

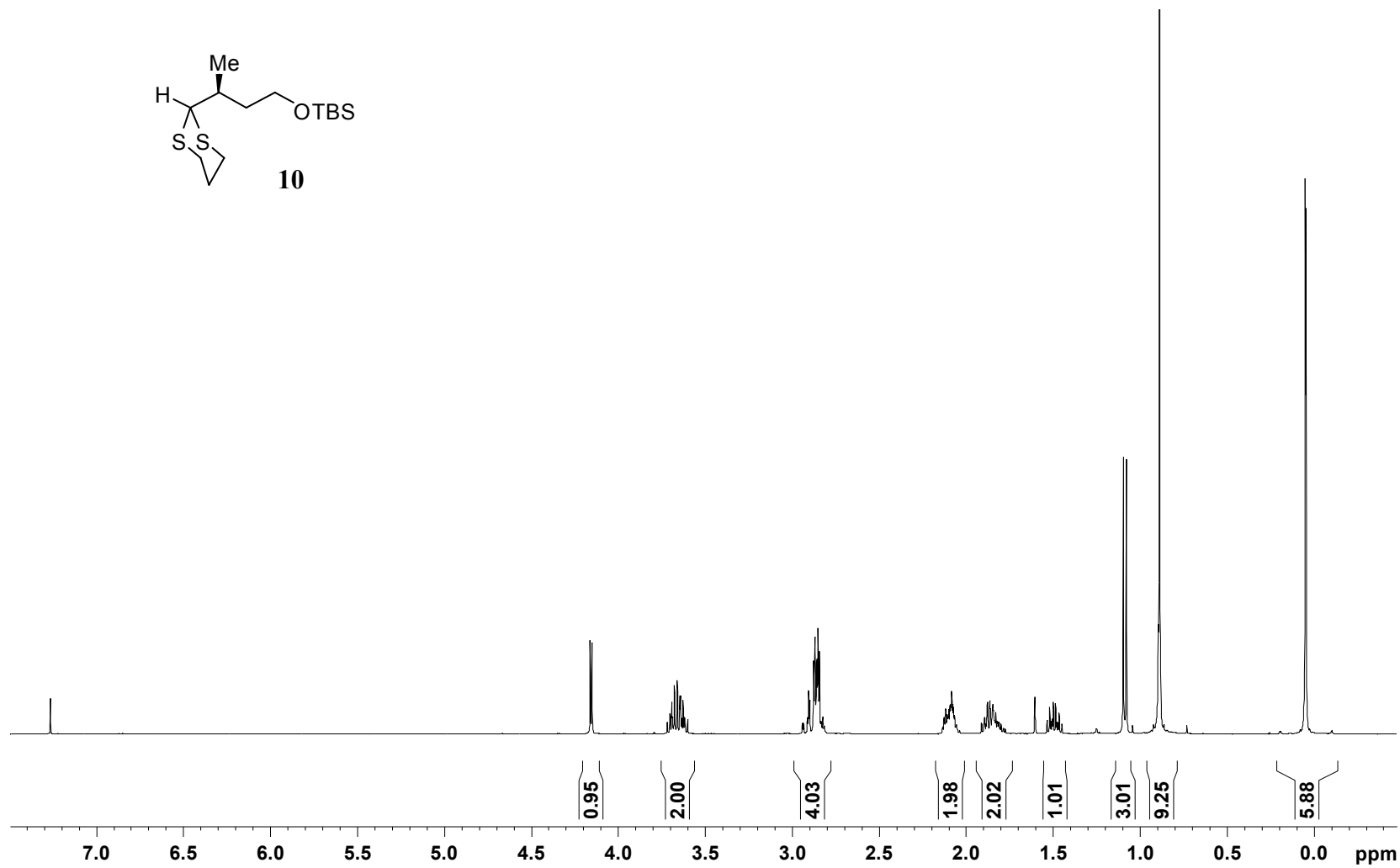
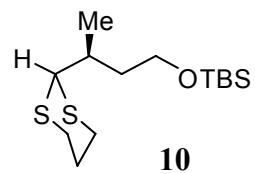
Electronic Supporting Information

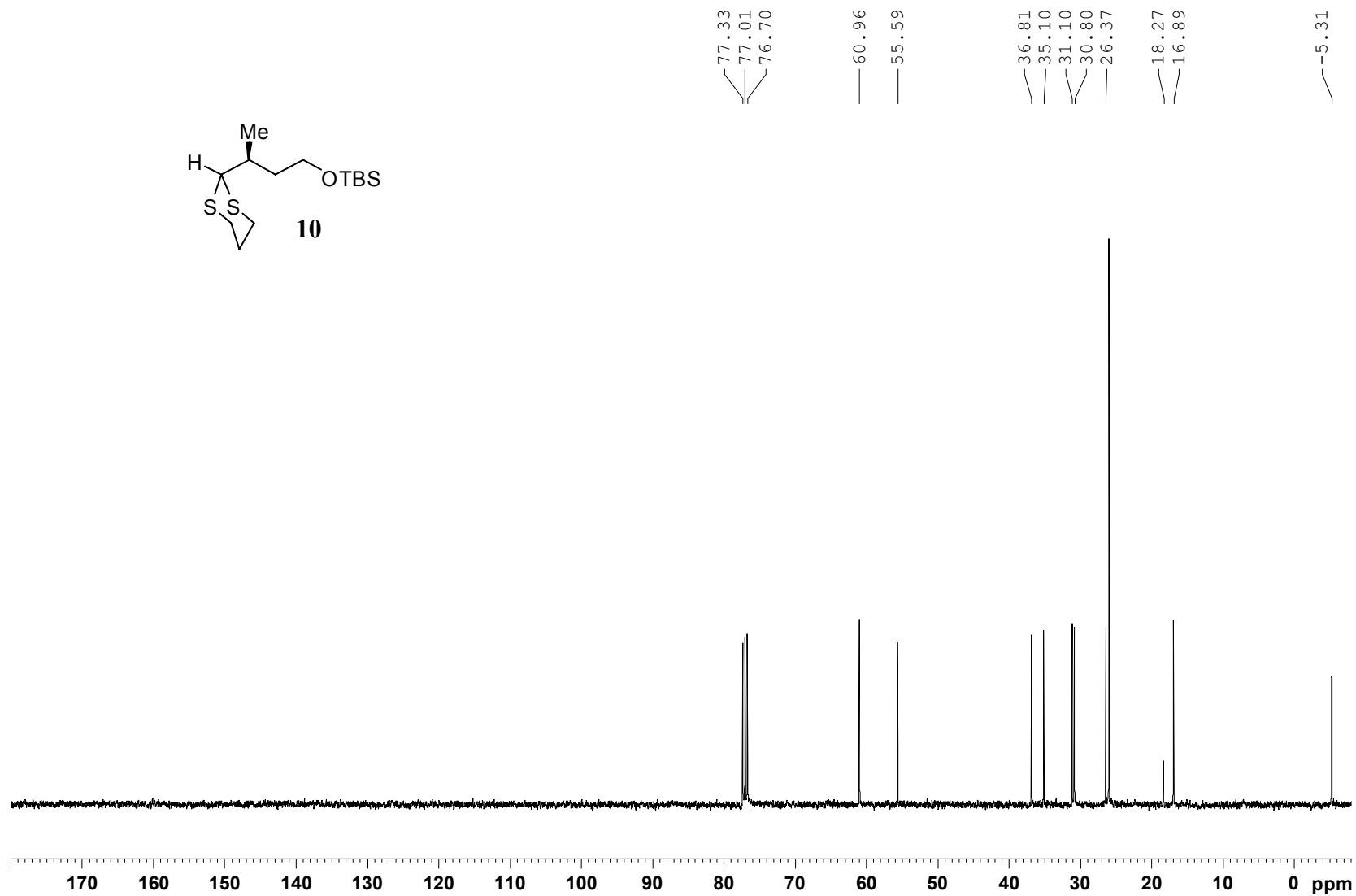
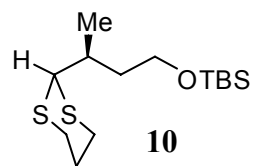
Synthesis of the Bis-spiroacetal C₂₅–C₄₀ Moiety of the Antimitotic Agent Spirastrellolide B using a Bis-dithiane Deprotection / Spiroacetalisation Sequence

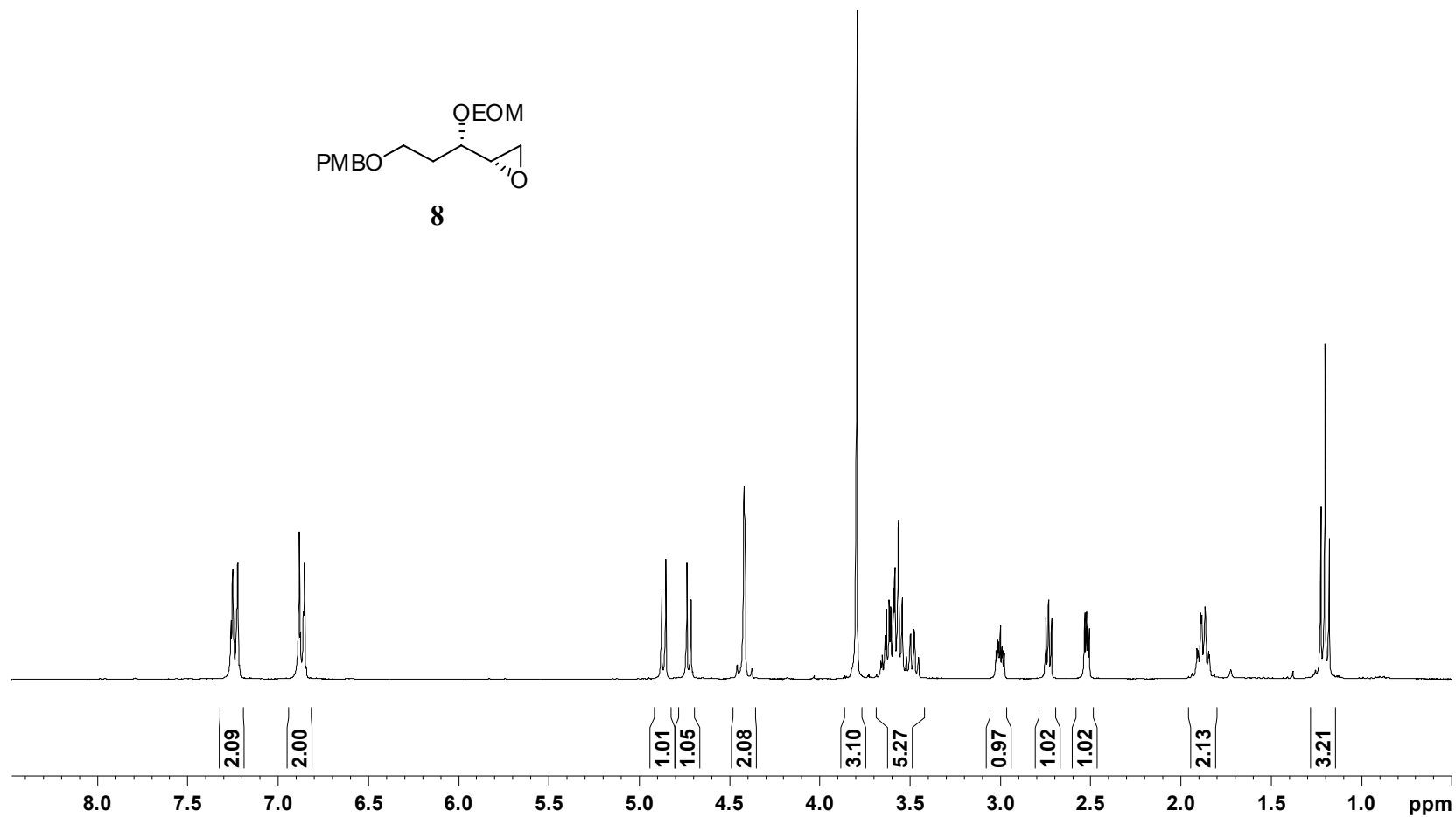
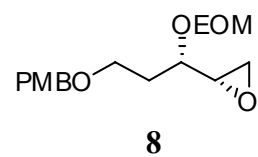
Jack Li-Yang Chen and Margaret A. Brimble*

