

Electronic Supplementary Information

**Synthesis of Central Spiro-*bis*-THF Fragments of  
Symbiospirols A–C**

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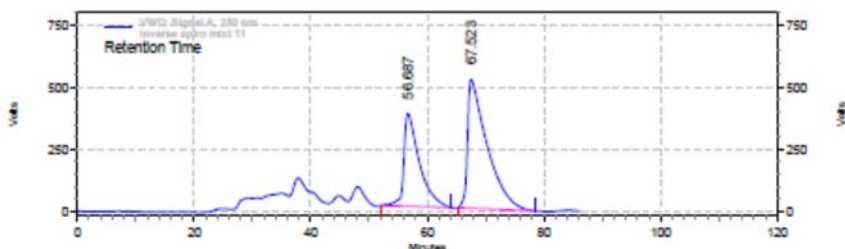
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1.	HPLC data comparison of <sup>13</sup> C NMR chemical shifts	S2
3.	NMR spectra's of compounds	S3

## HPLC data of compounds 4a and 4b:

### Area % Report

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VWD: Signal A,  
250 nm Results

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67.523	2036555259	63.52	8739326	58.16

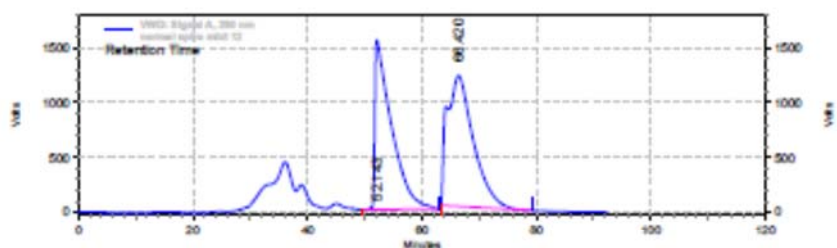
Totals	Area	Area %	Height	Height %
	3205973309	100.00	15026805	100.00

Column: YMC HPLC, Chiral Art (250 X 10.0 mm I.D), (S- 5  $\mu$ m)  
 Solvent: 25% IPA-n-Hexane  
 Flow rate: 0.5 ml/min  
 Run Time: 120 min  
 Wavelength: 250 nm

## HPLC data of compounds 4a' and 4b':

### Area % Report

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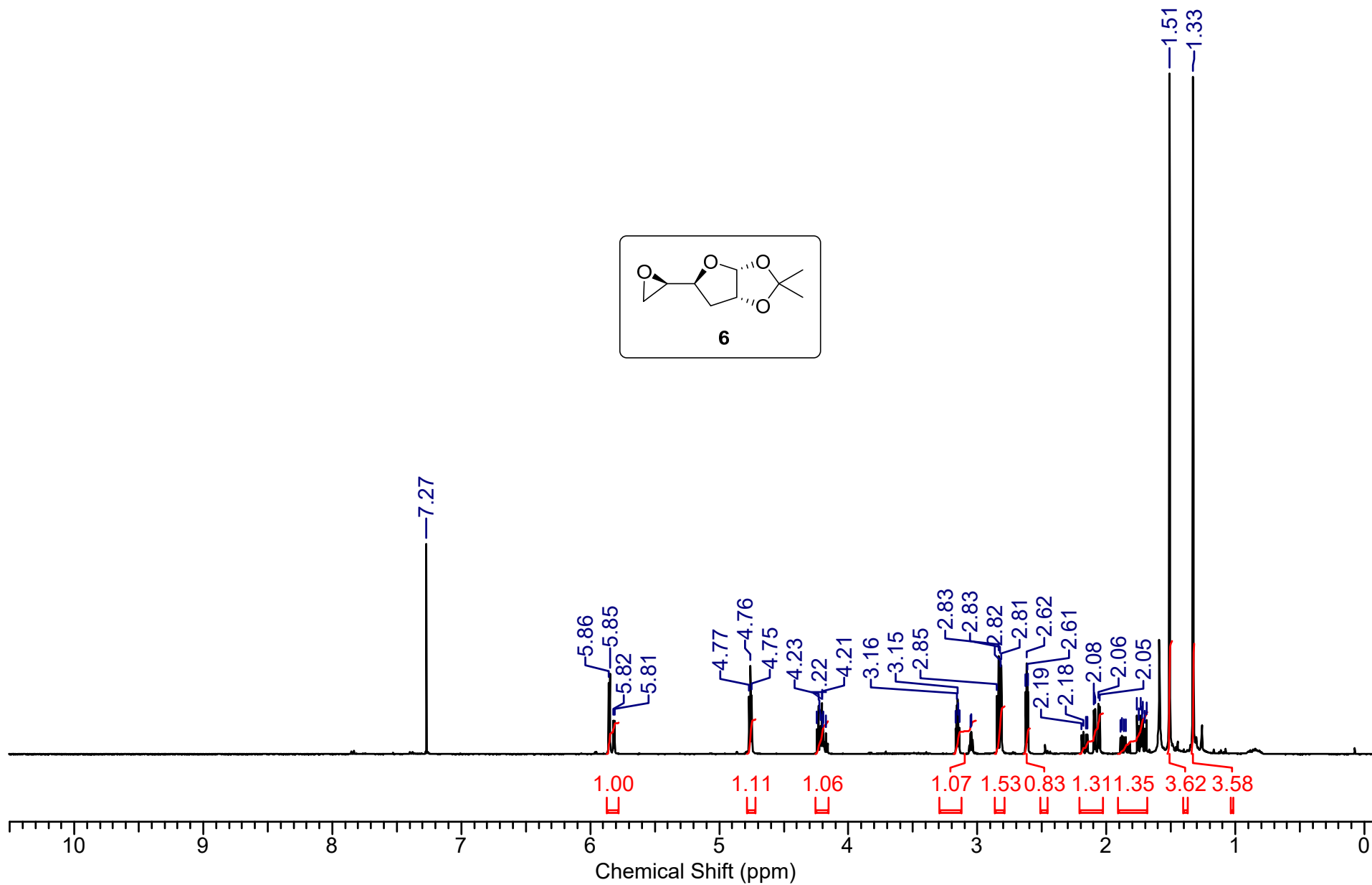
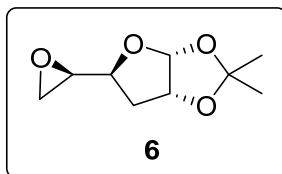


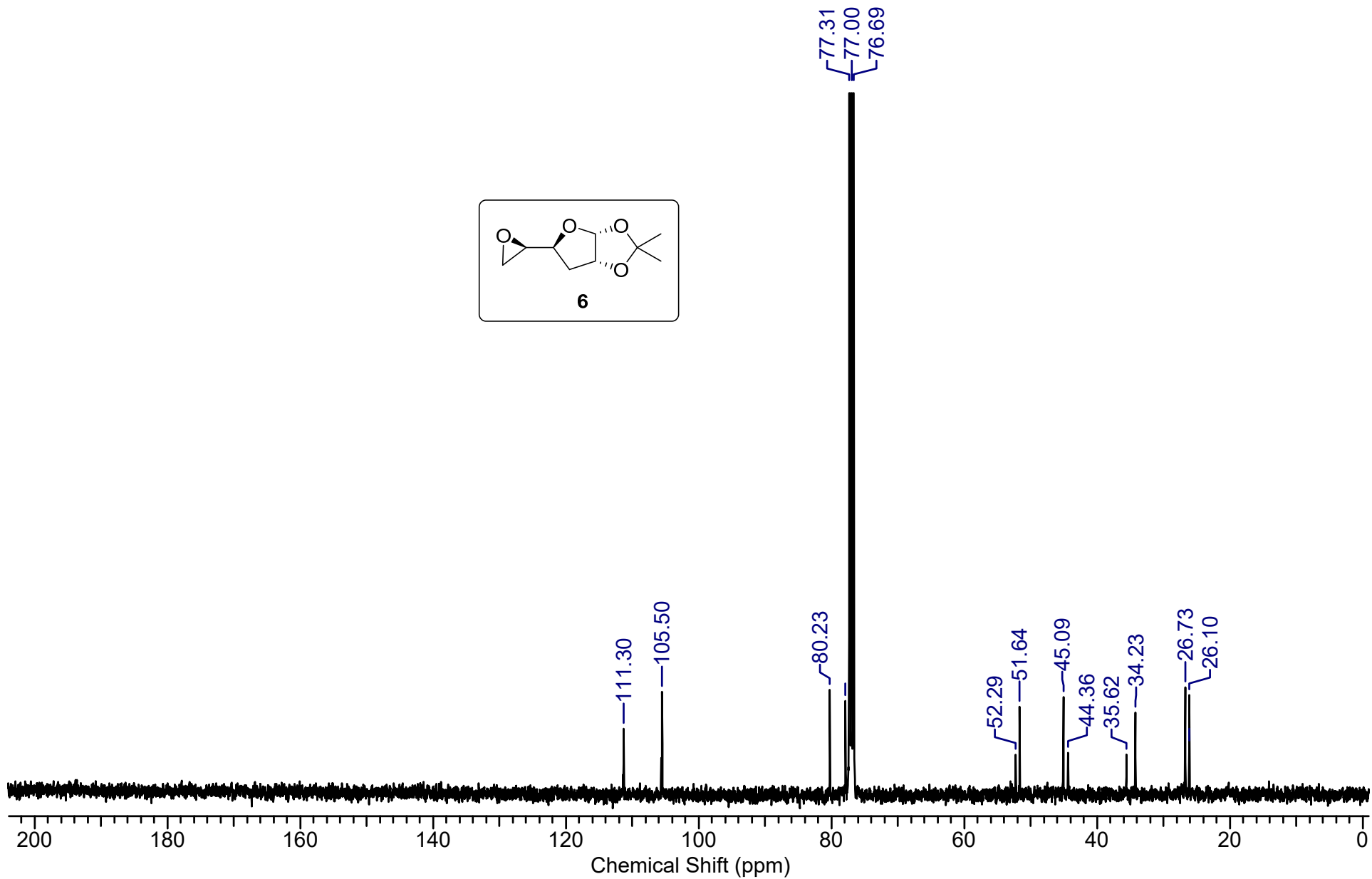
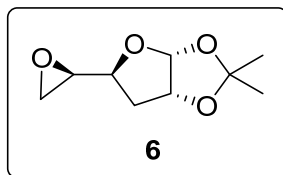
VWD: Signal A,  
250 nm Results

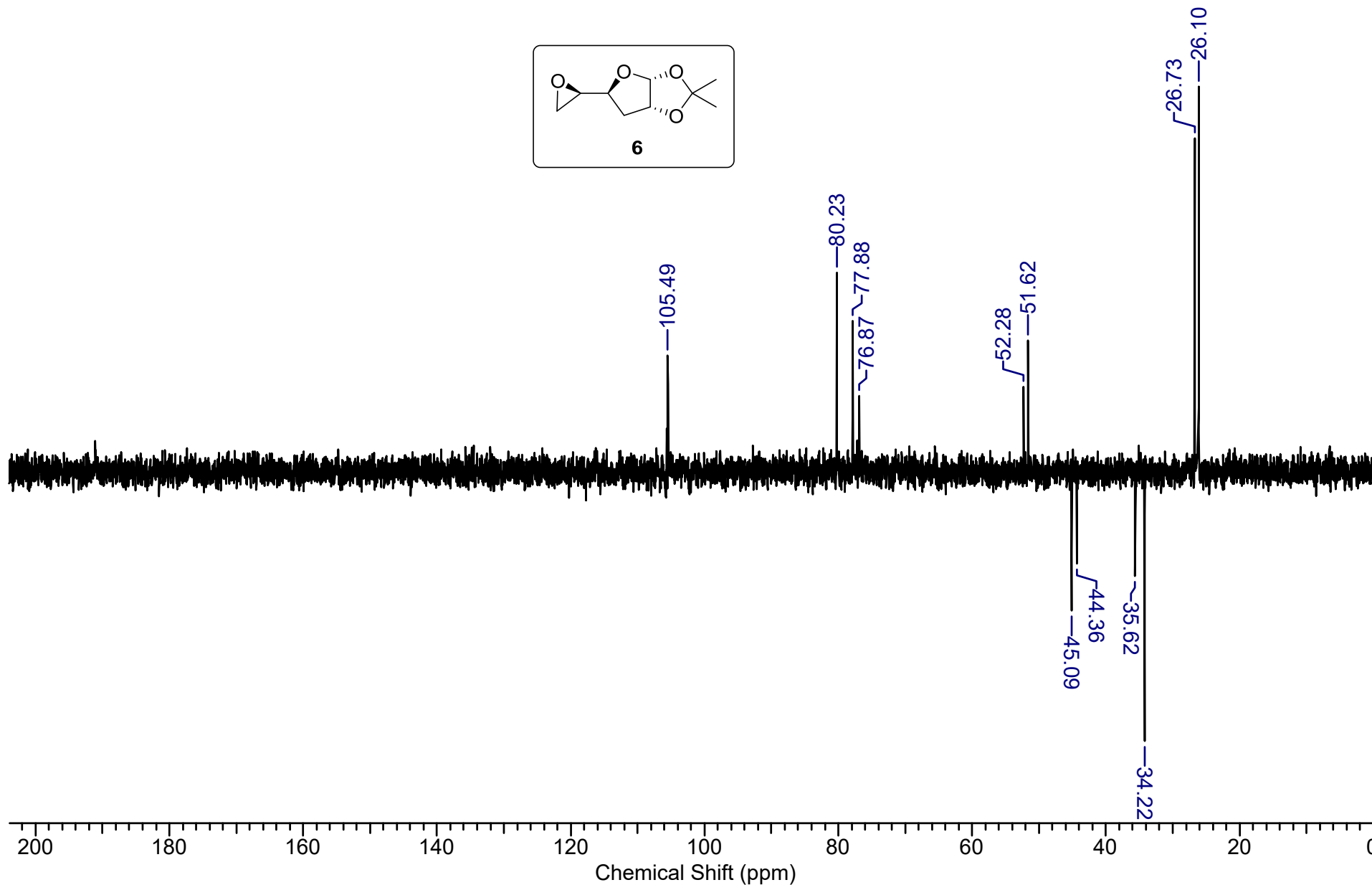
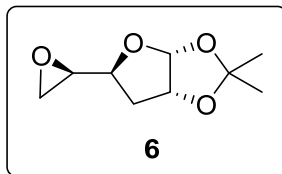
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Totals	Area	Area %	Height	Height %
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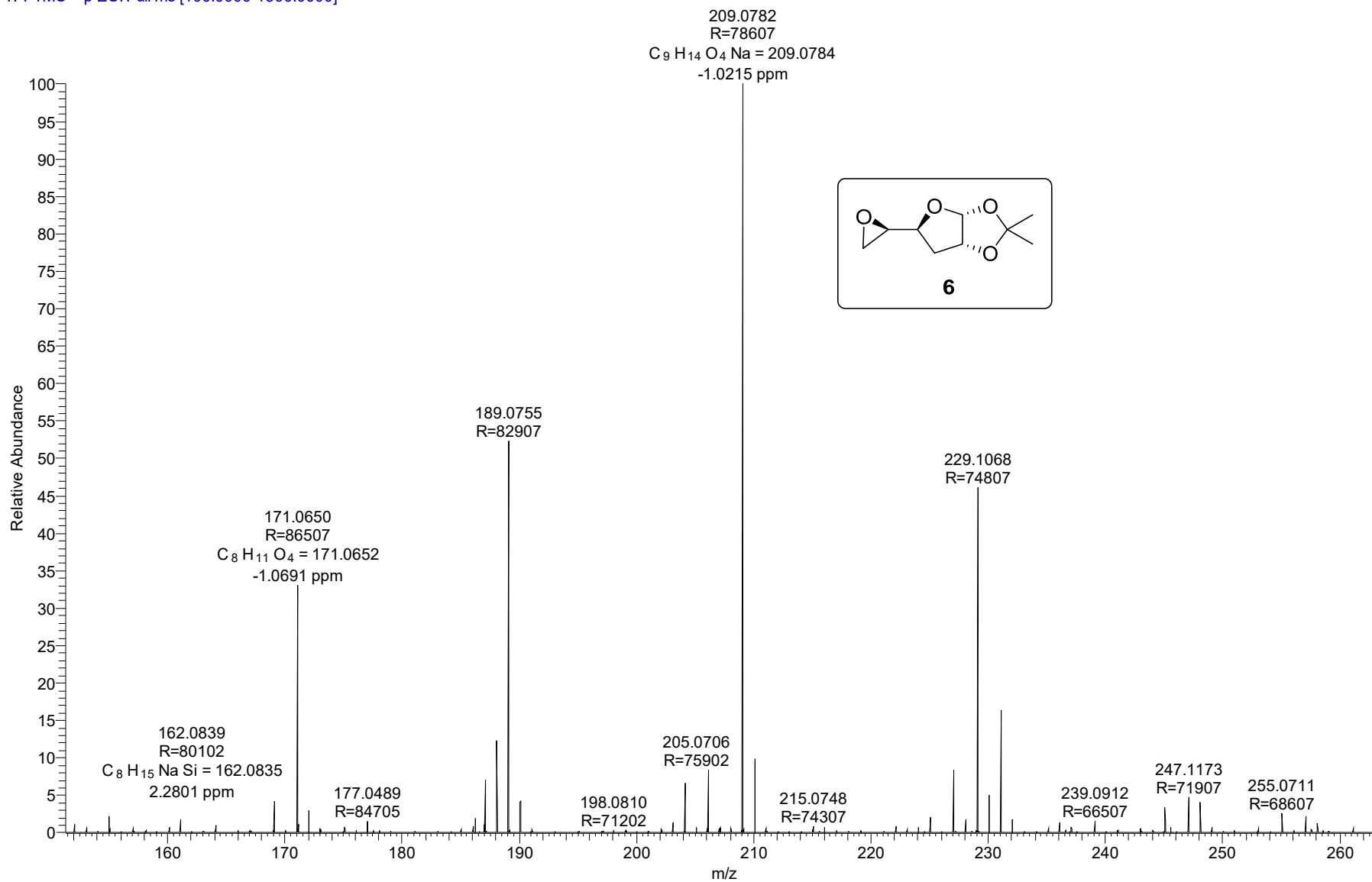
Column: YMC HPLC, Chiral Art (250 X 10.0 mm I.D), (S-5  $\mu$ m)  
 Solvent: 25% IPA-n-Hexane  
 Flow rate: 0.5 ml/min  
 Run Time: 120 min  
 Wavelength: 250 nm

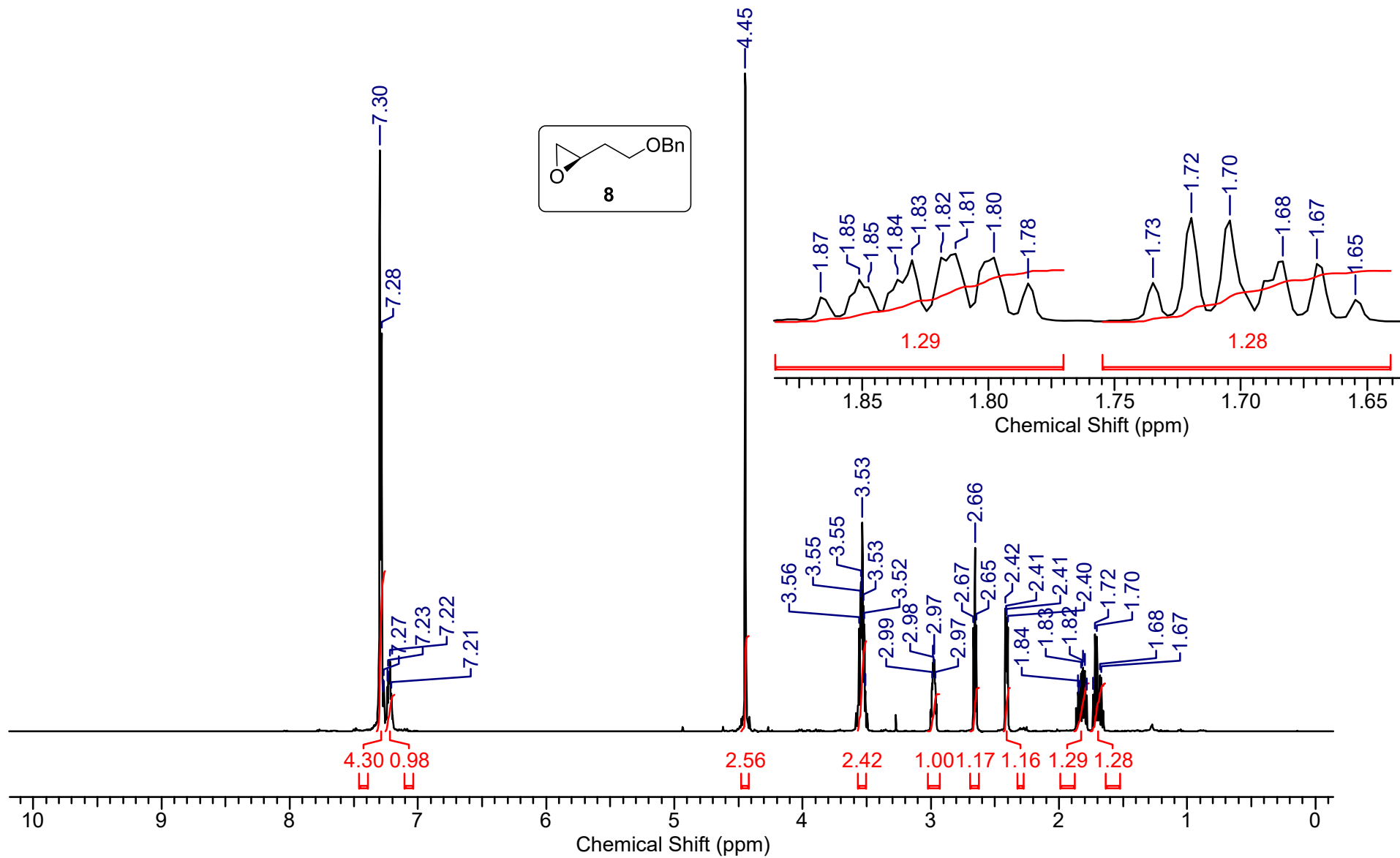


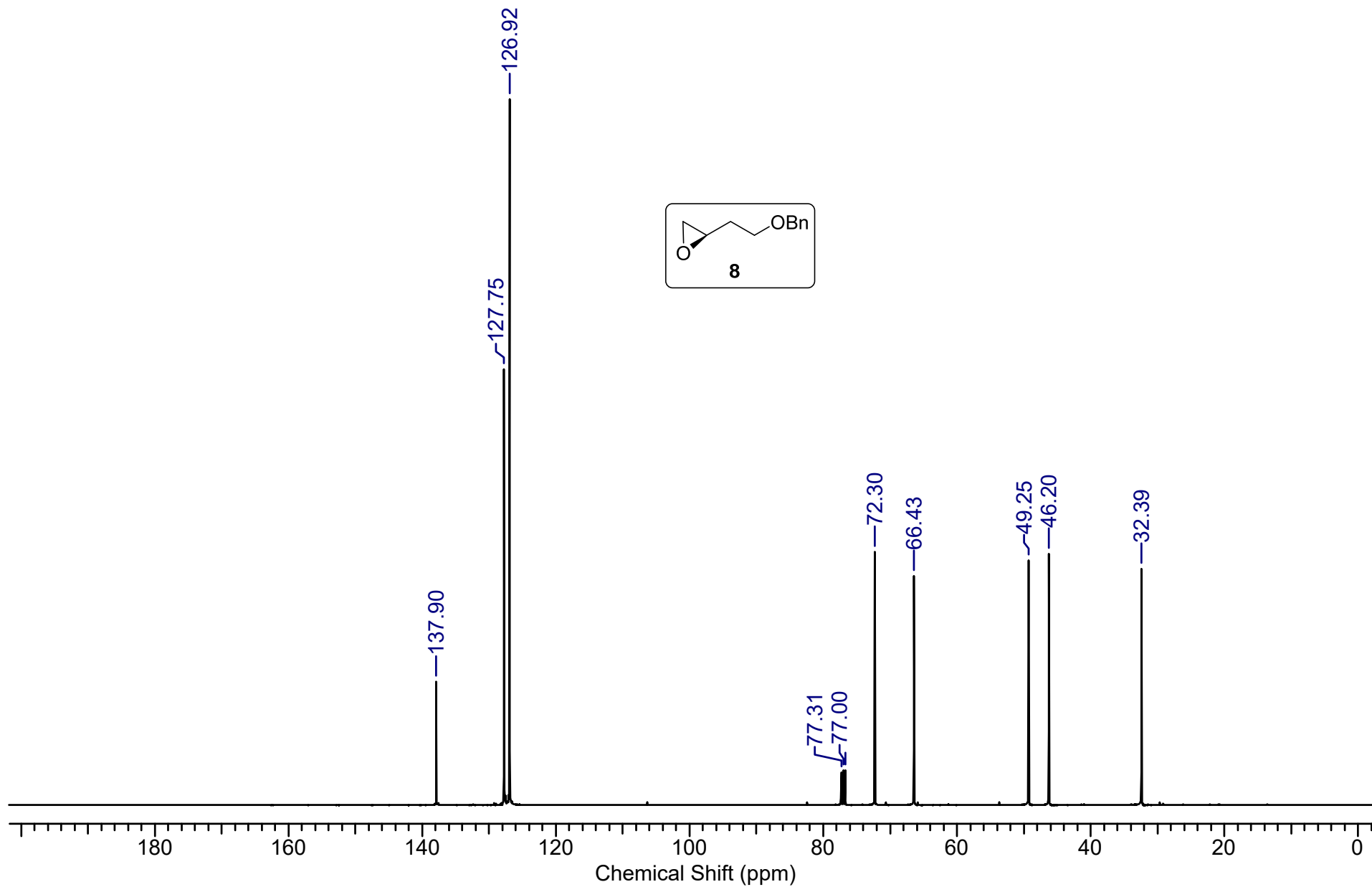
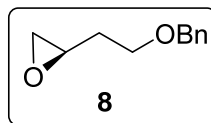




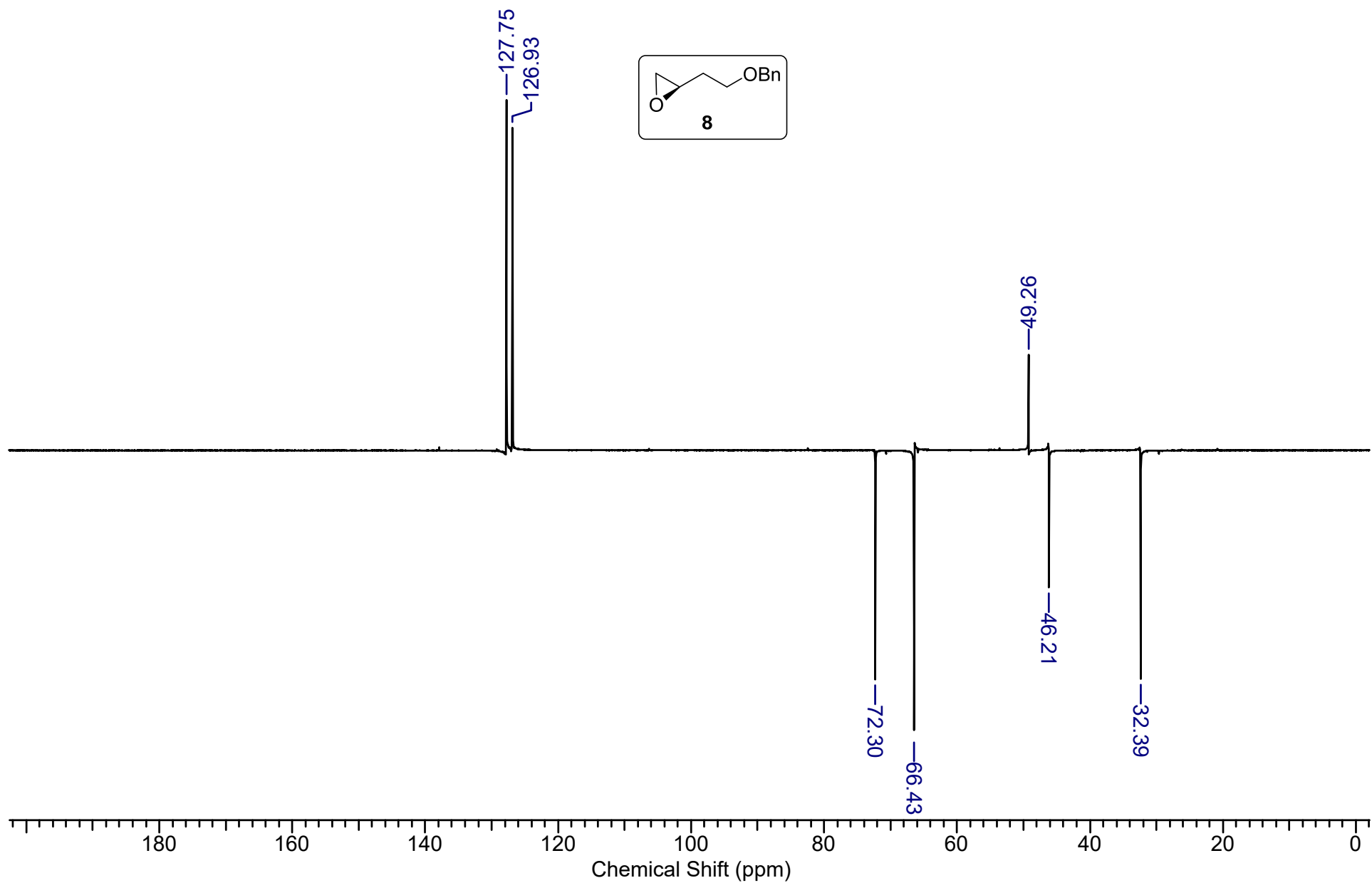
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T: FTMS + p ESI Full ms [100.0000-1500.0000]



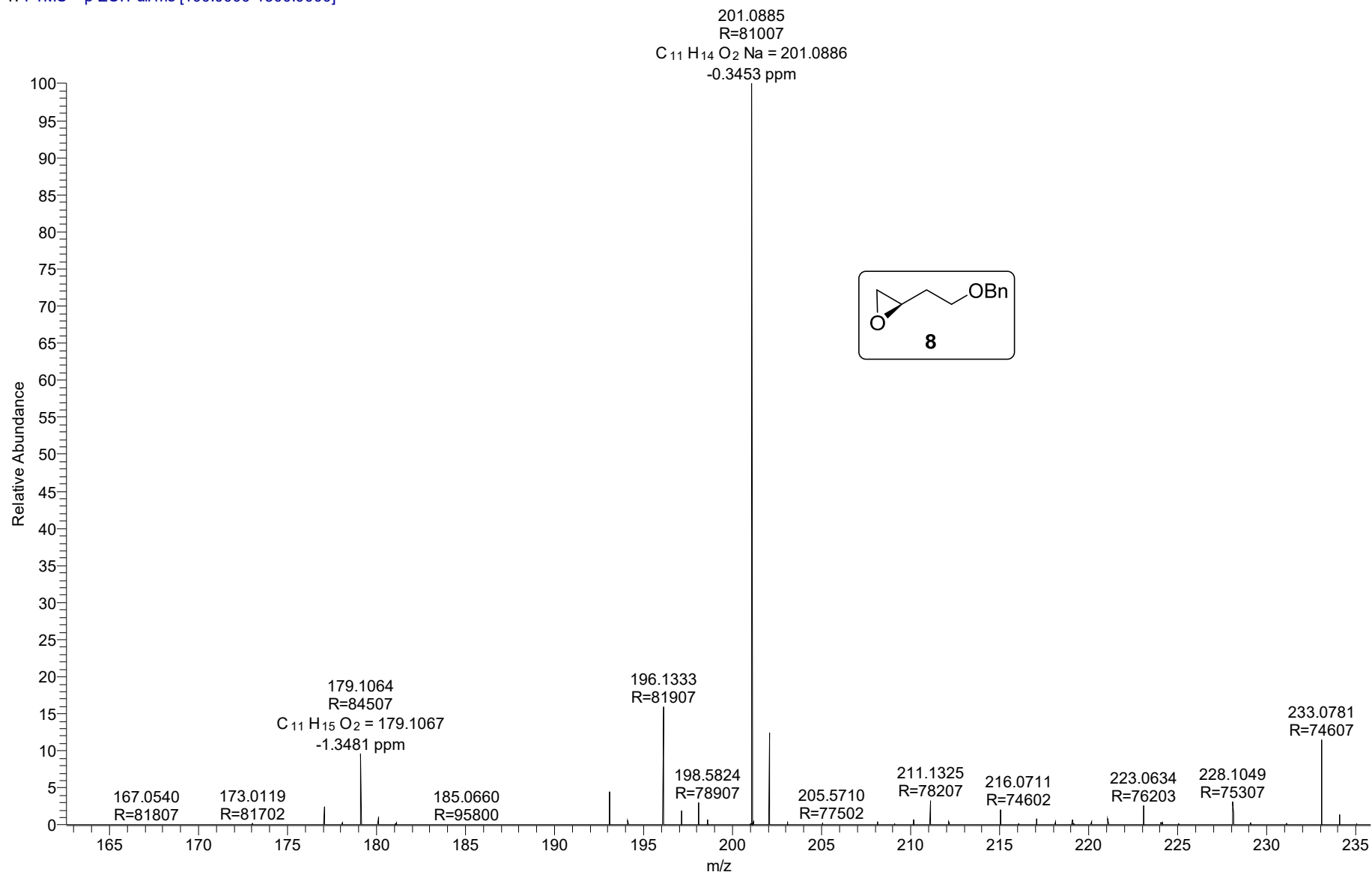


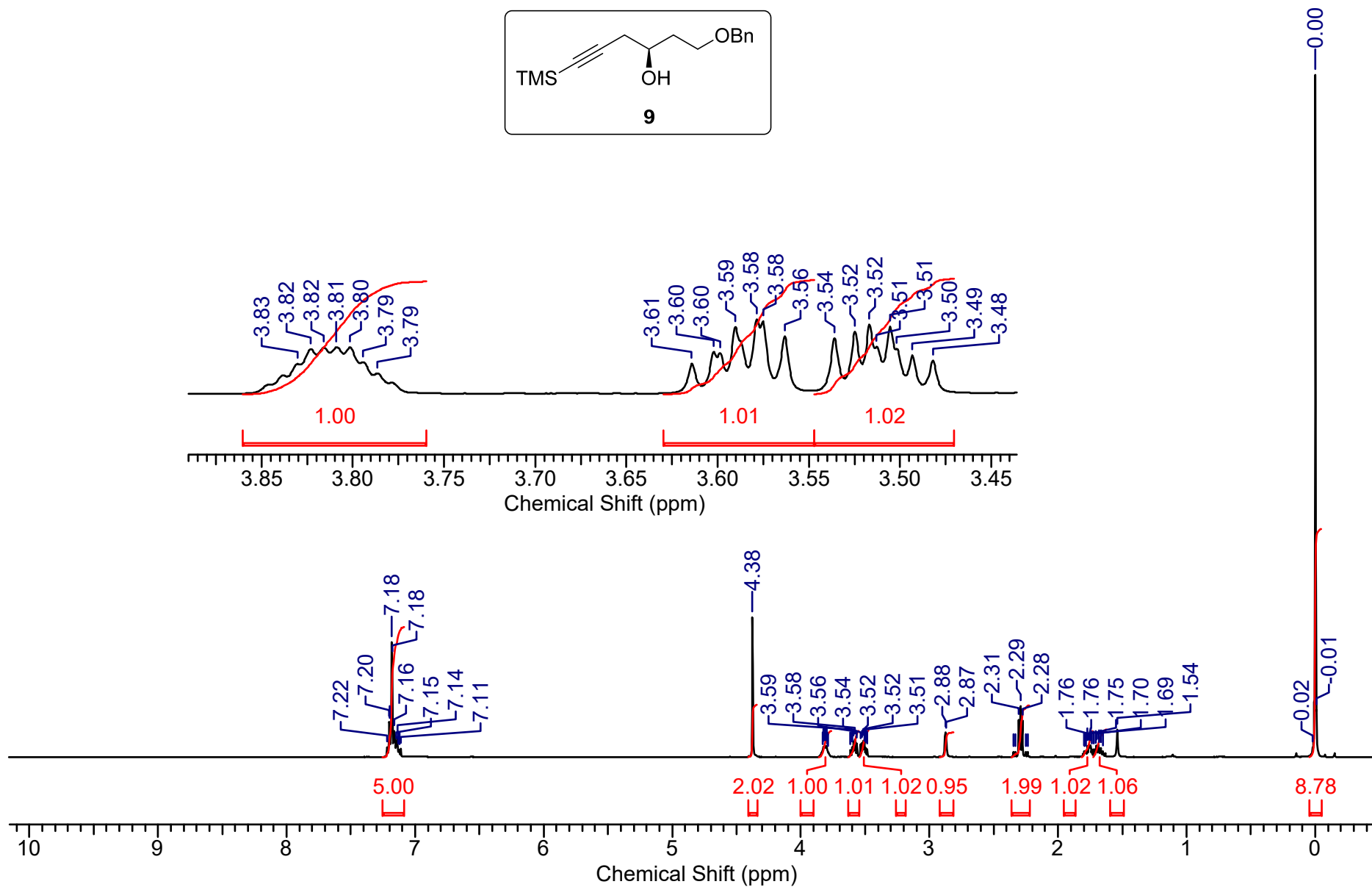
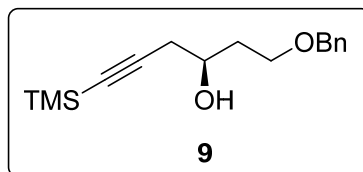


