Supporting information:

Aromatic Thioglycoside Inhibitors Against the Virulence Factor LecA from Pseudomonas aeruginosa

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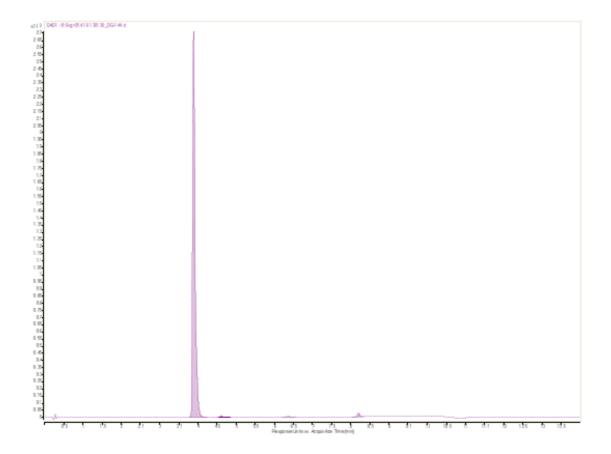
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 $Table\ .\ Data\ collection\ and\ refinement\ statistics.\ Numbers\ between\ parentheses\ refer\ to\ the\ outer\ shell.$

	LecA-11		
Beamline (wavelength, Å)	BM14/0.976		
Spacegroup	P3 ₂ 21		
Cell dimensions <i>a,b,c</i>	54.33 54.33 3		
(Å)	90.50 90.0 90.0 120.0		
$\alpha, \beta, \gamma \text{ (deg.)}$			
Resolution (Å)	40.00-2.15 (2.27-2.15)		
Measured/ Unique reflections	132611/37963		
Average multiplicity	3.5 (3.5)		
R _{merge}	0.045 (0.386)		
Completeness (%)	99.5 (99.9)		
Mean I / σI	14.4 (2.3)		
Wilson B	40.0		
R _{cryst} / R _{free}	21.4/25.9		
R _{msd} bonds, Å	0.014		
R _{msd} angles,°	1.66		
Rmsd chiral, Å ³	0.102		
Protein atoms /per	907/901/901/901		
chain Bfac Å ²	40.4/44.4/50.2/44.3		
Water molecules	235		
Bfac, Å ²	43.7		
Ligand atoms	22/22/22/22		
Bfac, Å ²	42.4/55.7/63.5/48.3		
Calcium atoms	1/1/1/1		
Bfac, Å ²	39.0/51.0/64.6/47.5		
PDB code	4A6S		

130130 - Cpd 11-(DG144) Percent purity by LC (UV 254)



Peak	RT	Area	Area%	Height	Width	purity
1	3,89	13006,15	100	2715,27	0,48	98,77%
2	4,62	48,03	0,37	12,53	0,29	0,37%
3	6,37	22,83	0,18	5,78	0,35	0,18%
4	8,21	91,2	0,7	23,67	0,31	0,69%

101,25

Qualitative Compound Report

Data File Roy_Chichi_DG- Sample Name Cpd 11: DG-144

144_20130129.d

Sample Type Sample Position P1-A1

 Instrument Name
 Instrument 1
 User Name

 Acq Method
 Vladimir_LC_10-95 IR M Calibration Status

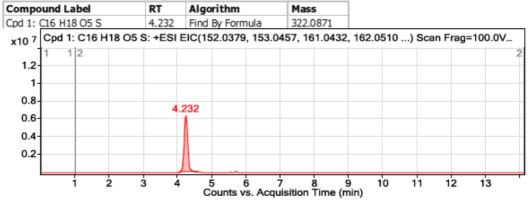
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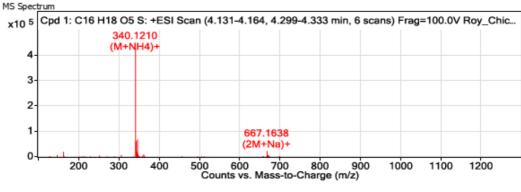
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Success

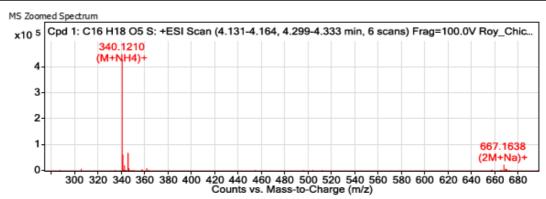
Compound Table

						Diff
Compound Label	RT	Mass	Abund	Formula	Tgt Mass	(ppm)
Cpd 1: C16 H18 O5 S	4.232	322.0871	426982	C16 H18 O5 S	322.0875	-1.13