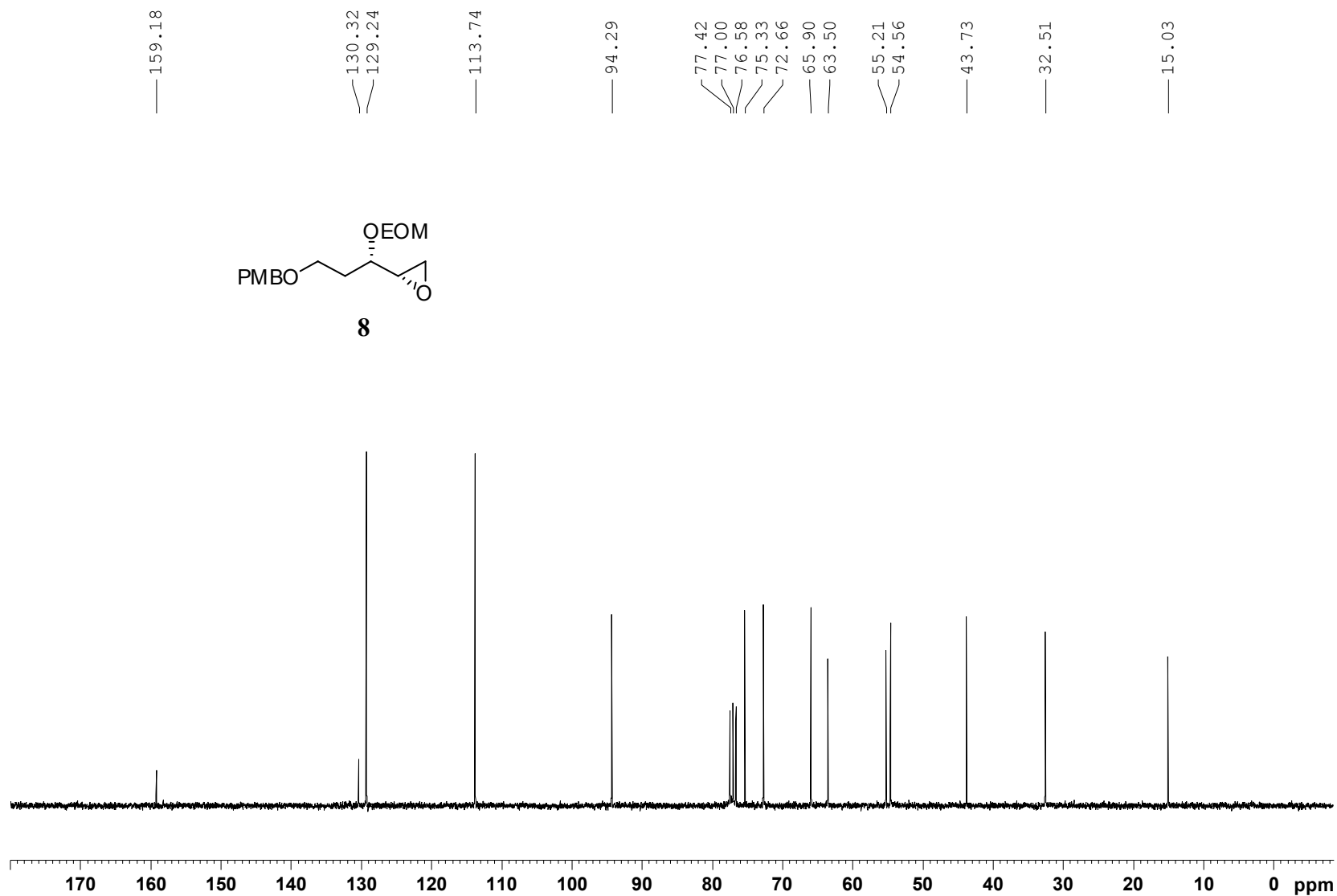
Department of Chemistry, University of Auckland, 23 Symonds Street, Auckland, New Zealand.

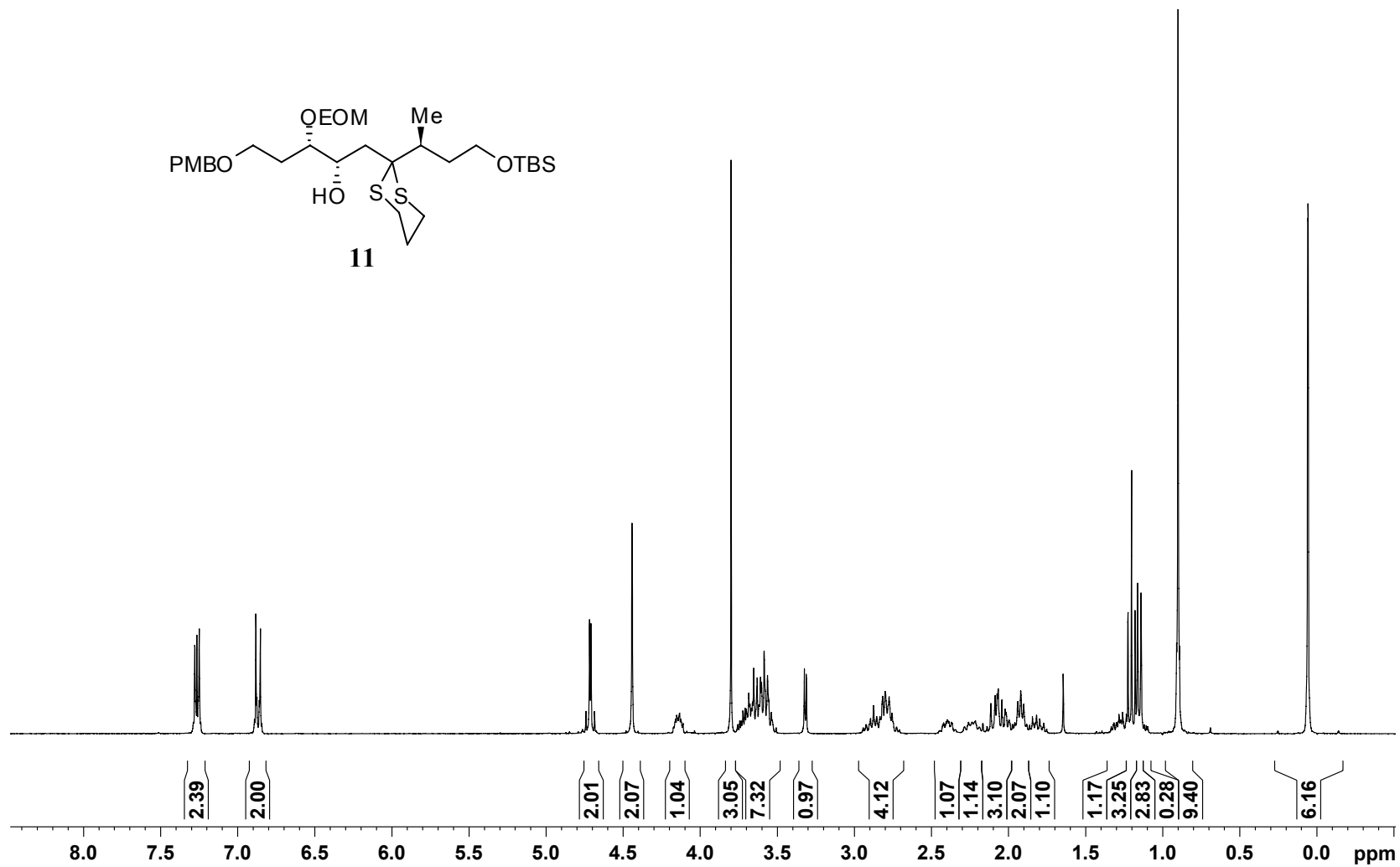
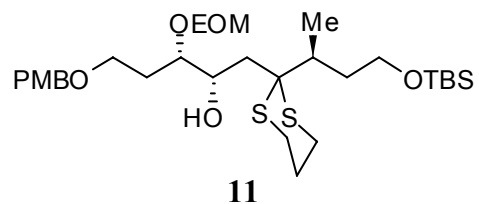
E-mail: m.brimble@auckland.ac.nz

