

# Stabilized arylzinc iodides in Negishi acylative cross-coupling: a modular synthesis of chalcones

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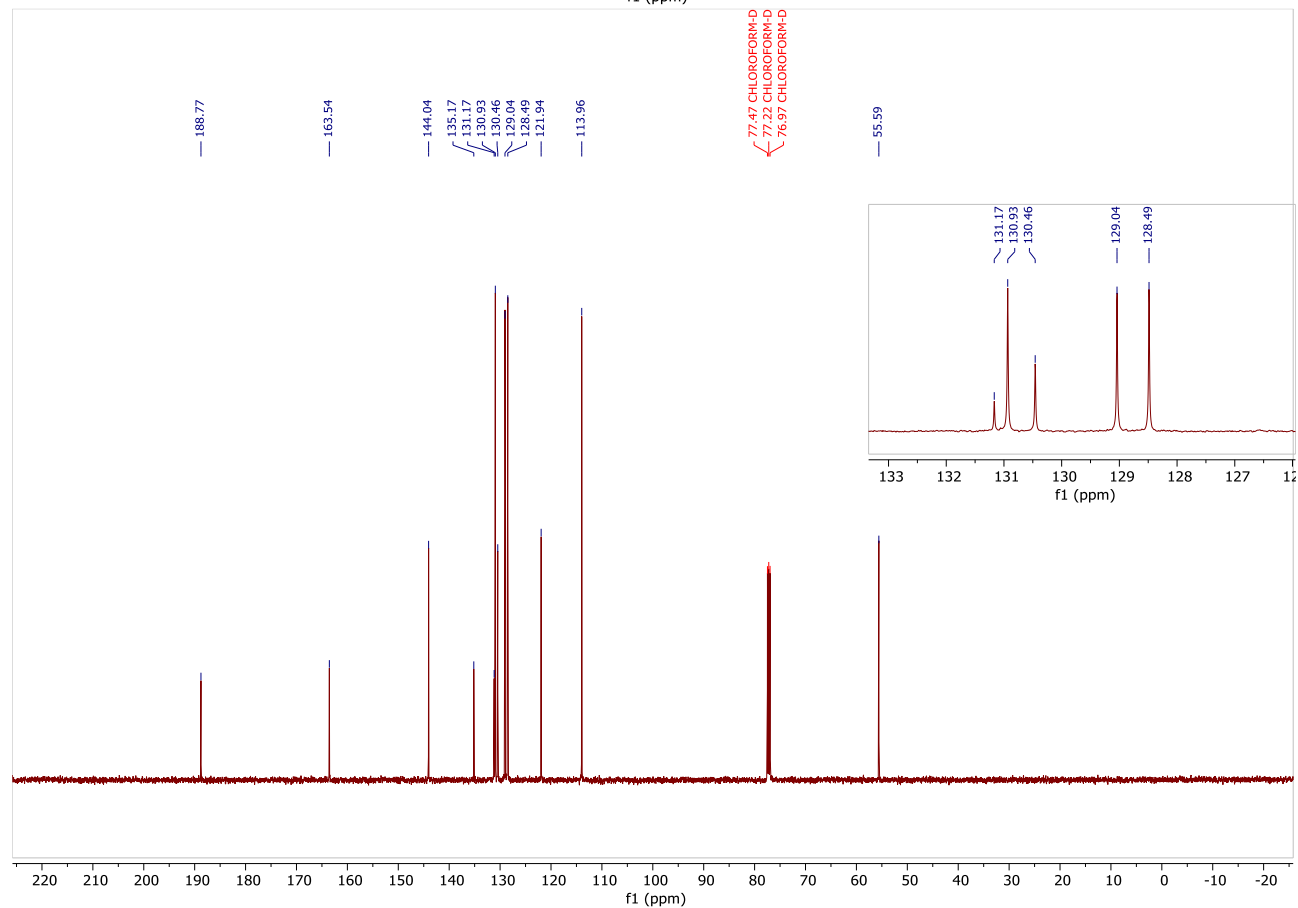