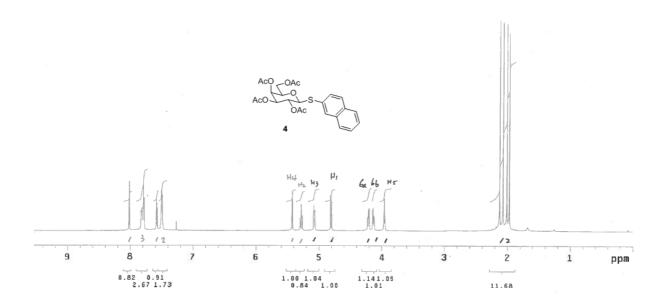
Qualitative Compound Report

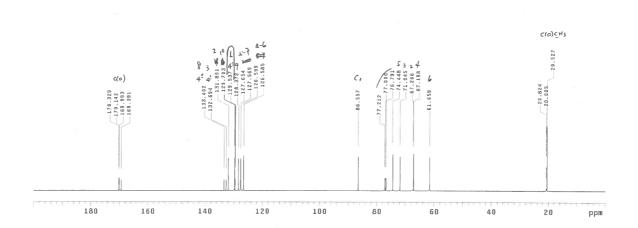


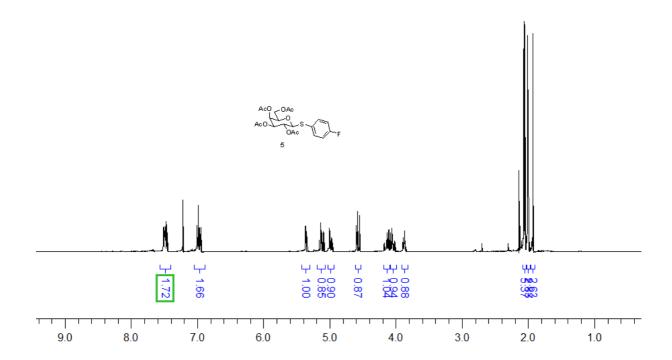
MS Spectrum Peak List

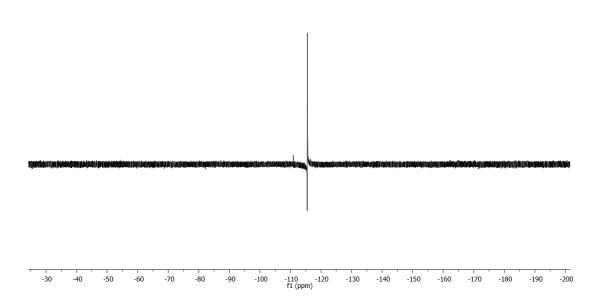
MS Spectrum reak List							
m/z	Calc m/z	Diff(ppm)	Z	Abund	Formula	Ion	
305.0836	305.0842	-2.06	1	7015	C16 H17 O4 S	(M+H)+[-H2O]	
322.0876	322.0869	1.98	1	230	C16 H18 O5 S	M*+	
323.0951	323.0948	0.99	1	257	C16 H19 O5 S	(M+H)+	
340.121	340.1213	-1.07		426998	C16 H22 N O5 S	(M+NH4)+	
340.3517				26881			
341.124	341.1244	-1.31		63082	C16 H22 N O5 S	(M+NH4)+	
342.1199	342.1208	-2.46		21069	C16 H22 N O5 S	(M+NH4)+	
345.0762	345.0767	-1.45		75654	C16 H18 Na O5 S	(M+Na)+	
361.0502	361.0507	-1.14	1	9851	C16 H18 K O5 S	(M+K)+	
667.1638	667.1642	-0.56	1	22886	C32 H36 Na O10 S2	(2M+Na)+	

