

Supporting Information for

Dissection of the effects that govern thioglucoside and thiomannoside reactivity

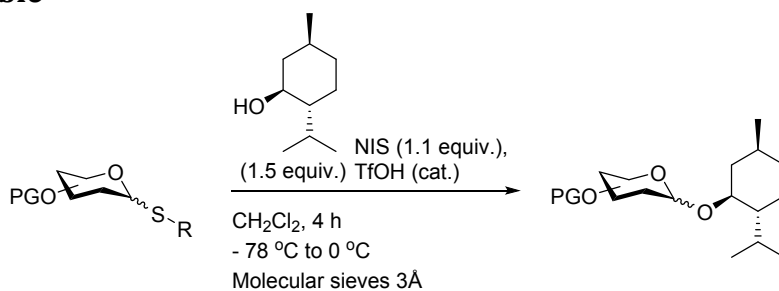
Mads Heuckendorff, Lulu Teresa Poulsen, Christinne Hedberg and Henrik H. Jensen*

Contribution from the Department of Chemistry, Aarhus University, Langelandsgade 140

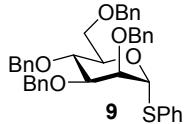
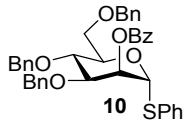
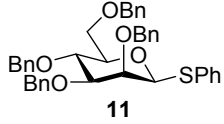
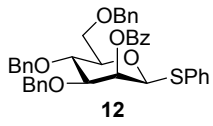
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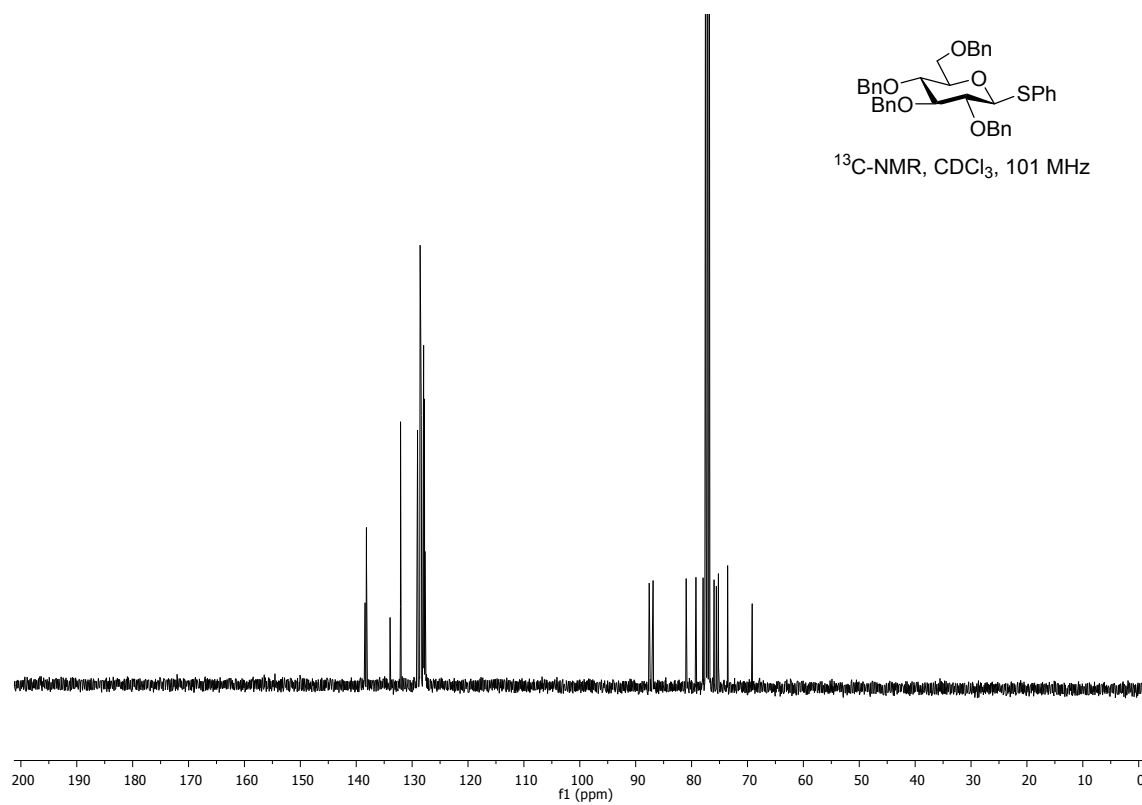
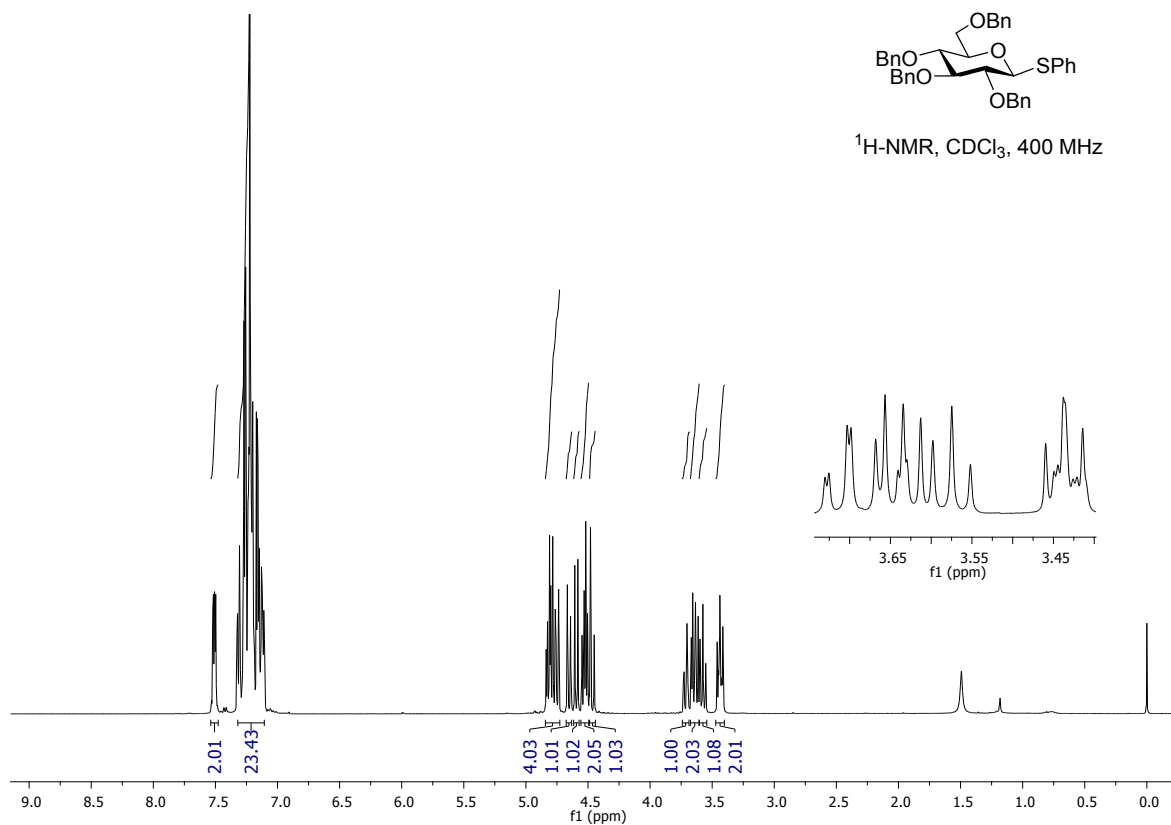
Glycosylation Table

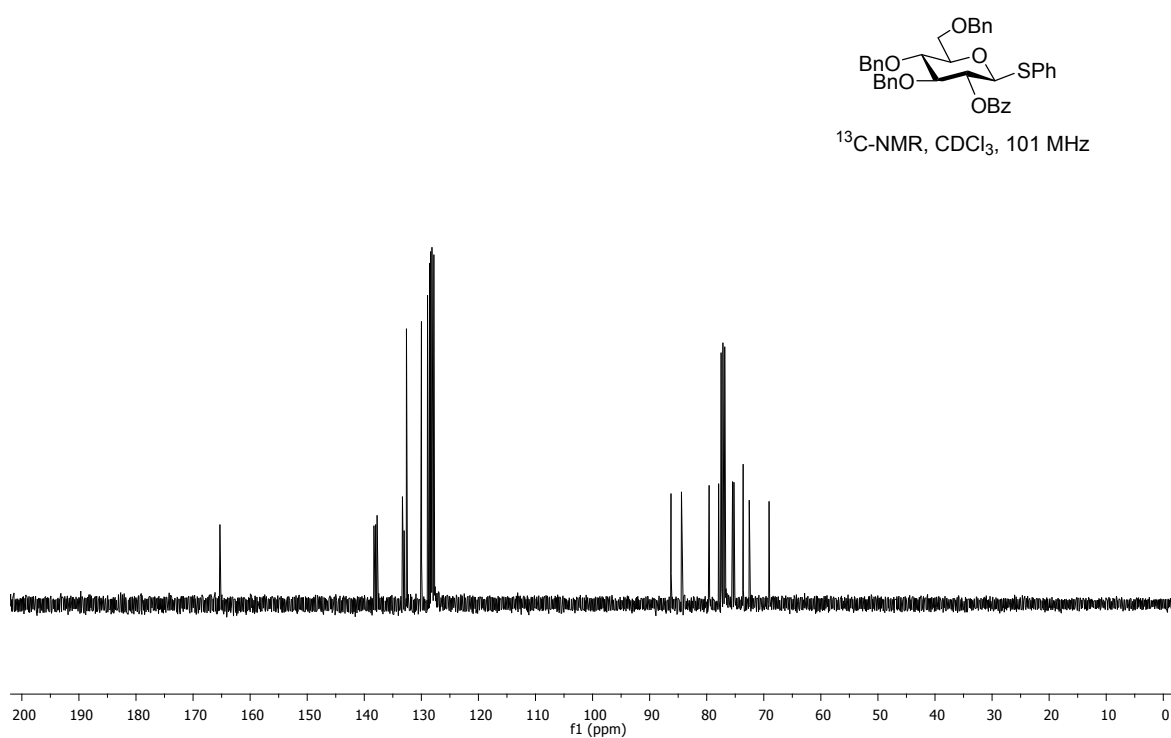
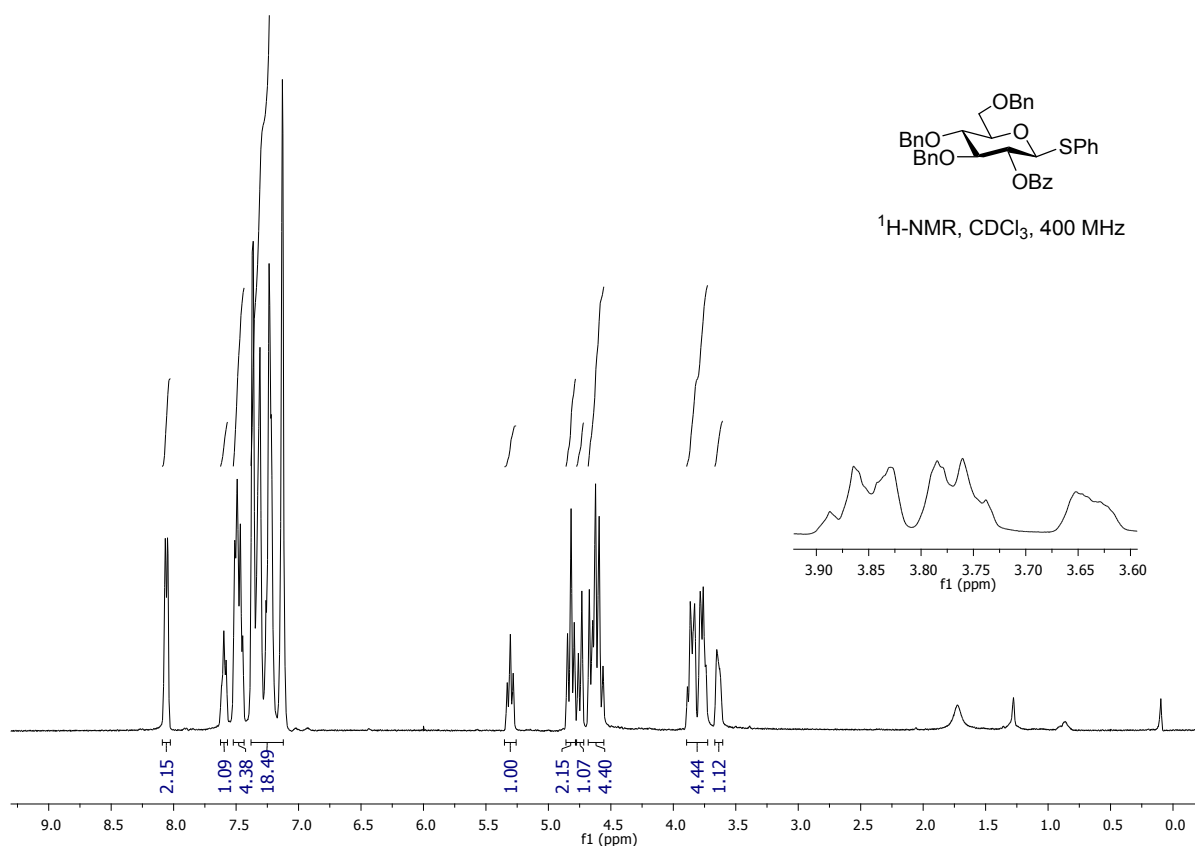