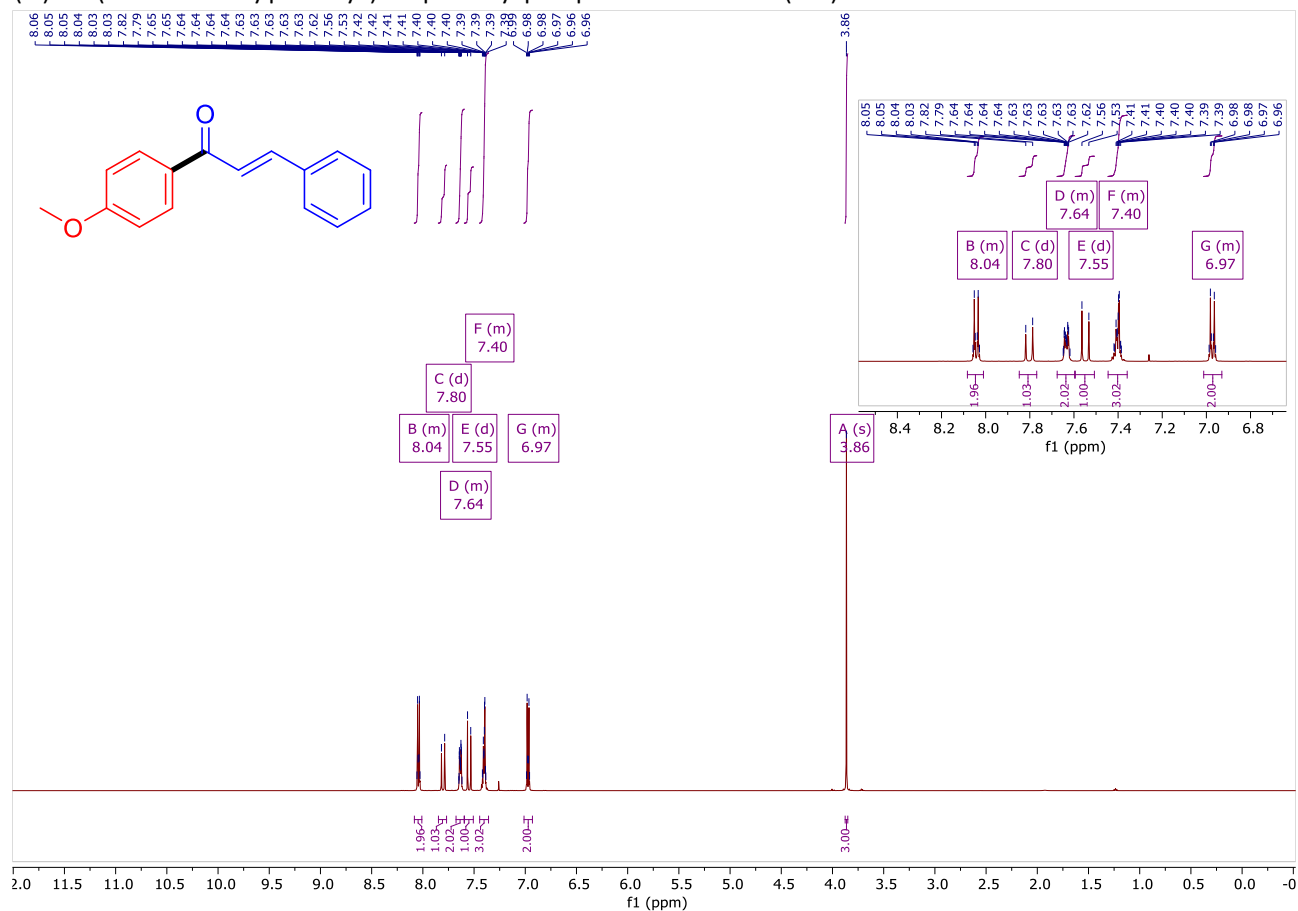
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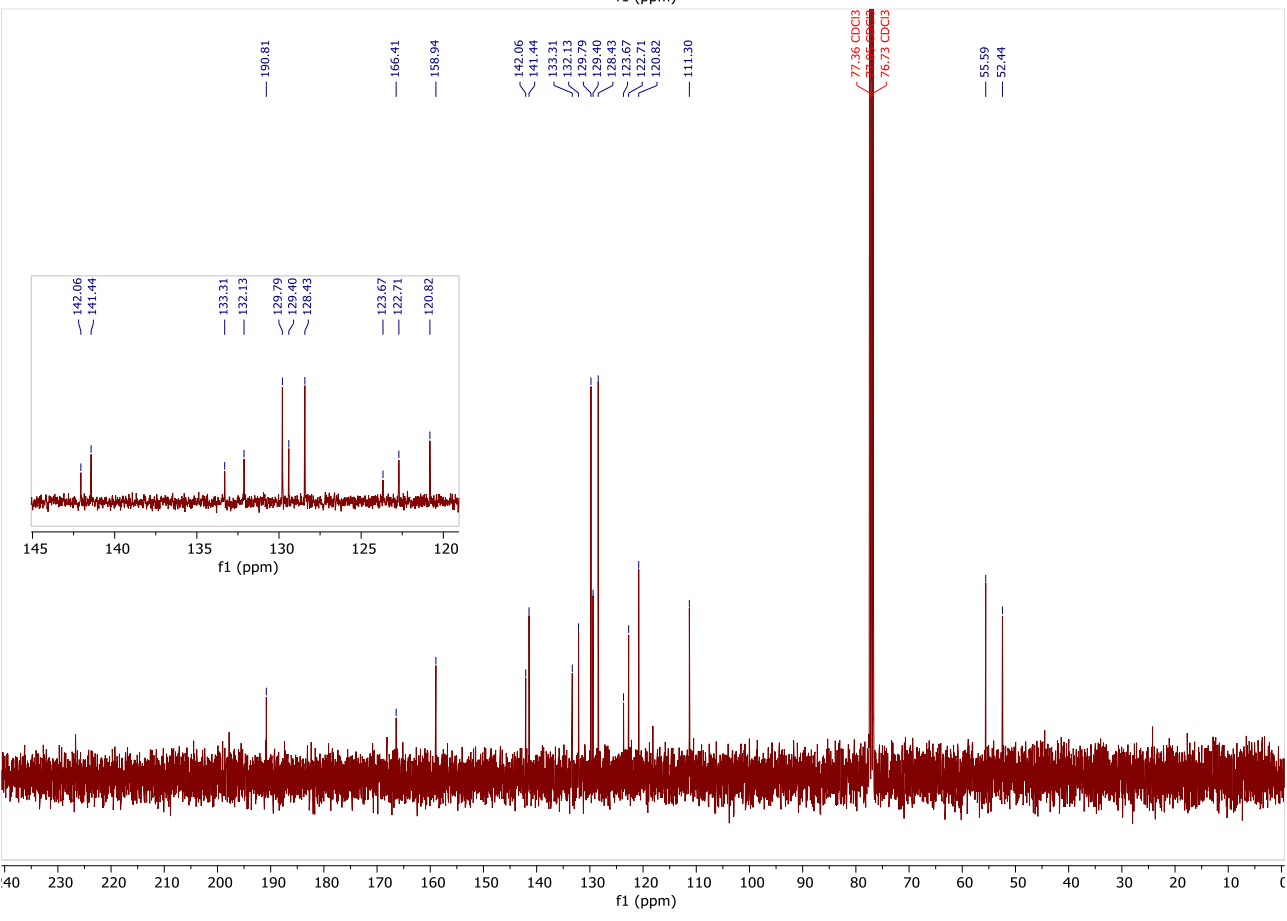