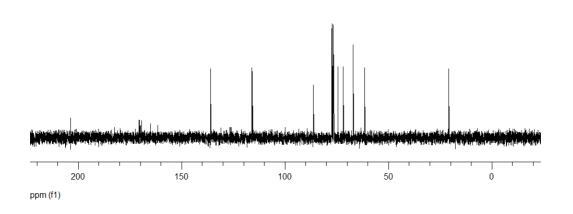
⁻⁻⁻ End Of Report ---

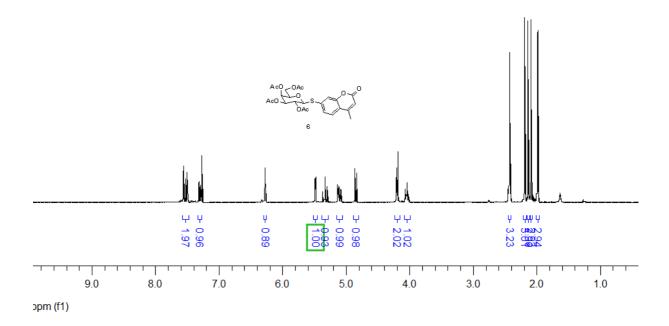


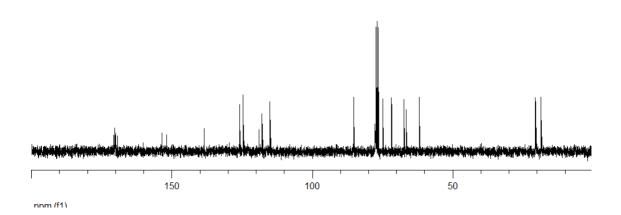


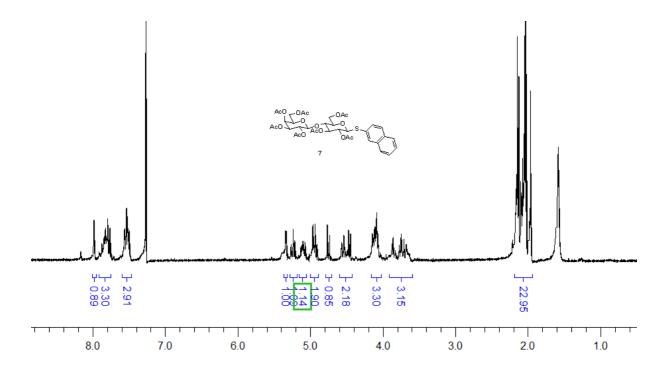


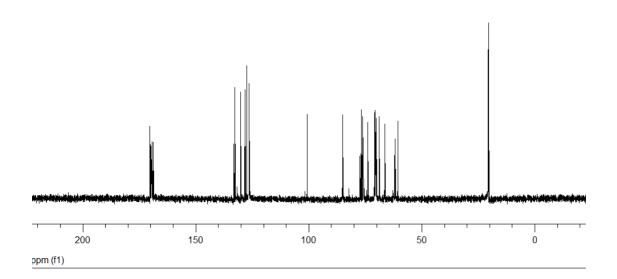


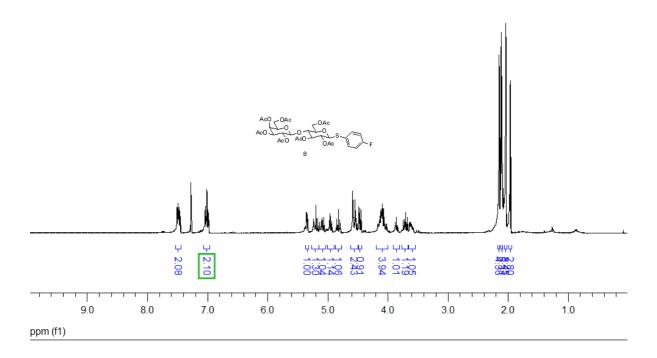


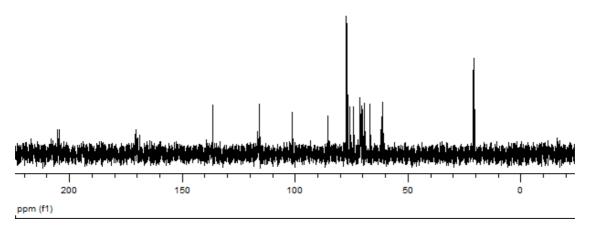


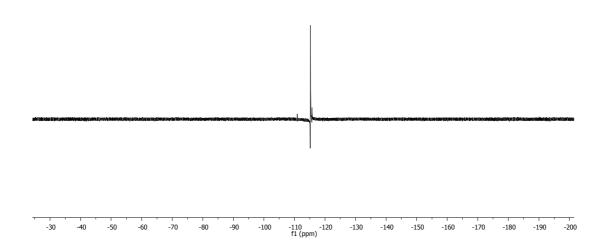


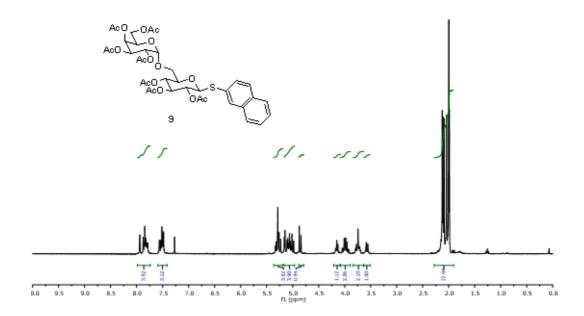