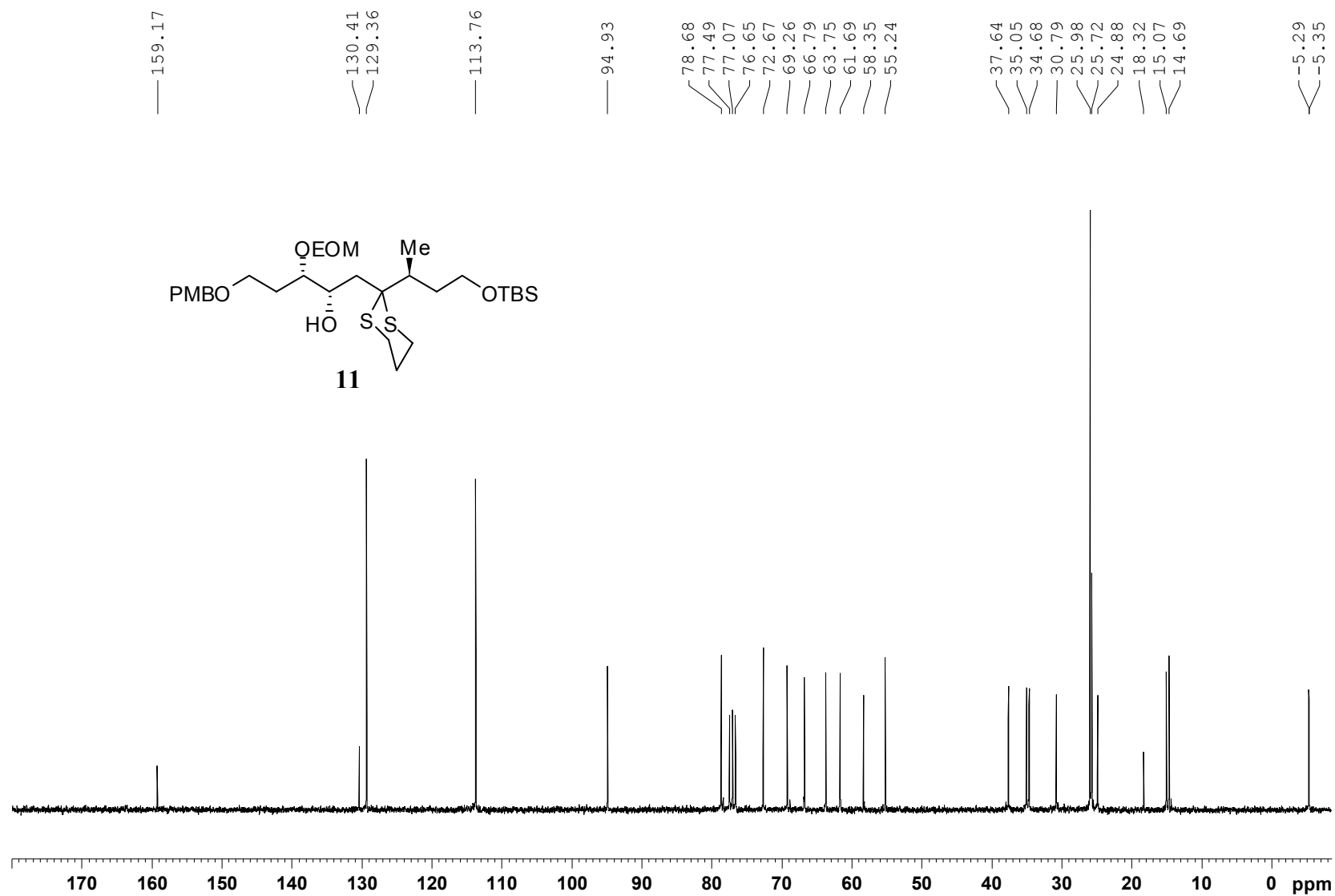


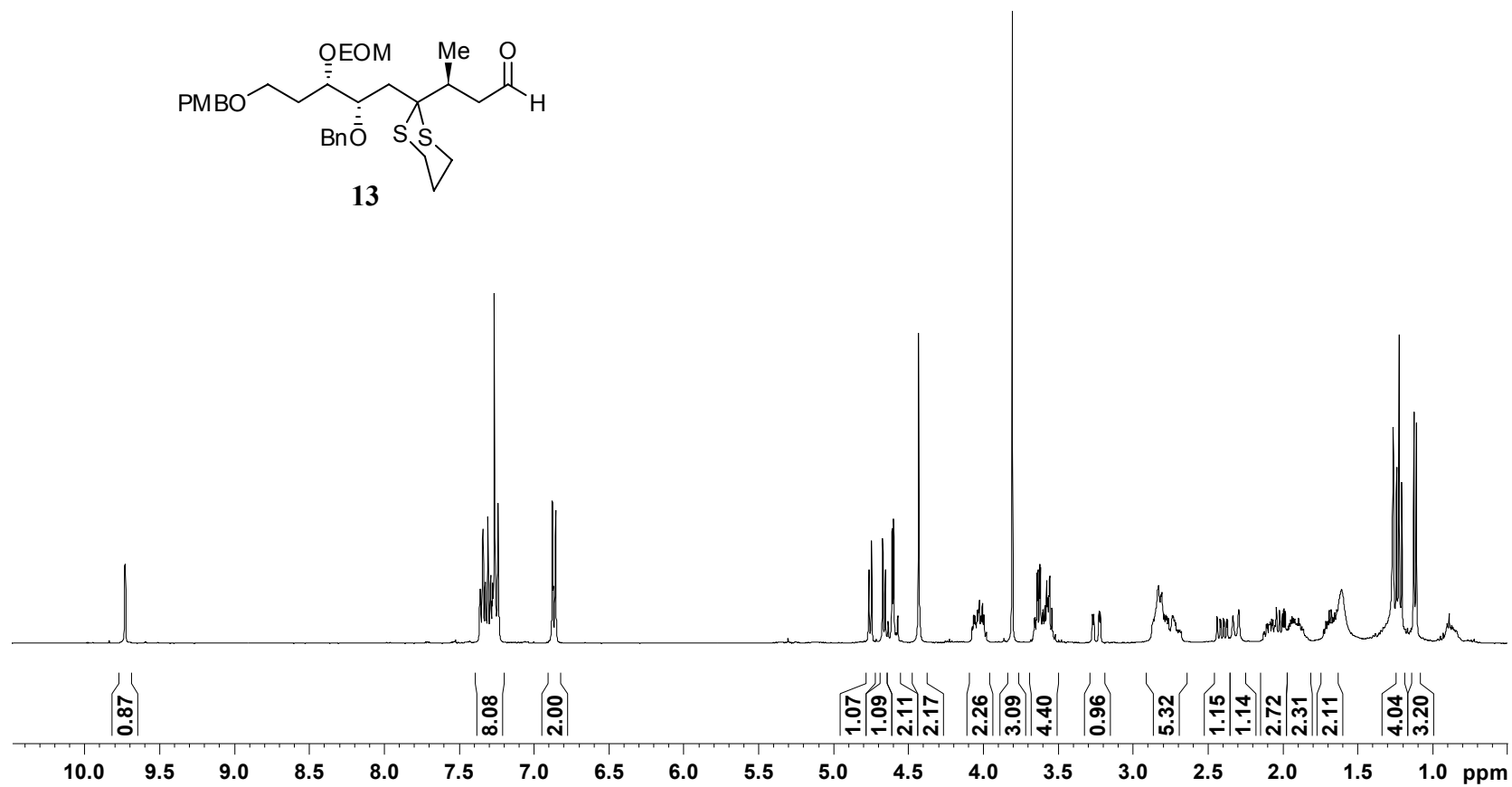
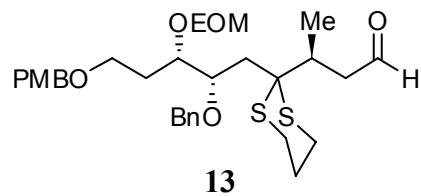