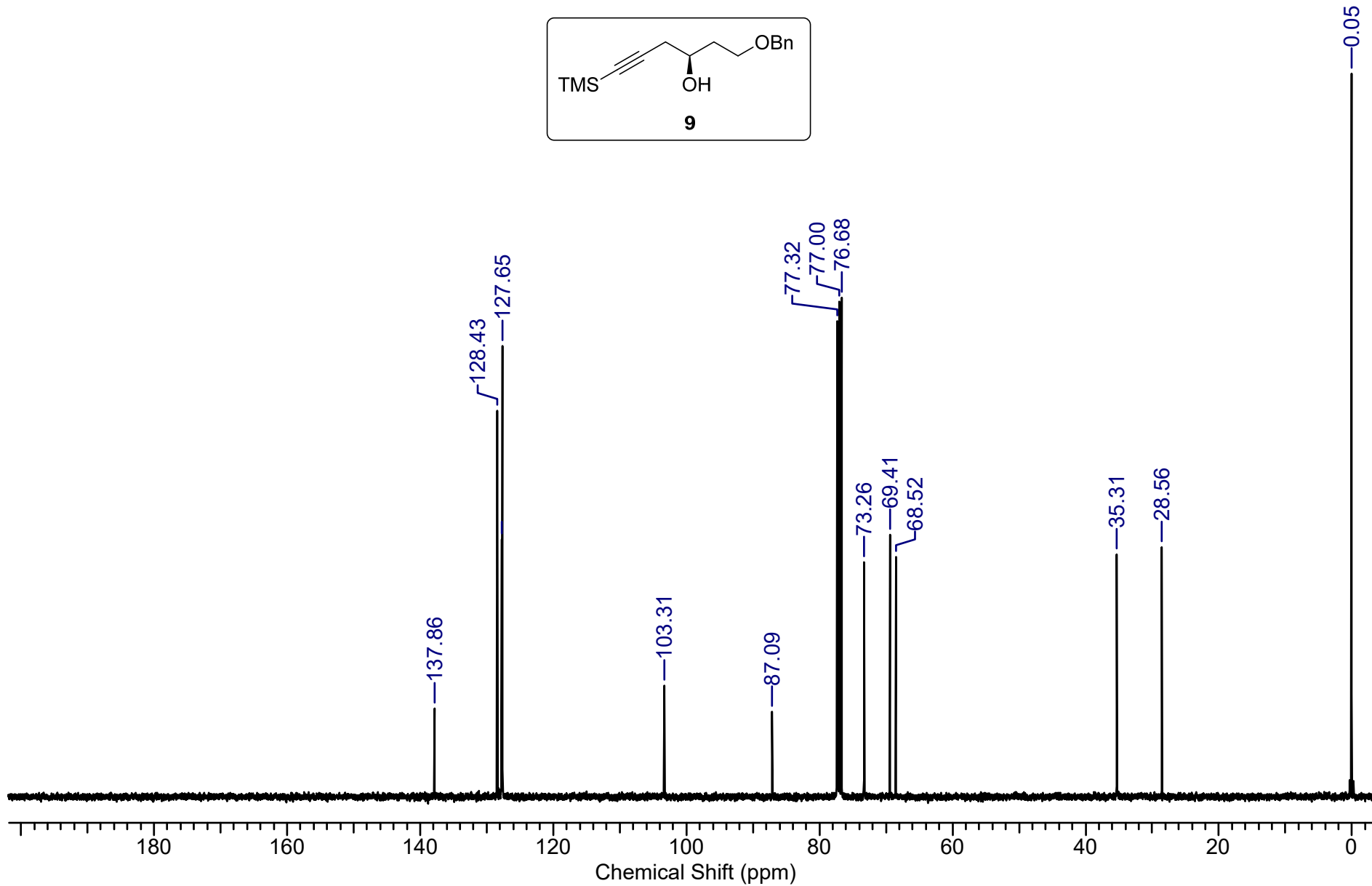
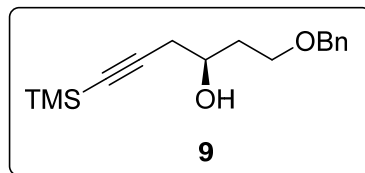


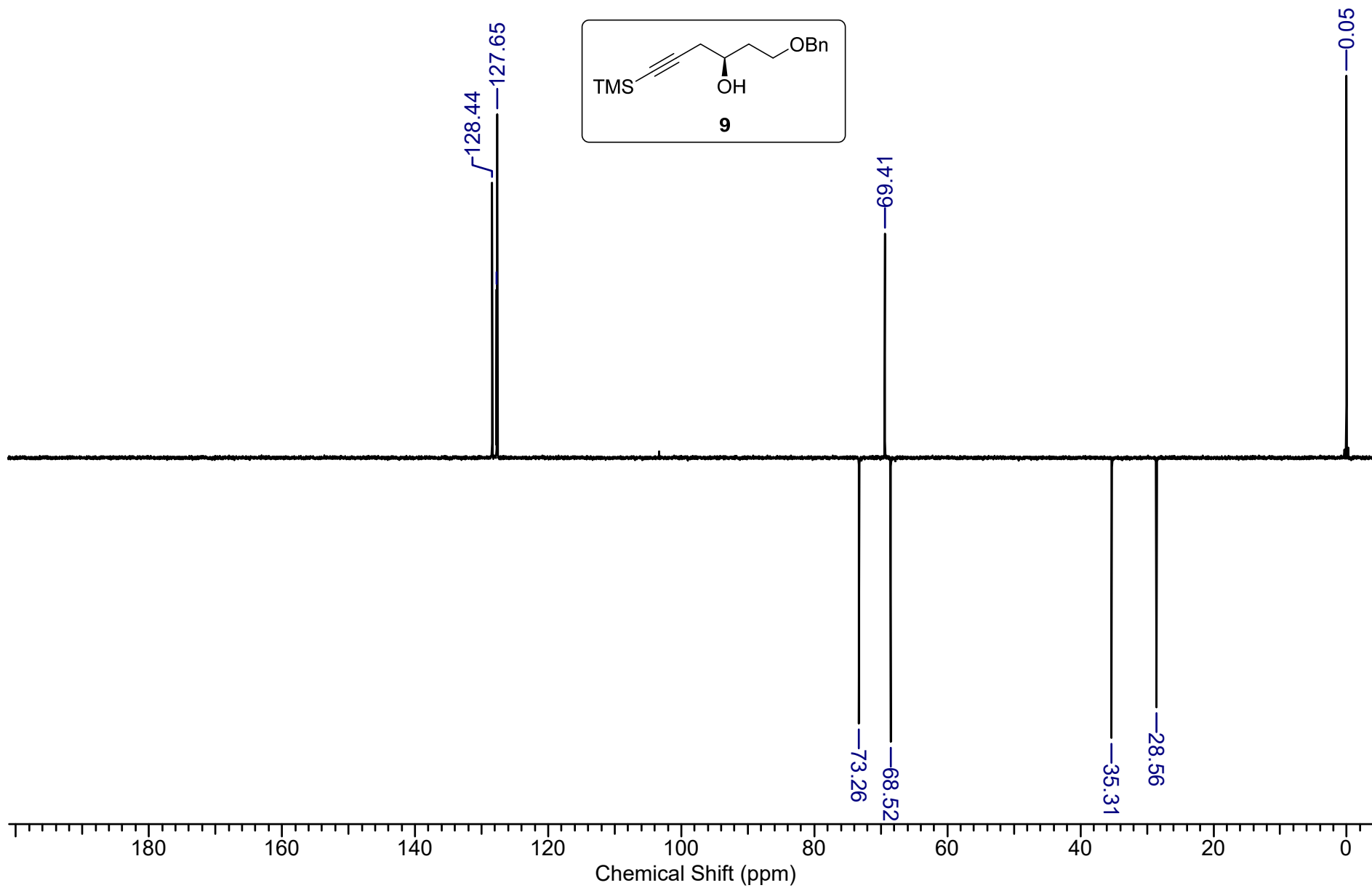


MSH-303 #318 RT: 1.74 AV: 1 NL: 8.11E8  
T: FTMS + p ESI Full ms [100.0000-1500.0000]

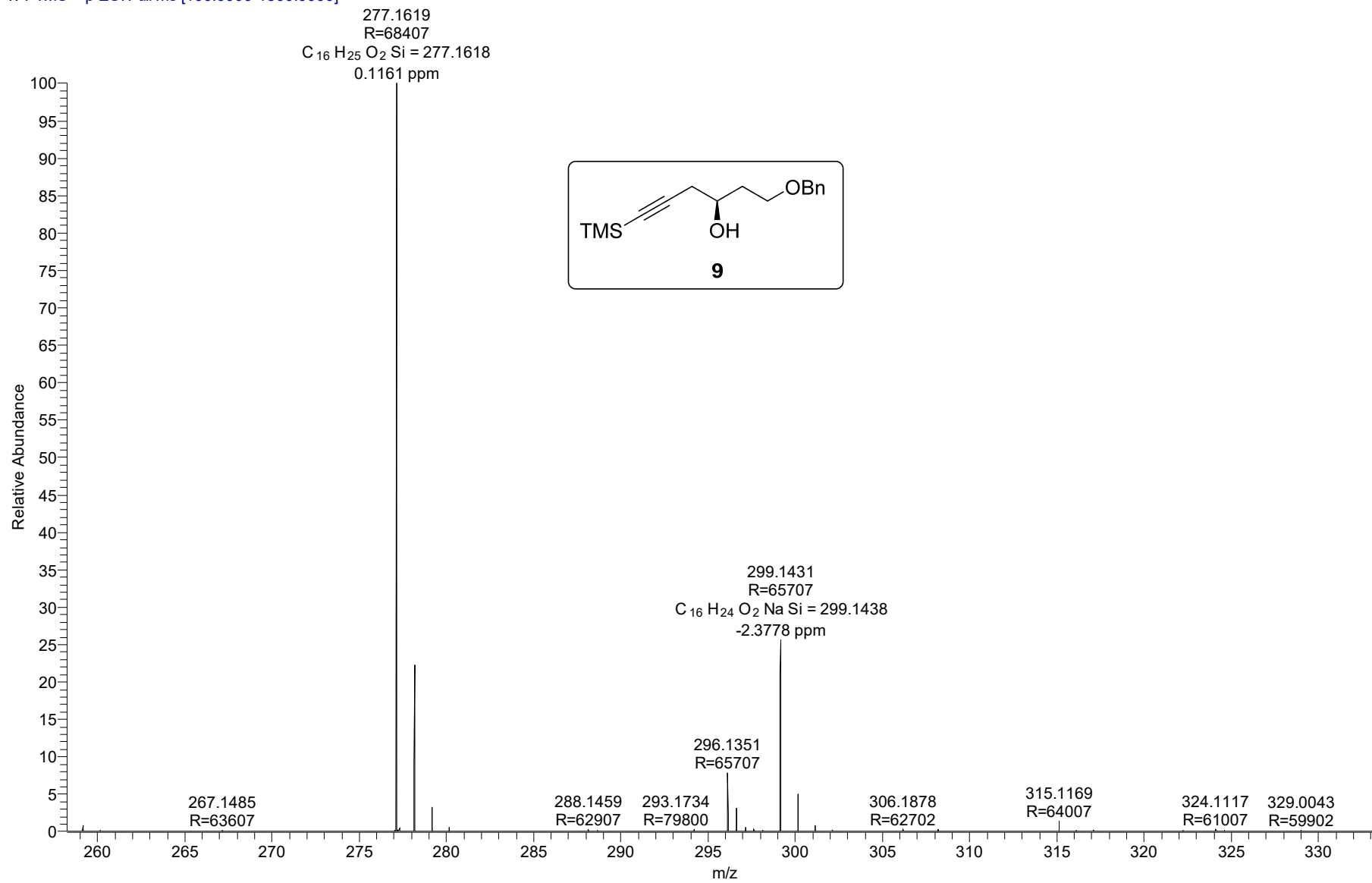


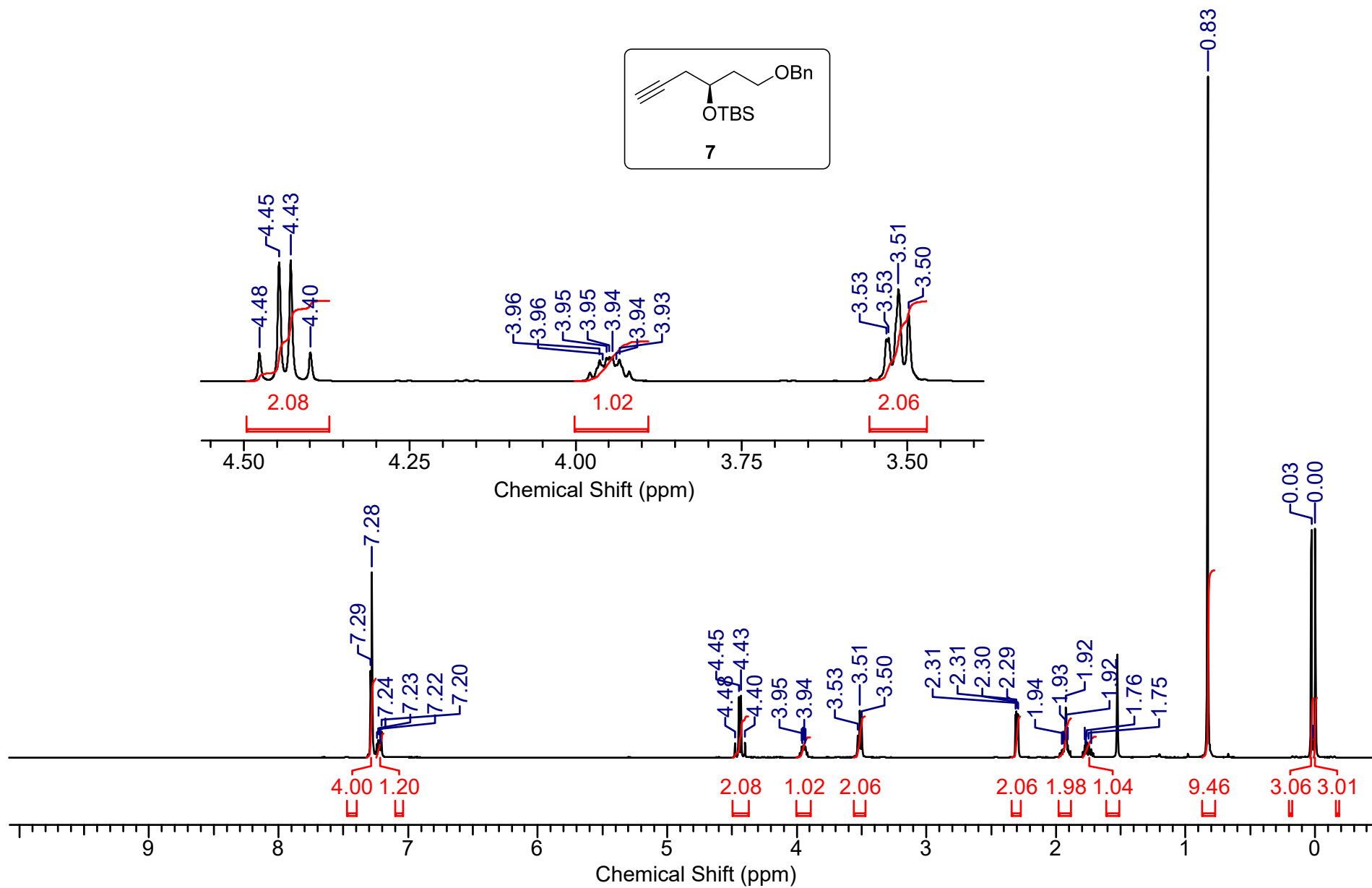
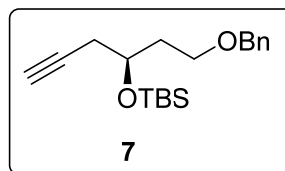


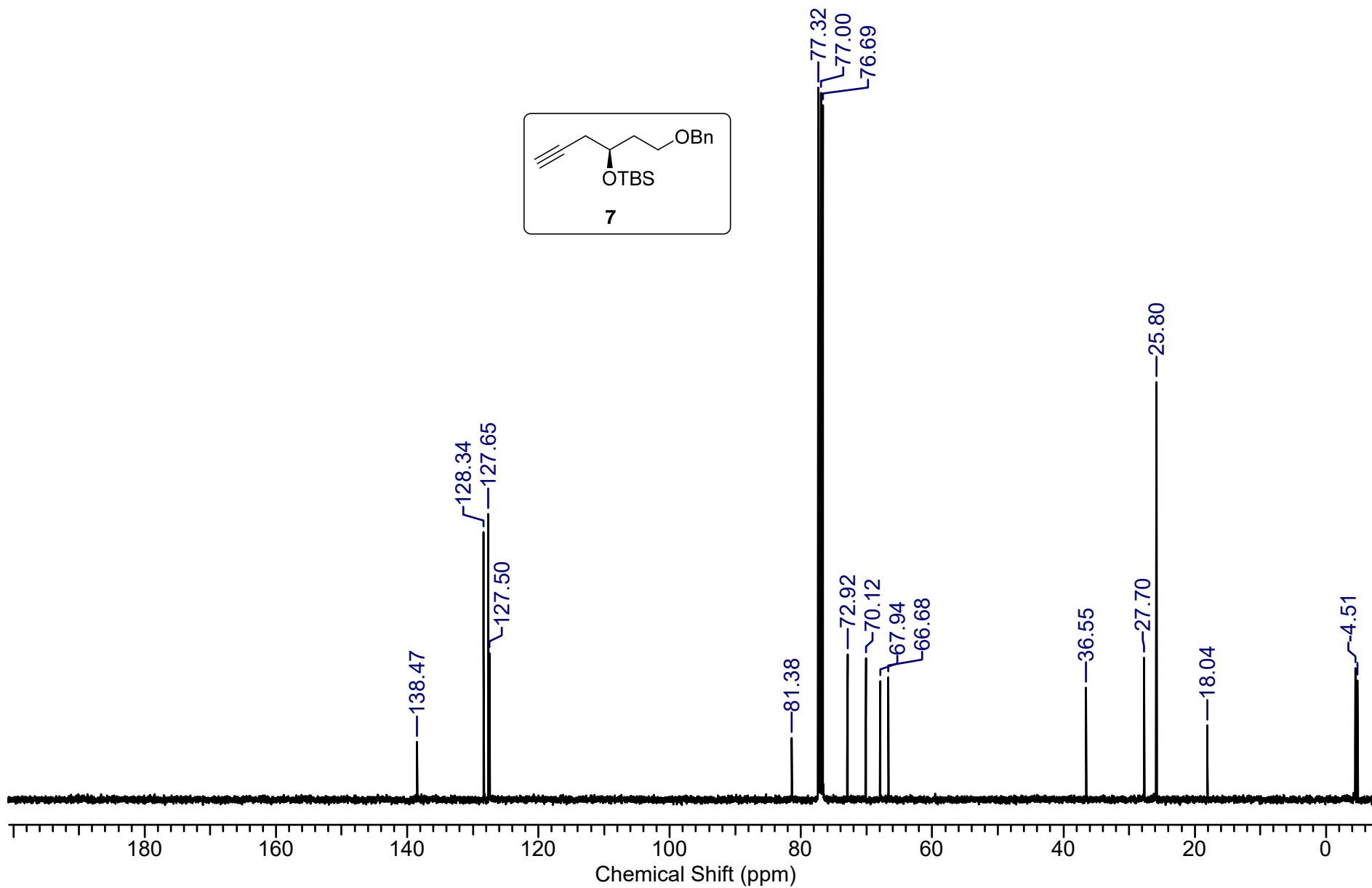
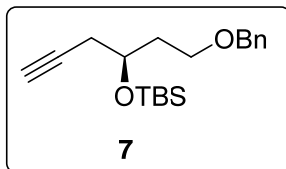




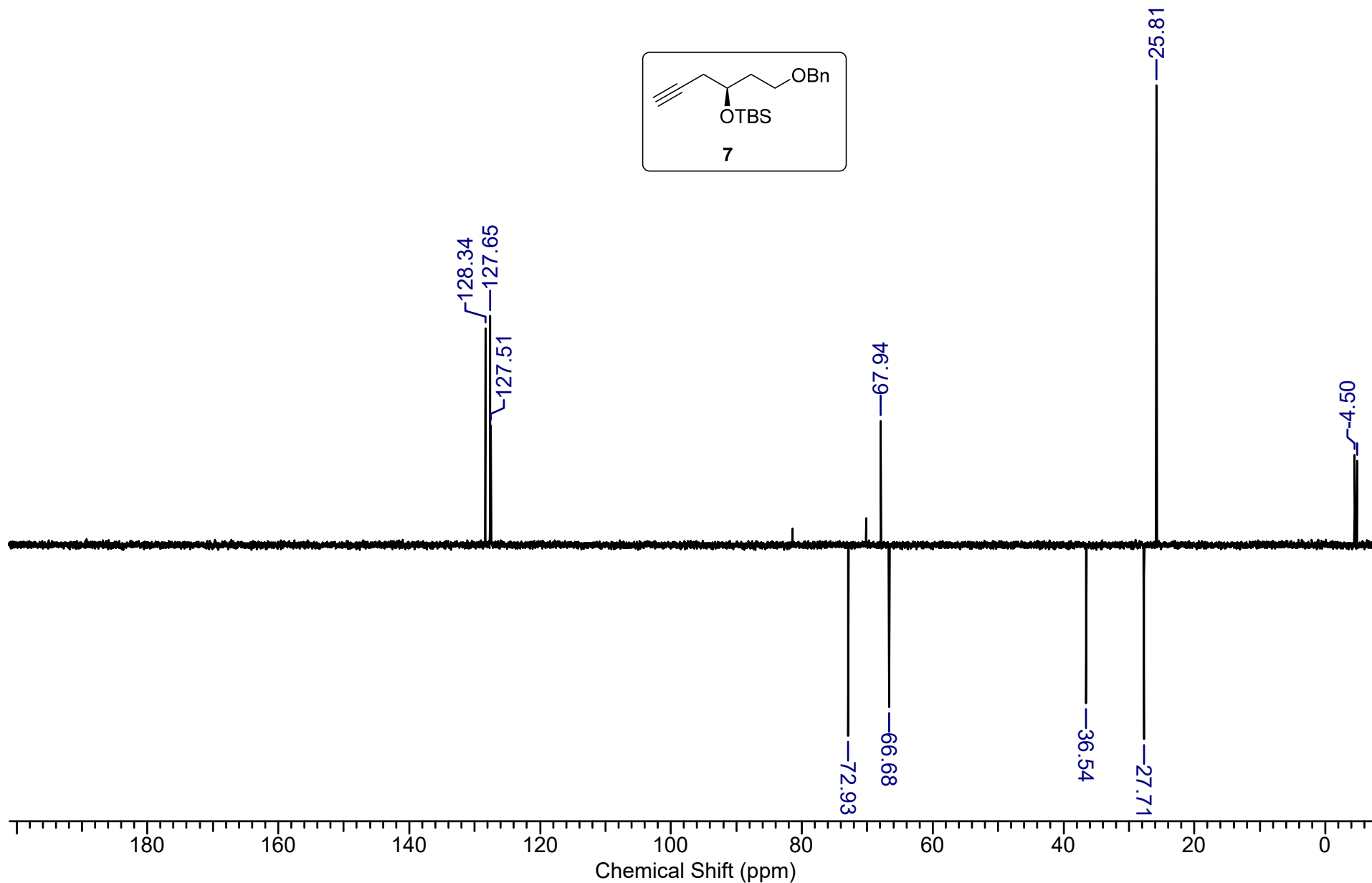
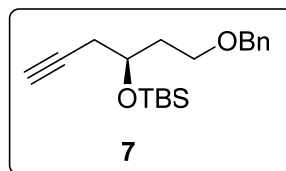
MS-2 #490 RT: 2.88 AV: 1 NL: 6.15E8  
T: FTMS + p ESI Full ms [100.0000-1500.0000]





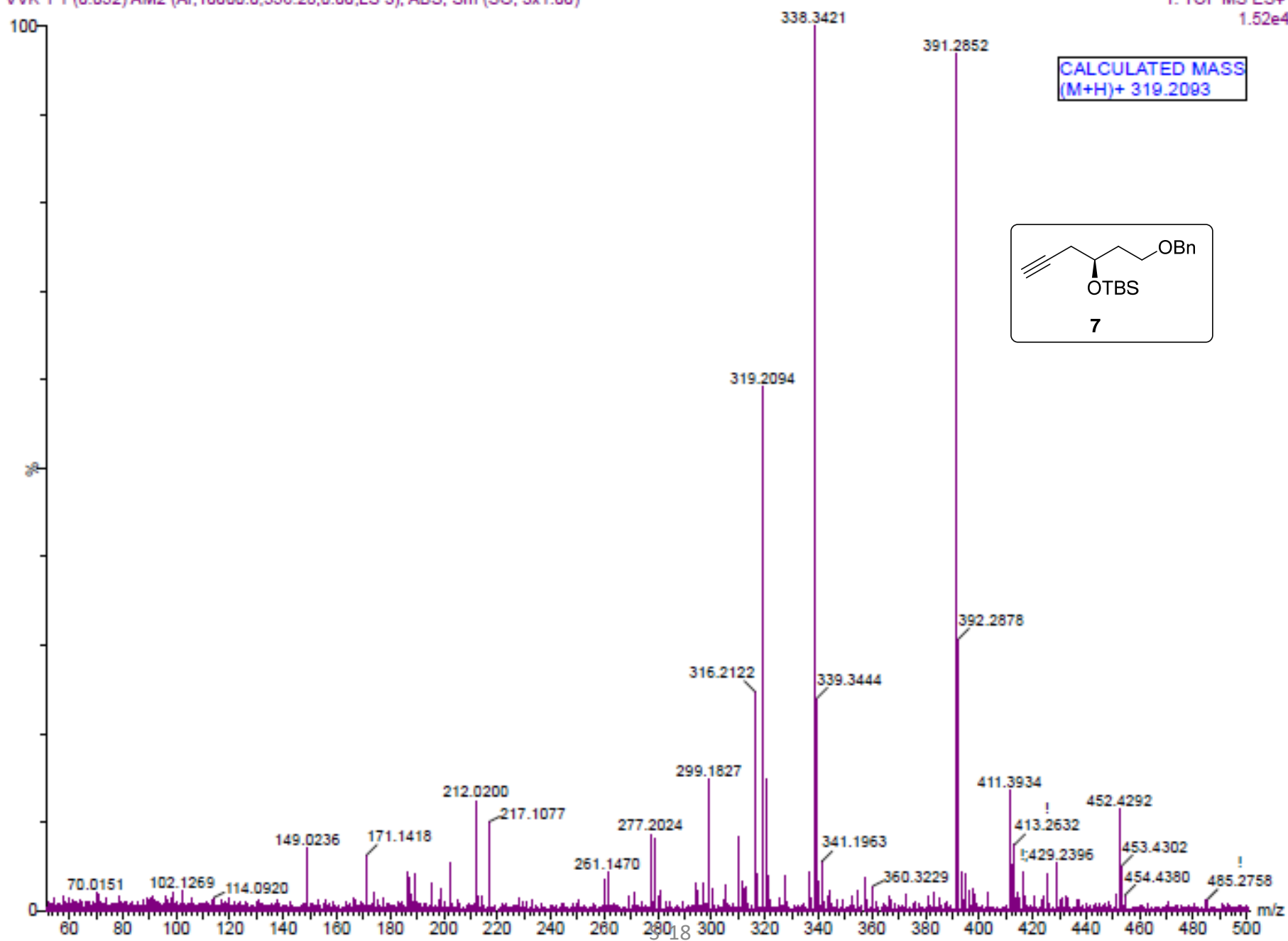


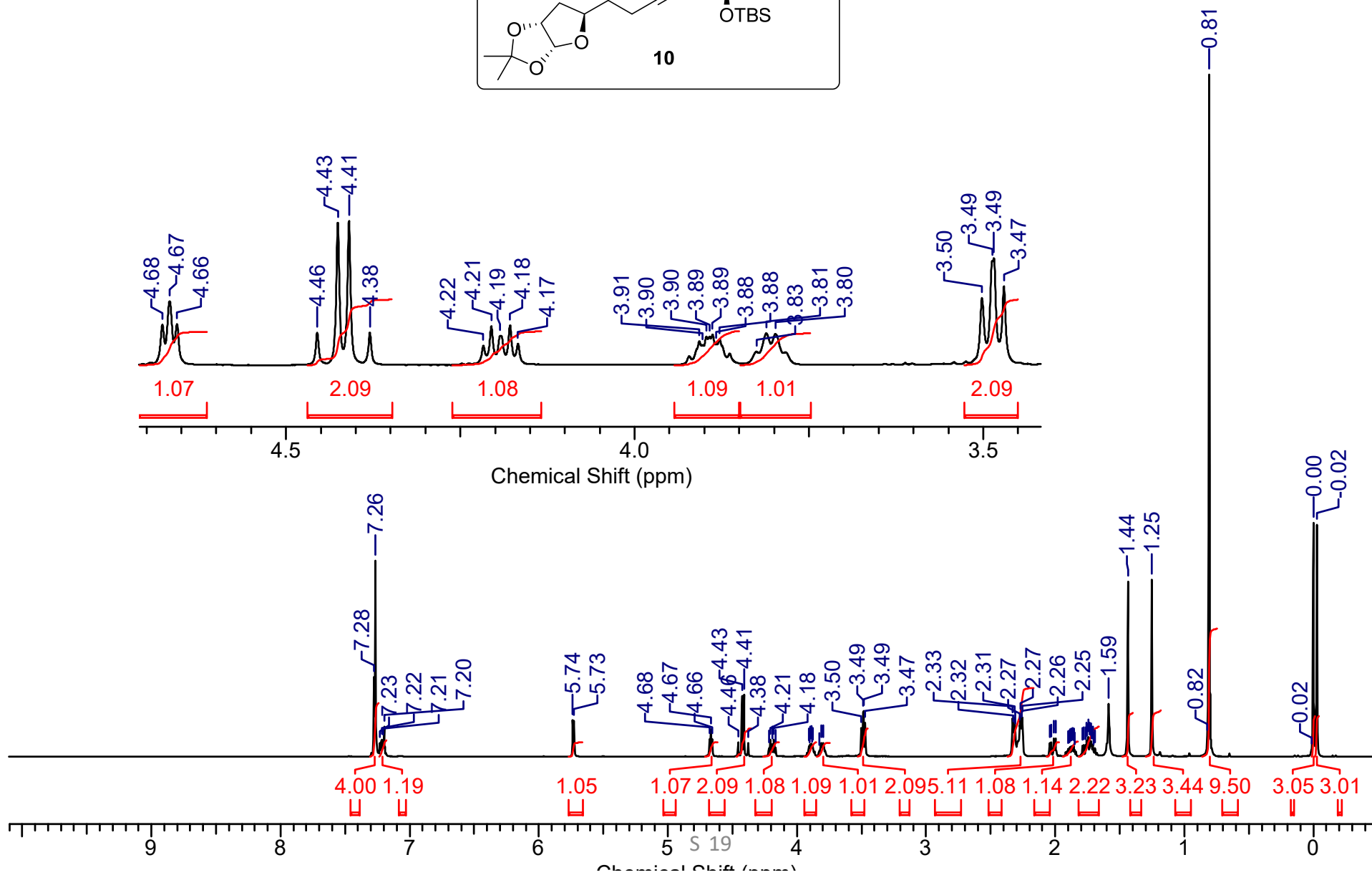
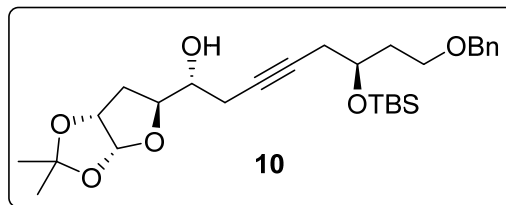


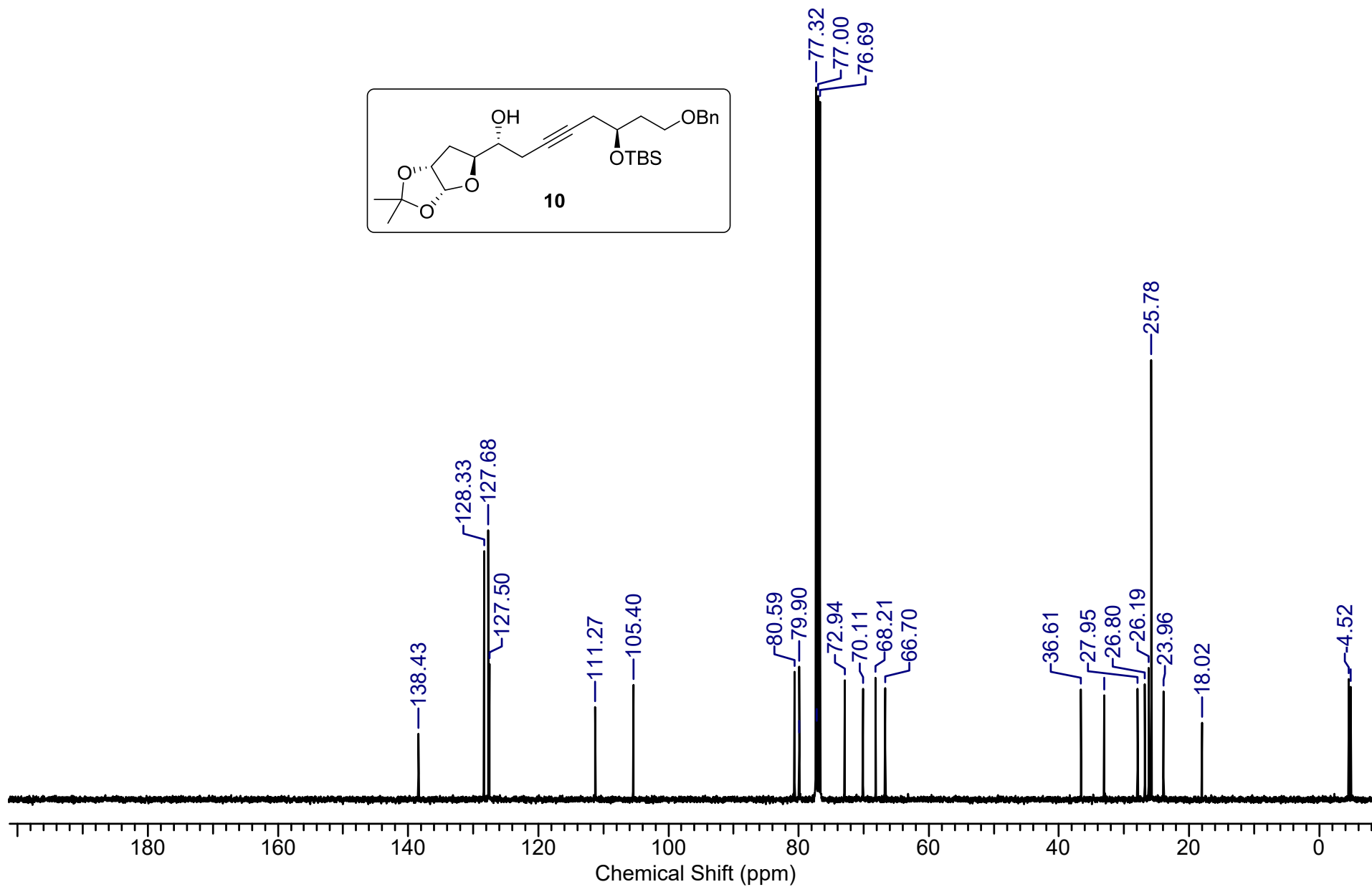
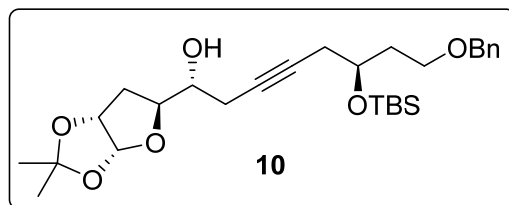


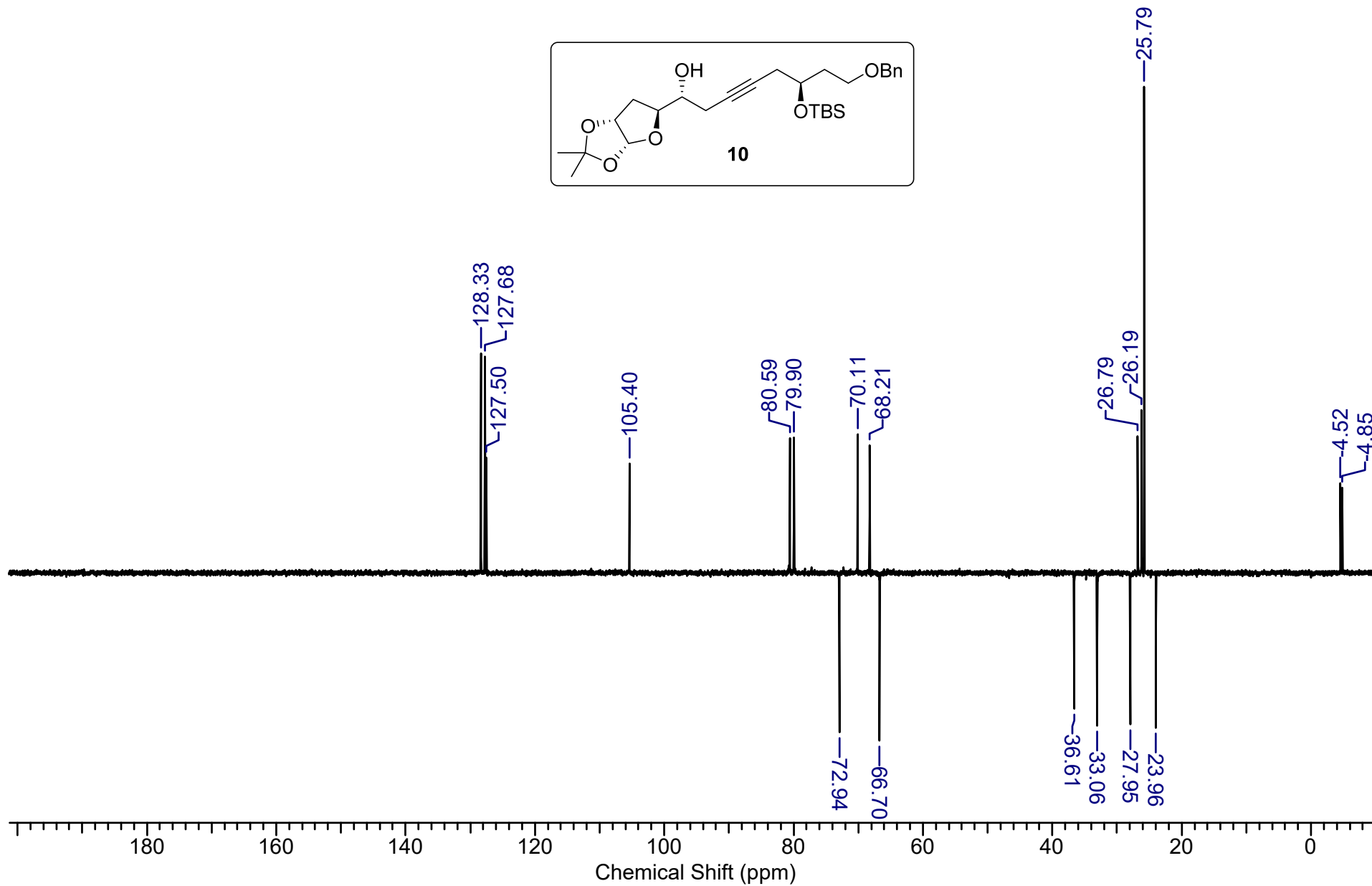
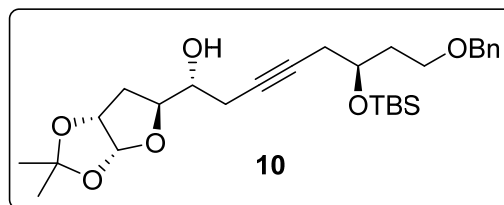
VVK 1 1 (0.052) AM2 (Ar,10000.0,556.28,0.00,LS 3); ABS; Sm (SG, 3x1.00)