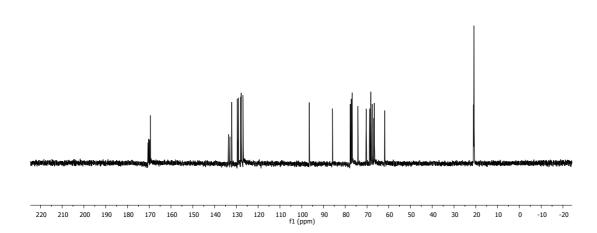


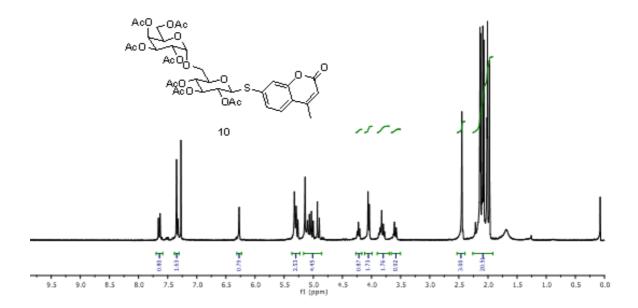


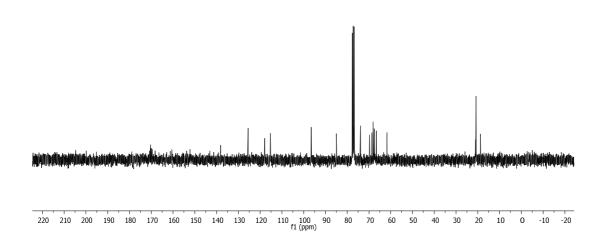


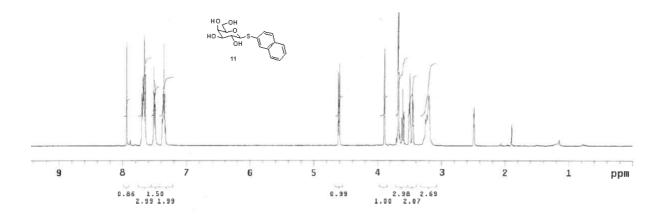


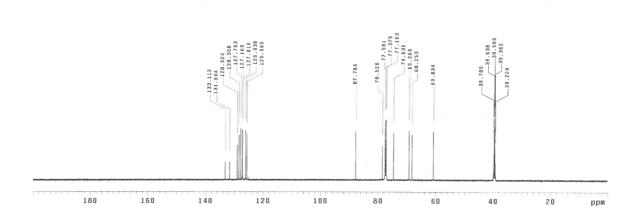


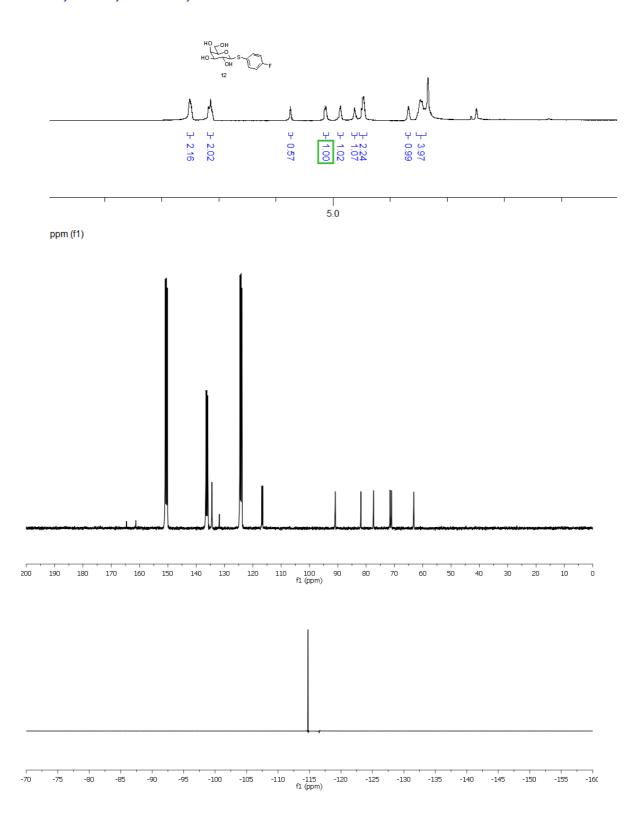


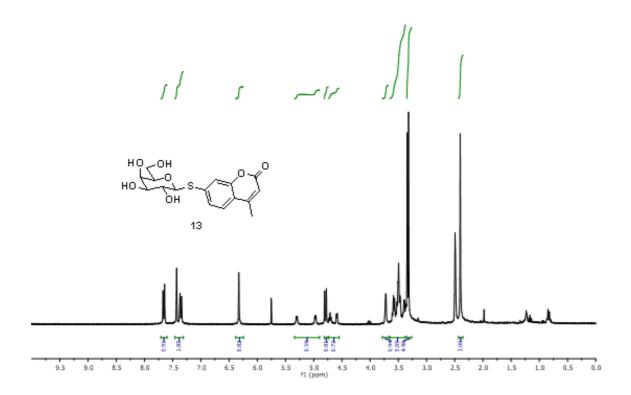


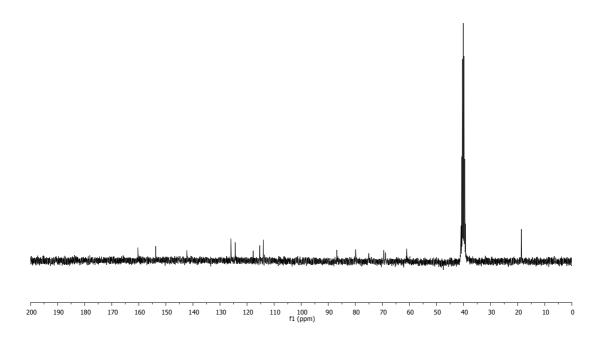


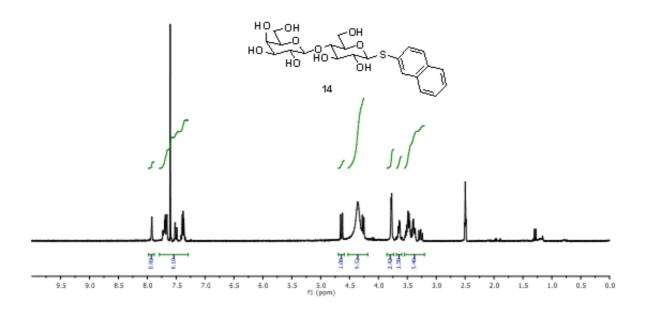


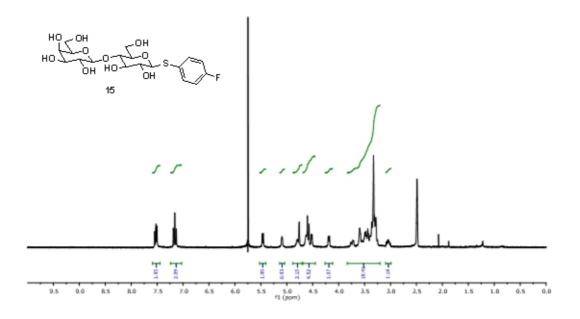