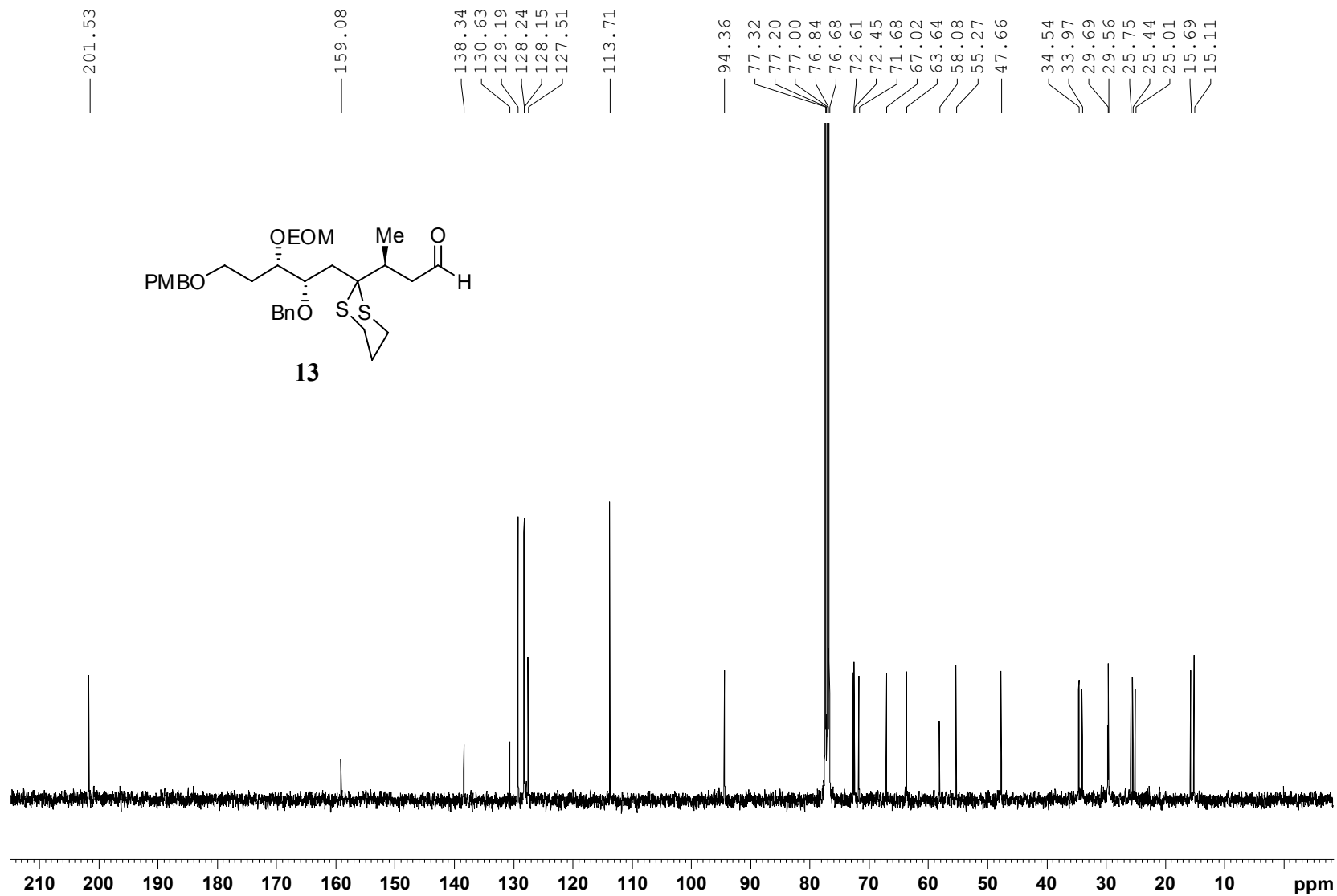


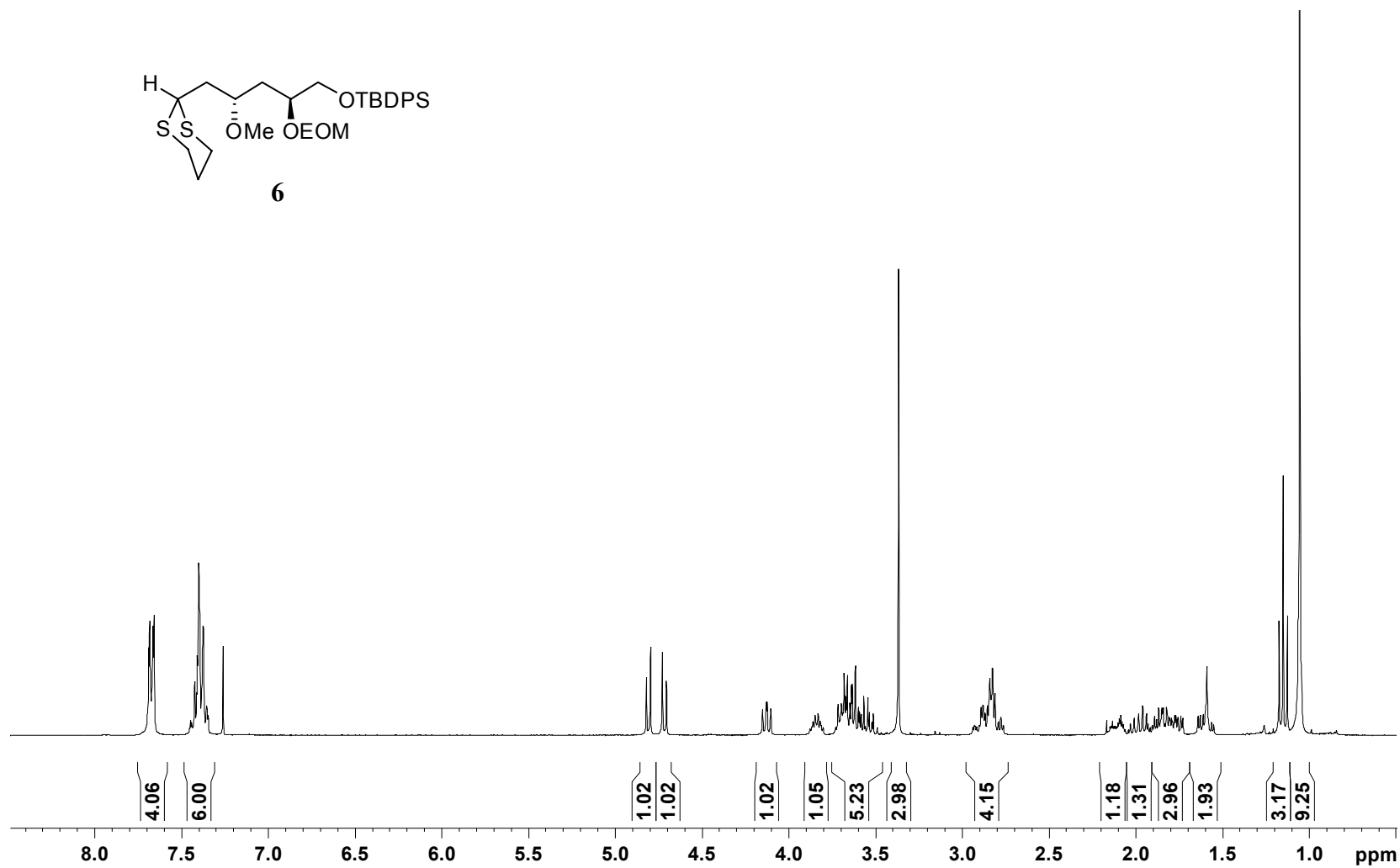
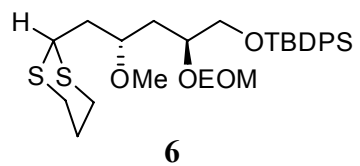


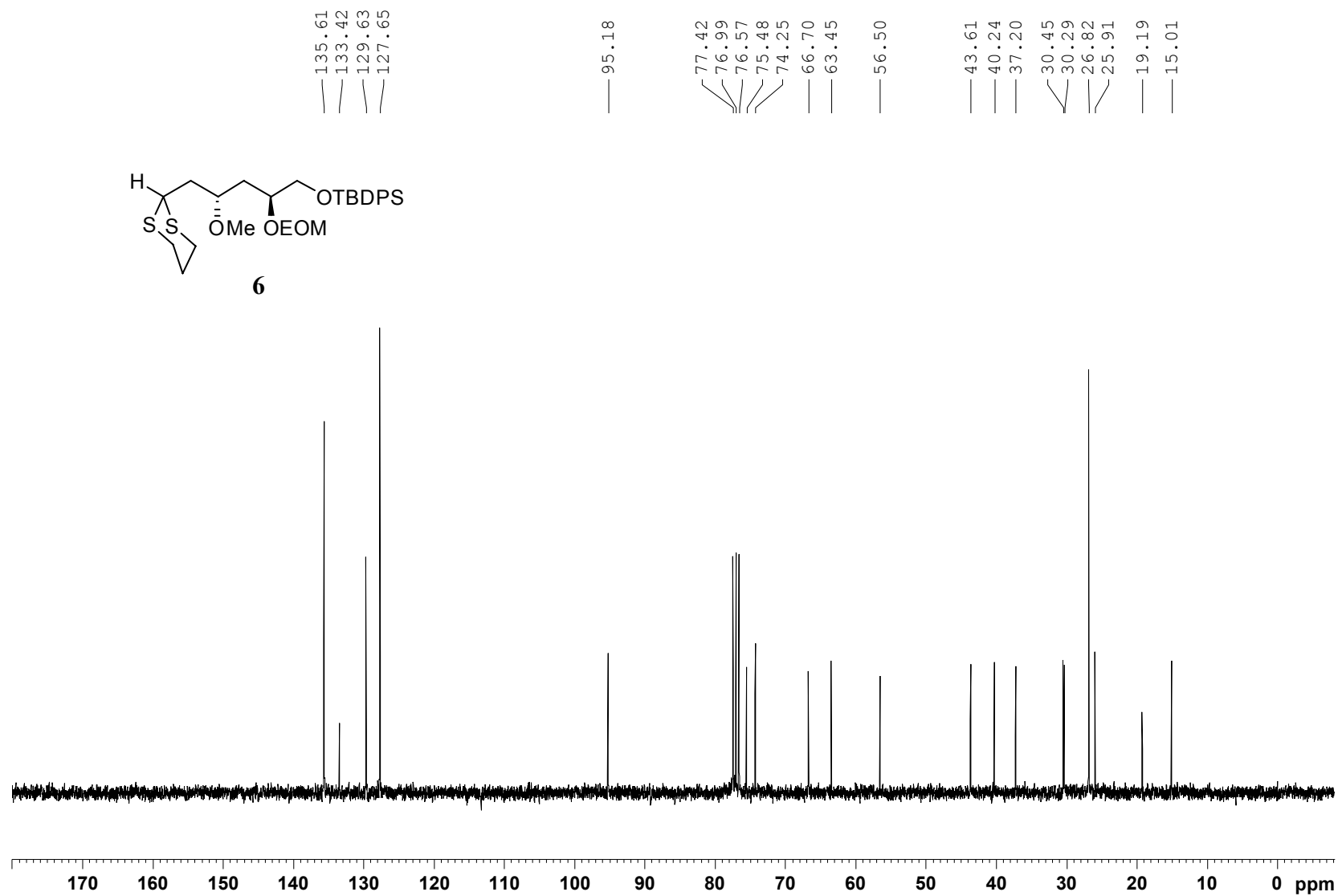


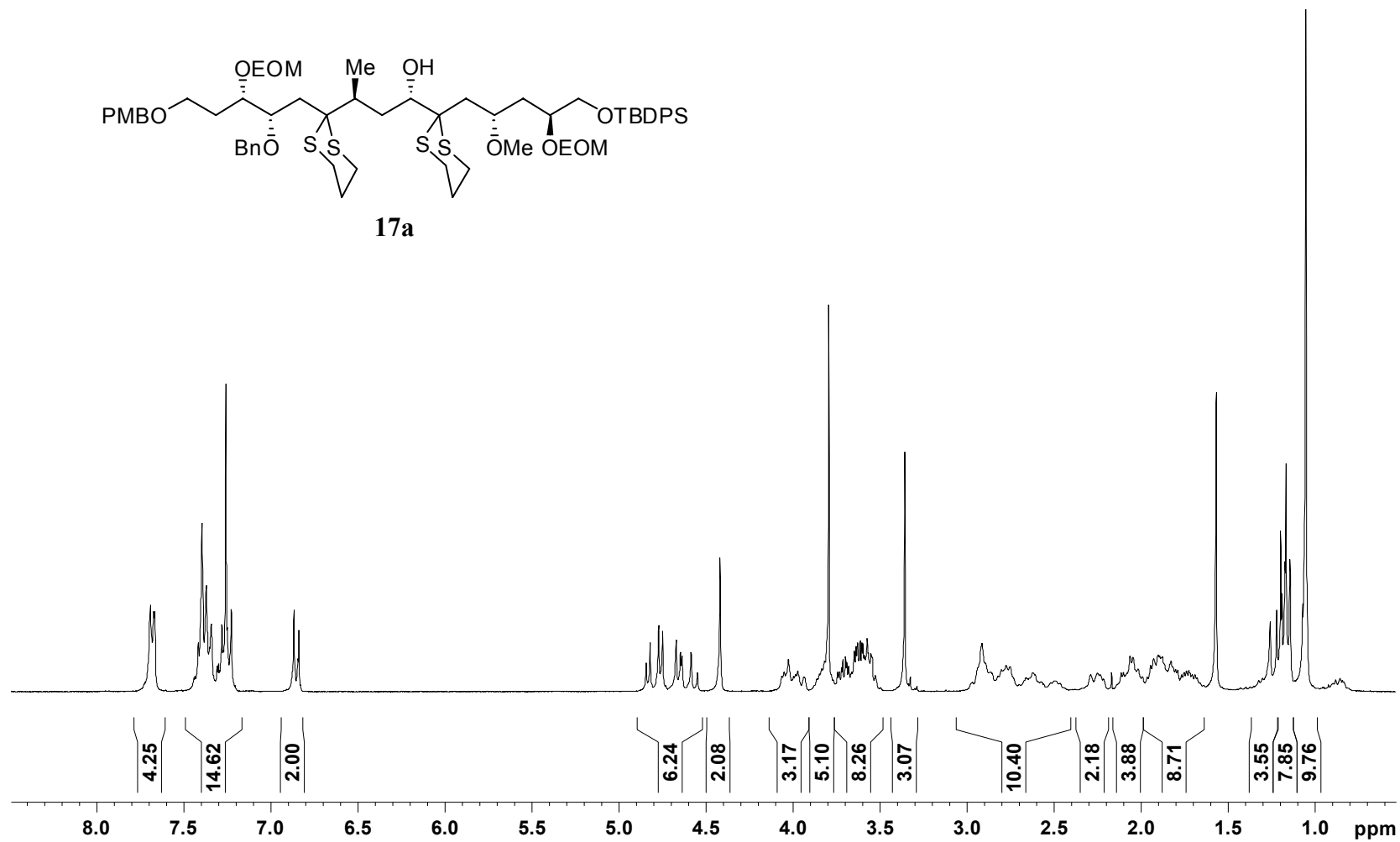
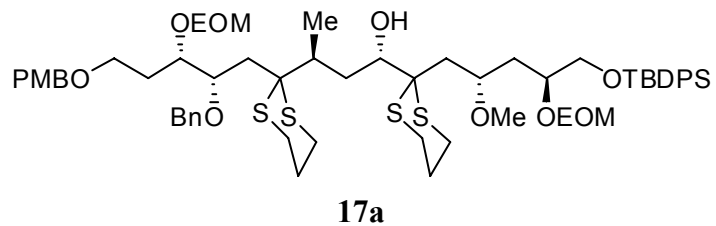