1: TOF MS ES+  
1.52e4

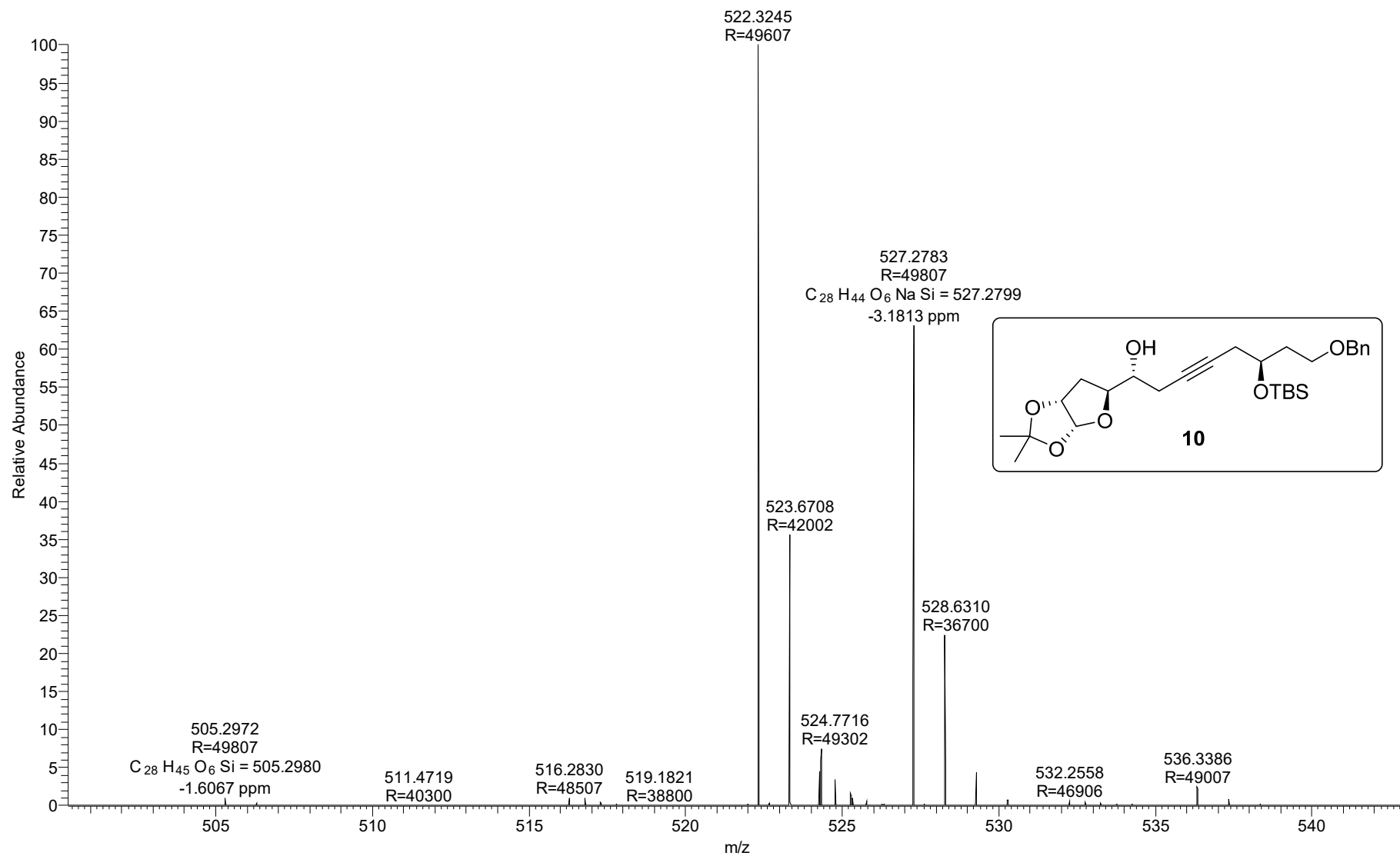


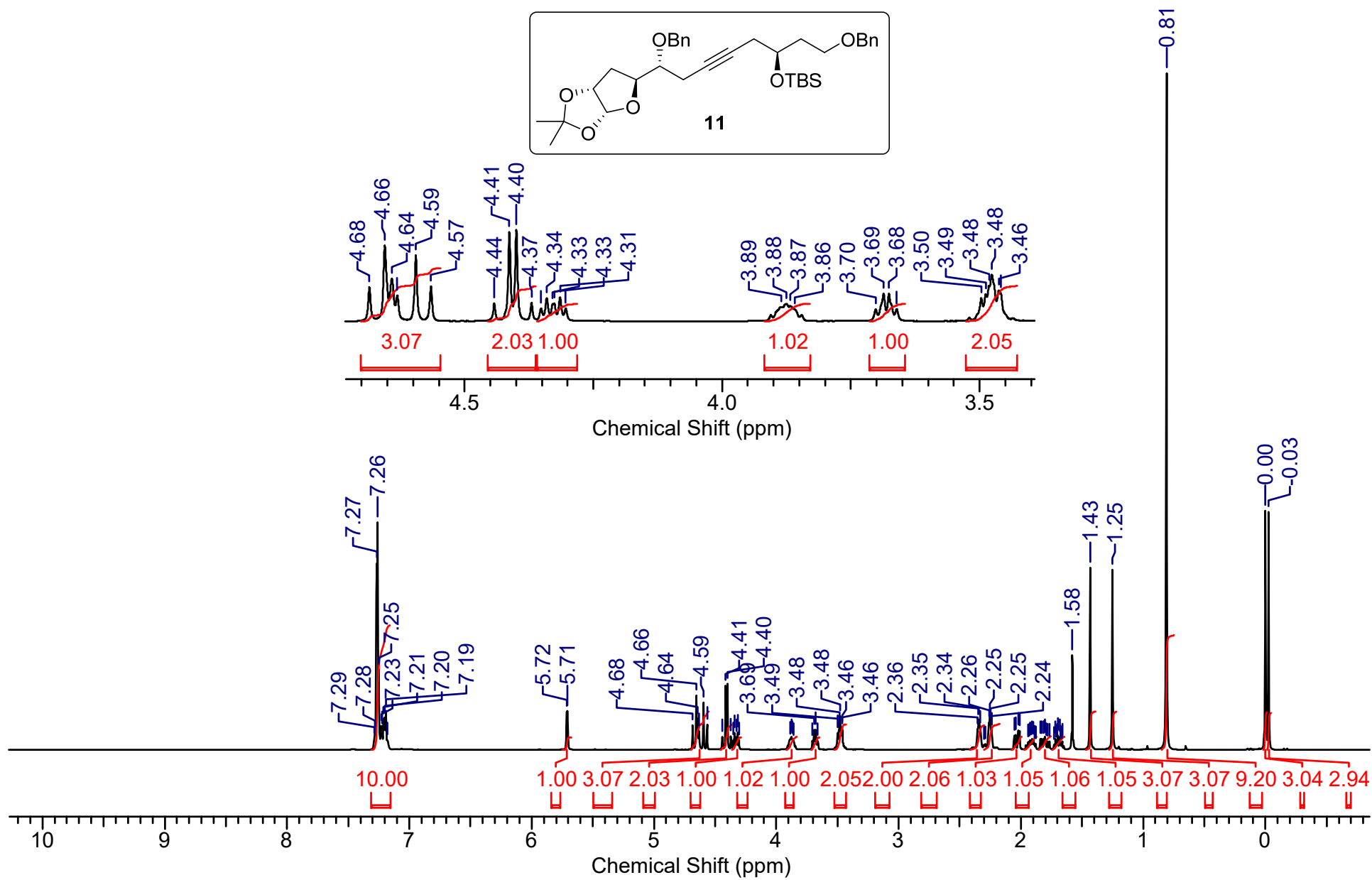
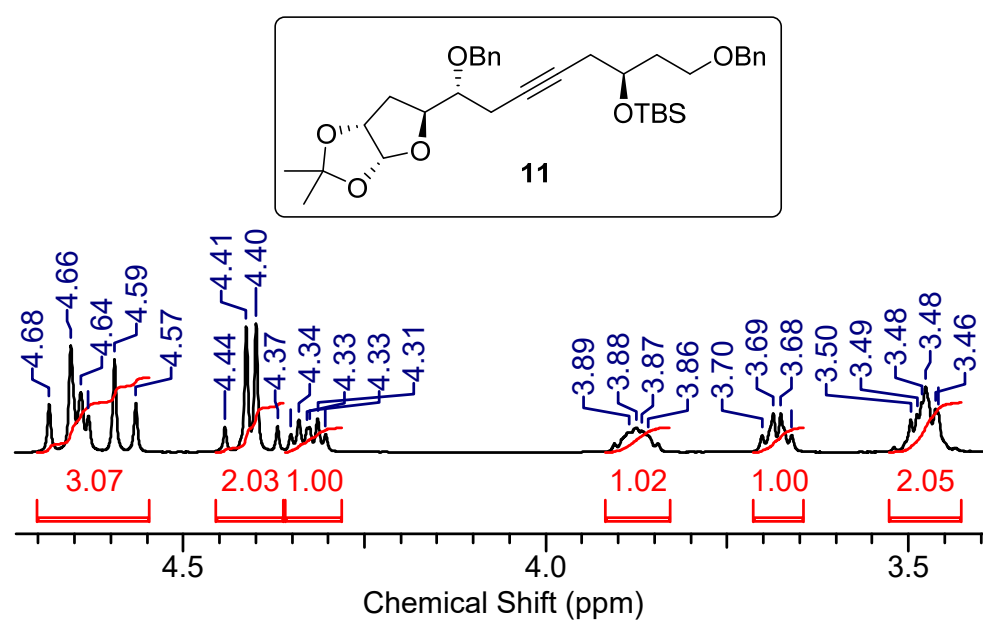
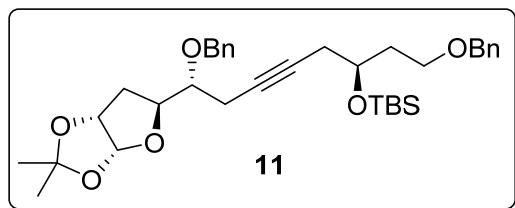


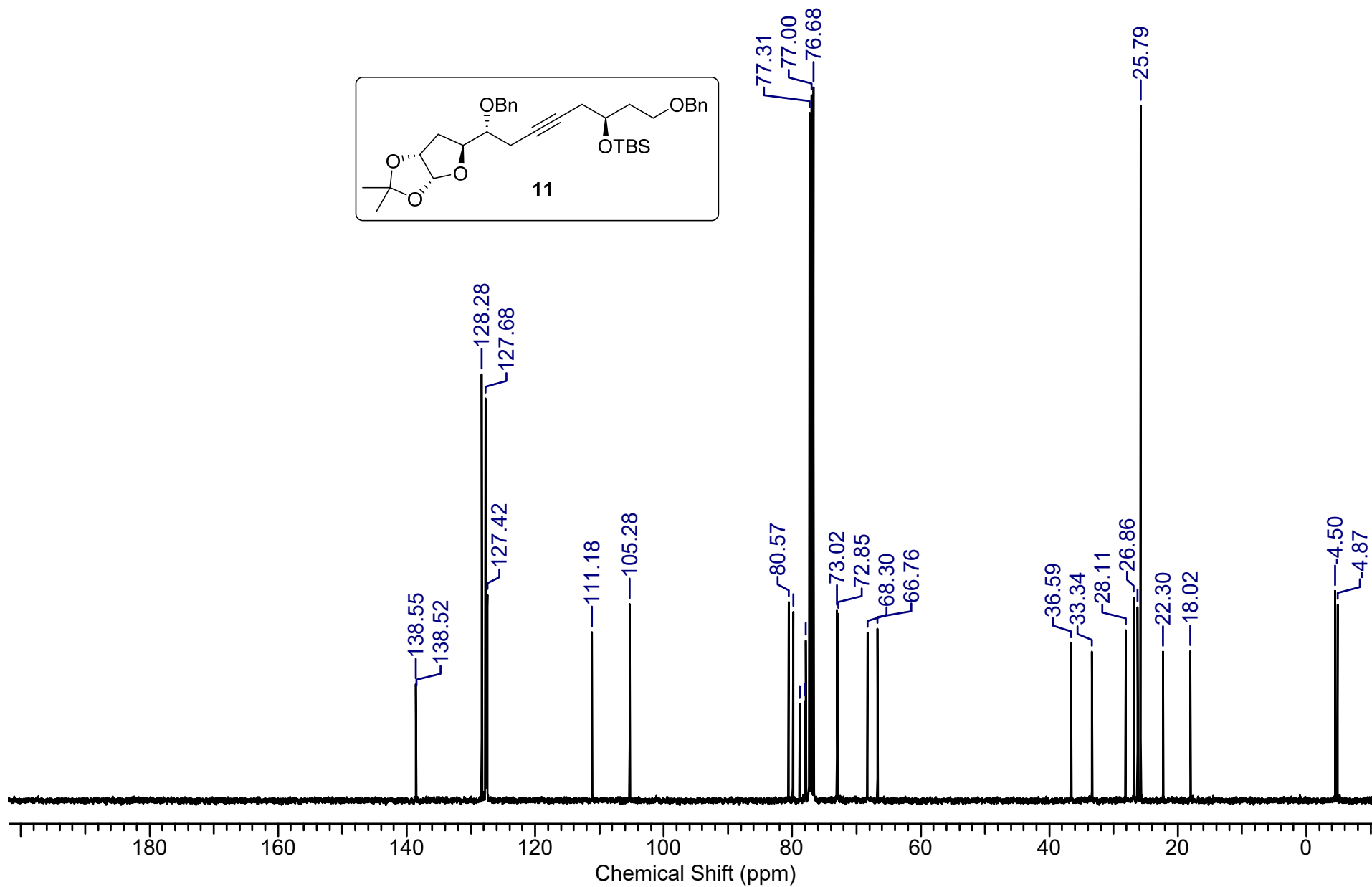
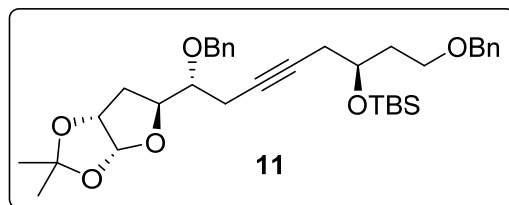




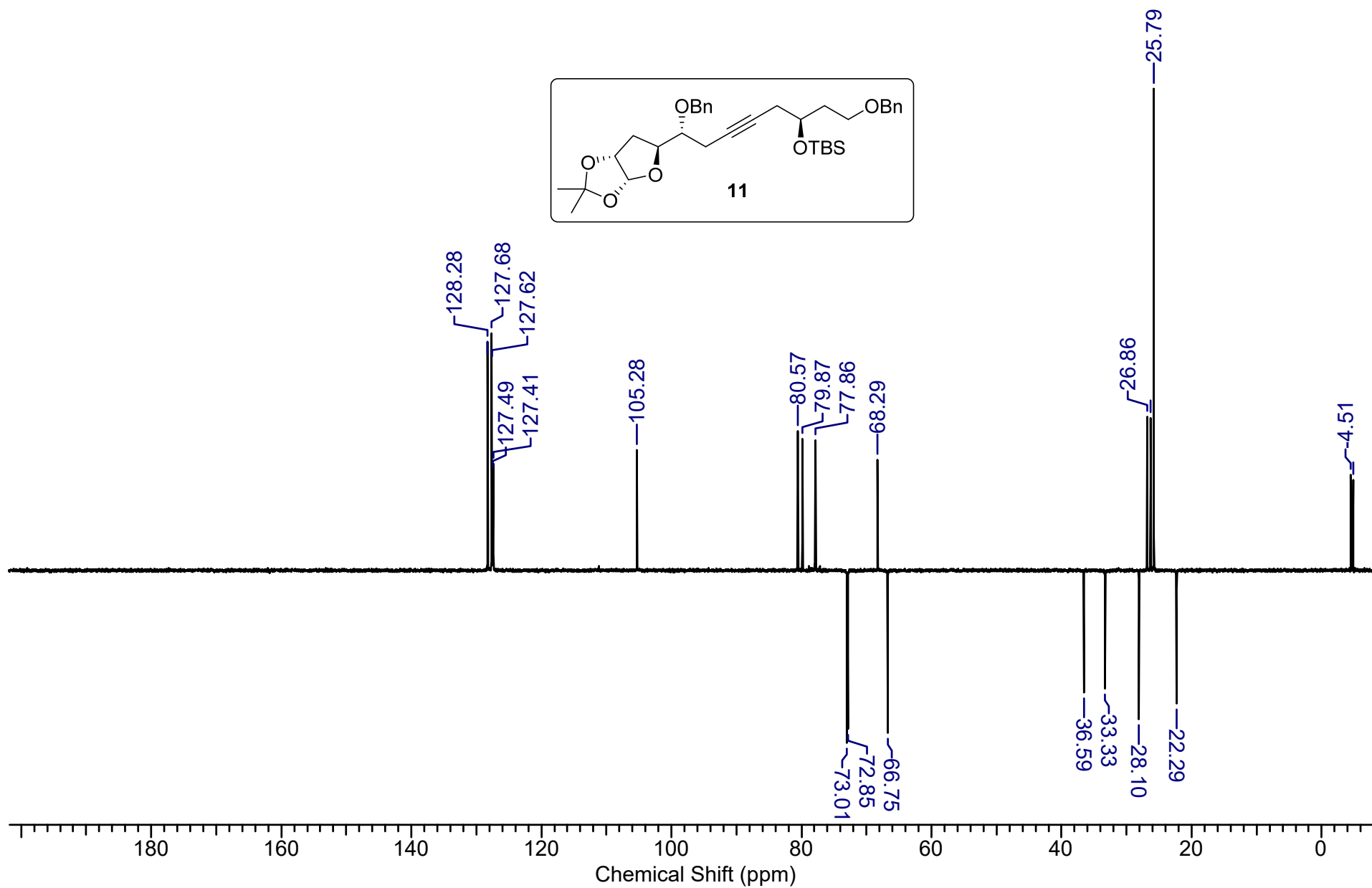
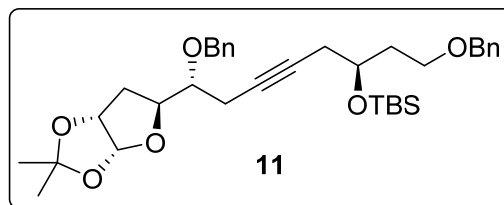
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T: FTMS + p ESI Full ms [100.0000-1500.0000]



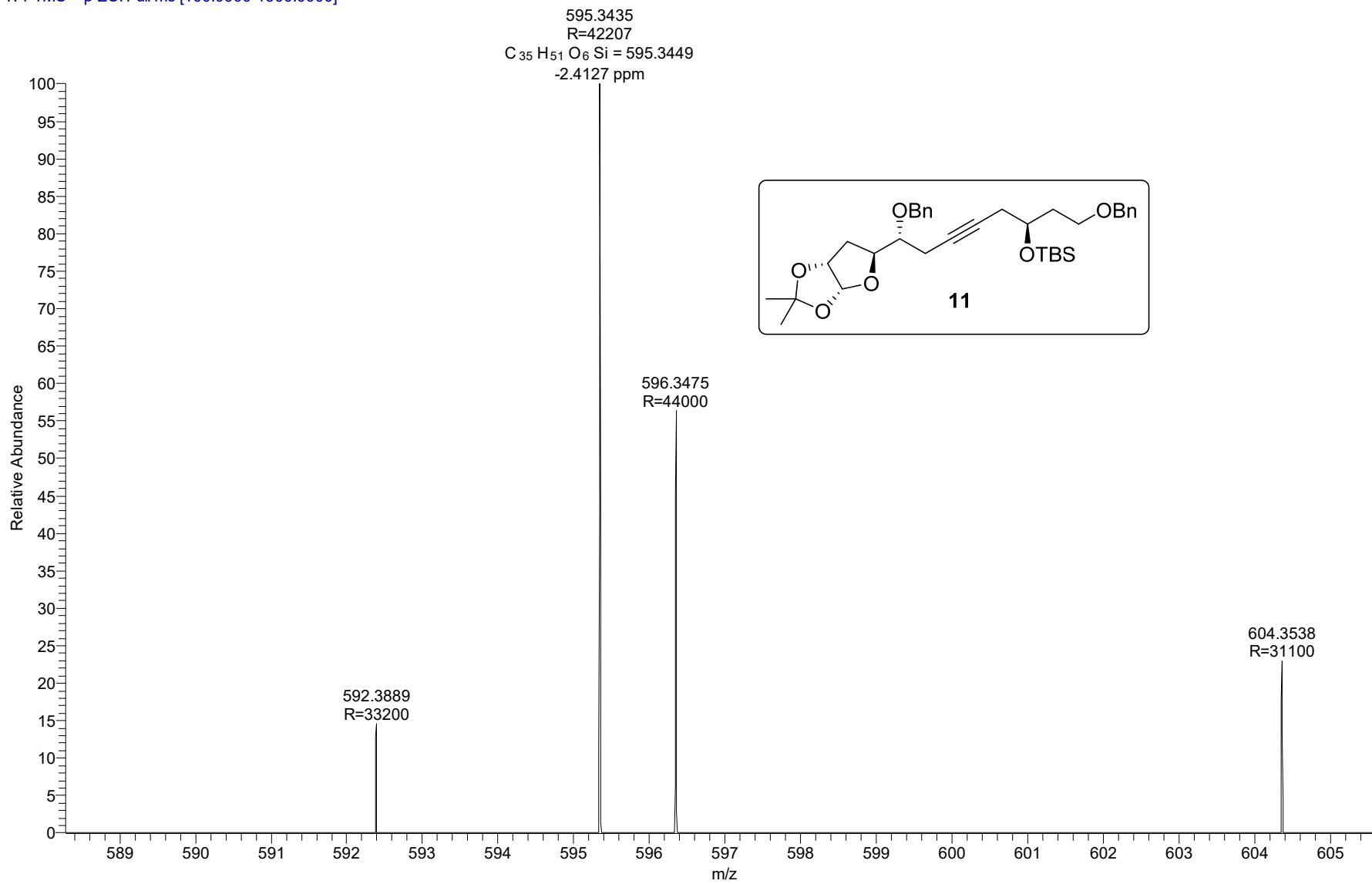


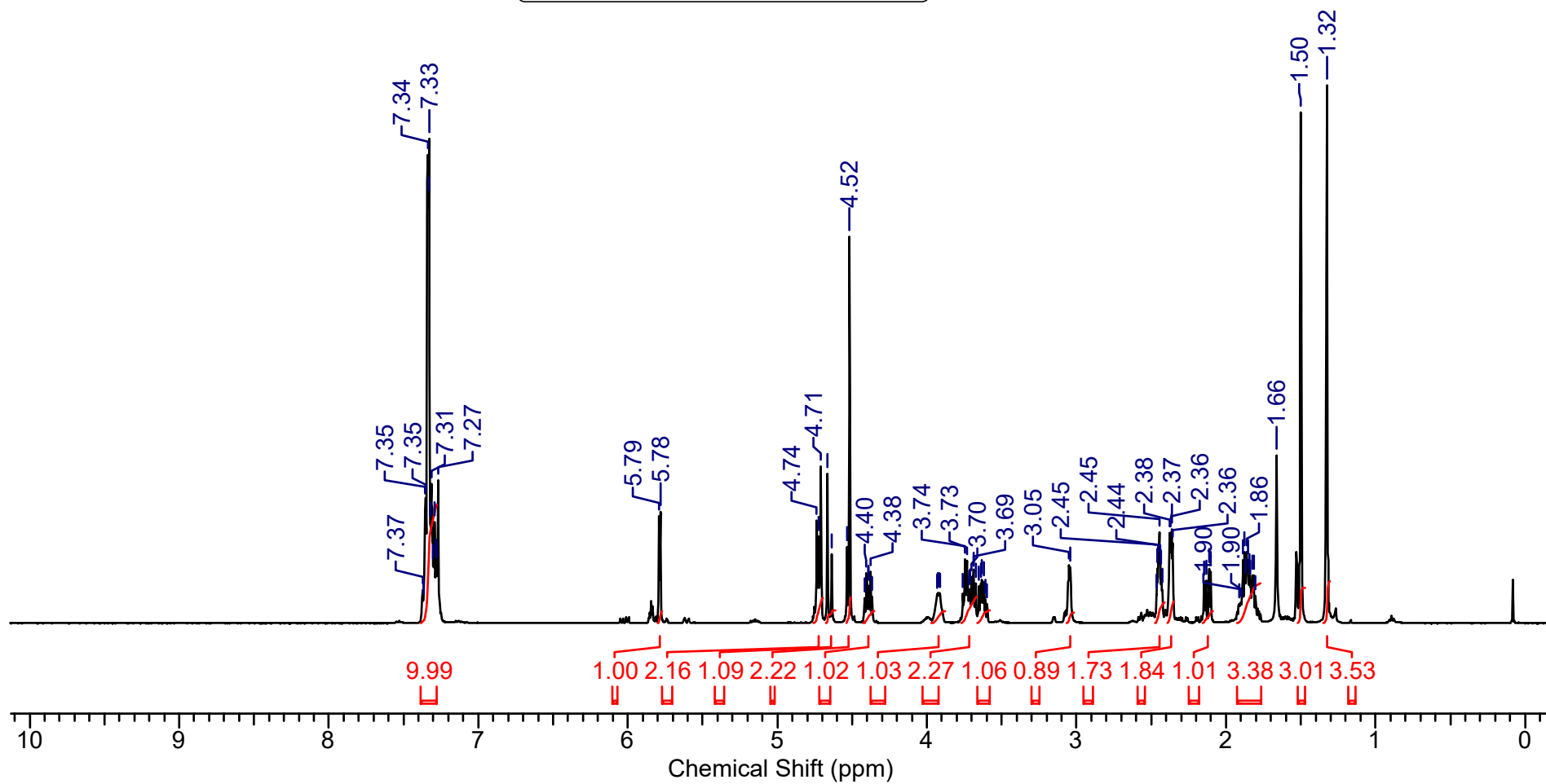
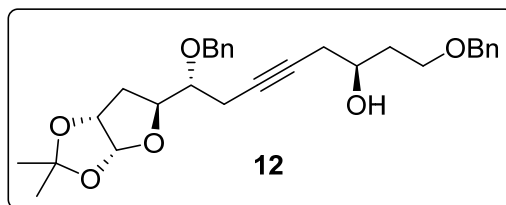


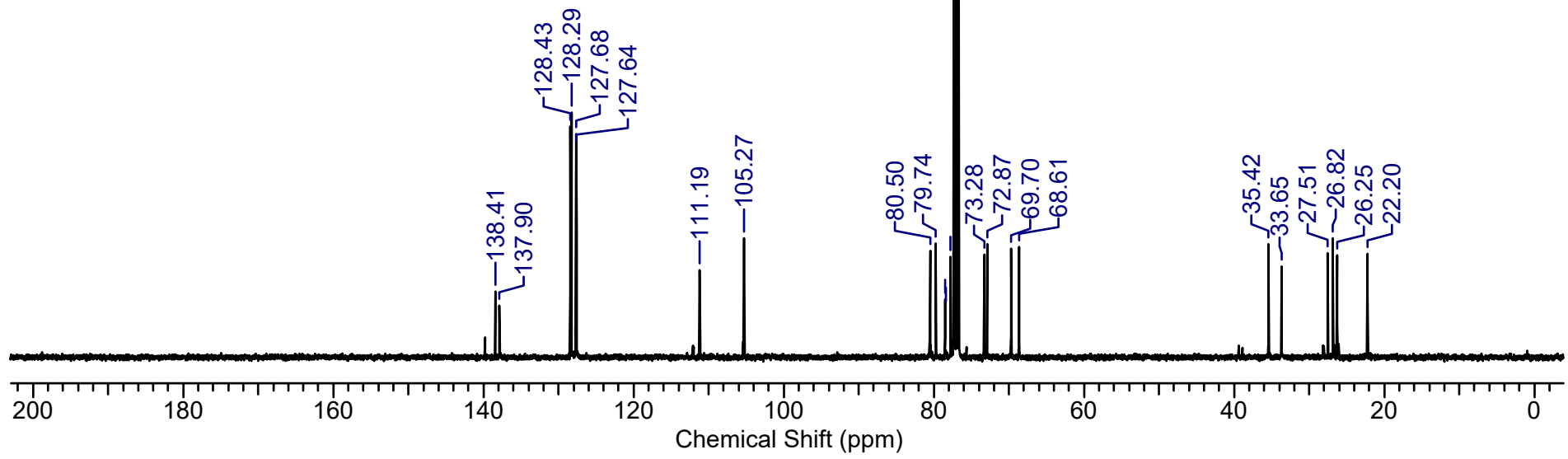
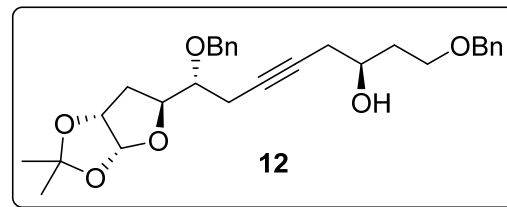
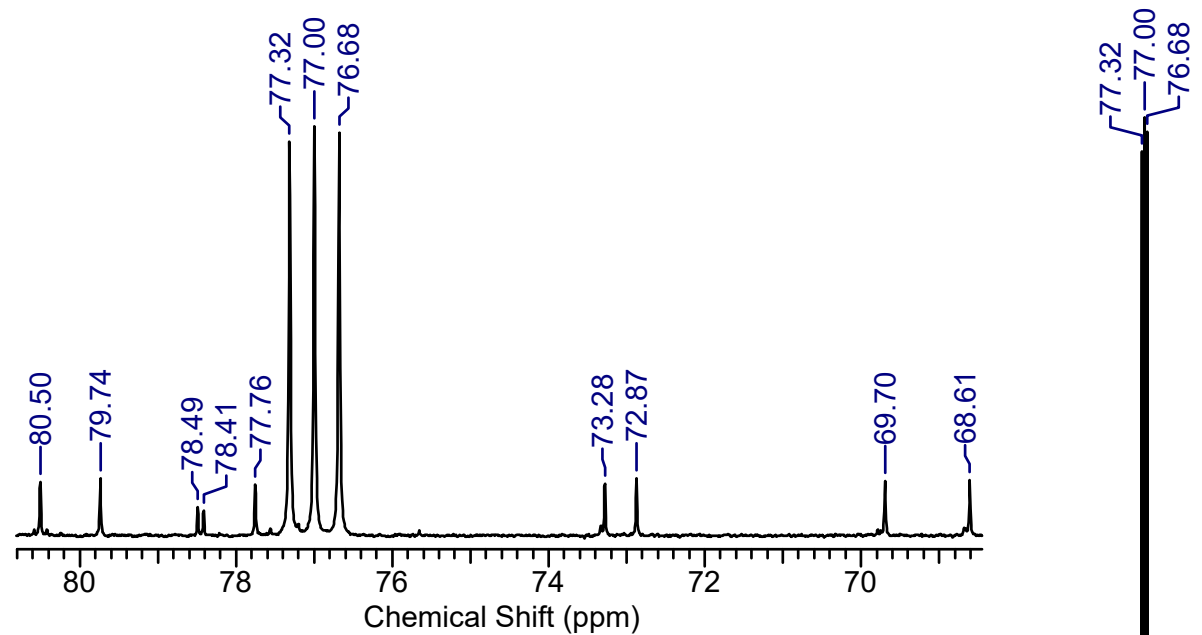


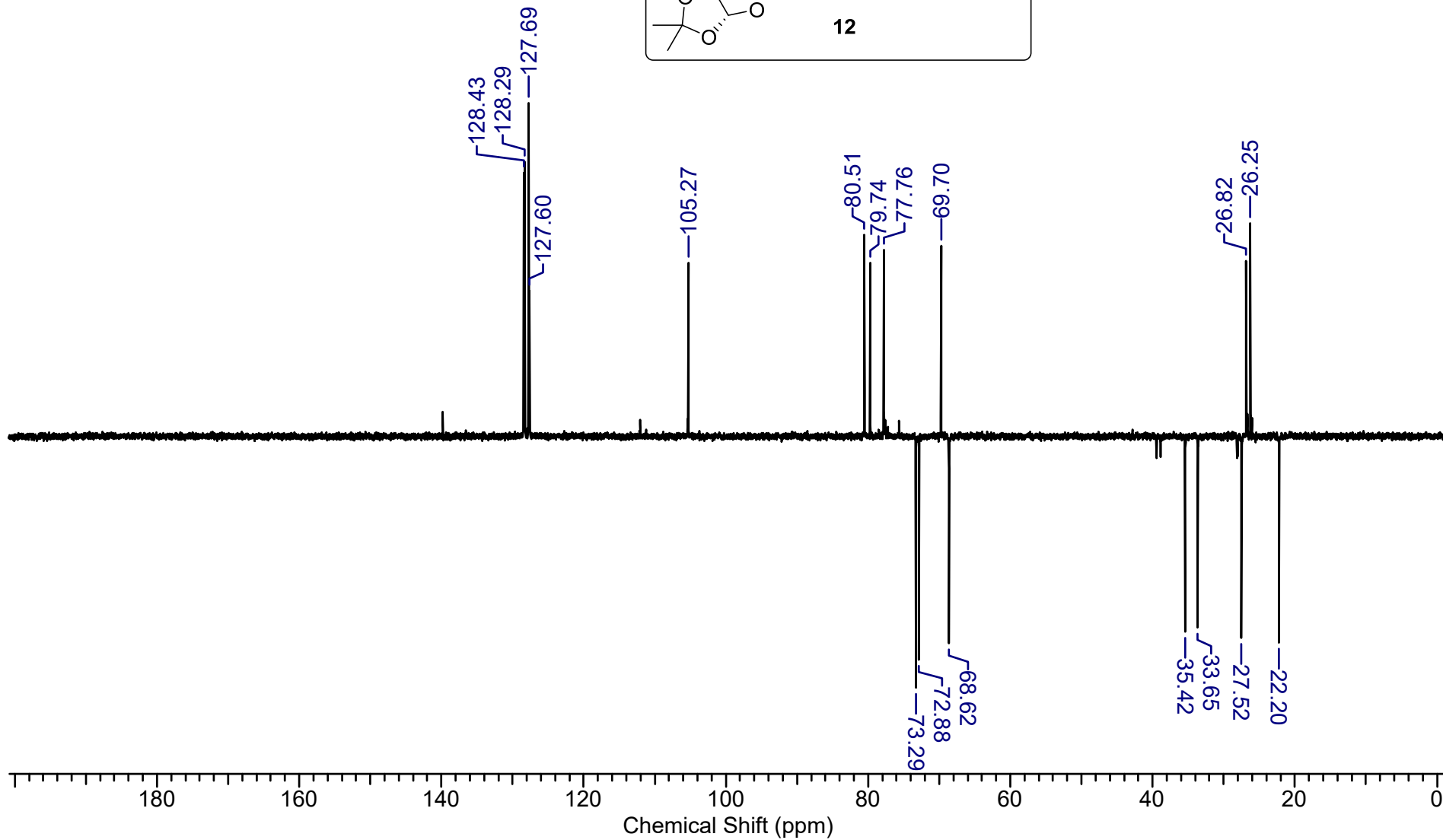
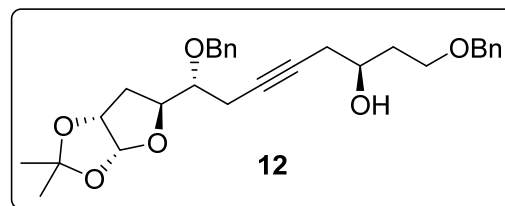


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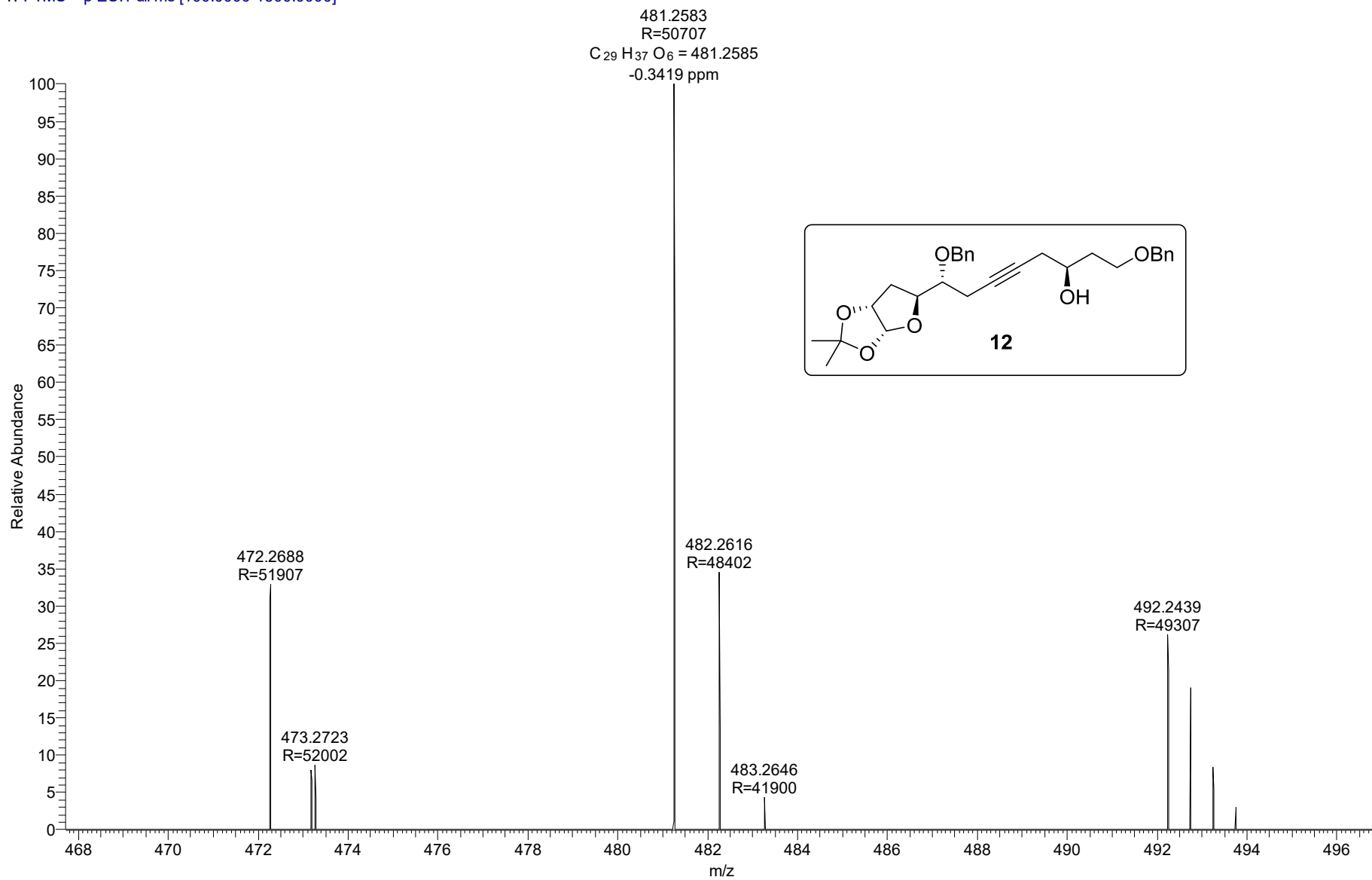


