

Supporting Information File 2

for

Asymmetric total synthesis of smyrindiol employing an organocatalytic aldol key step

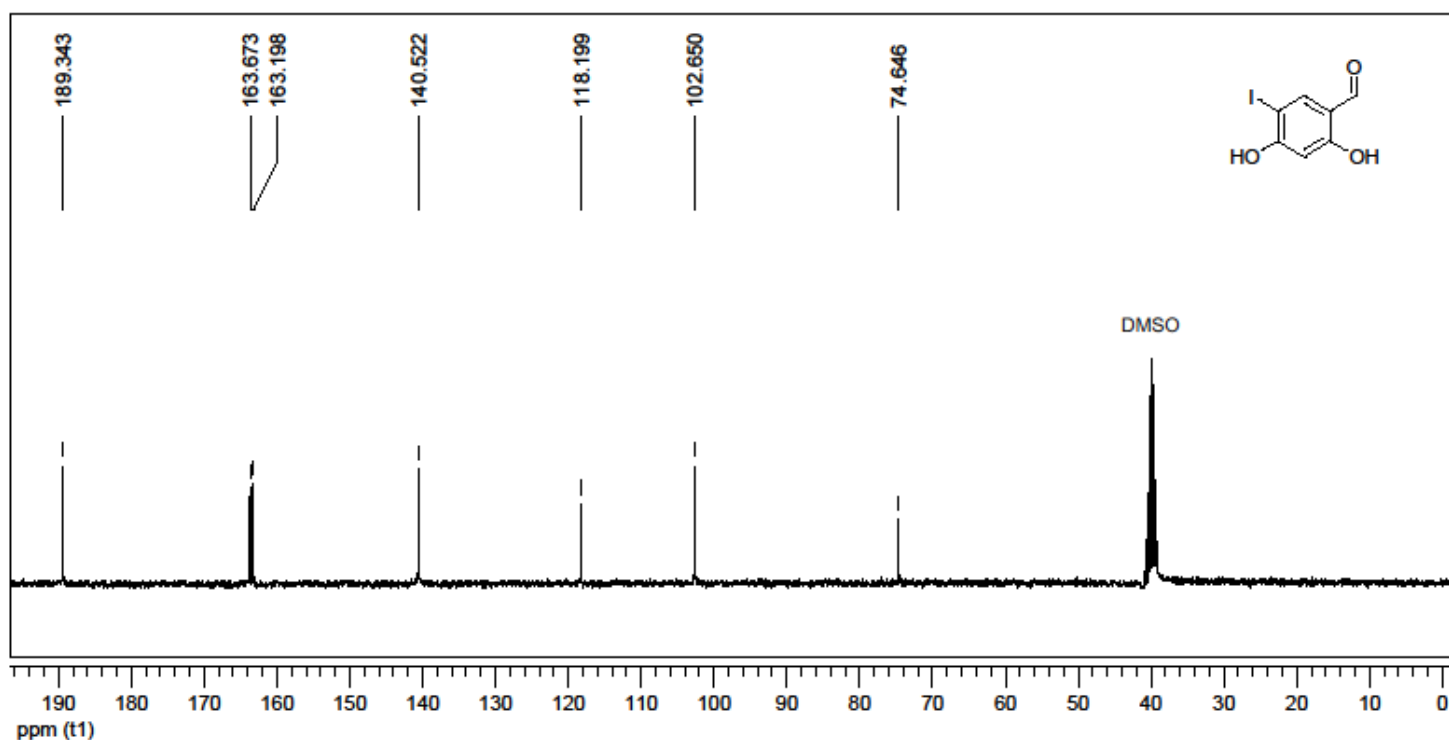
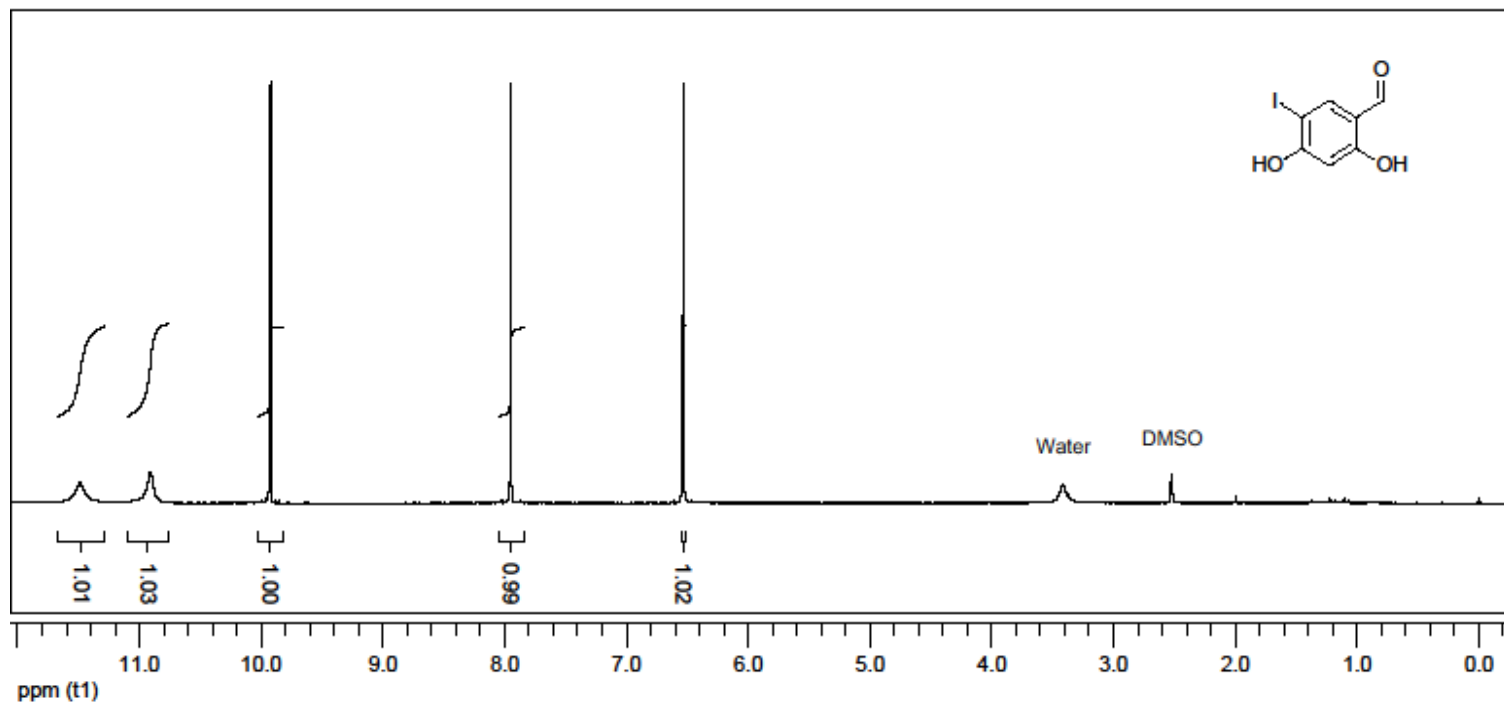
