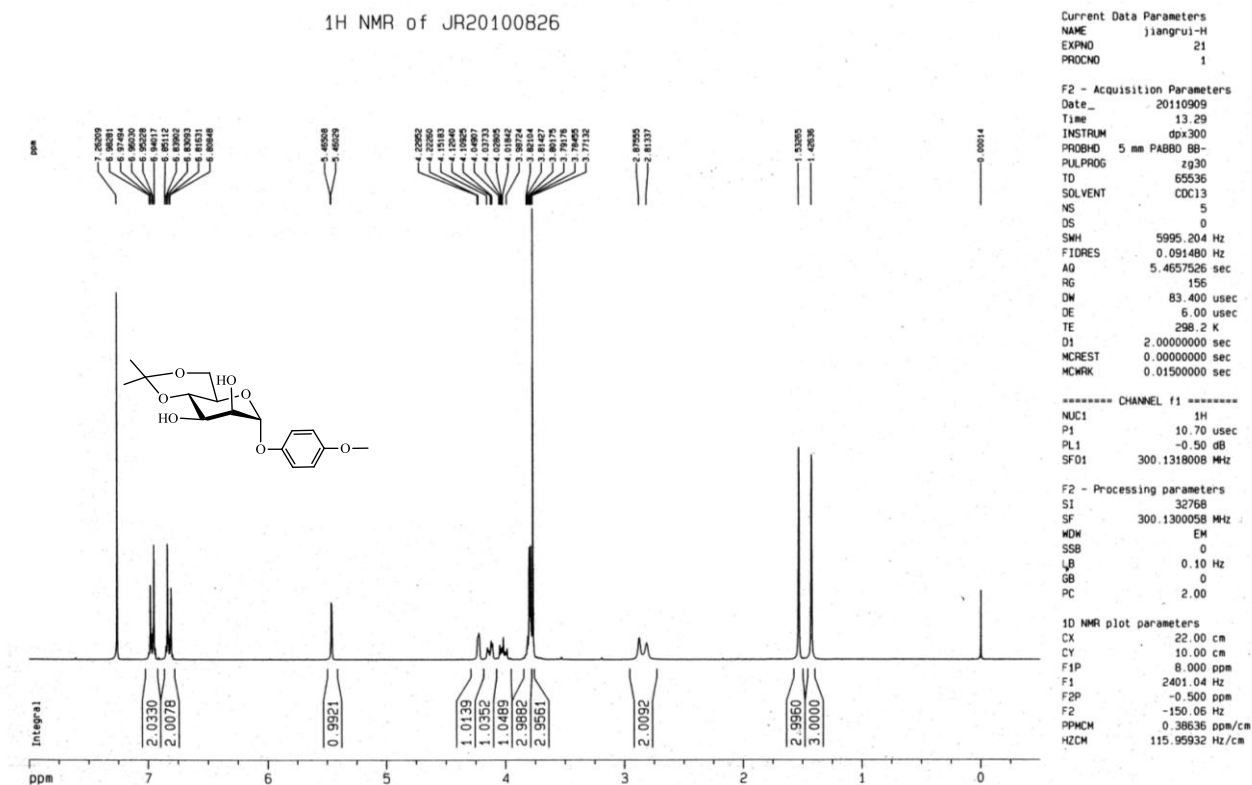
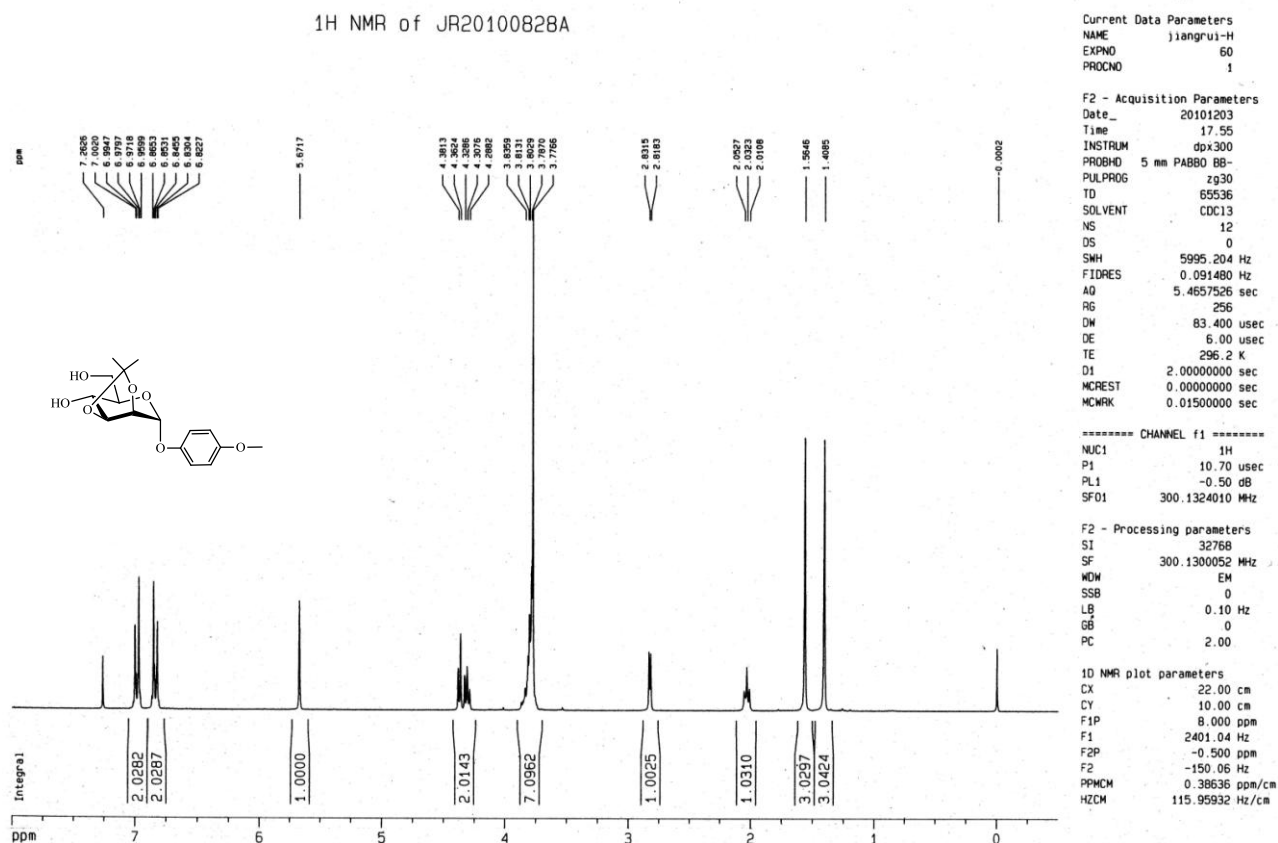
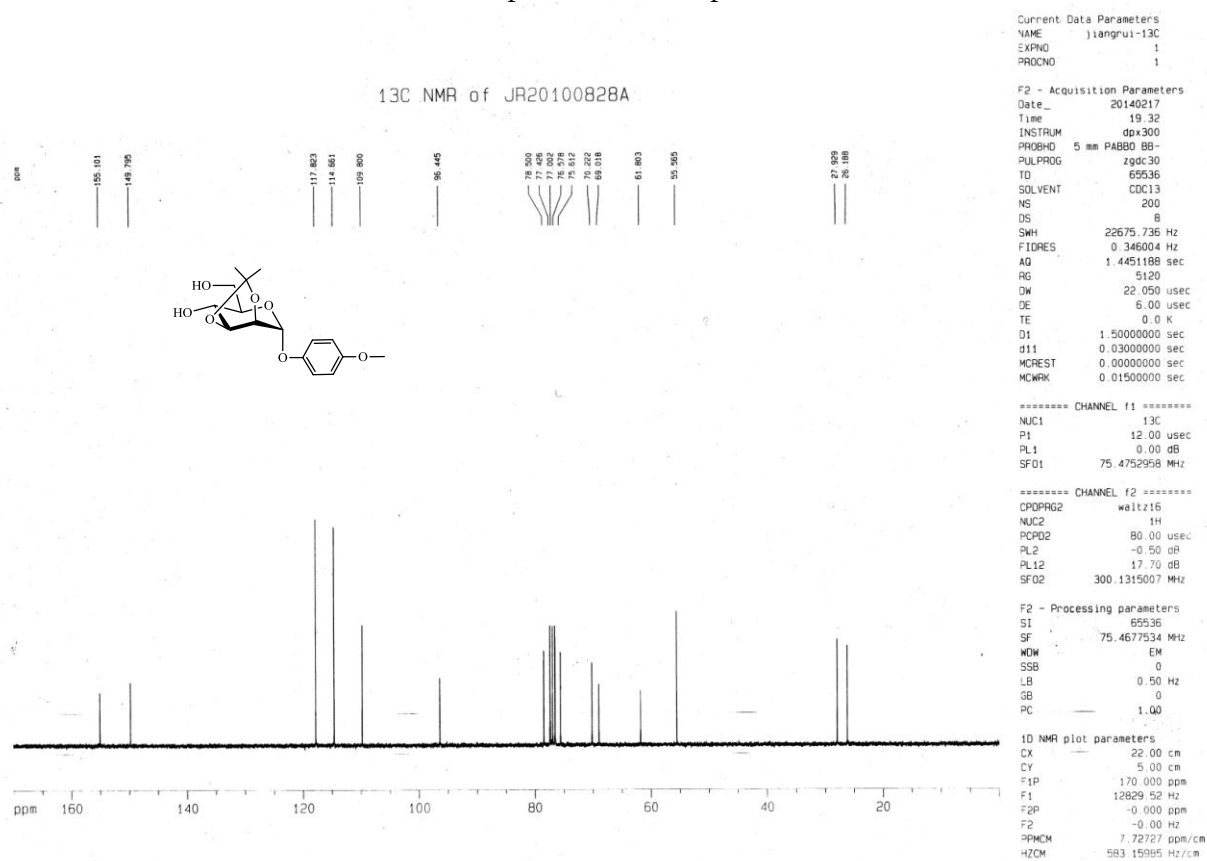
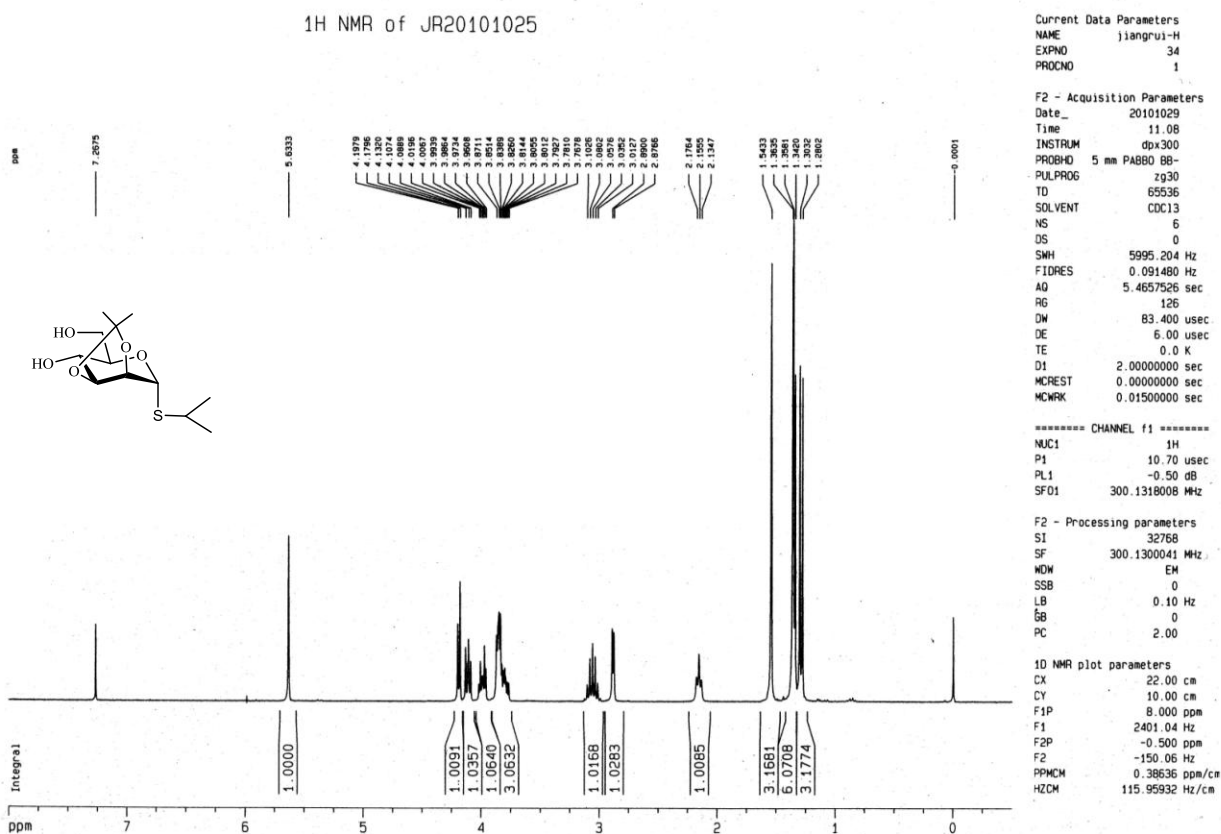
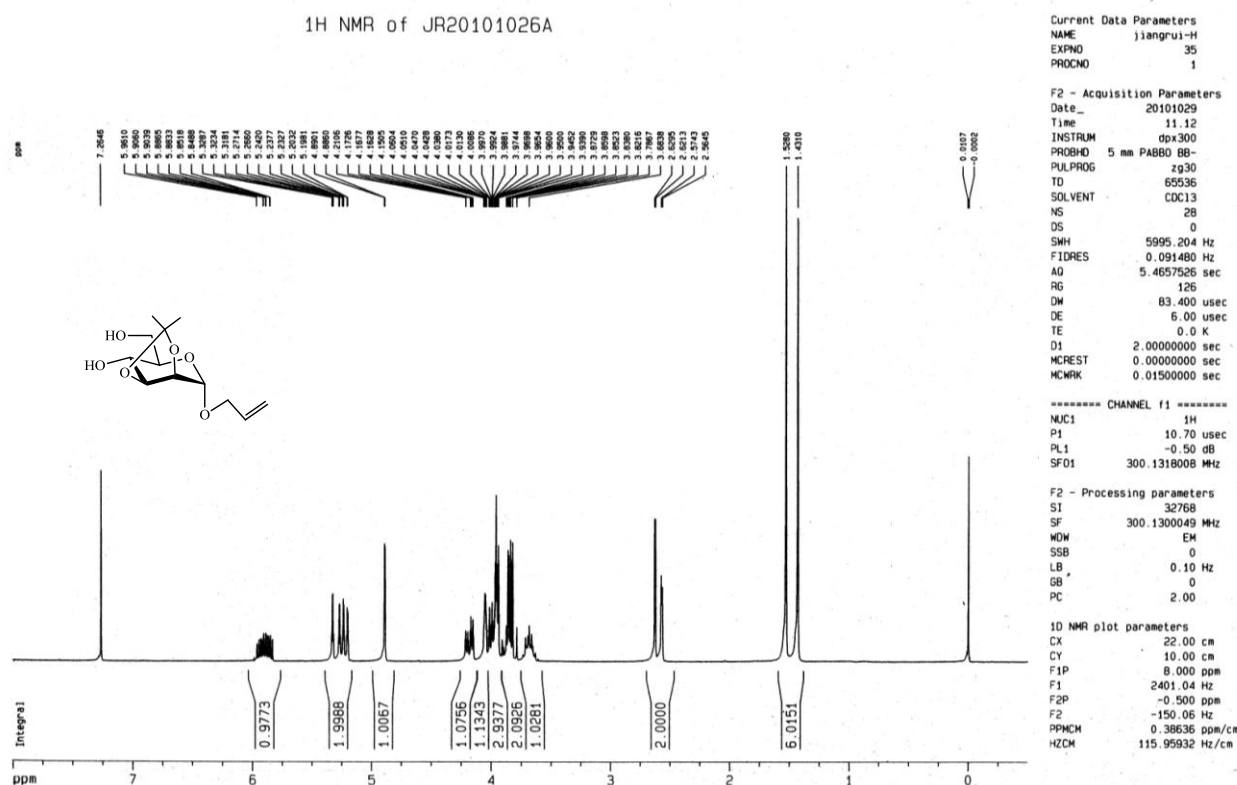
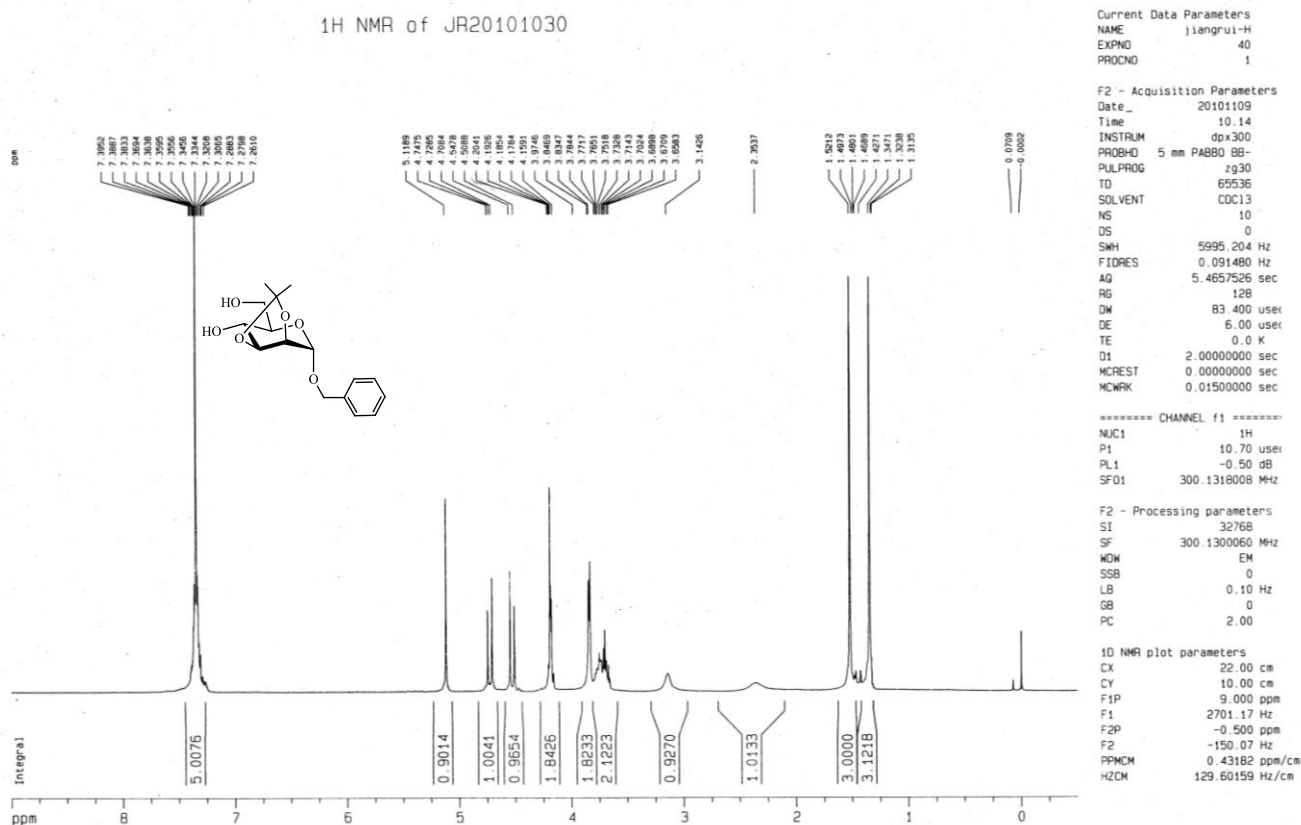


