

Supporting Information for

**Internal asymmetric induction by C-6 substituent on the
oxidation reaction of interglycosidic sulfur atom of
thiodisaccharides**

Juan Pablo Colomer,^{*,[a]} Alicia Beatriz Peñéñory^[a] and Oscar Varela^{*,[b]}

^[a]INFIQC-CONICET-UNC, Depto. Química Orgánica, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba, Haya de la Torre esq. Medina Allende s/n, 5016 Córdoba, Argentina.

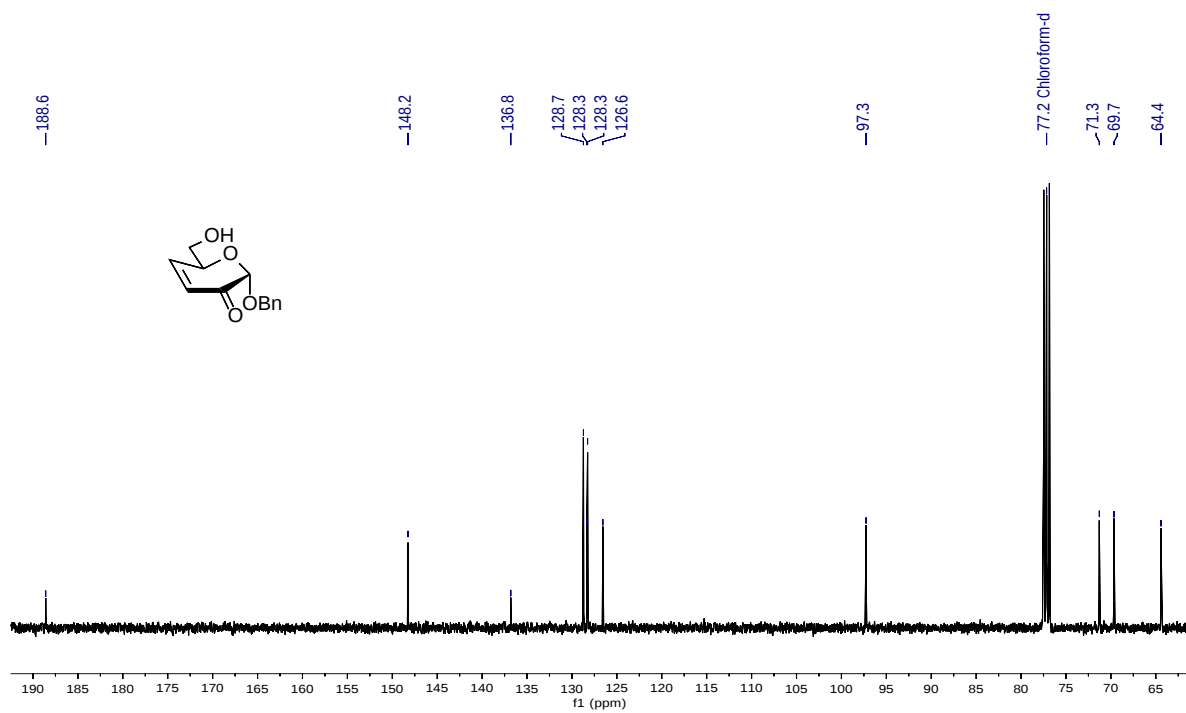
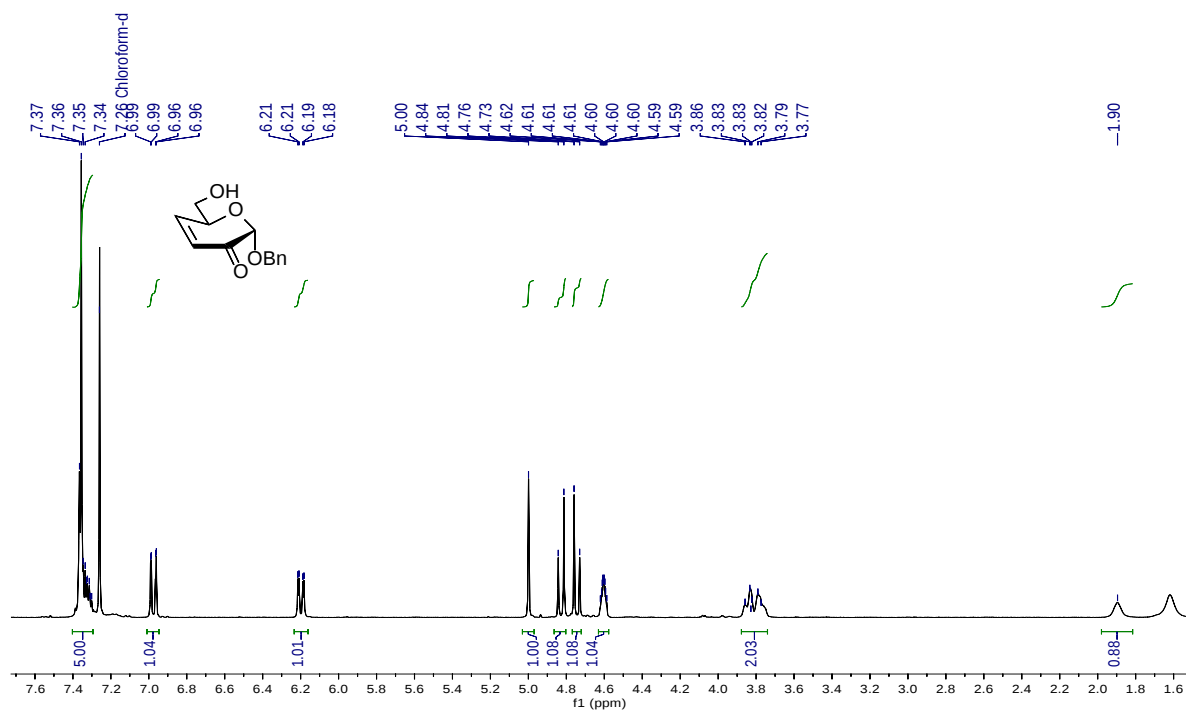
^[b]CIHIDECAR-CONICET-UBA, Depto. Química Orgánica, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Pabellón II, Ciudad Universitaria, 1428 Buenos Aires, Argentina.