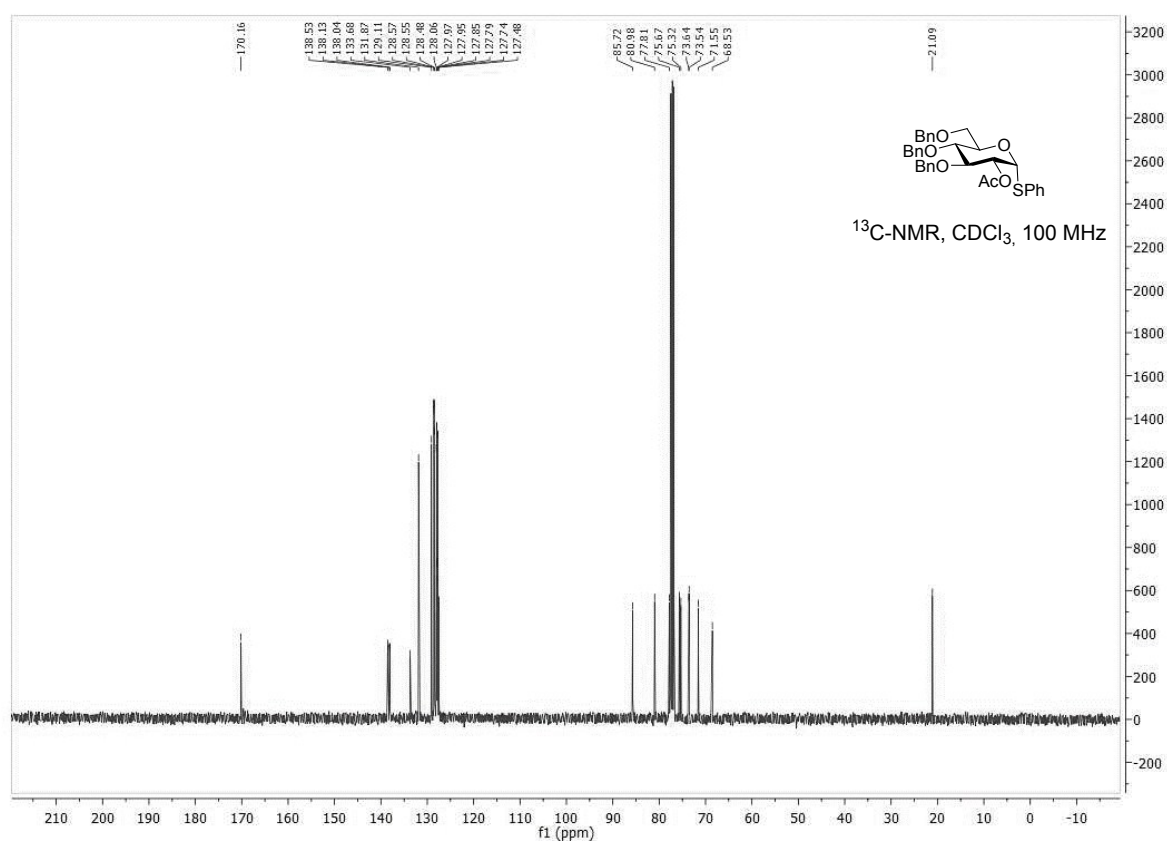
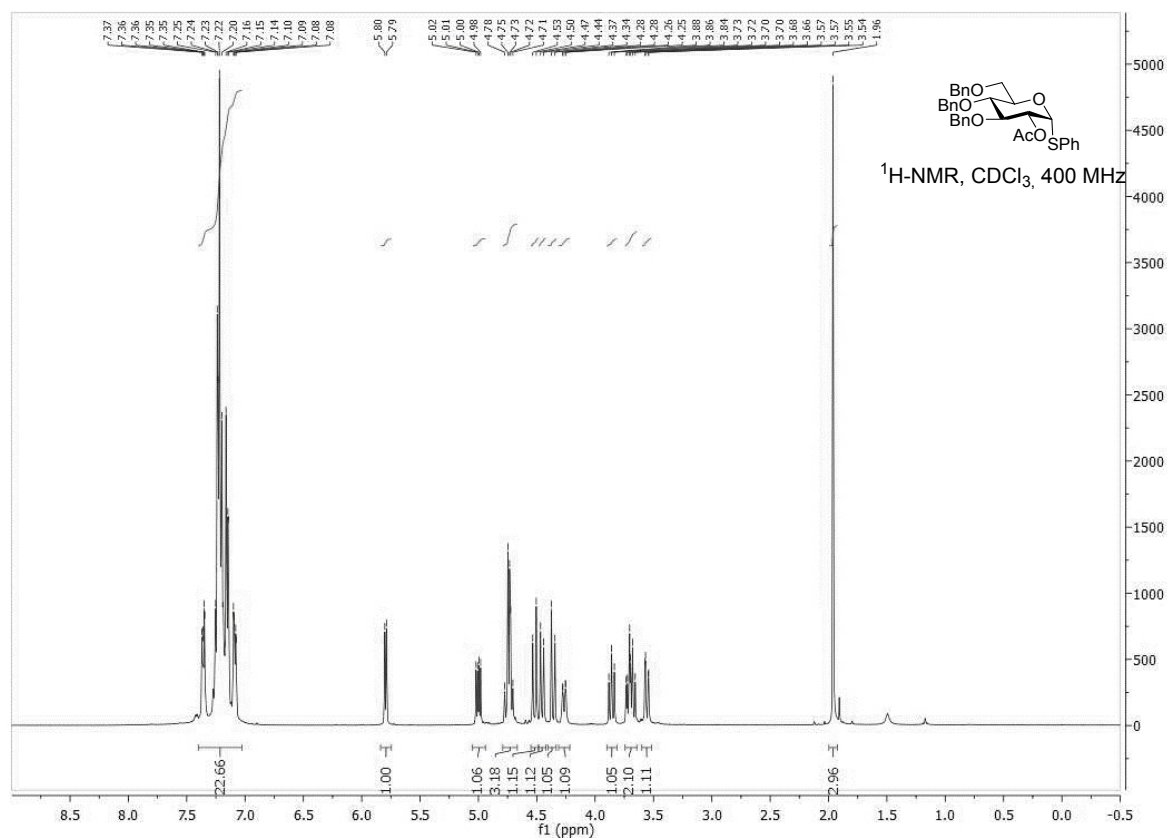
Entry	Donor	Yield	α/β ratio
1	 1	94 %	1 : 3
2	 2	81 %	β only
3	 3	94 %	1 : 4
4	 4	89 %	β only
5	 5	81 %	1 : 9
6	 6	84 %	β only
7	 7	70 %	1 : 3
8	 8	88 %	β only

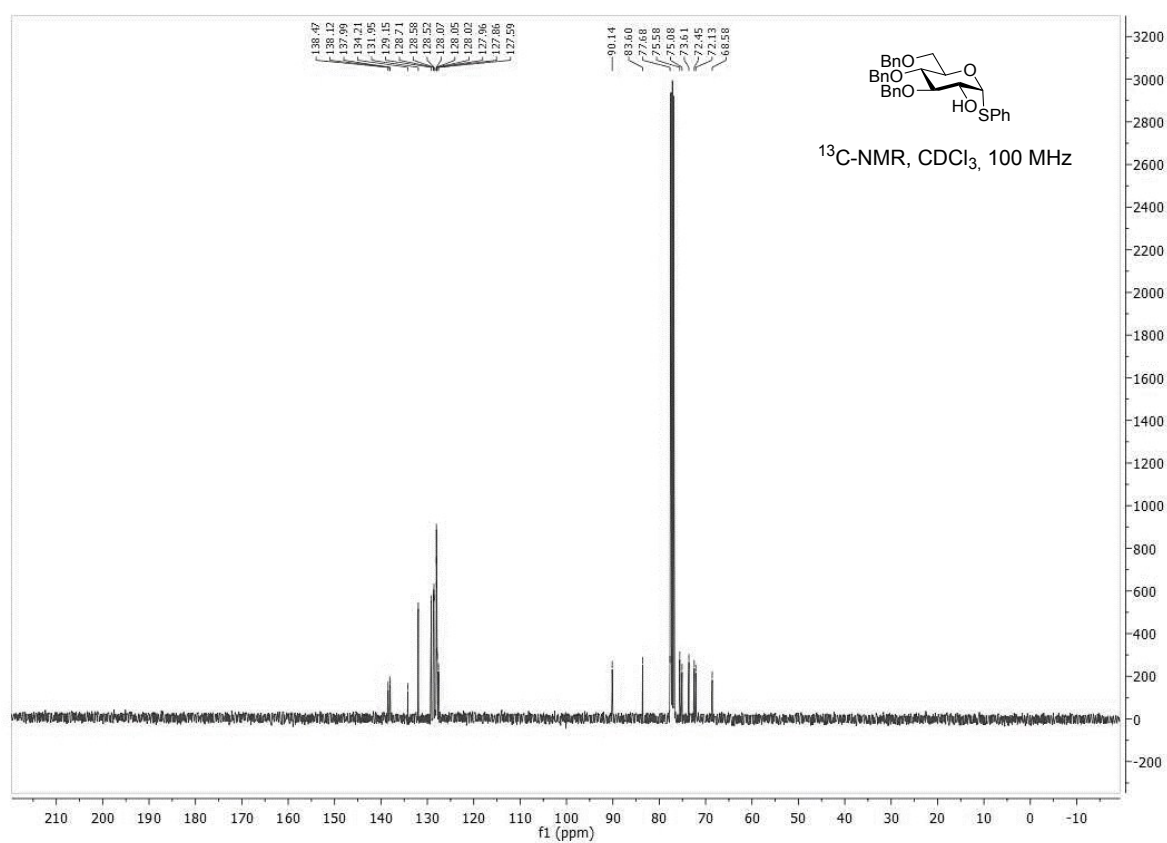
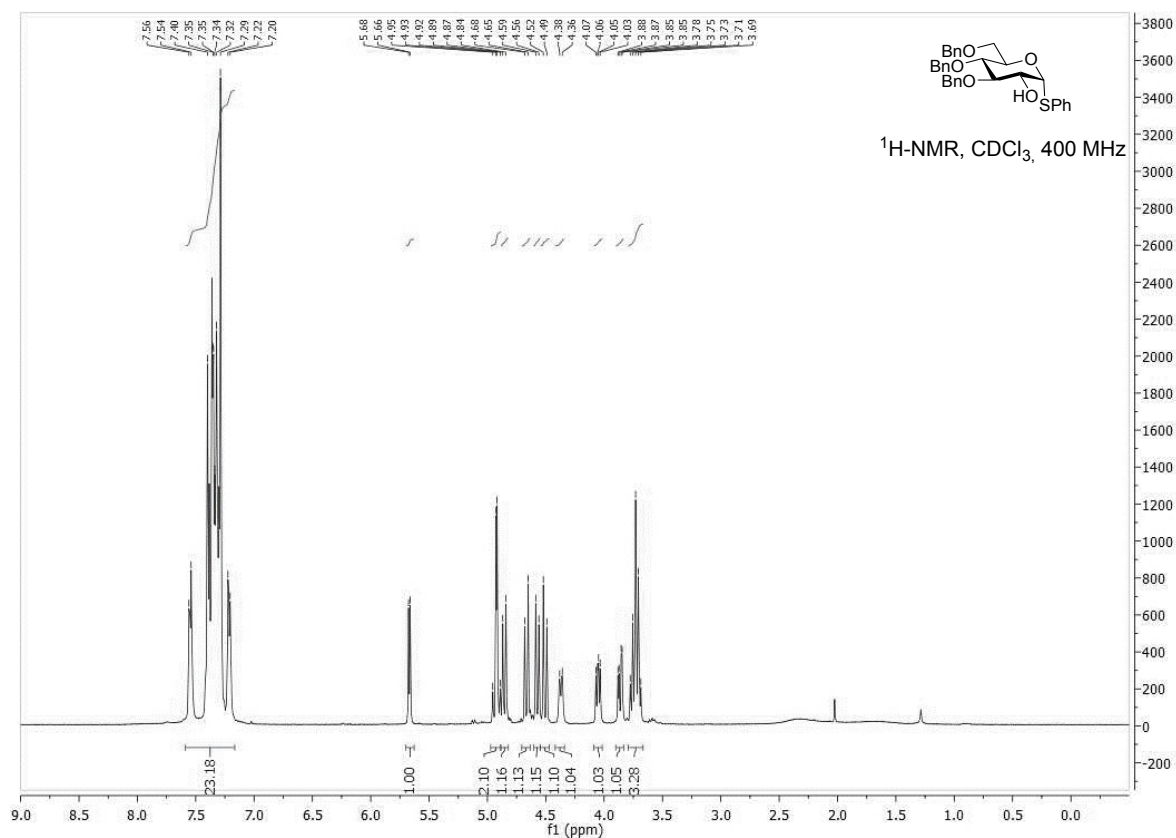
9		83 %	1 : 1
10		79 %	α only
11		100 %	1 : 1.3
12		100 %	α only