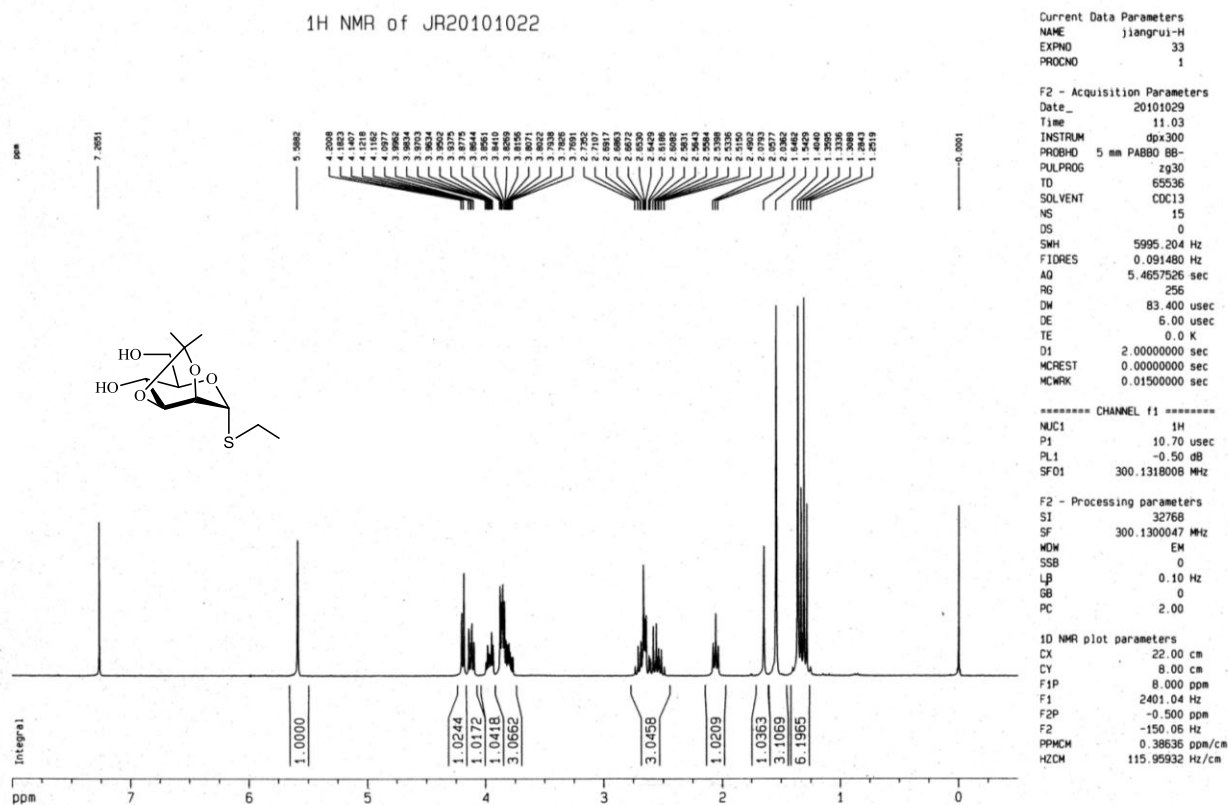
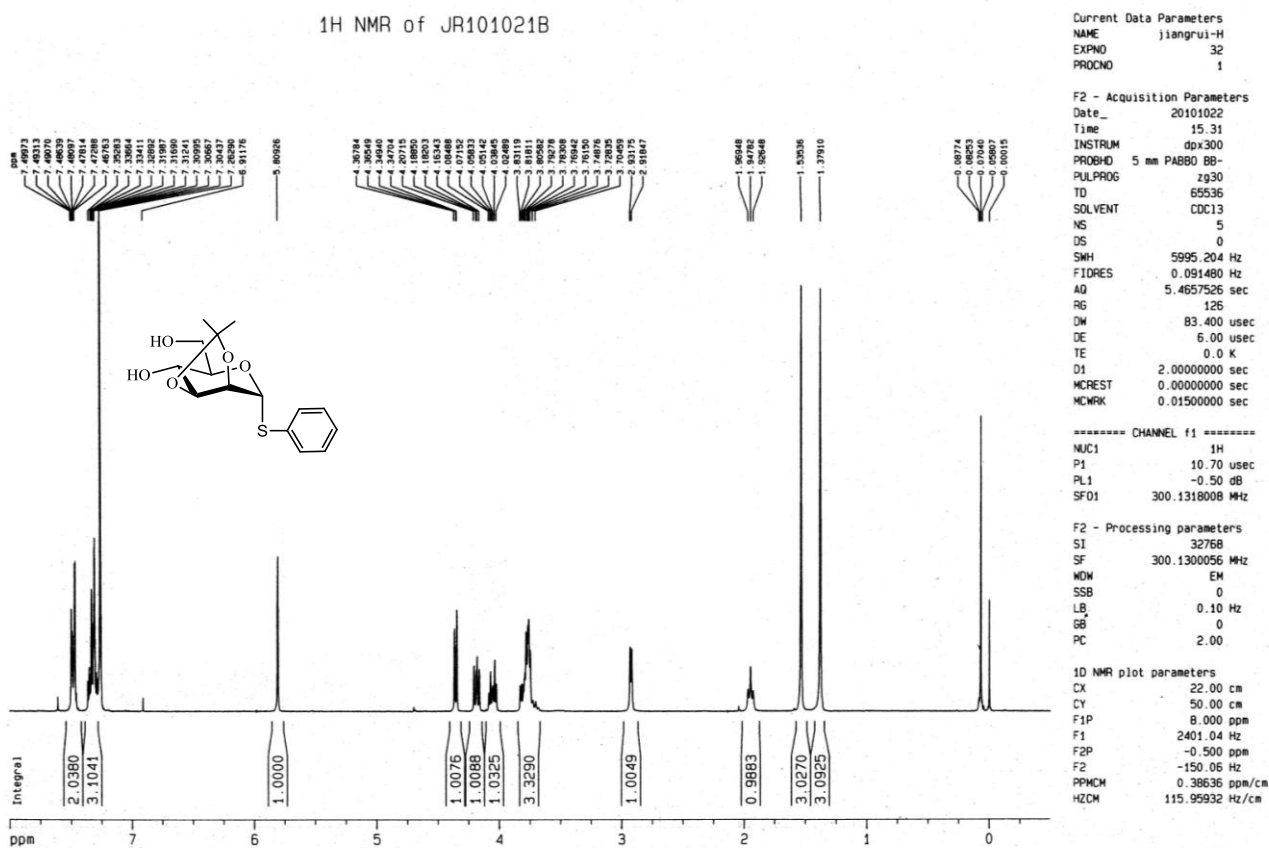
Supplementary