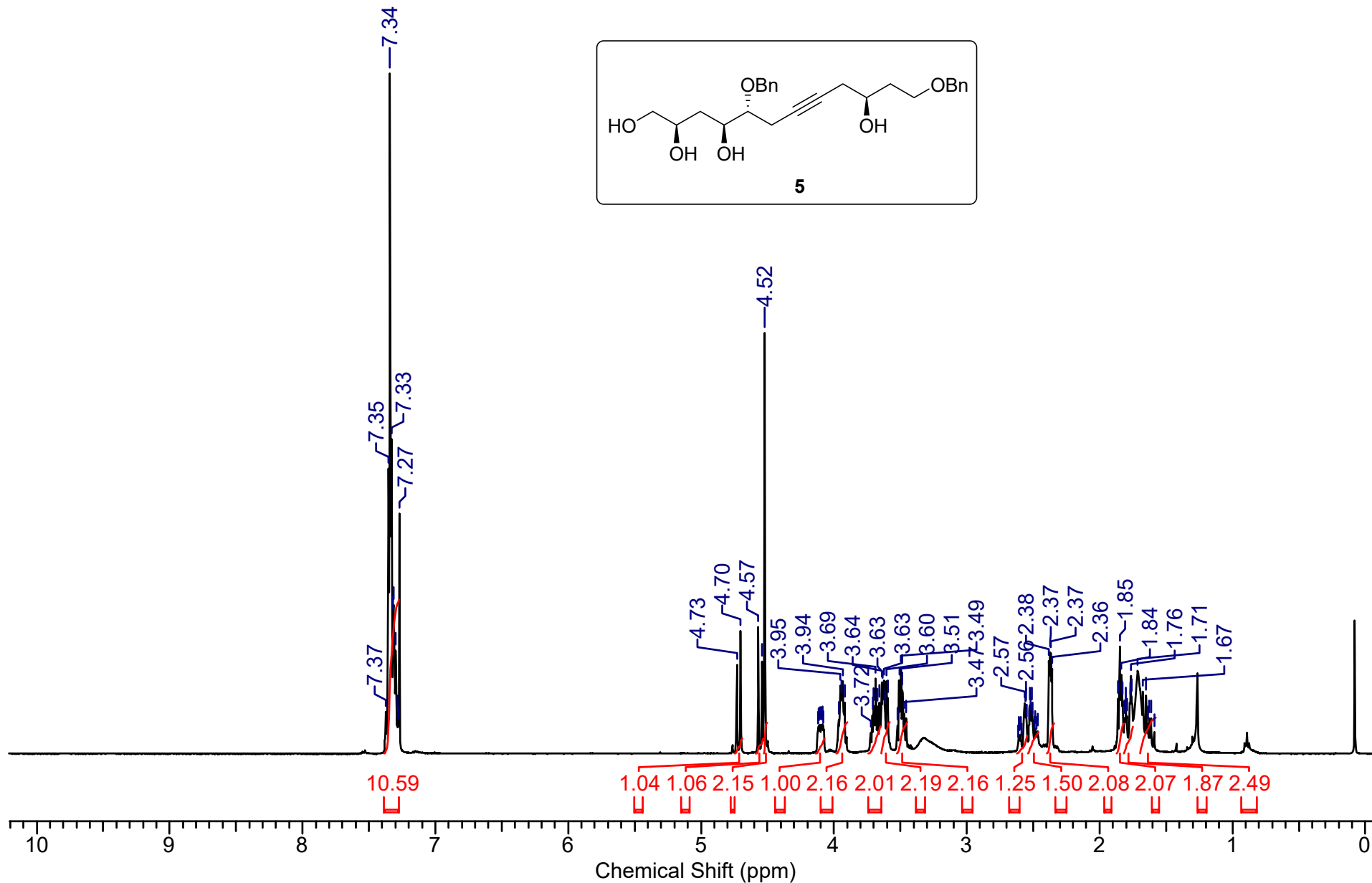
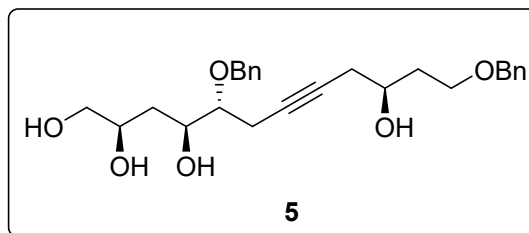


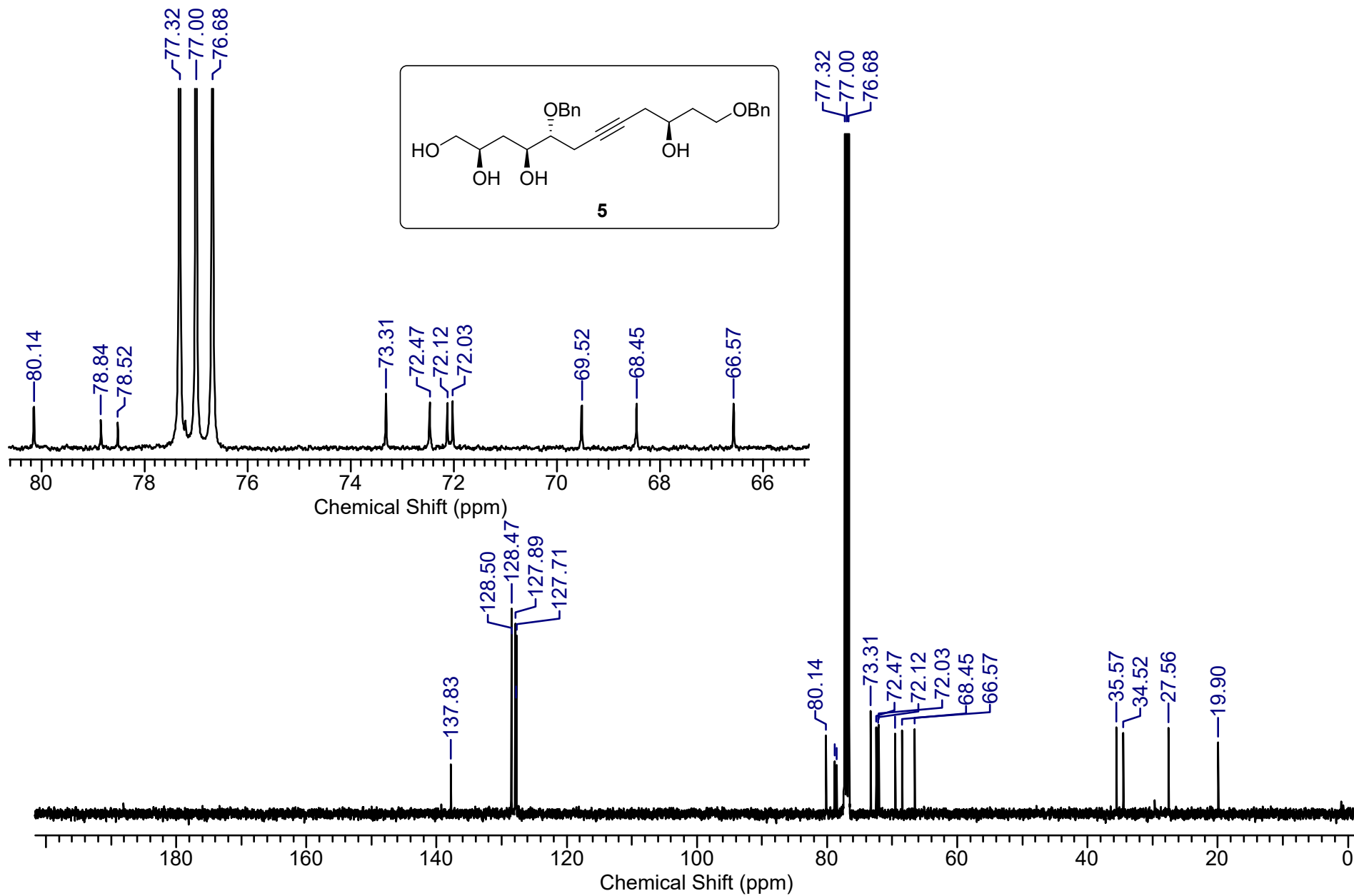




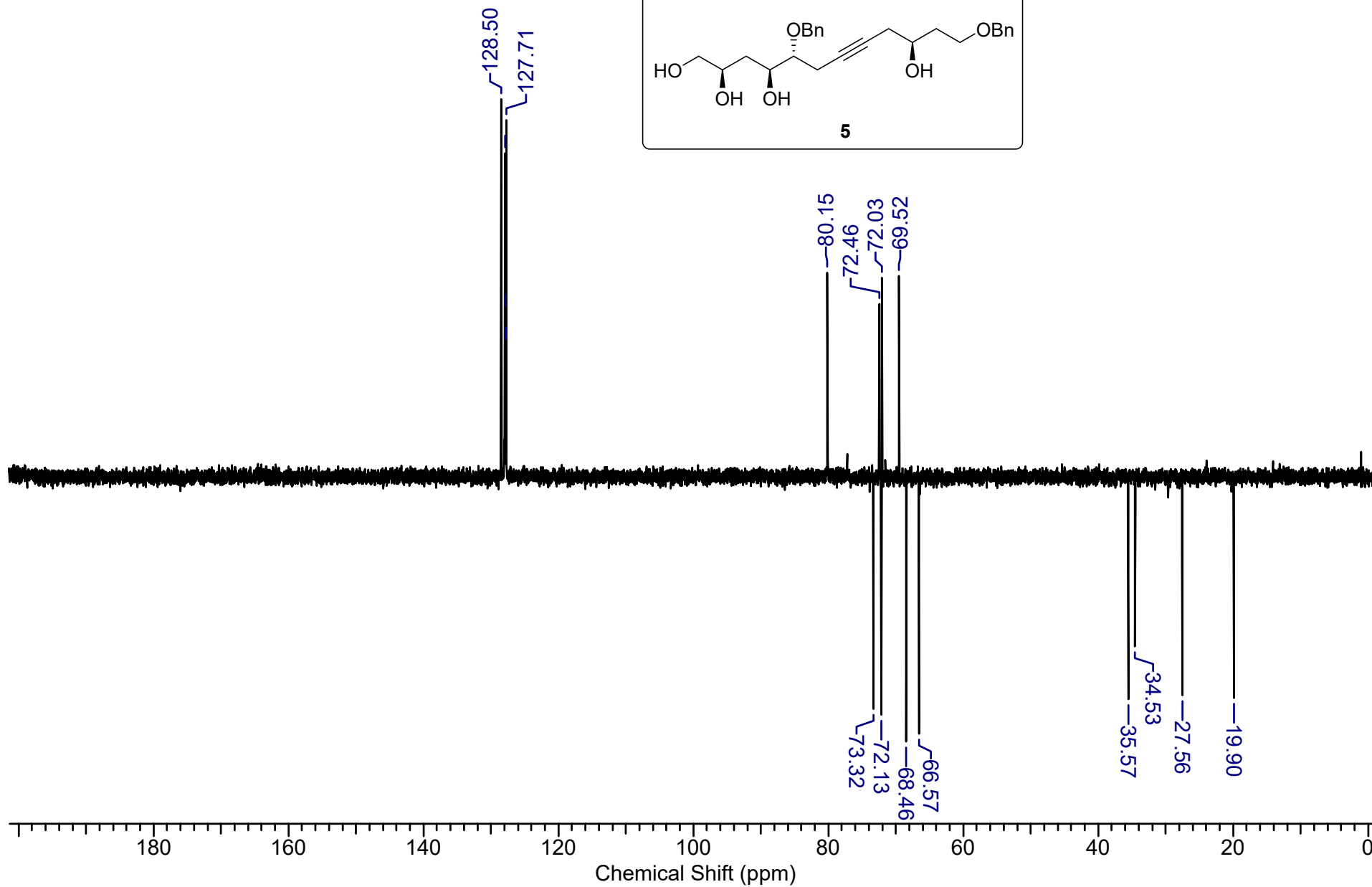
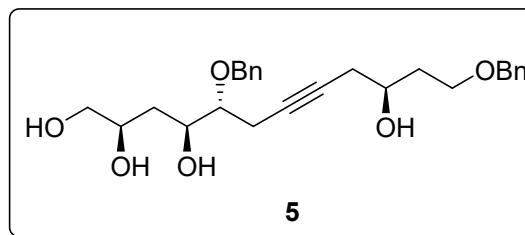
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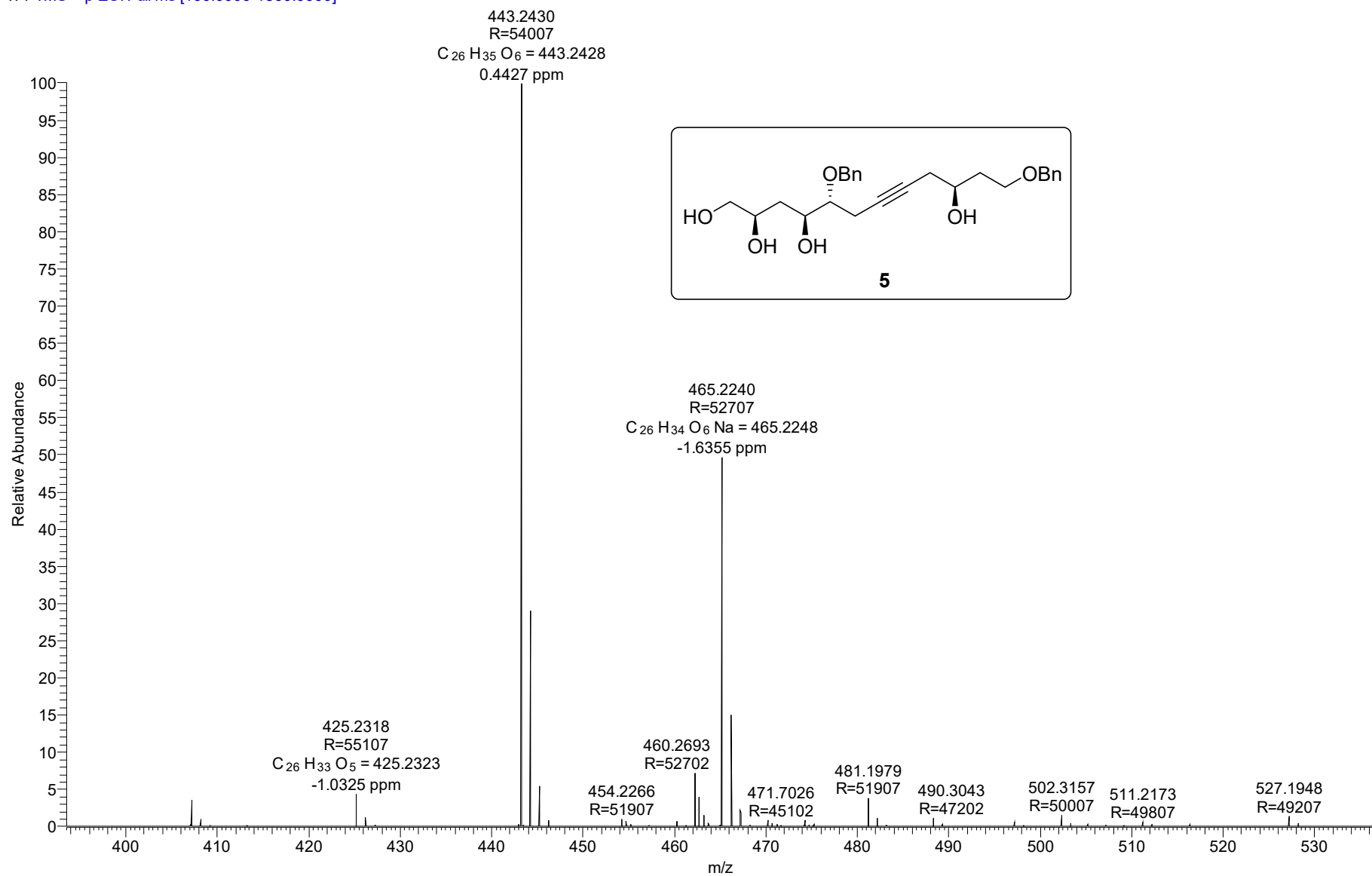


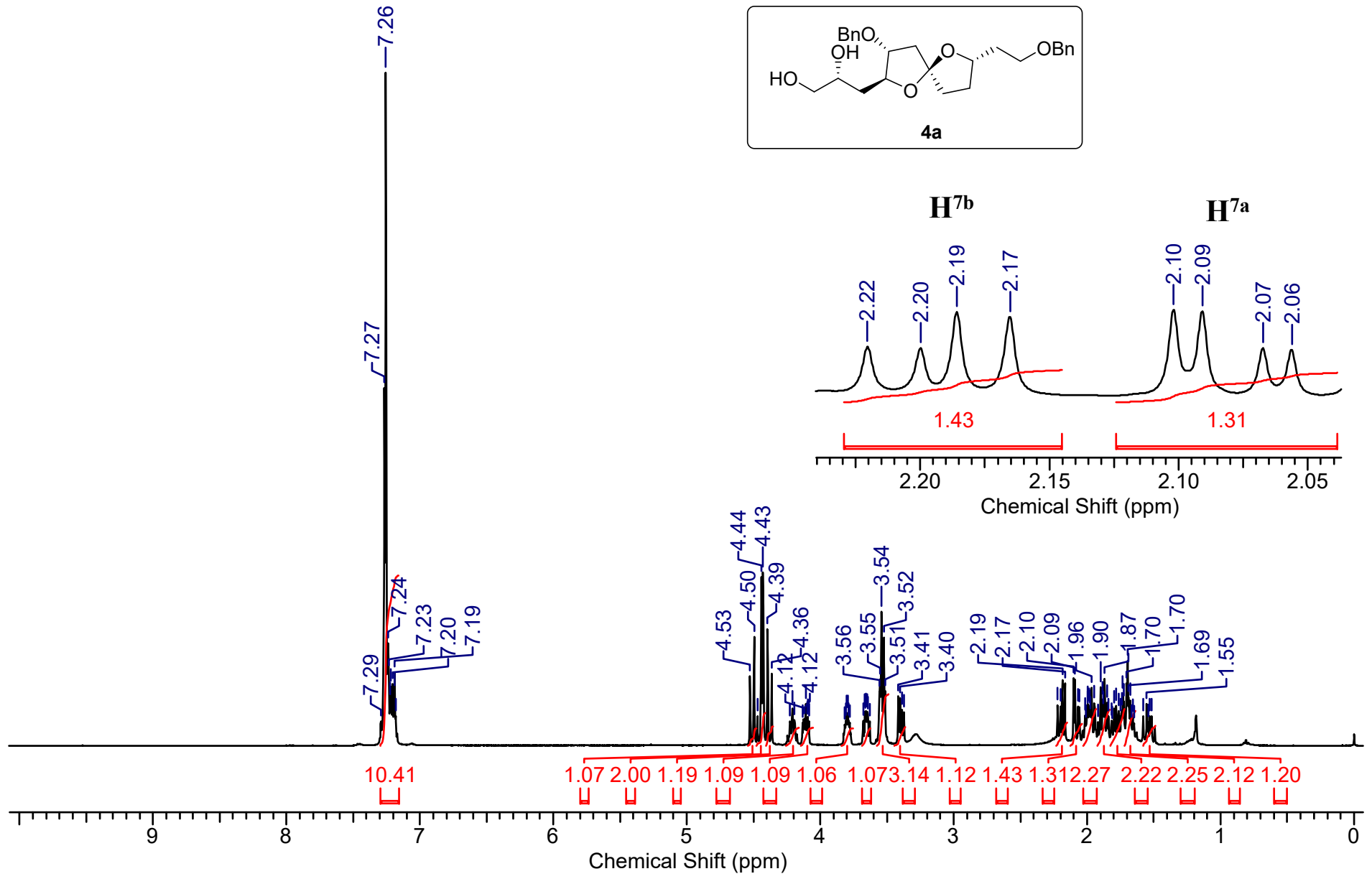
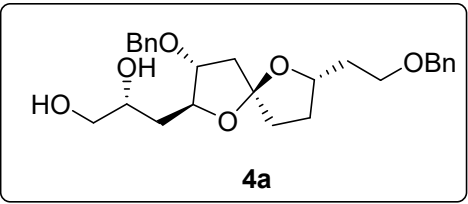


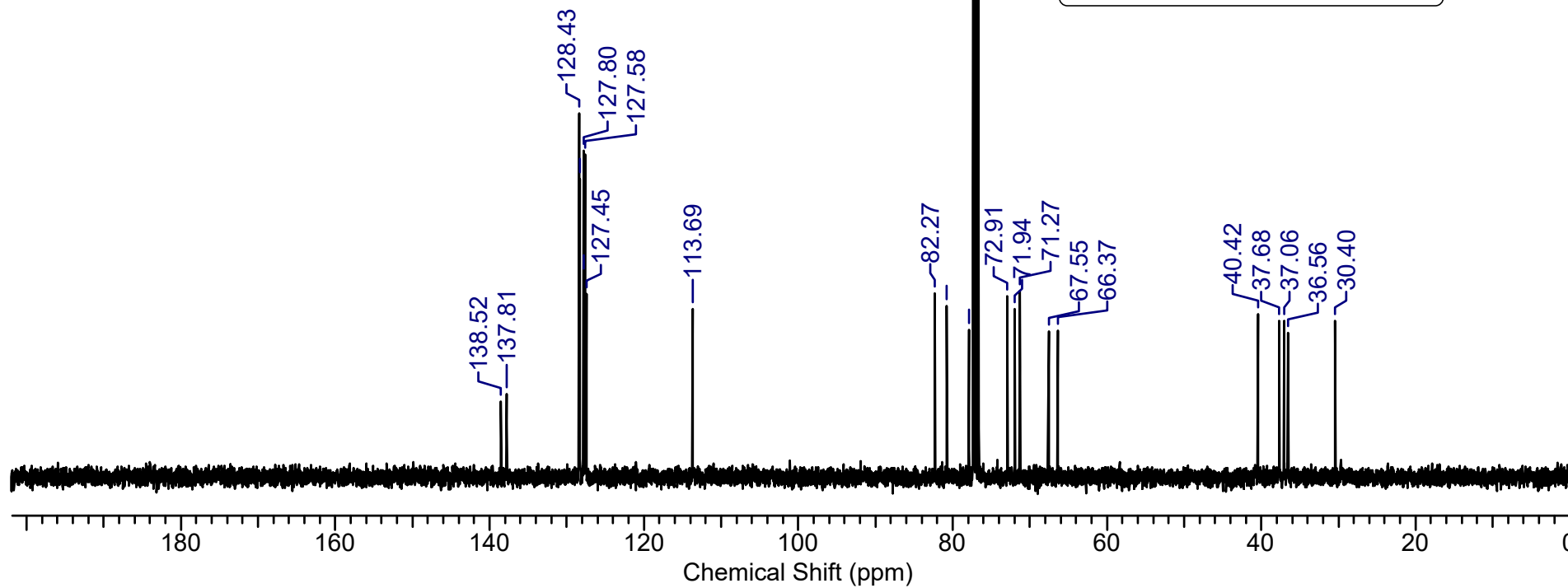
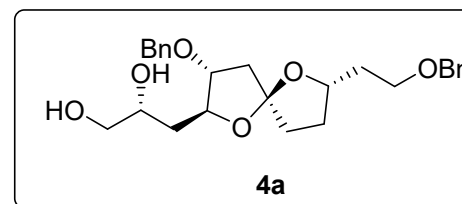
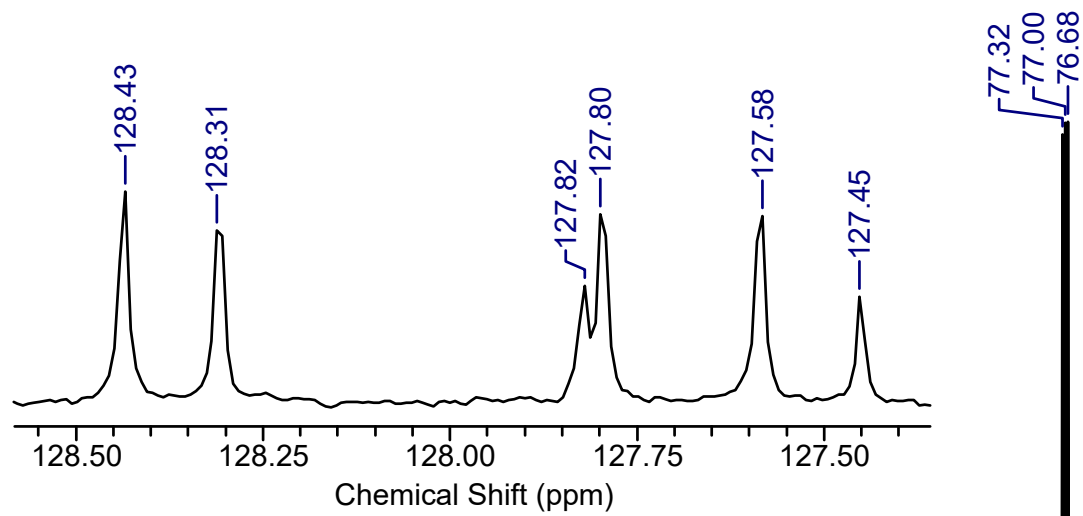


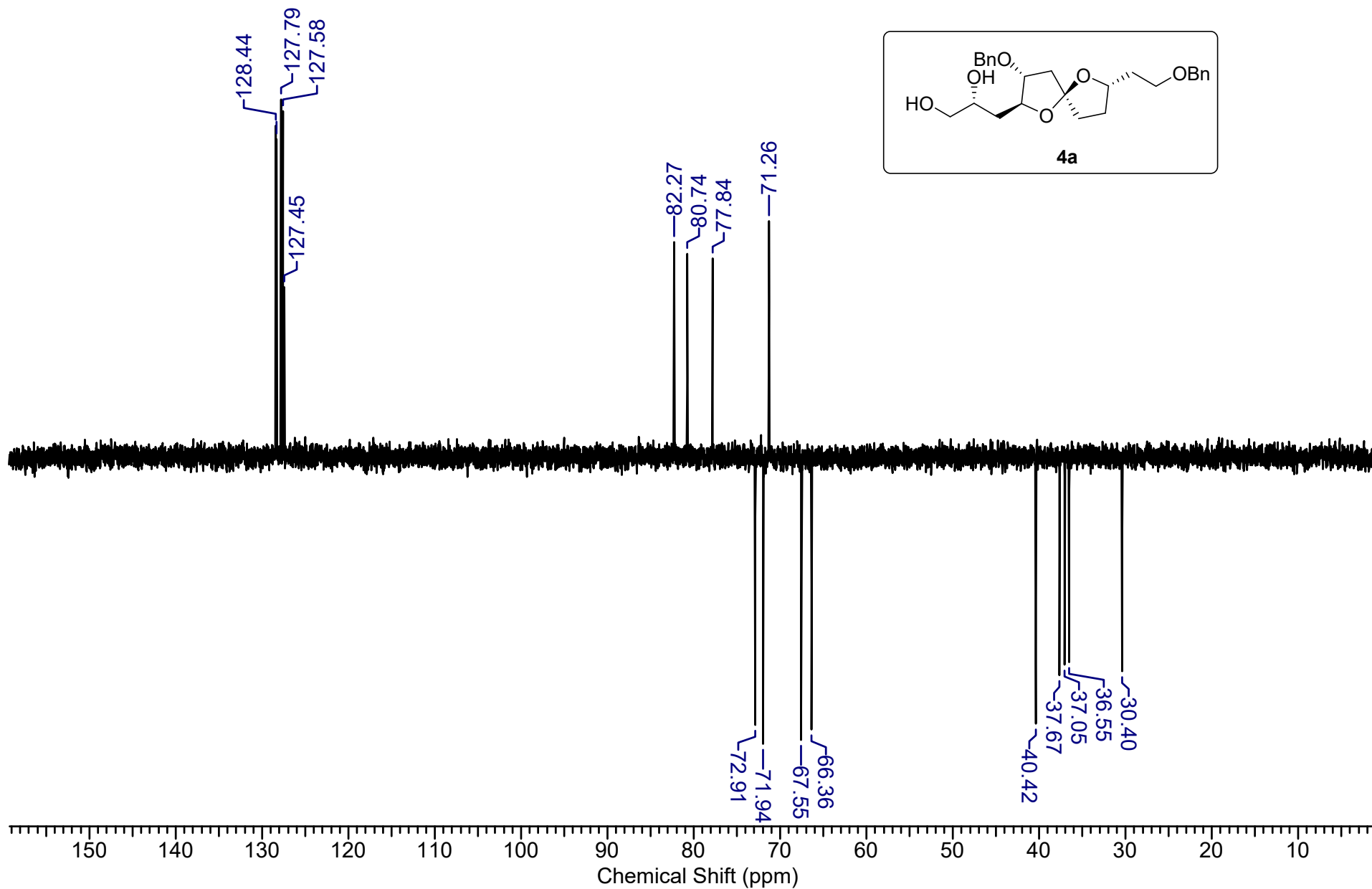
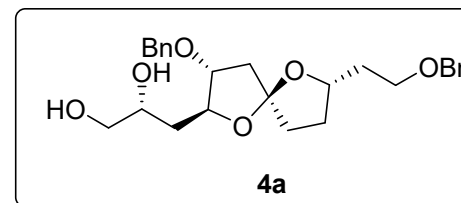


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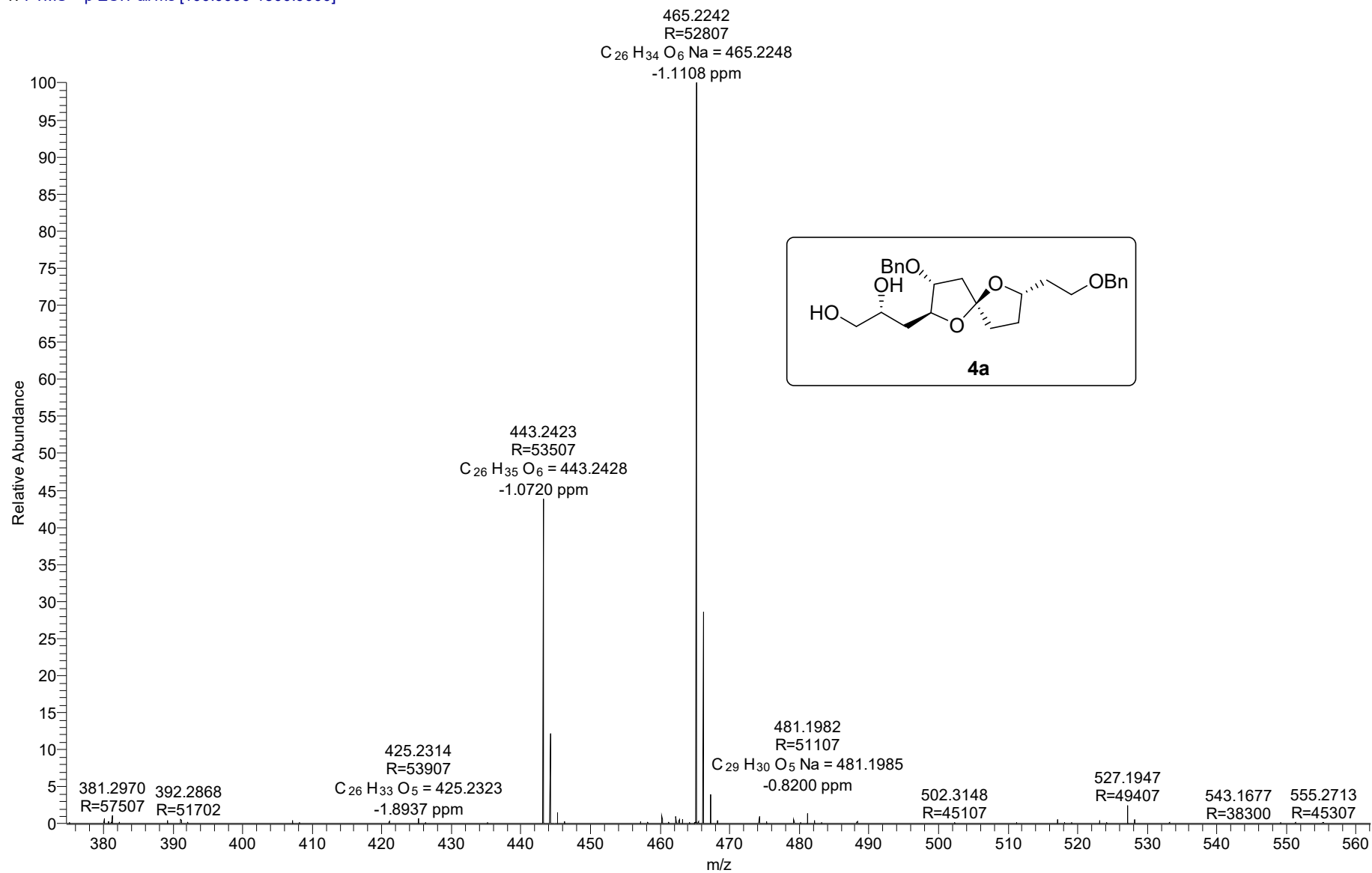