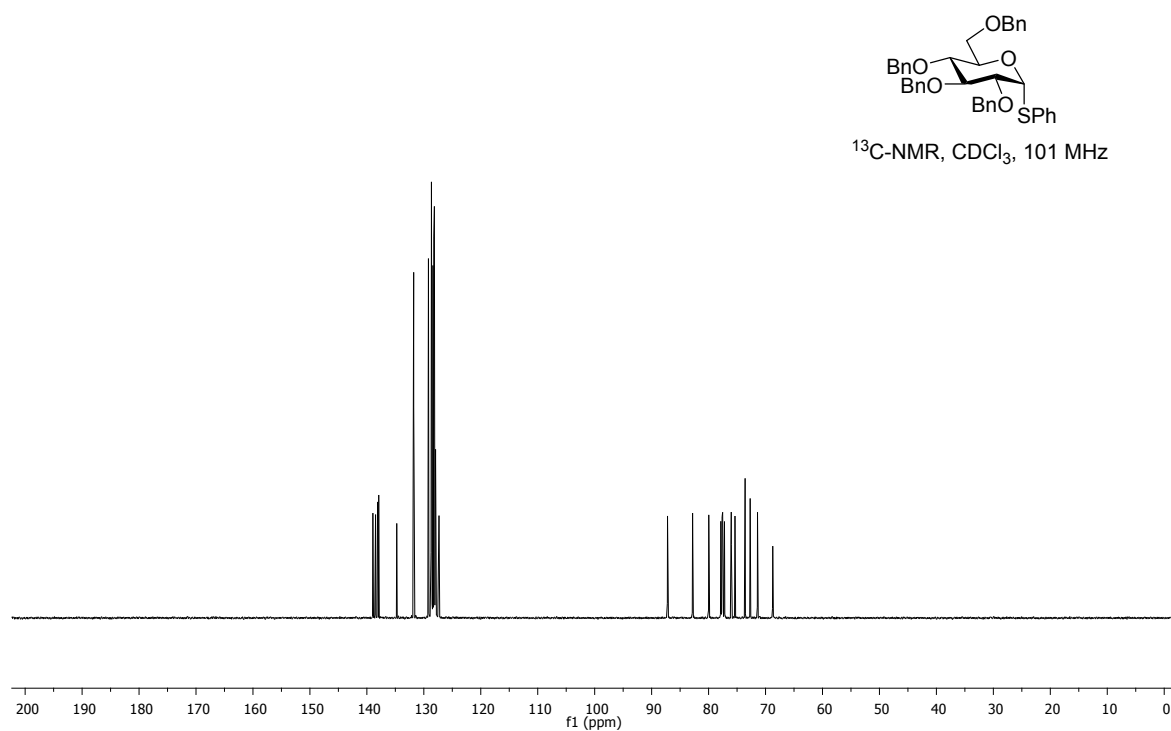
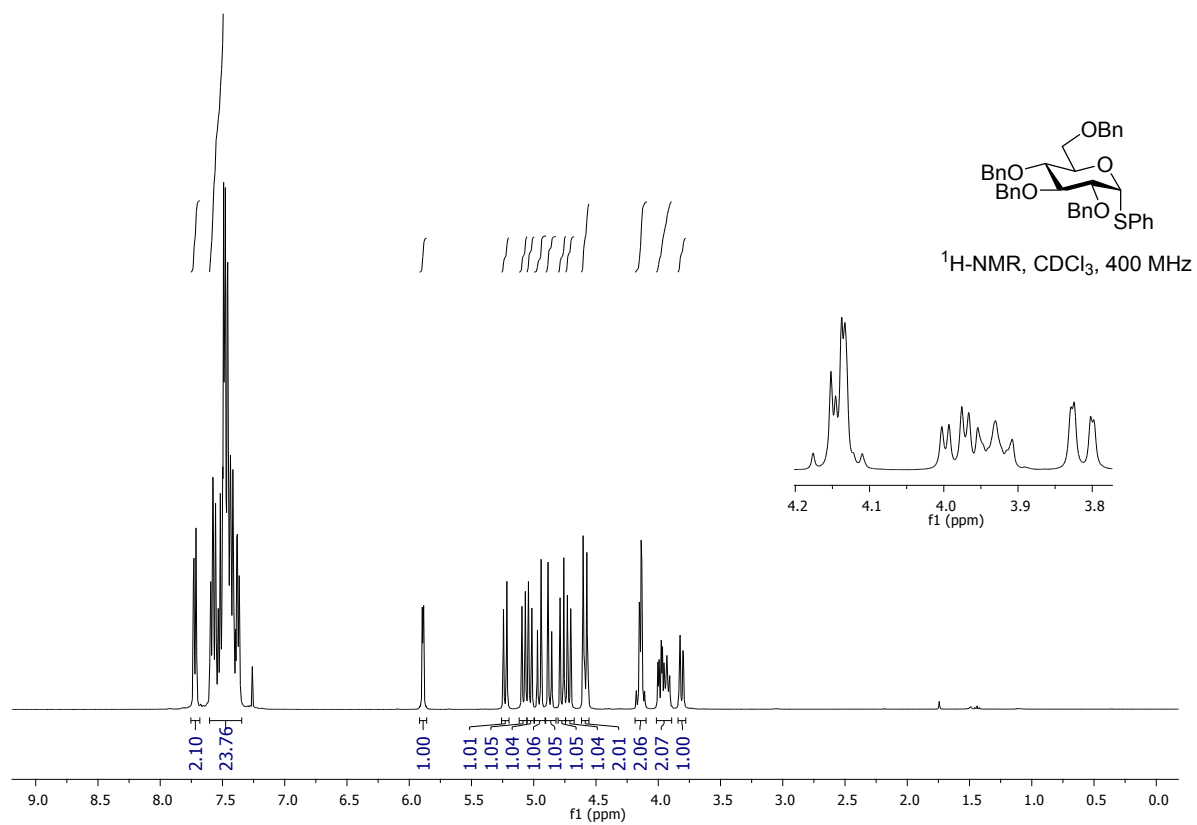
¹H and ¹³C NMR Spectra for Compounds.

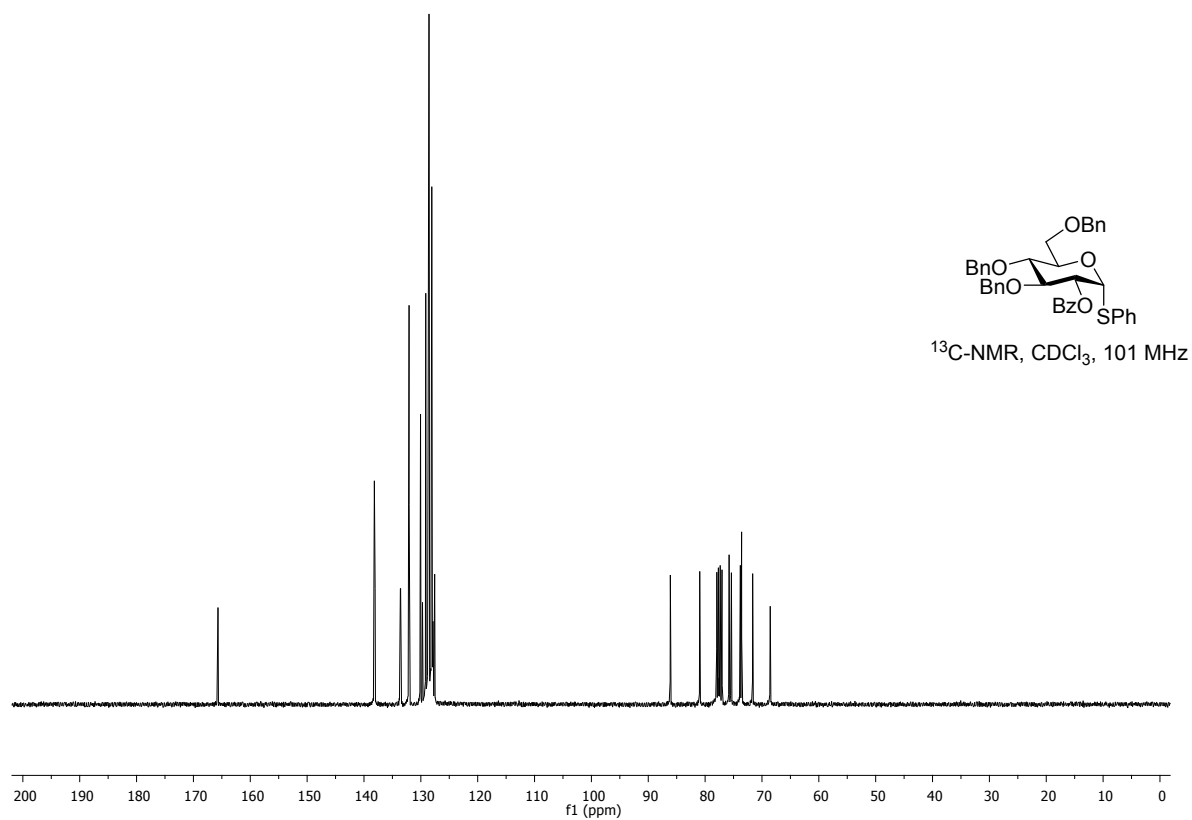
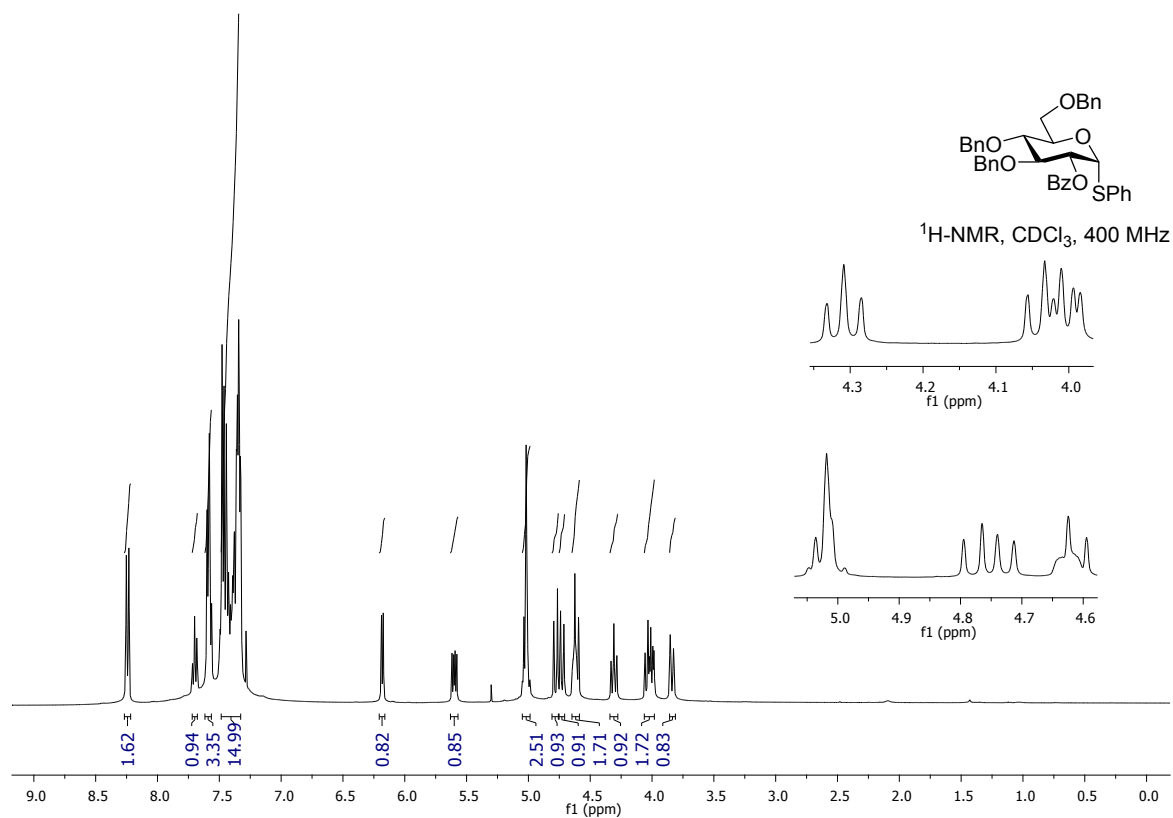


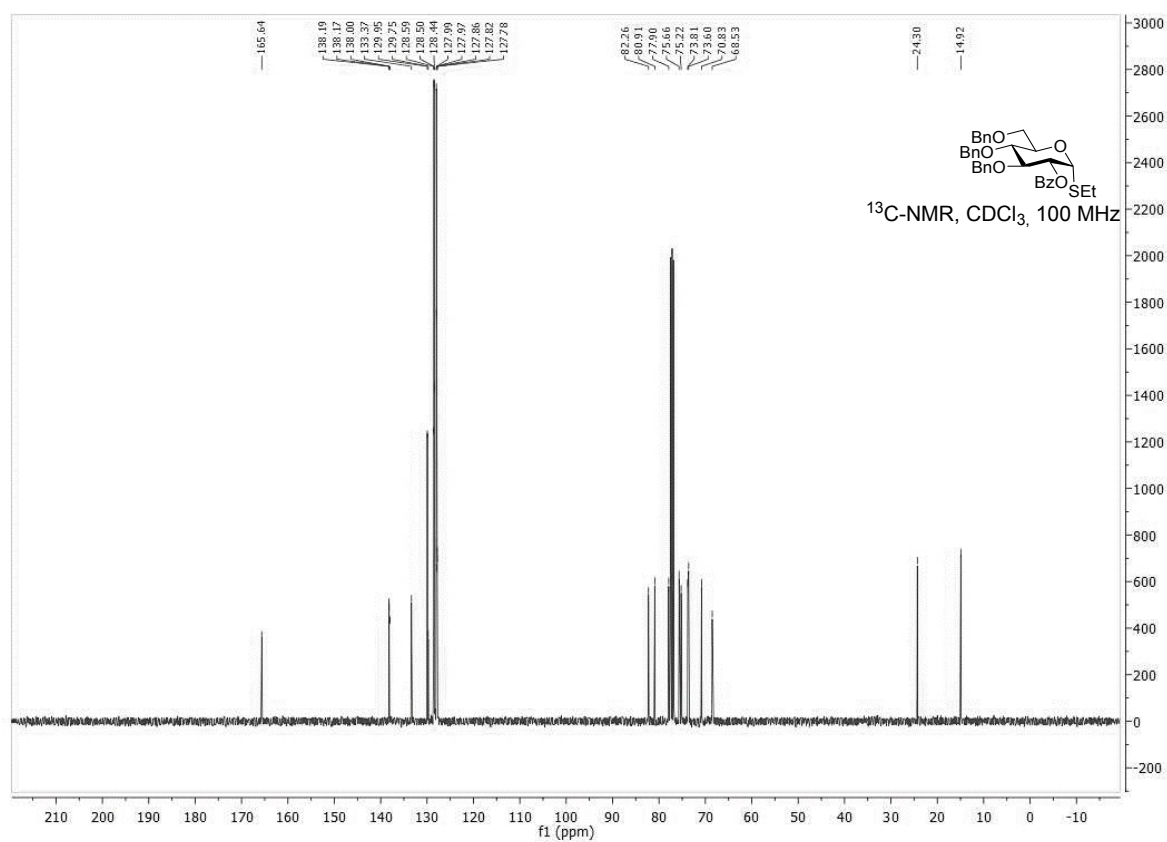
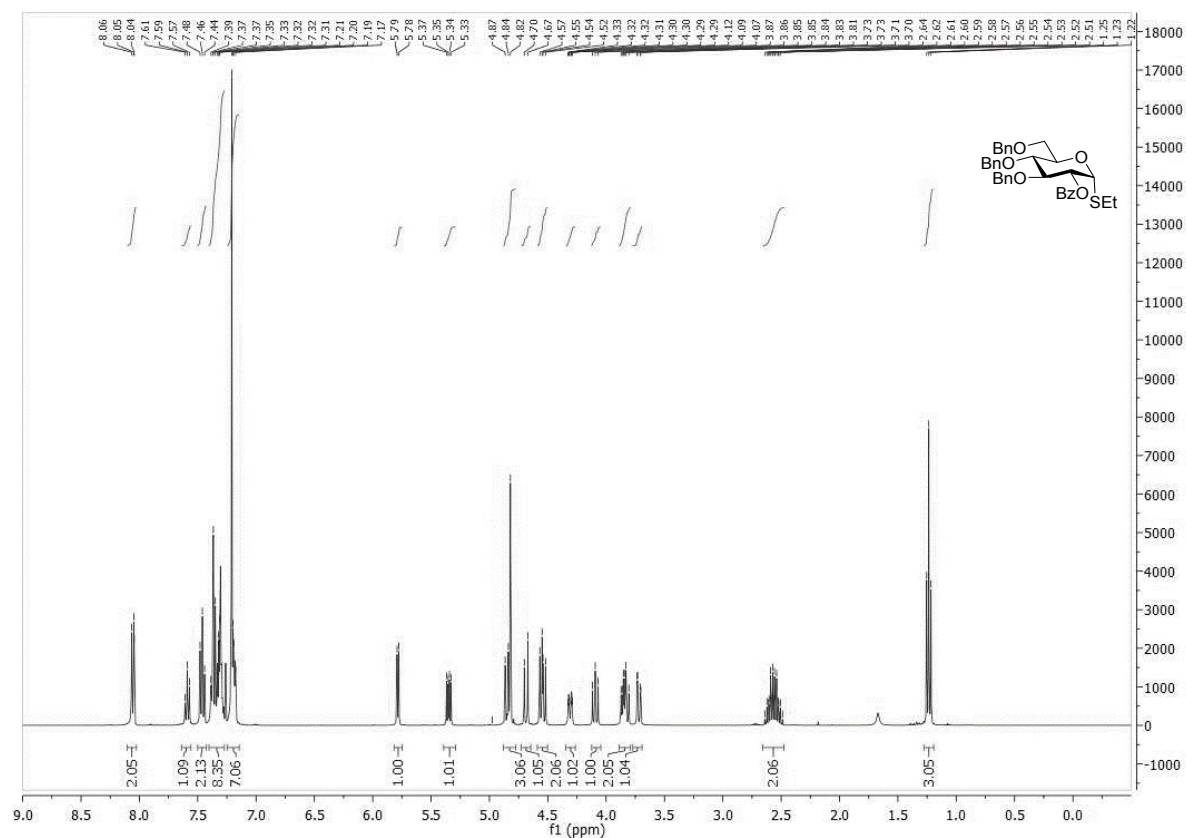