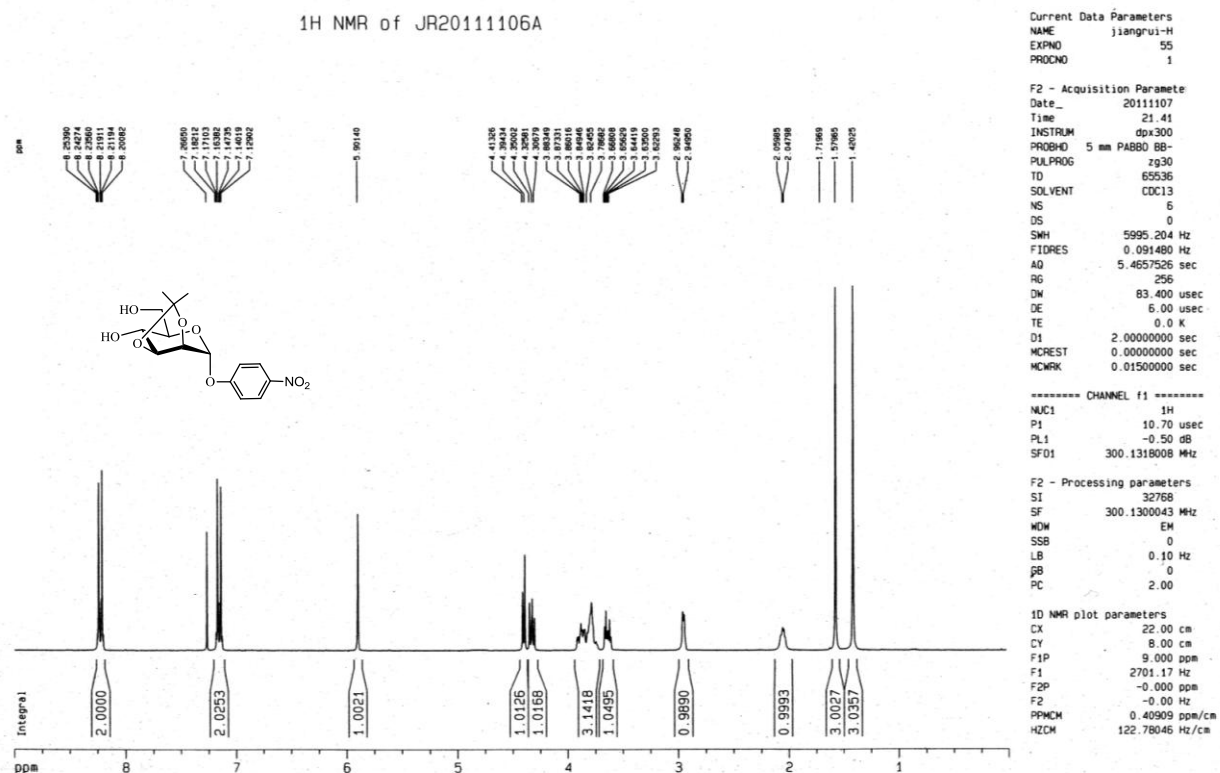
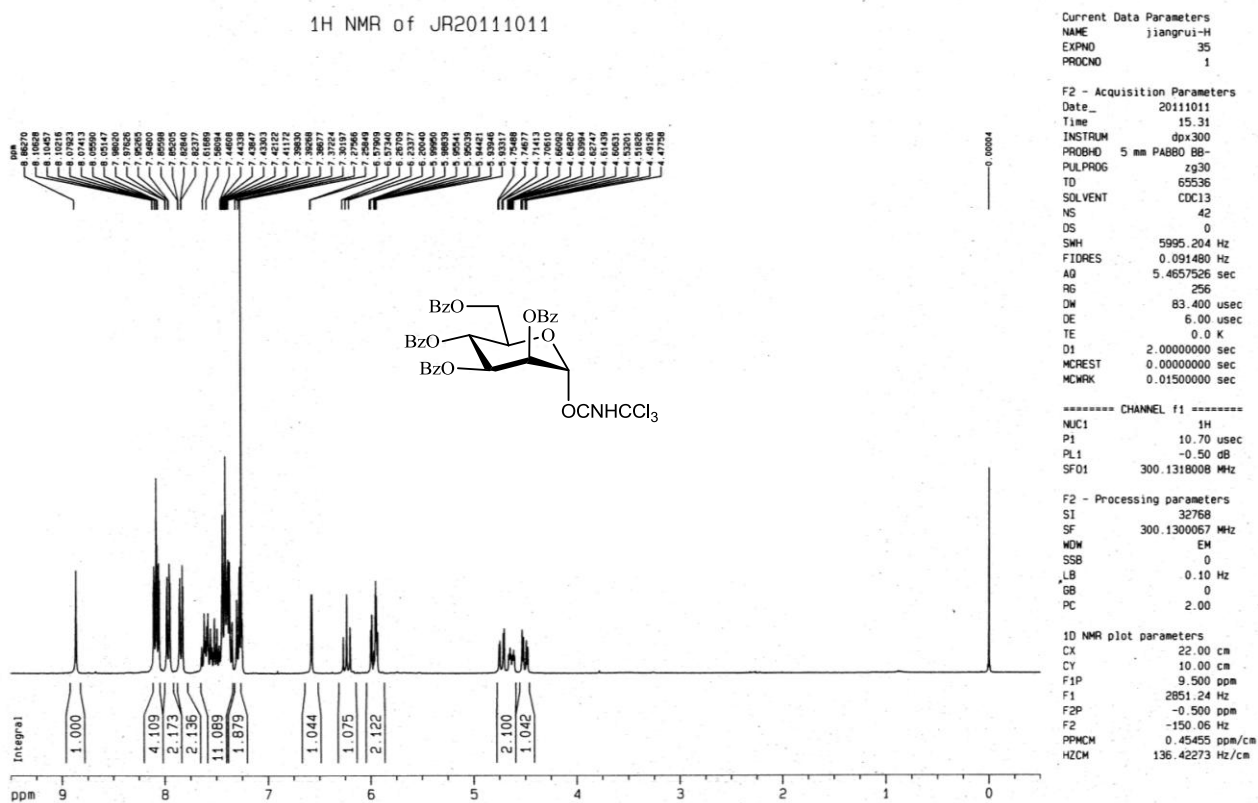
¹ H-NMR spectrum of compound 2a	S2
¹ H-NMR spectrum of compound 3a	S2
¹³ C-NMR spectrum of compound 3a	S3
¹ H-NMR spectrum of compound 3b	S3
¹ H-NMR spectrum of compound 3c	S4
¹ H-NMR spectrum of compound 3d	S4
¹ H-NMR spectrum of compound 3e	S5
¹ H-NMR spectrum of compound 3f	S5
¹ H-NMR spectrum of compound 3g	S6
¹ H-NMR spectrum of compound 4	S6
¹ H-NMR spectrum of compound 5	S7
¹³ C-NMR spectrum of compound 5	S7
¹ H-NMR spectrum of compound 6	S8
¹³ C-NMR spectrum of compound 6	S8
¹ H-NMR spectrum of compound 7	S9
¹³ C-NMR spectrum of compound 7	S9
¹ H-NMR spectrum of compound 8	S10
¹³ C-NMR spectrum of compound 8	S10
¹ H-NMR spectrum of compound 9	S11
¹³ C-NMR spectrum of compound 9	S11
¹ H-NMR spectrum of compound 10	S12
¹³ C-NMR spectrum of compound 10	S12
HRMS spectrum of compound 10	S13

