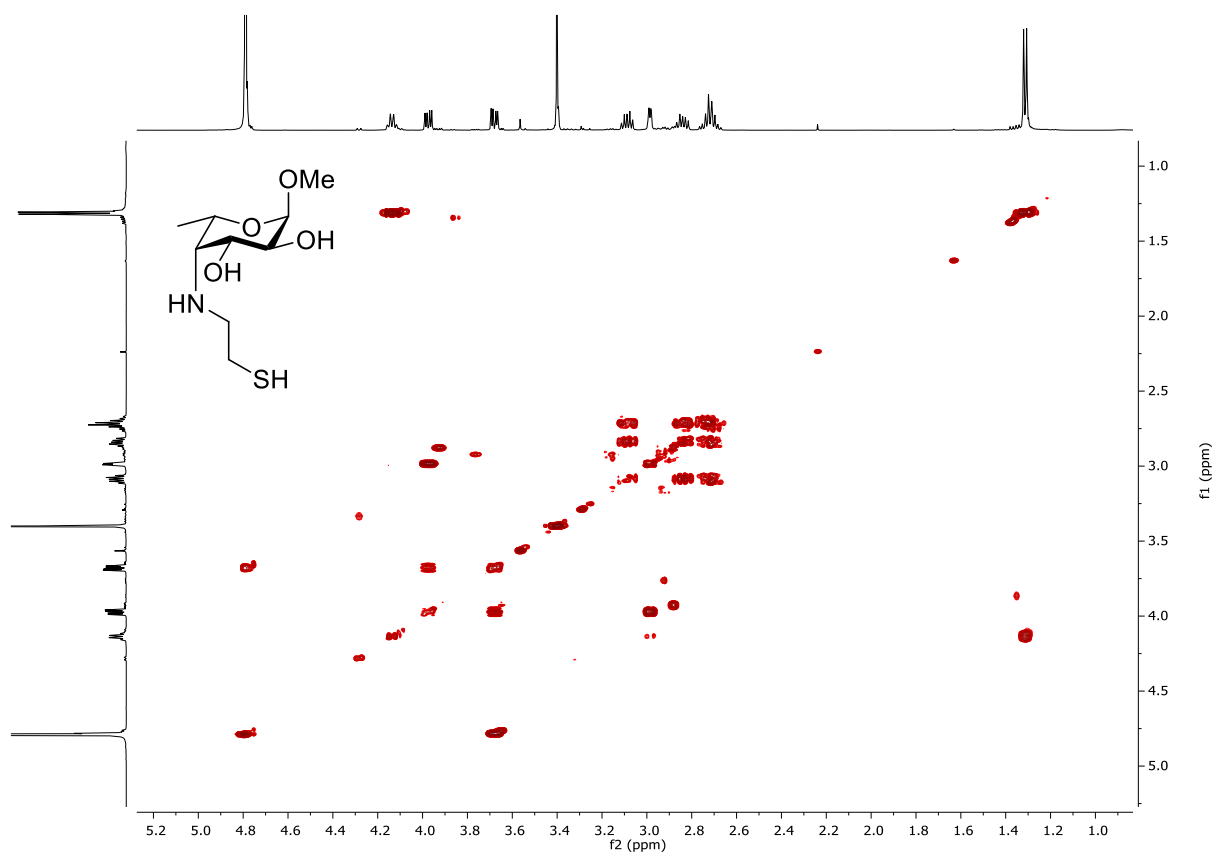
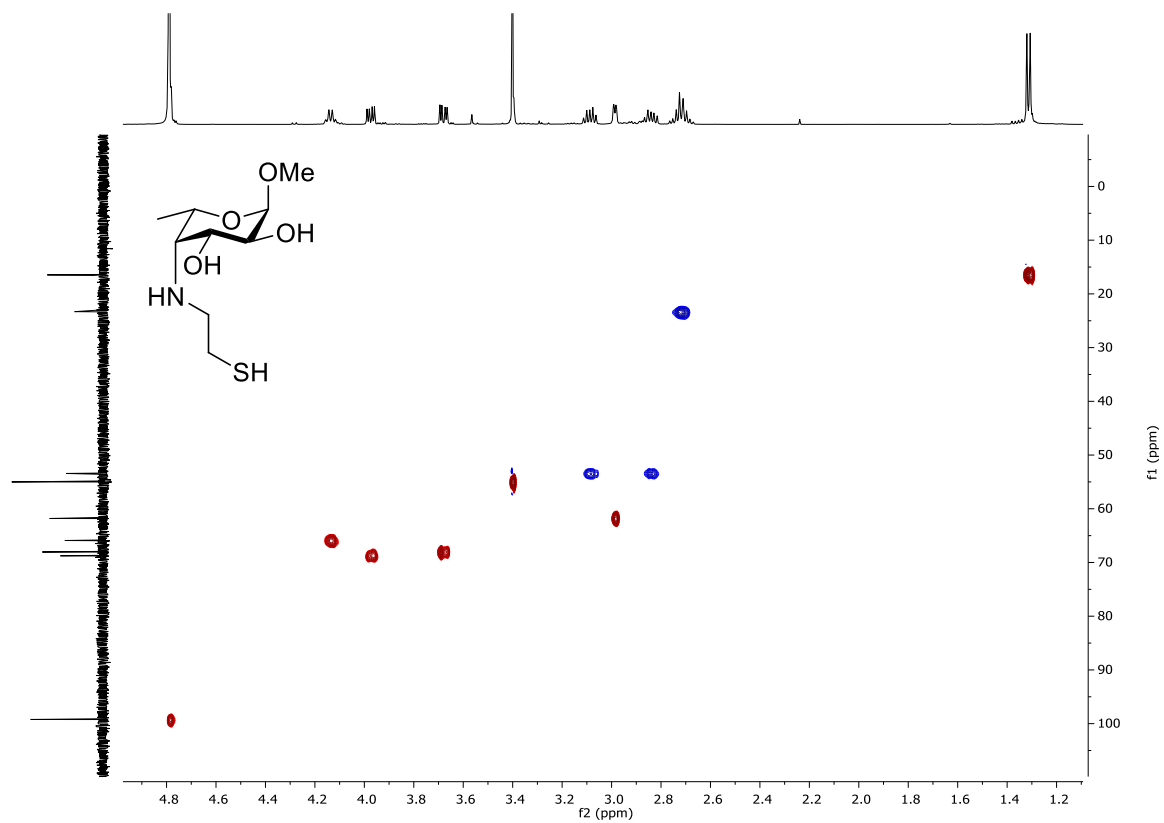
Methyl 4-[(2-benzoylthioethyl)amino]-4-deoxy- α -L-fucopyranoside (26)