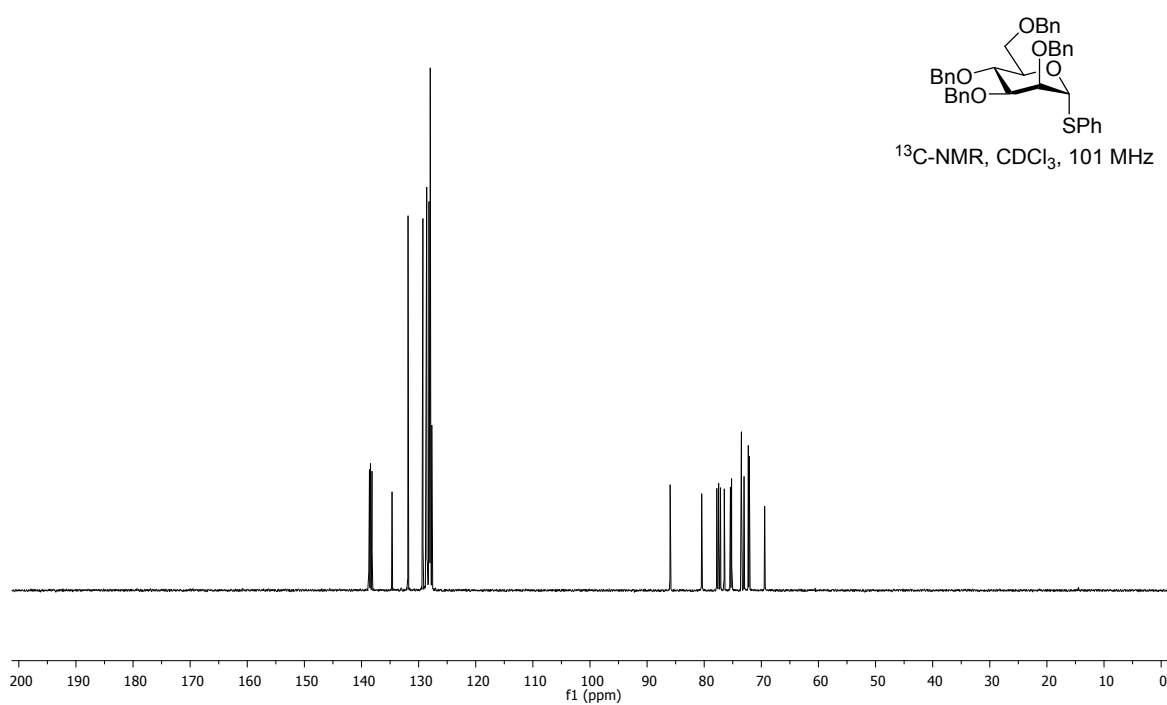
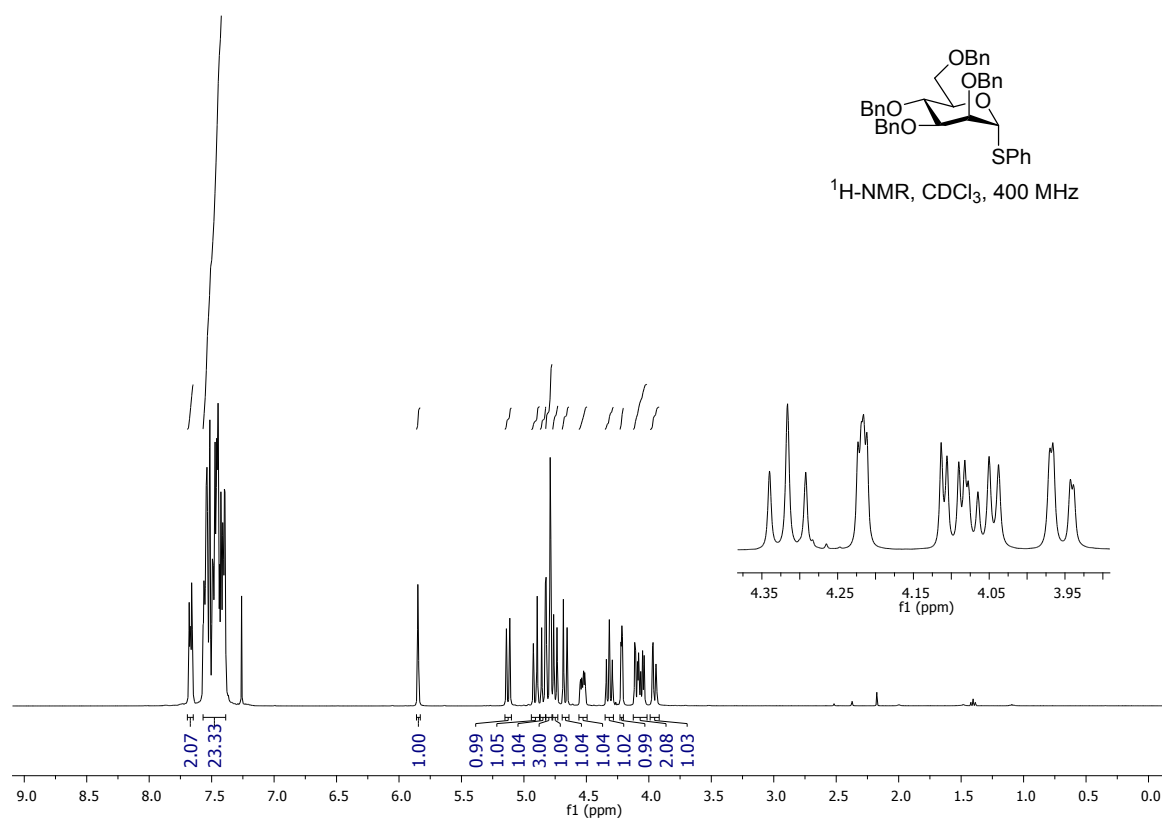


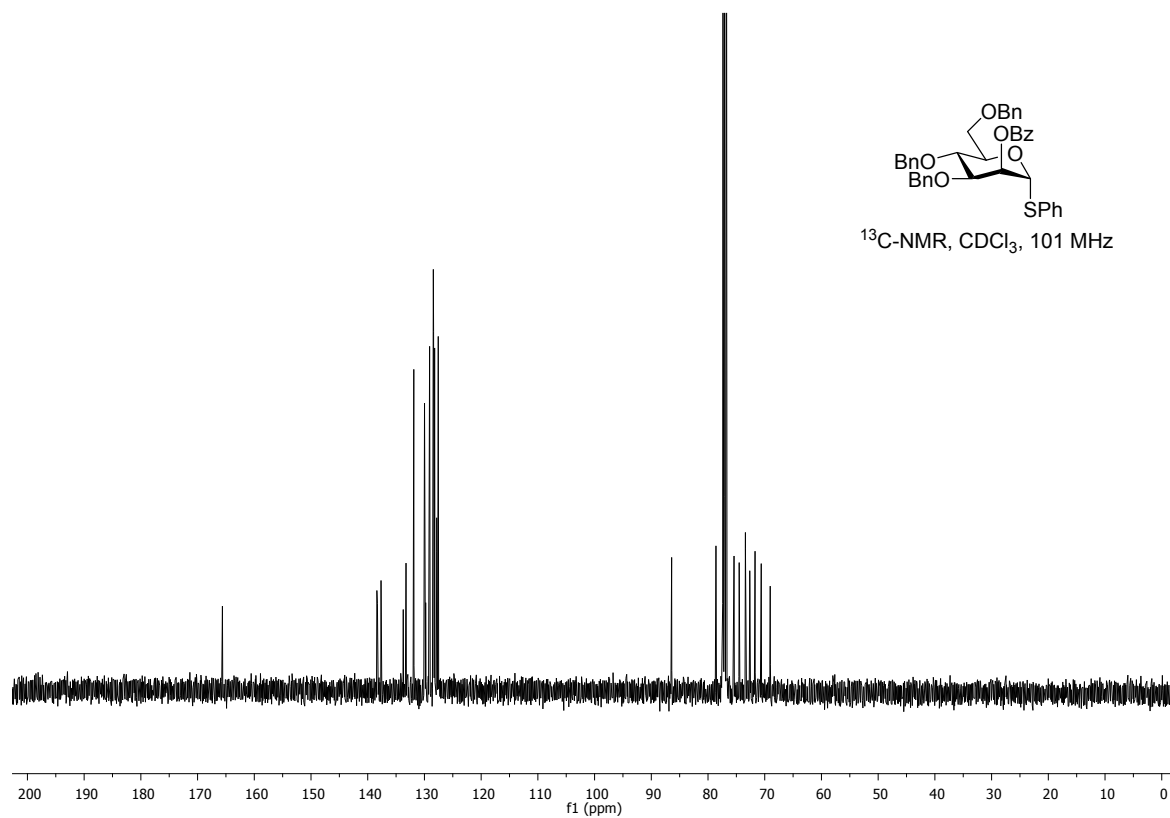
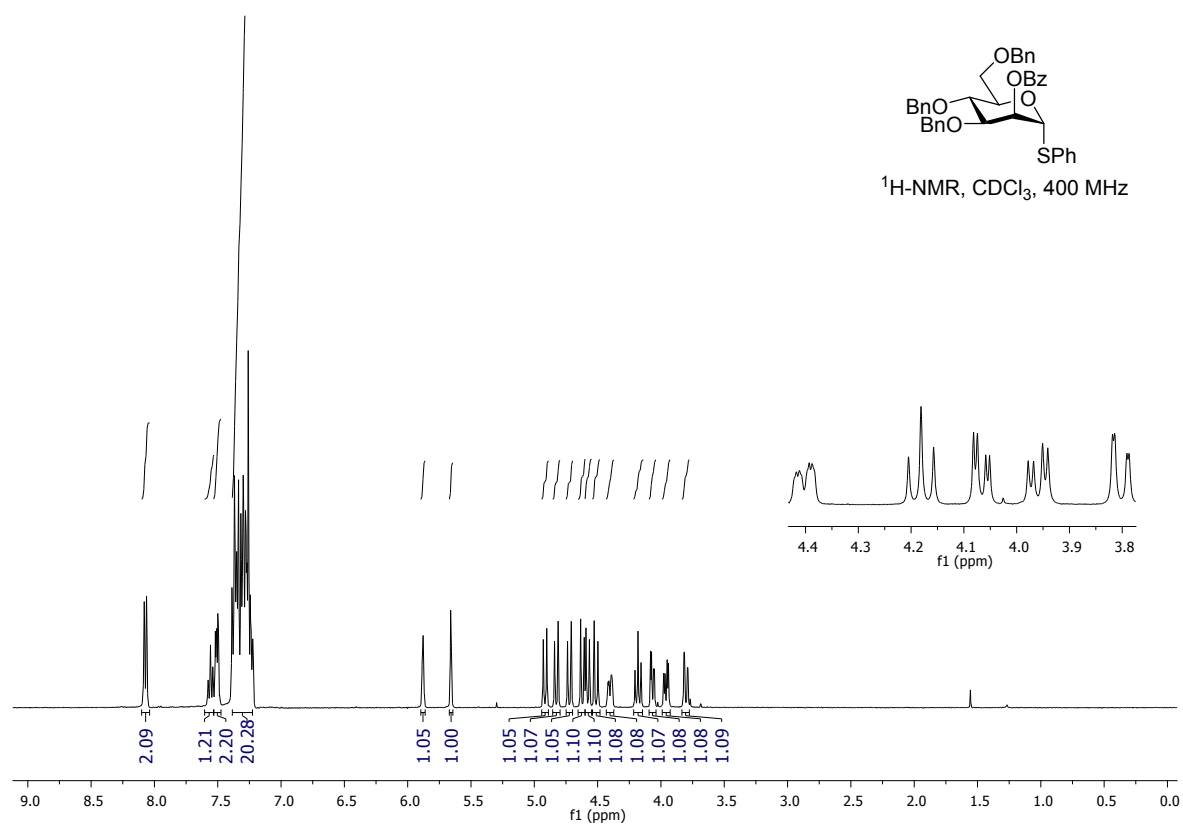