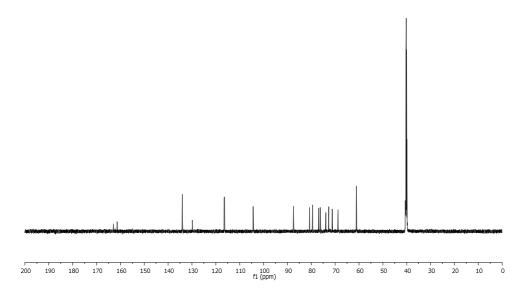


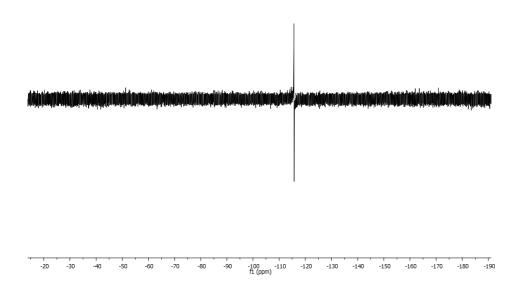


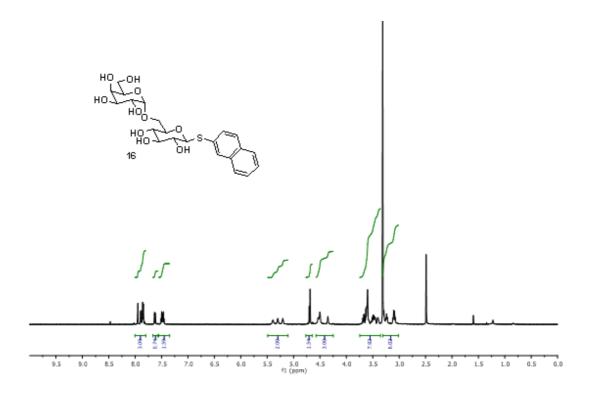


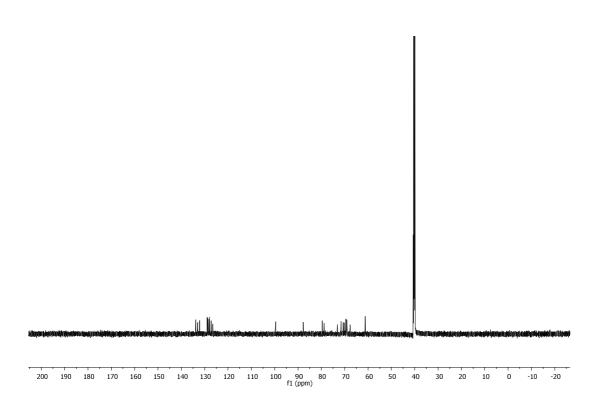


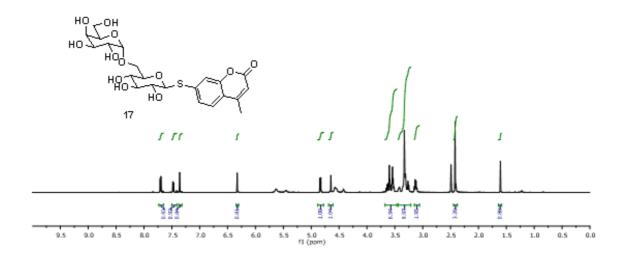


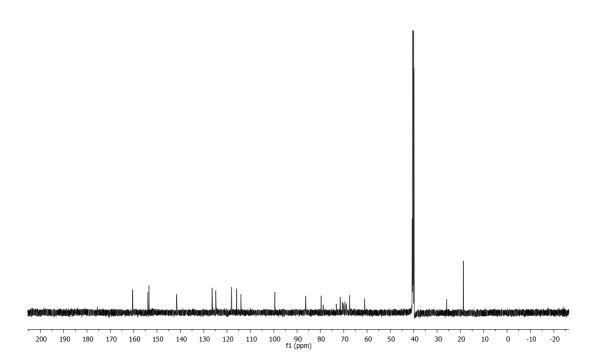


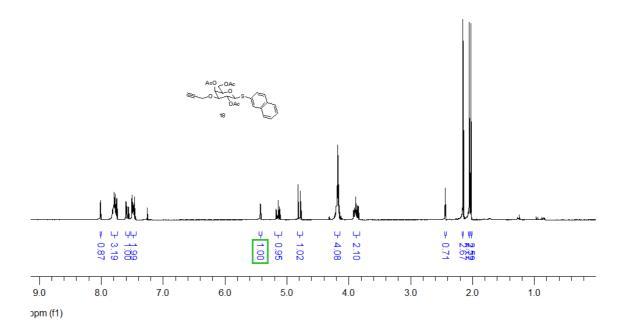


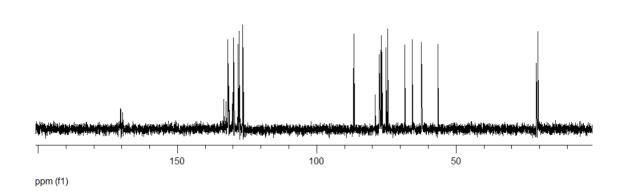


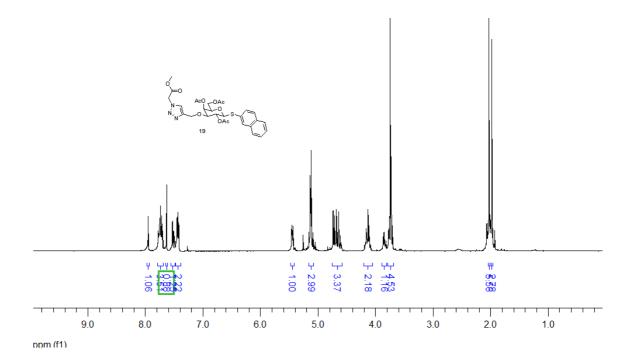