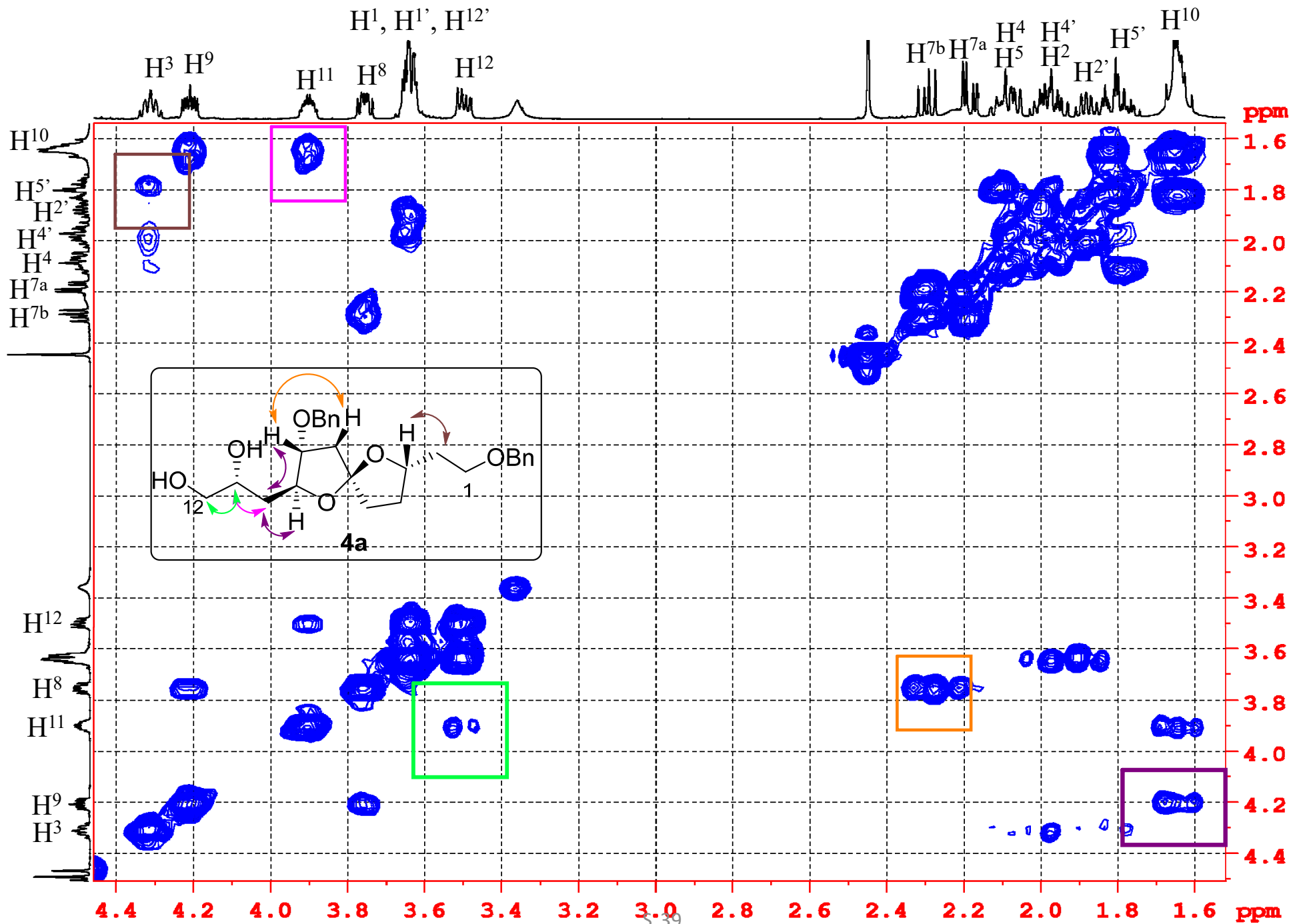


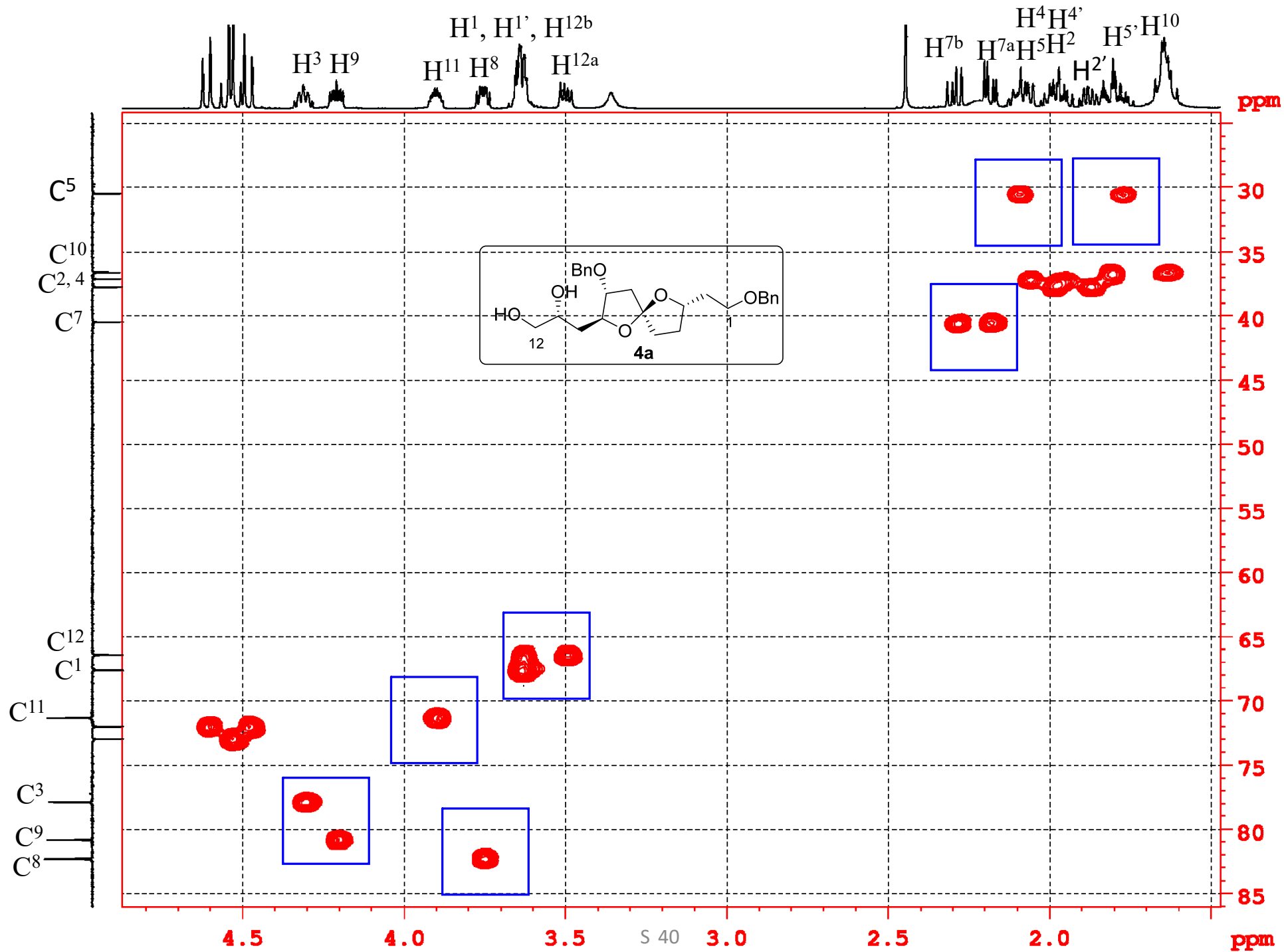




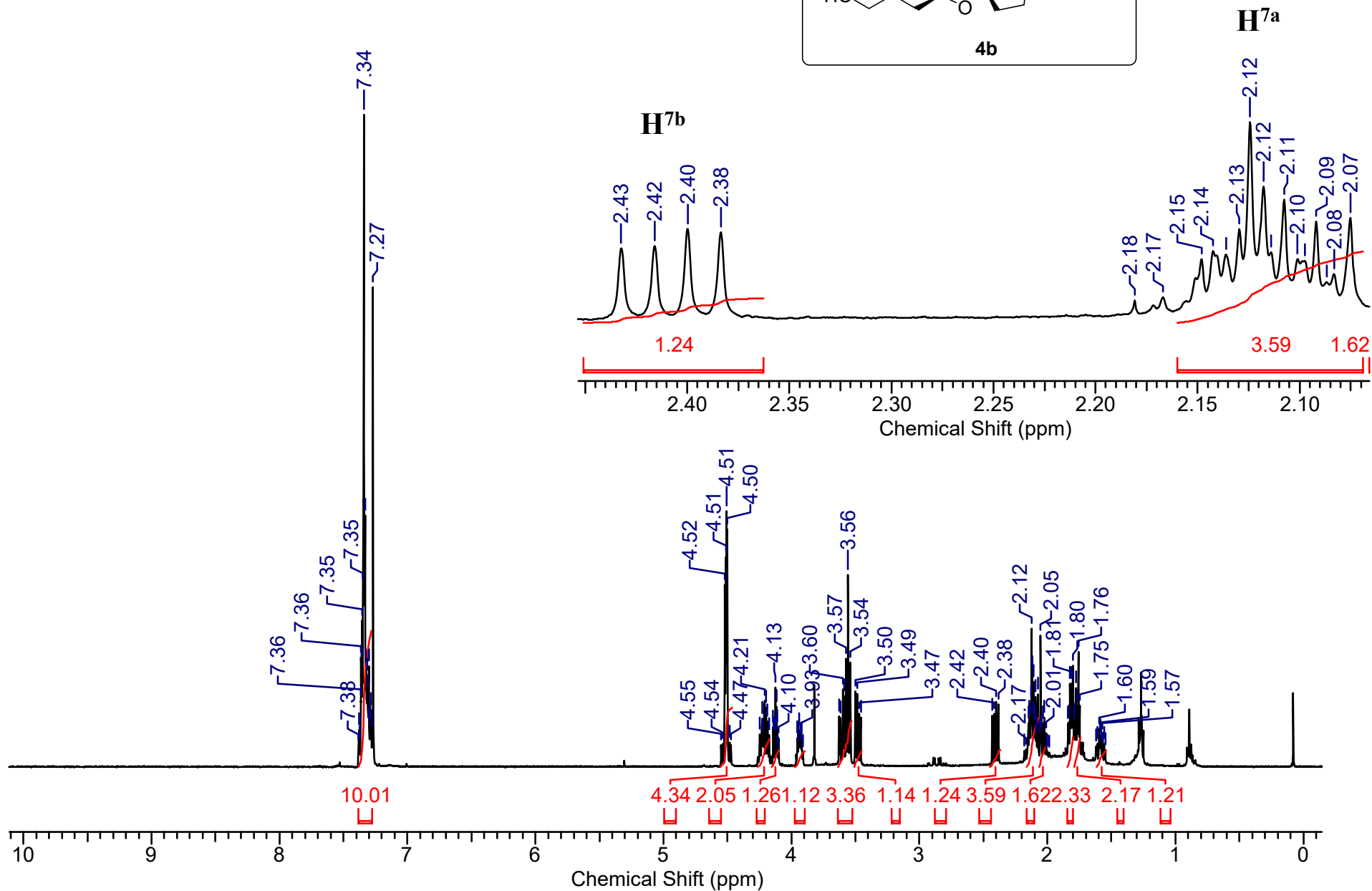
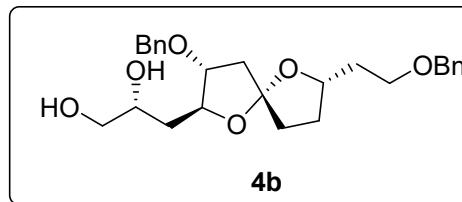
MSH-309-3 #376 RT: 2.06 AV: 1 NL: 1.36E8  
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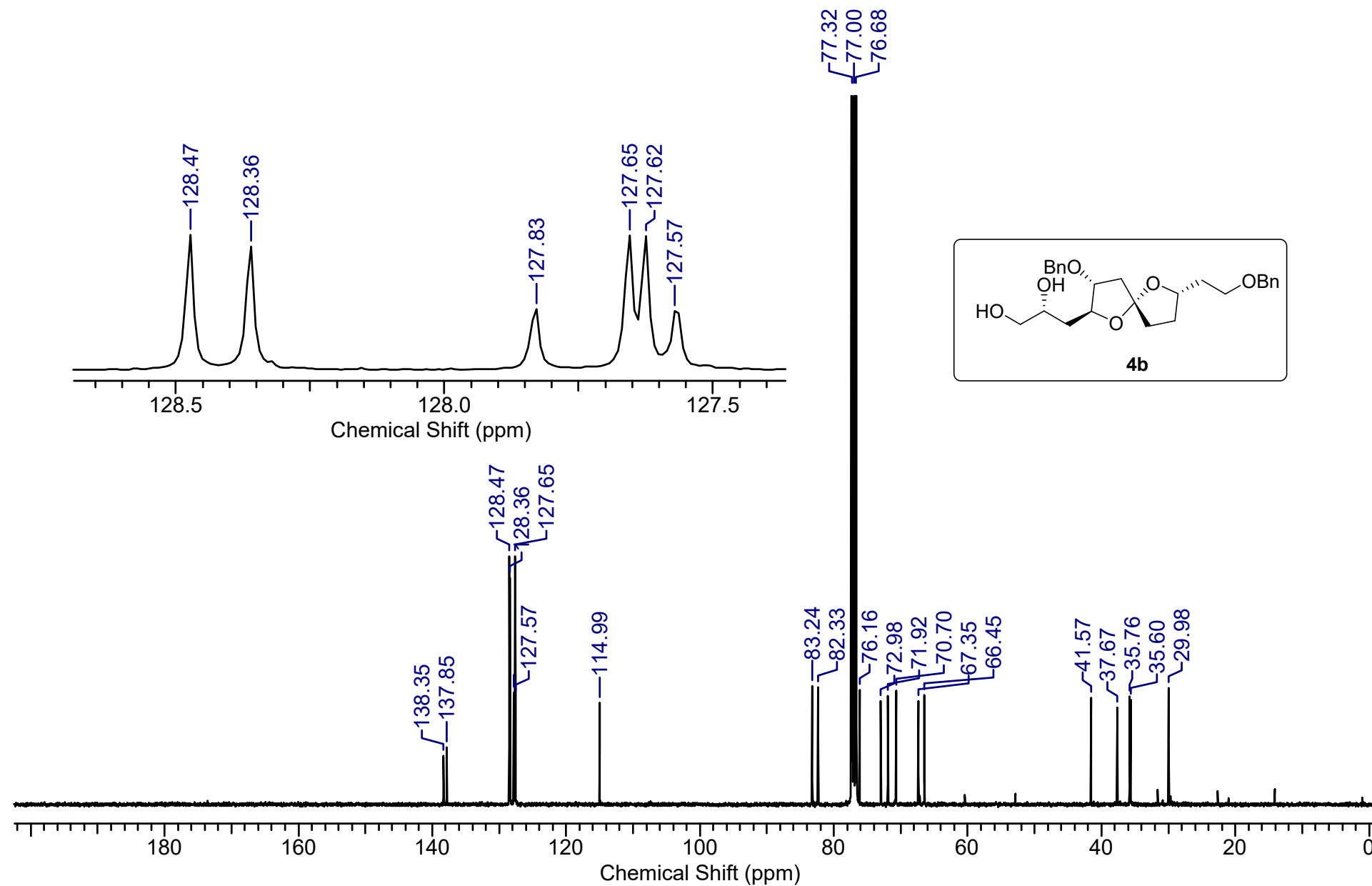


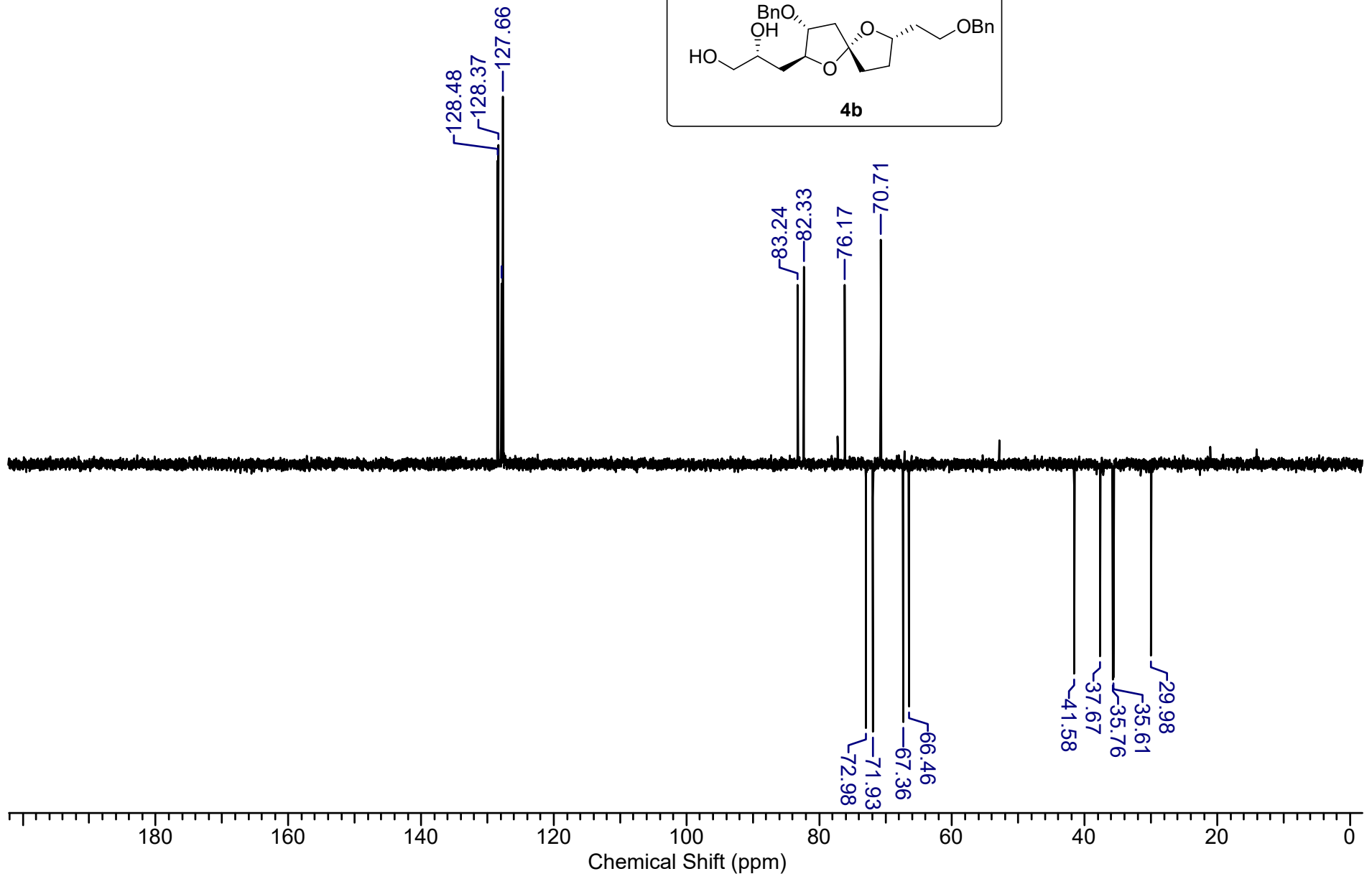
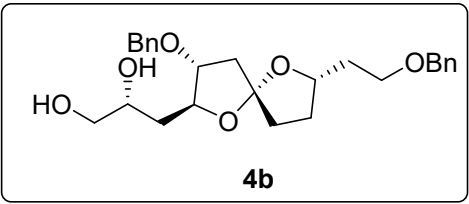




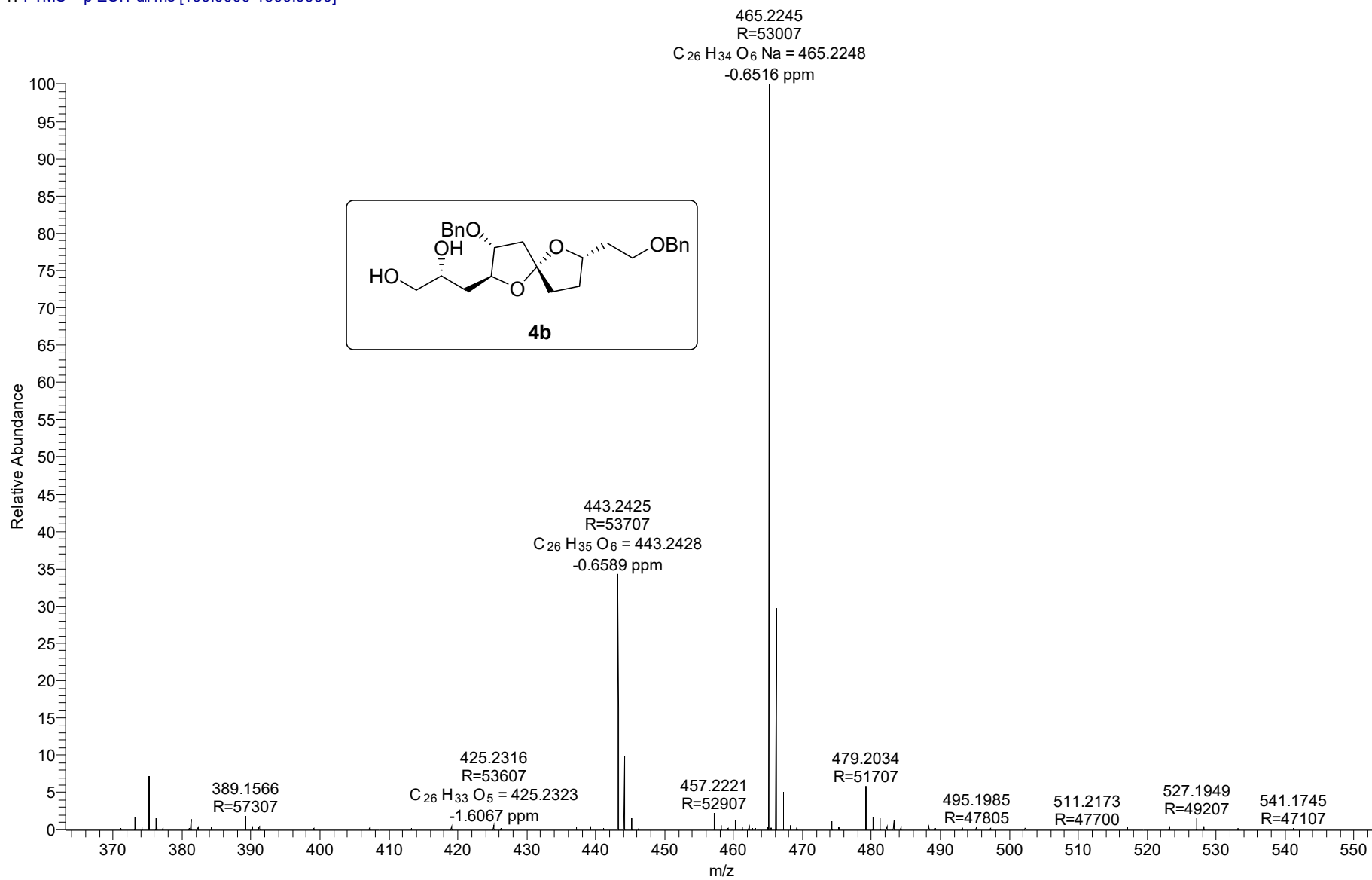


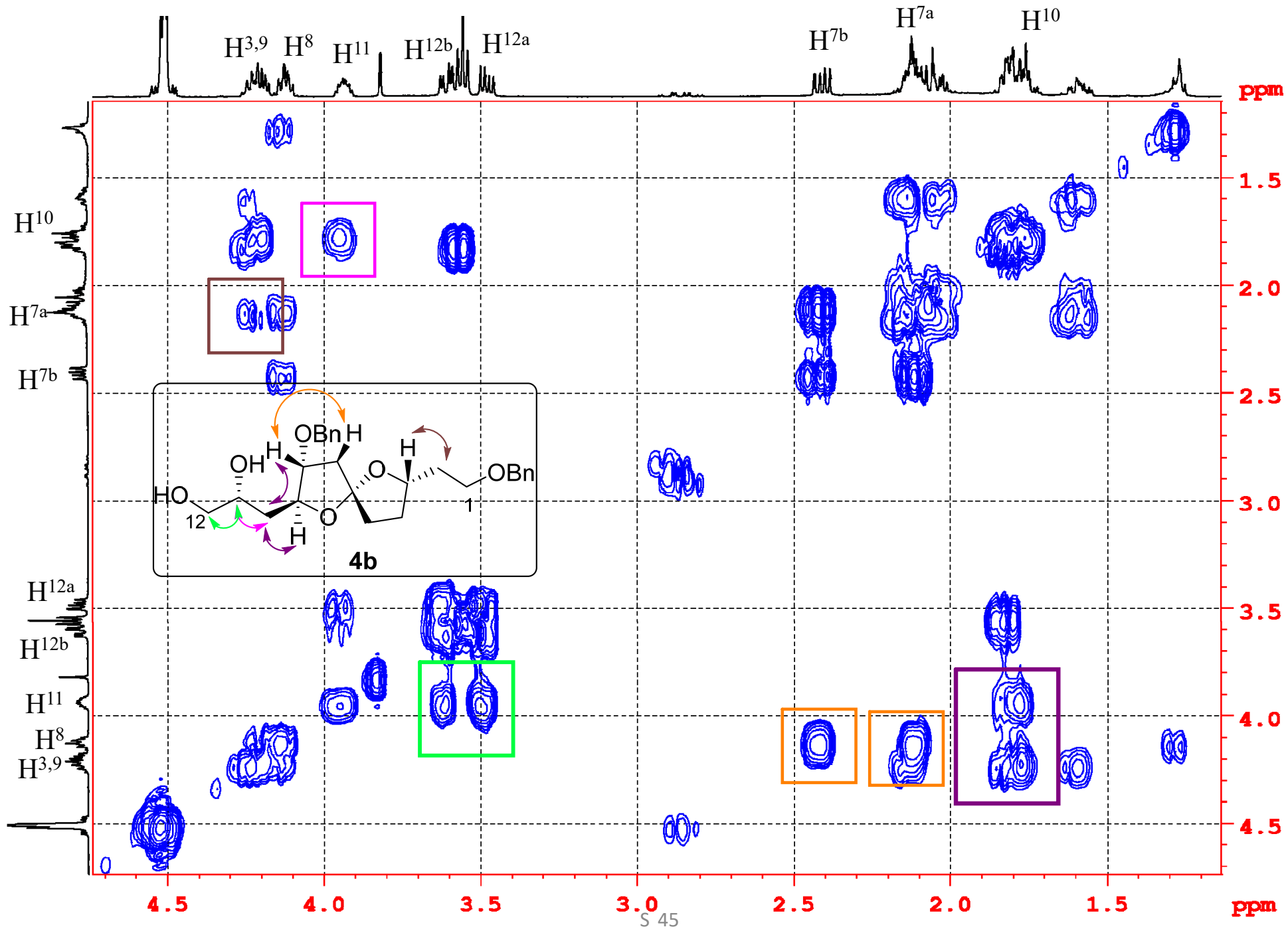


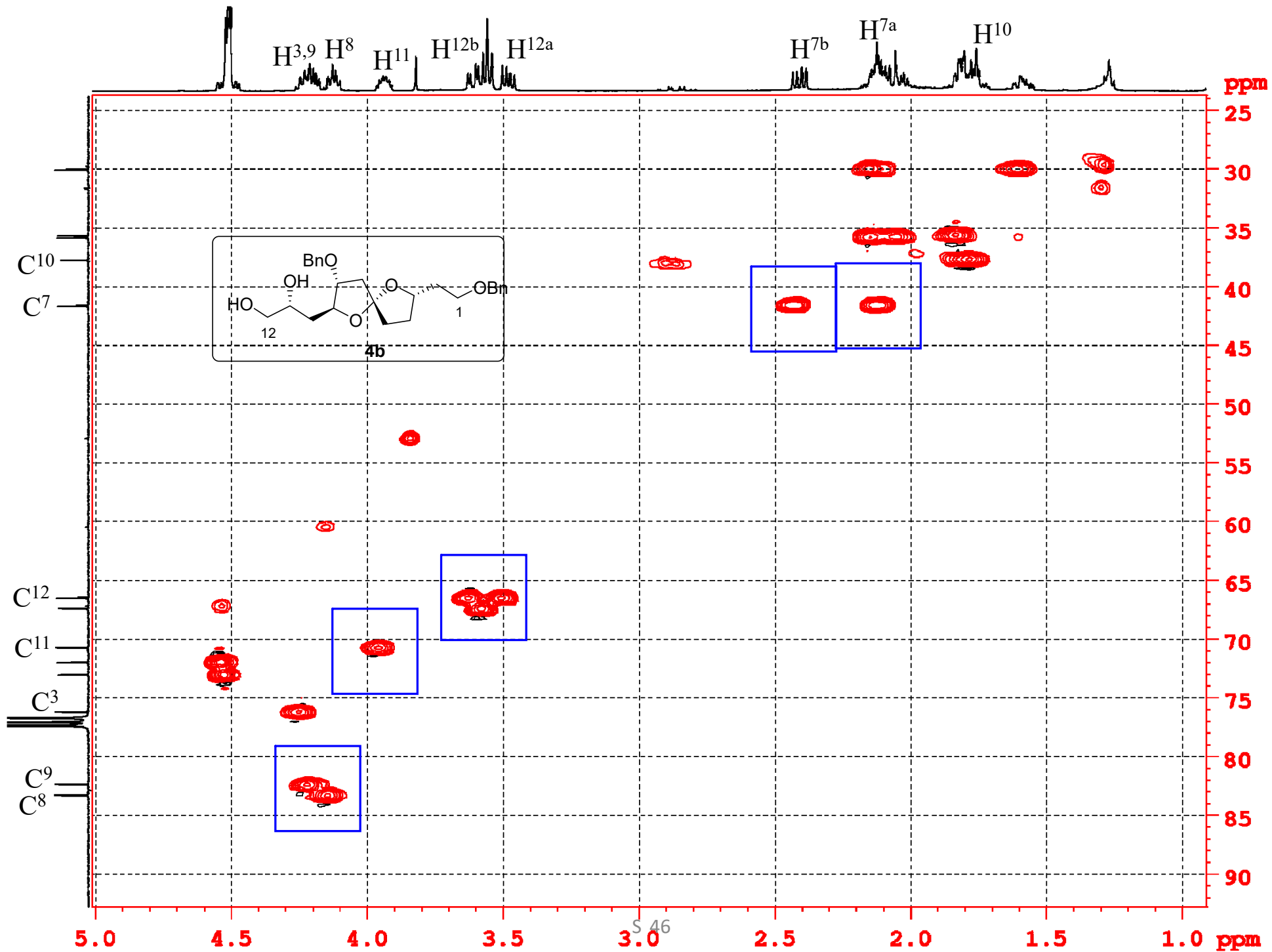


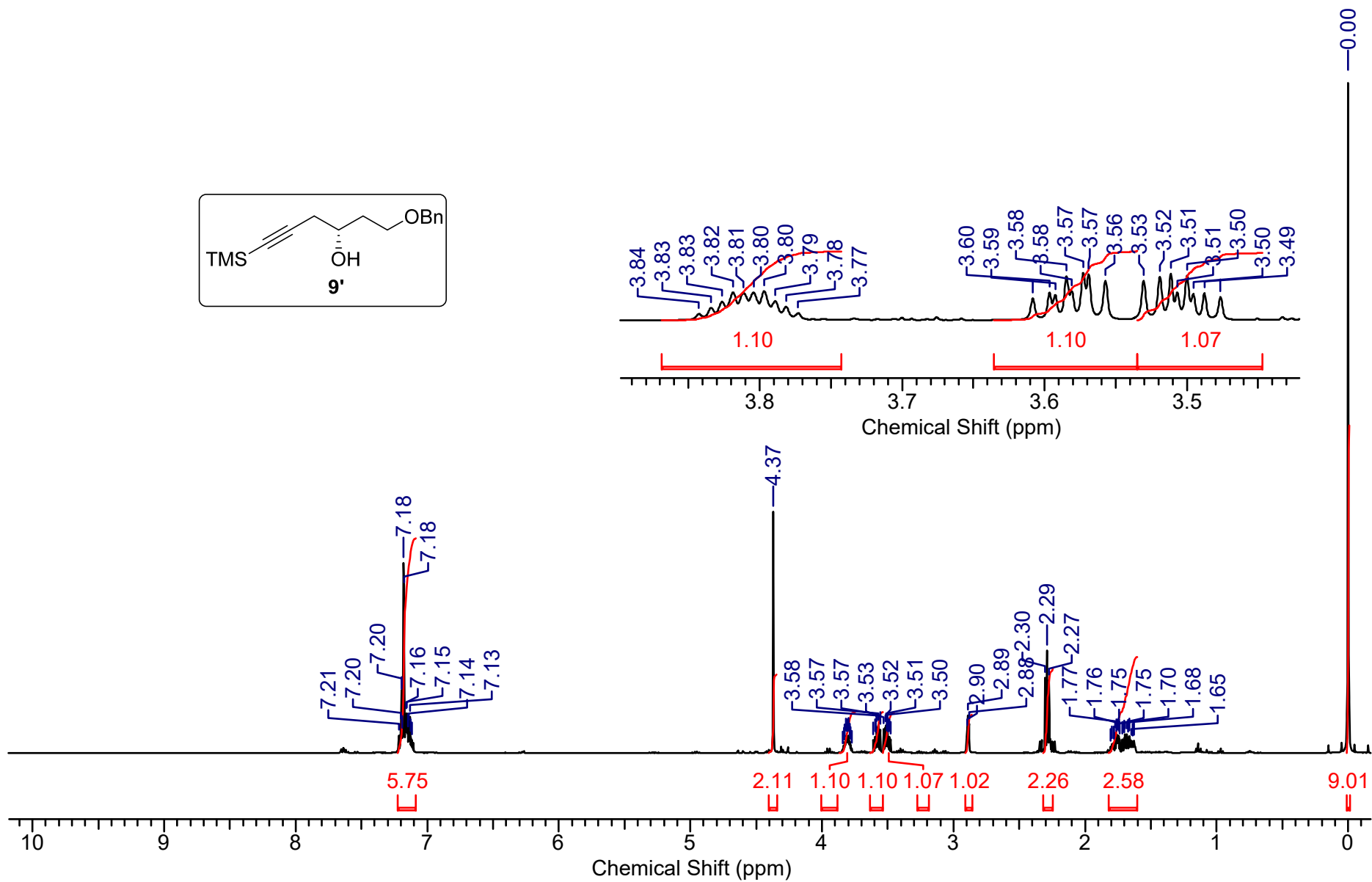
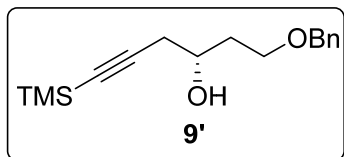


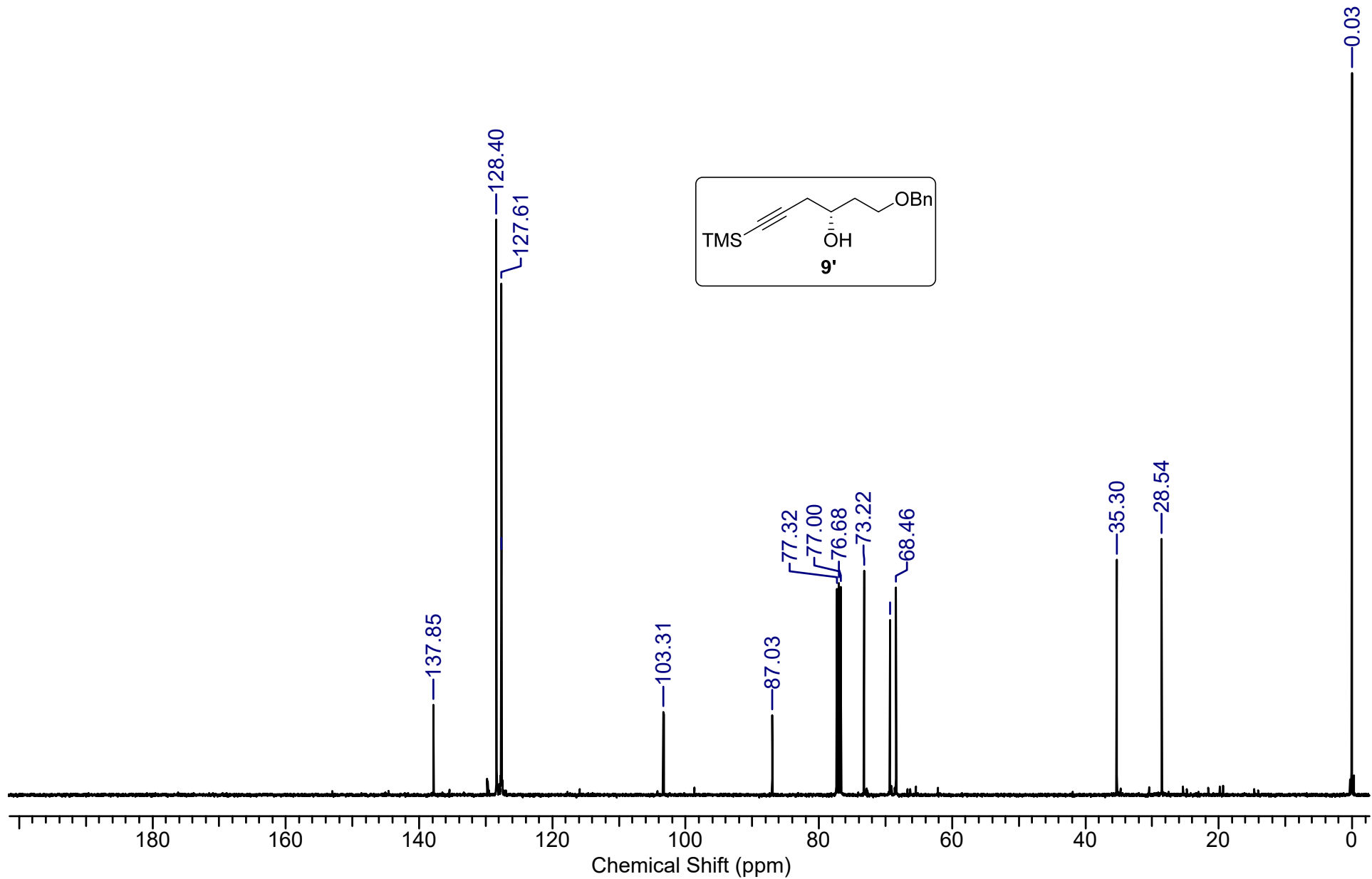
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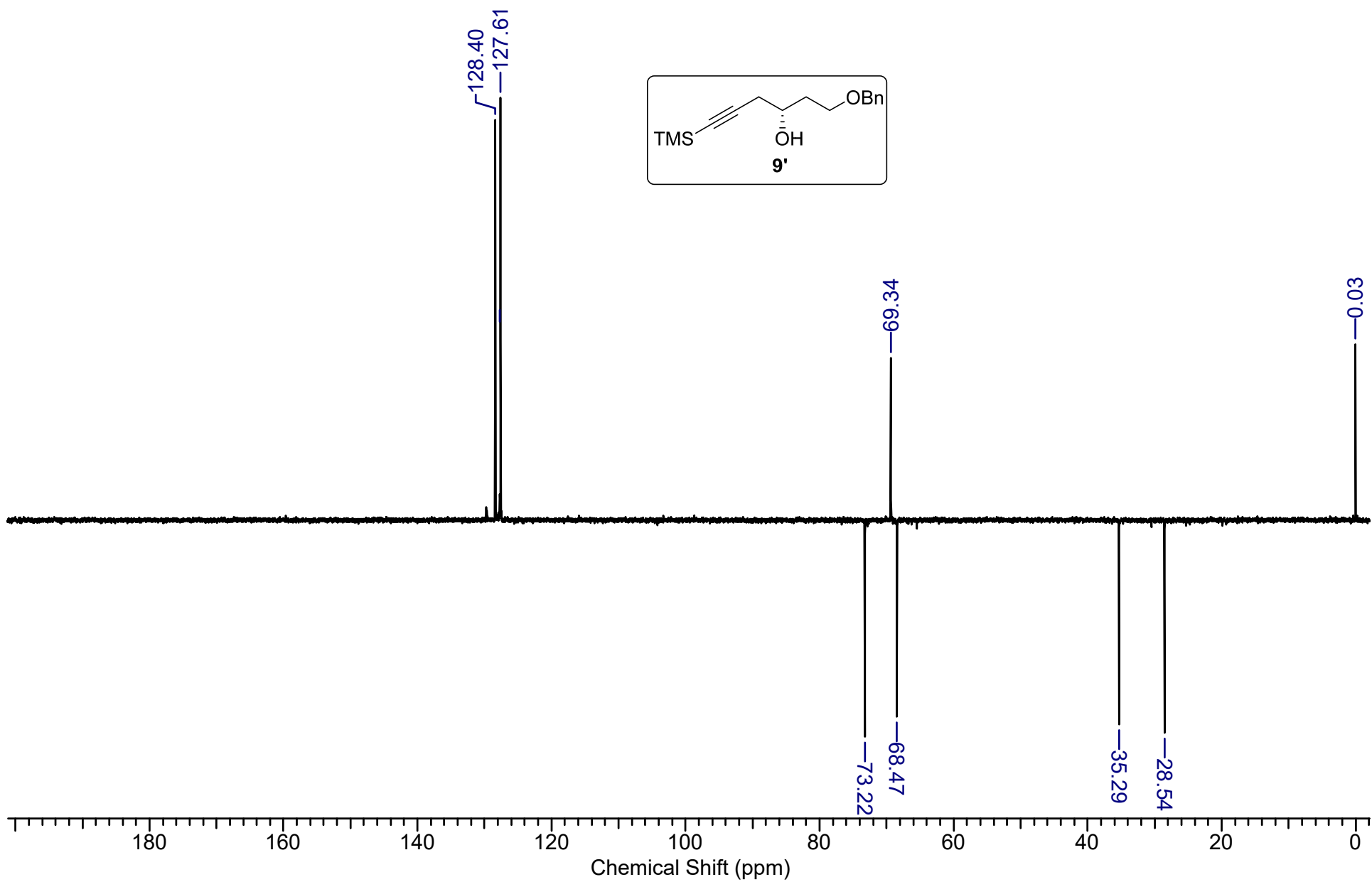
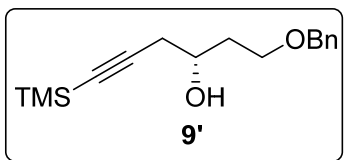