Dieter Enders*, Jeanne Fronert, Tom Bisschops and Florian Boeck

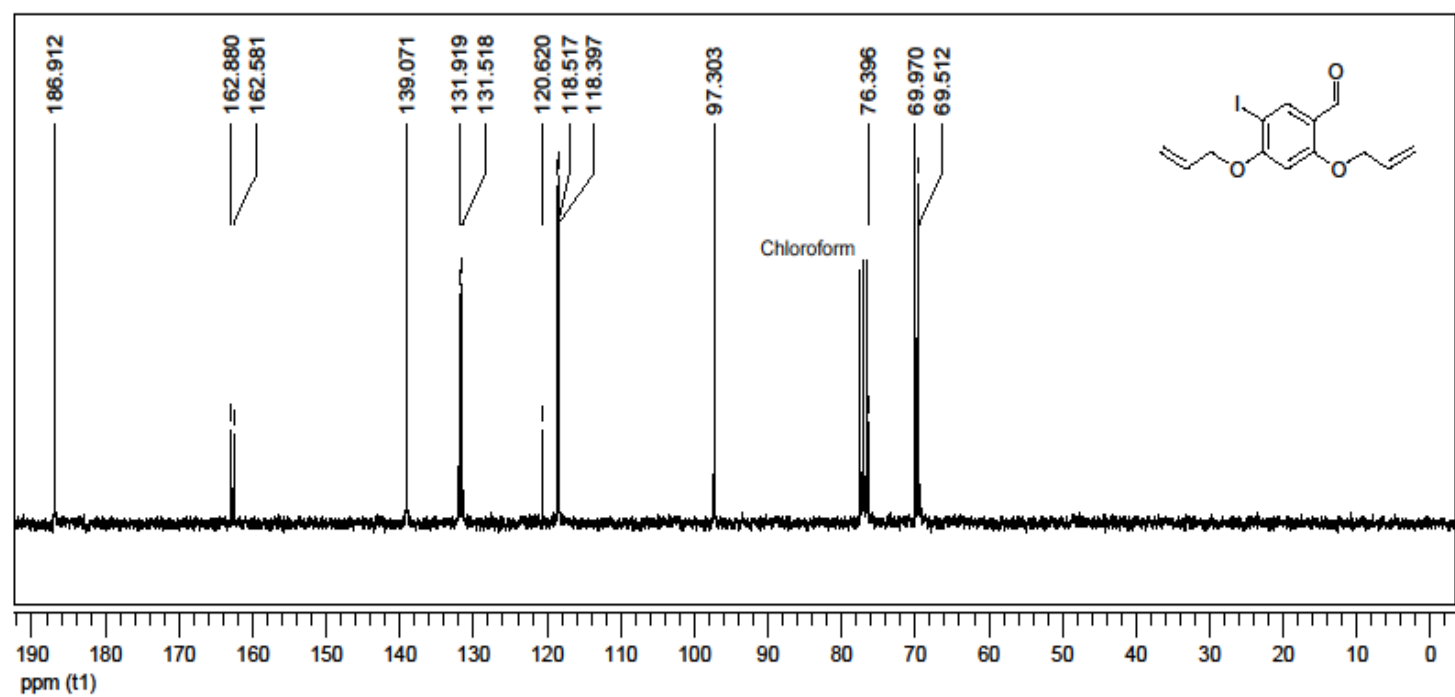