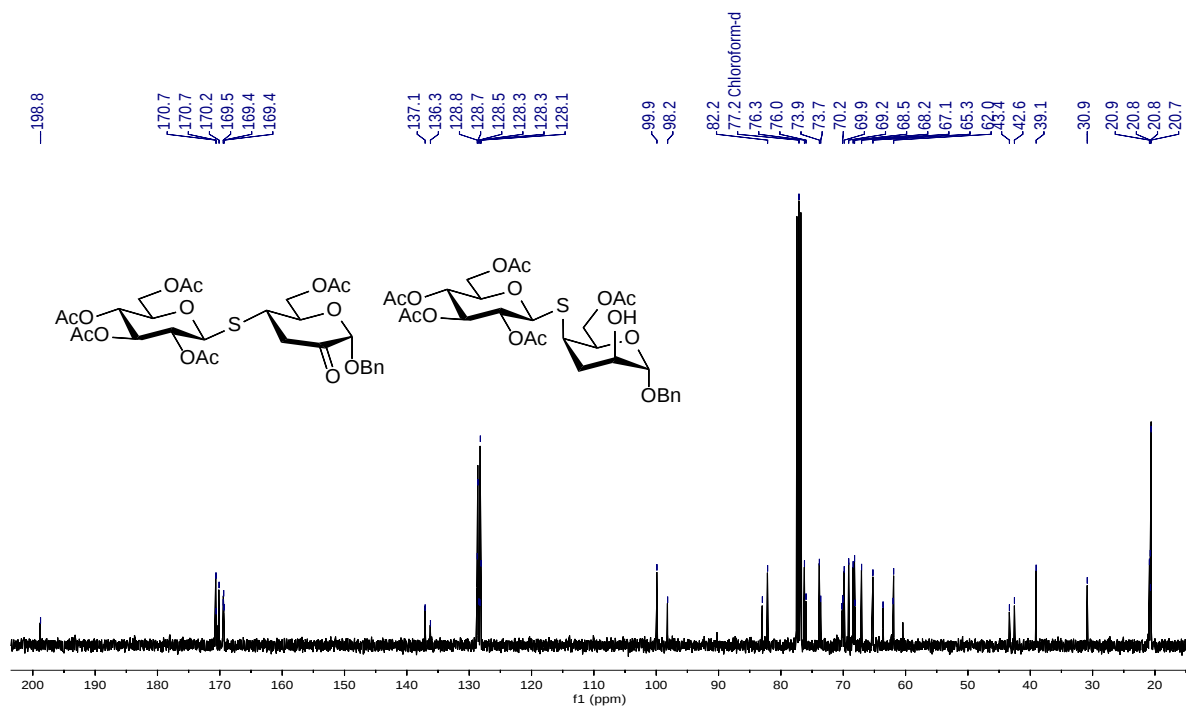
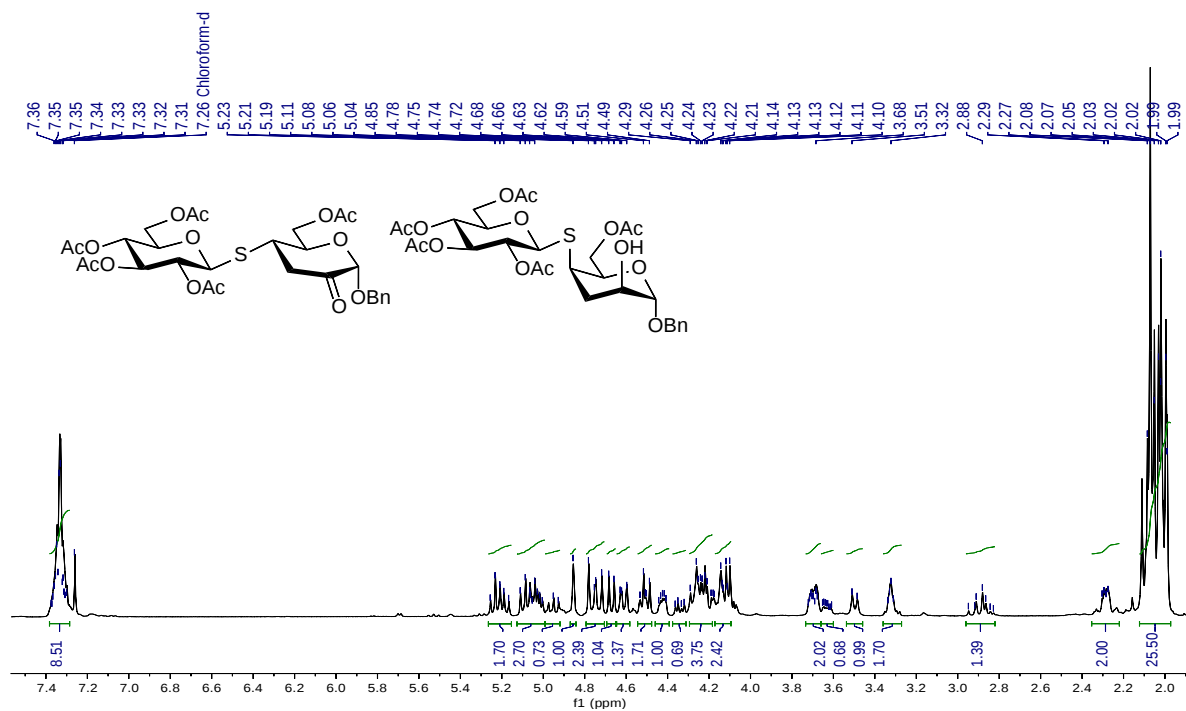
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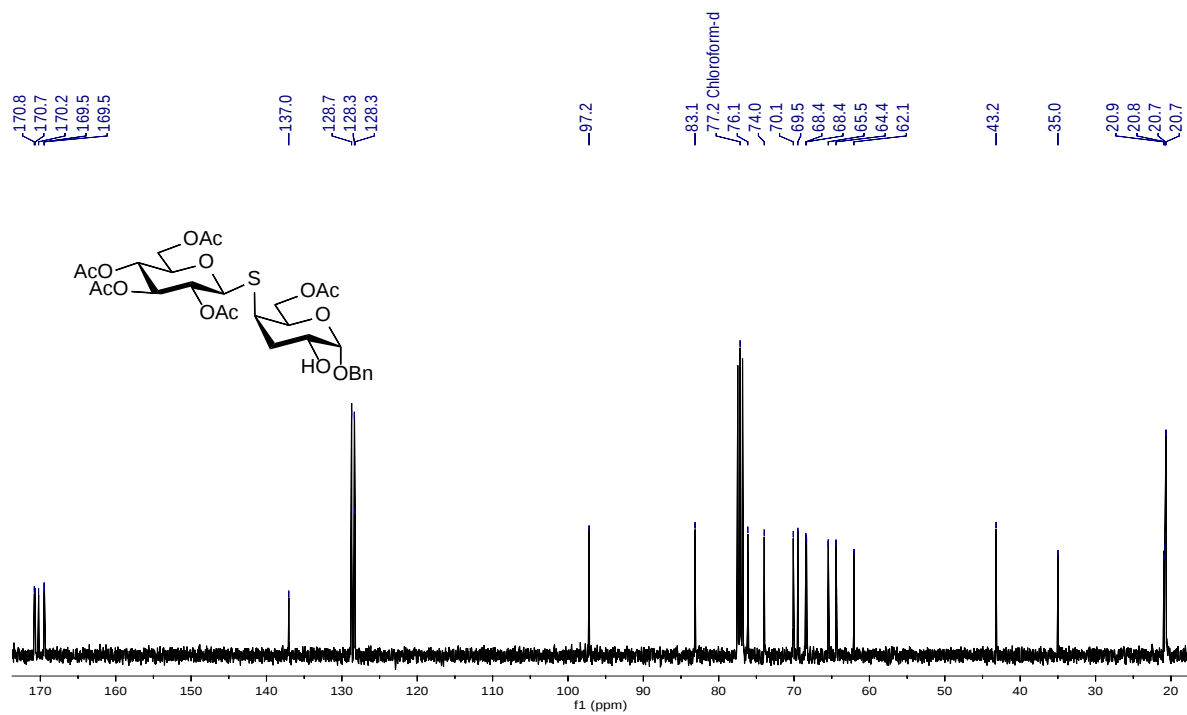
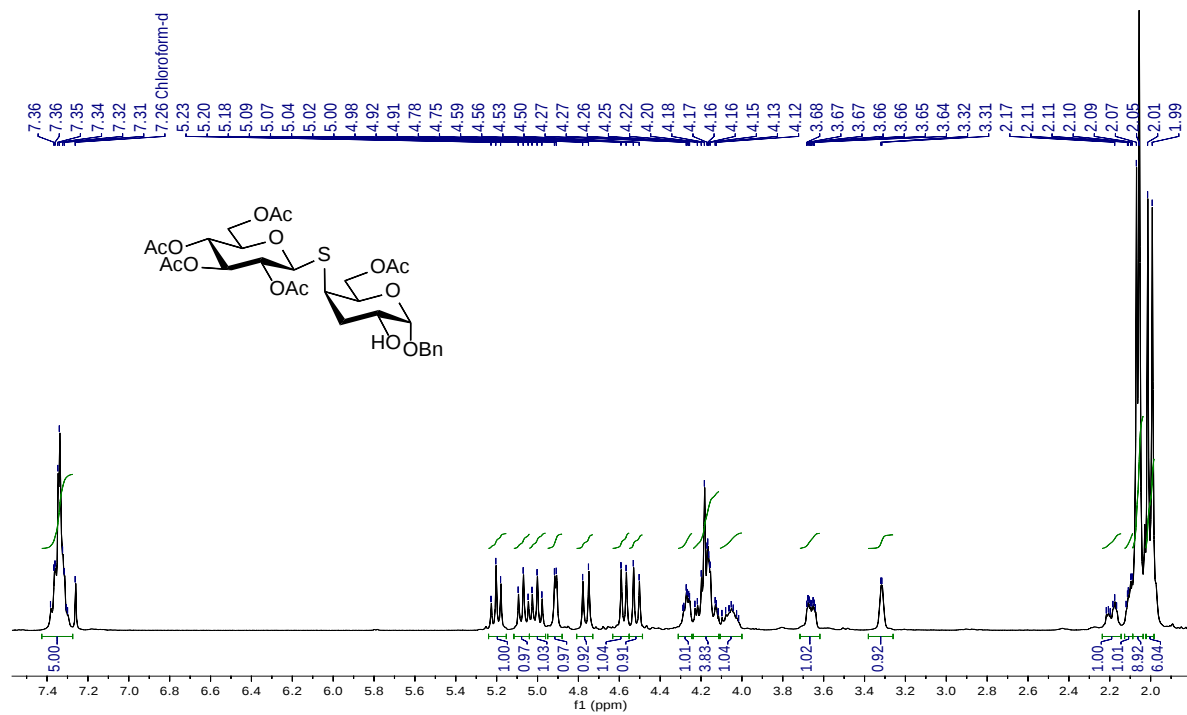
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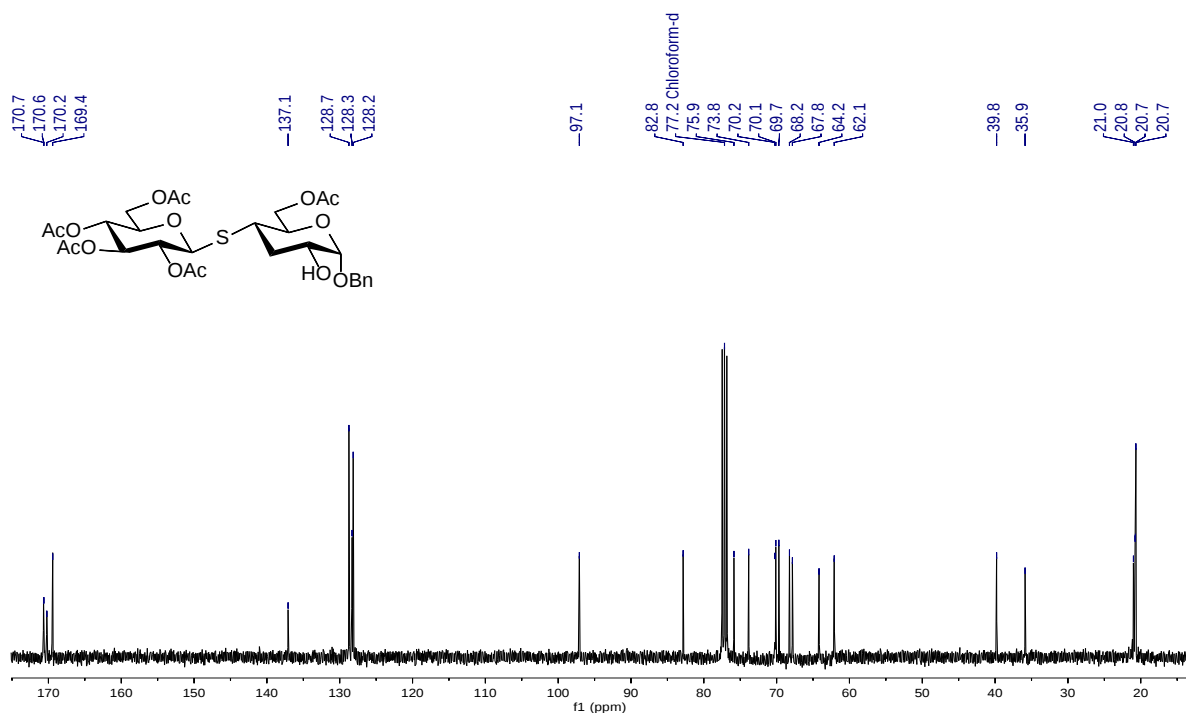
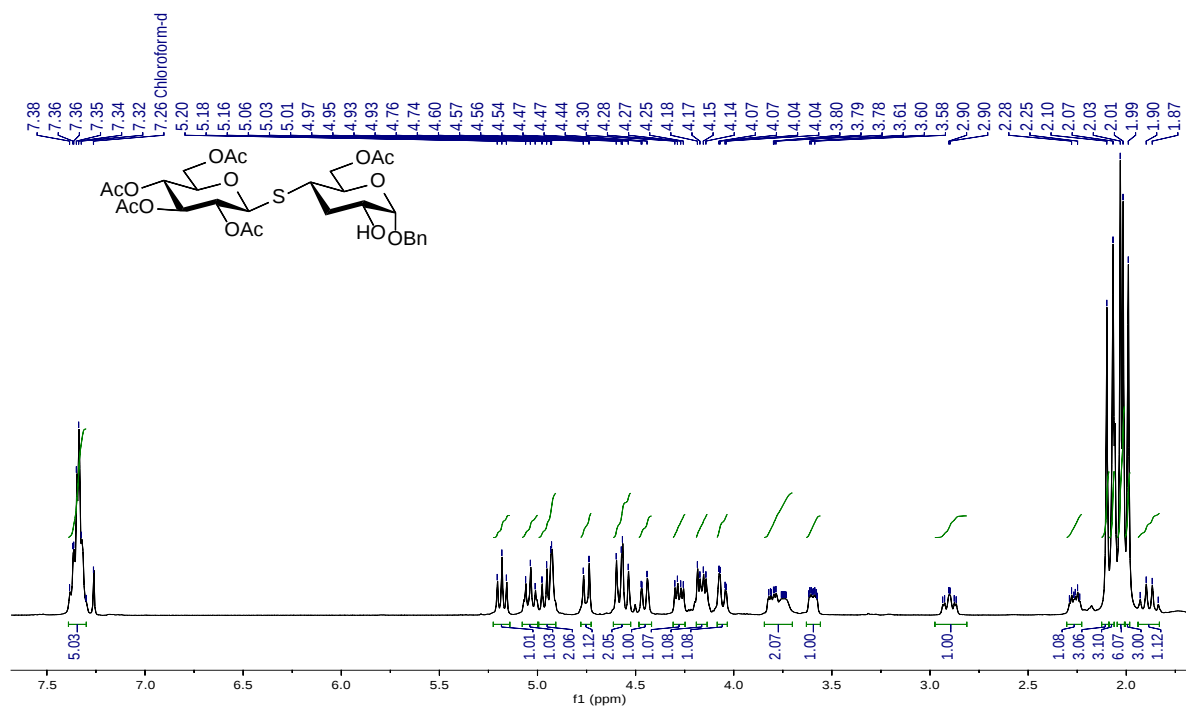
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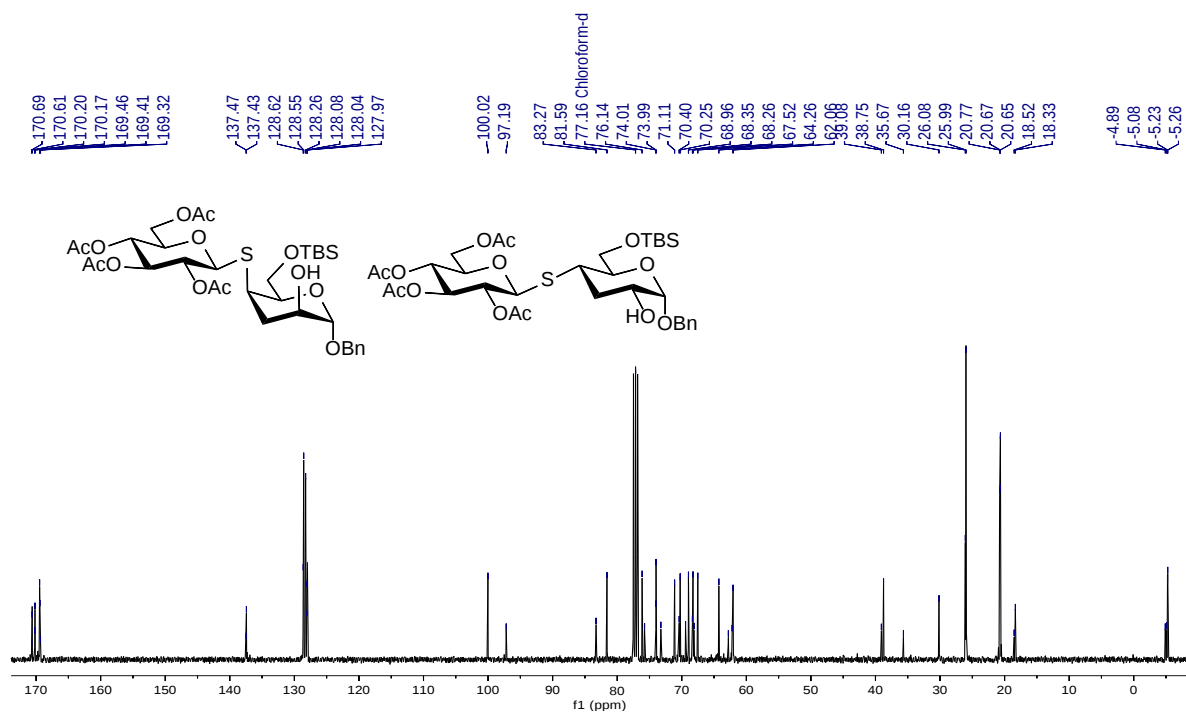
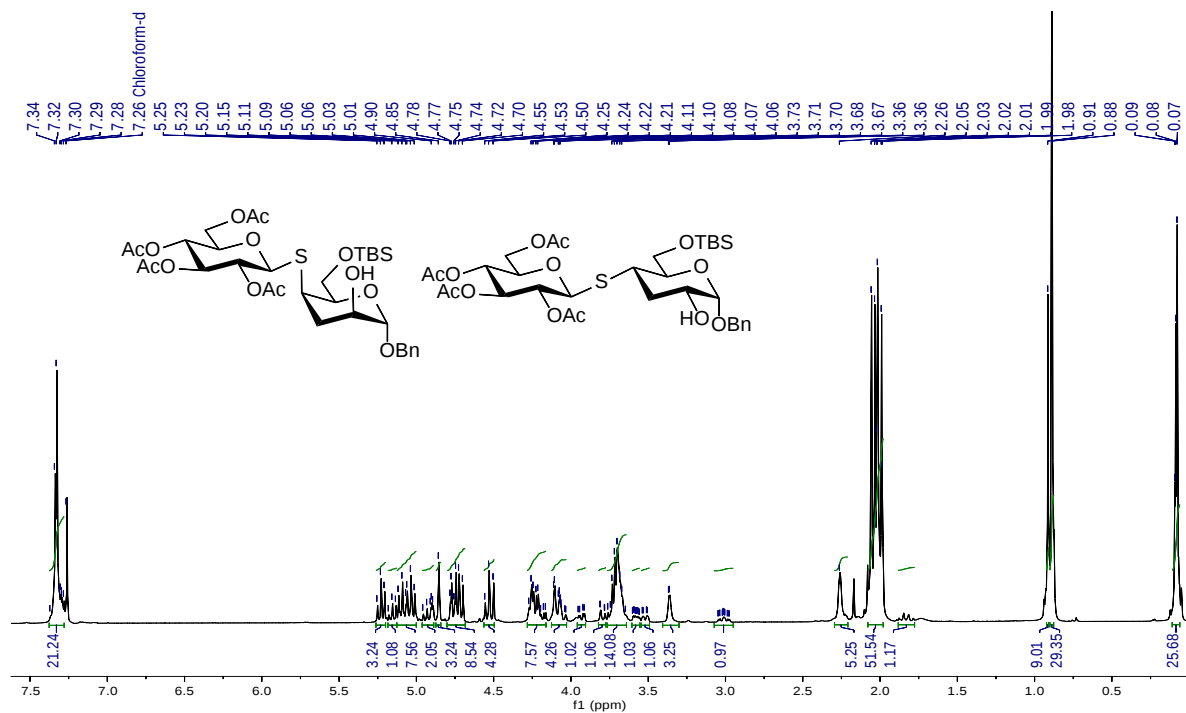
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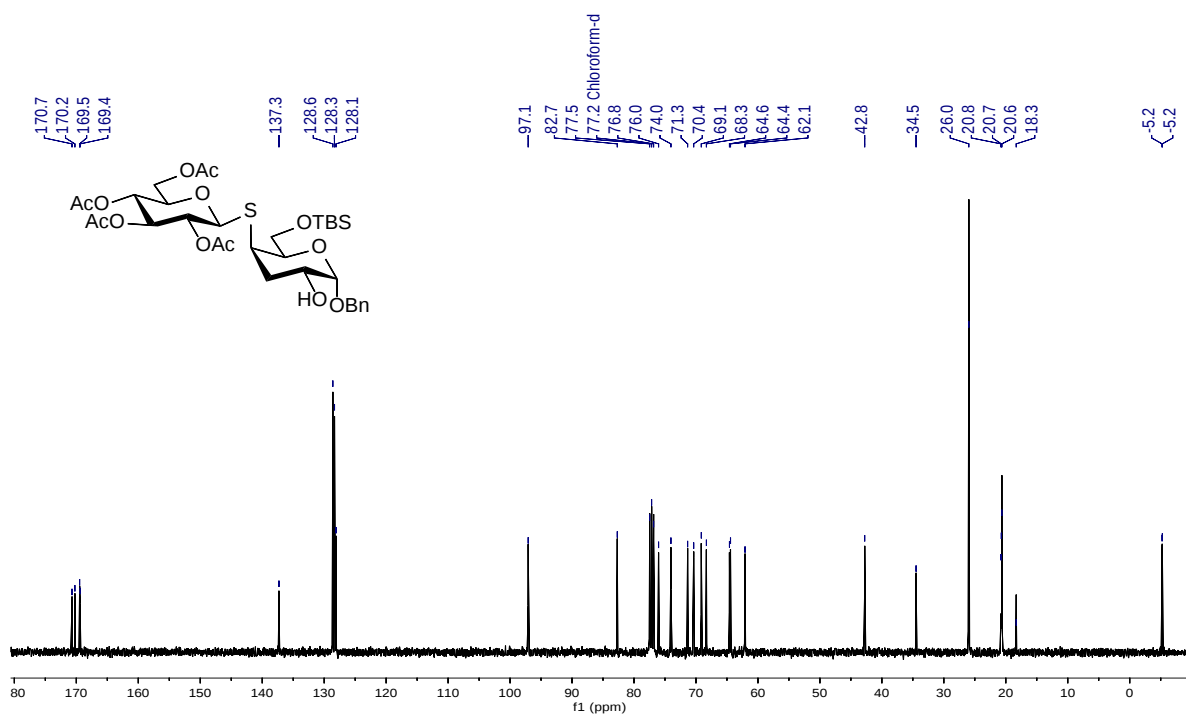
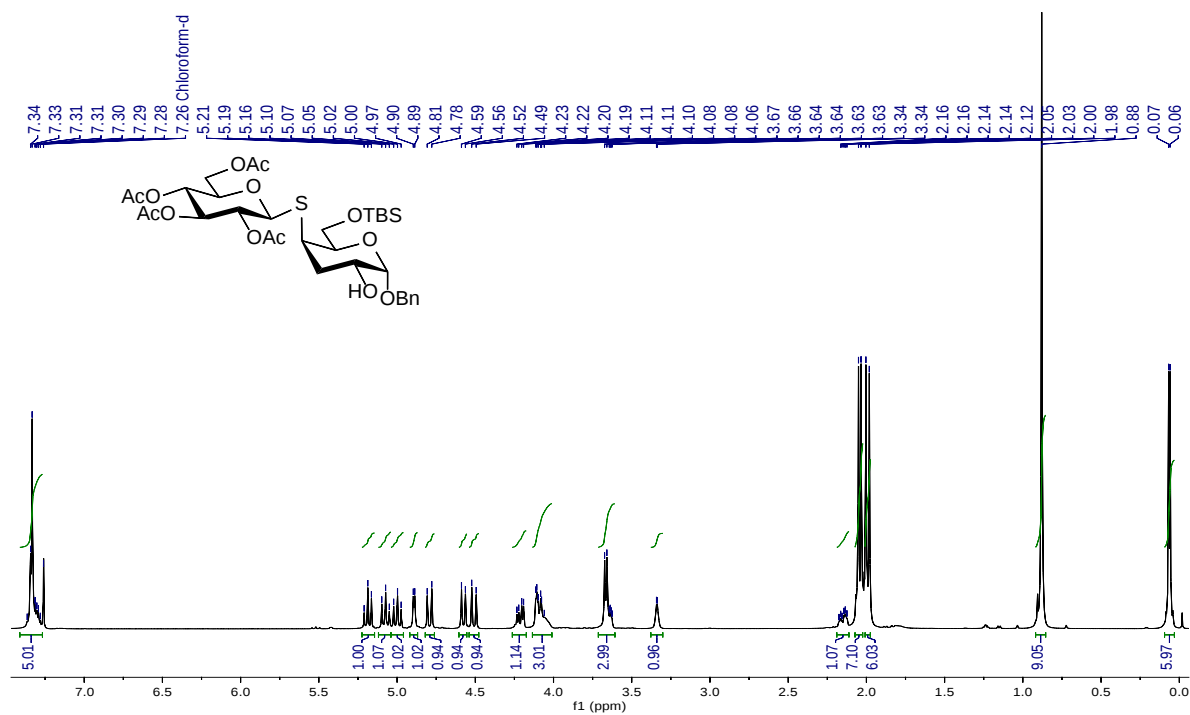