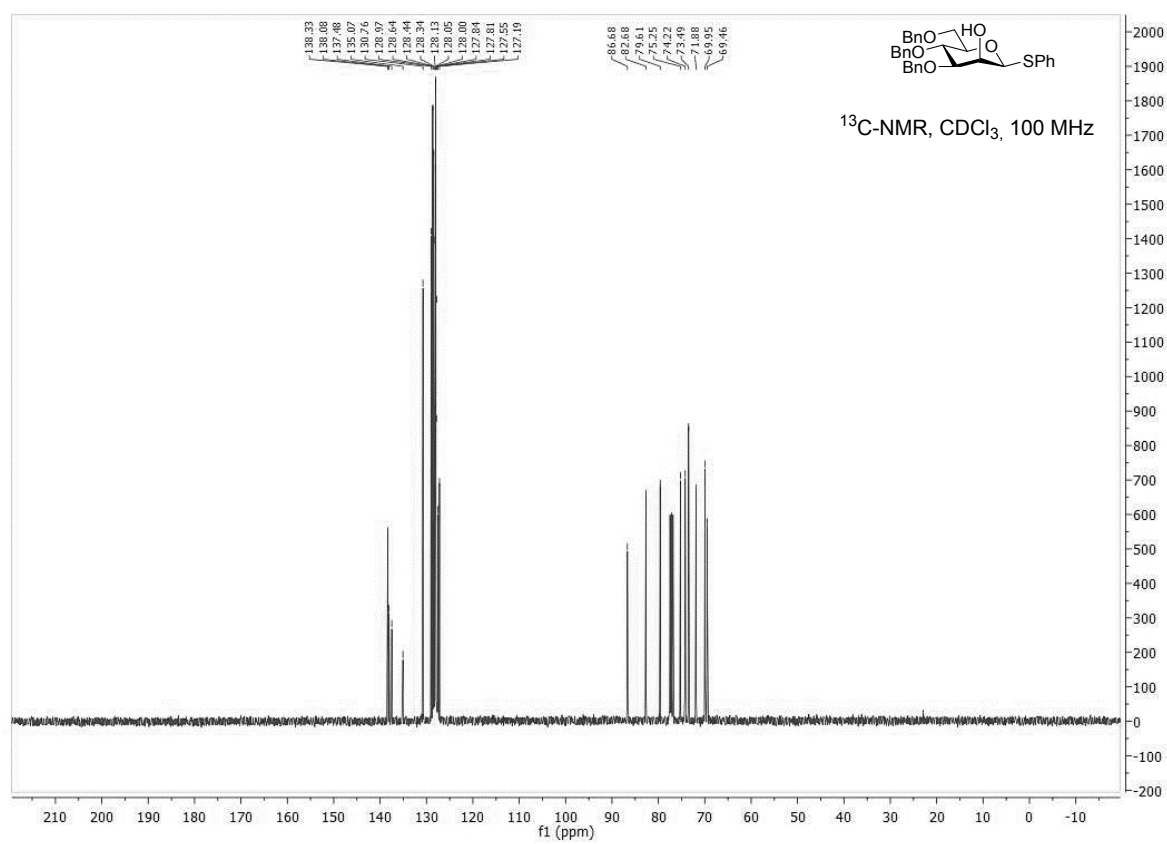
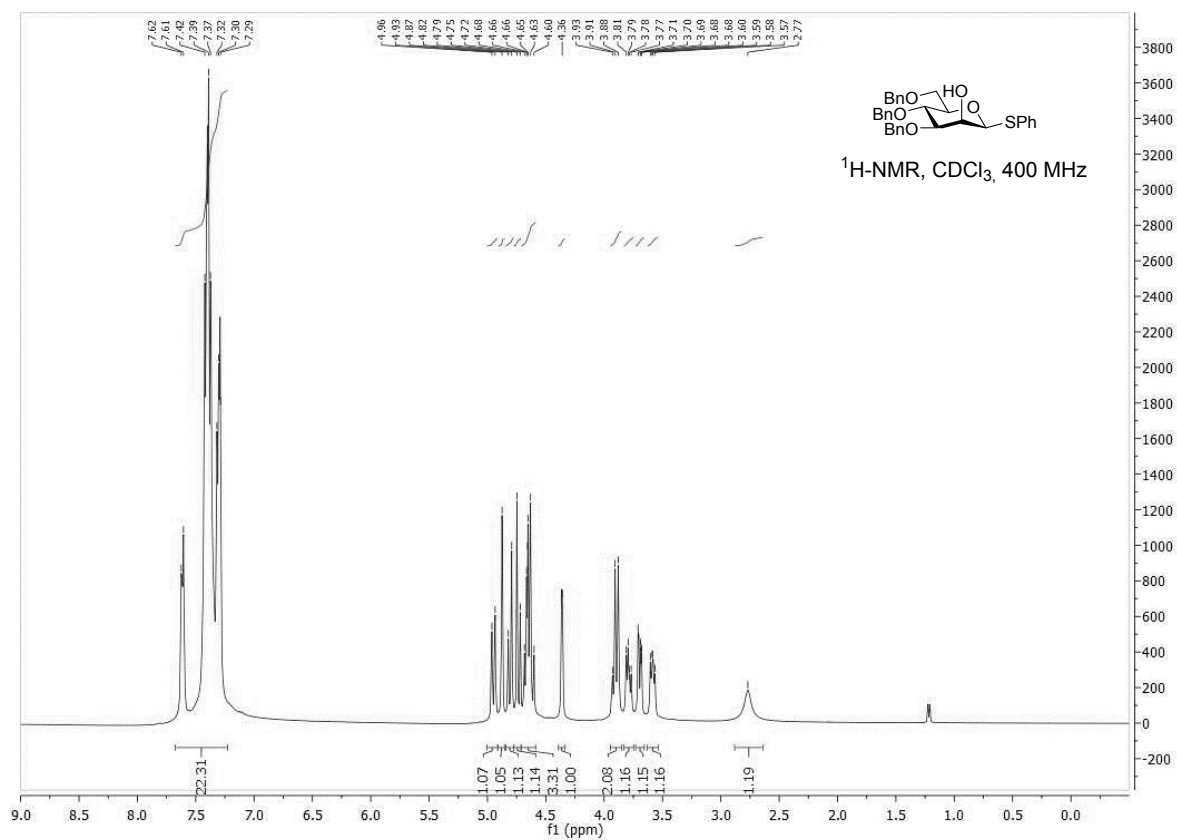


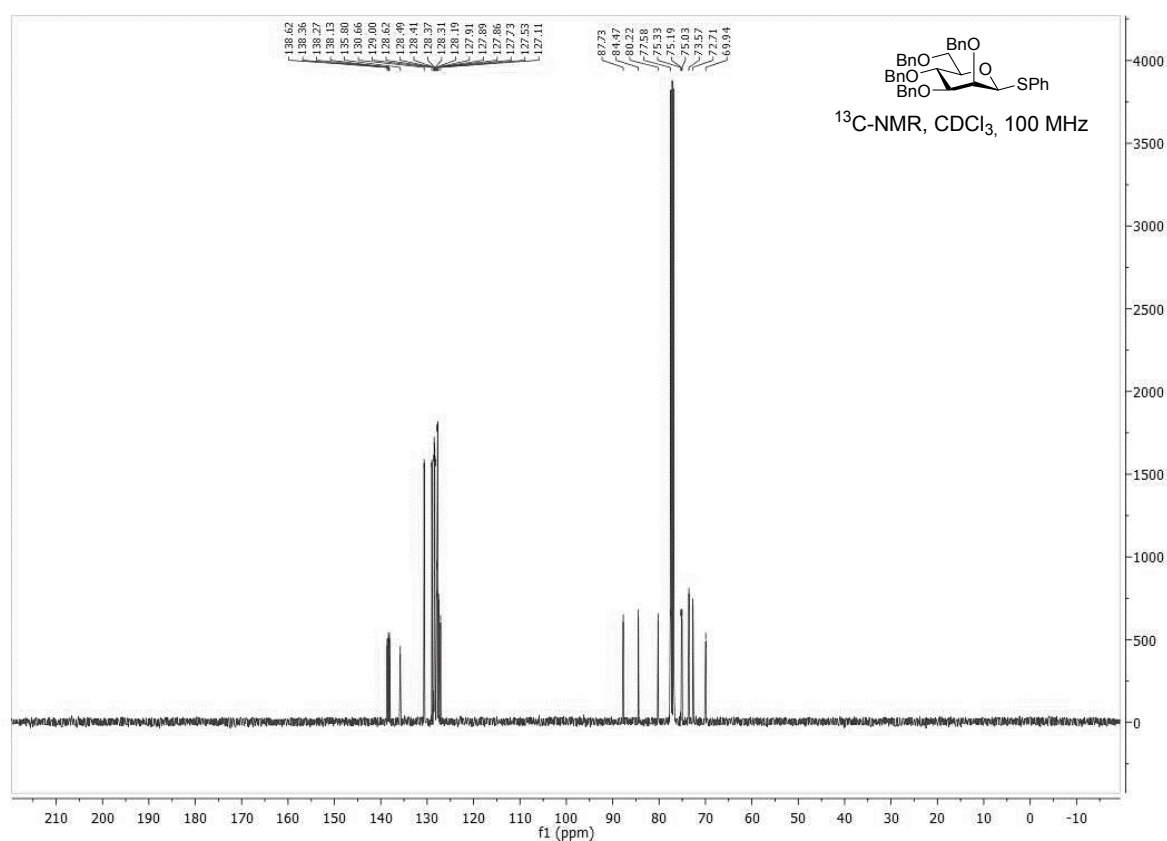
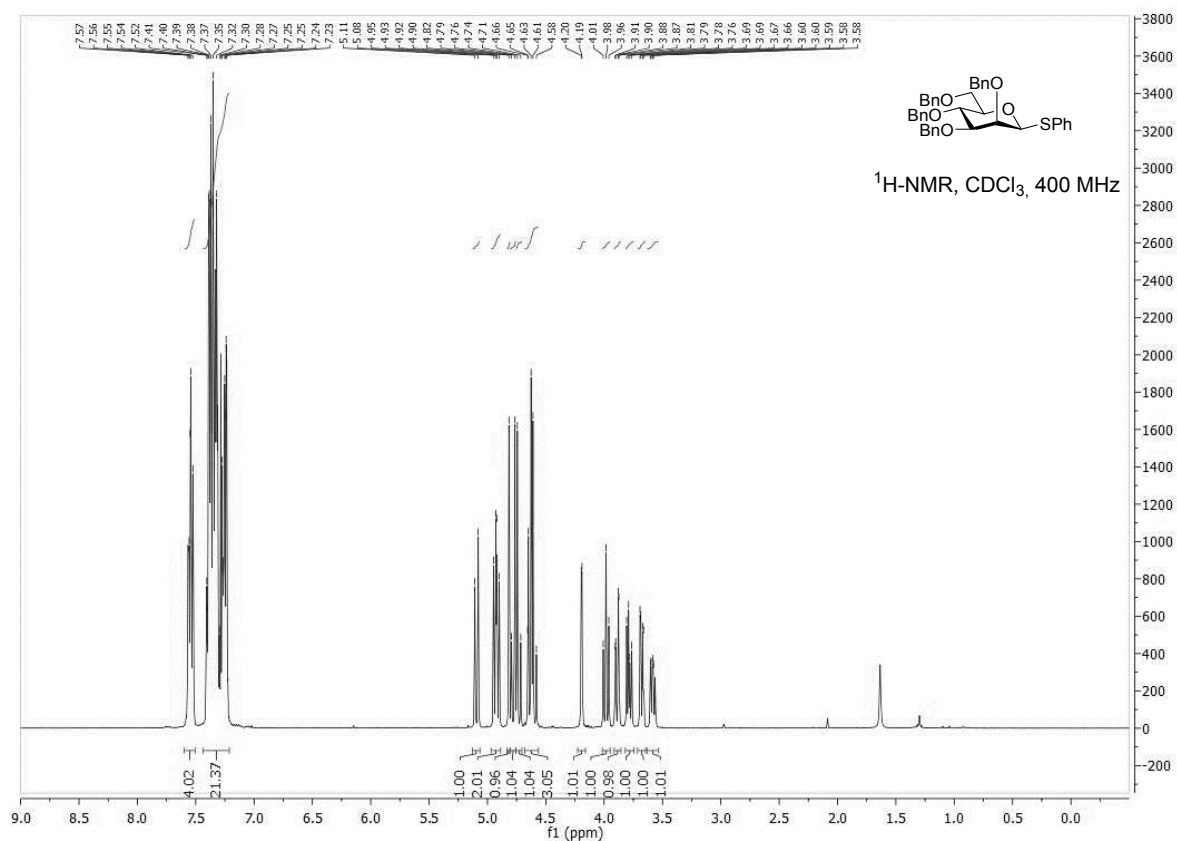