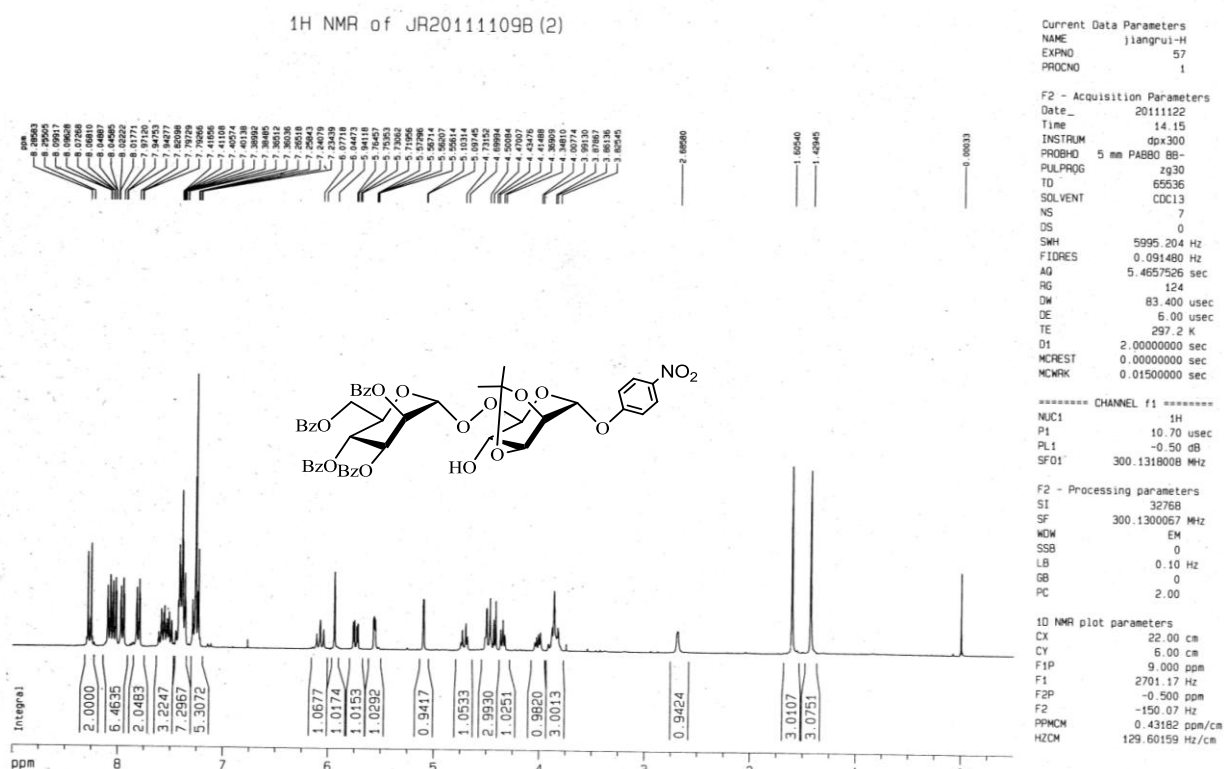
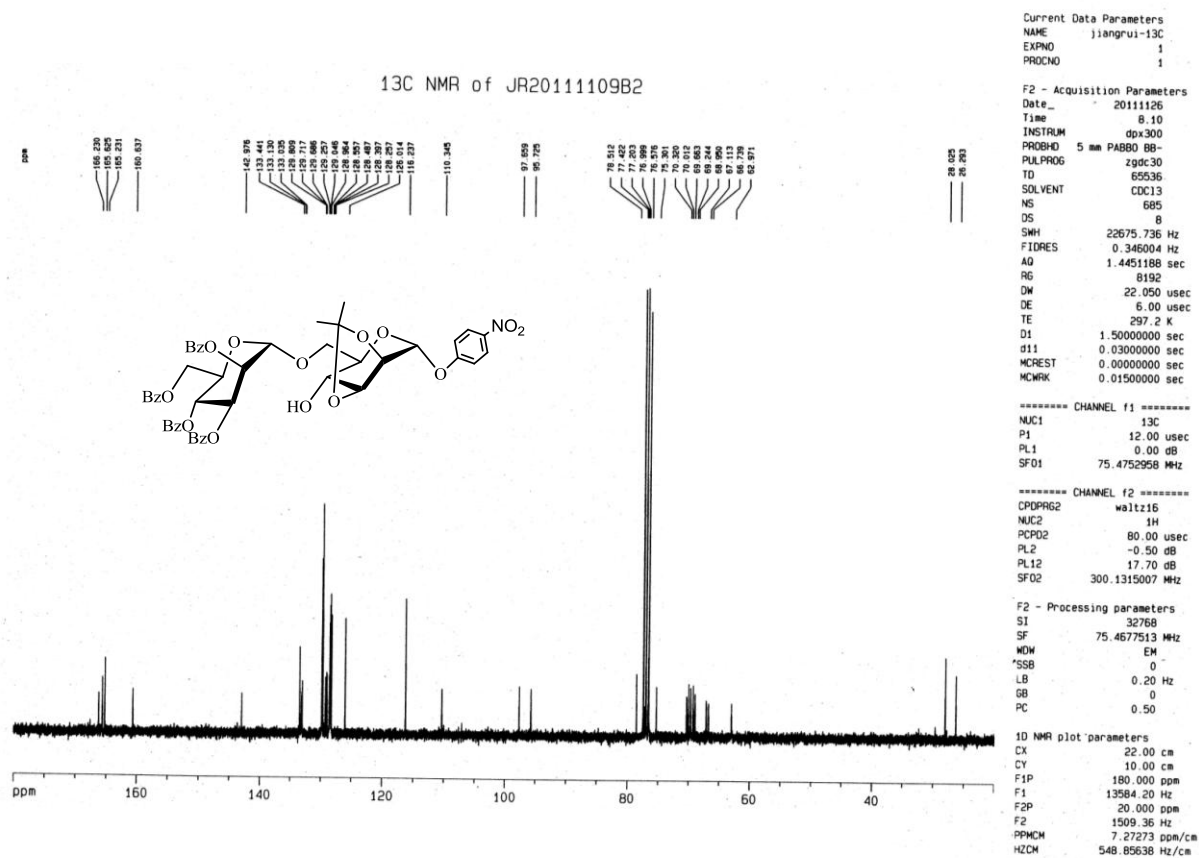
¹H-NMR spectrum of compound 2a¹H-NMR spectrum of compound 3a