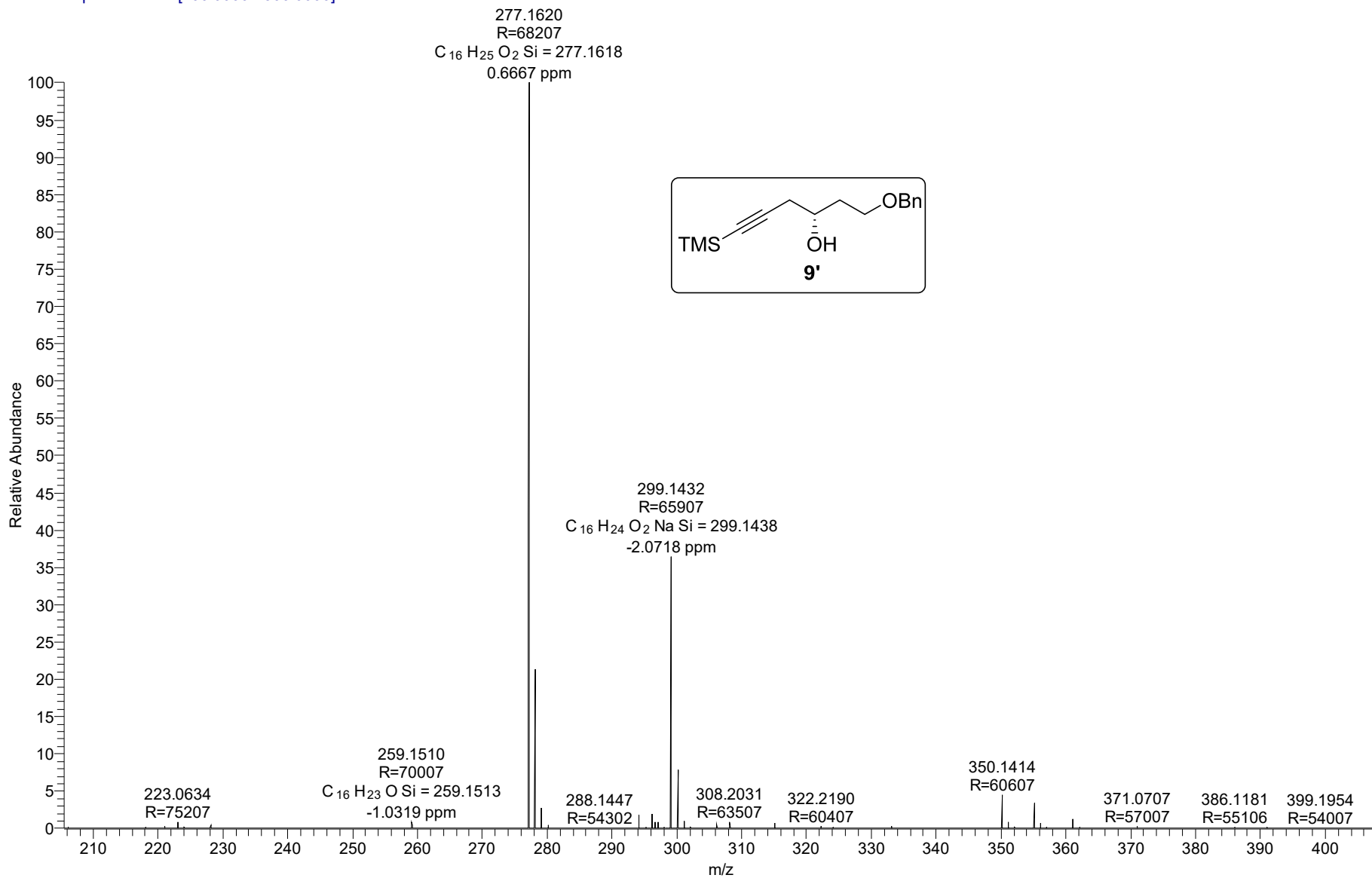


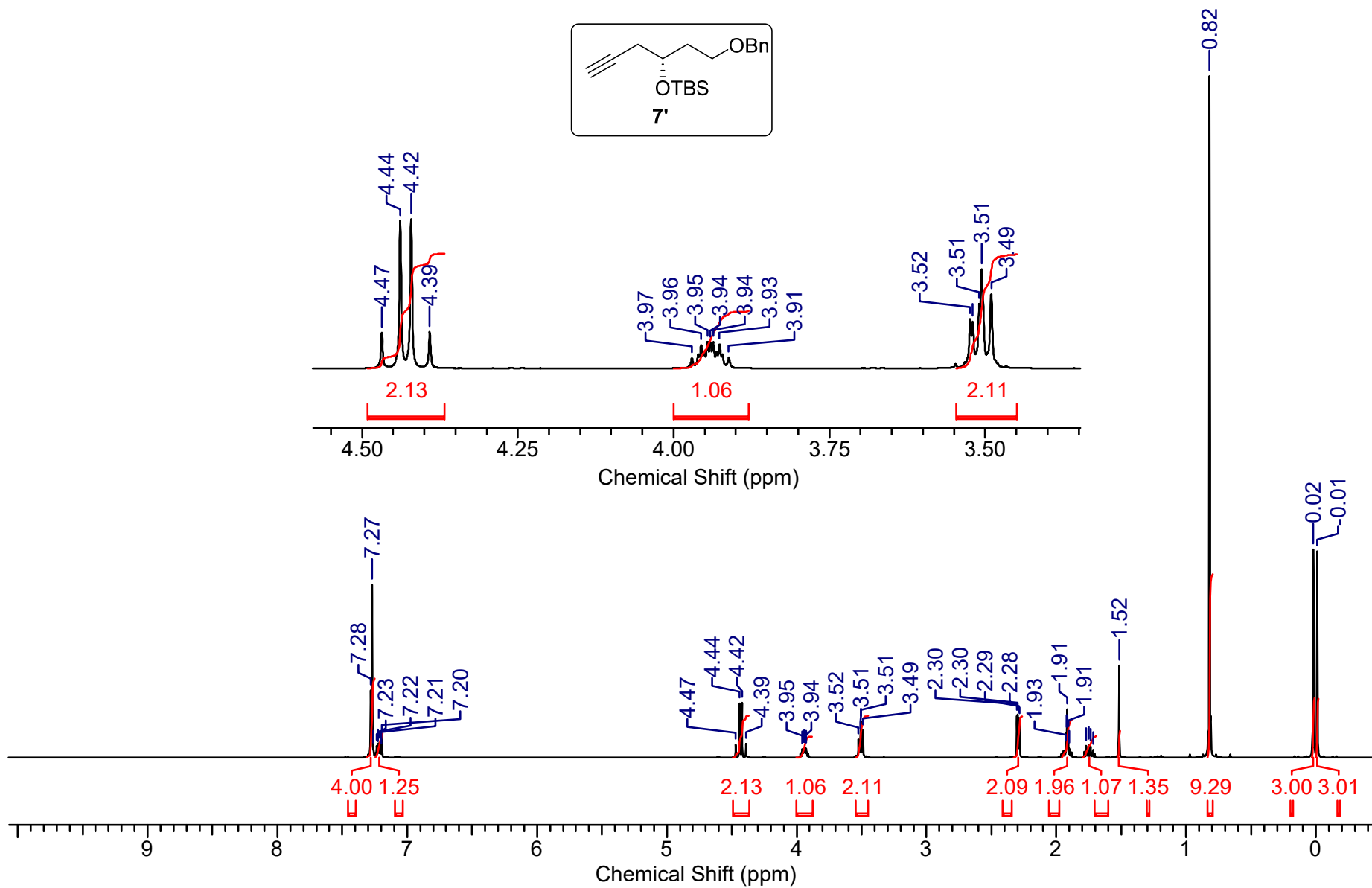
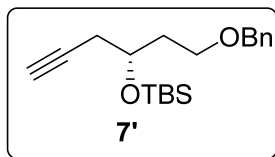


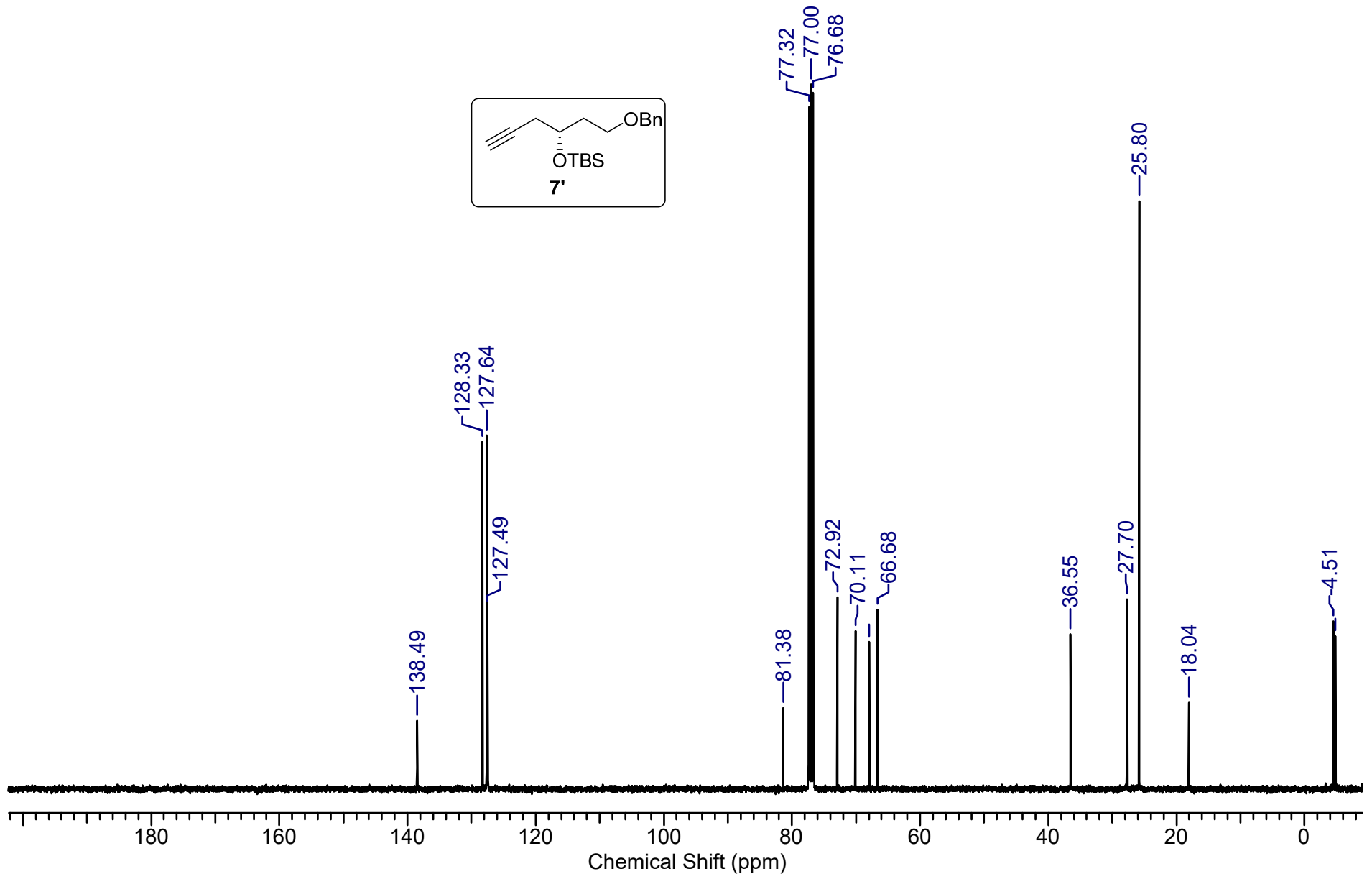


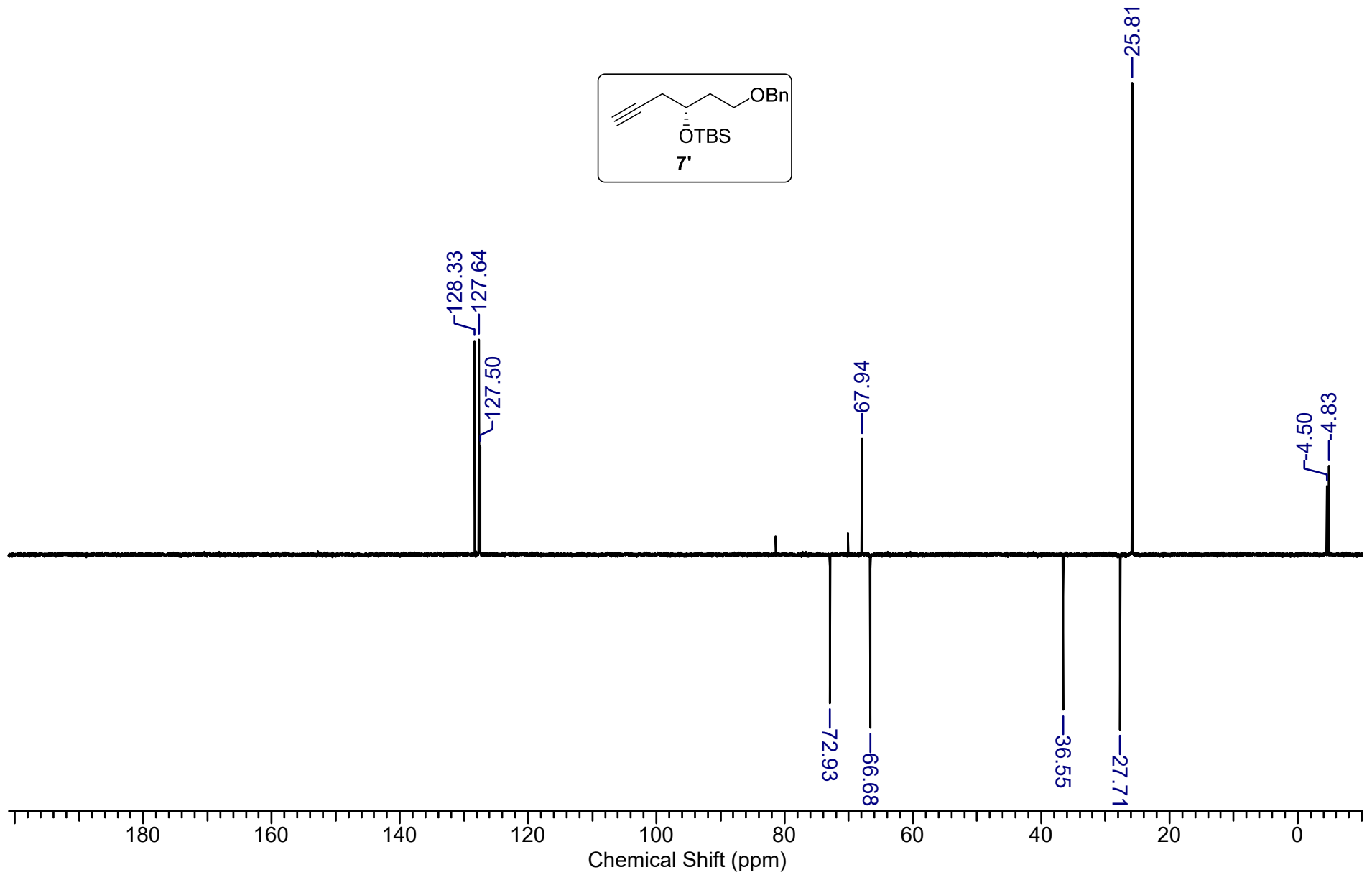
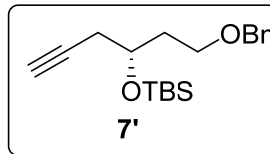


MSH-304 #363 RT: 1.99 AV: 1 NL: 2.25E9  
T: FTMS + p ESIFull ms [100.0000-1500.0000]

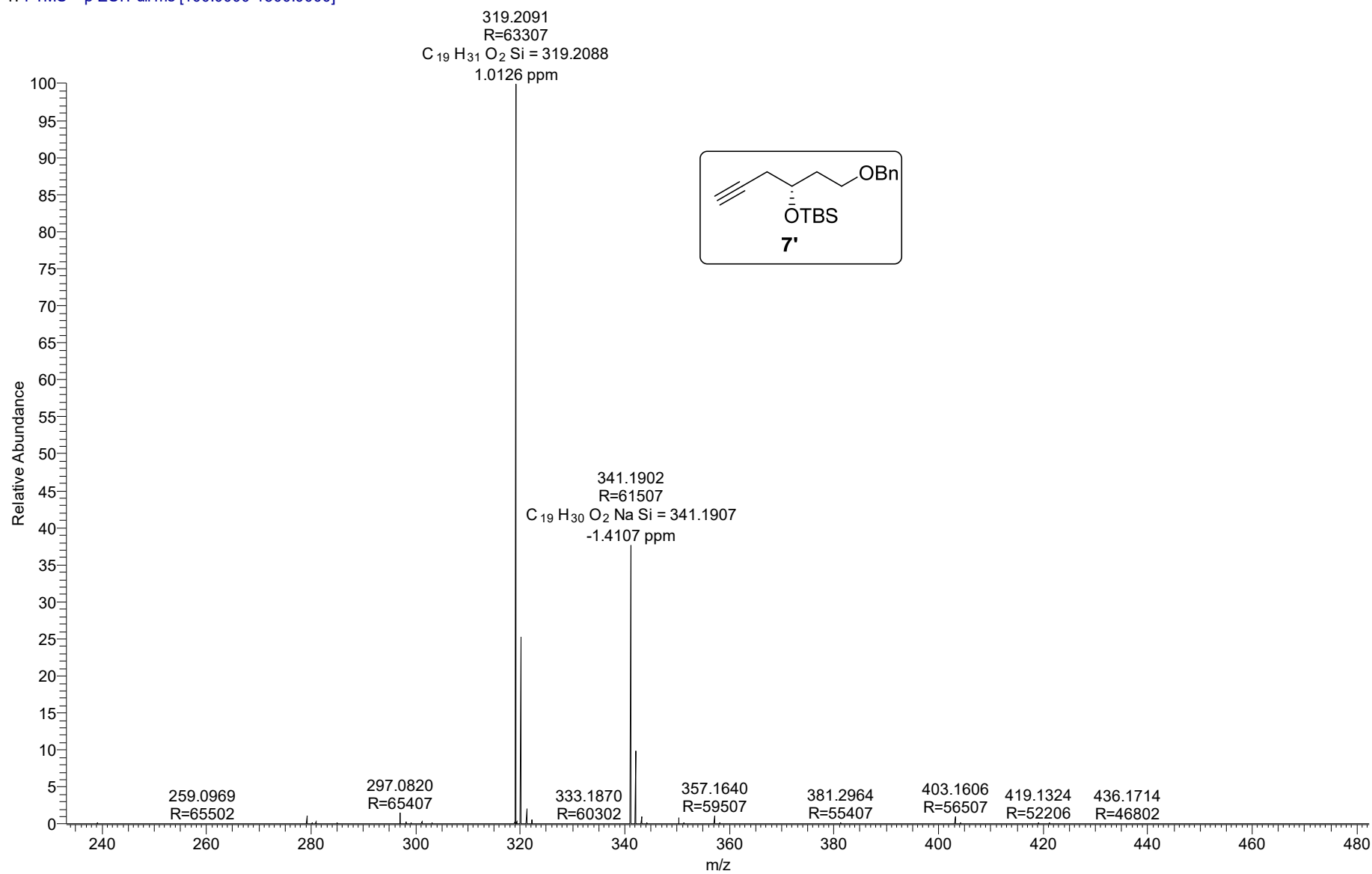


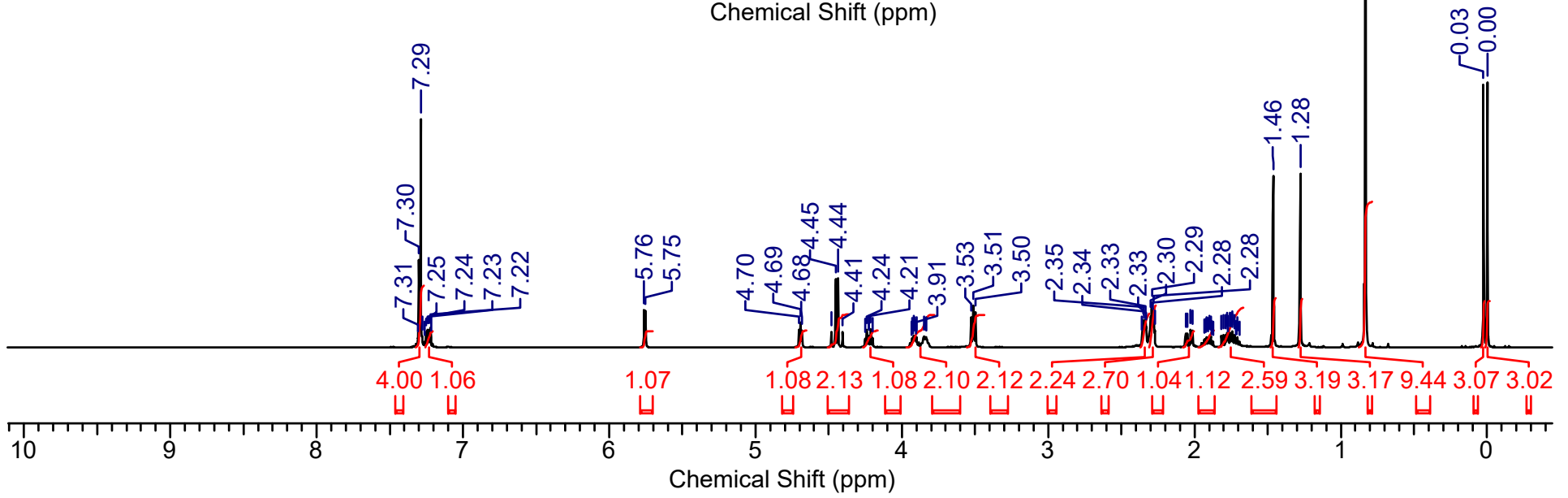
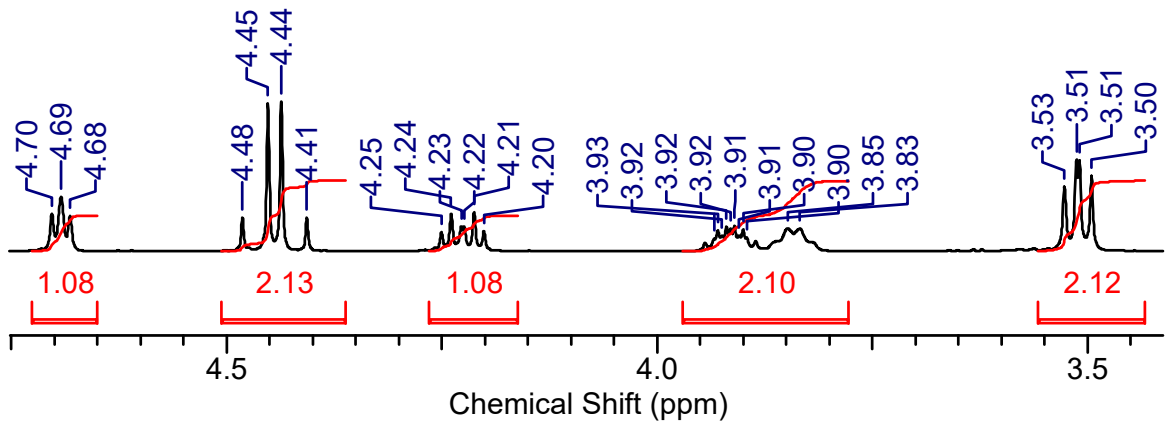
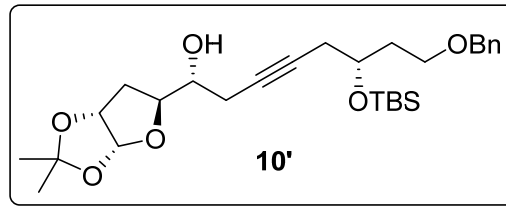


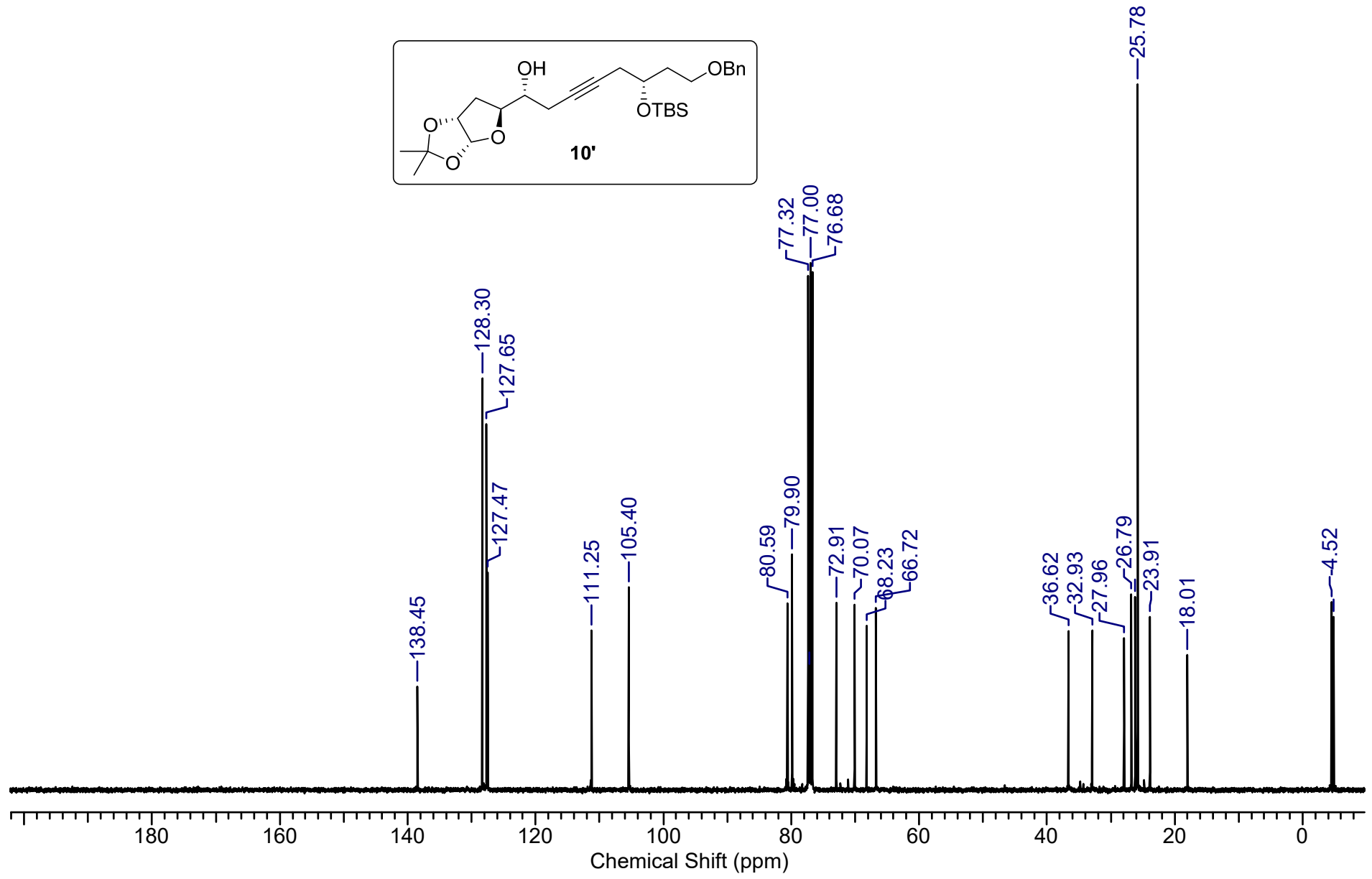
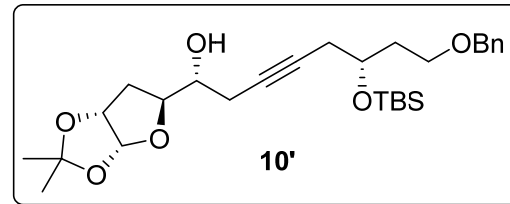




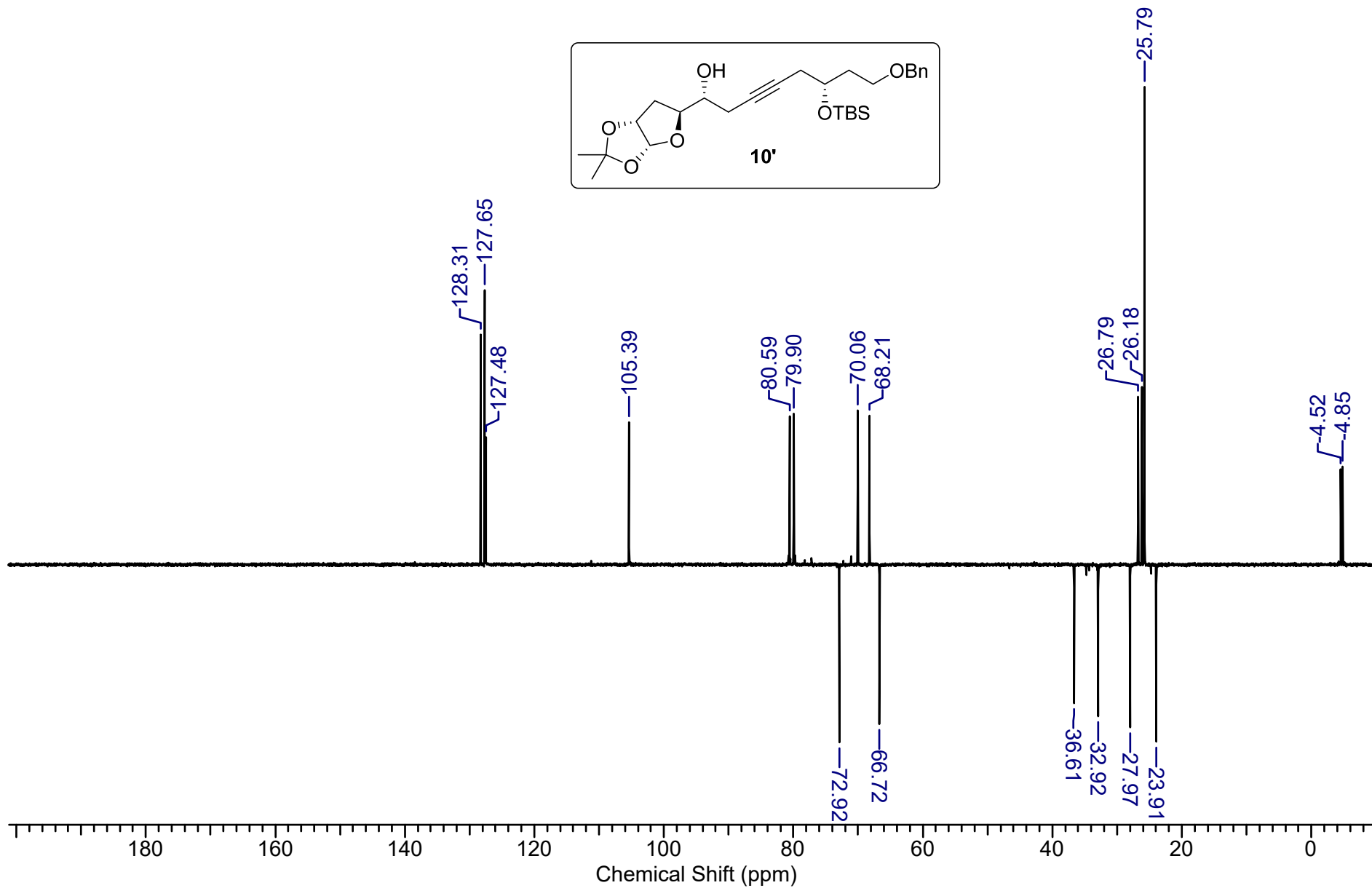
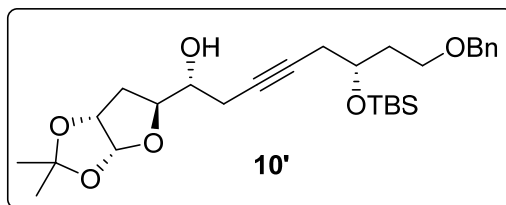
MSH-305 #542 RT: 2.97 AV: 1 NL: 1.37E9  
T: FTMS + p ESI Full ms [100.0000-1500.0000]

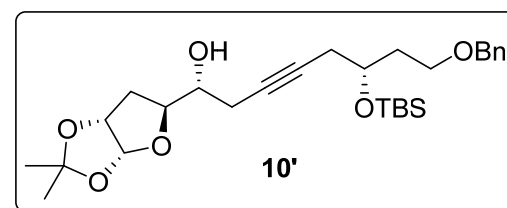
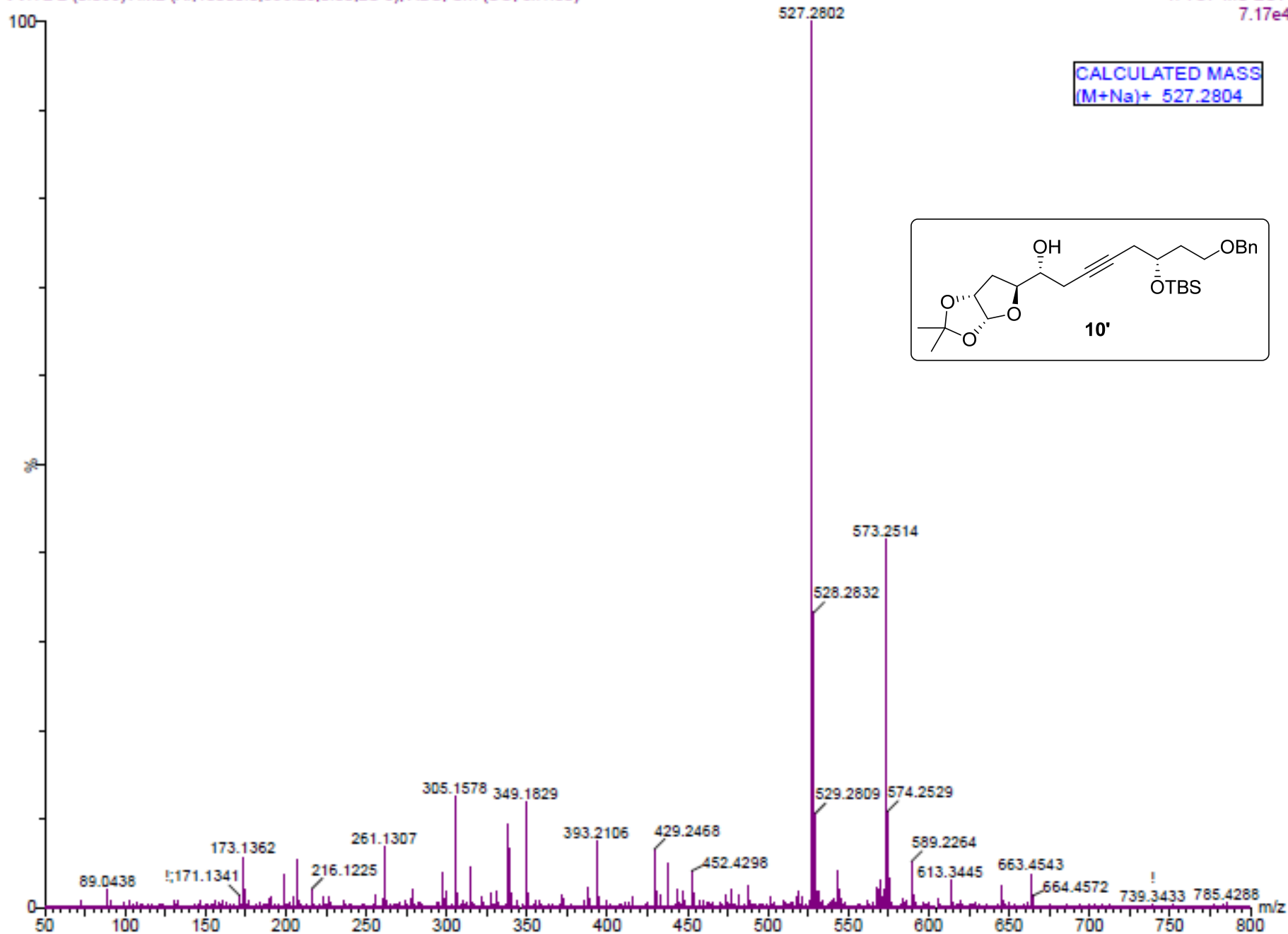


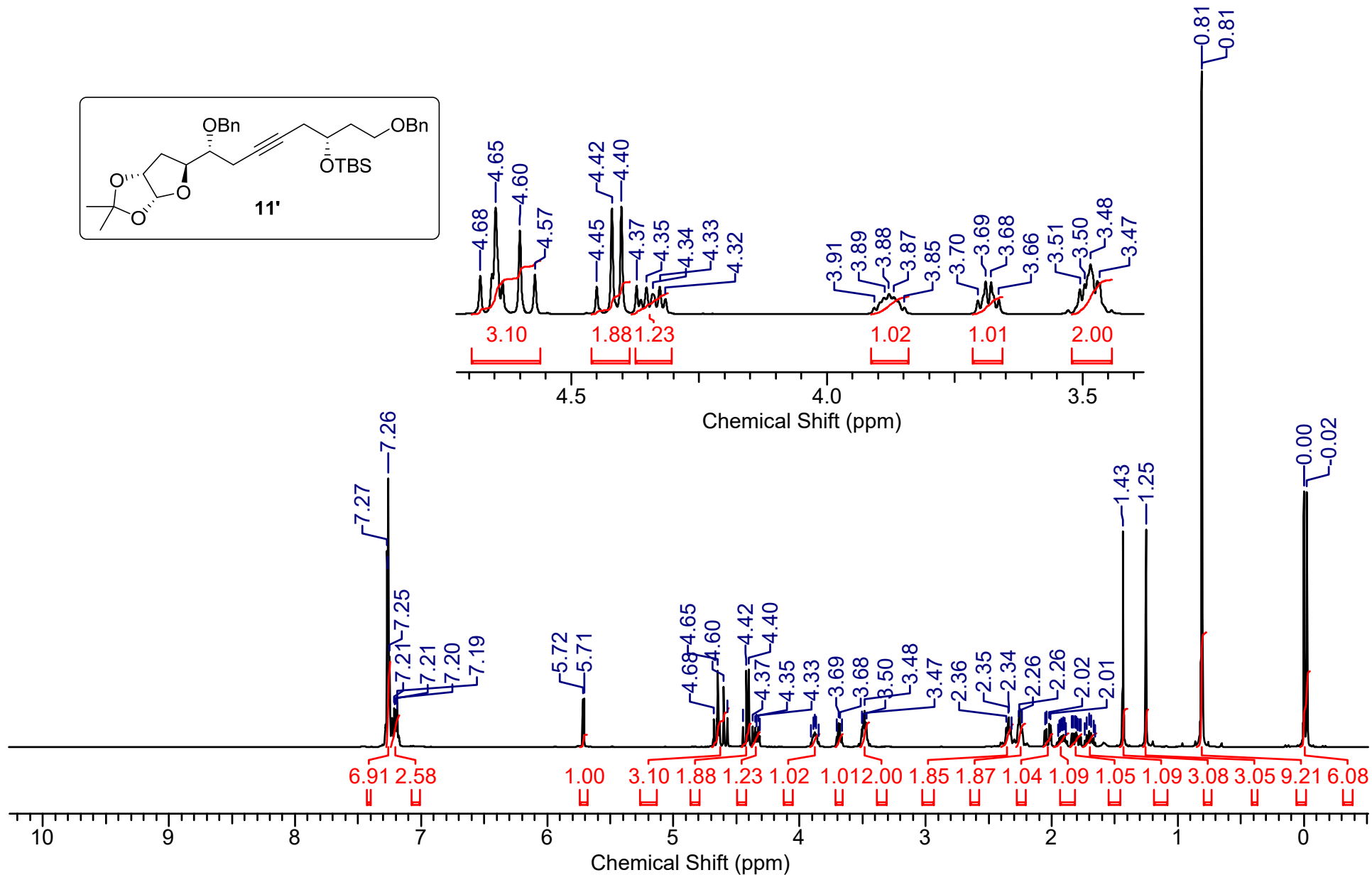
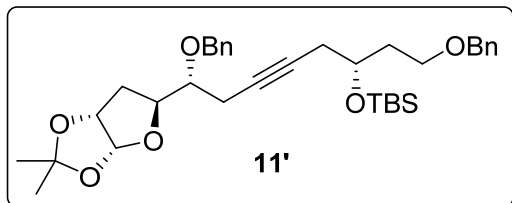