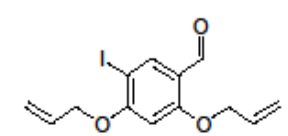
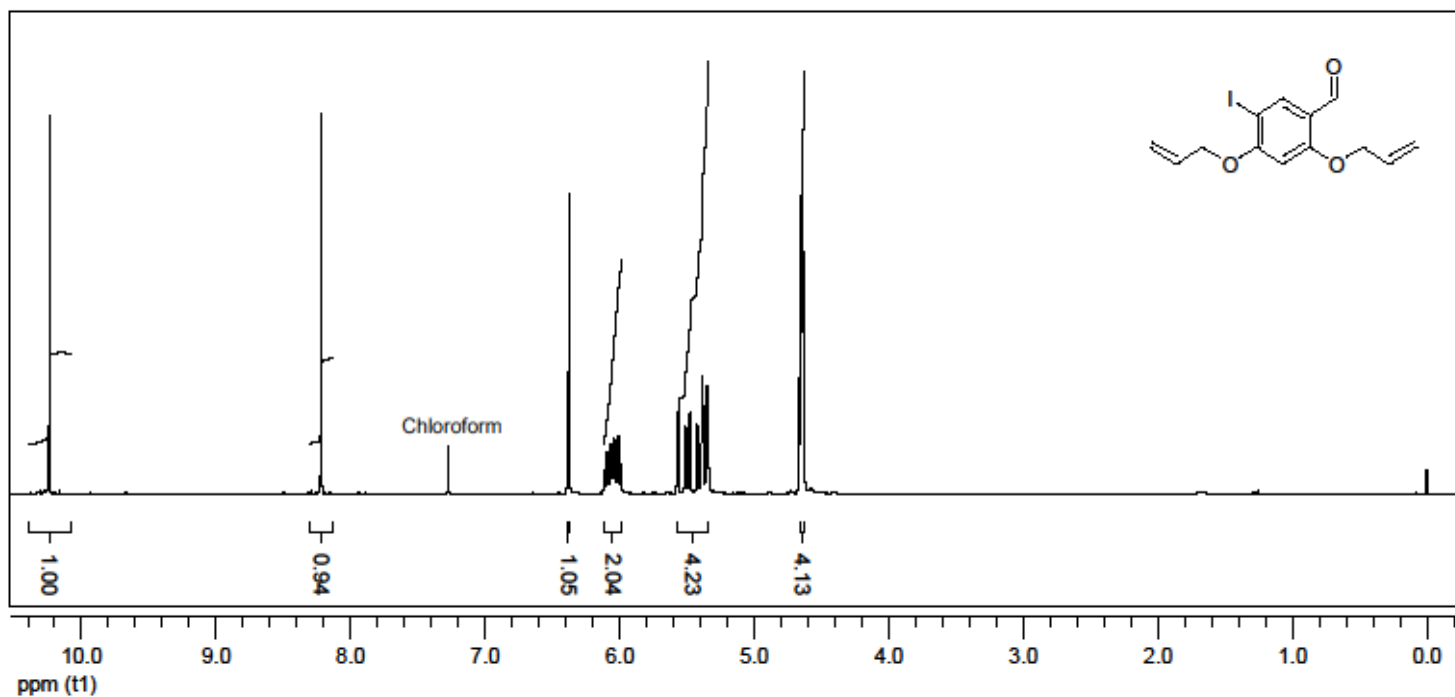
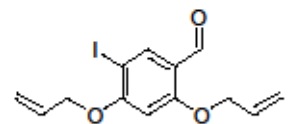