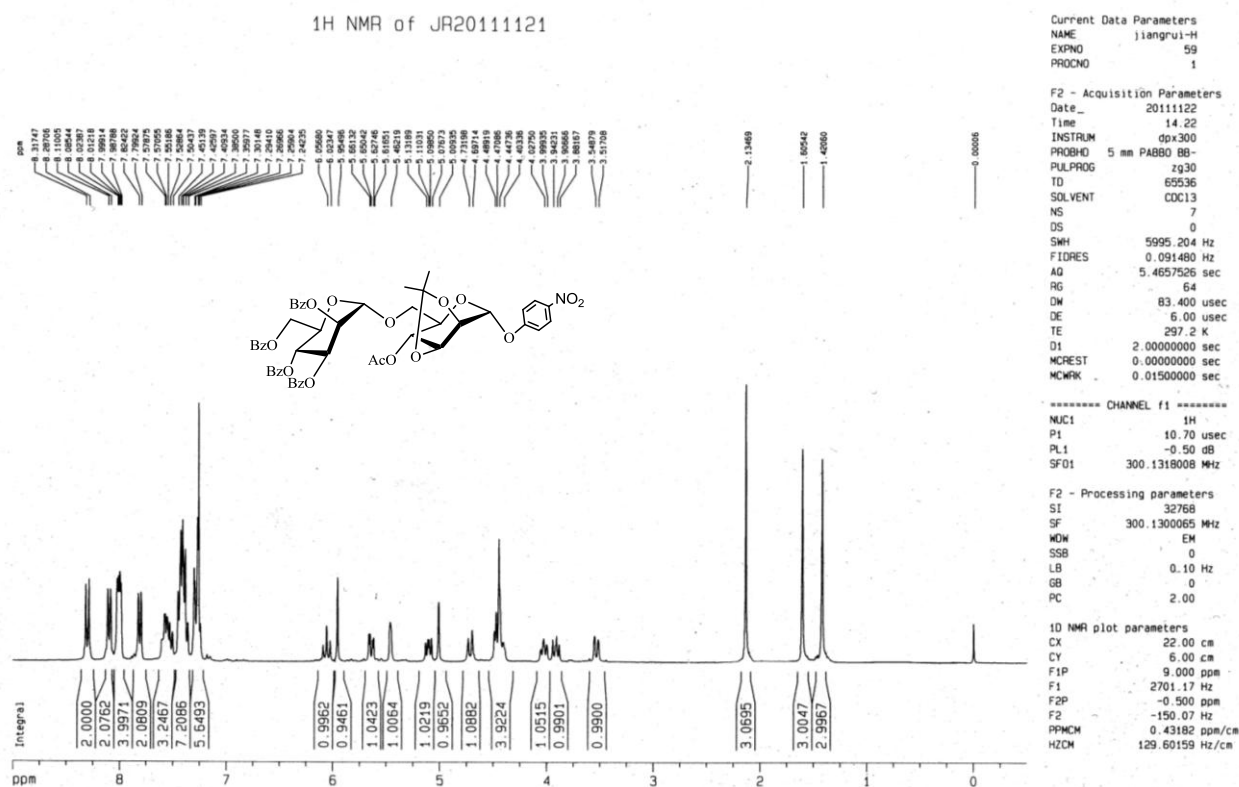
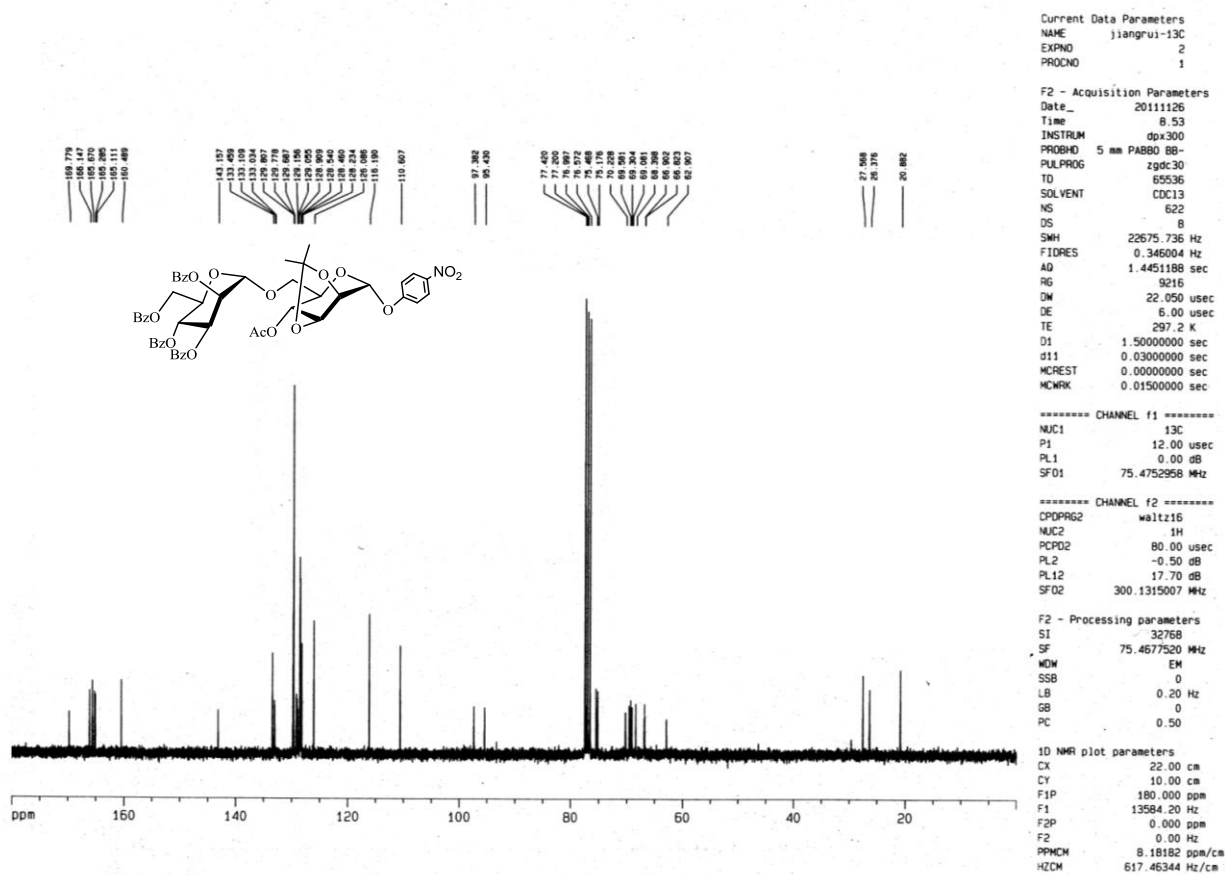
^{13}C -NMR spectrum of compound 3a ^1H -NMR spectrum of compound 3b