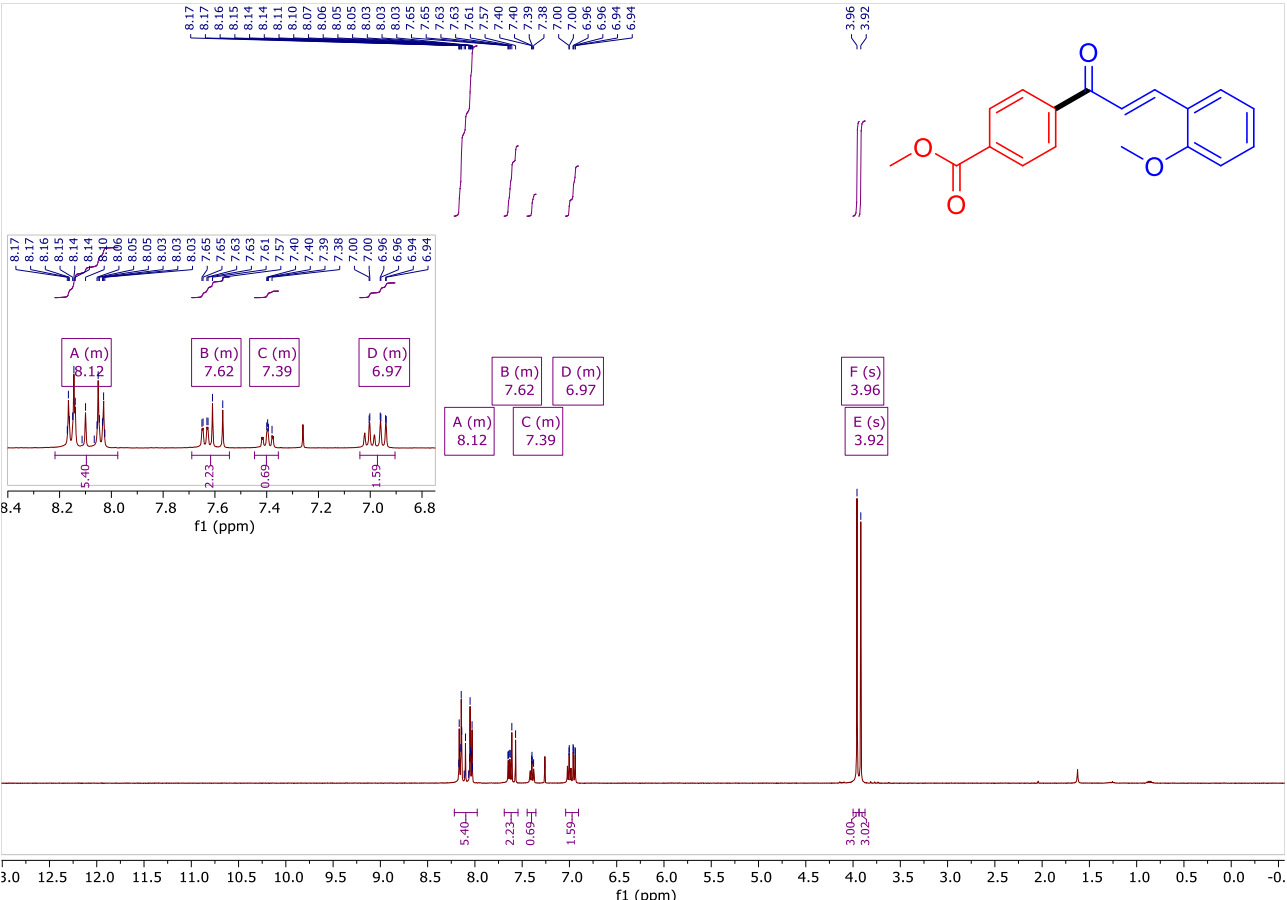
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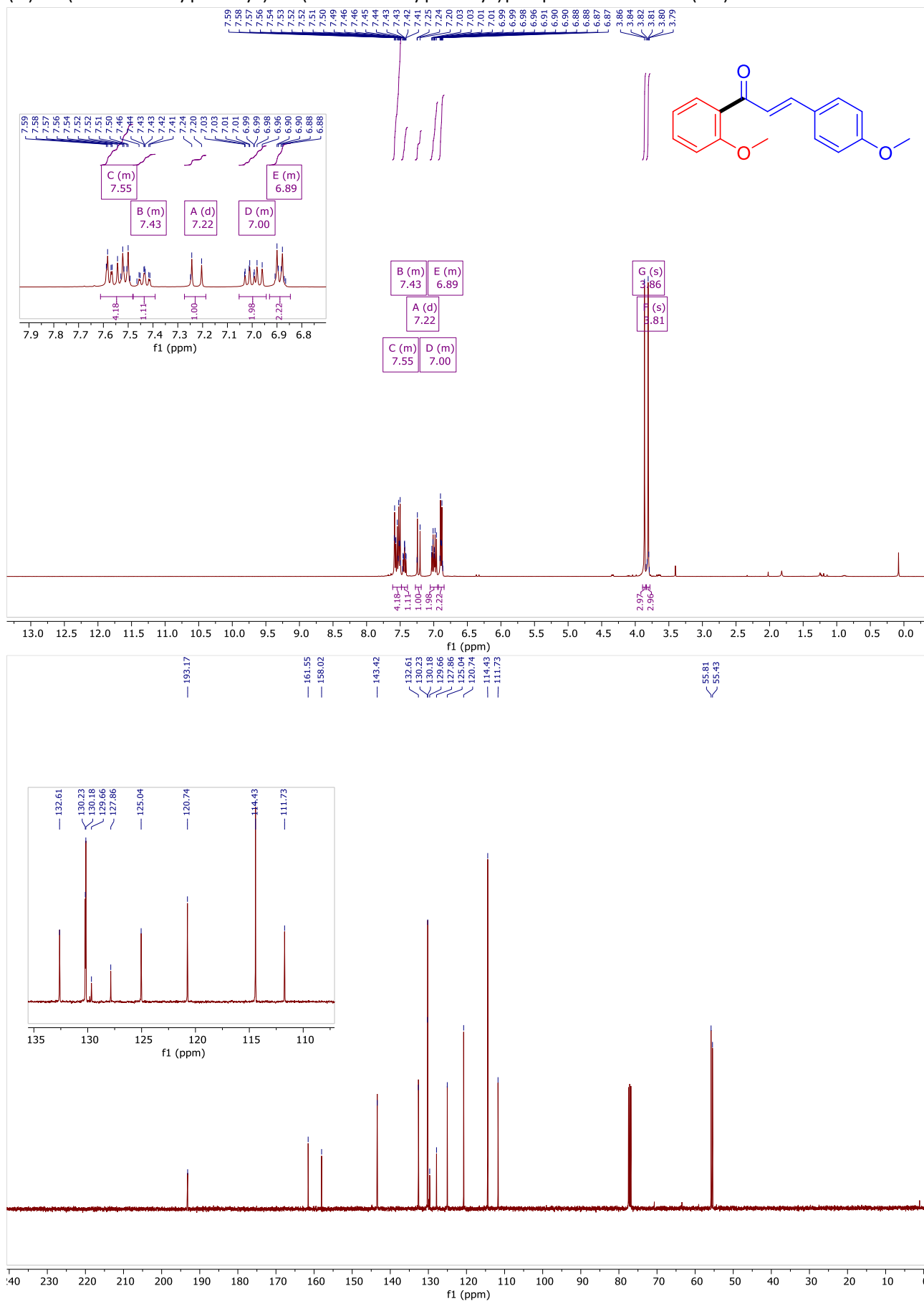
(E)-1-(4-methoxyphenyl)-3-phenylprop-2-en-1-one (3a)