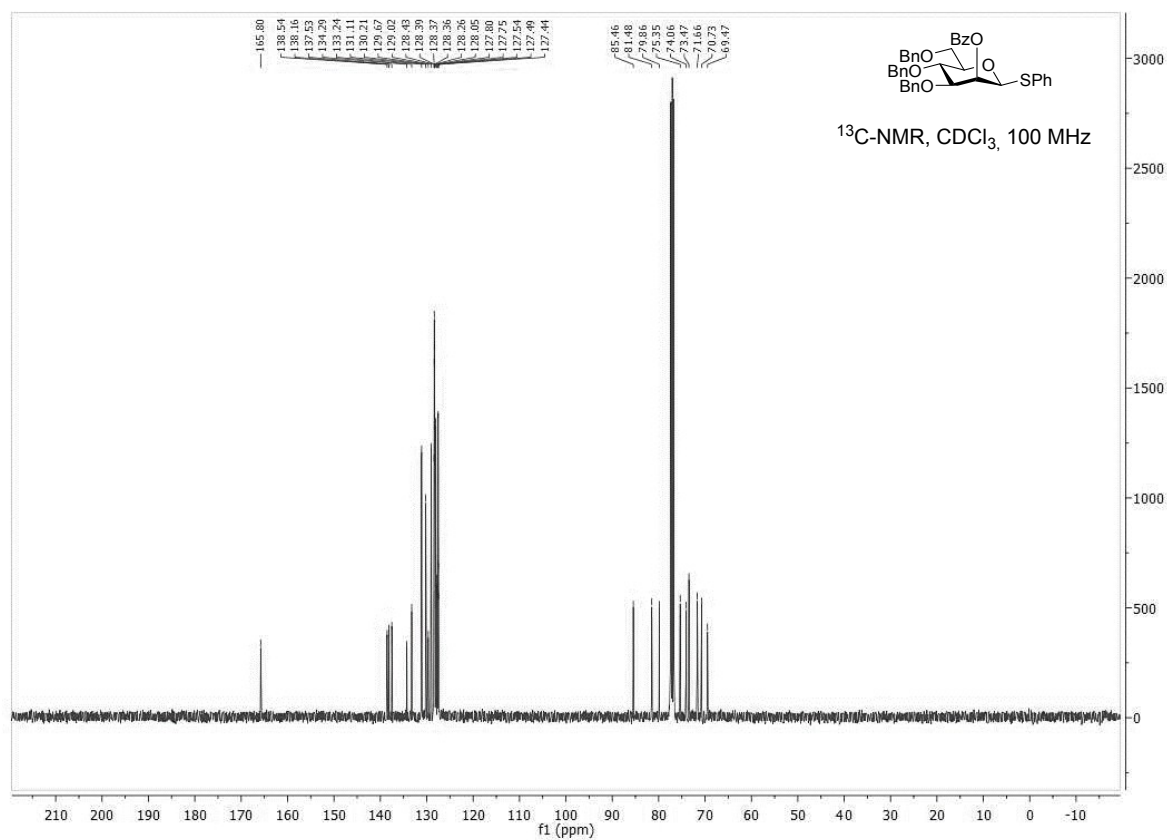
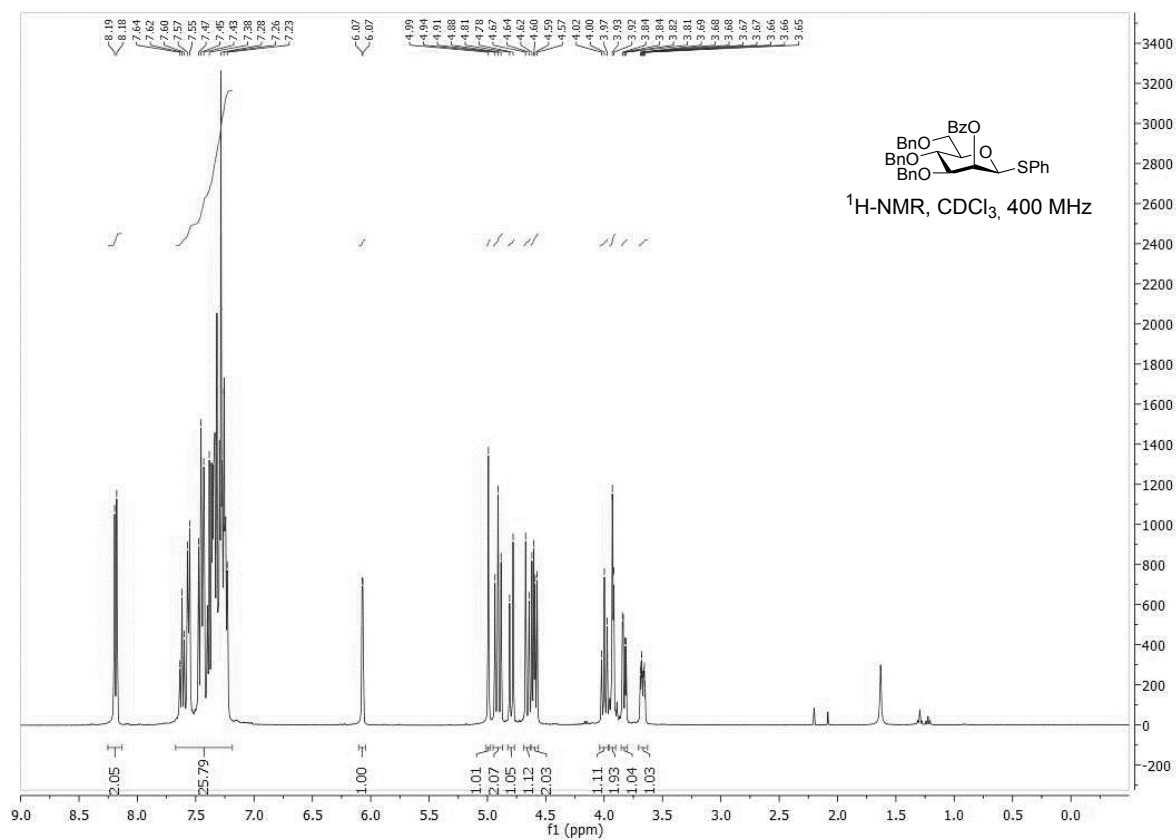


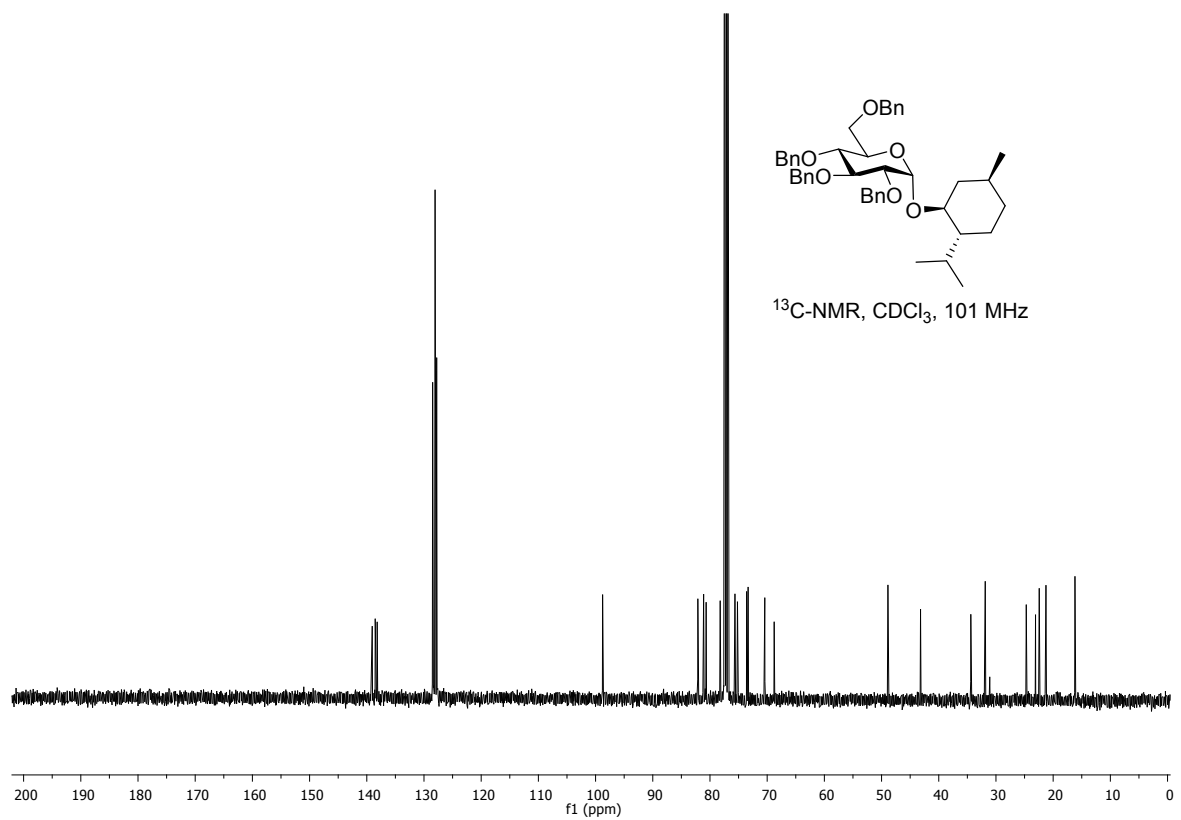
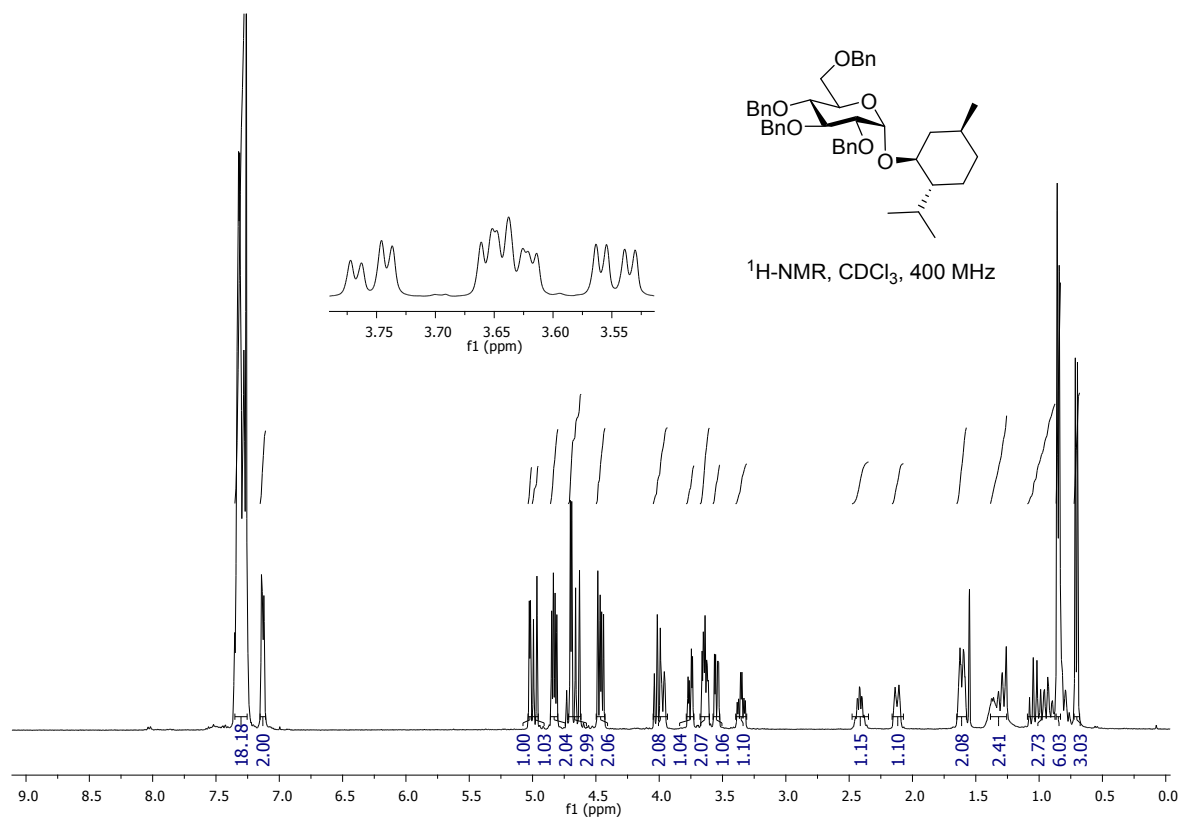


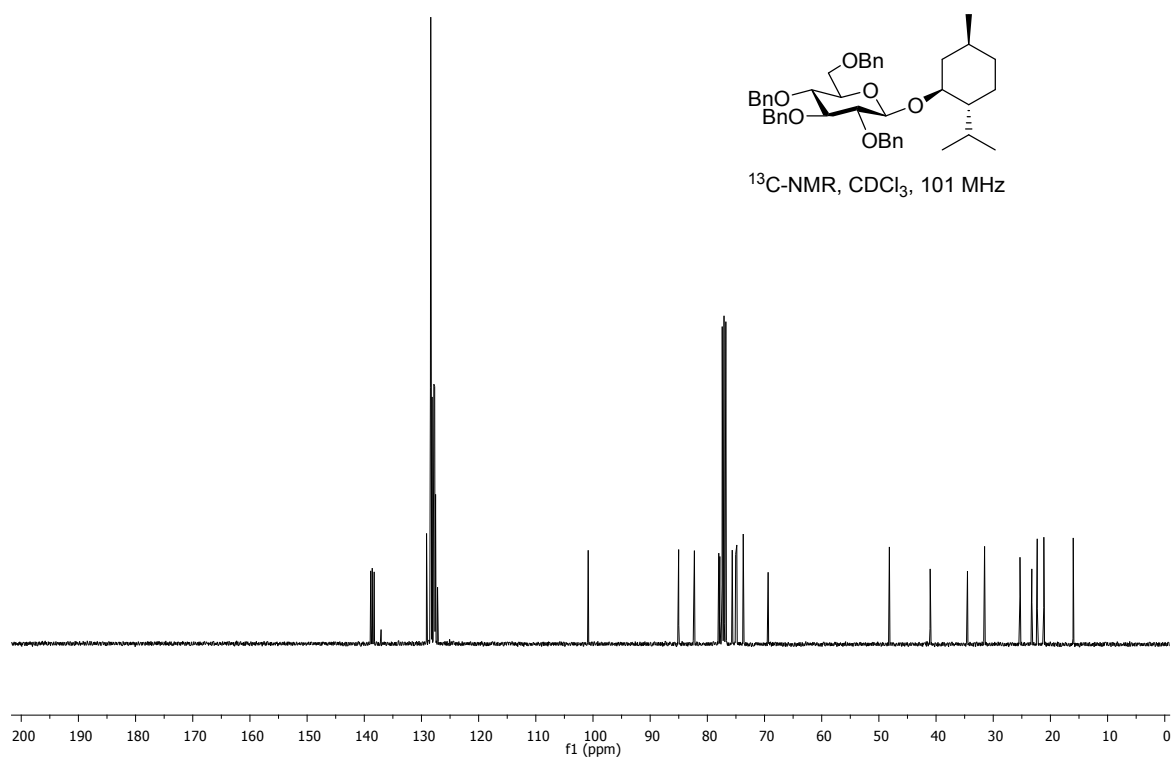
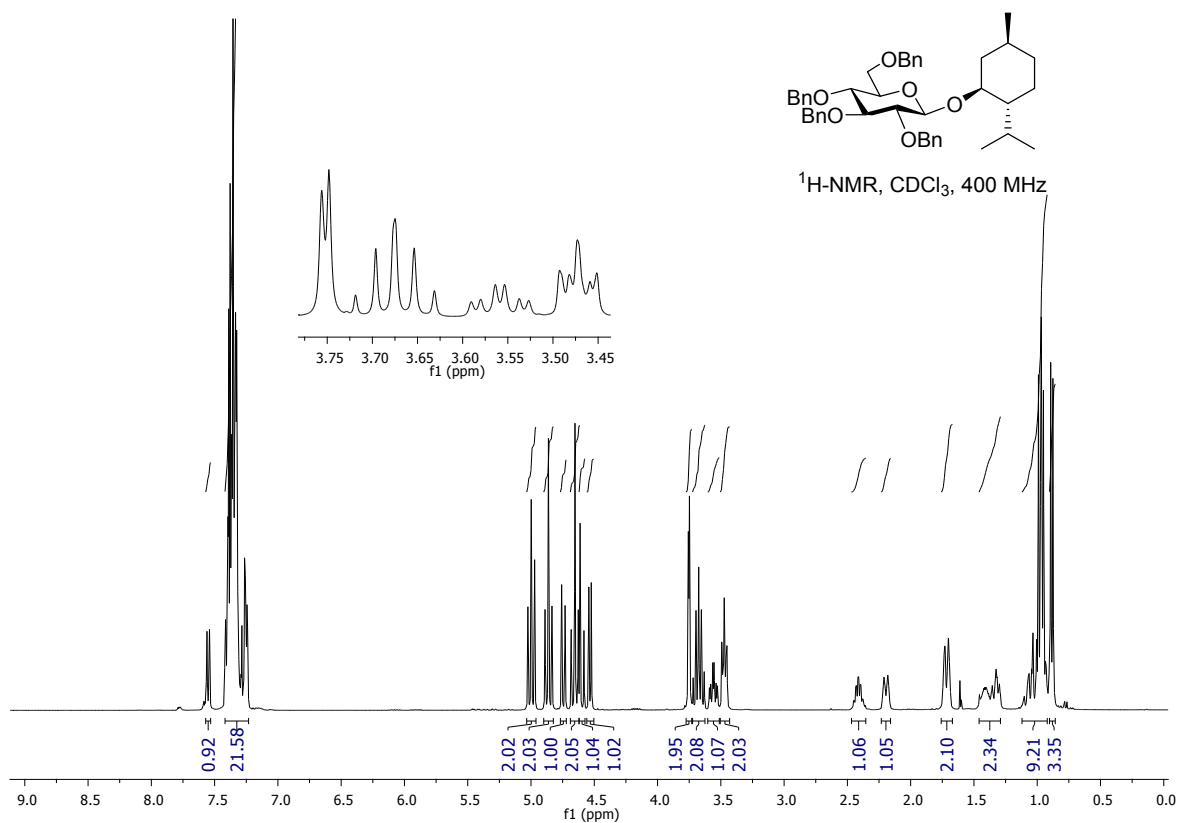