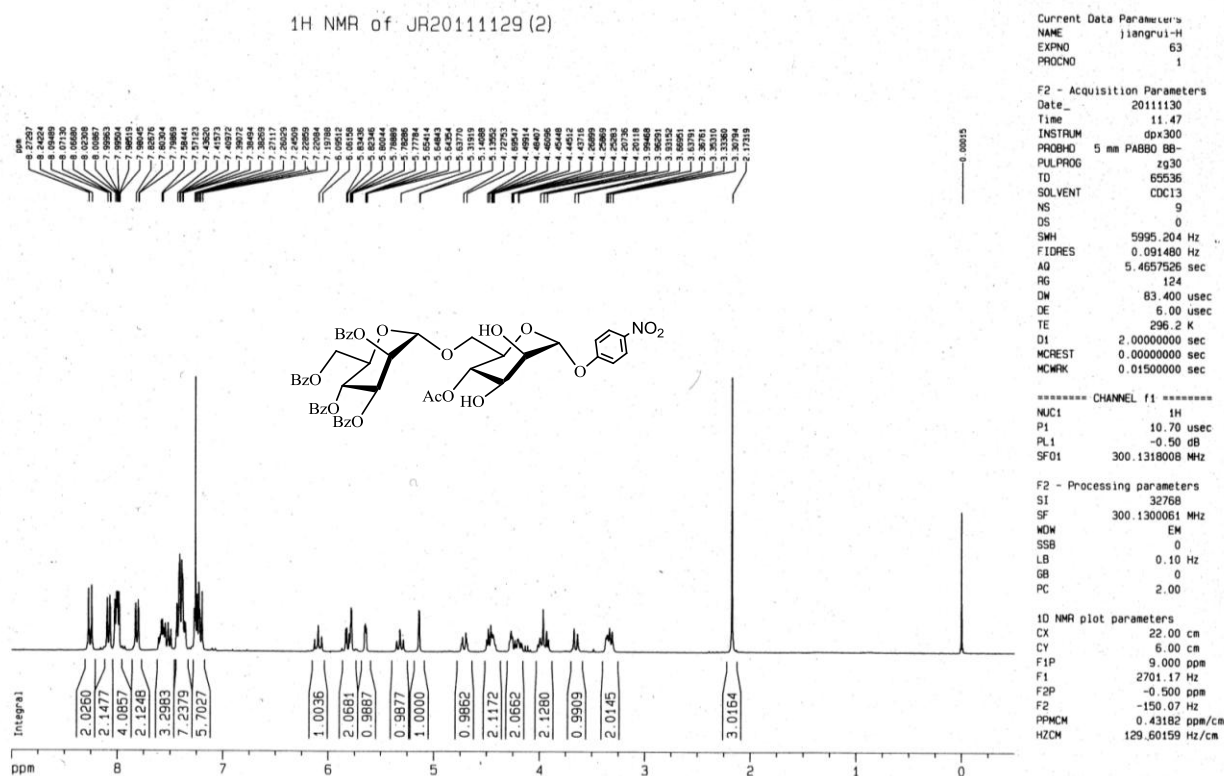
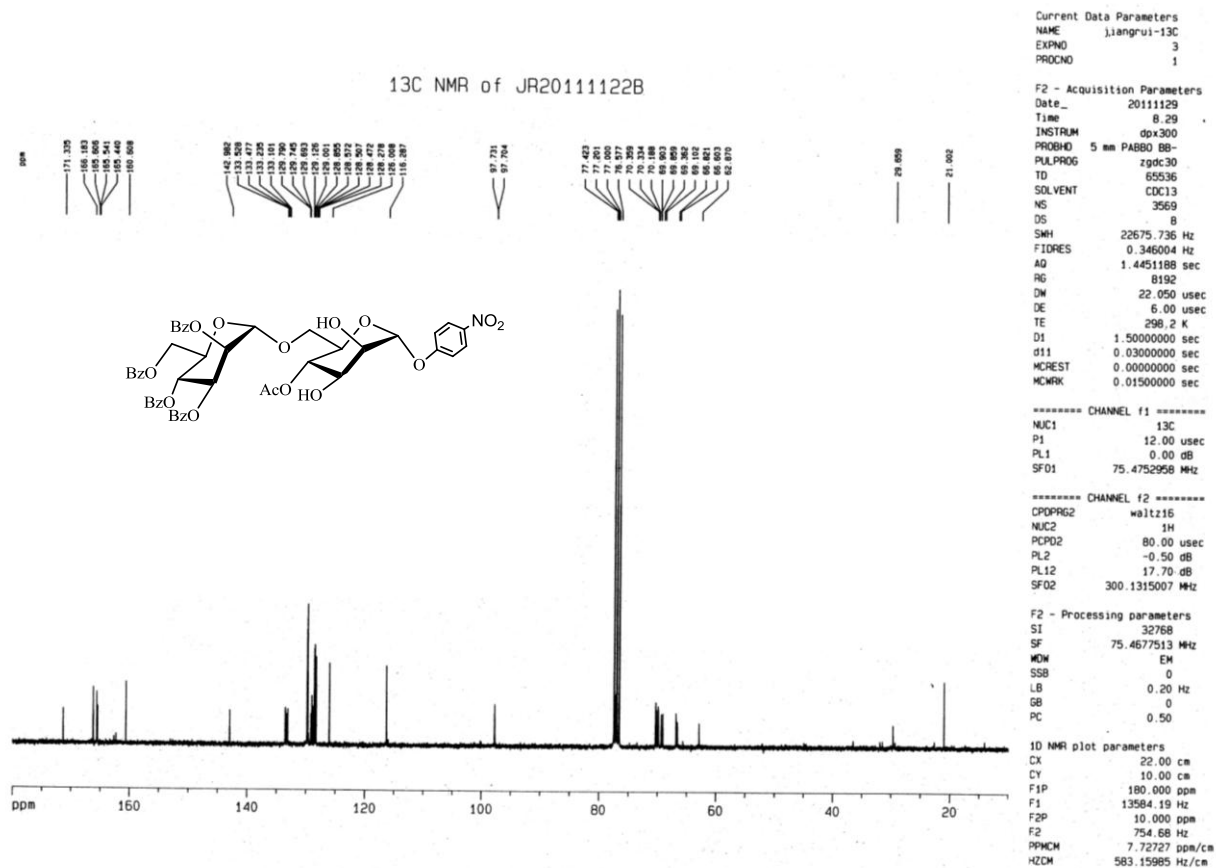
^1H -NMR spectrum of compound 3c ^1H -NMR spectrum of compound 3d