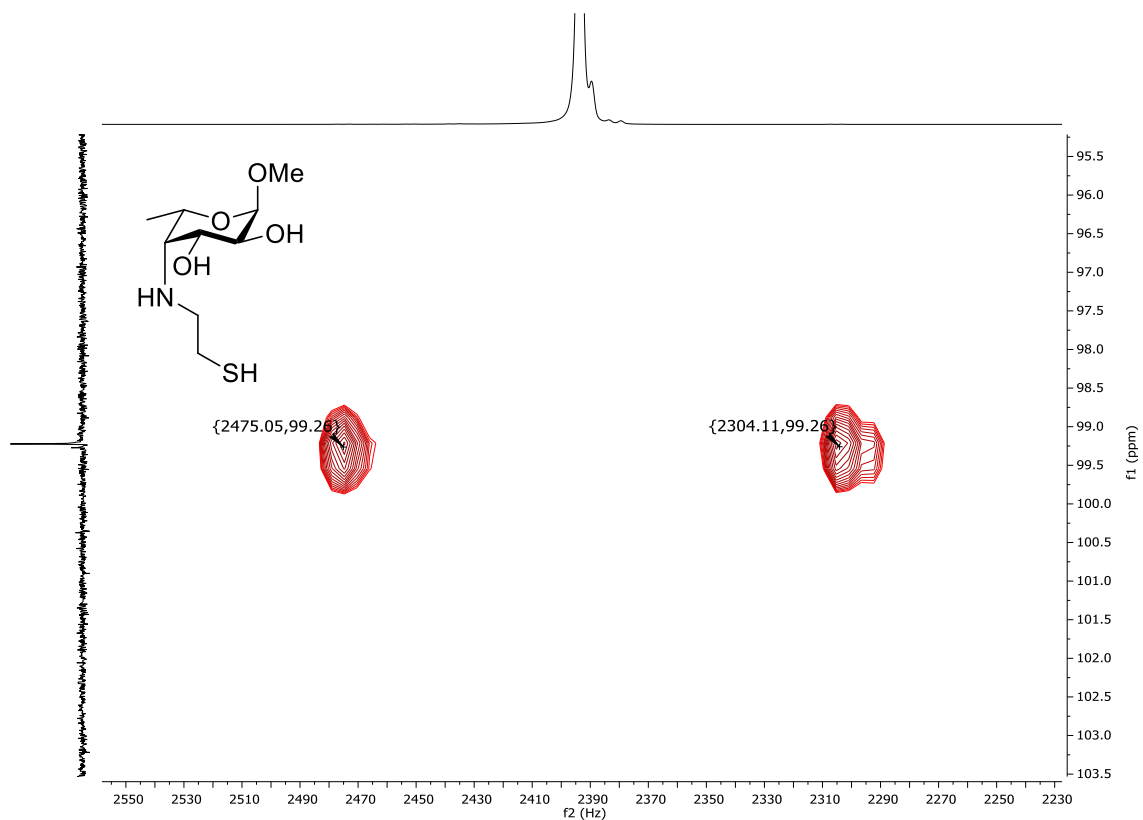




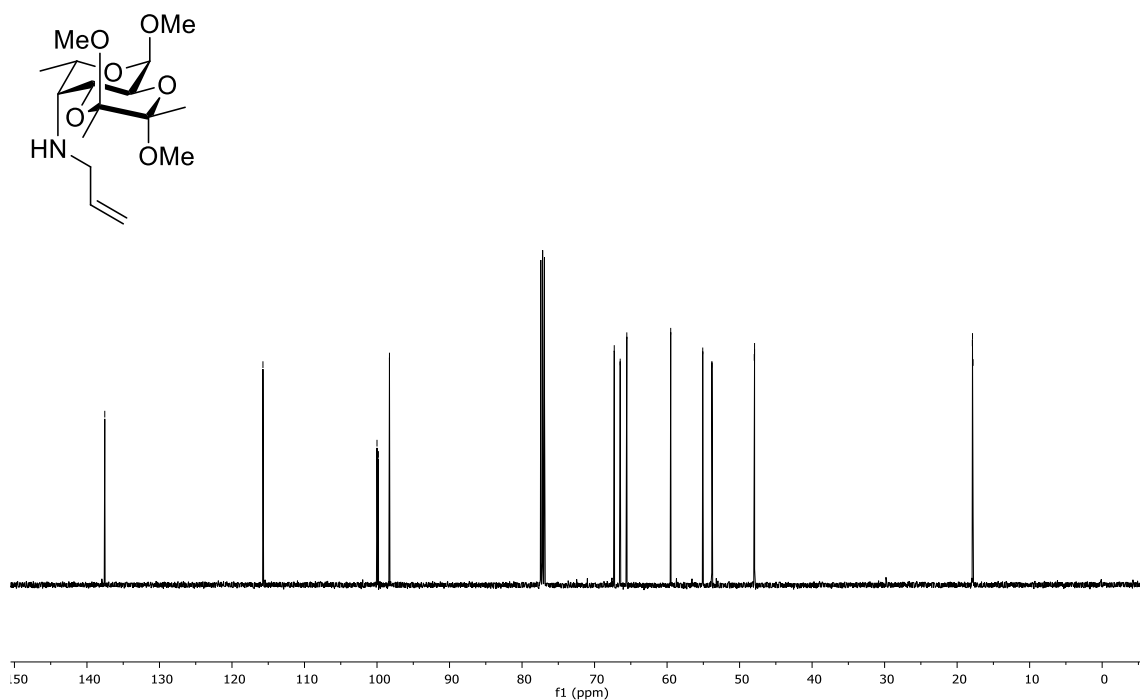
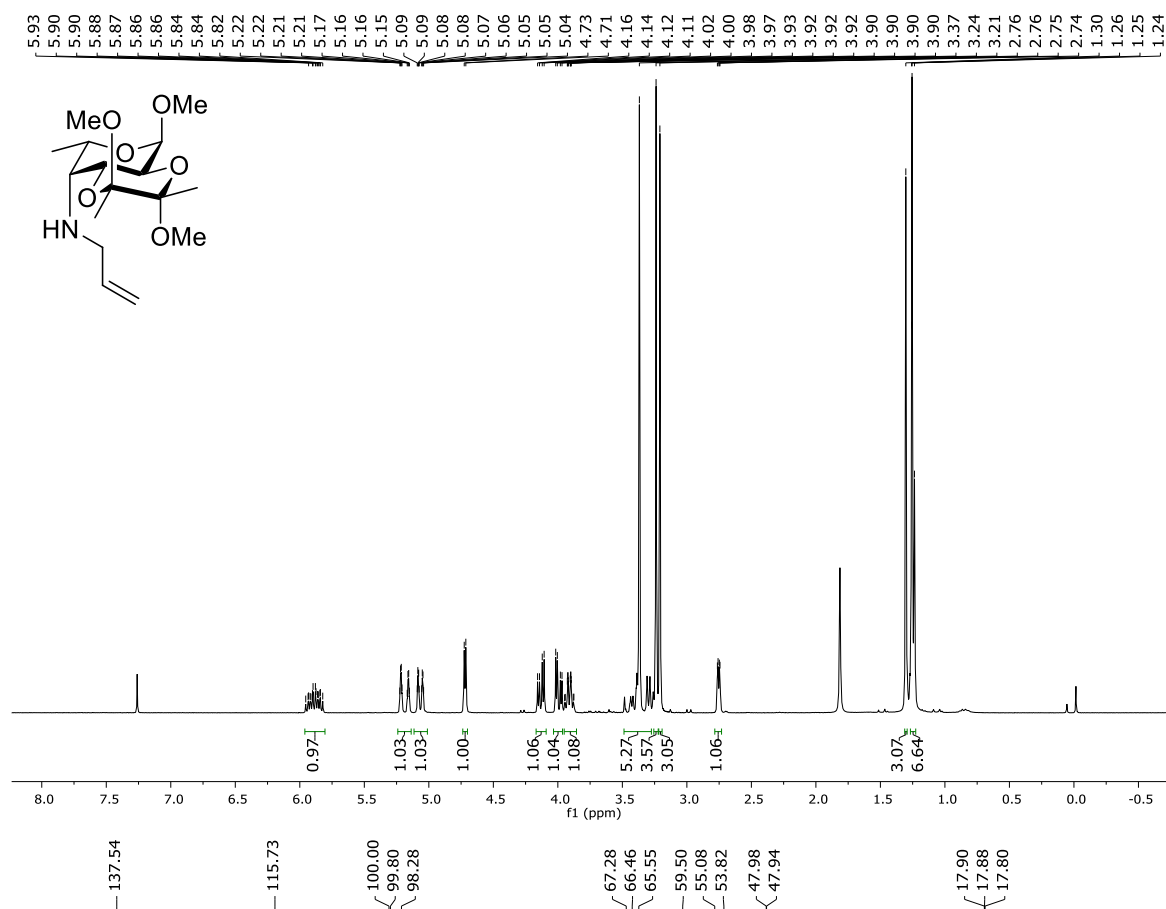