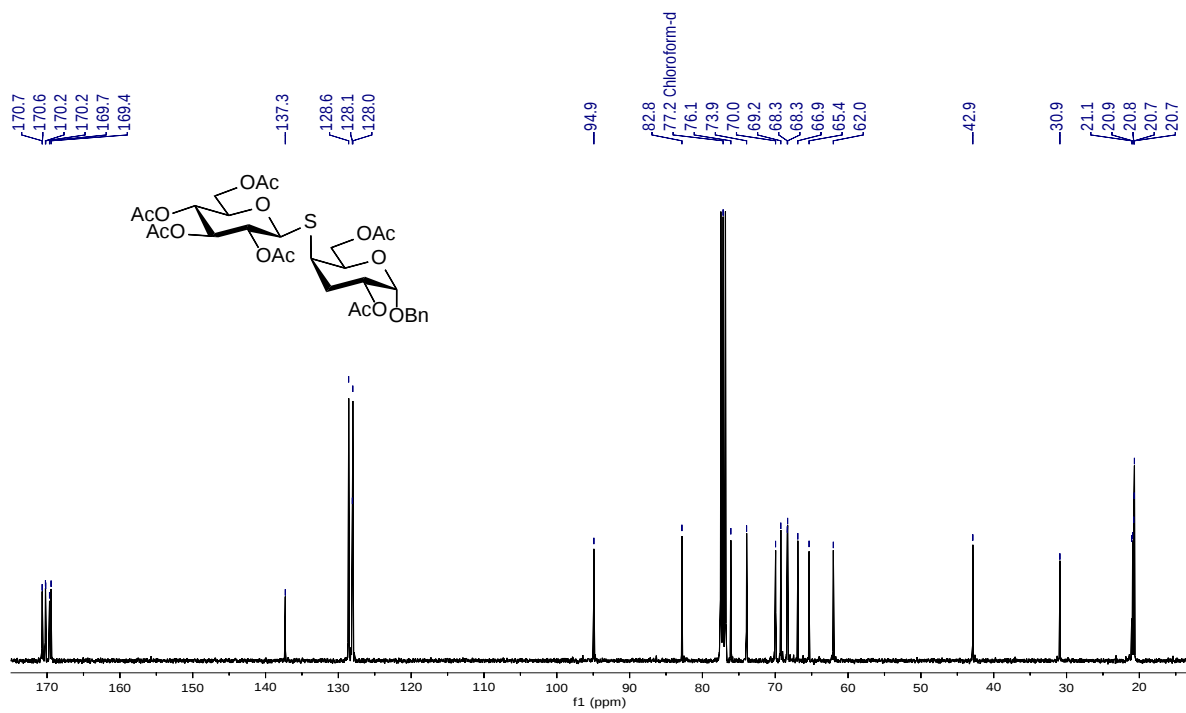
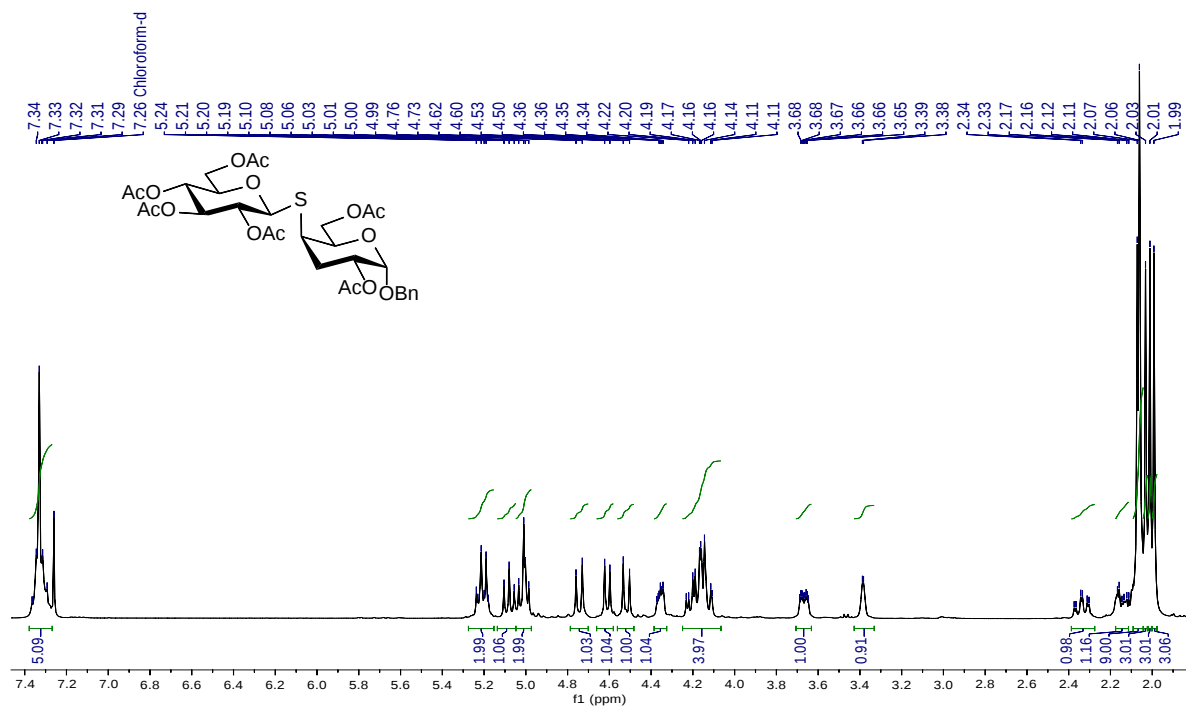