Address: Institute of Organic Chemistry, RWTH Aachen University, Landoltweg 1, 52074
Aachen, Germany

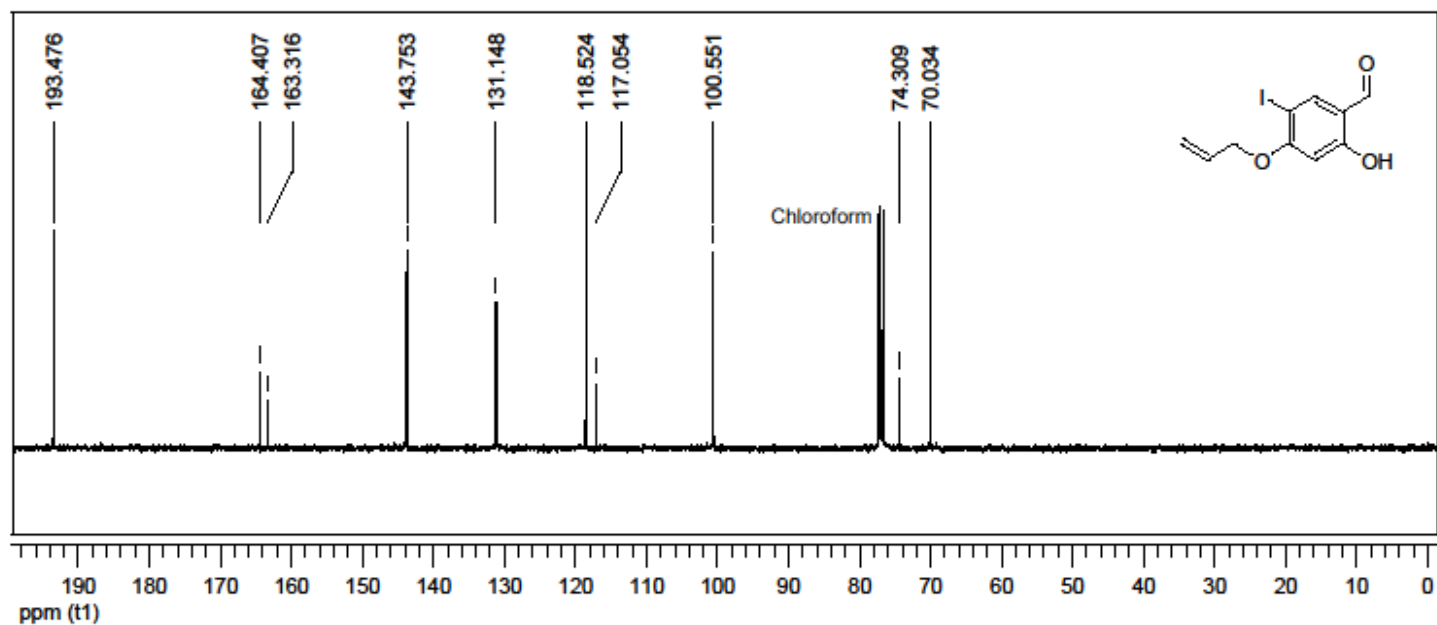
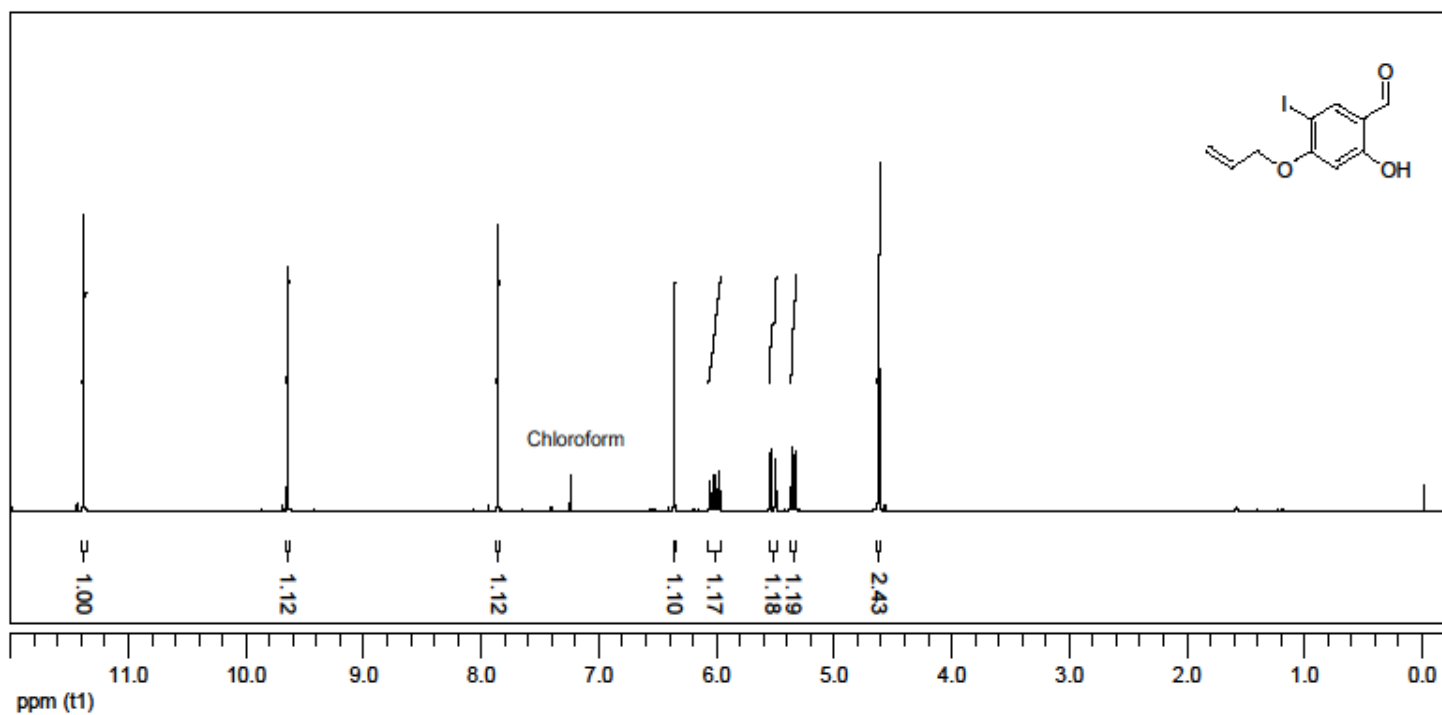
Email: Dieter Enders - enders@rwth-aachen.de