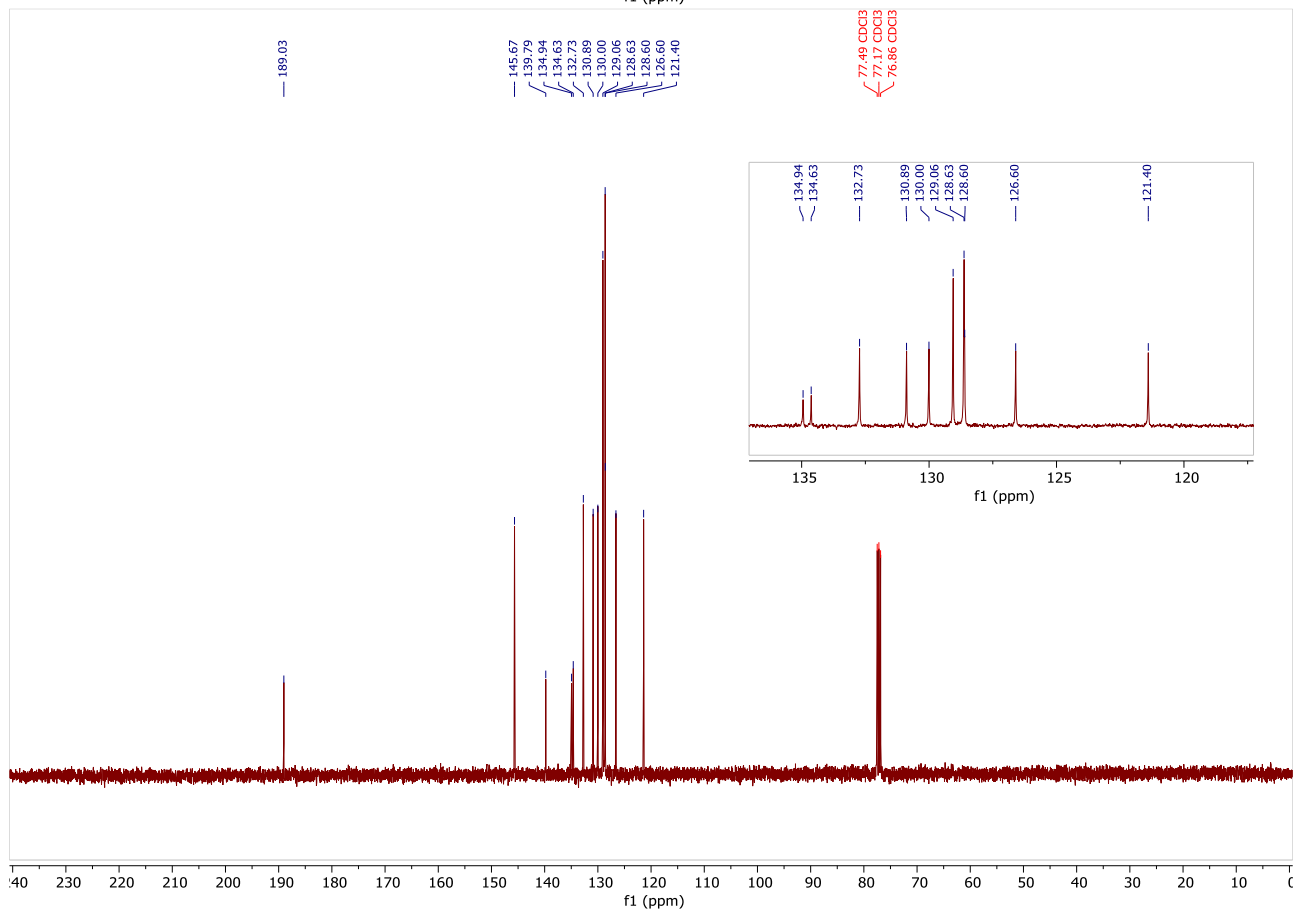
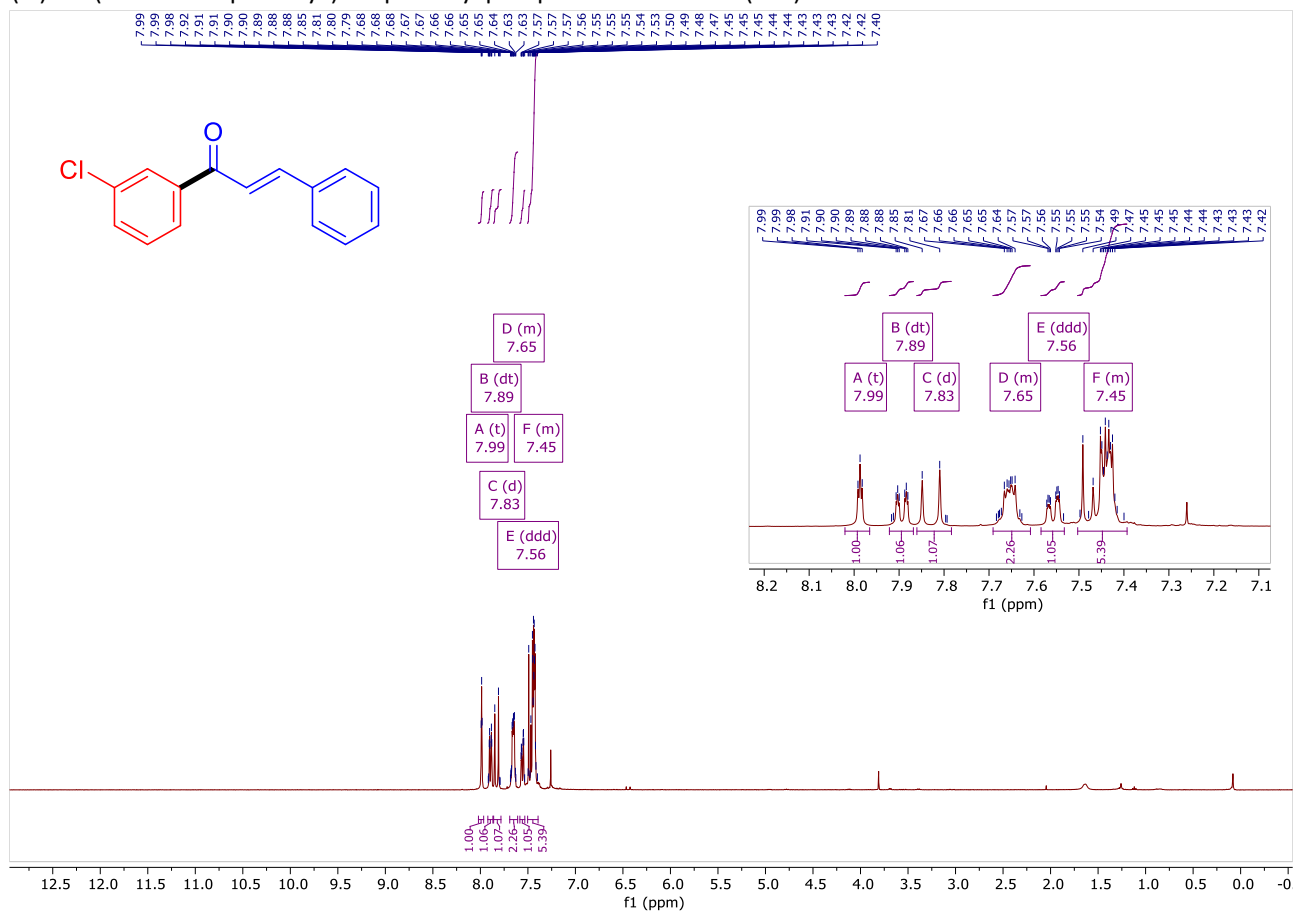
Methyl (E)-4-(3-(2-methoxyphenyl)acryloyl)benzoate (3b)



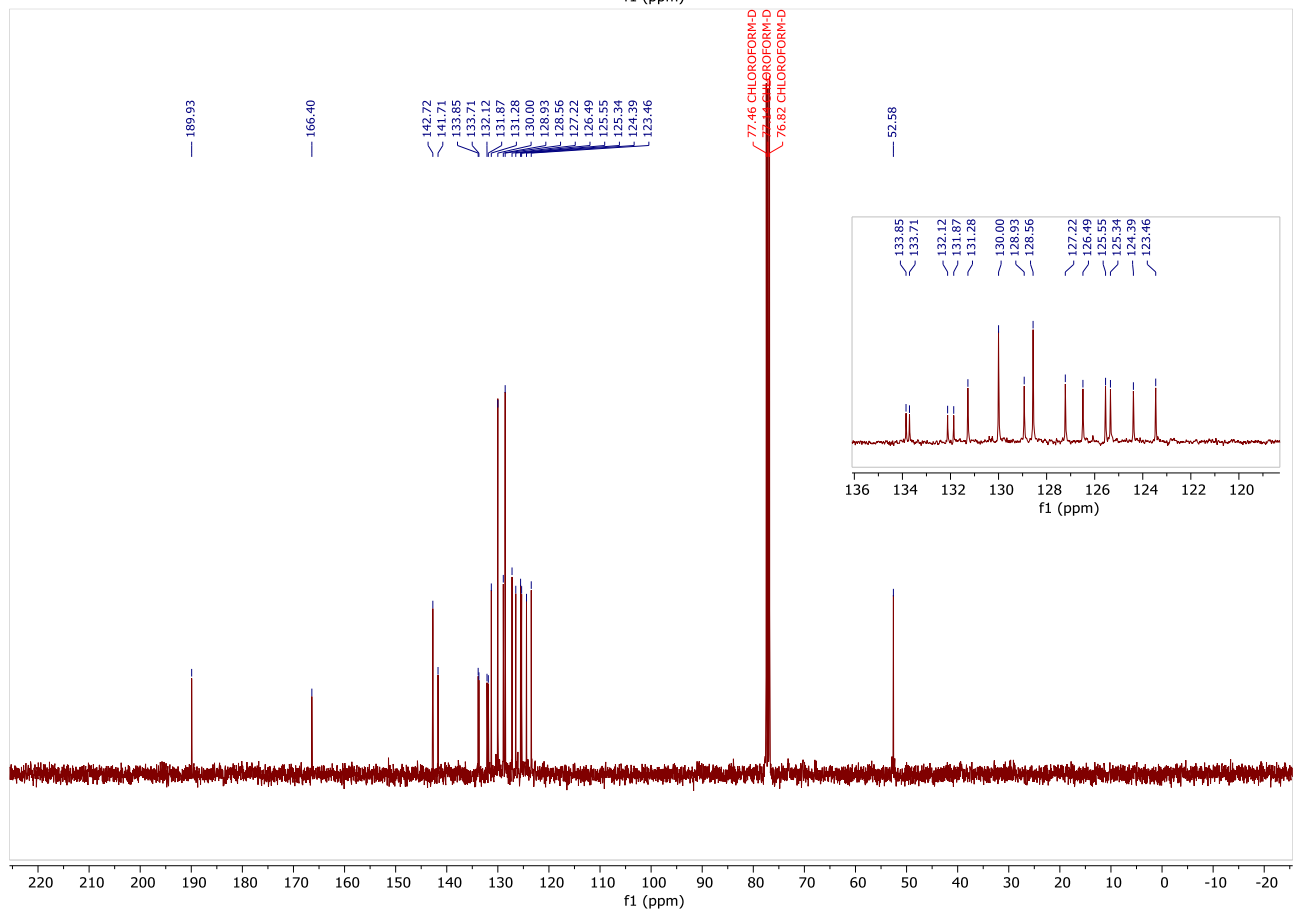