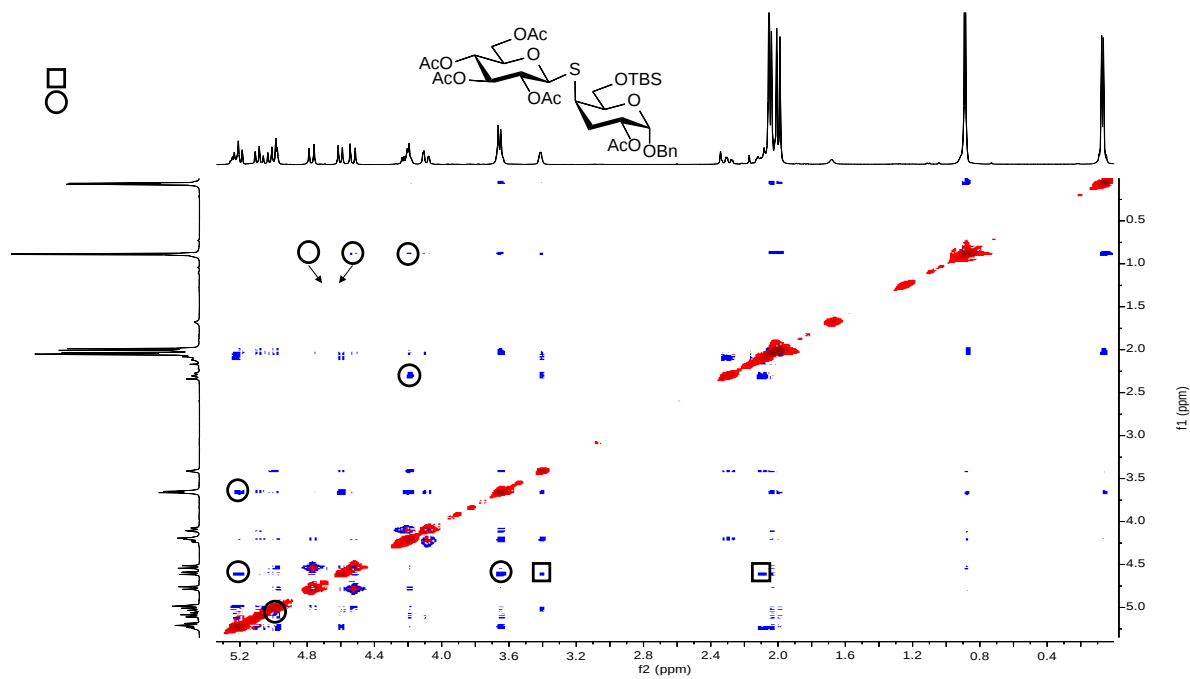
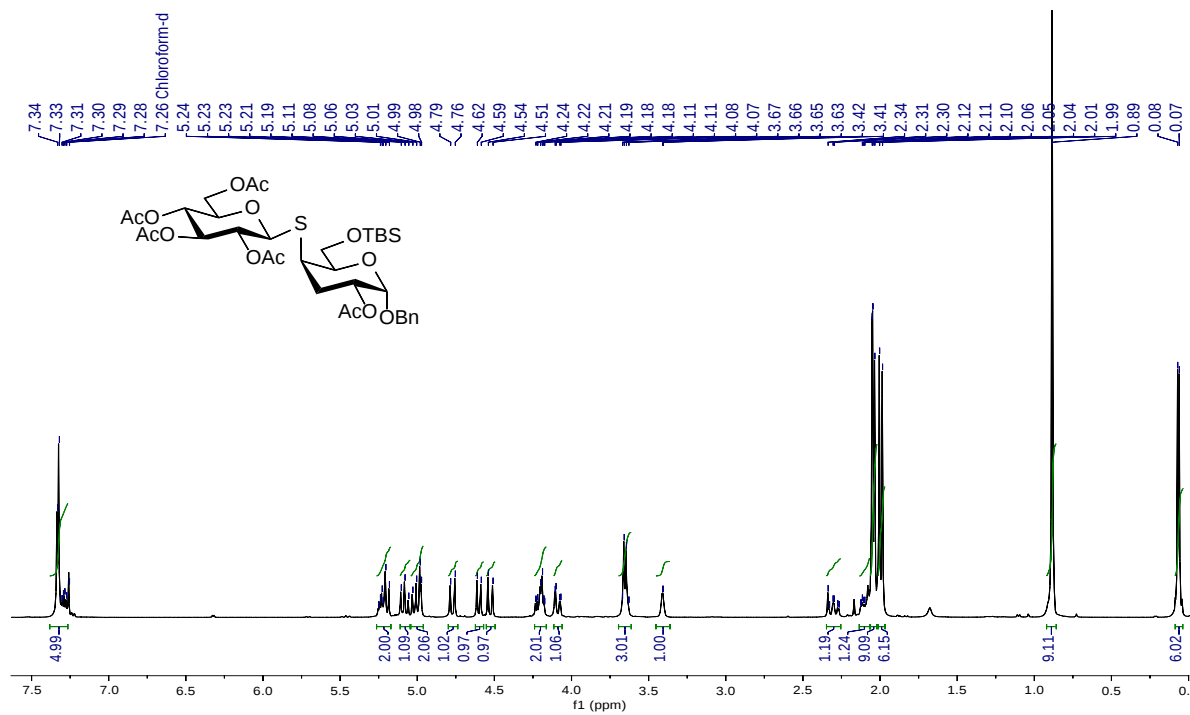