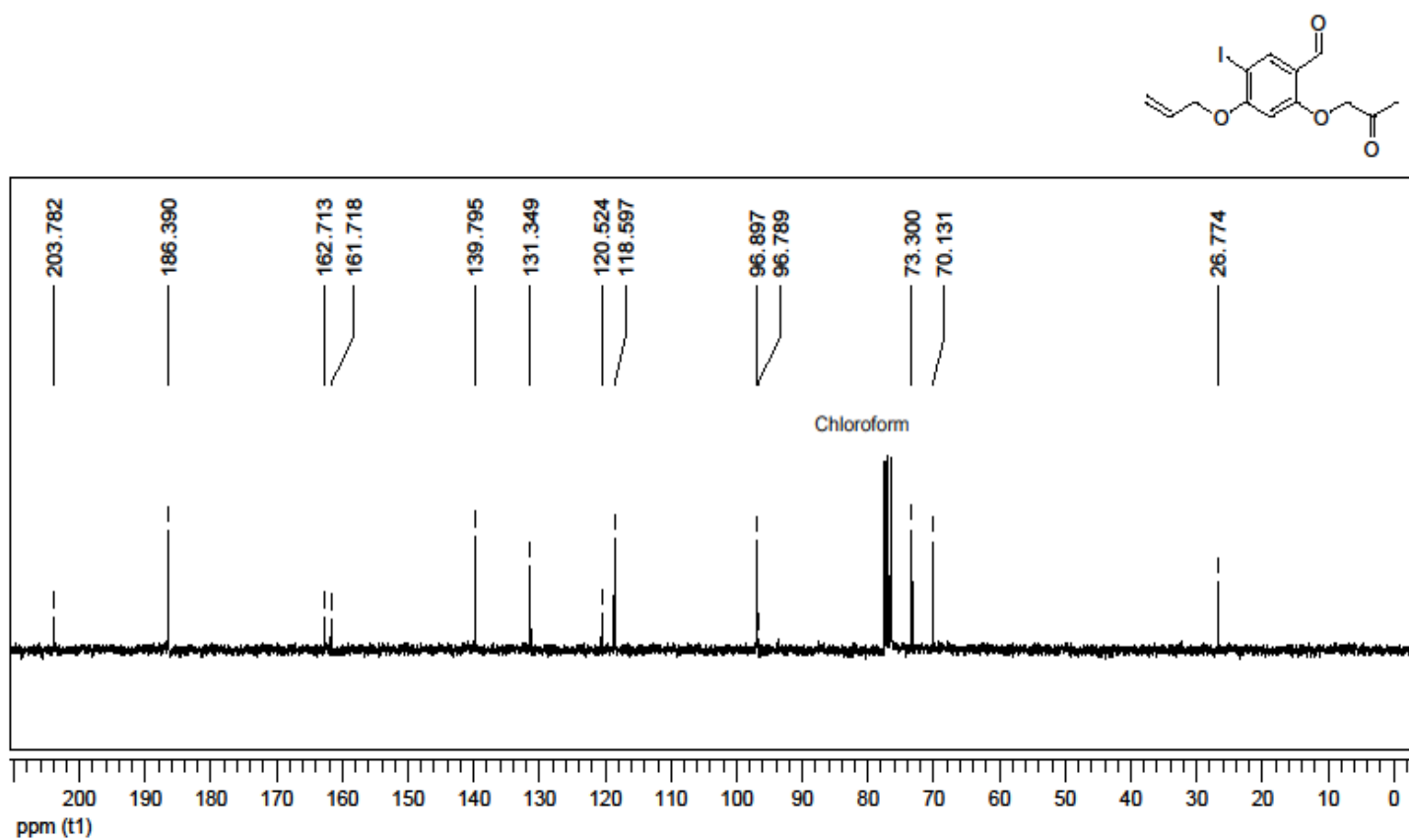
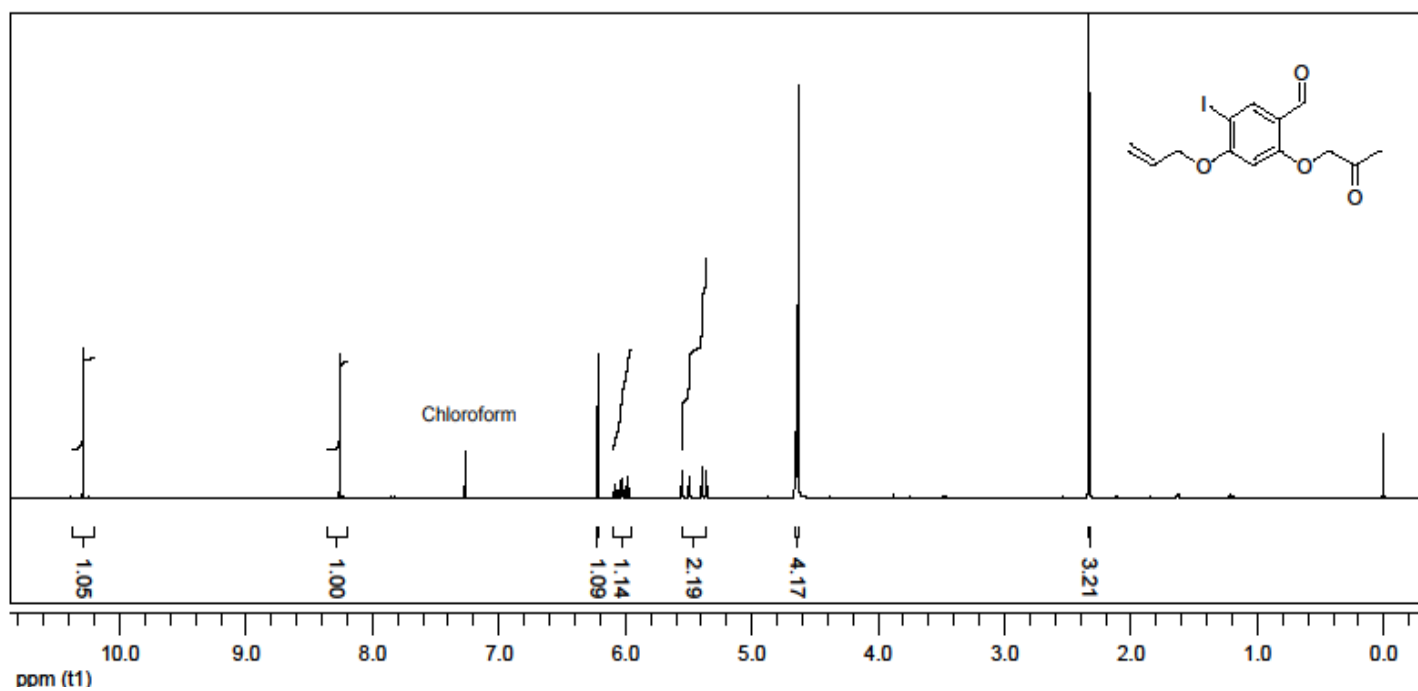
*Corresponding author