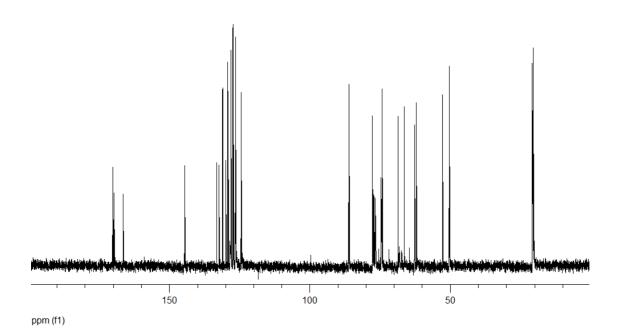


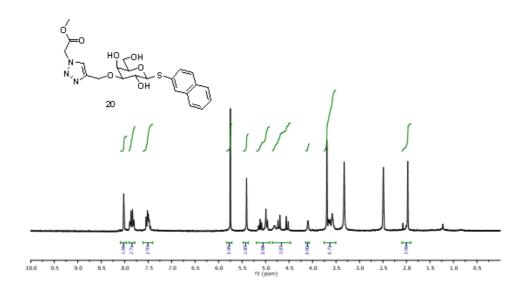


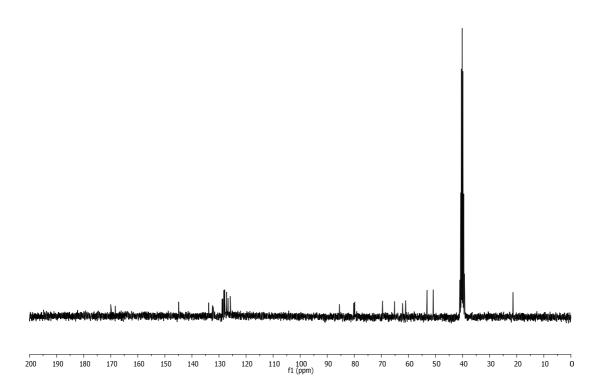


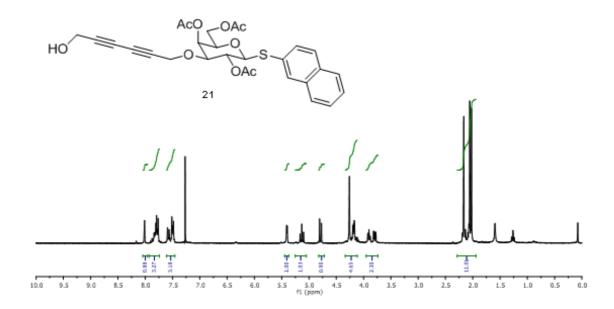


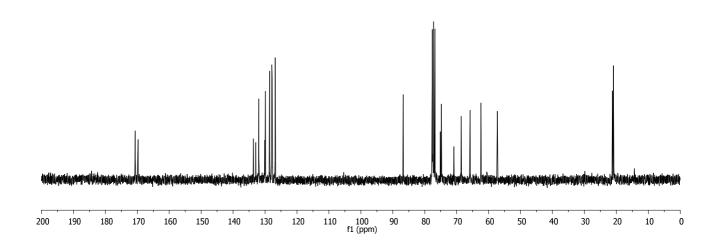


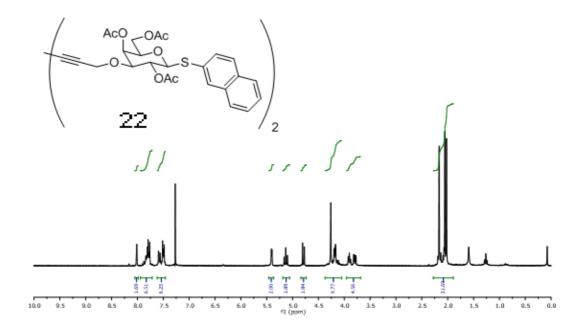


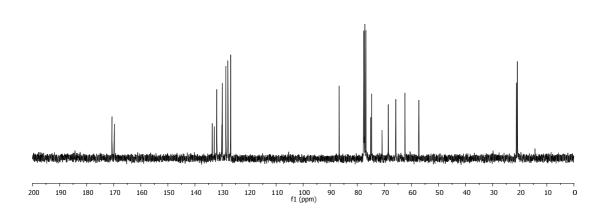


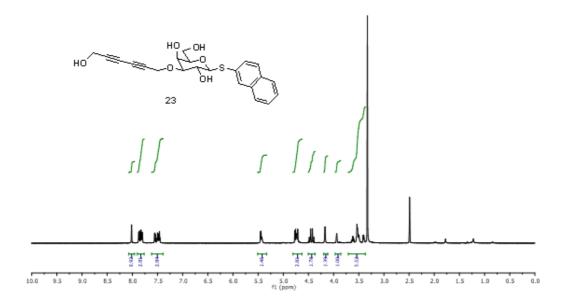


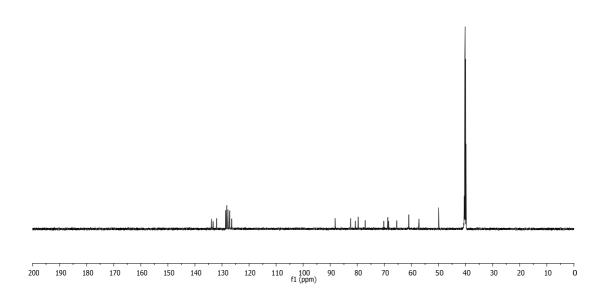


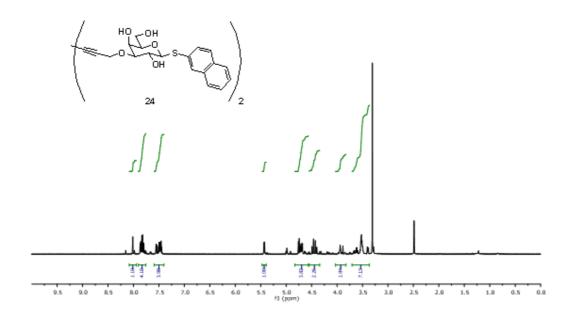