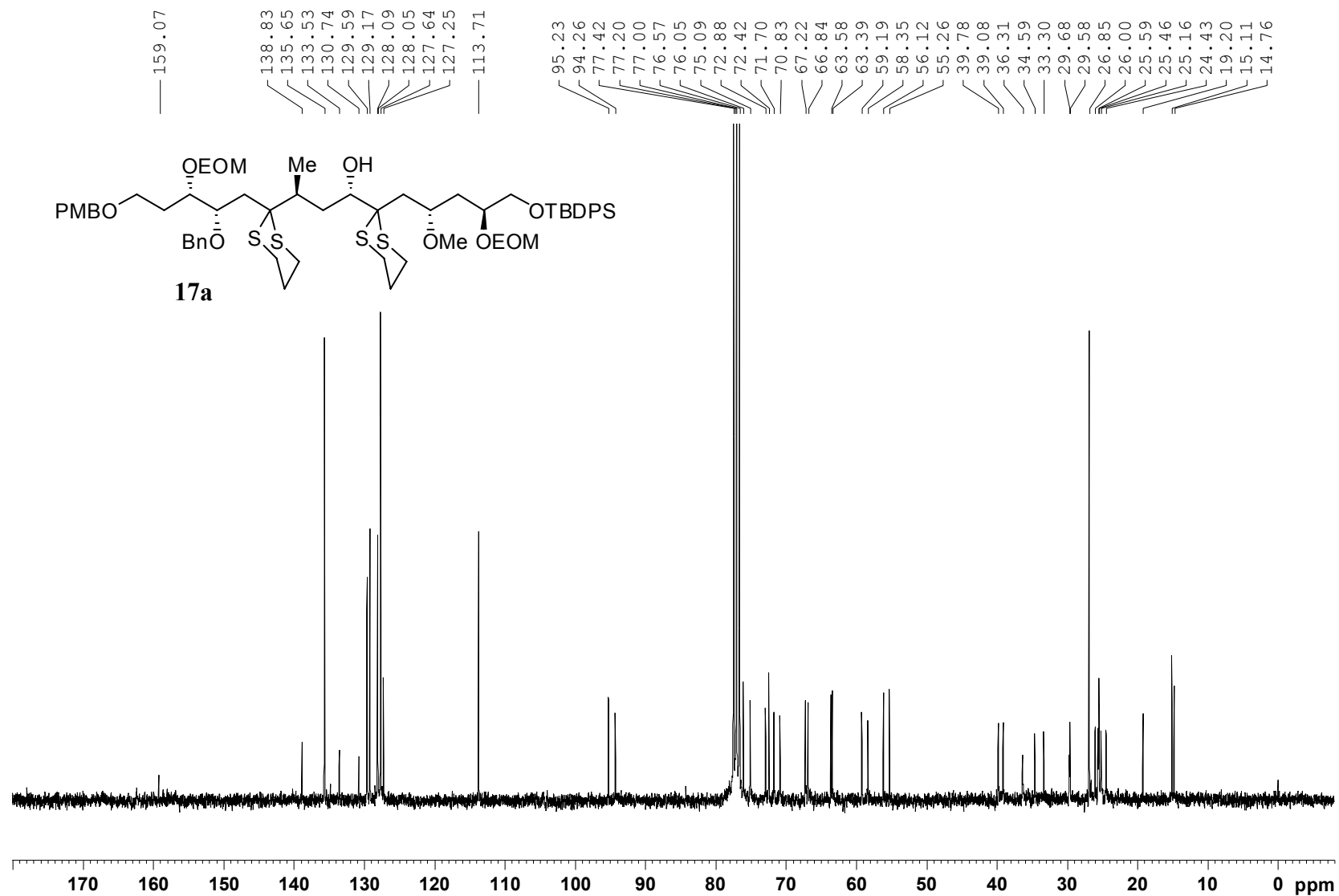


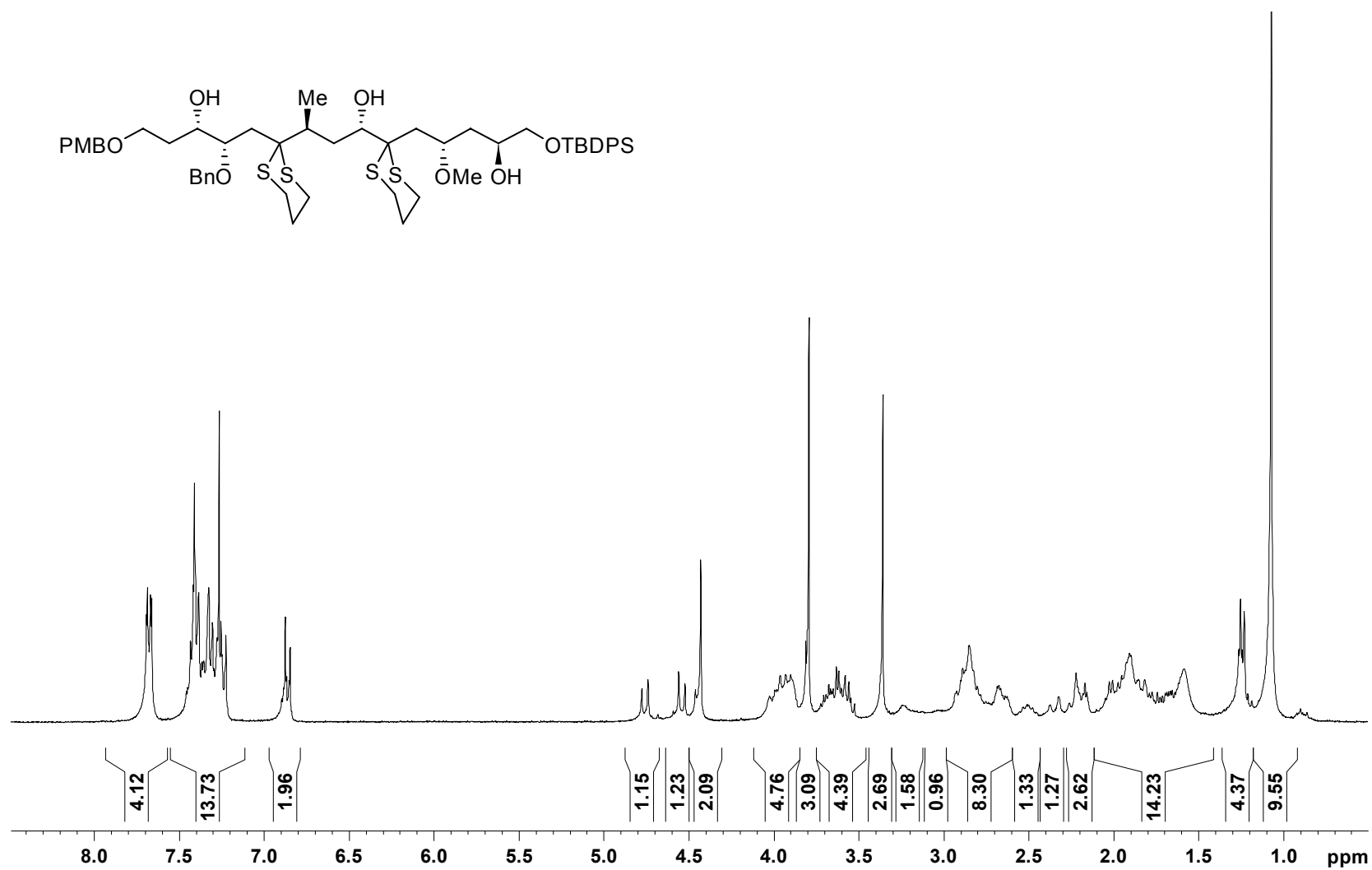


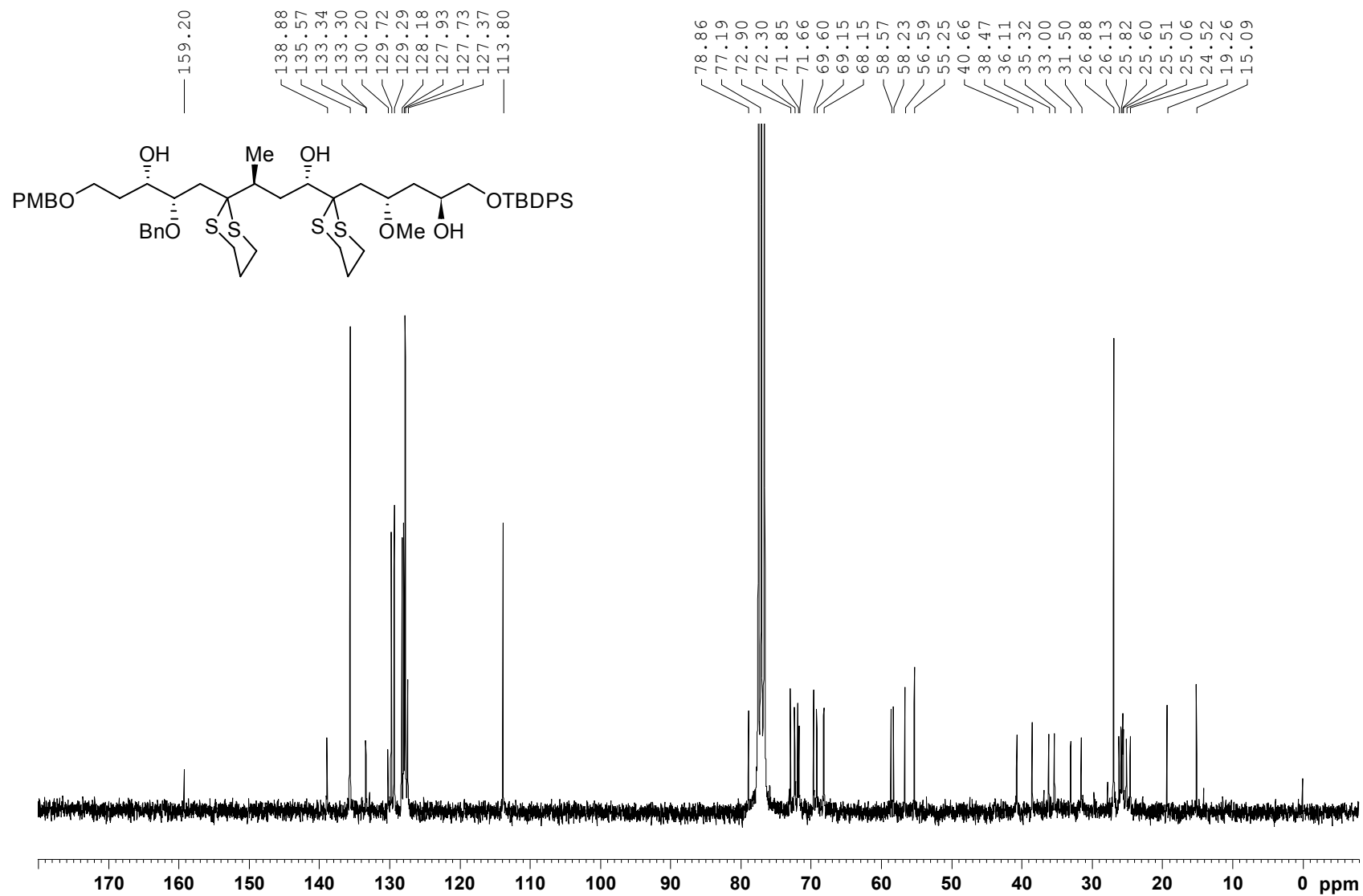


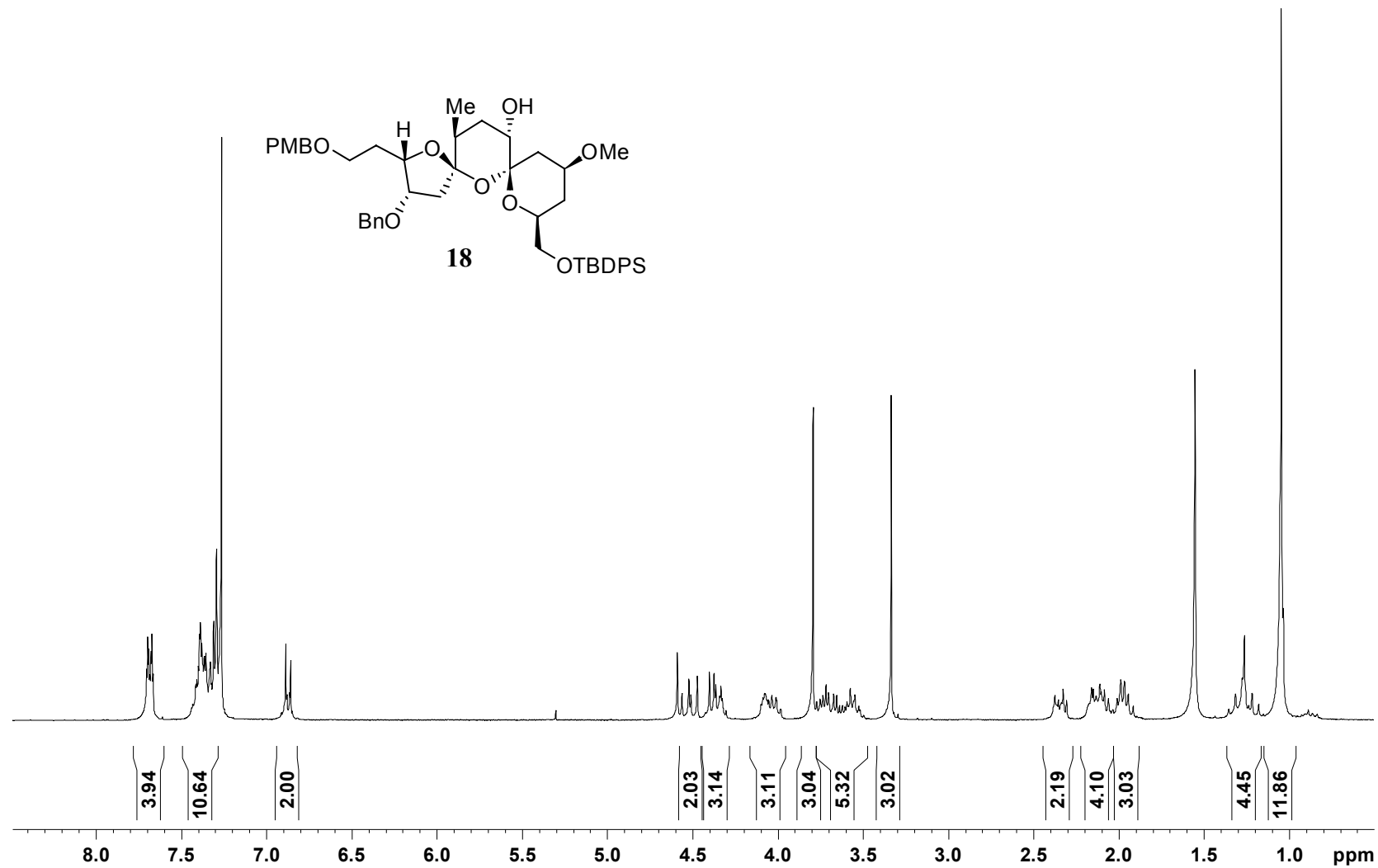


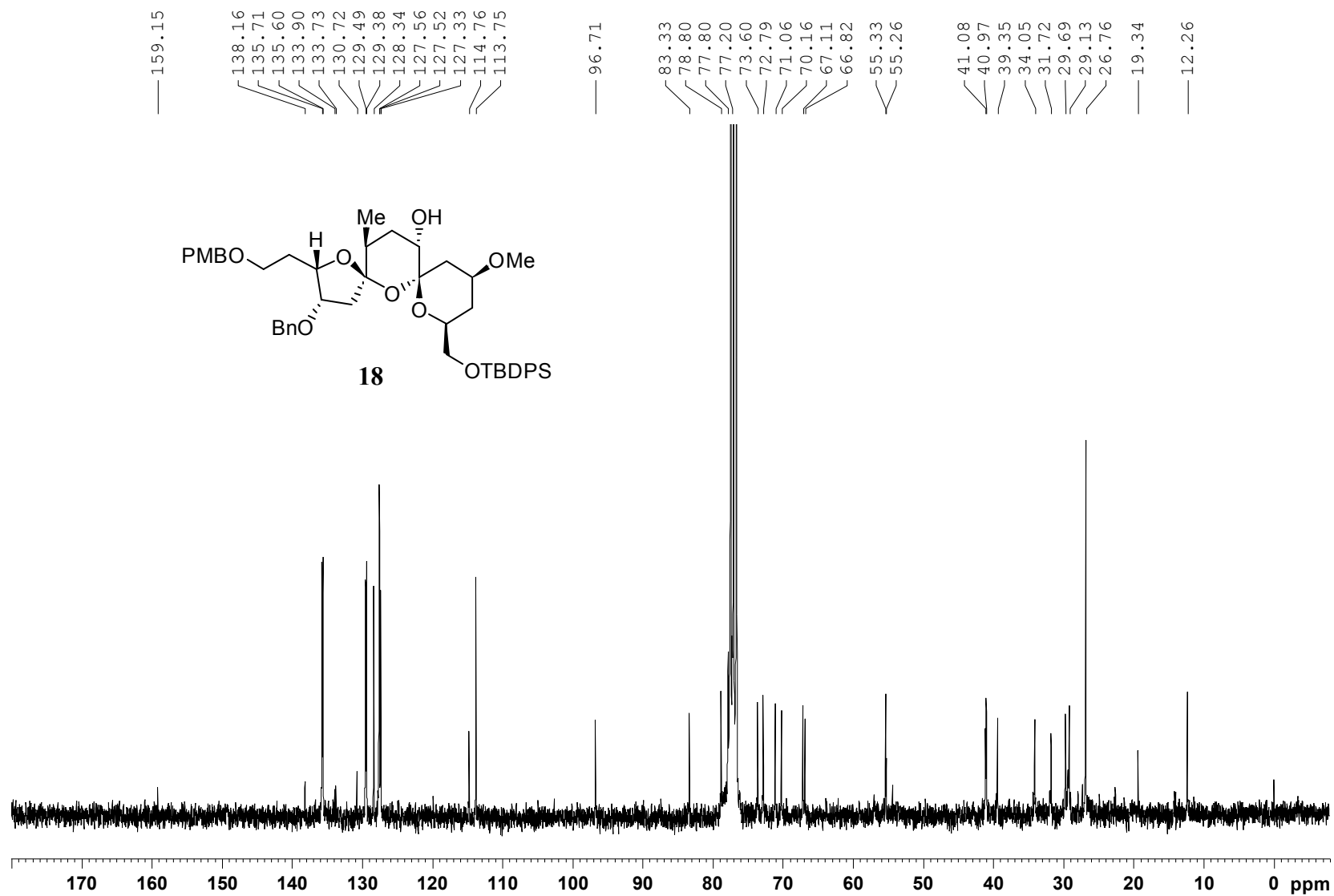


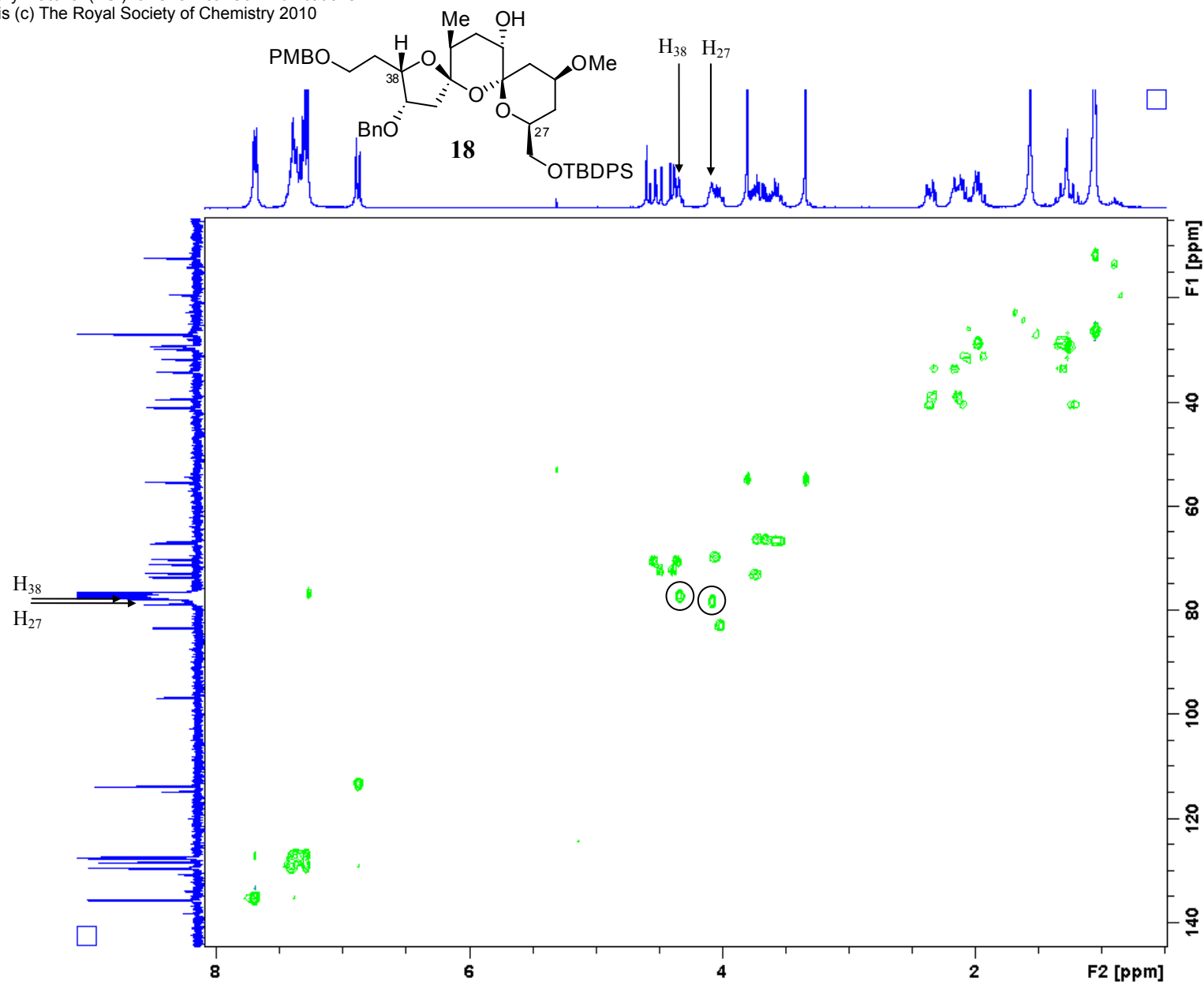


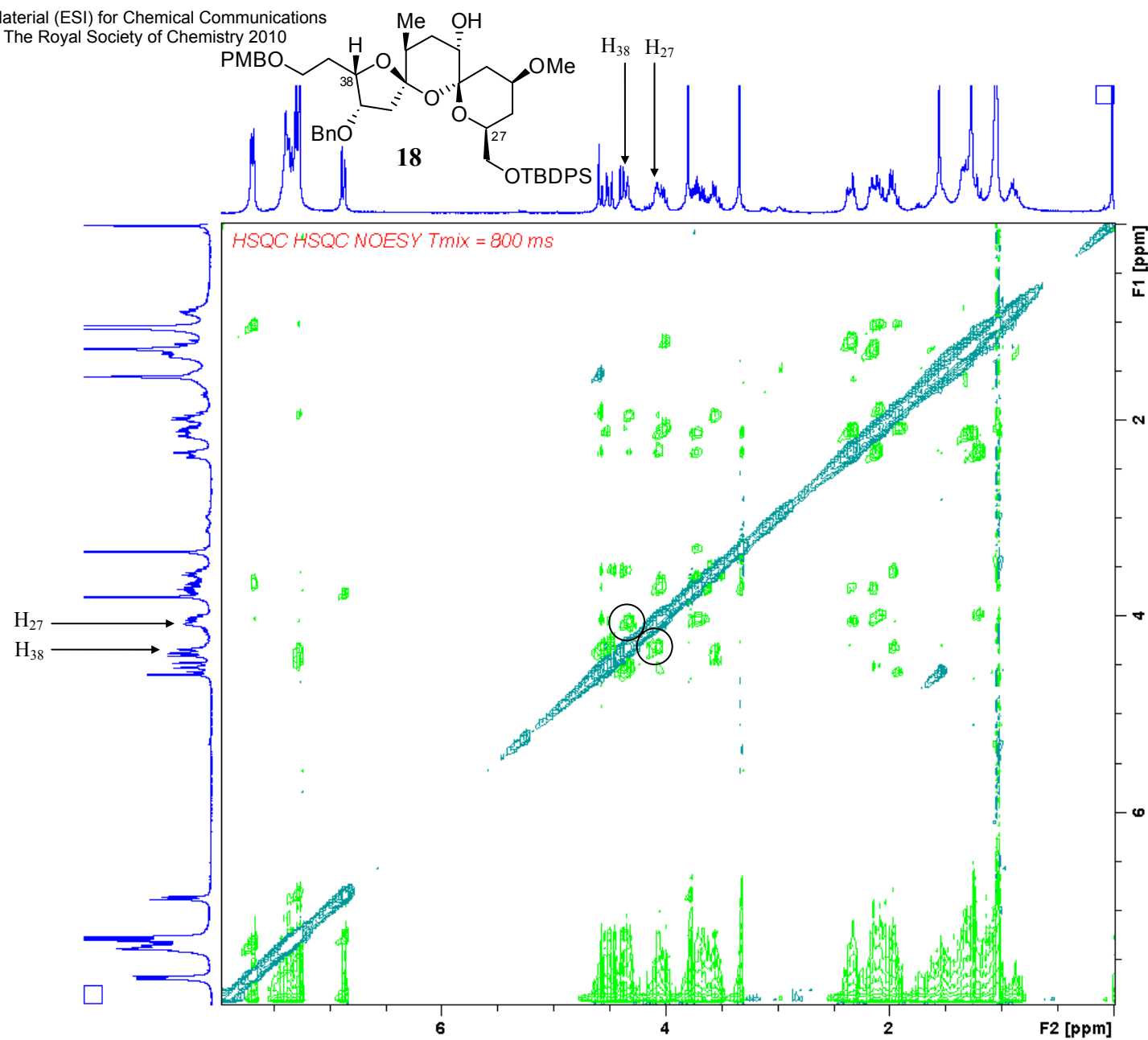


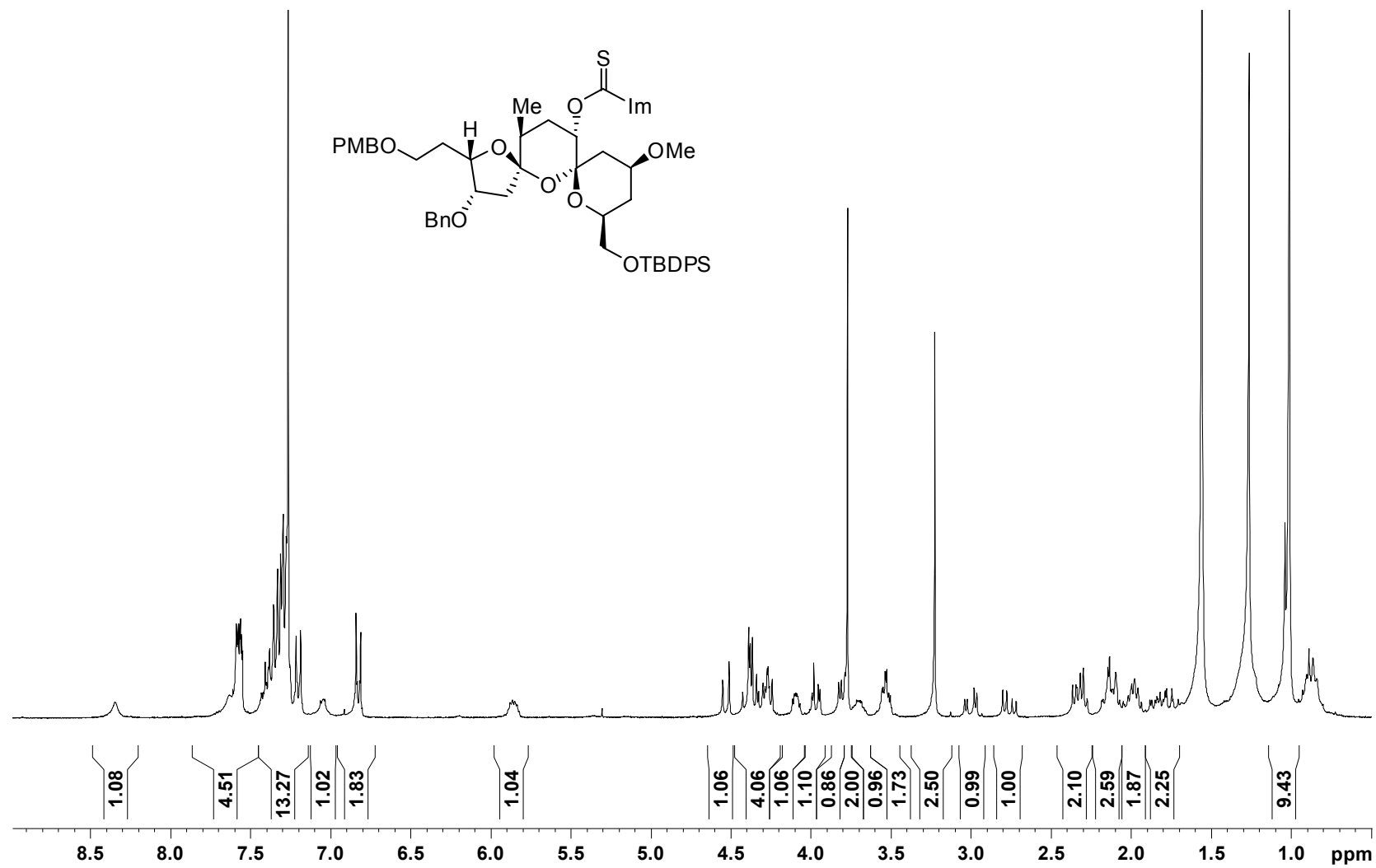


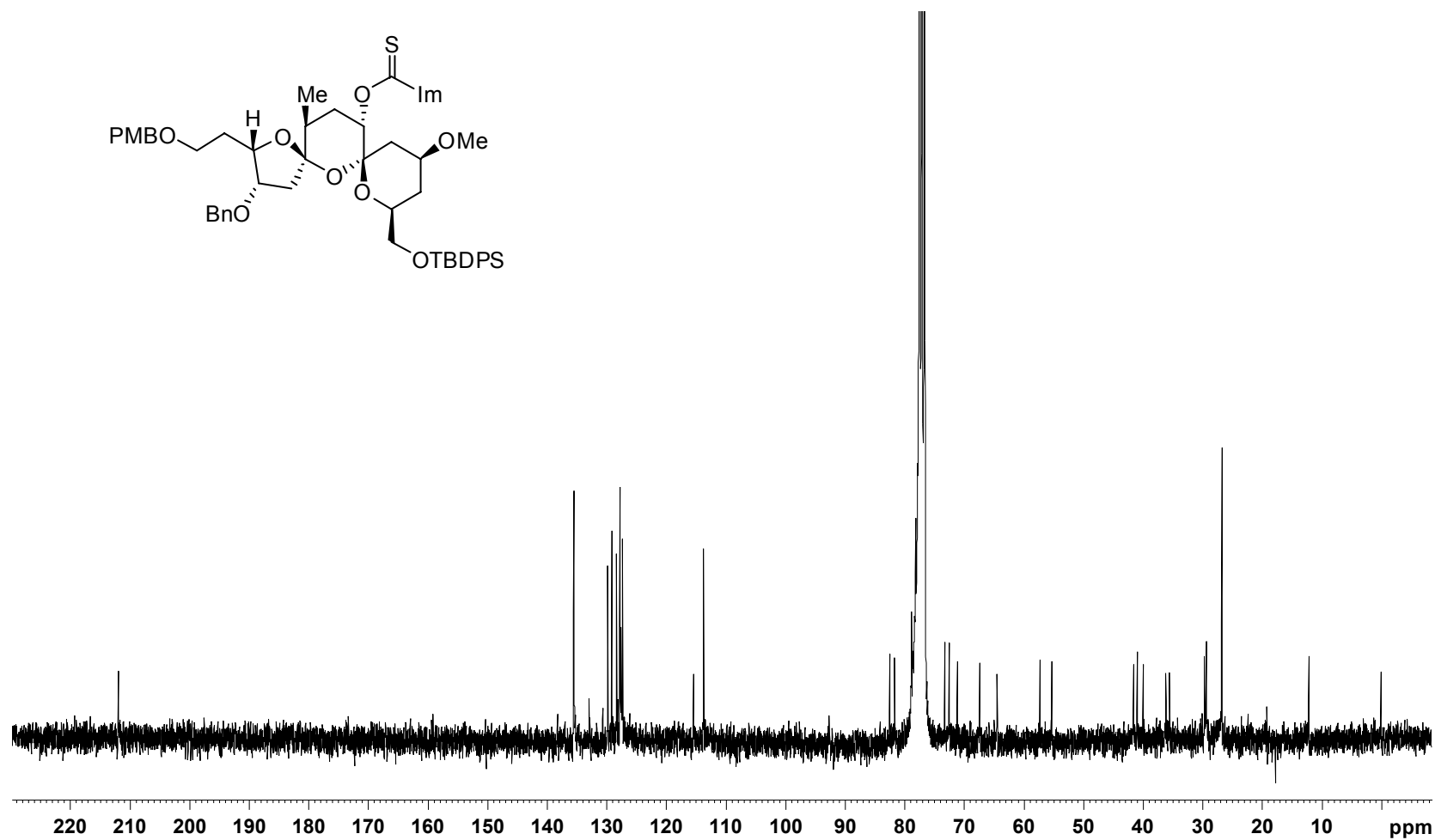