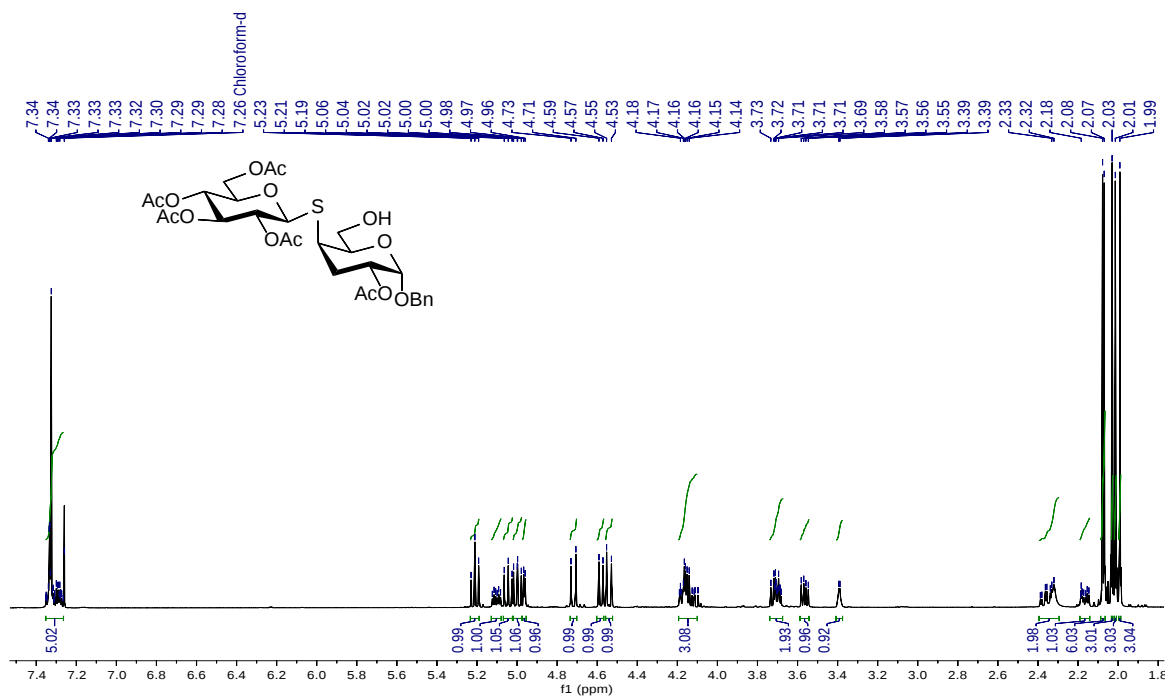
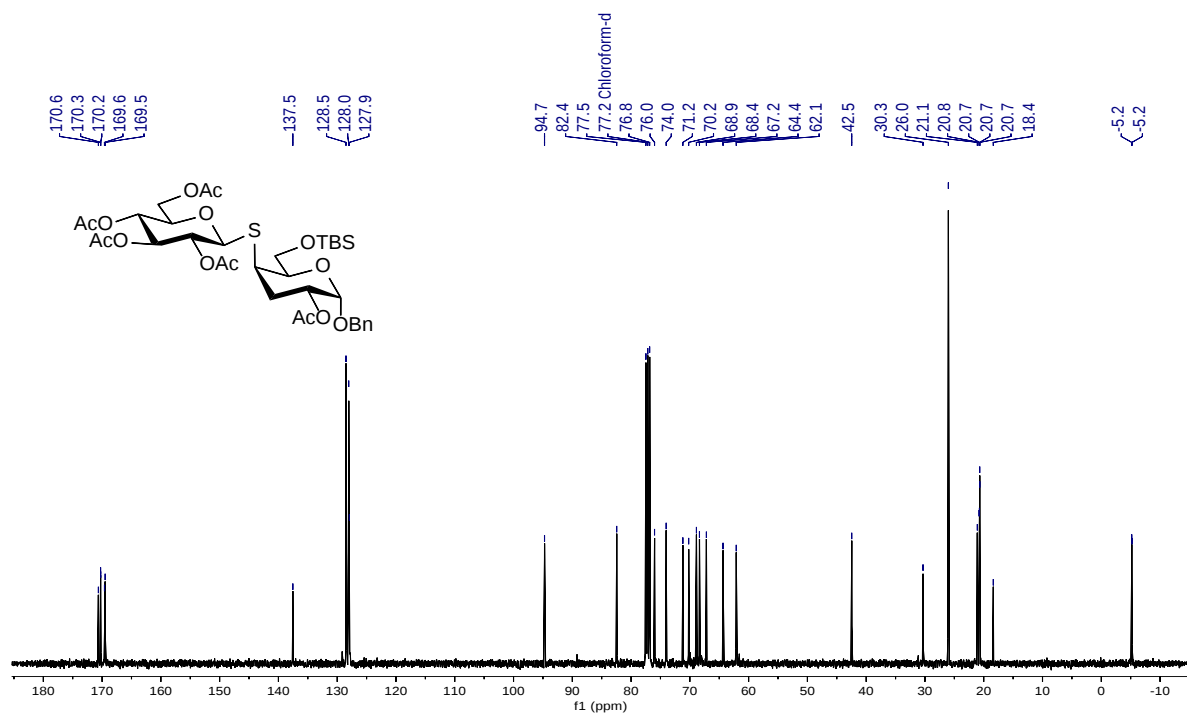