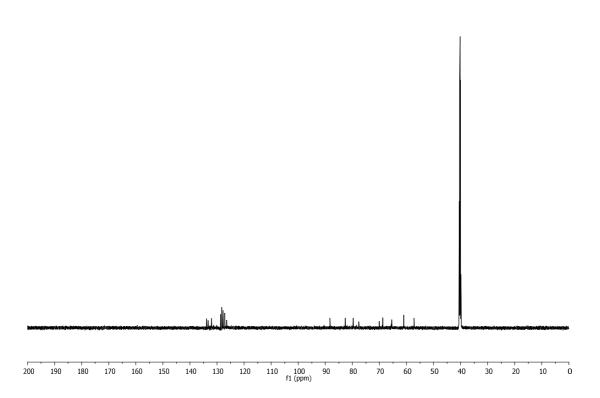


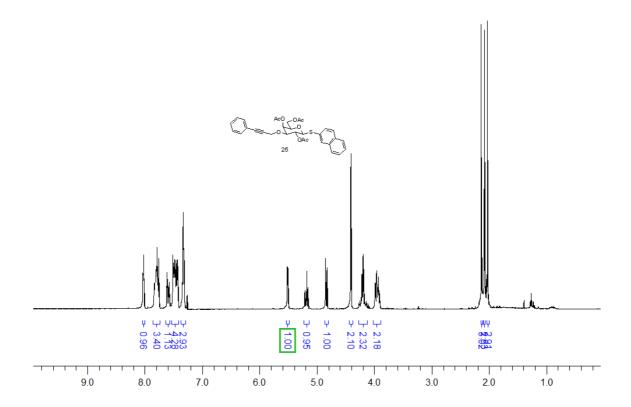


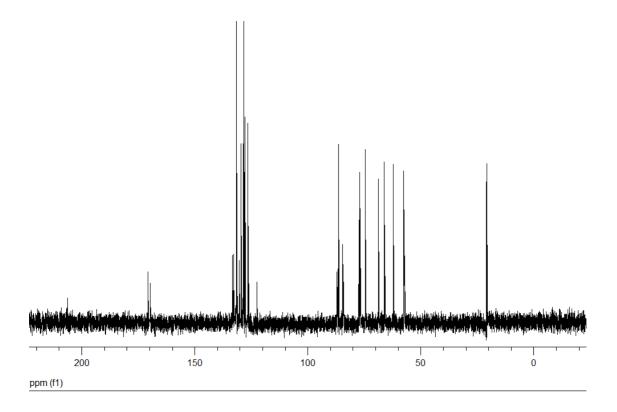


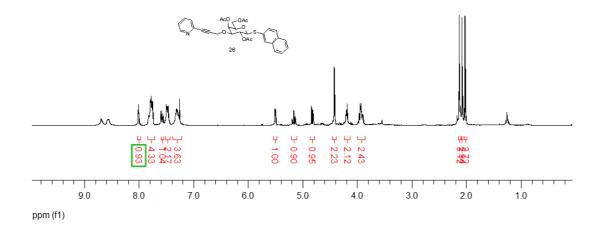


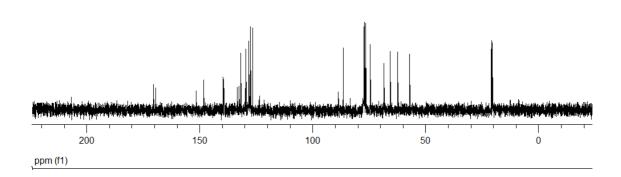


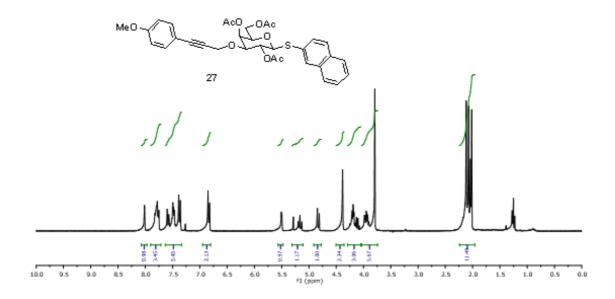


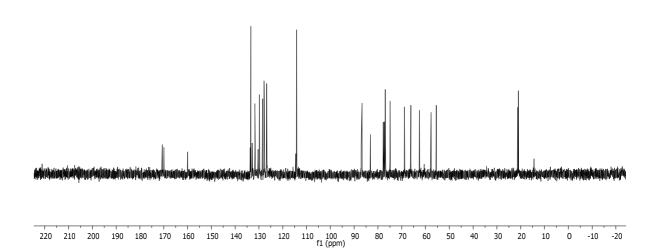


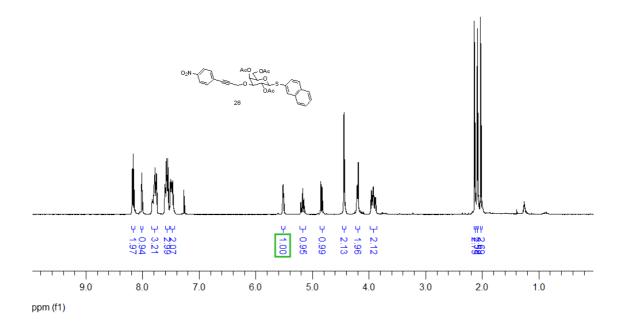


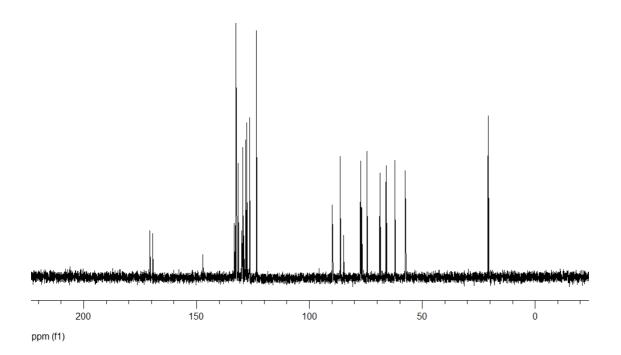