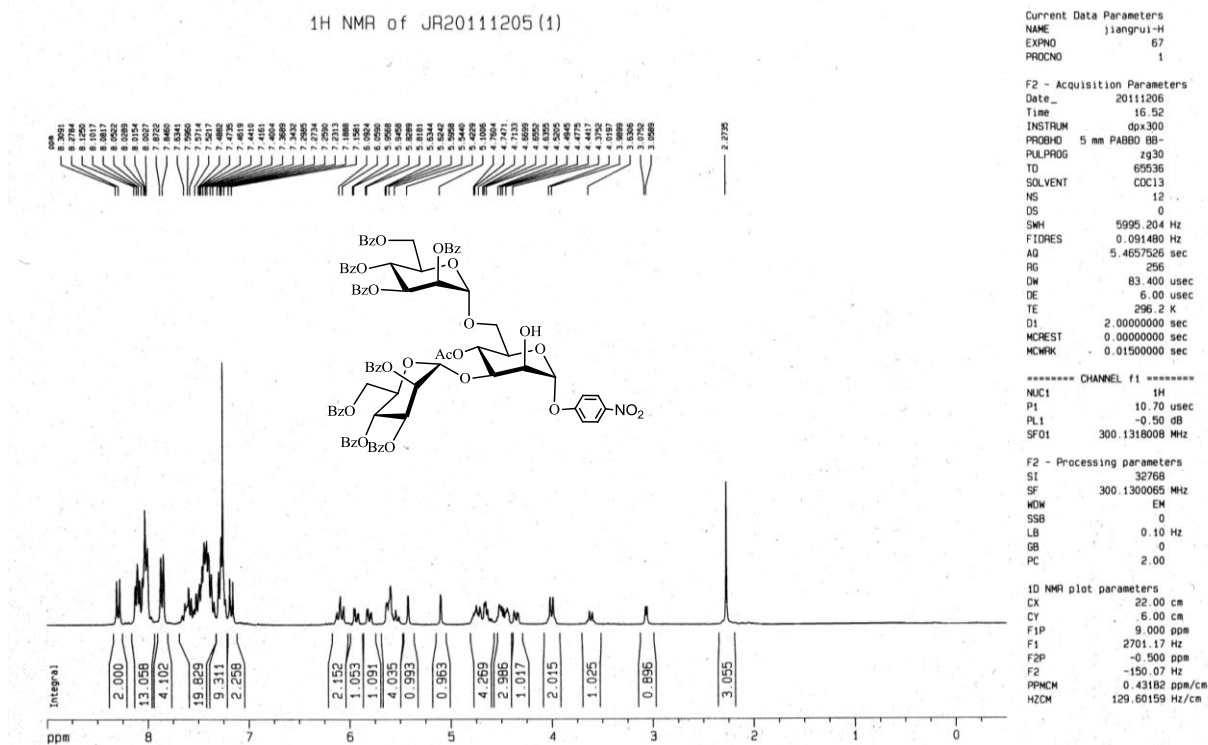
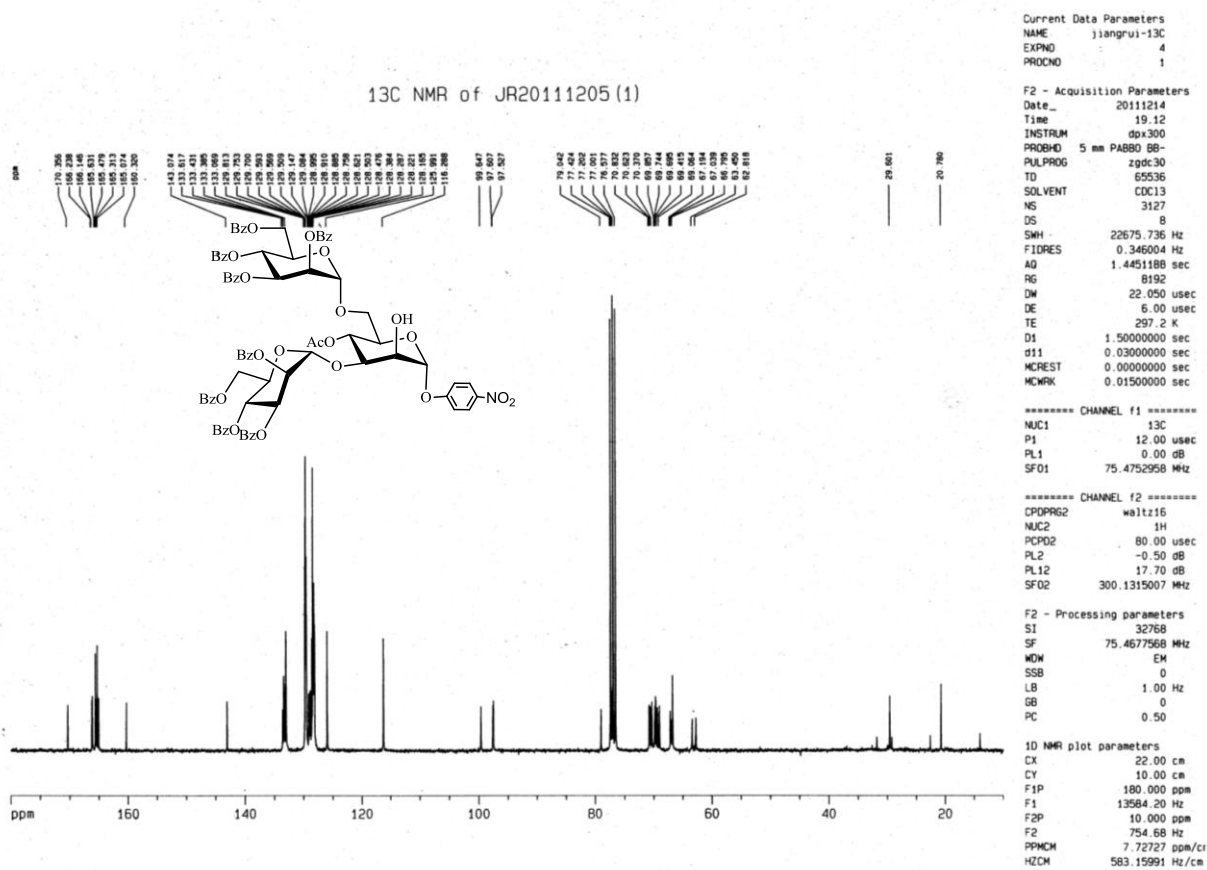
¹H-NMR spectrum of compound 3e¹H-NMR spectrum of compound 3f

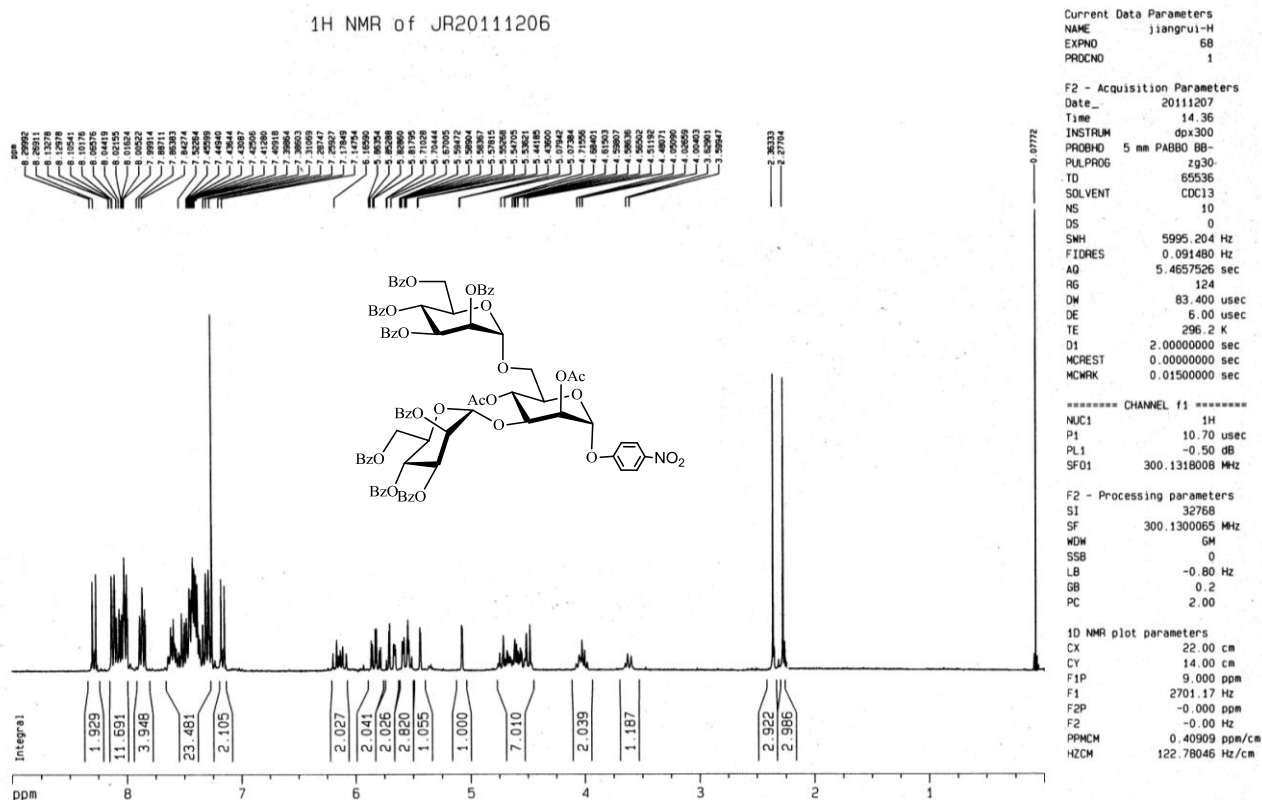
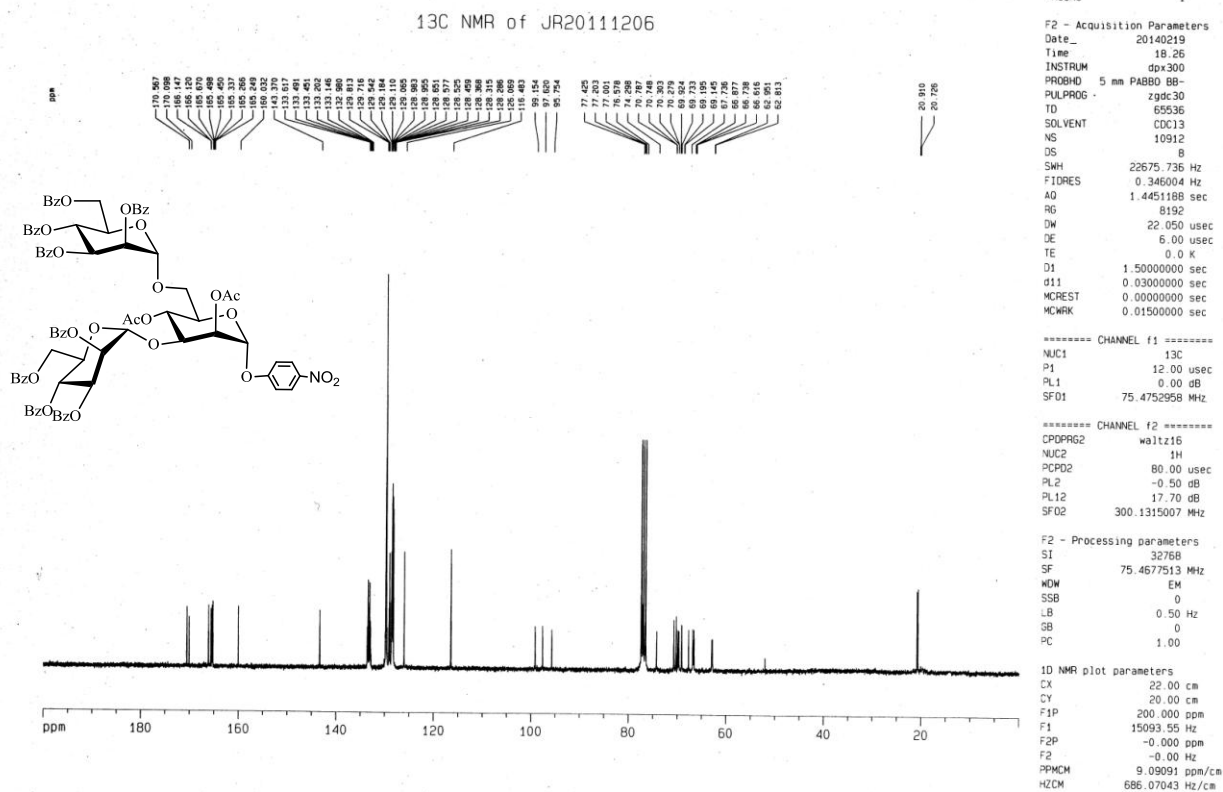
¹H-NMR spectrum of compound 3g¹H-NMR spectrum of compound 4