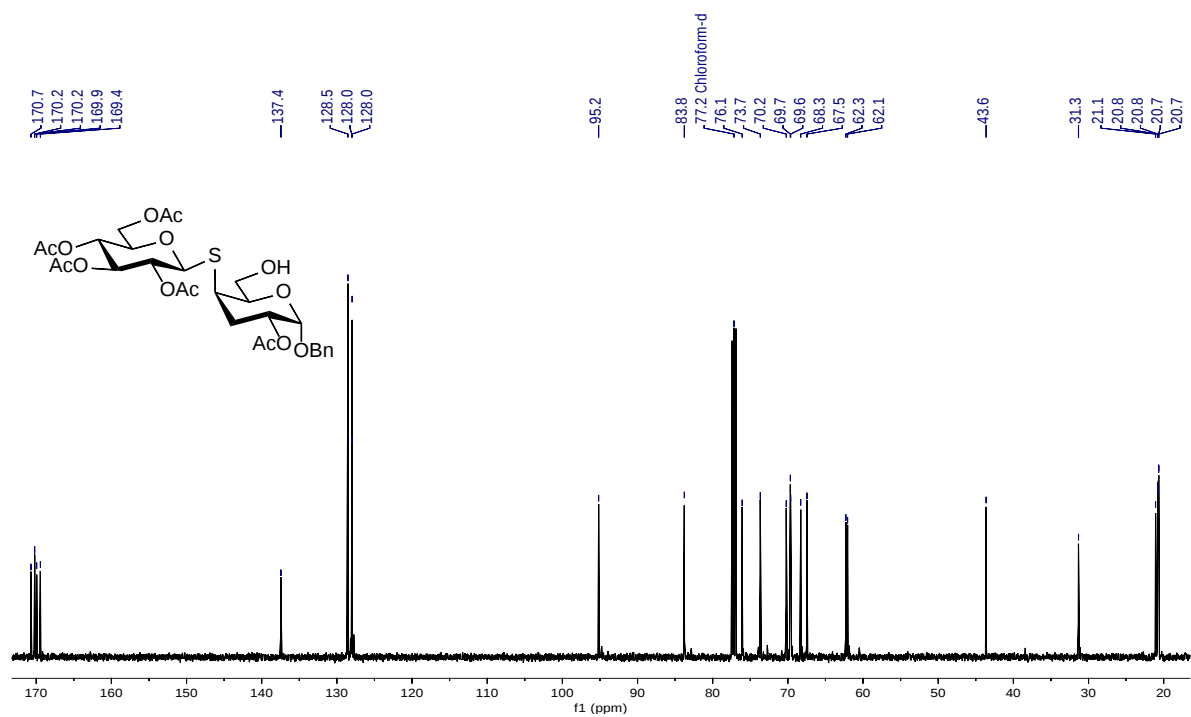
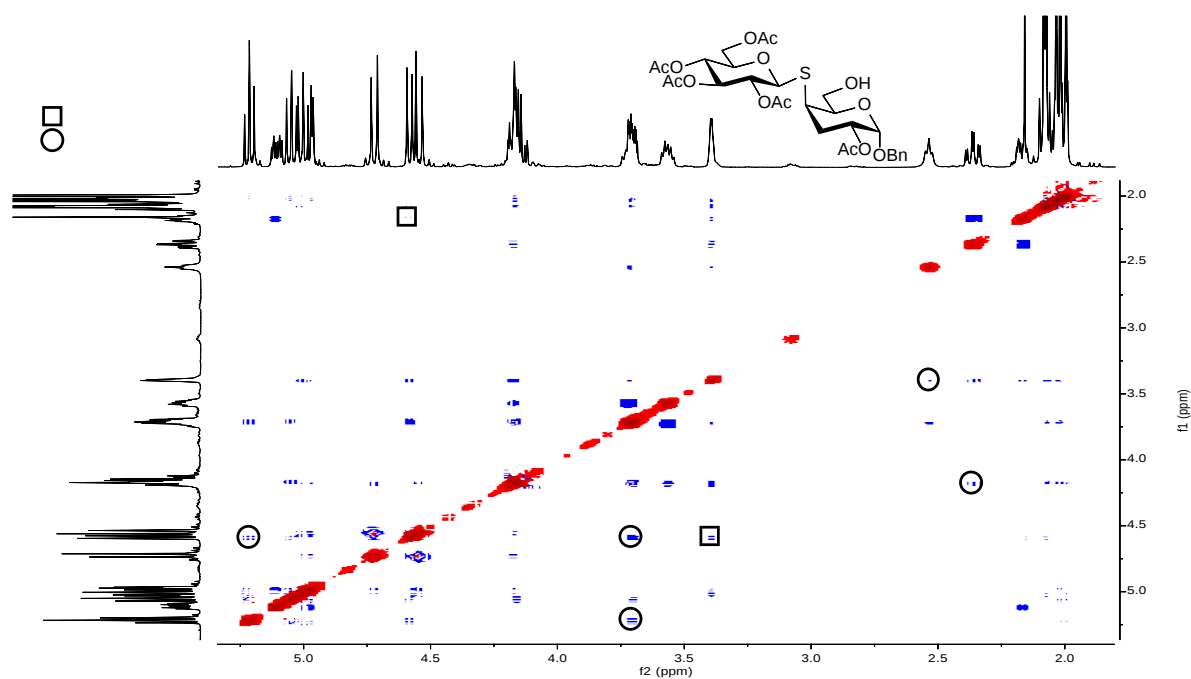


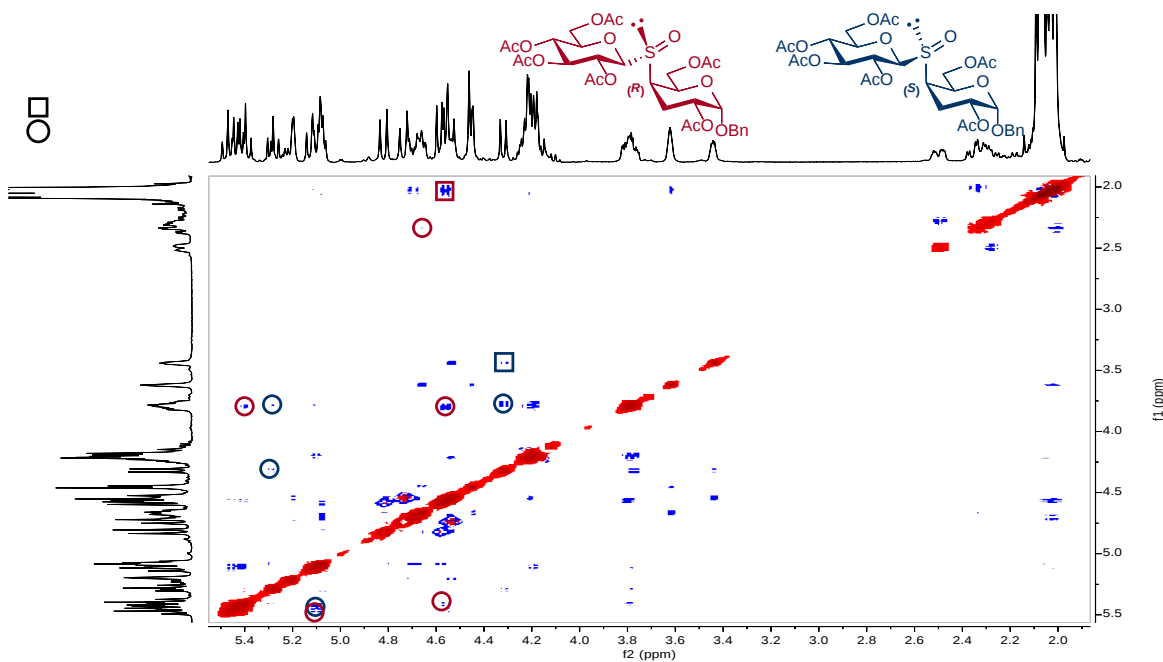
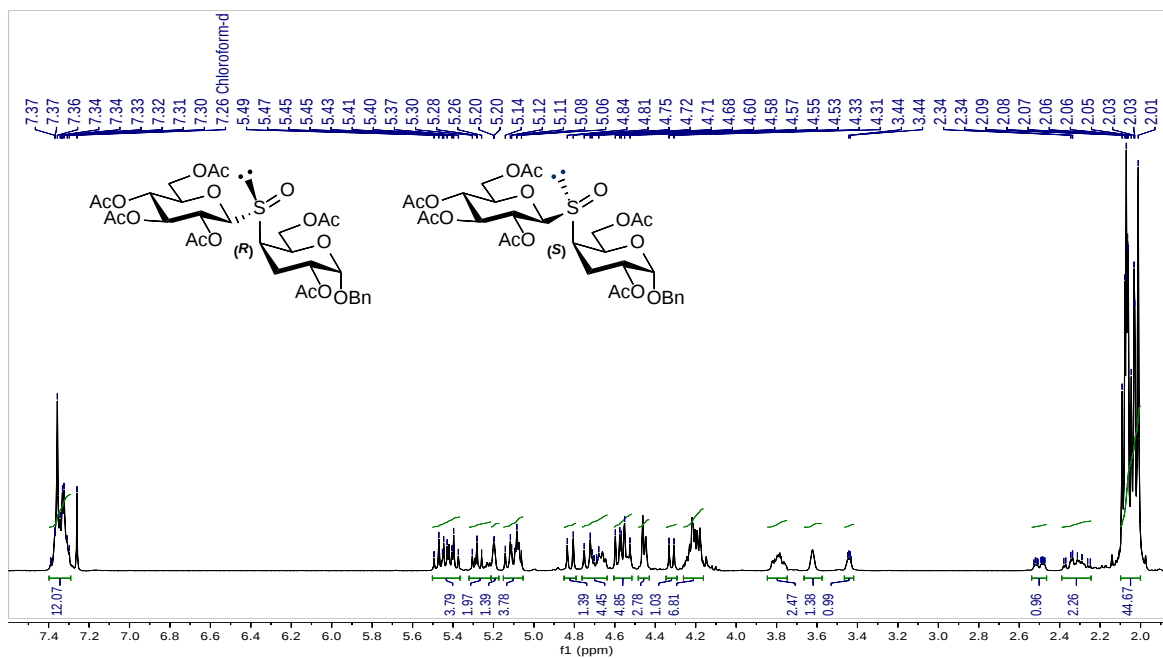