Methyl 4-deoxy-4-(2-thioethyl)amino- α -L-fucopyranoside (5)

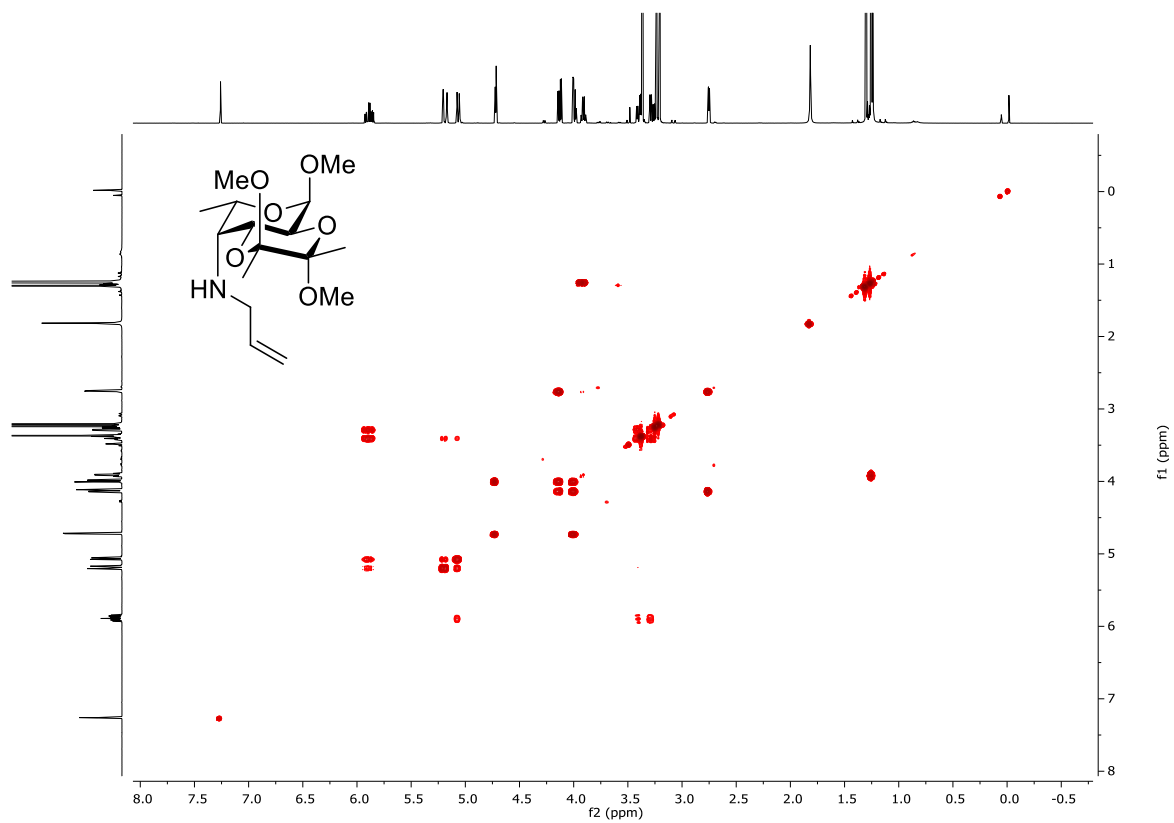
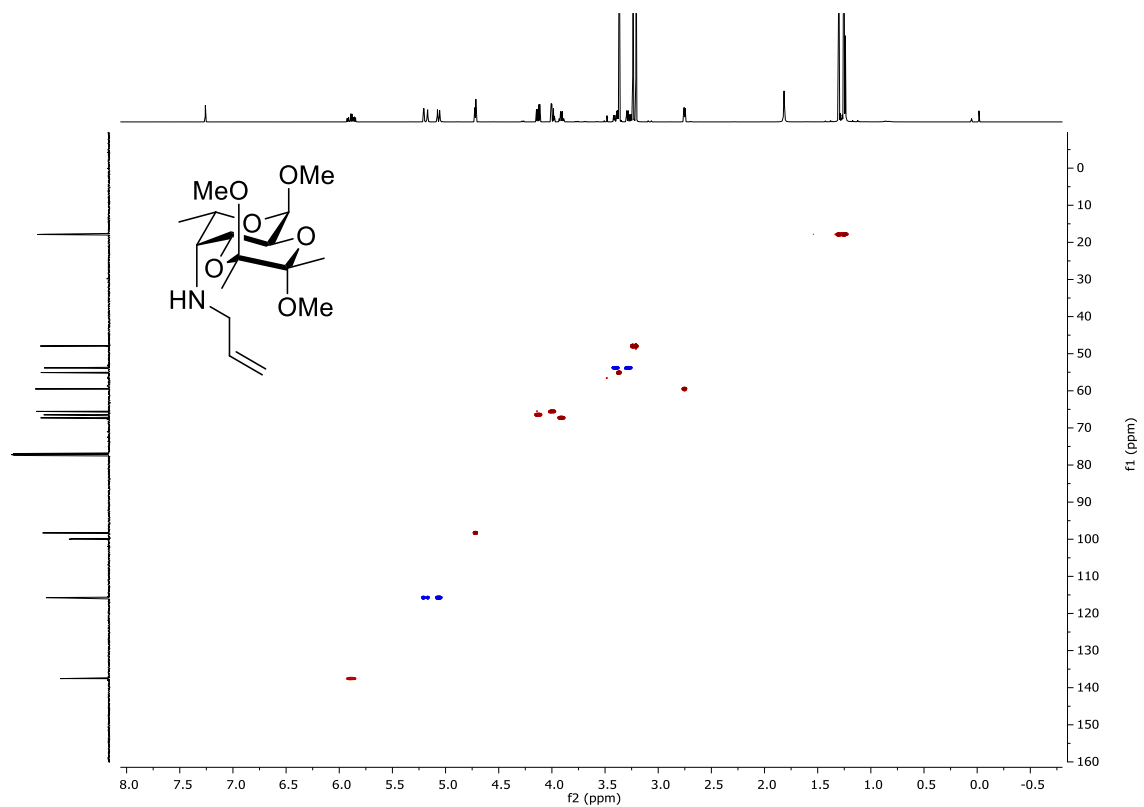