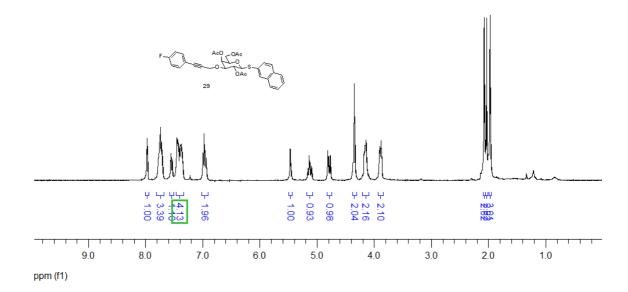


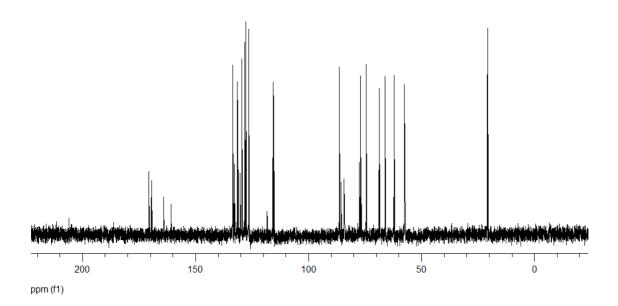


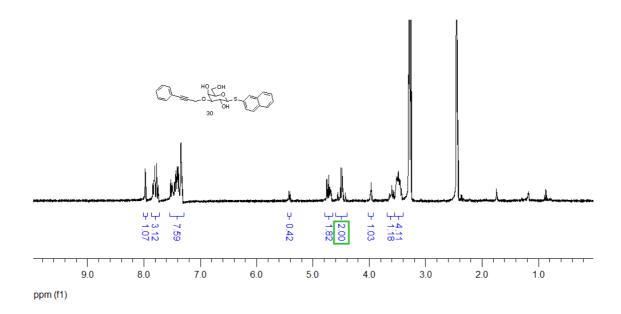


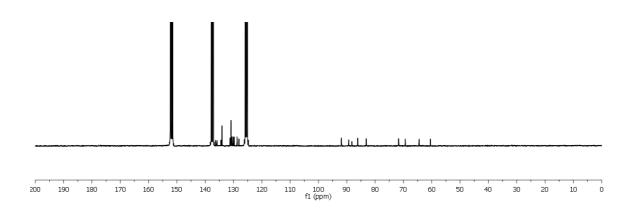


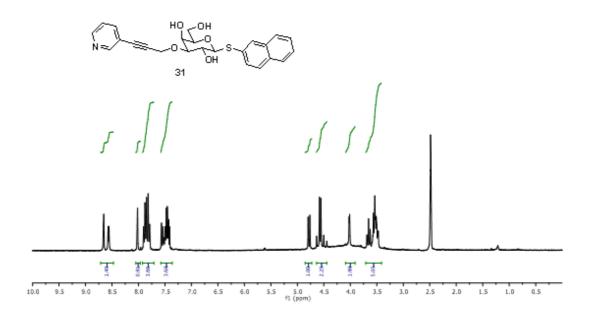


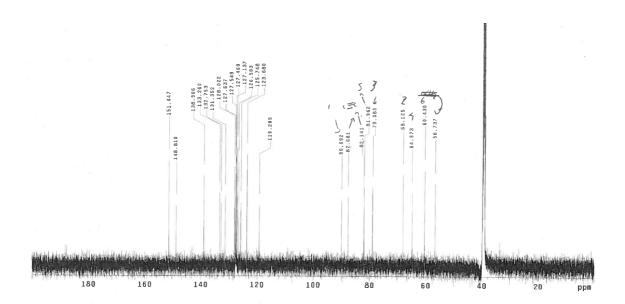


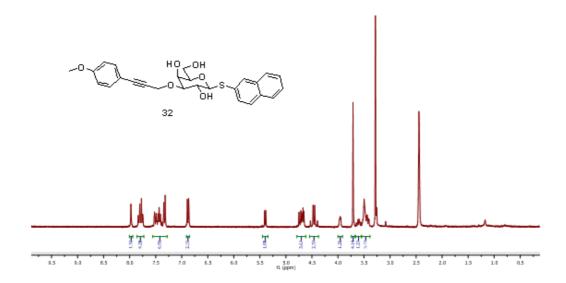


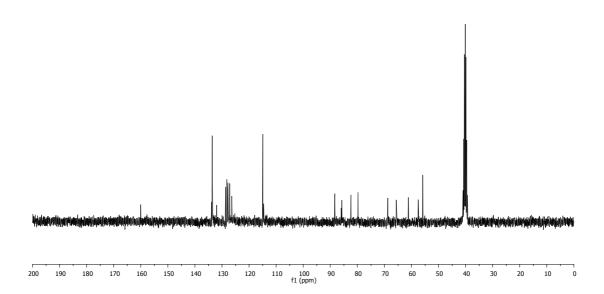








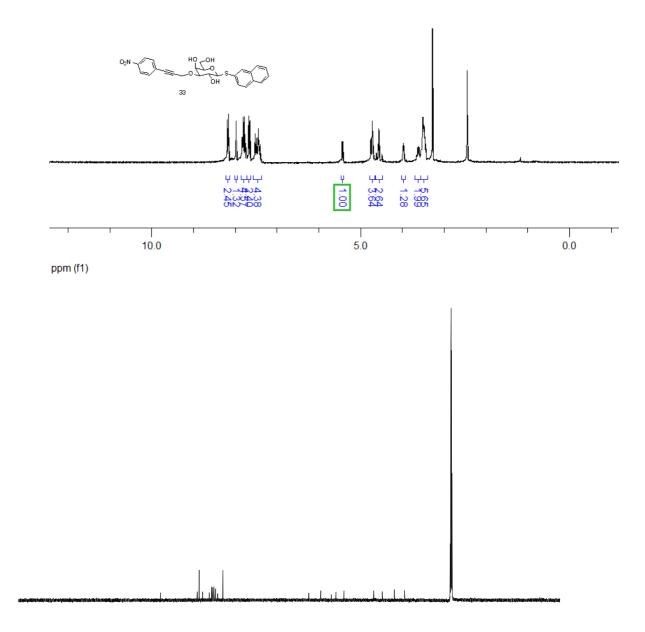




190

170

140



110 100 f1 (ppm)