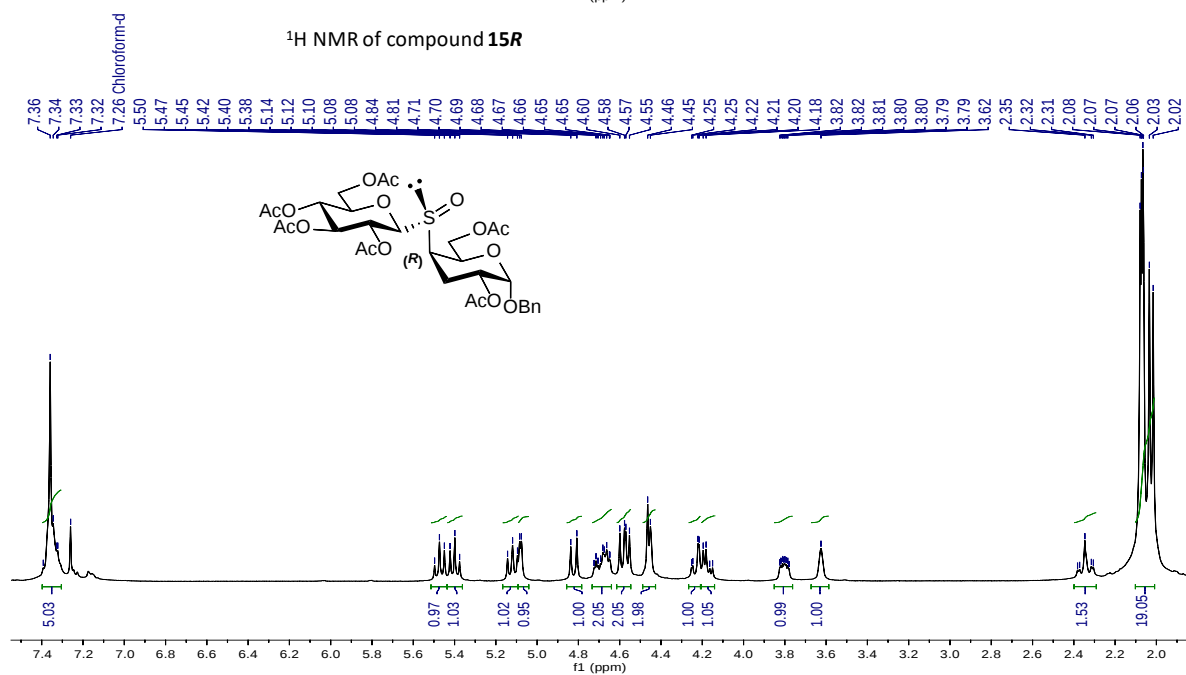
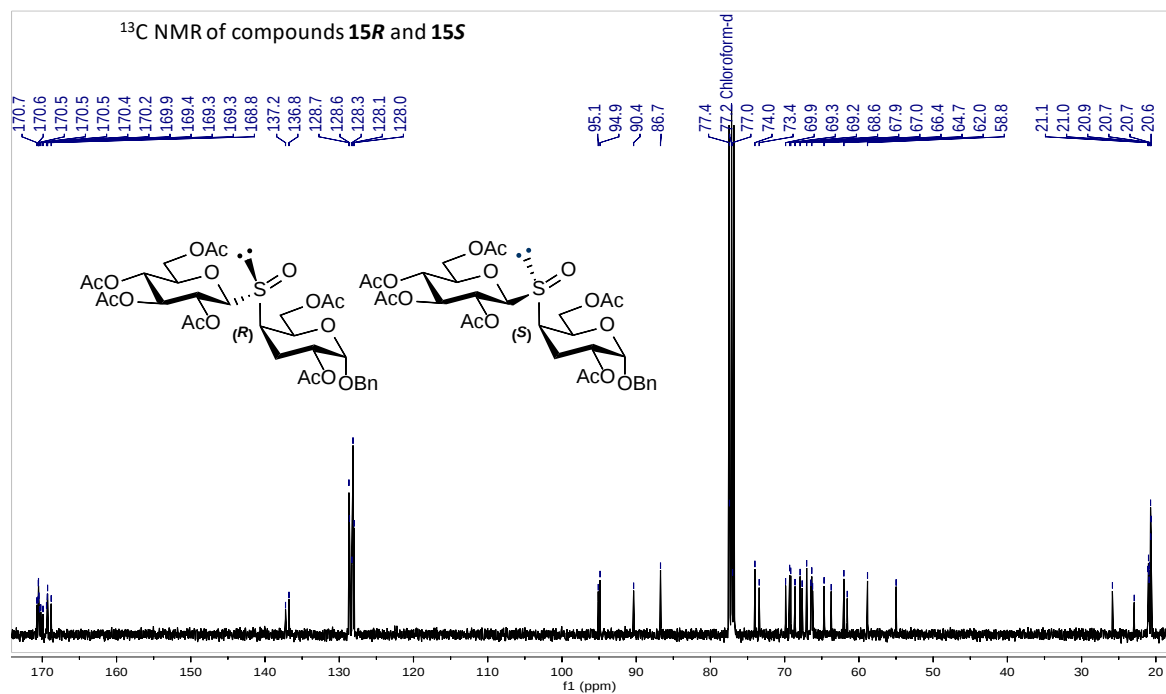


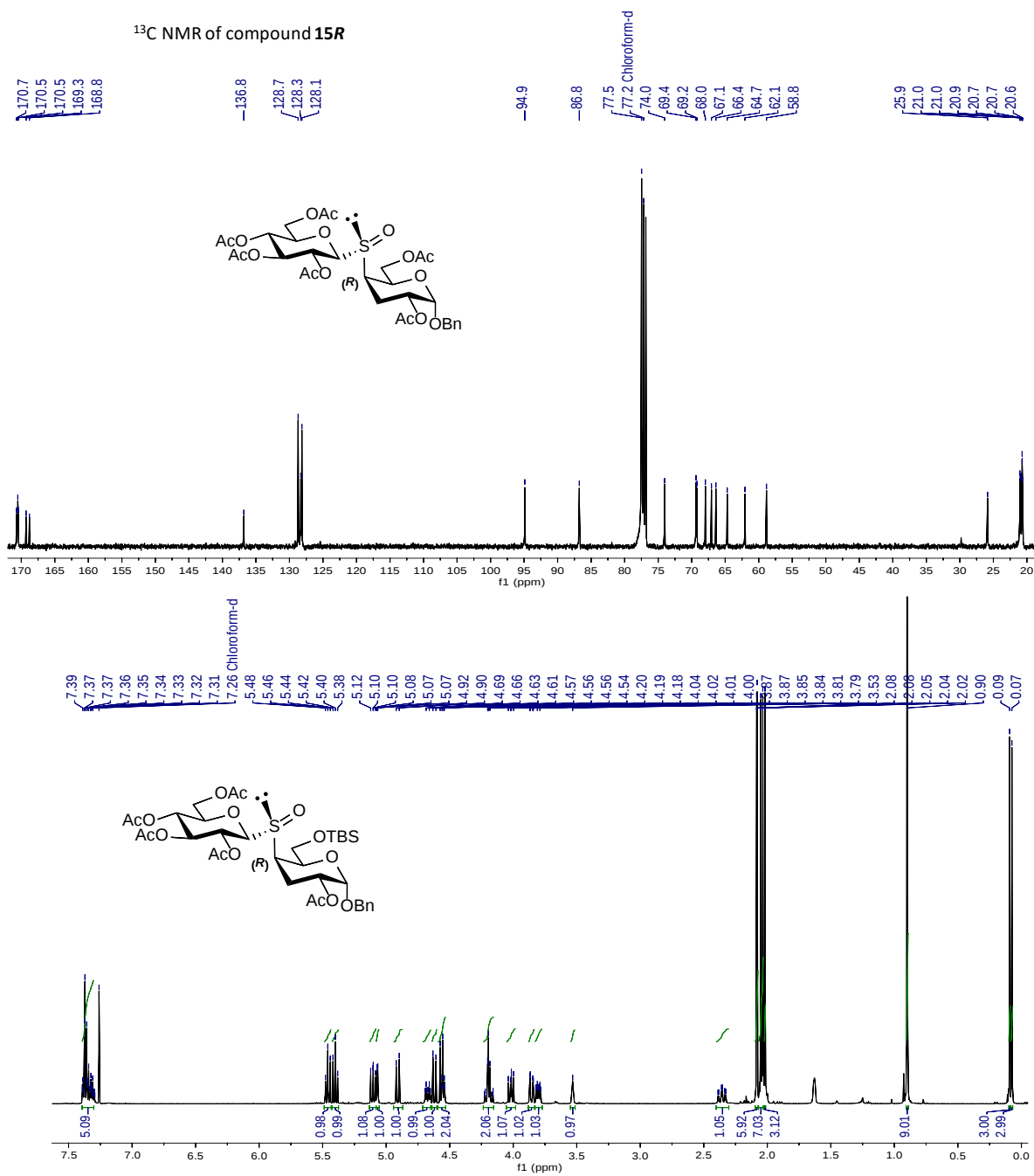


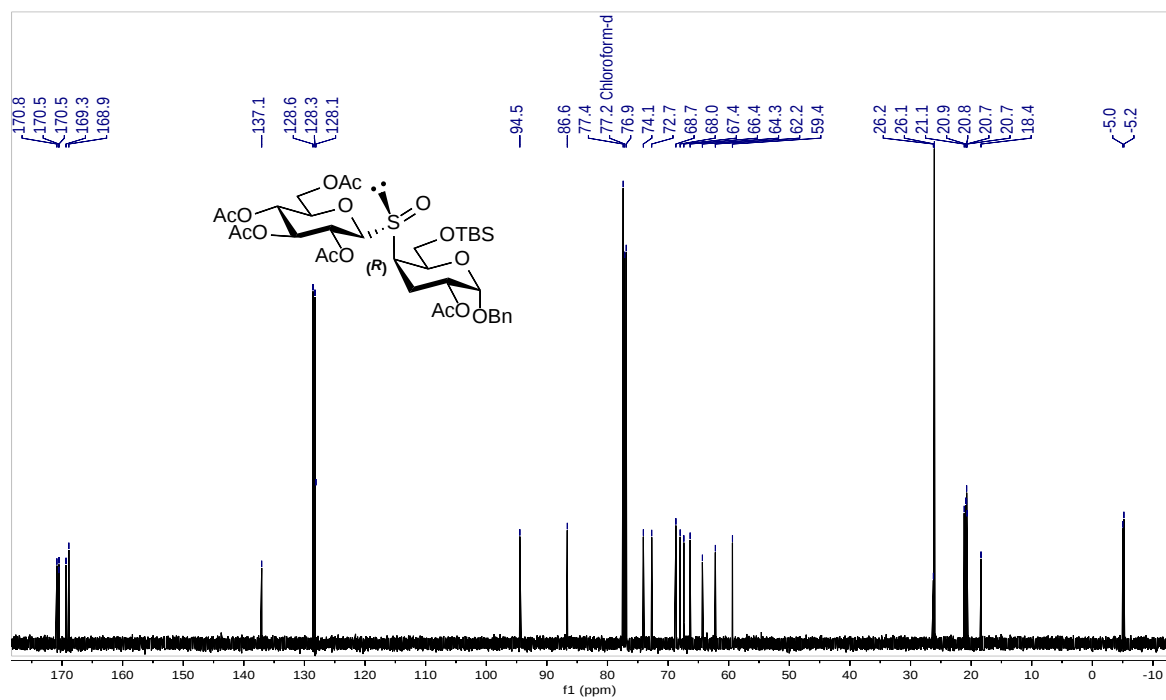
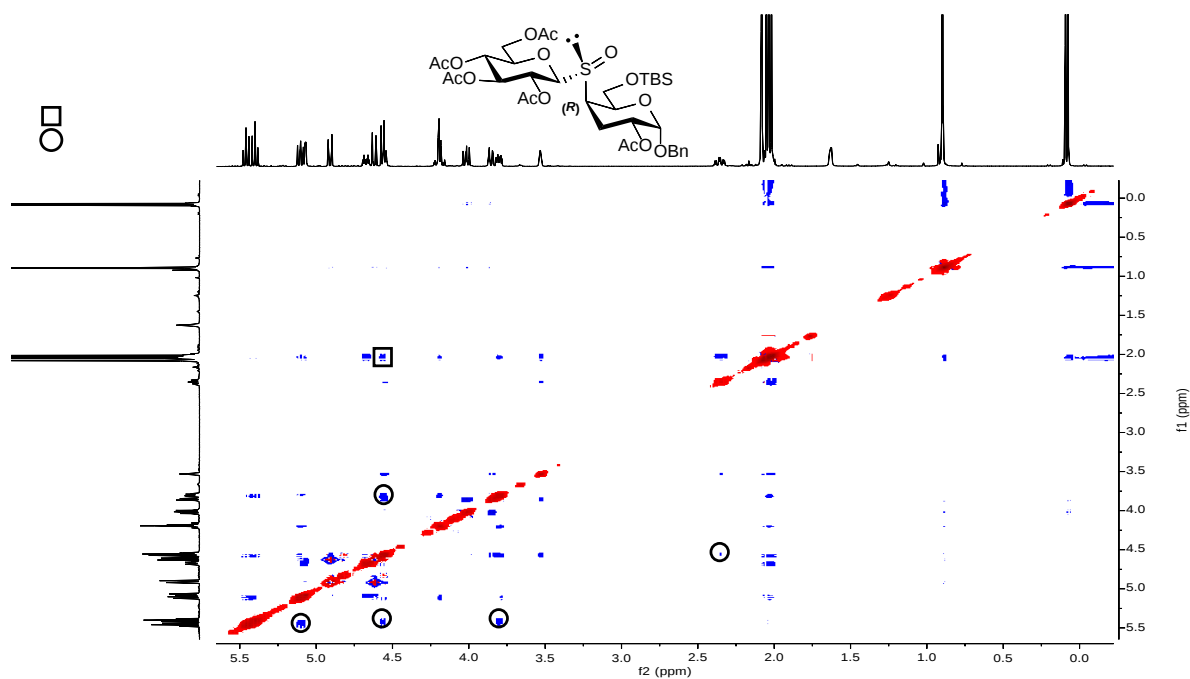