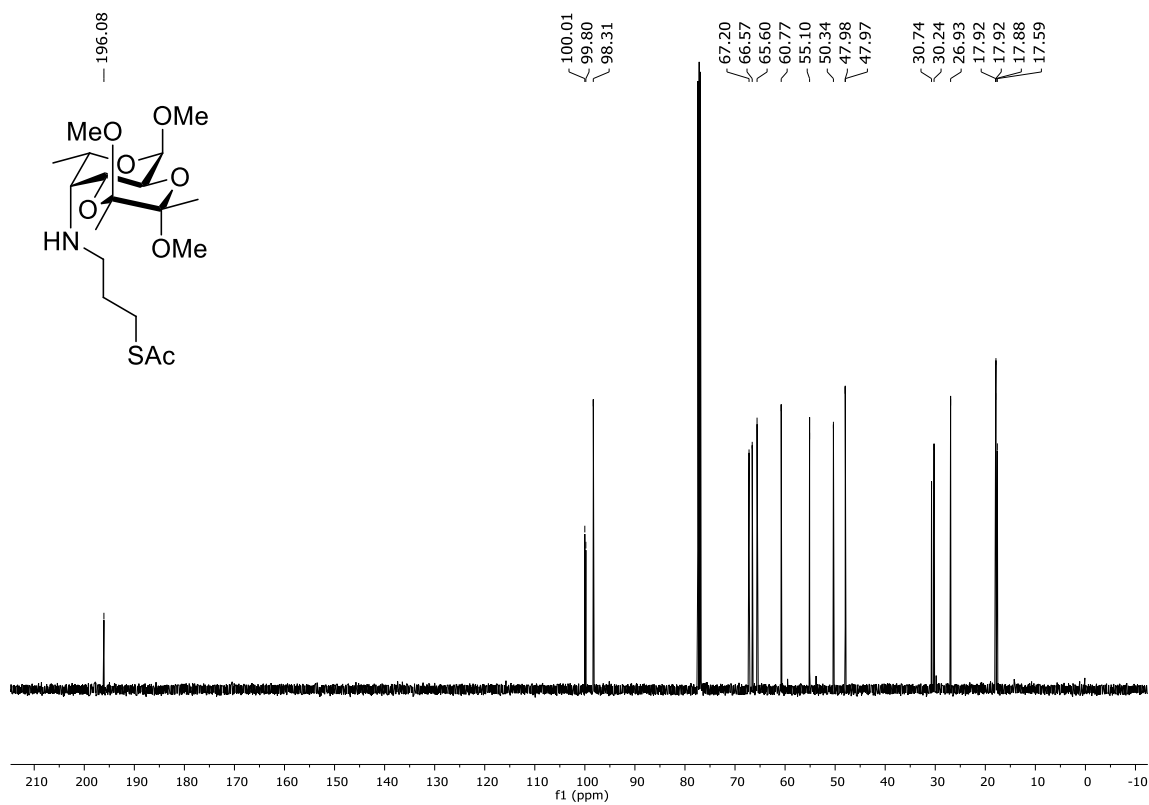
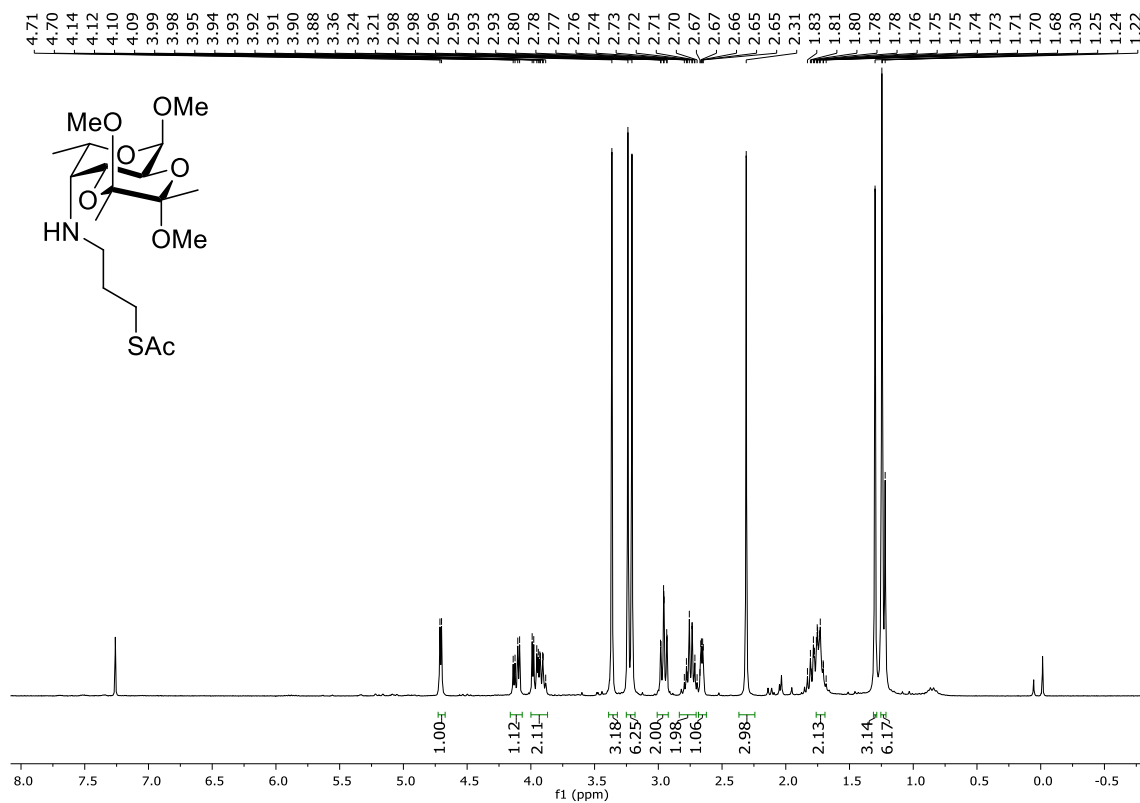


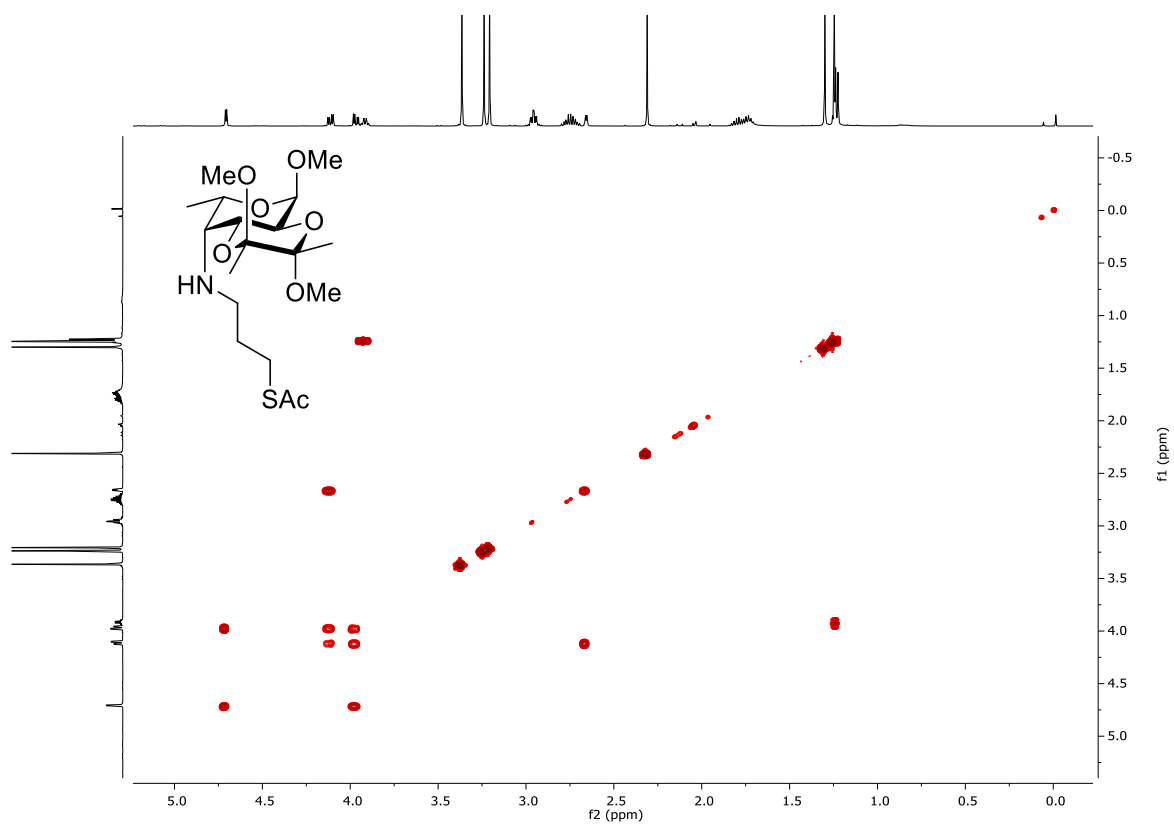