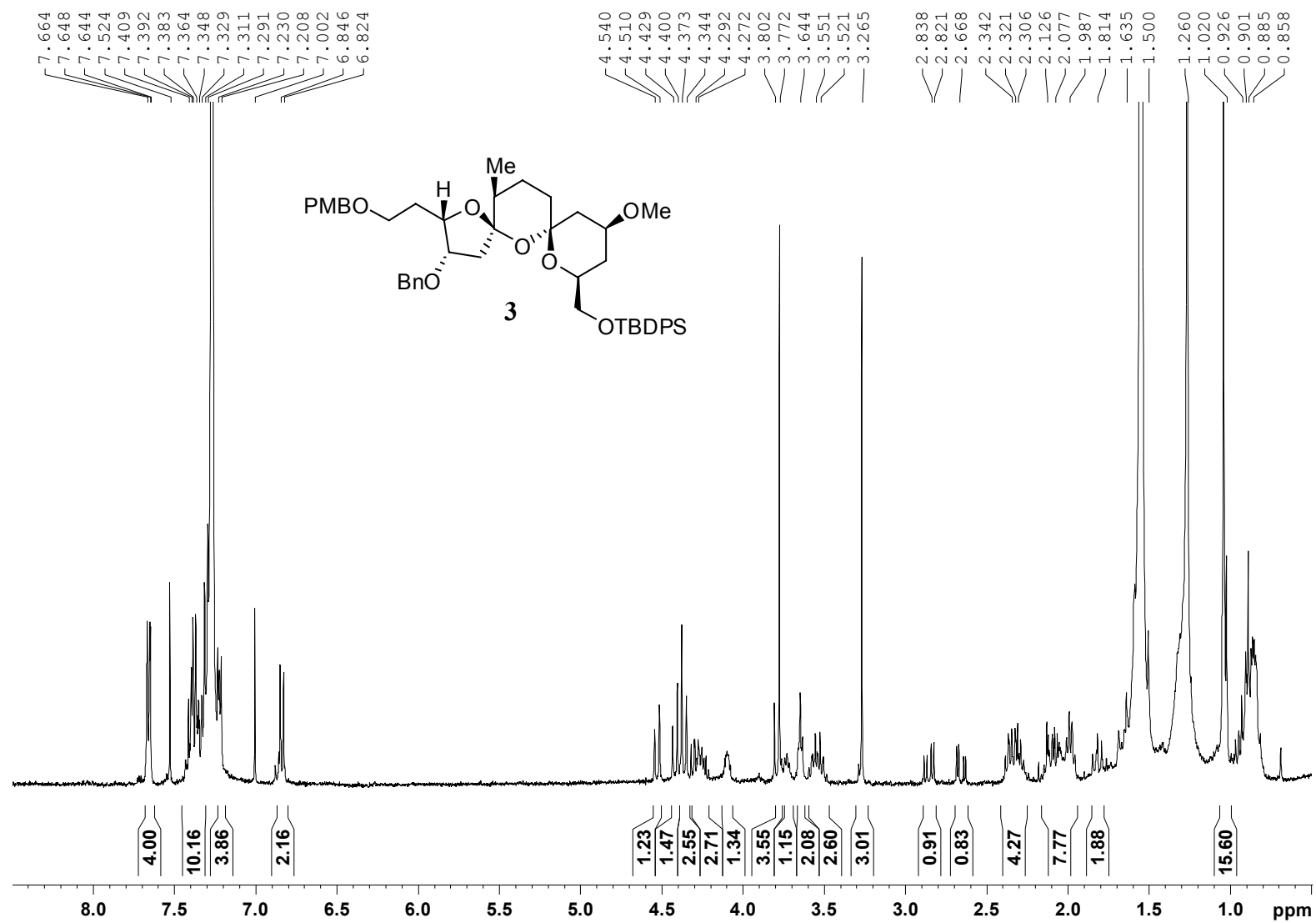


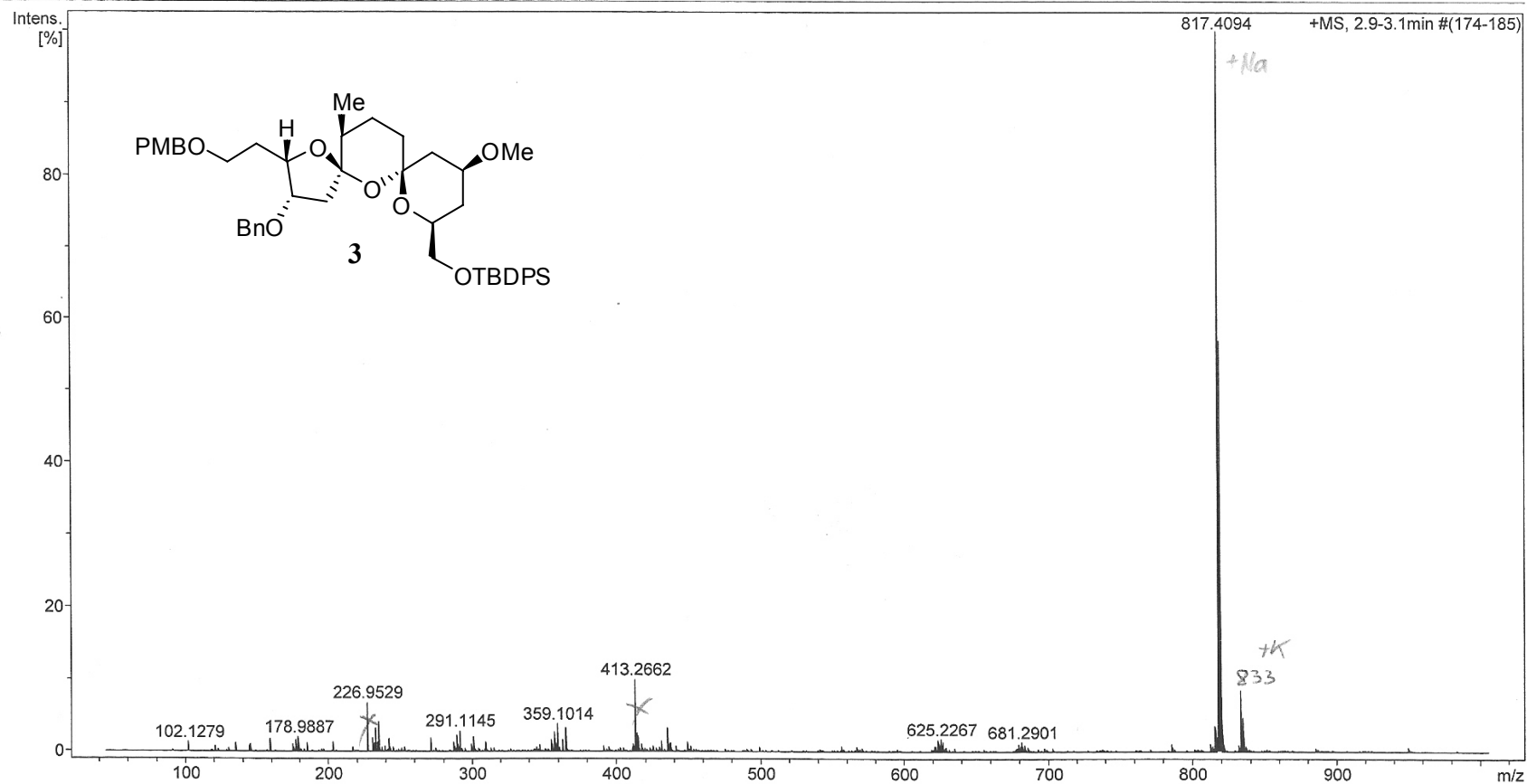


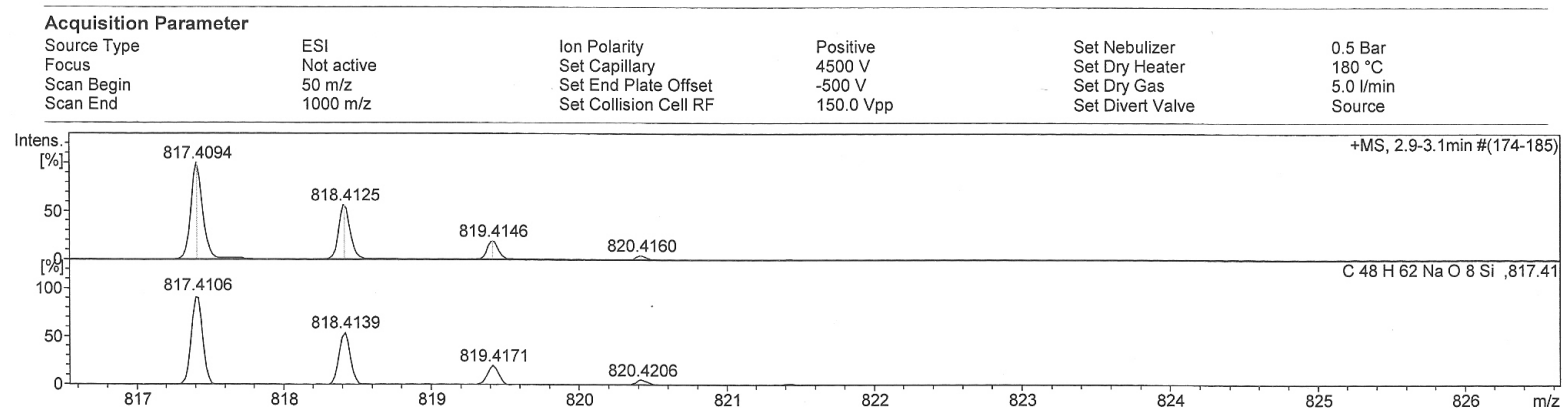












Meas. m/z	#	Formula	m/z	err [mDa]	err [ppm]	mSigma	Mean err [ppm]	rdB	N-Rule	e ⁻ Conf	Std I	Std Mean m/z	Std I VarNor	Std m/z Diff	Std Comb Dev
817.4094	1	C 47 H 64 Na 7 Si	817.4056	-3.8	-4.7	4.3	-4.3	13.5	ok	even	7.1	3.6	2.7	1.3	850.5