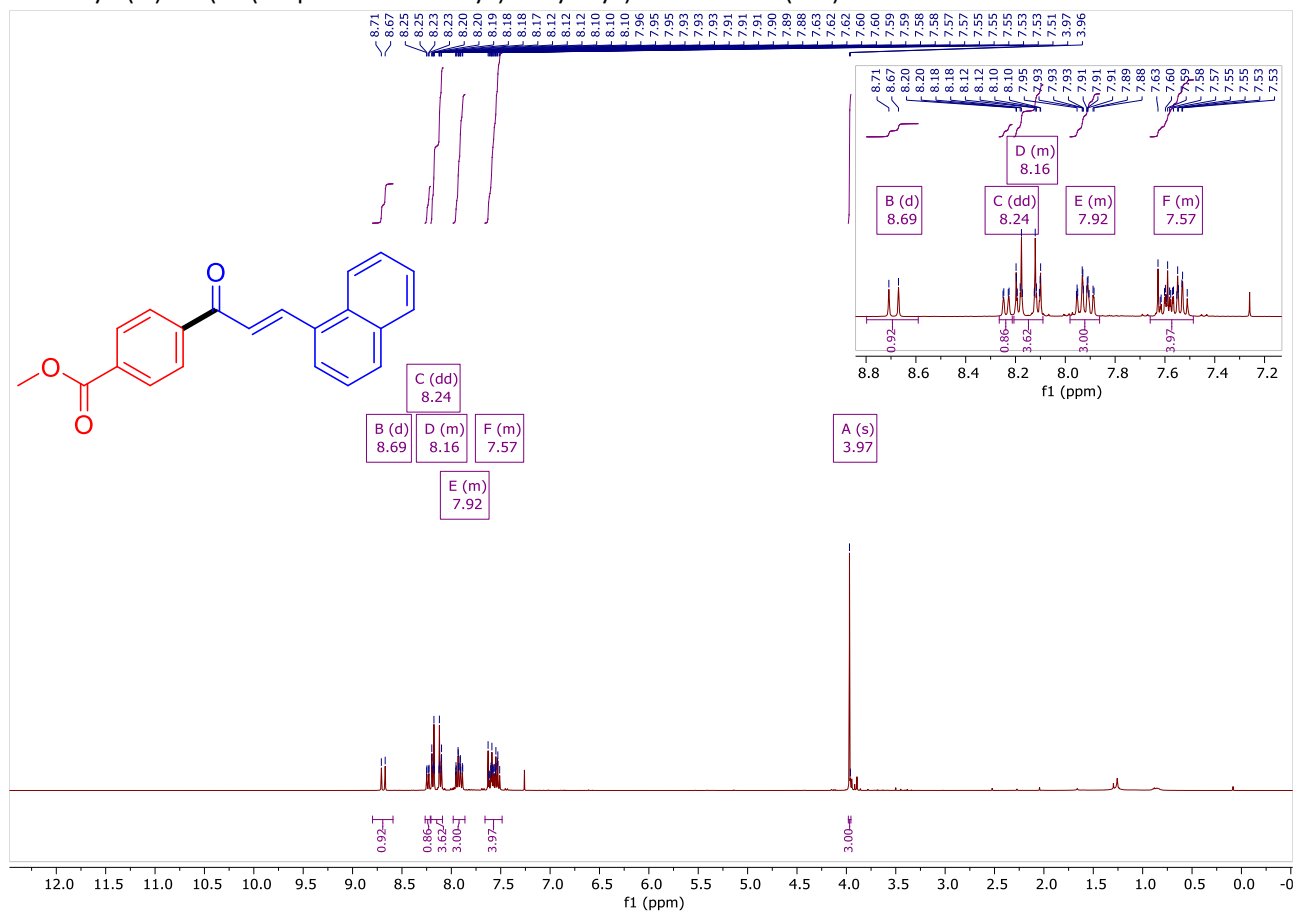
(E)-1-(2-methoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one (3c)



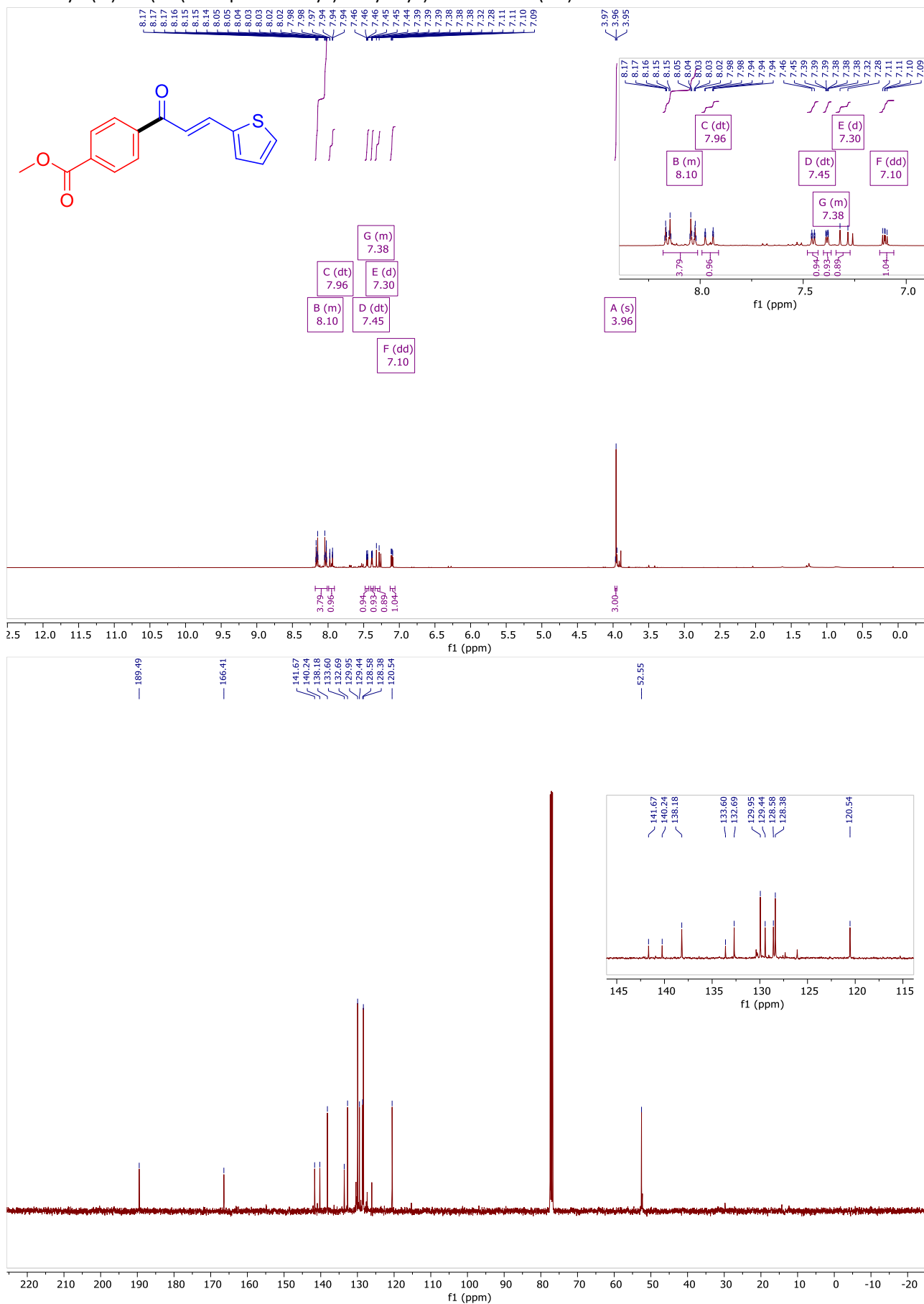