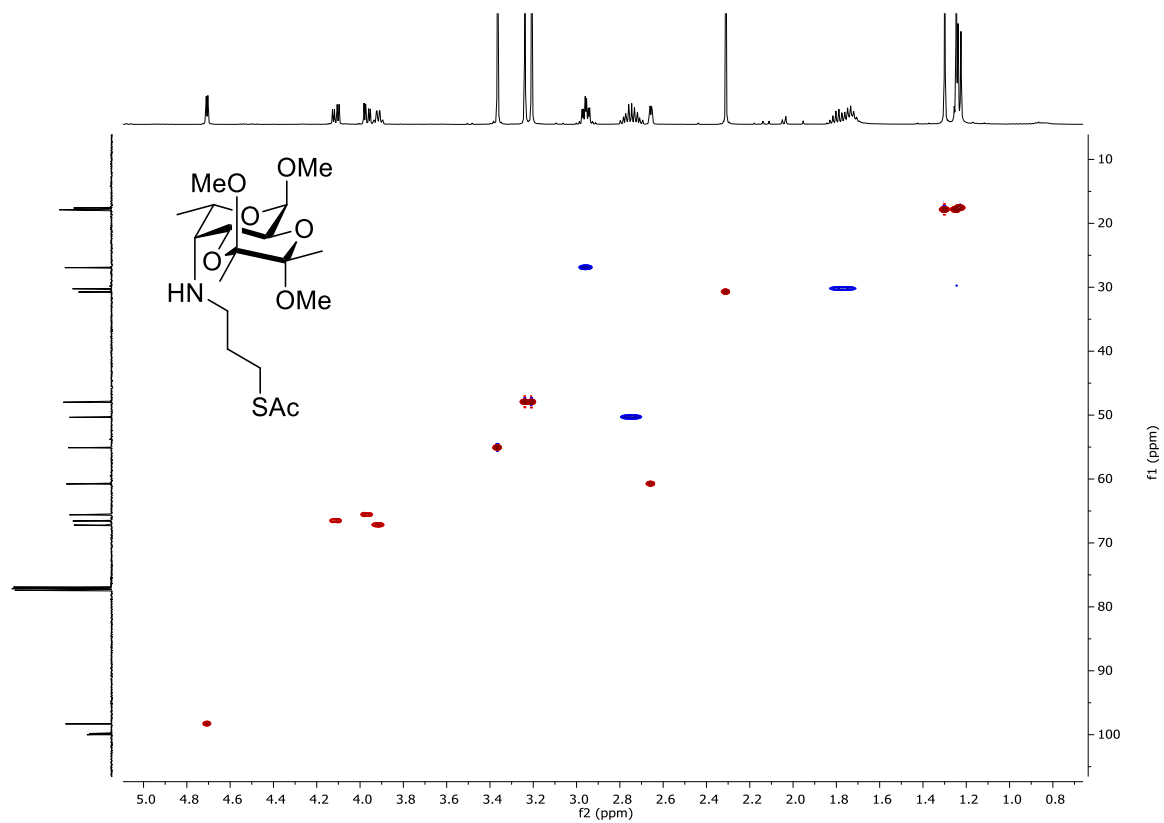
Methyl 4-allylamino-4-deoxy-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-fucopyranoside (27)