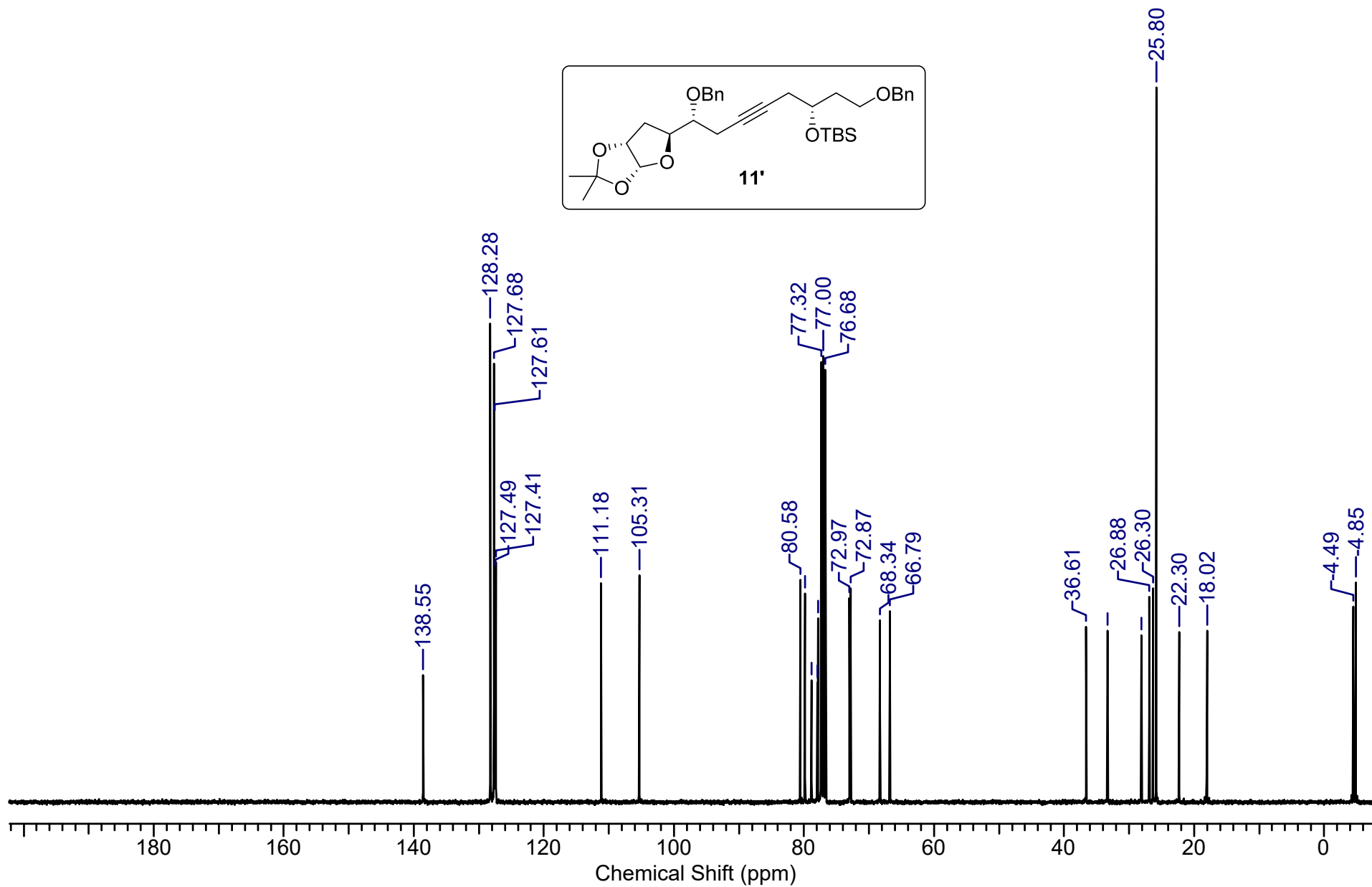
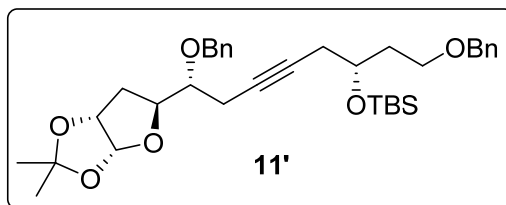


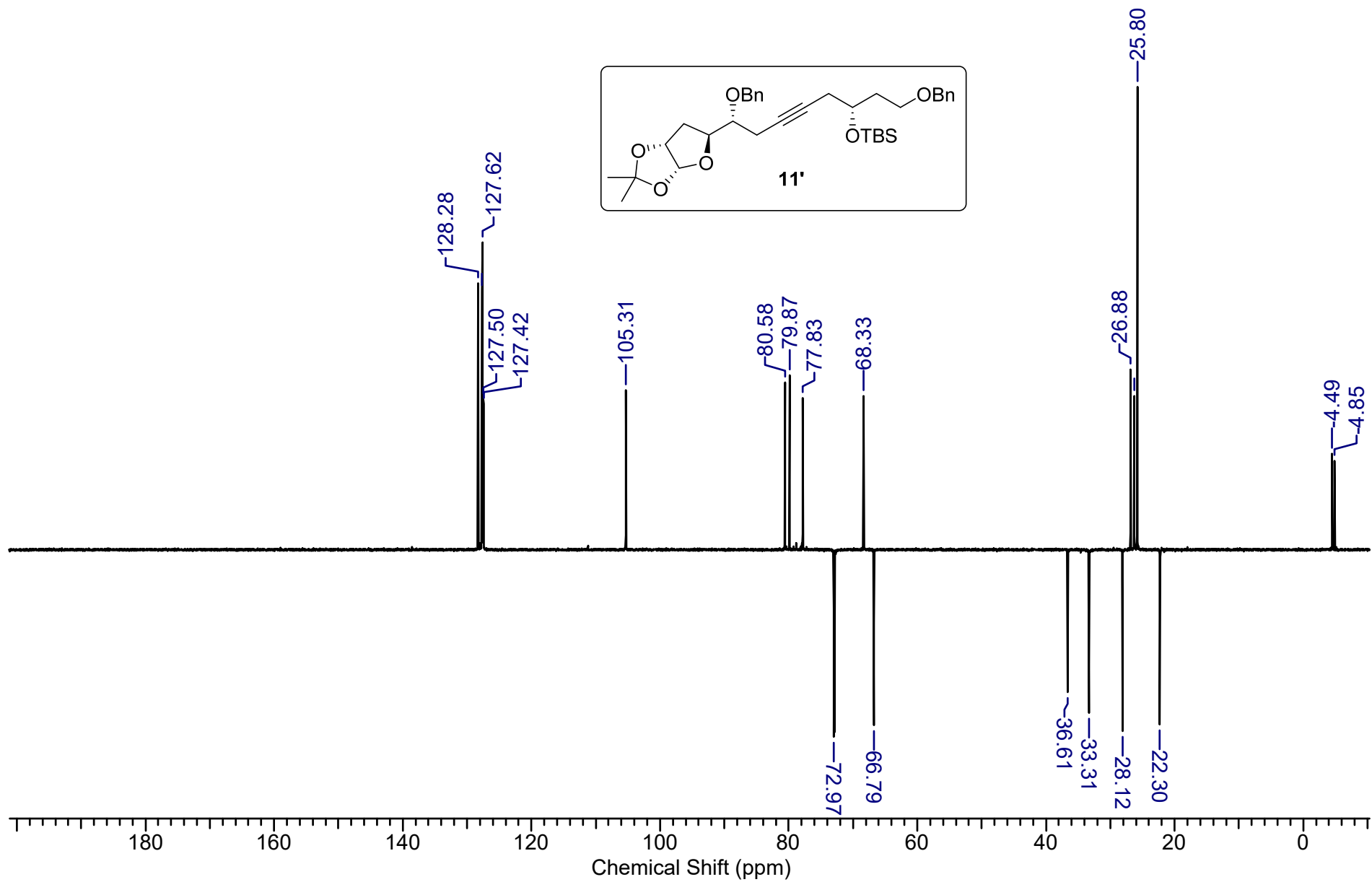








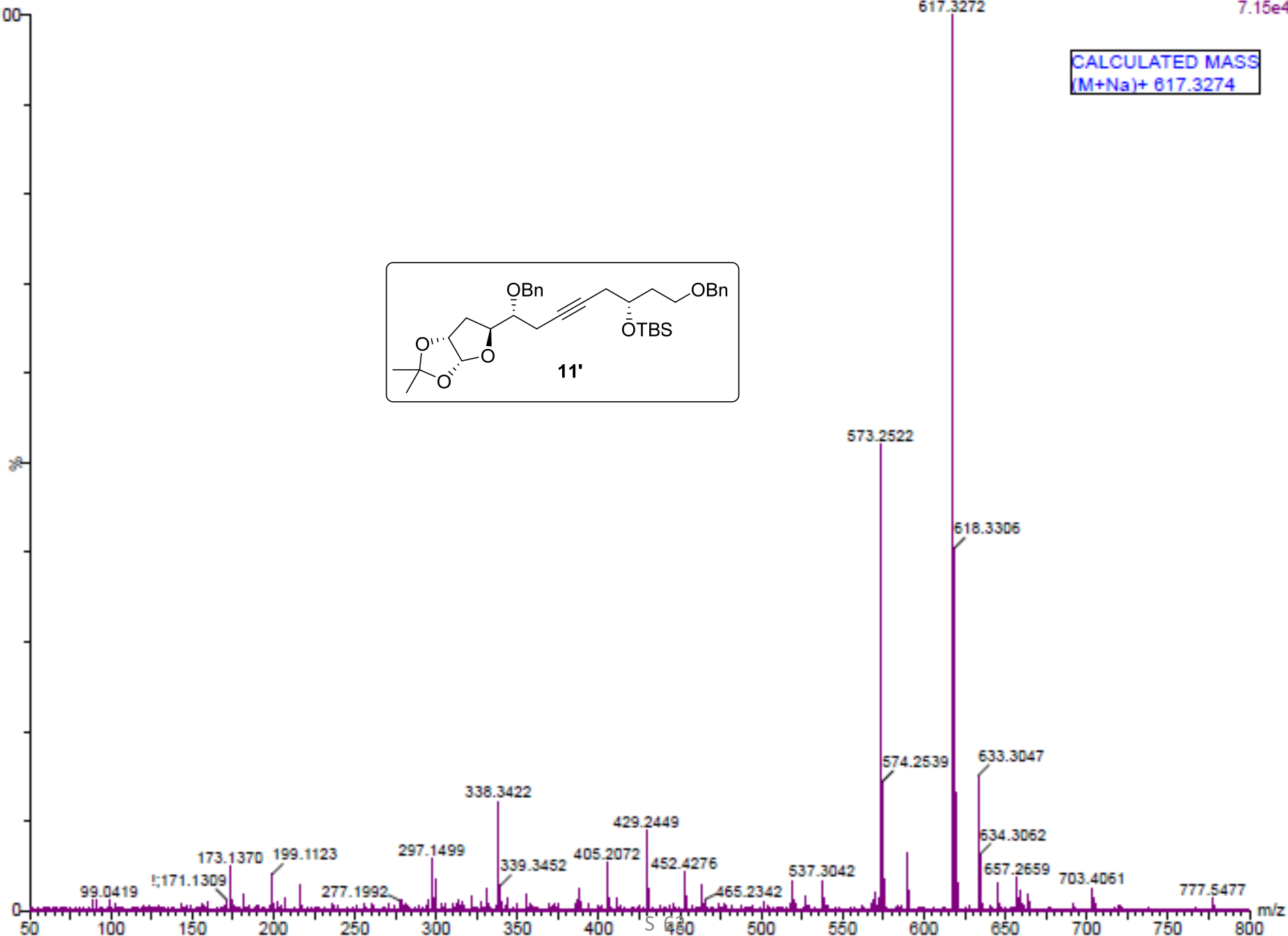
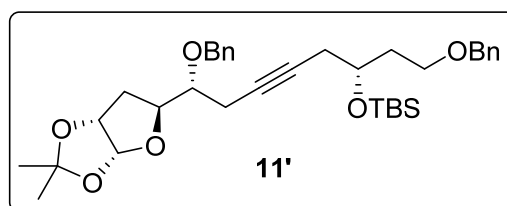


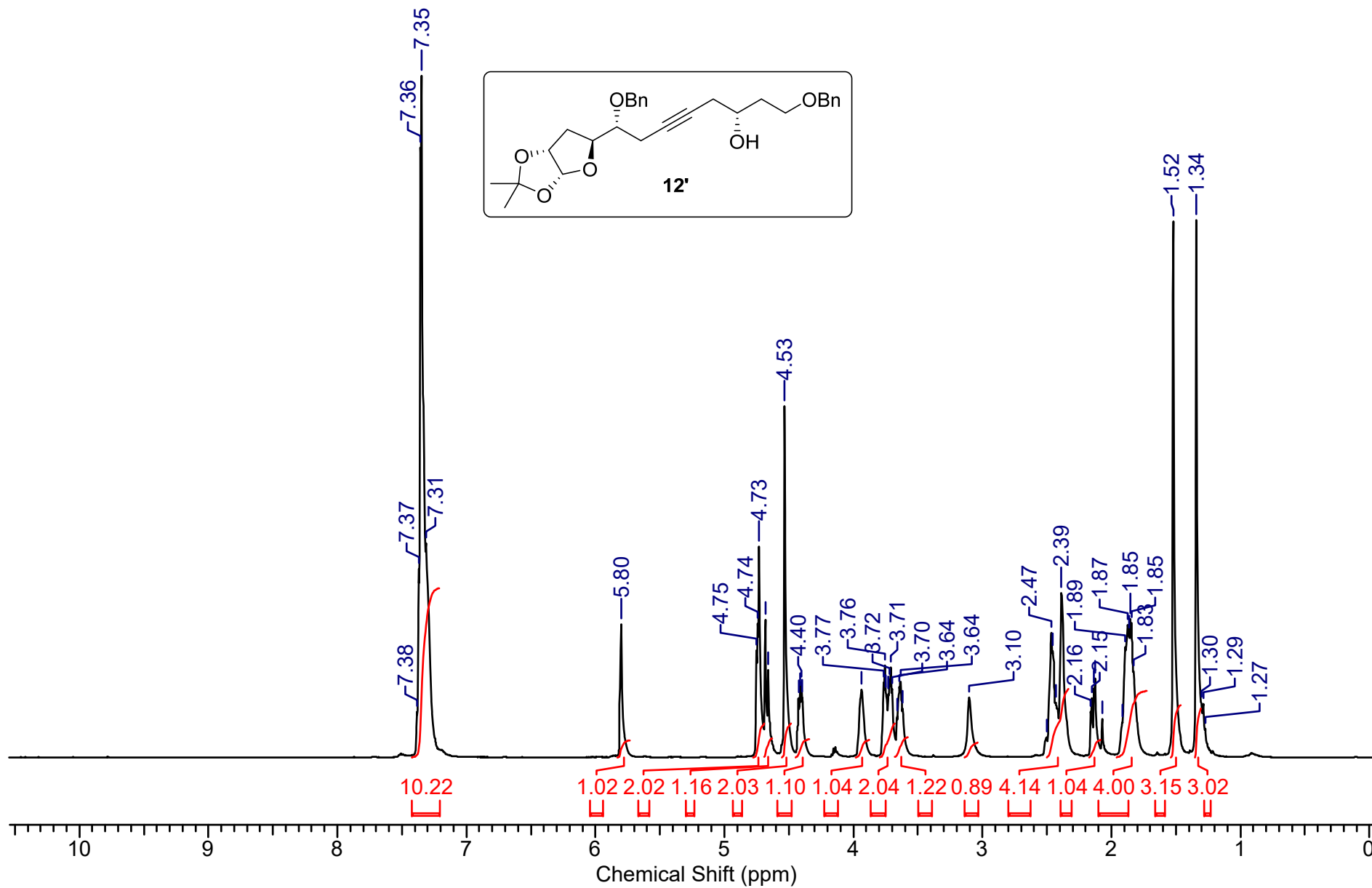


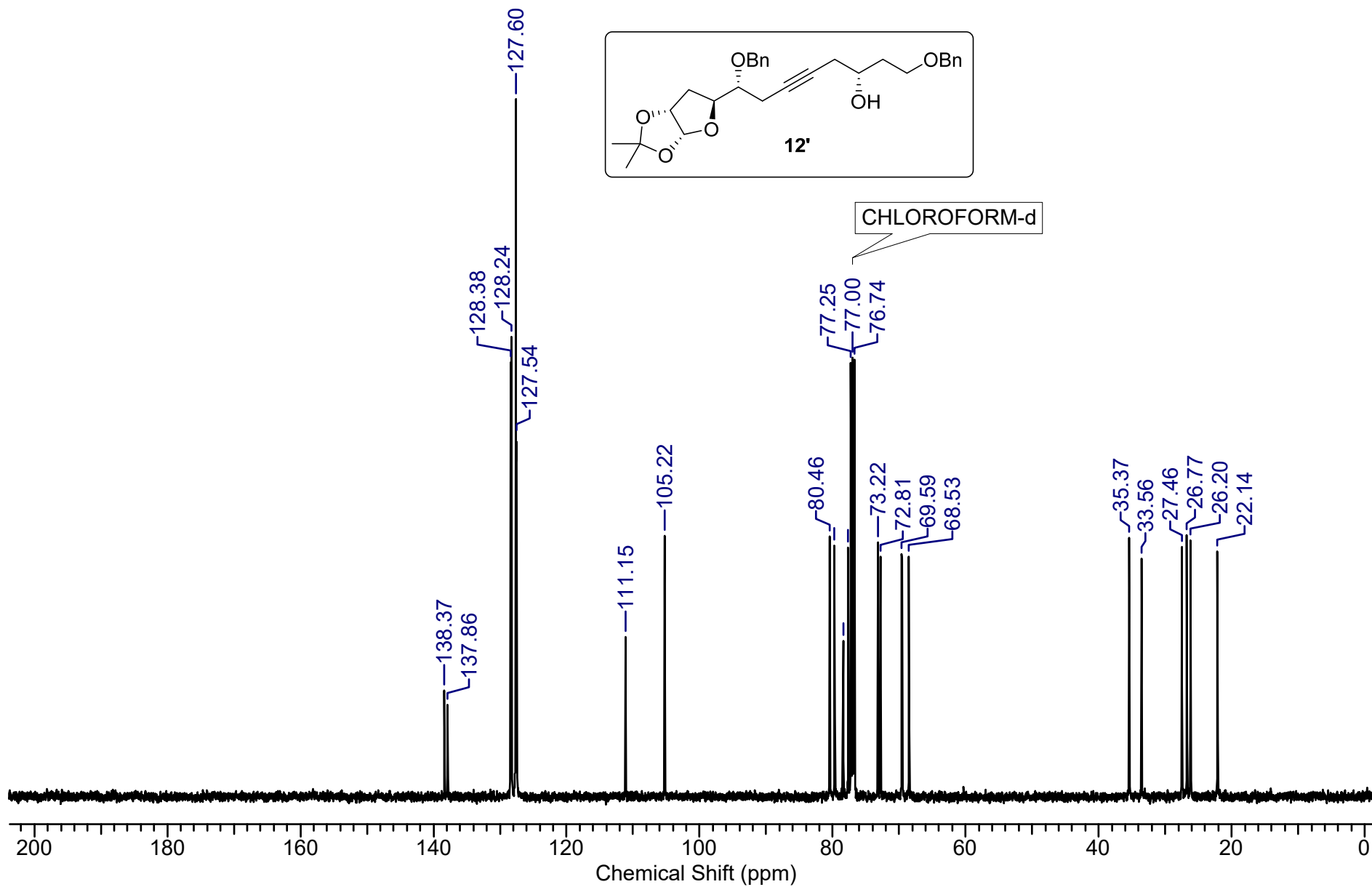
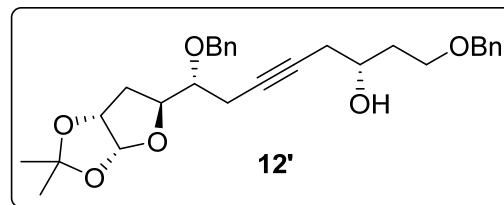
VVK 3 1 (0.052) AM2 (Ar,10000.0,556.28,0.00,LS 3); ABS; Sm (SG, 3x1.00)

1: TOF MS ES+  
7.15e4

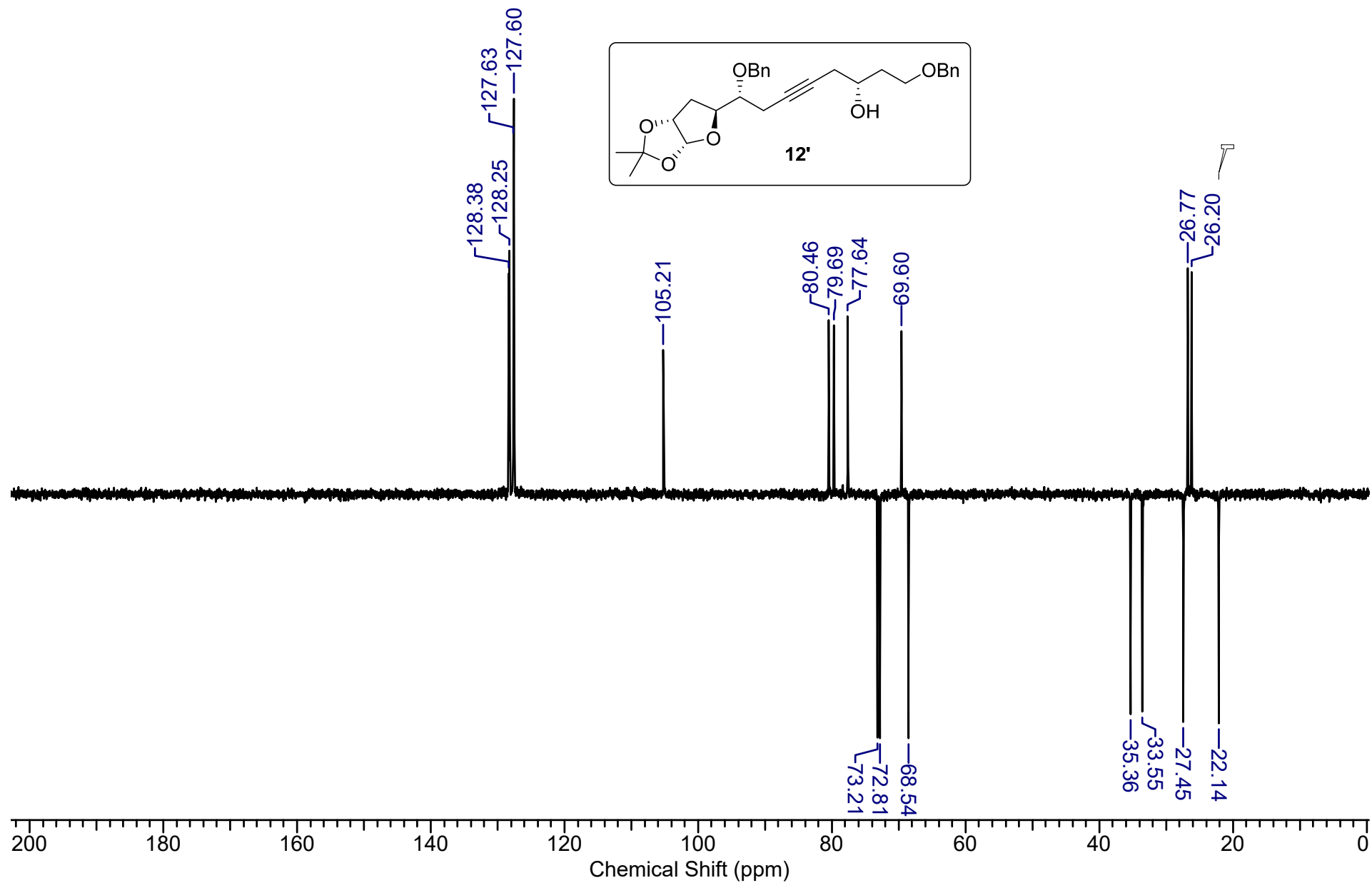
CALCULATED MASS  
(M+Na)+ 617.3274

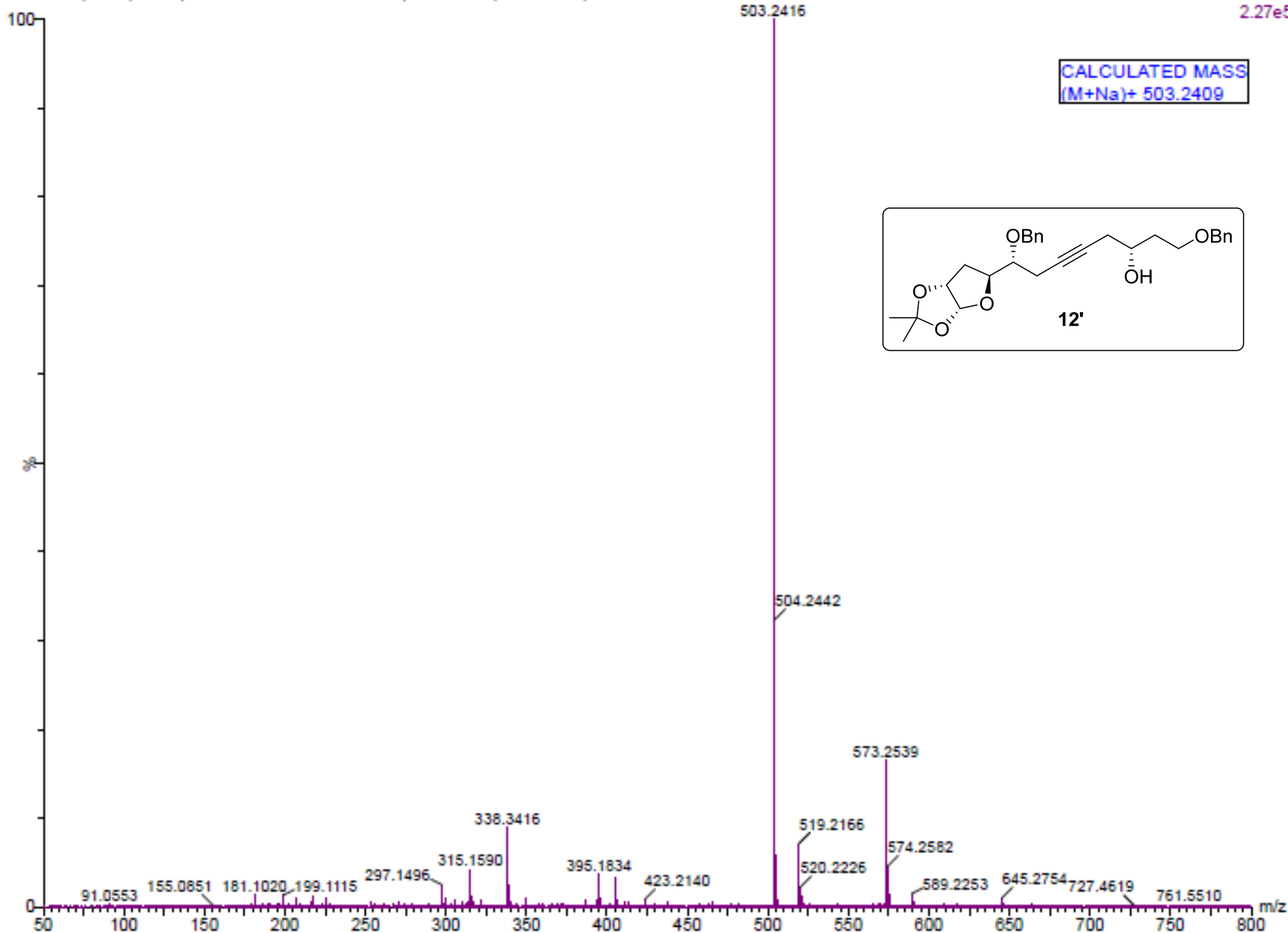


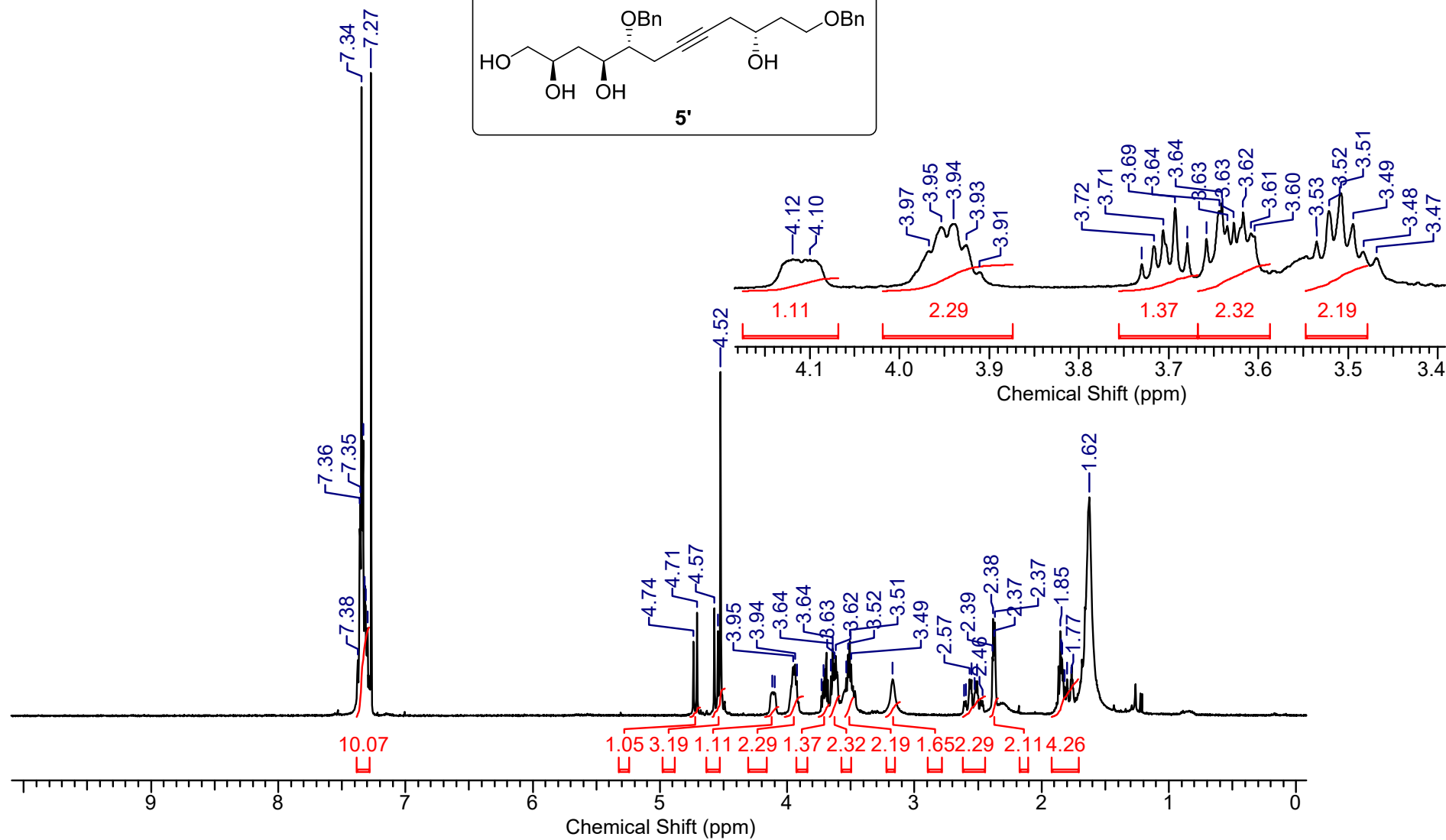
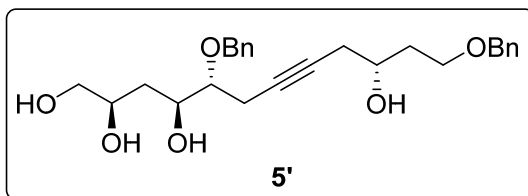


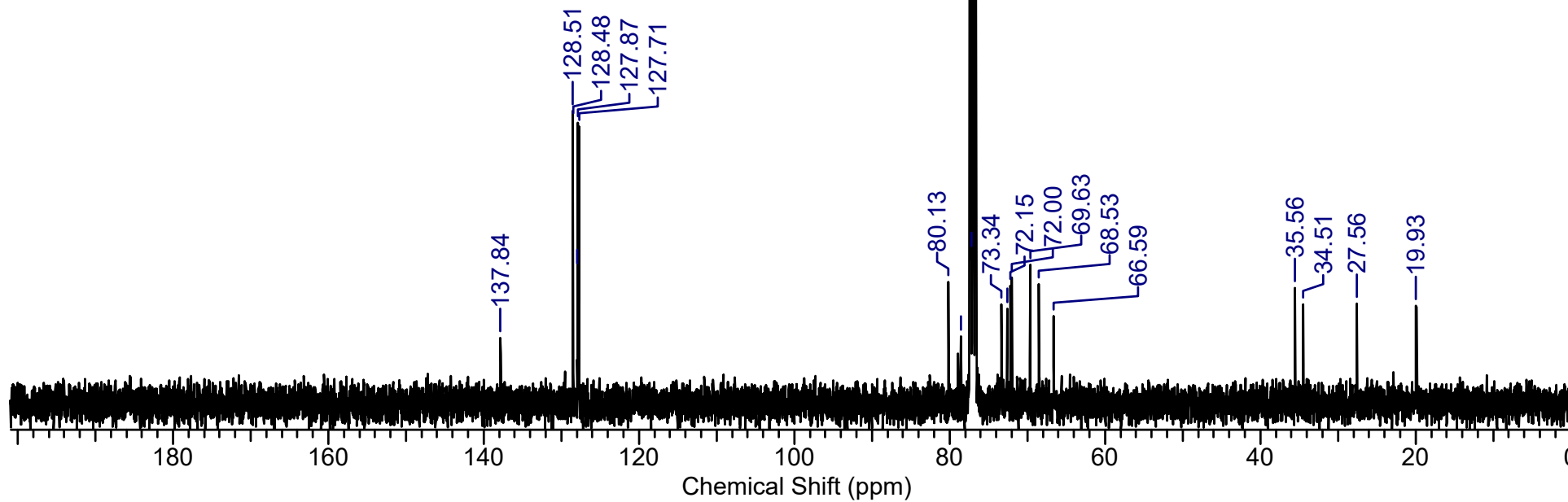
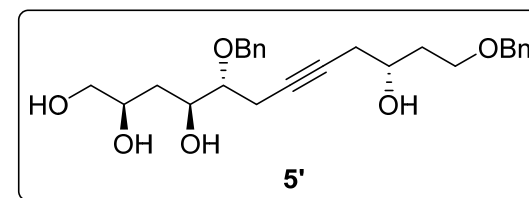
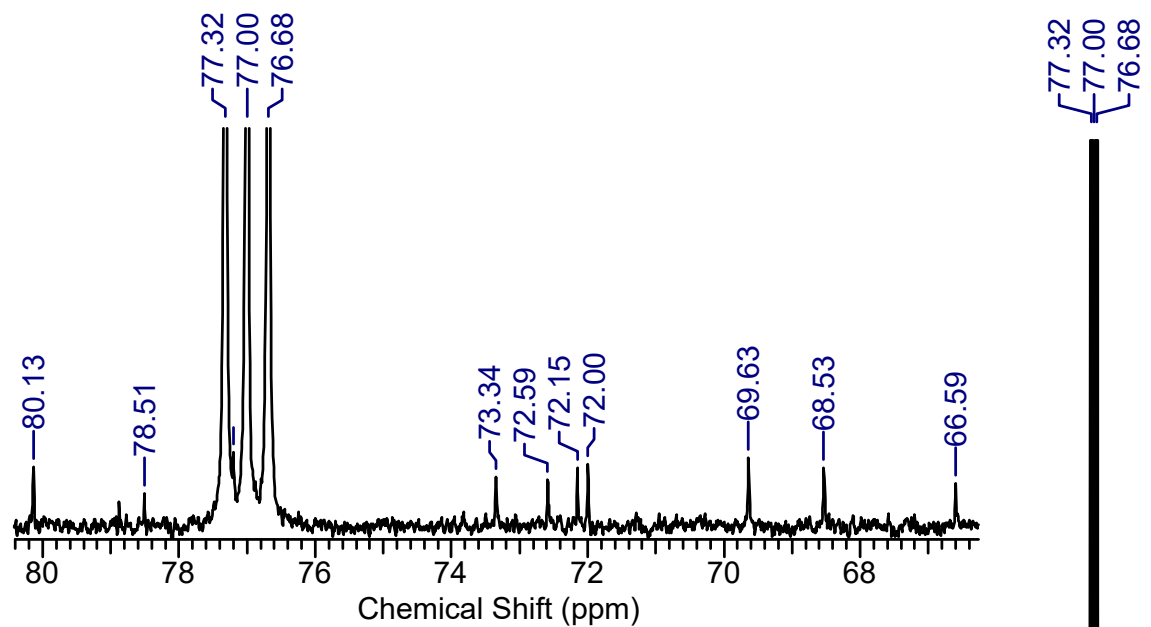