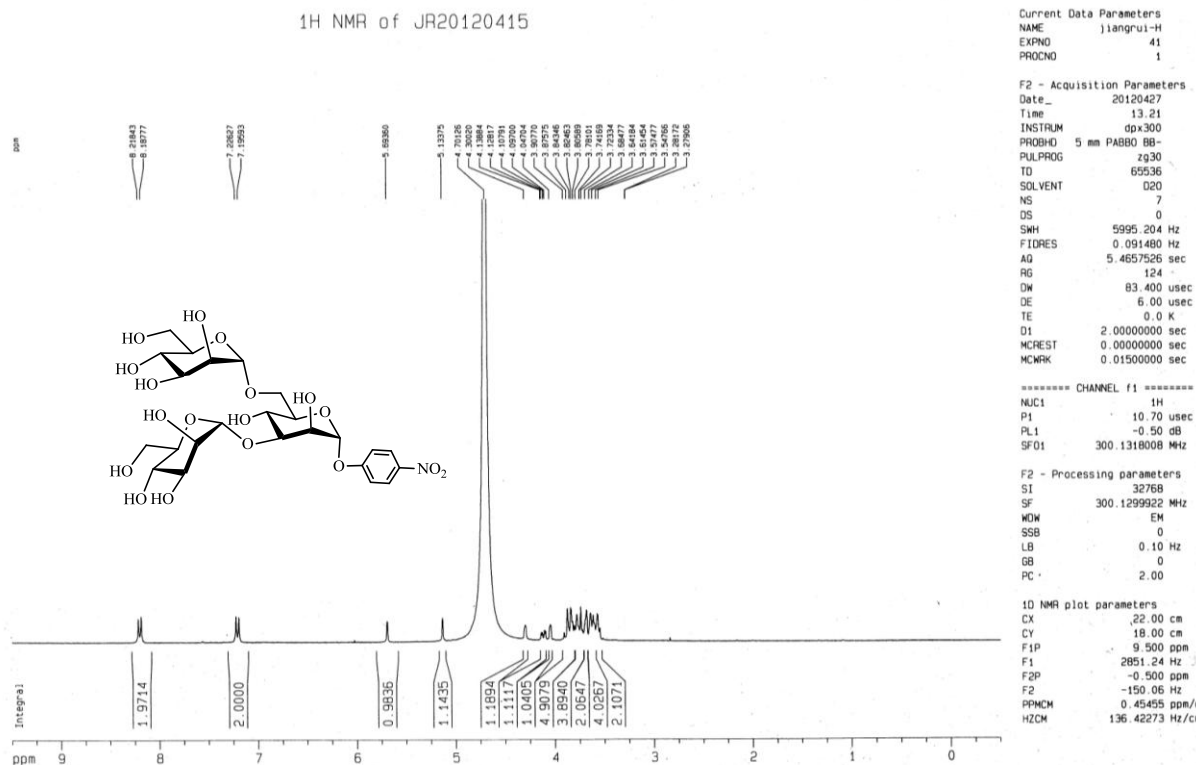
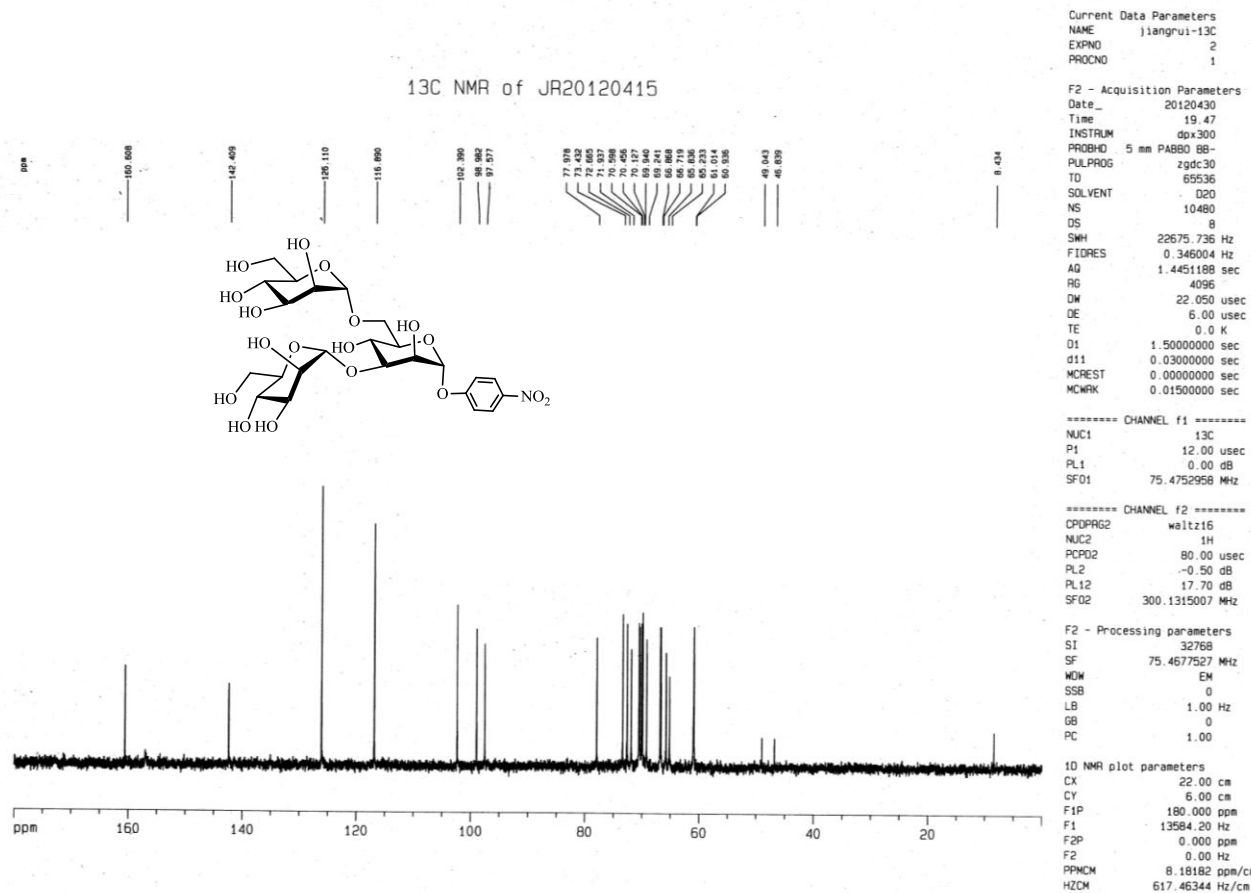
¹H-NMR spectrum of compound 5¹³C-NMR spectrum of compound 5

¹H-NMR spectrum of compound 6¹³C-NMR spectrum of compound 6

¹H-NMR spectrum of compound 7¹³C-NMR spectrum of compound 7

¹H-NMR spectrum of compound **8** ^{13}C -NMR spectrum of compound **8**

¹H-NMR spectrum of compound 9¹³C-NMR spectrum of compound 9

¹H-NMR spectrum of compound 10¹³C-NMR spectrum of compound 10

HRMS spectrum of compound 10

Peking University Mass Spectrometry Sample Analysis Report

Analysis Info

Analysis Name 12050103_20120503_000001.d
Sample
Comment ESI Positive

Acquisition Date 5/3/2012 4:11:51 PM
Instrument Bruker Apex IV FTMS
Operator Peking University