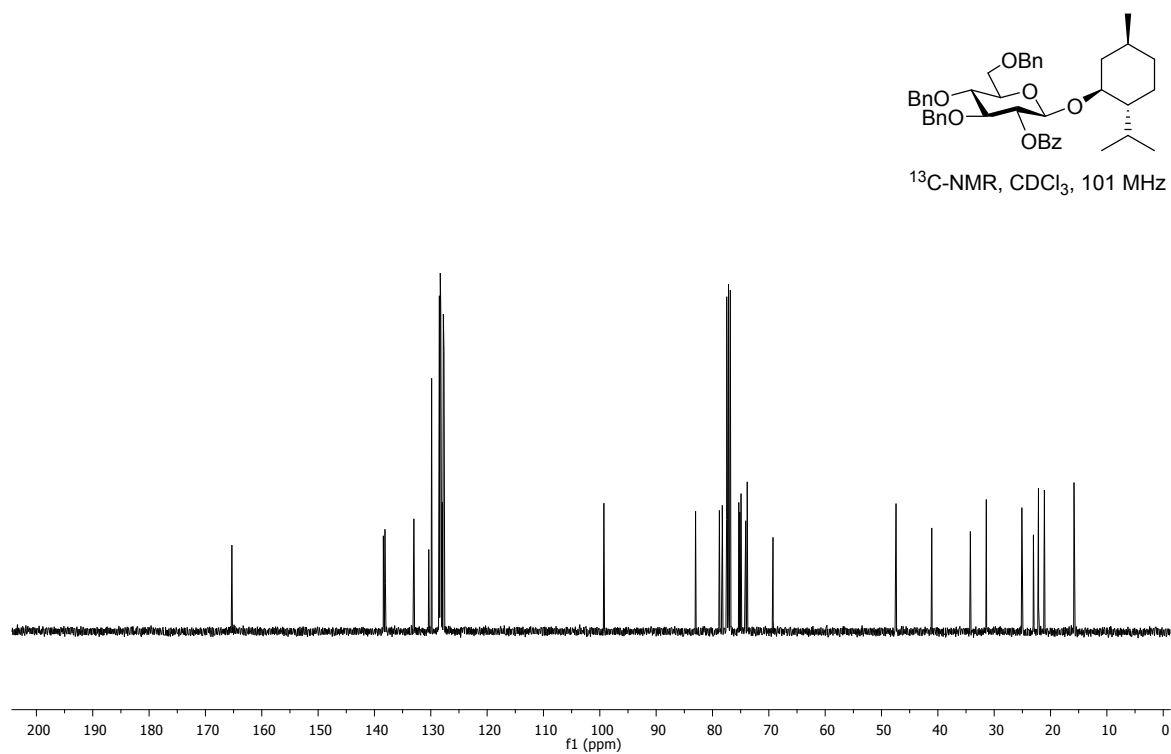
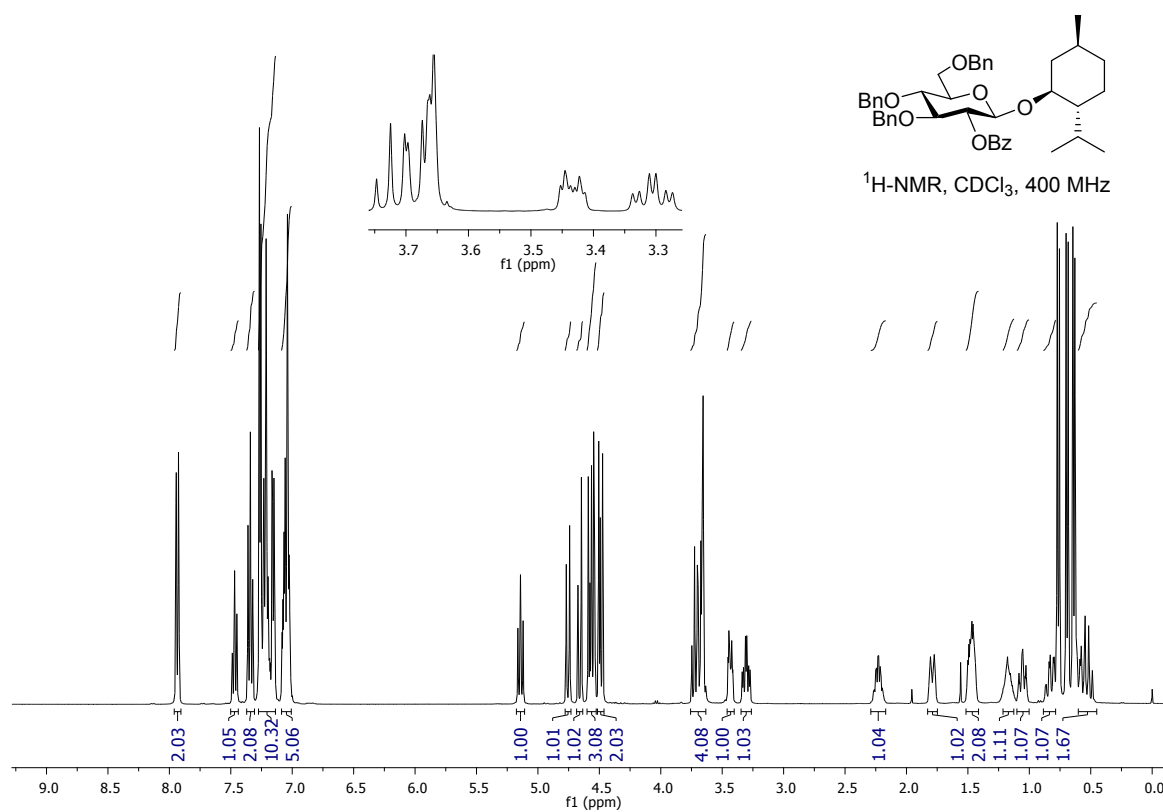


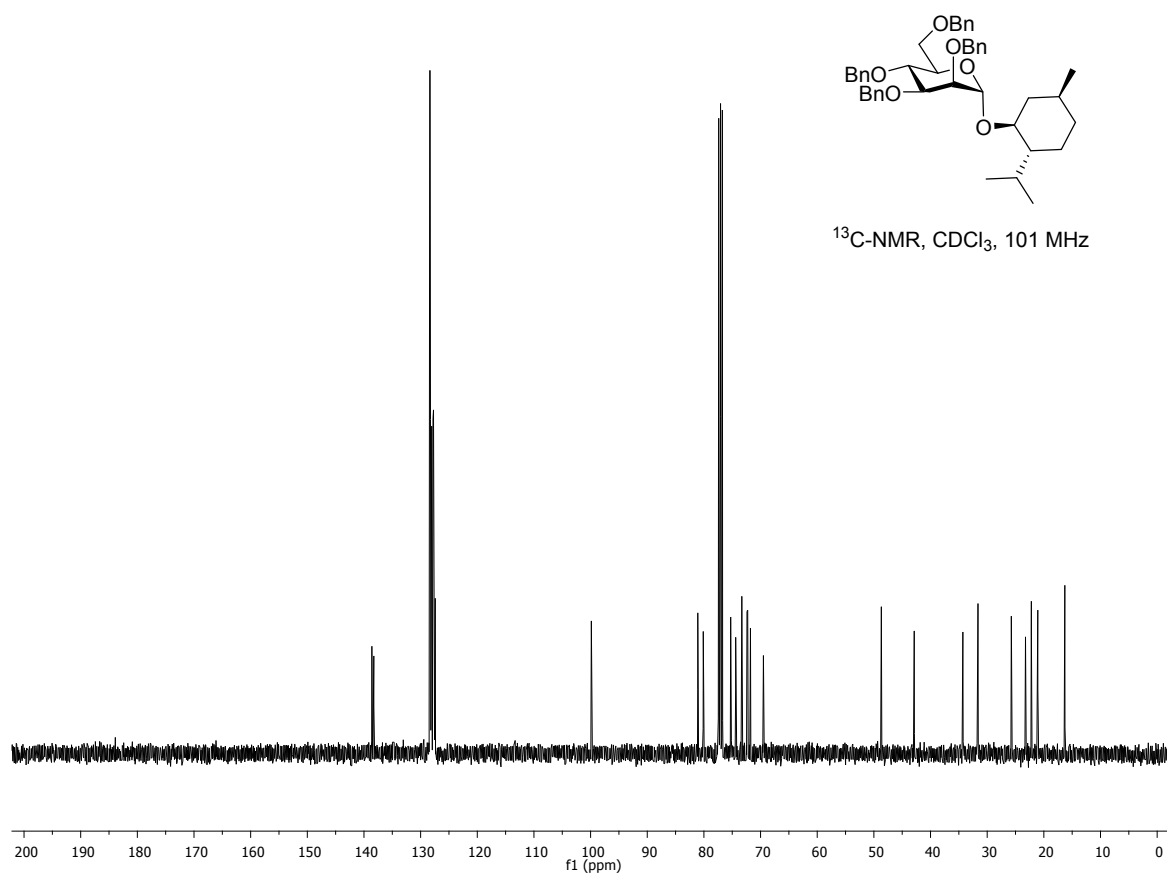
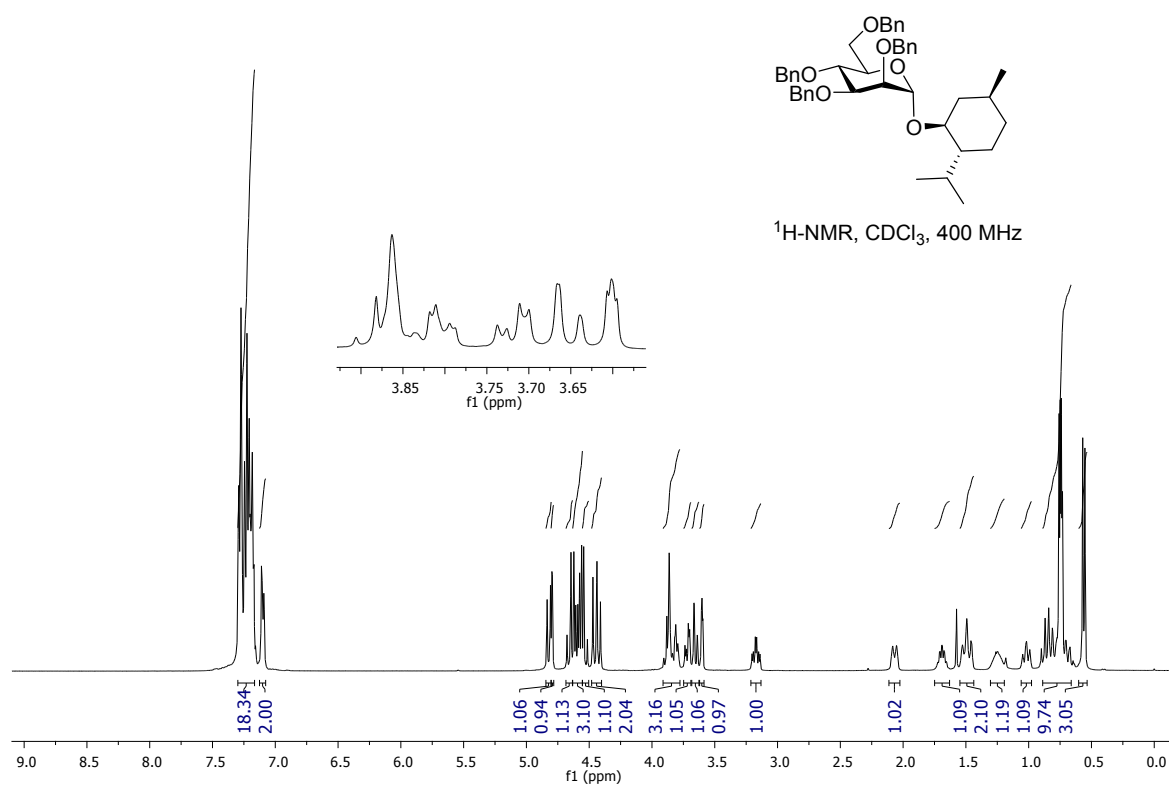