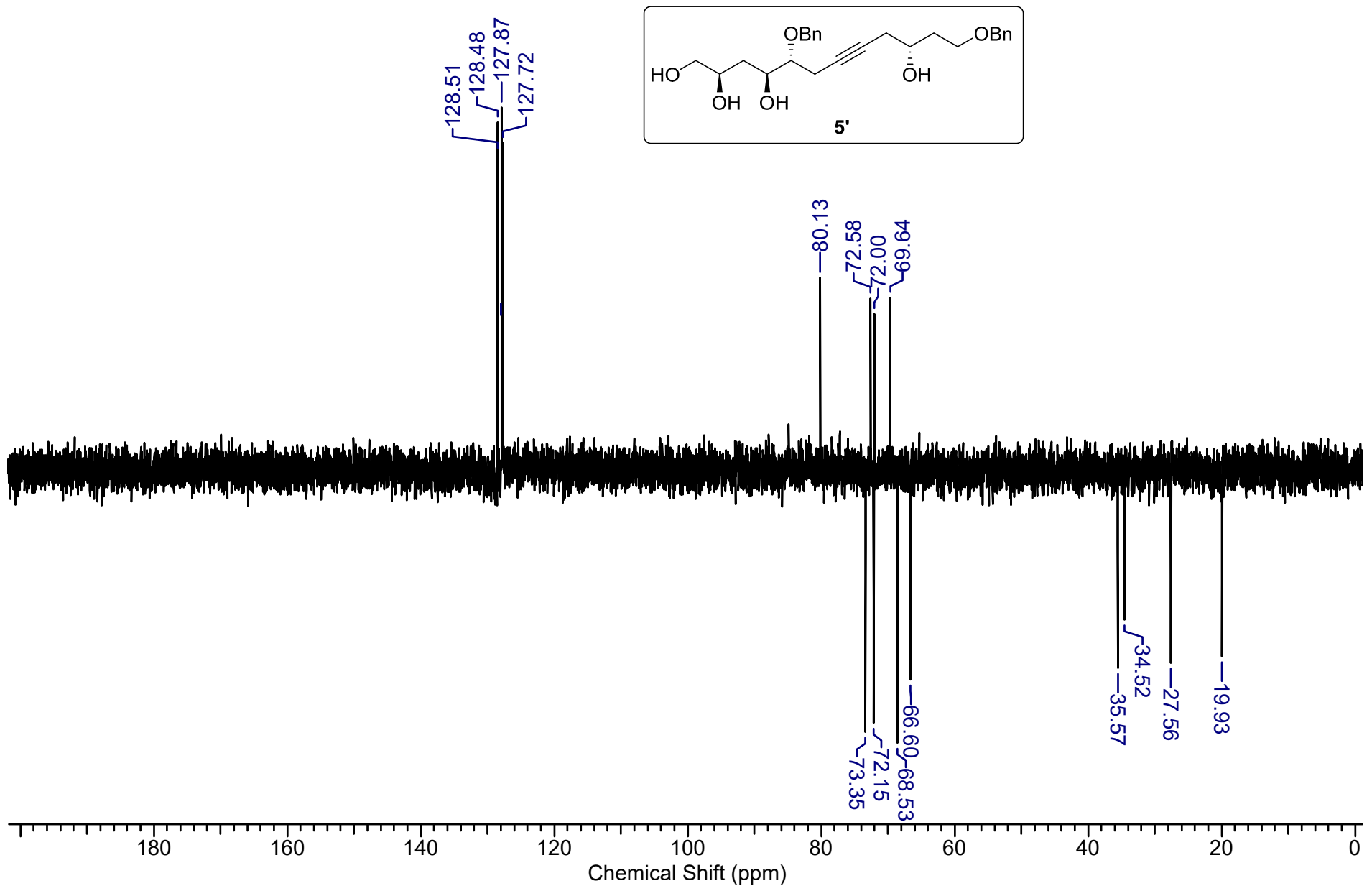




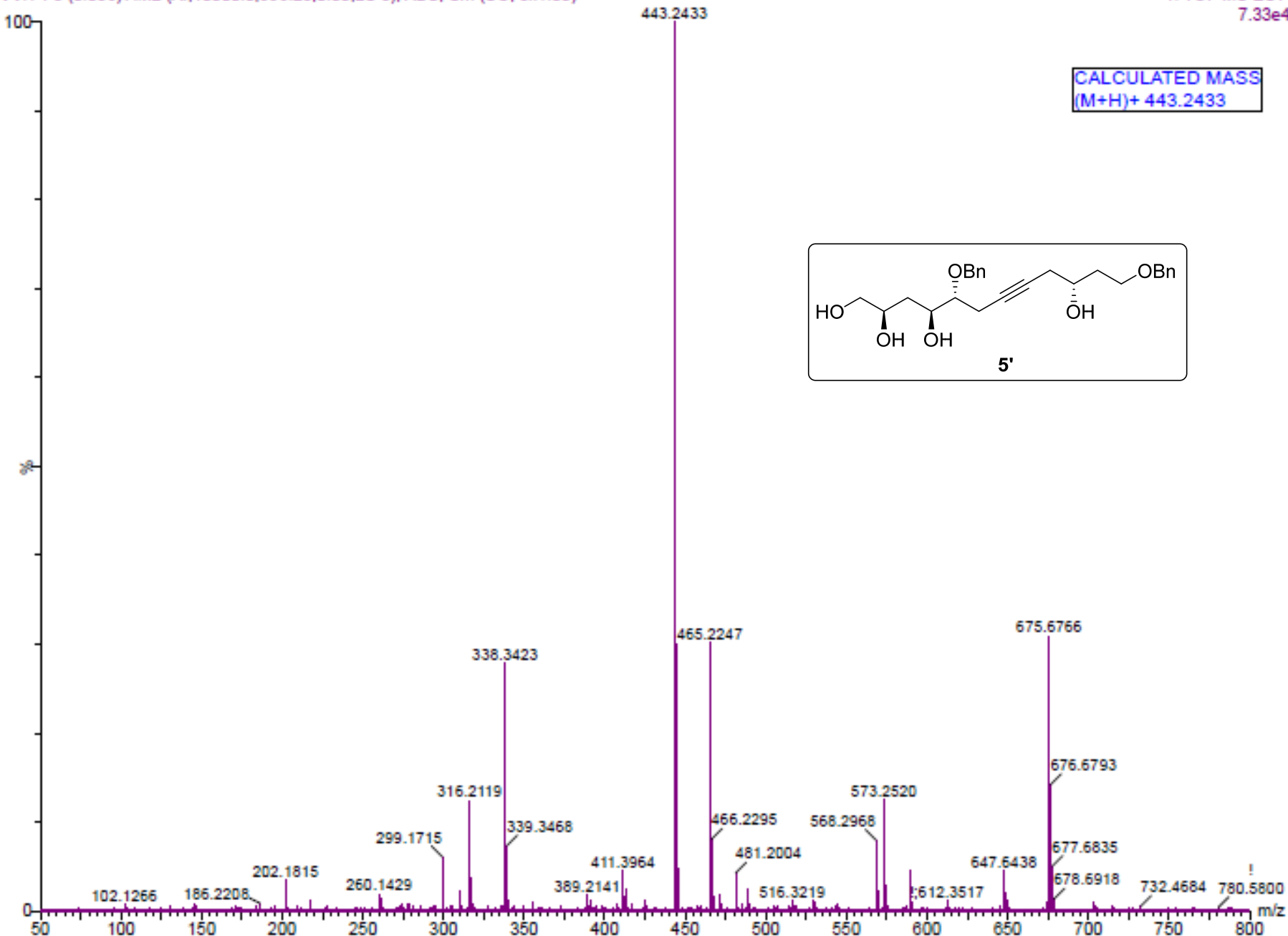
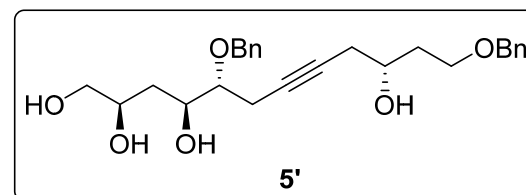


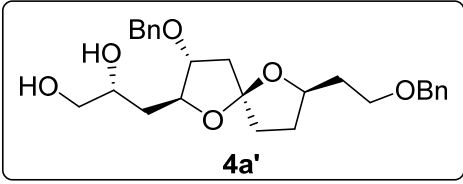




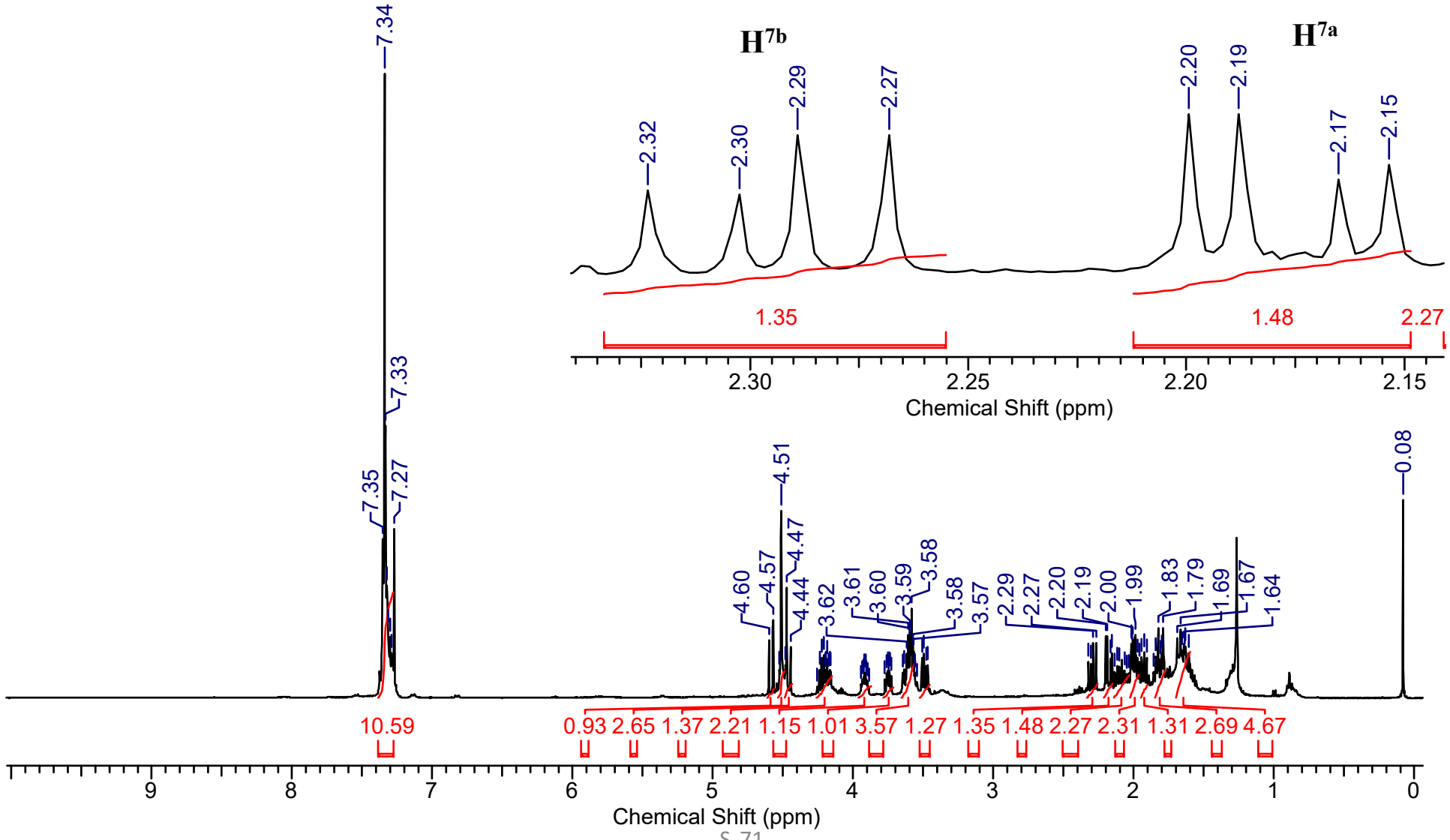


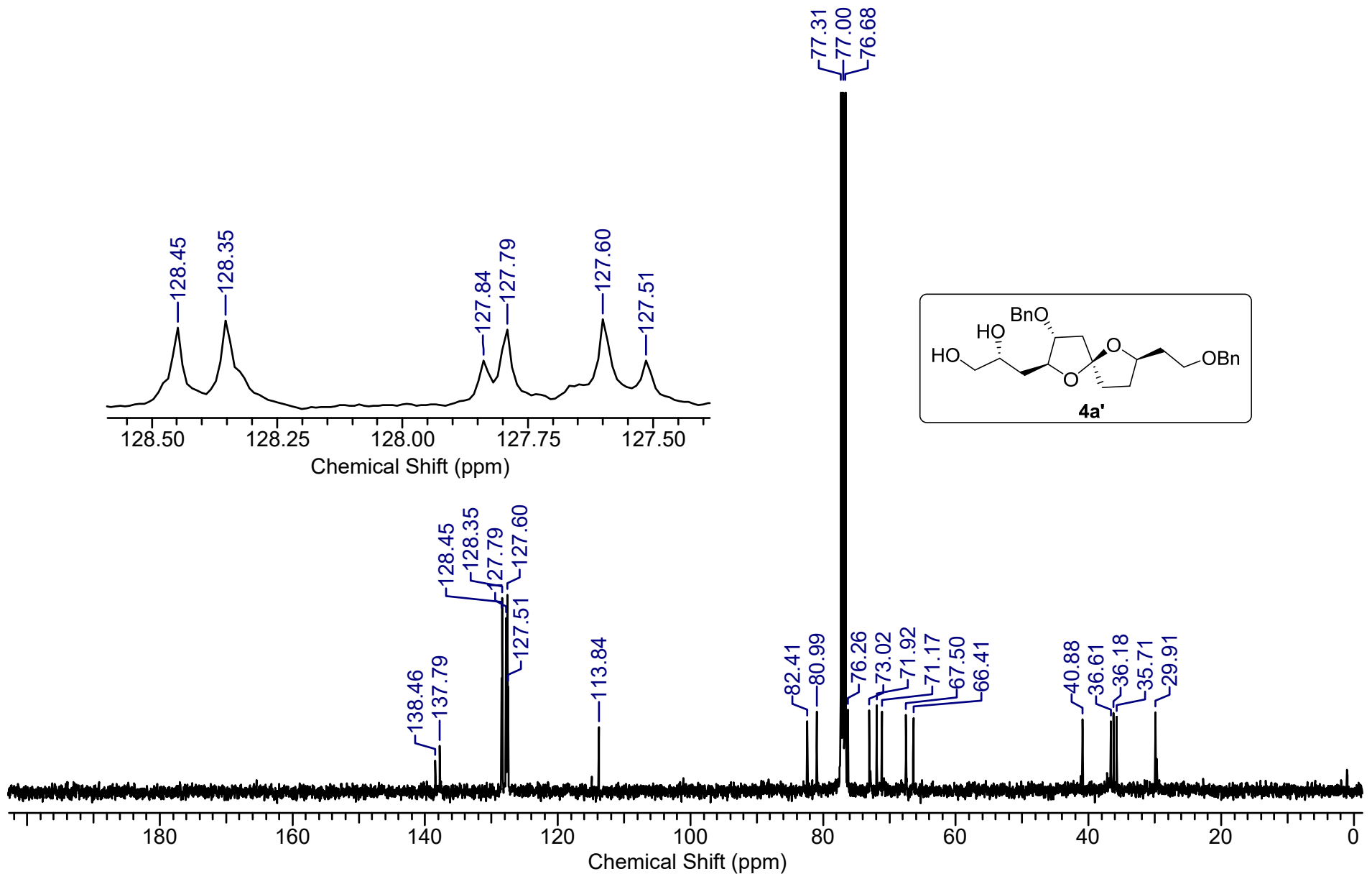
CALCULATED MASS  
(M+H)+ 443.2433



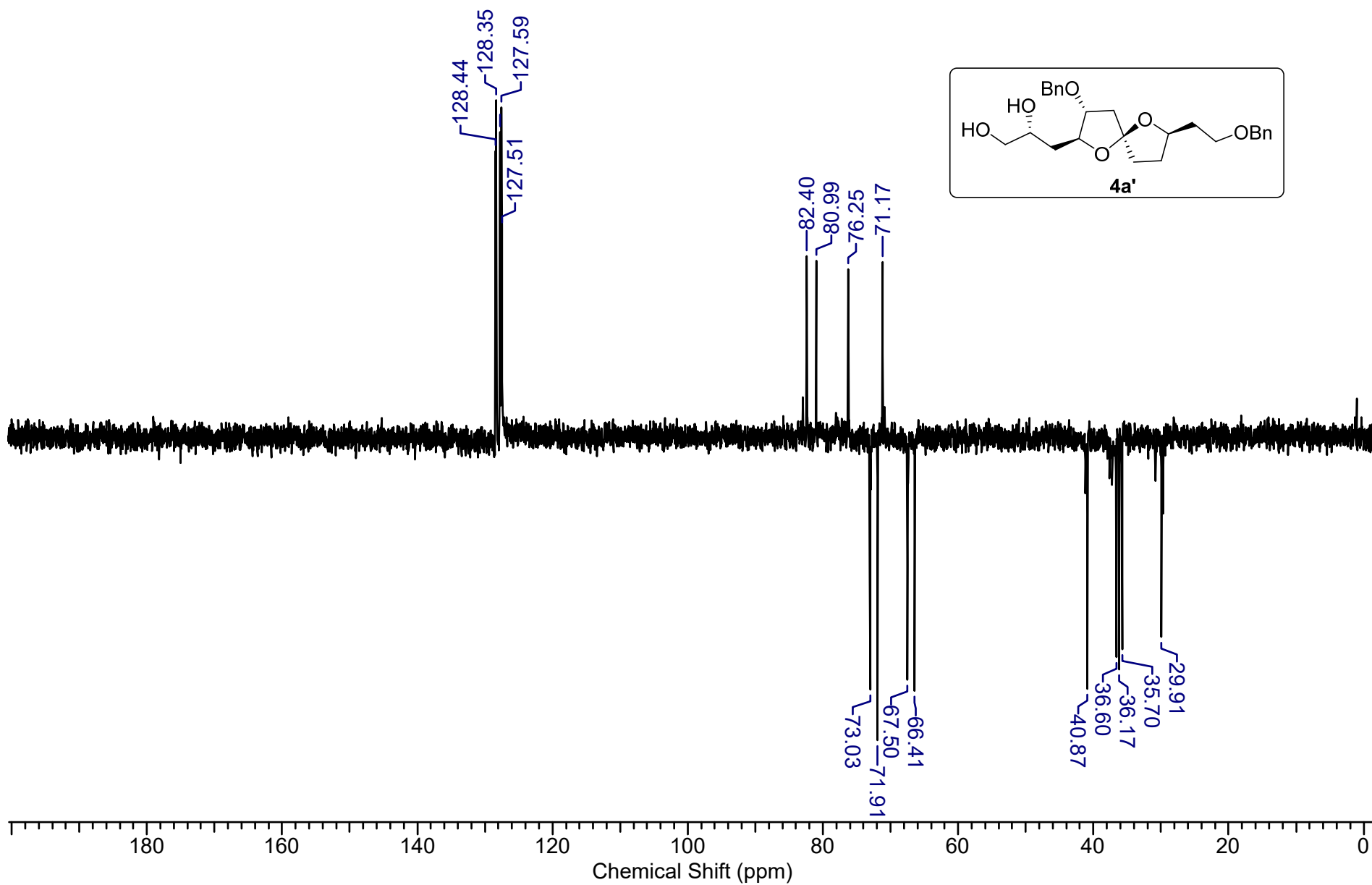


CHLOROFORM-d

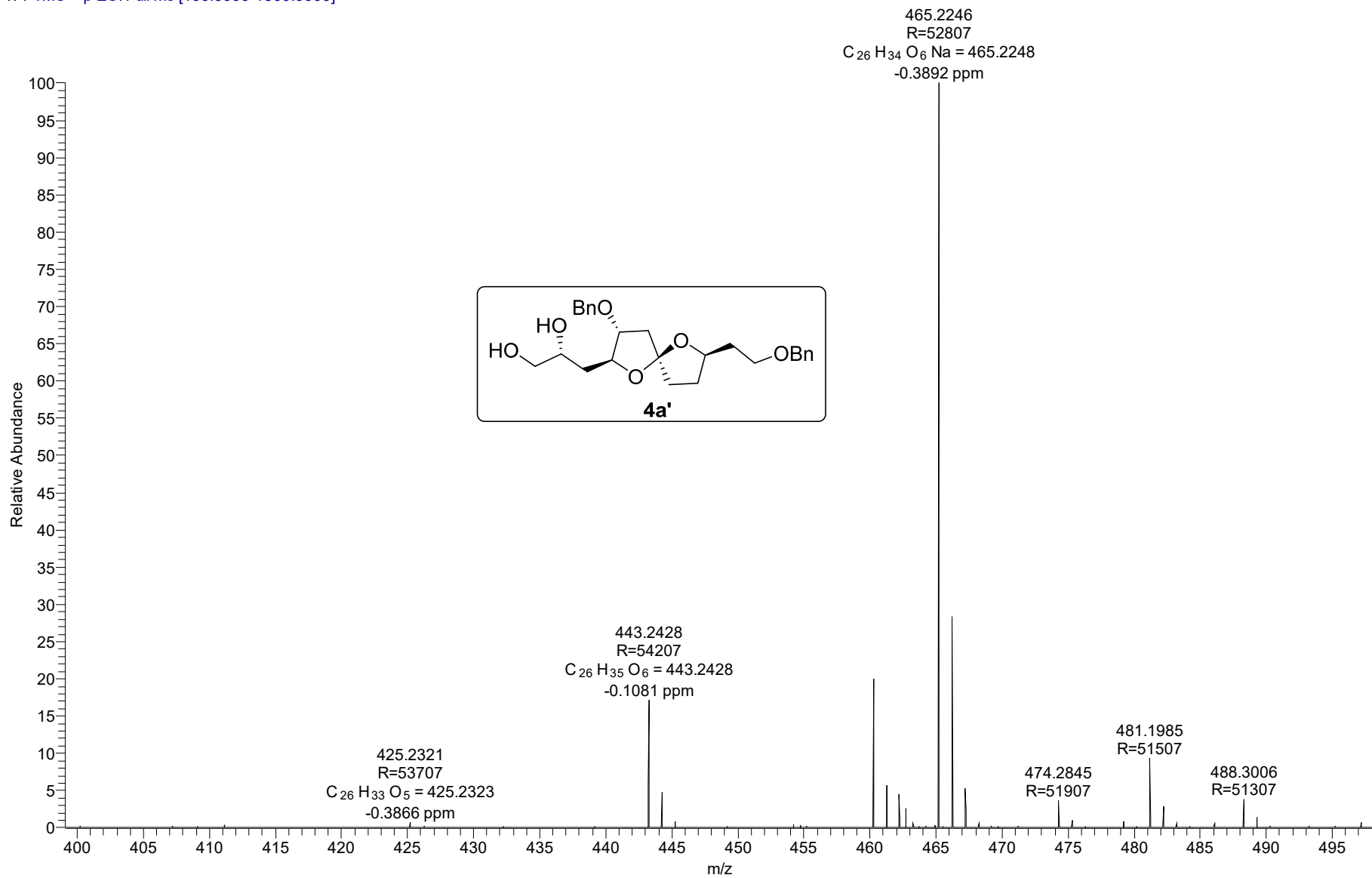


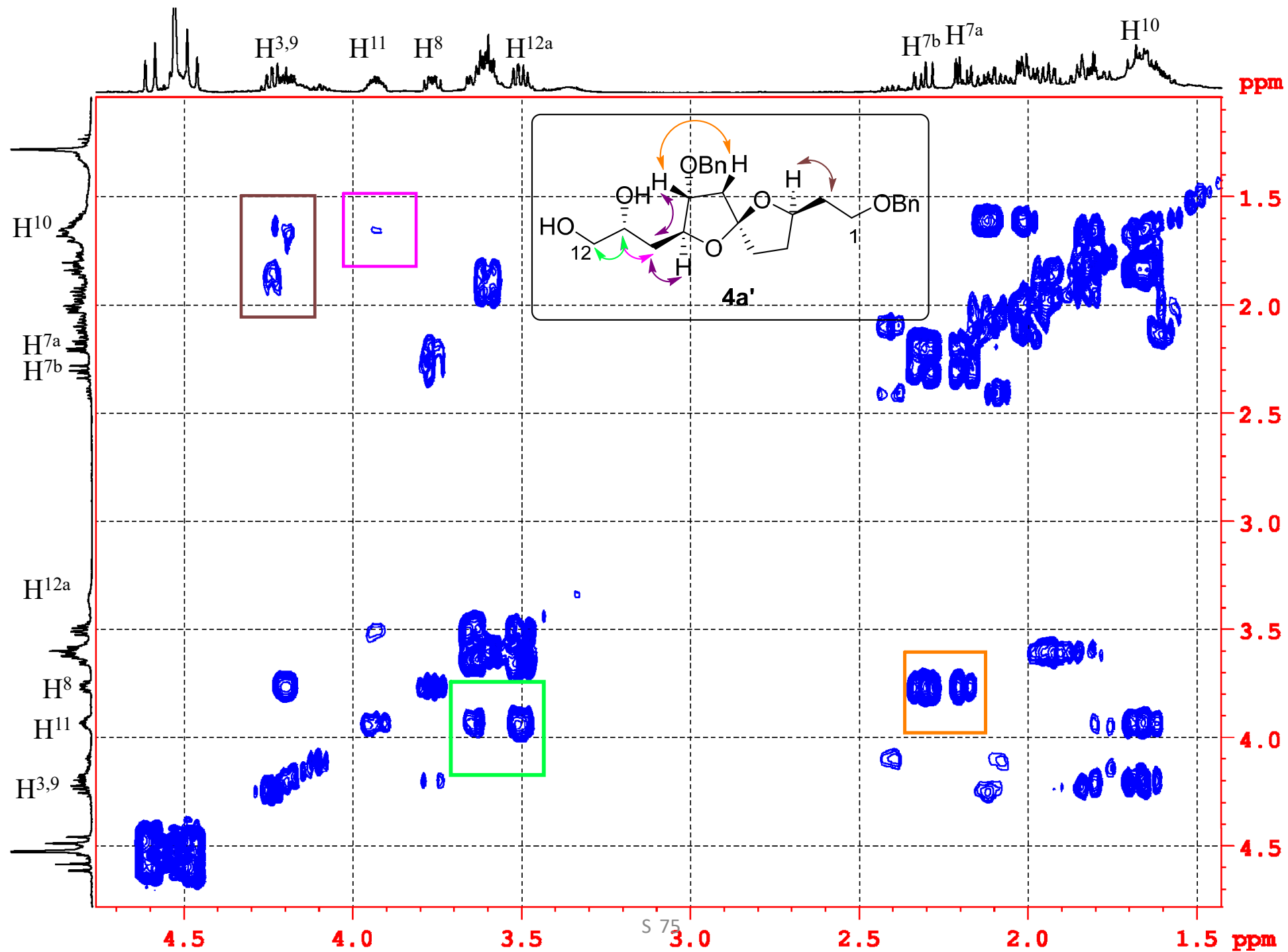


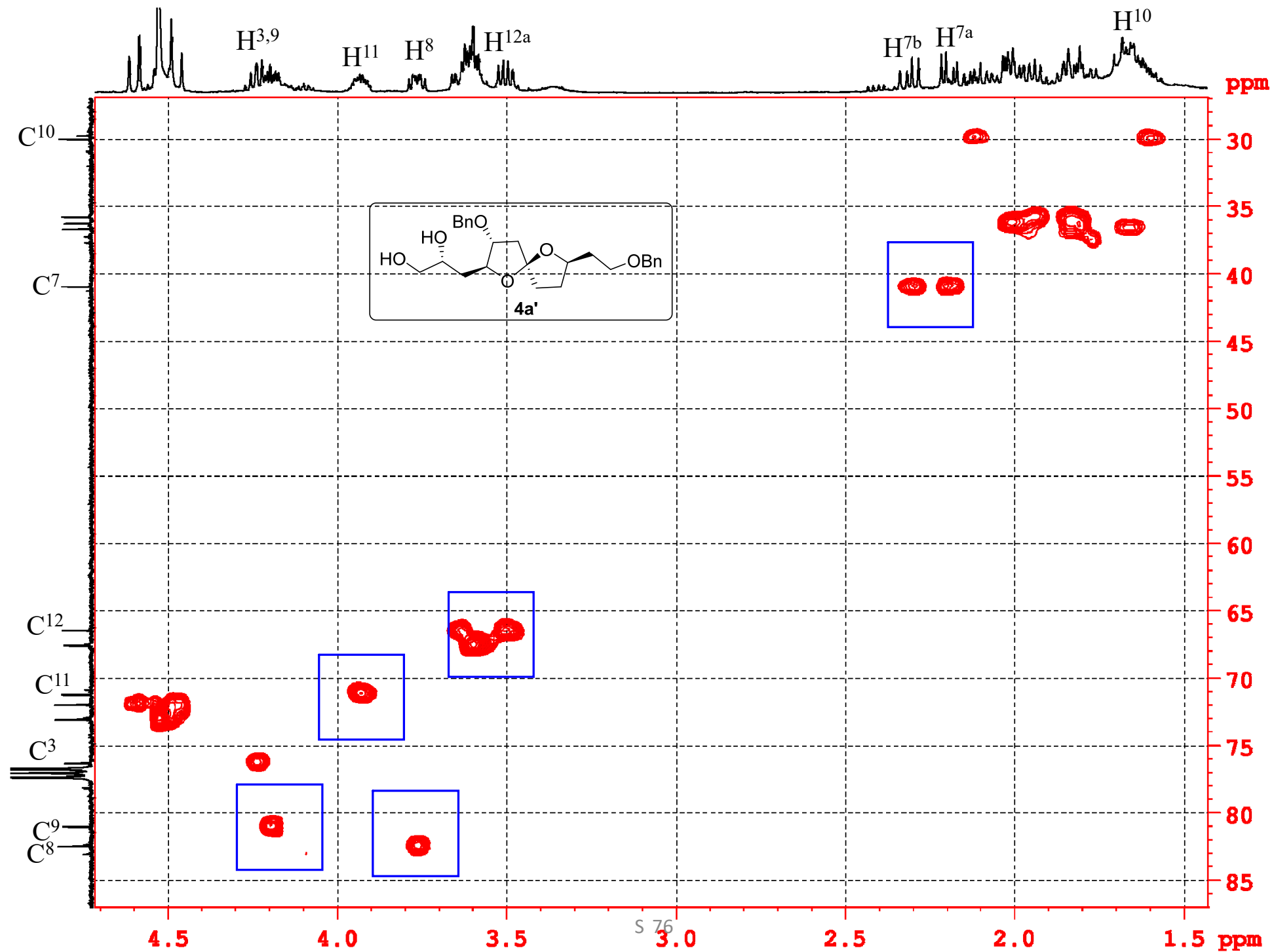


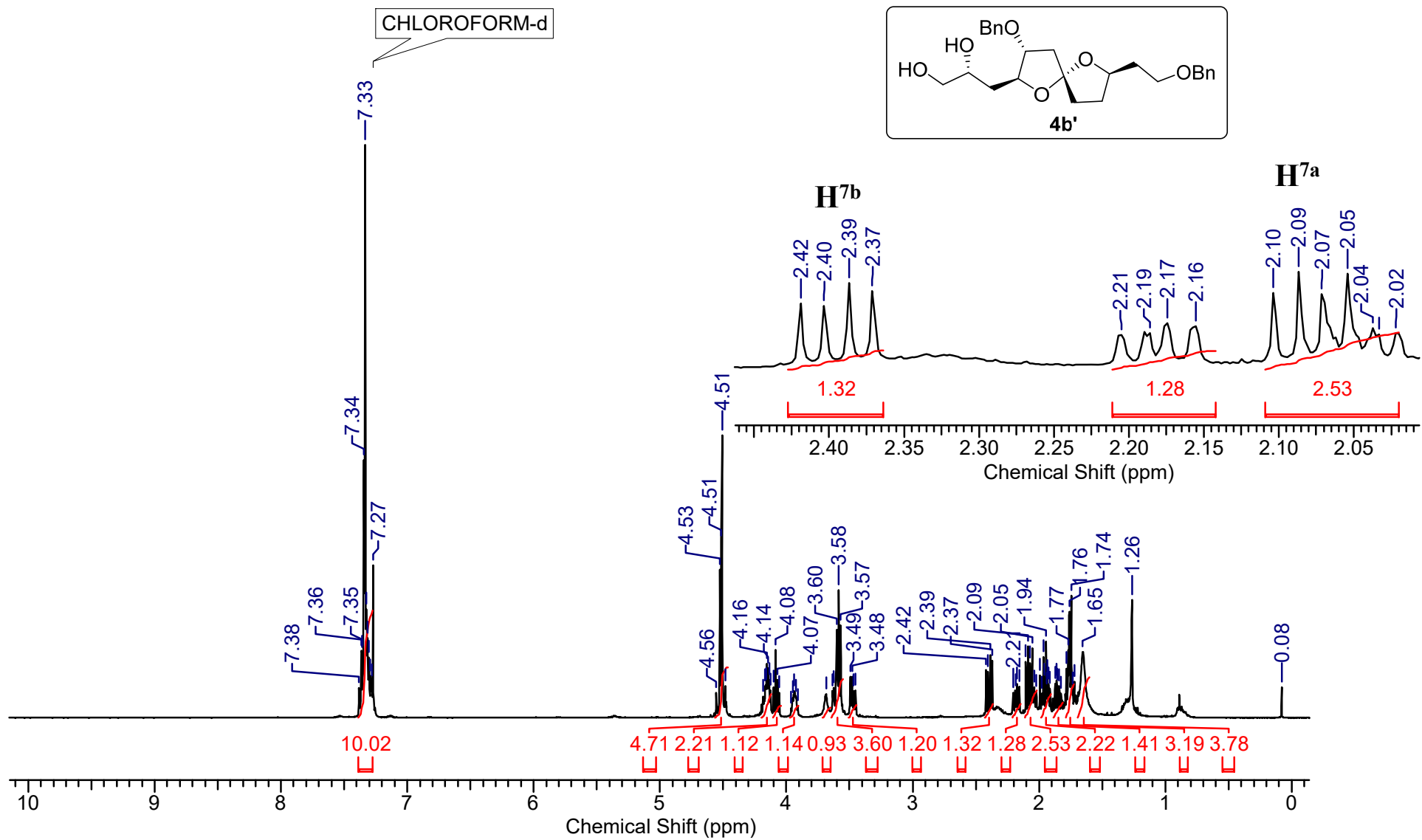


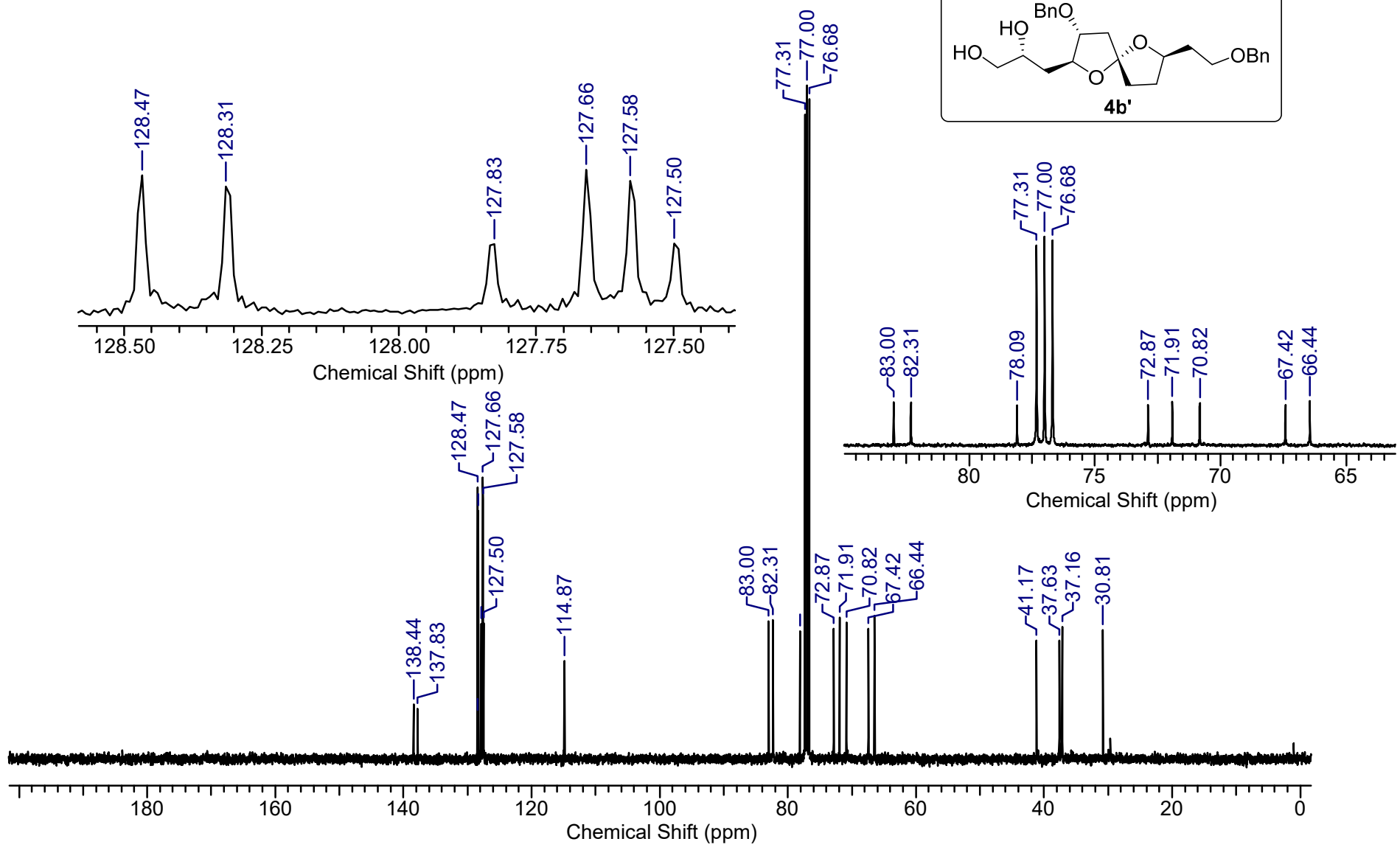
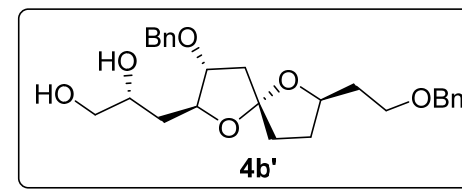
MS-10 #481 RT: 2.87 AV: 1 NL: 1.05E8  
T: FTMS + p ESI Full ms [100.0000-1500.0000]

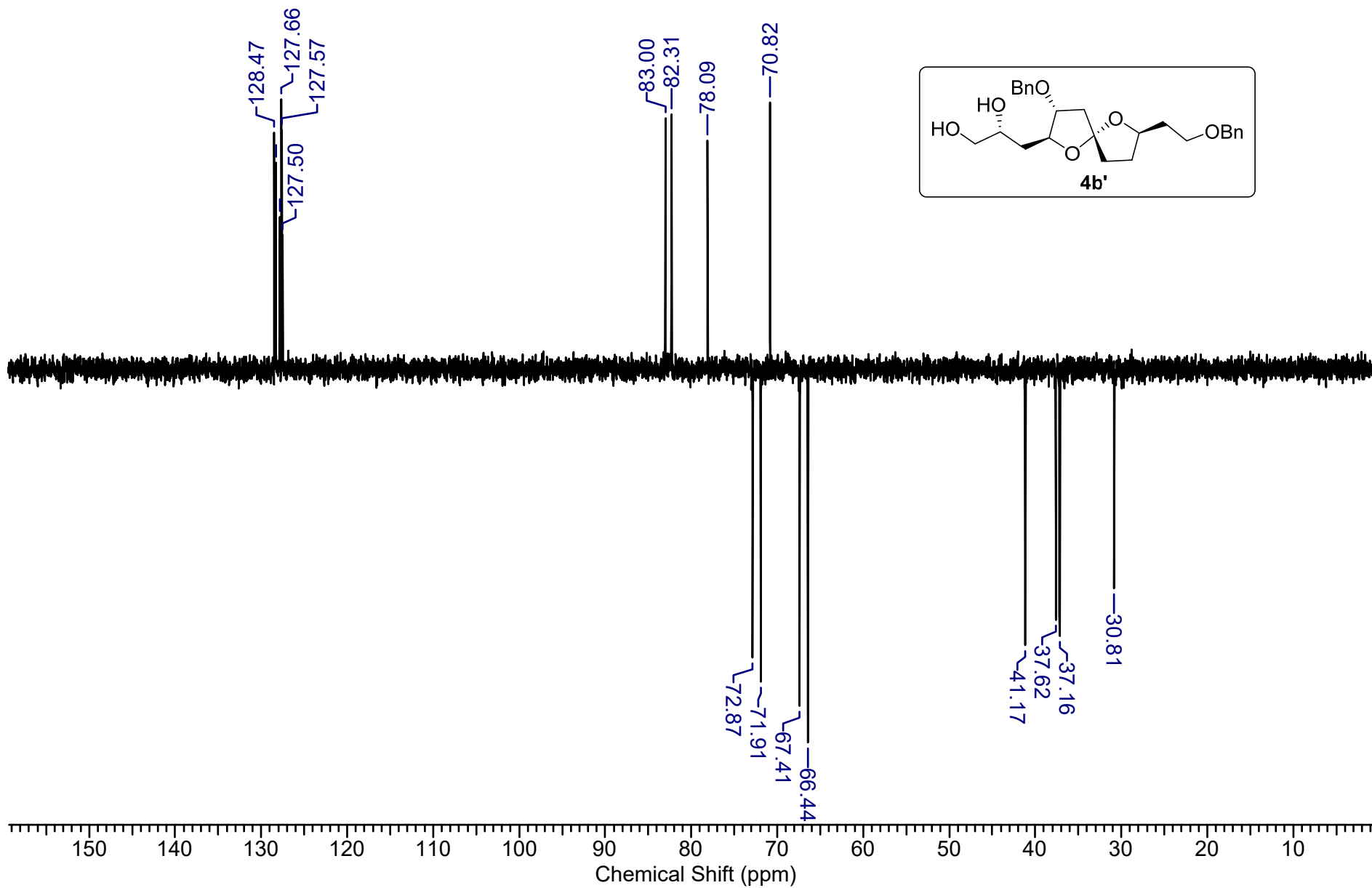












MS-10 #439 RT: 2.65 AV: 1 NL: 1.56E8  
T: FTMS + p ESI Full ms [100.0000-1500.0000]