817.4094	2	C 46 H 63 Na 2 O 8 Si	817.4082	-1.2	-1.4	6.8	-1.1	15.5	ok	even	7.7	1.2	2.5	1.3	695.0
817.4094	3	C 48 H 62 Na O 8 Si ✓	817.4106	1.2	1.5	8.6	1.8	18.5	ok	even	11.8	1.7	3.9	1.3	789.4
817.4094	4	C 49 H 63 Na 6 Si	817.4080	-1.4	-1.7	8.8	-1.4	16.5	ok	even	9.4	1.4	3.0	1.3	734.0
817.4094	5	C 44 H 64 Na 3 O 8 Si	817.4058	-3.6	-4.4	16.4	-4.1	12.5	ok	even	18.8	3.4	5.1	1.3	891.8
817.4094	6	C 50 H 61 O 8 Si	817.4130	3.6	4.5	19.0	4.8	21.5	ok	even	23.8	4.0	7.2	1.3	930.3
817.4094	7	C 51 H 62 Na 5 Si	817.4104	1.0	1.2	19.9	1.5	19.5	ok	even	21.8	1.5	6.2	1.3	828.7
817.4094	8	C 53 H 61 Na 4 Si	817.4128	3.4	4.2	31.2	4.5	22.5	ok	even	34.9	3.7	9.6	1.3	944.7
817.4094	9	C 57 H 57 O 3 Si	817.4071	-2.2	-2.7	56.2	-2.4	30.5	ok	even	62.4	2.1	17.7	1.3	957.4