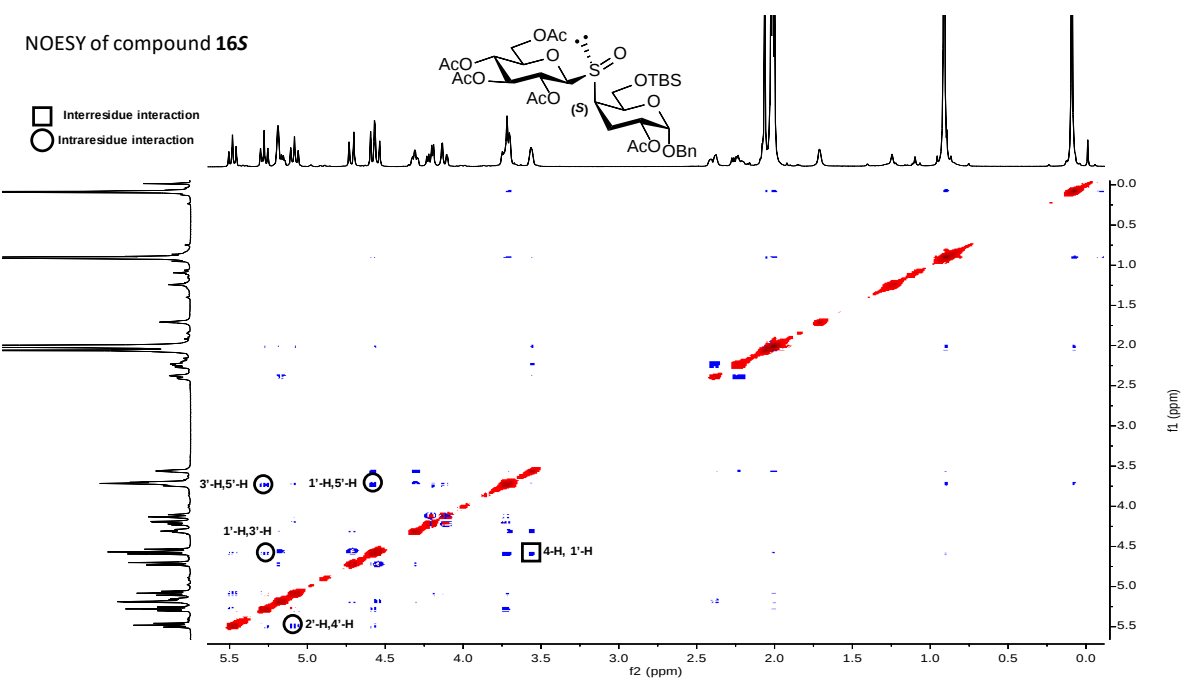
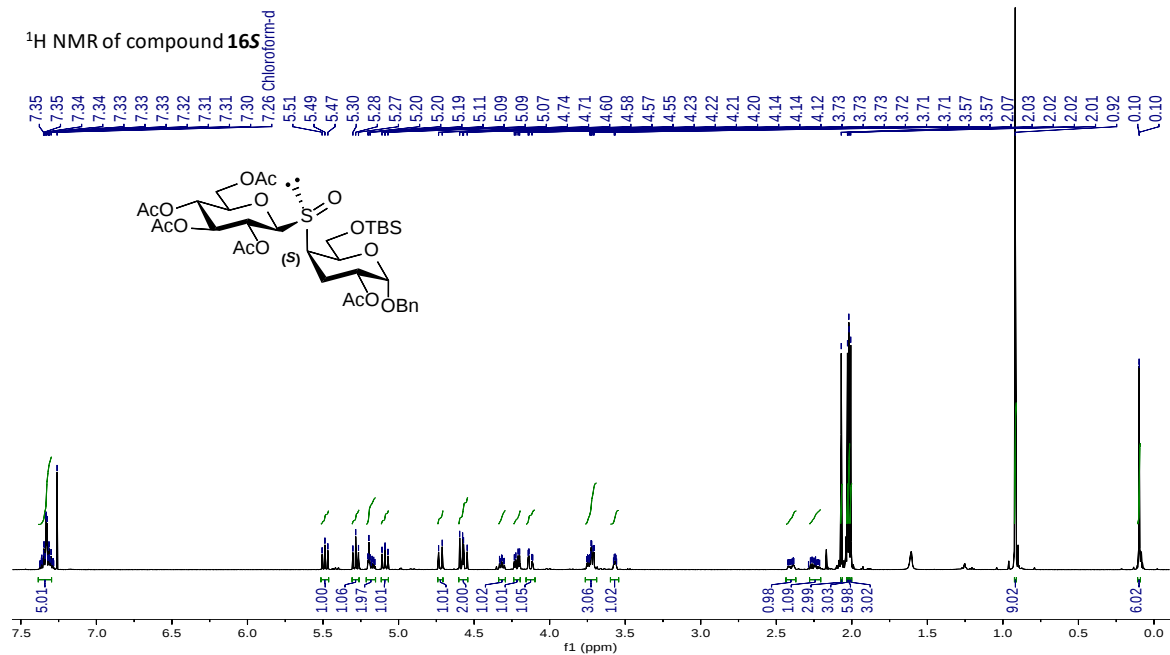










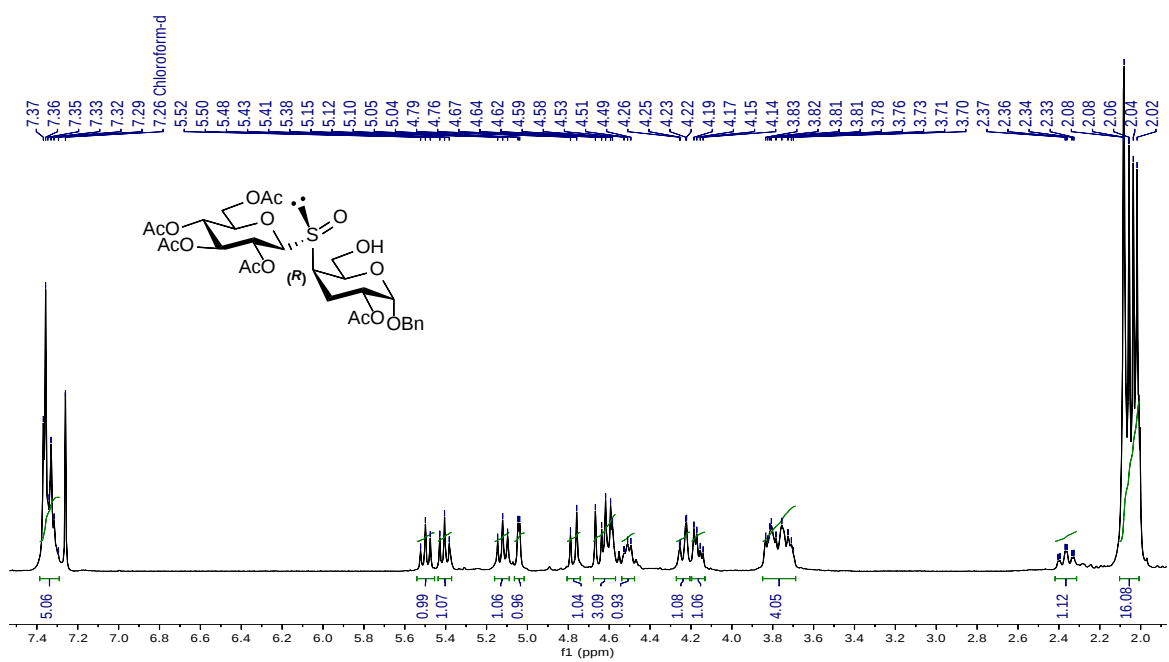


¹³C NMR of compound **165**

Chemical structure of compound **165** is shown above the spectrum. The structure is a complex molecule with a central sulfur atom bonded to a phenyl group, a phenylthio group, and a phenyl group. It also has a phenyl group, a phenyl group, and a phenyl group.

¹³C NMR spectrum (CDCl₃) of compound **165**. The x-axis represents the chemical shift in ppm, ranging from -10 to 170. The spectrum shows several peaks, with the following chemical shifts labeled above the spectrum:

- 170.6, 170.4, 170.0, 169.3, 168.9
- 137.5
- 128.6, 128.1, 128.0
- 95.2, 90.7, 77.4, 77.2, 77.0, 76.9, 73.9, 70.0, 68.2, 67.7, 67.6, 66.9, 66.9
- 26.0, 22.7, 21.0, 20.8, 20.7, 20.7, 18.4
- 5.2, -5.2



NOESY of compound **17R**