(E)-1-(3-chlorophenyl)-3-phenylprop-2-en-1-one (**3d**)



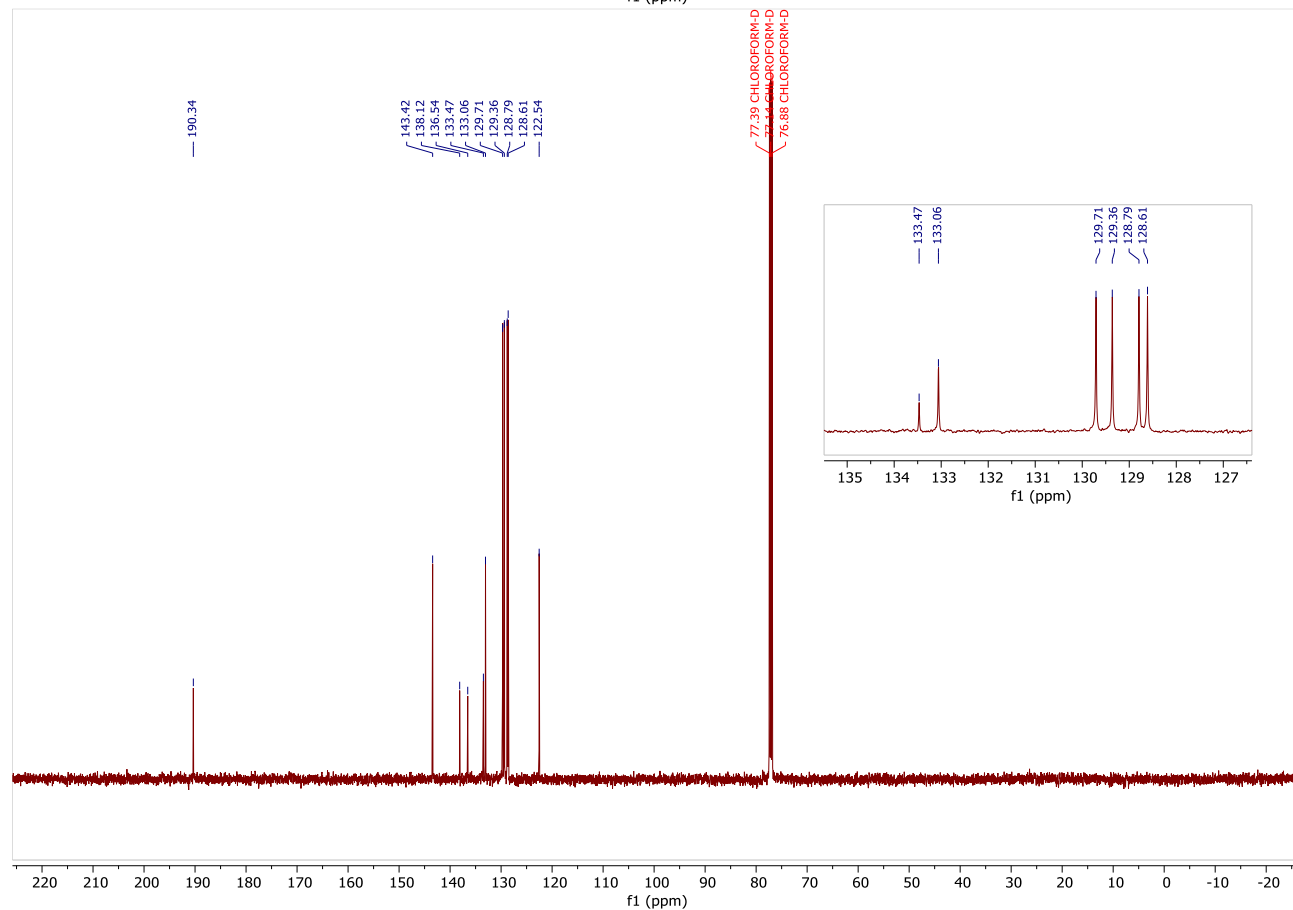
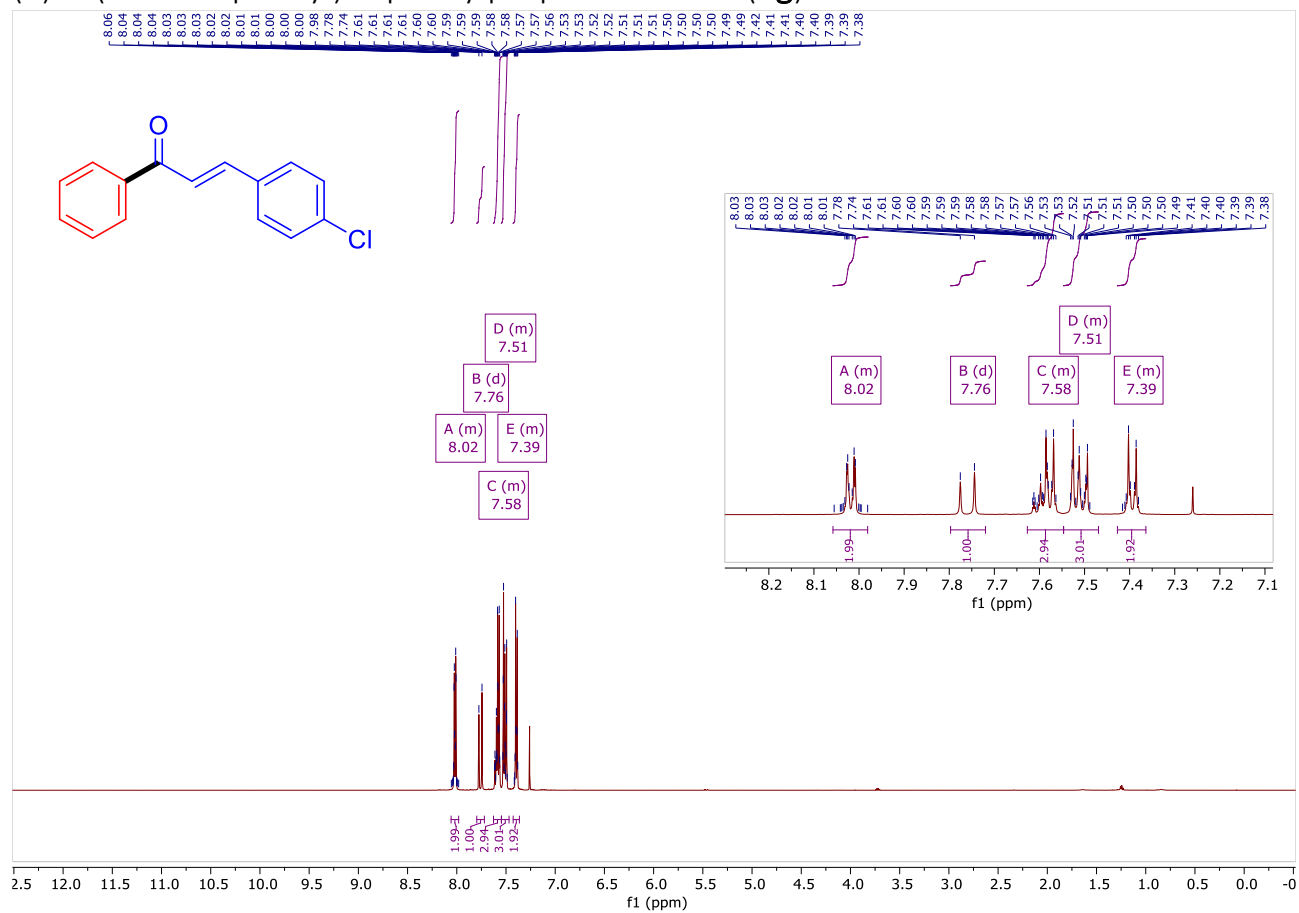
# Methyl (E)-4-(3-(naphthalen-1-yl)acryloyl)benzoate (3e)



# Methyl (E)-4-(3-(thiophen-2-yl)acryloyl)benzoate (3f)

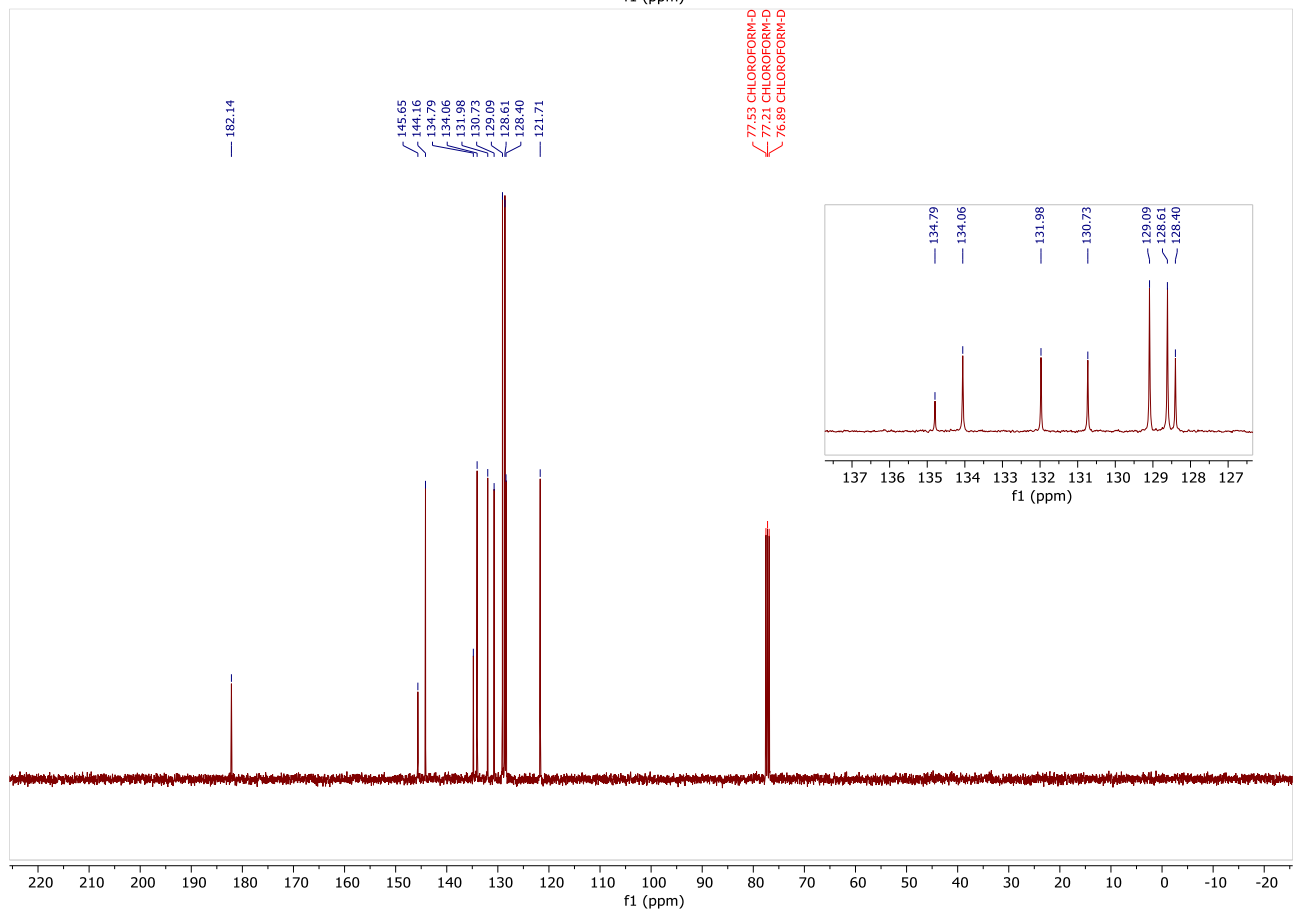
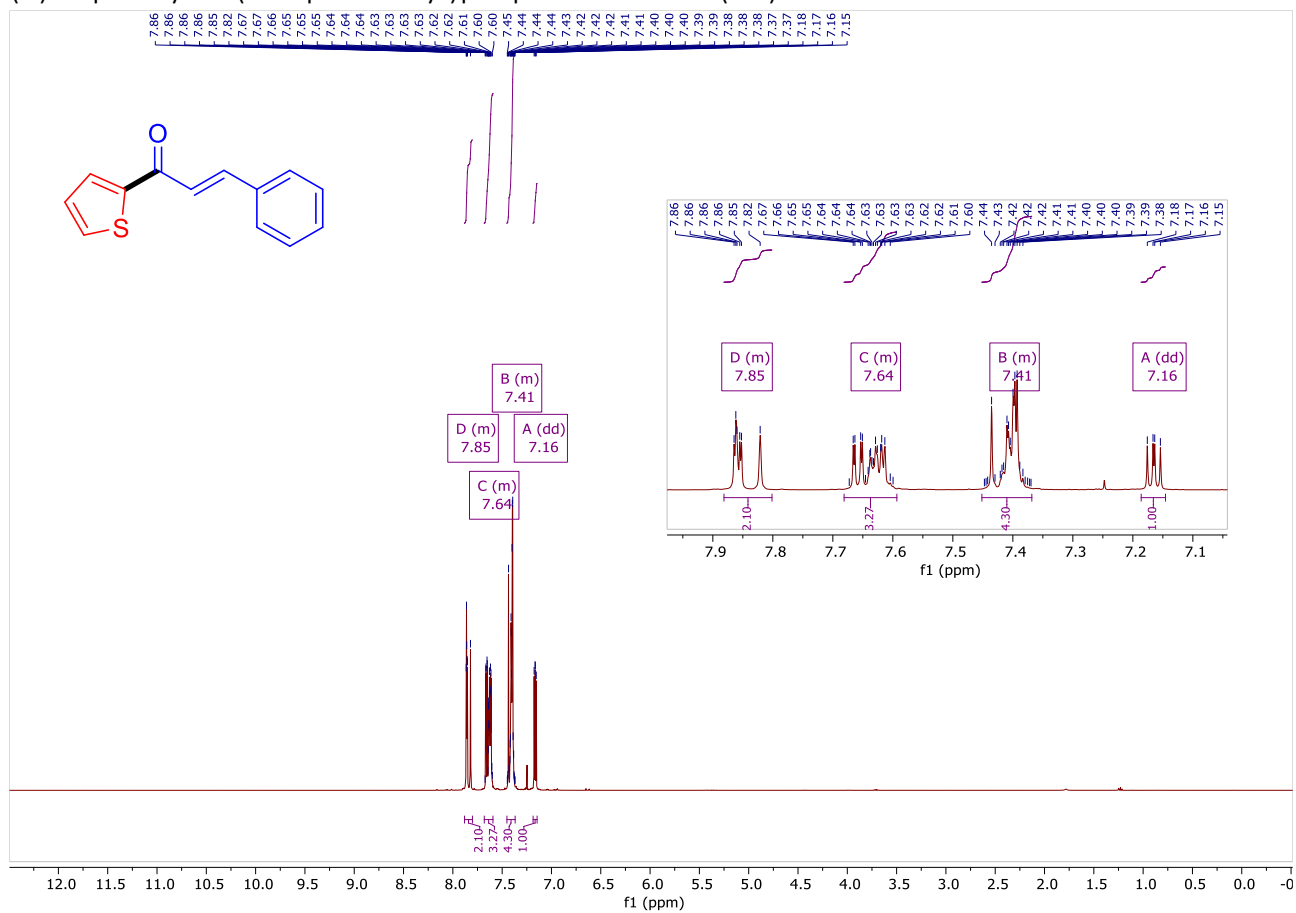


(E)-3-(4-chlorophenyl)-1-phenylprop-2-en-1-one (**3g**)





(E)-3-phenyl-1-(thiophen-2-yl)prop-2-en-1-one (3h)



(E)-3-(4-methoxyphenyl)-1-phenylprop-2-en-1-one (3i)