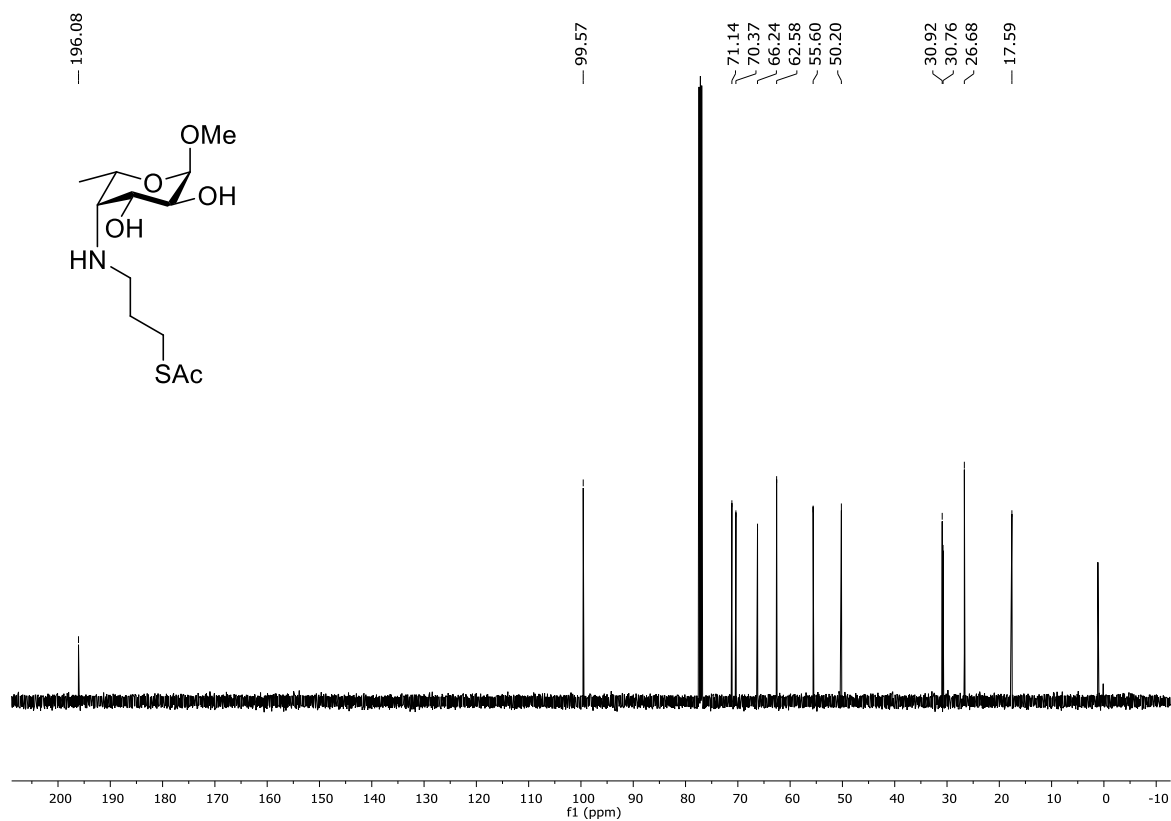
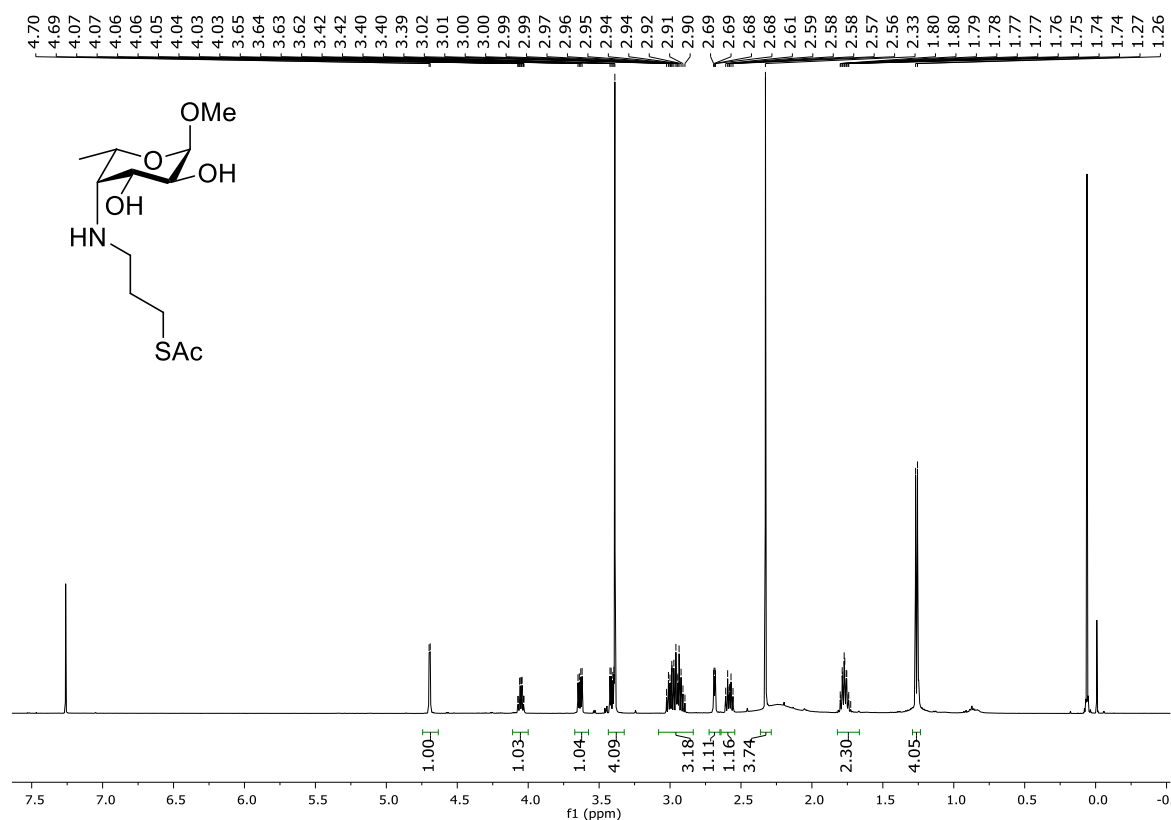


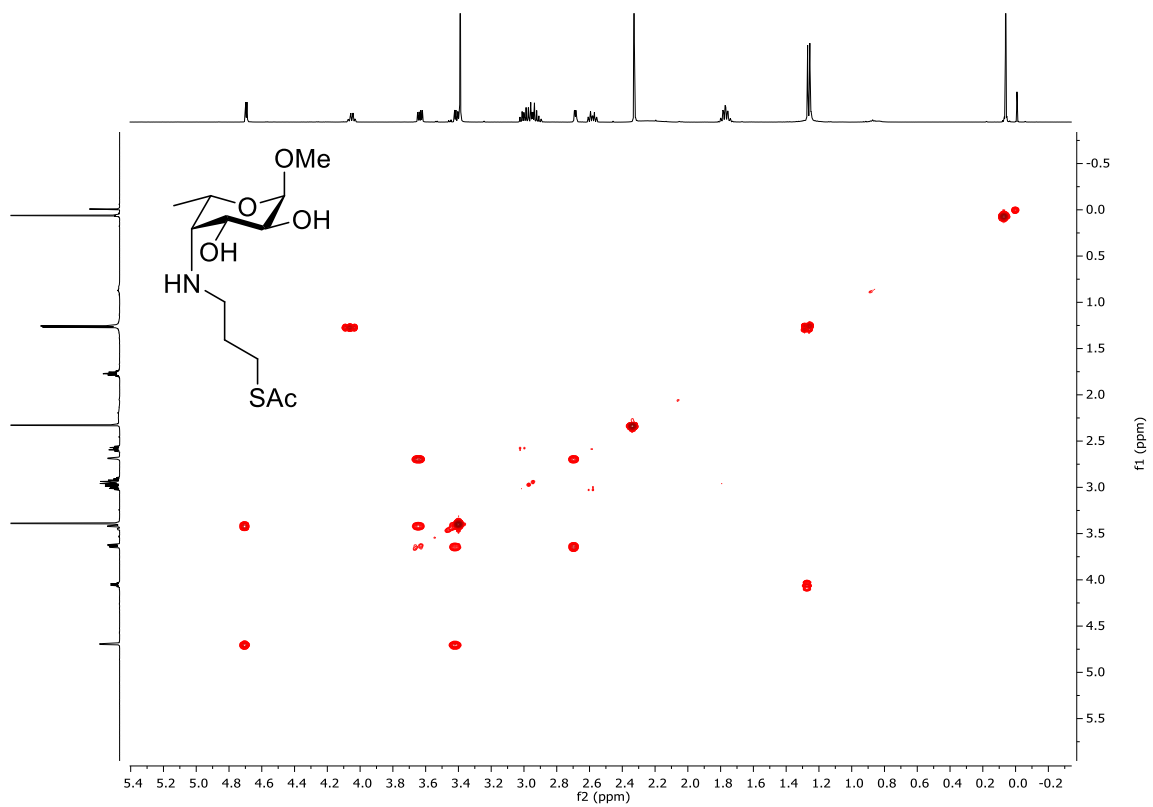