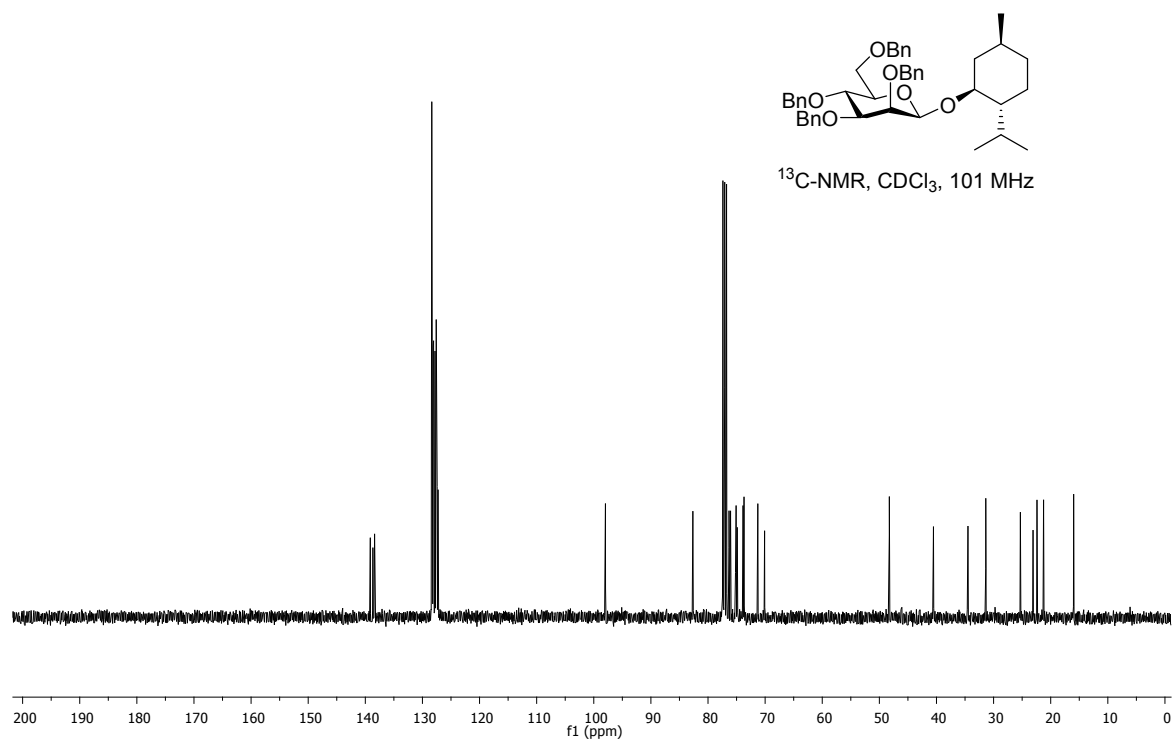
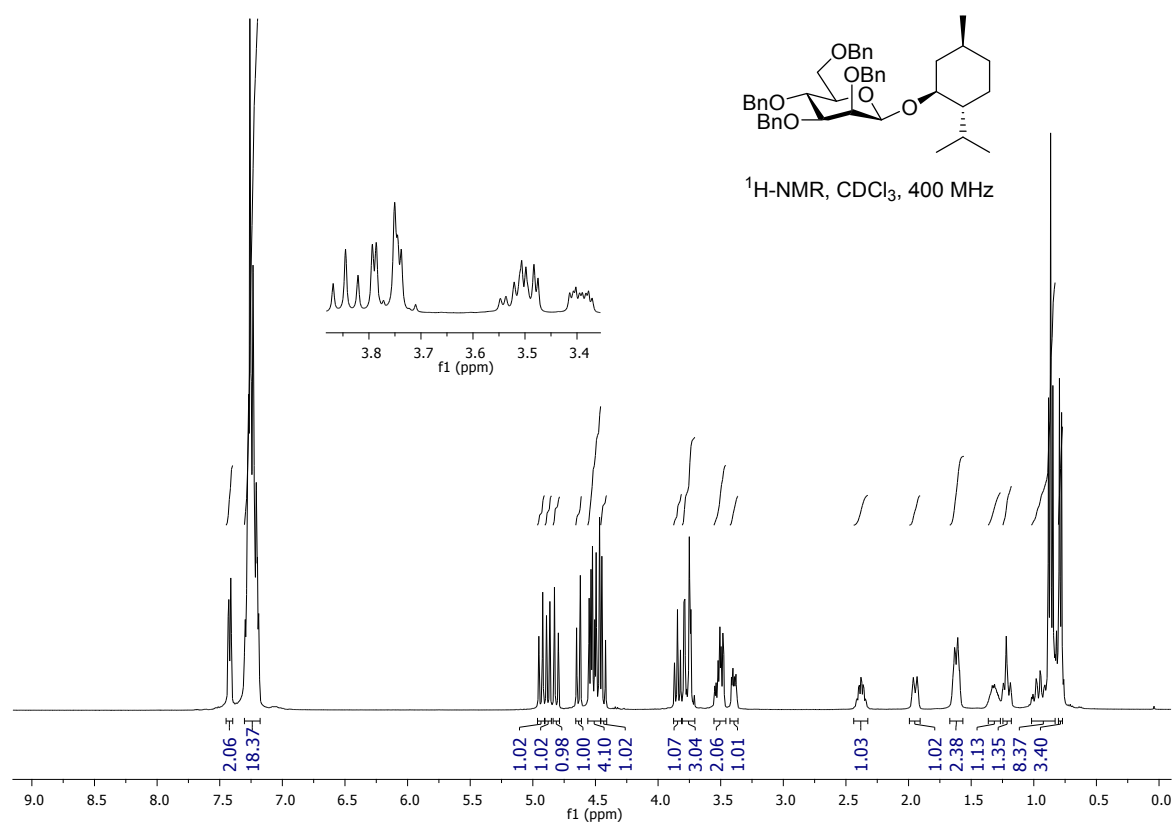


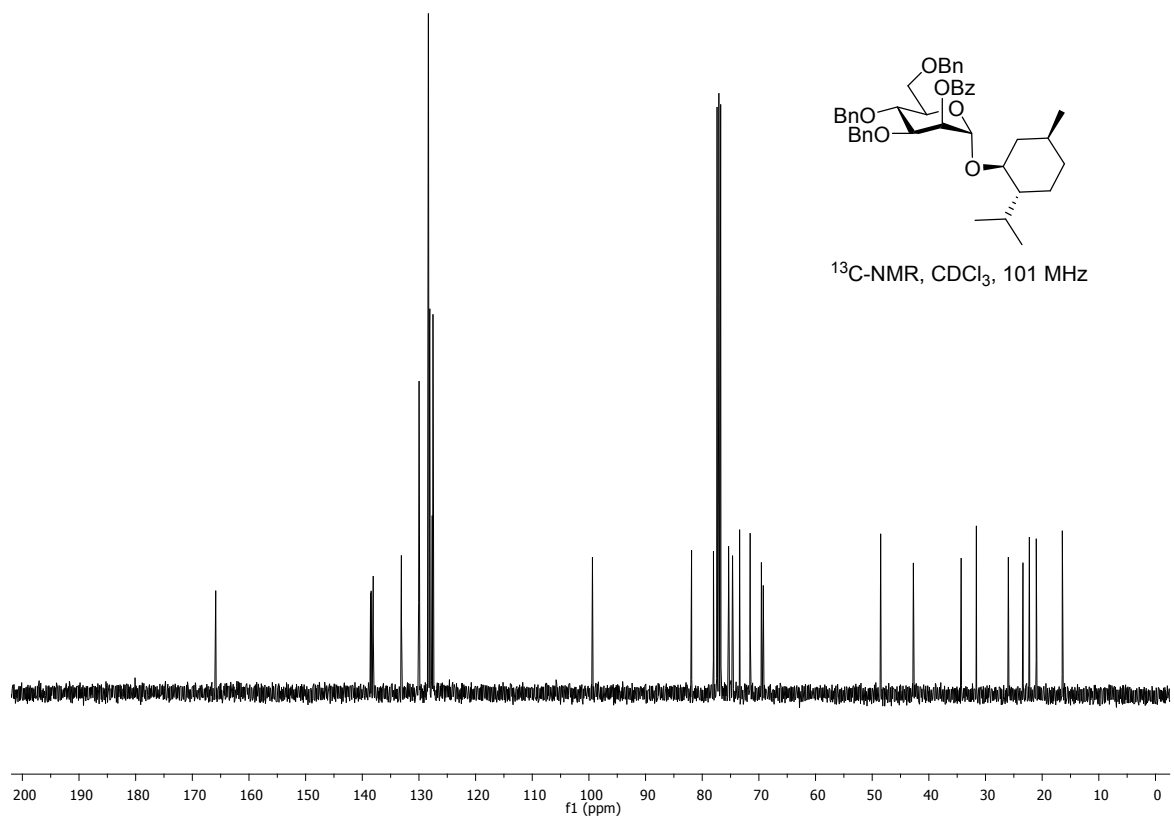
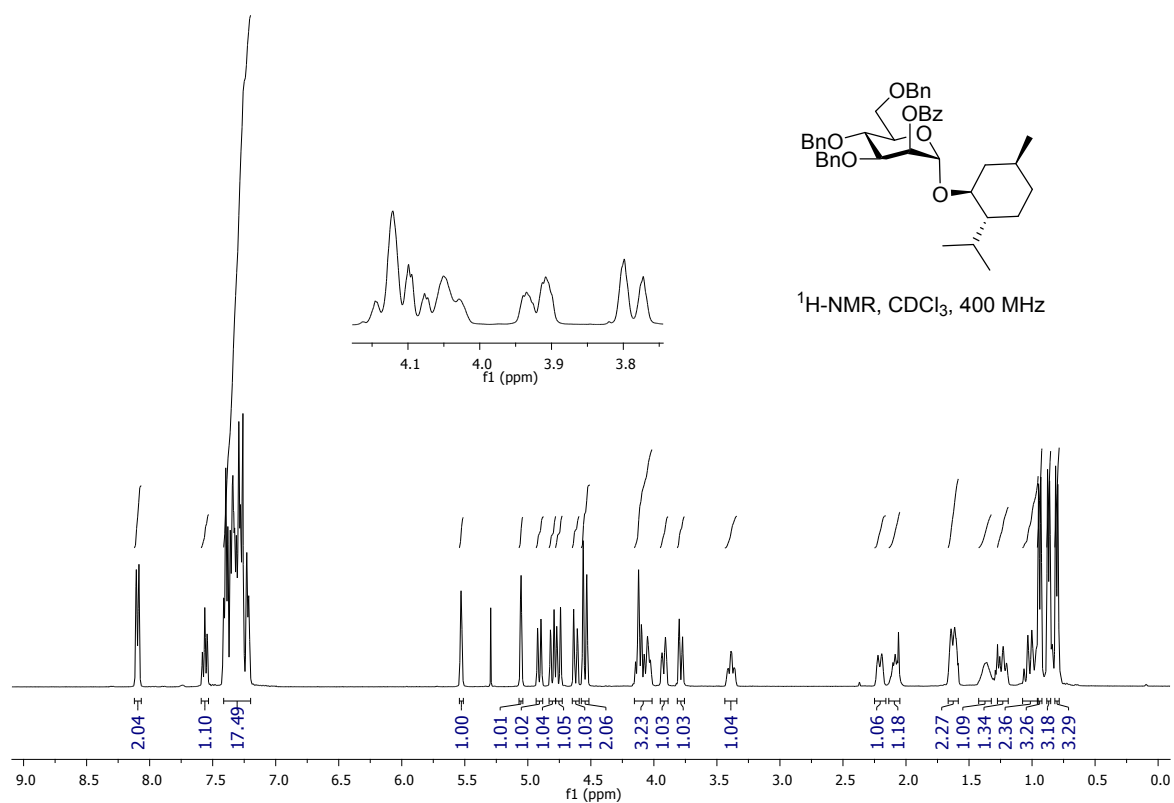


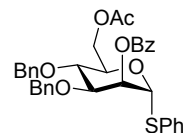




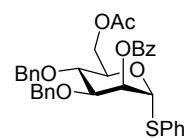
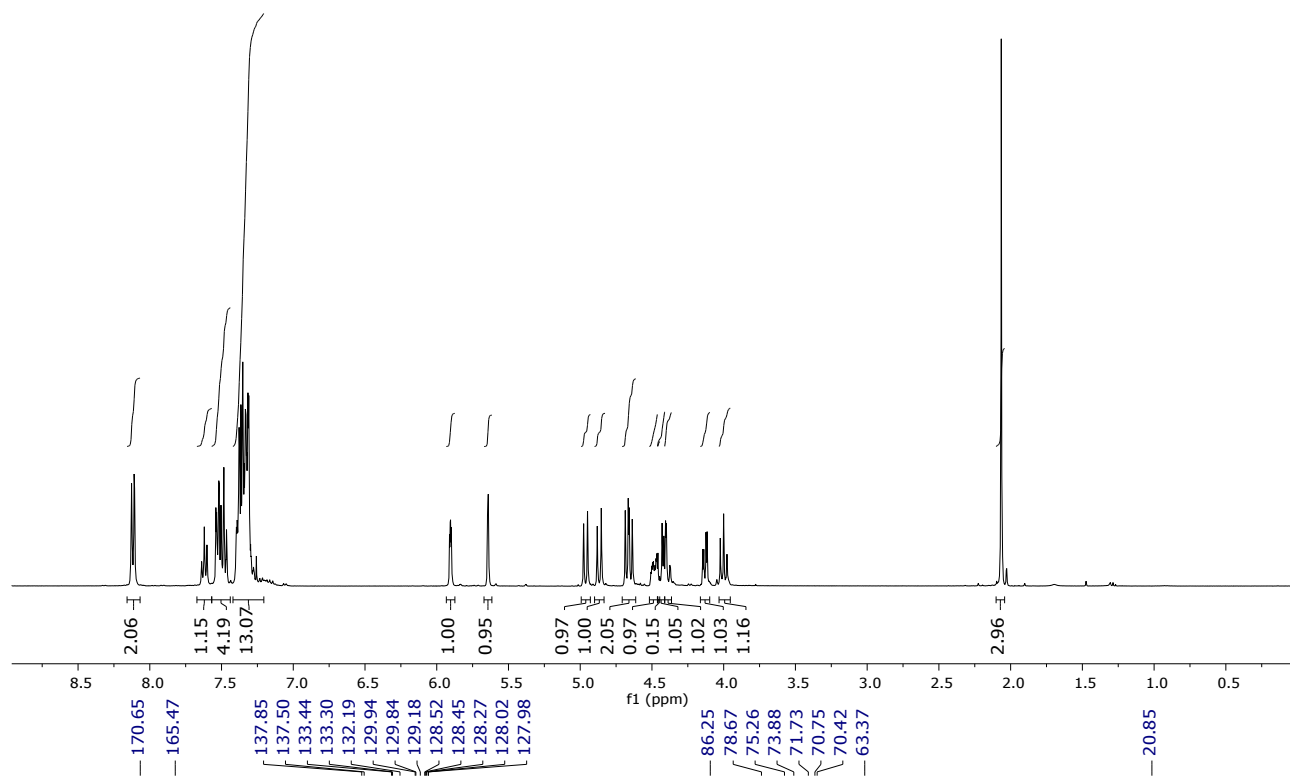








$^1\text{H-NMR}$, CDCl_3 , 400 MHz



$^{13}\text{C-NMR}$, CDCl_3 , 101 MHz