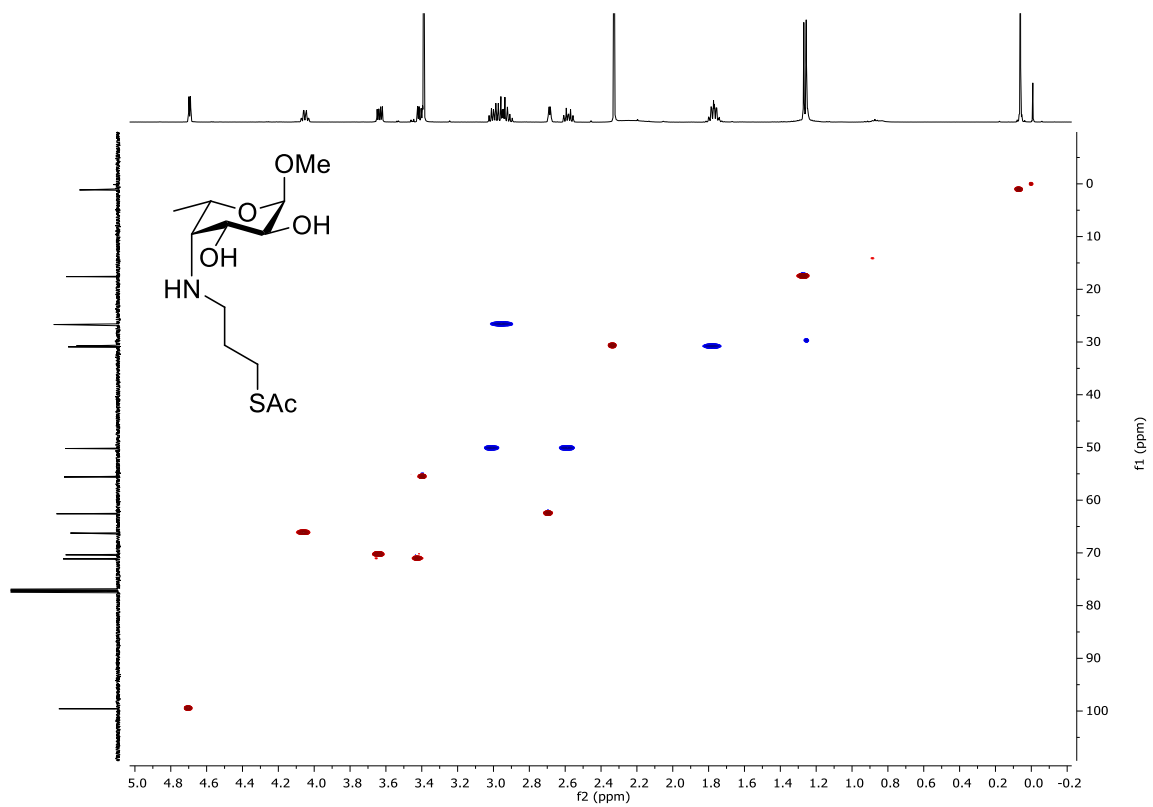
Methyl 4-[(3-acetylthiopropyl)amino]-4-deoxy-2,3-O-(2',3'-dimethoxybutane-2',3'-diyl)- α -L-fucopyranoside (28)





Methyl 4-[(3-acetylthiopropyl)amino]-4-deoxy- α -L-fucopyranoside (29)





Methyl 4-deoxy-4-[(3-thiopropyl)amino]- α -L-fucopyranoside (6)