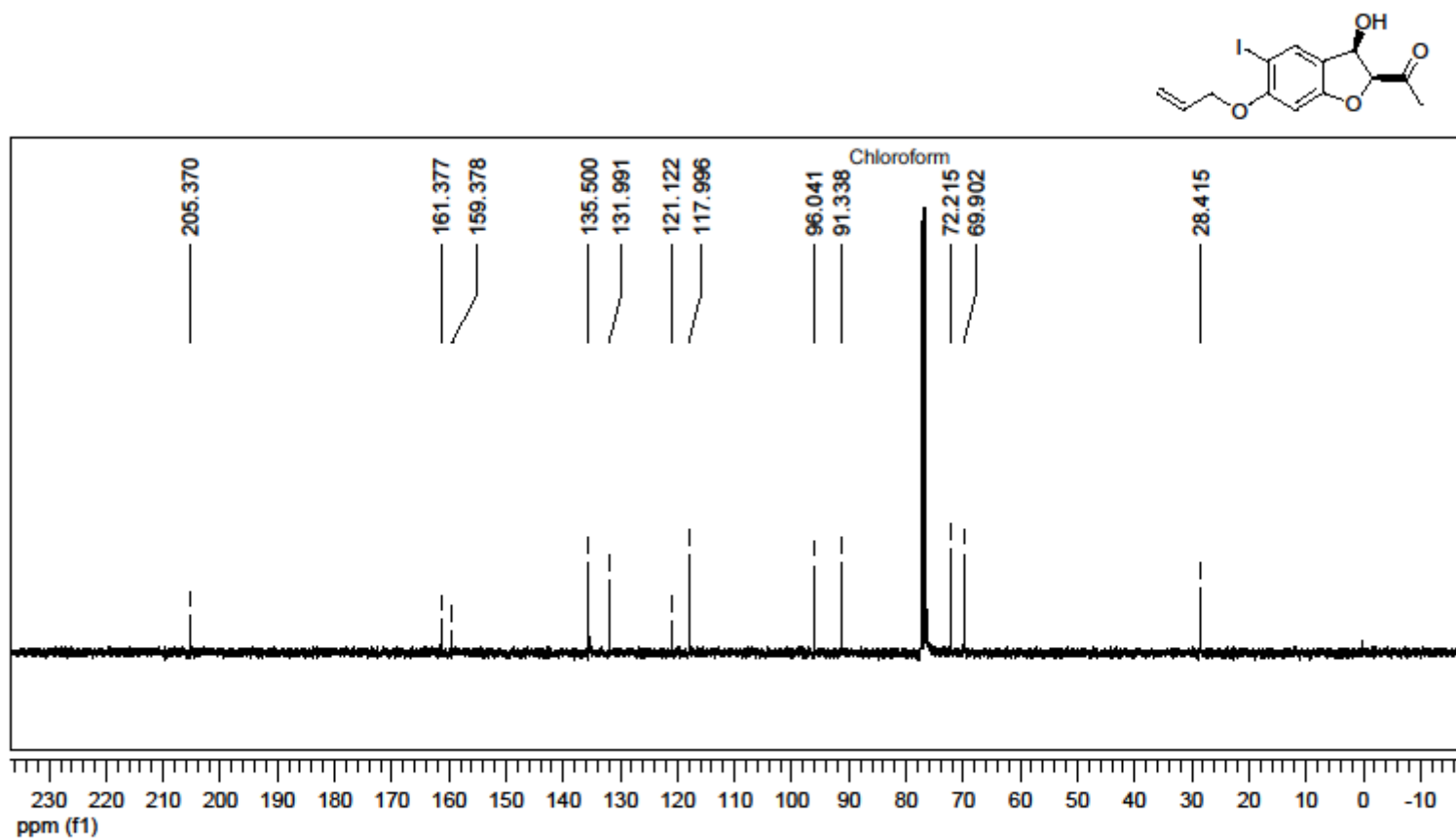
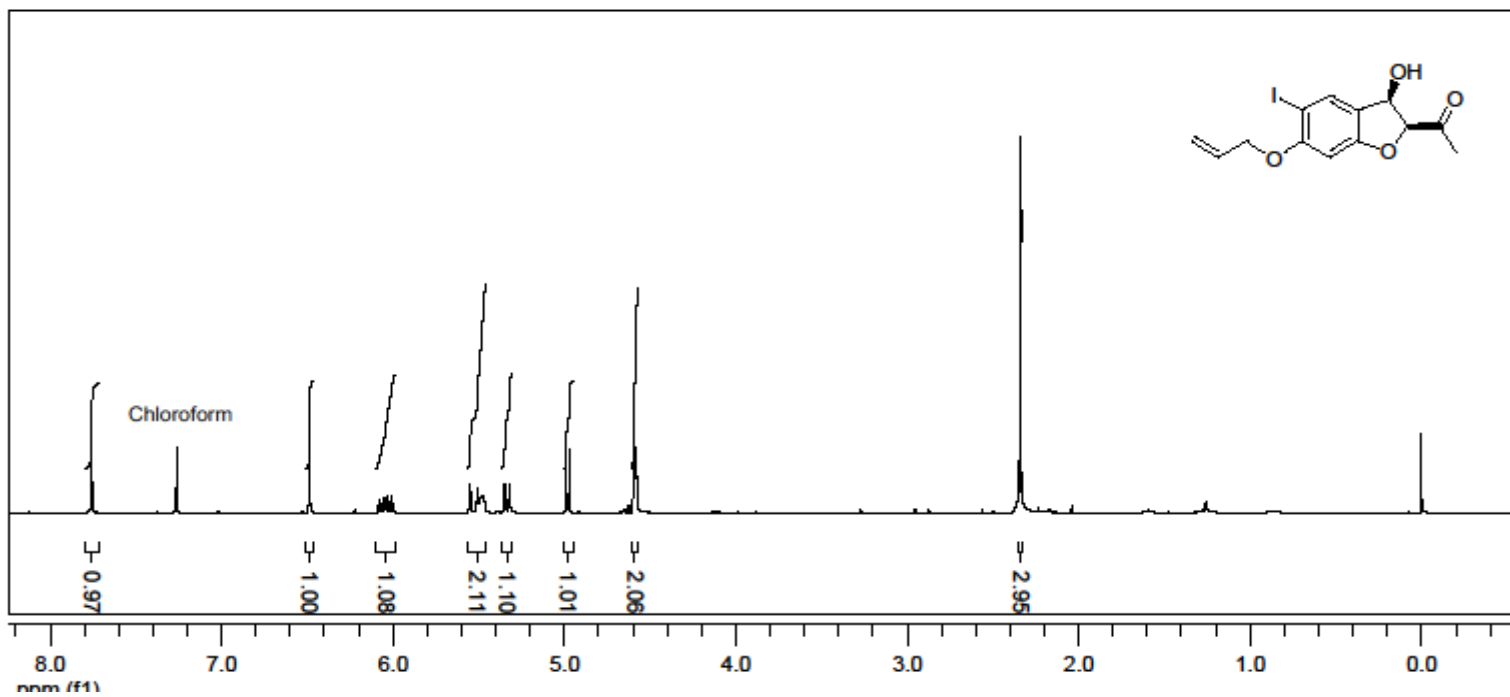
NMR-spectra and chromatograms

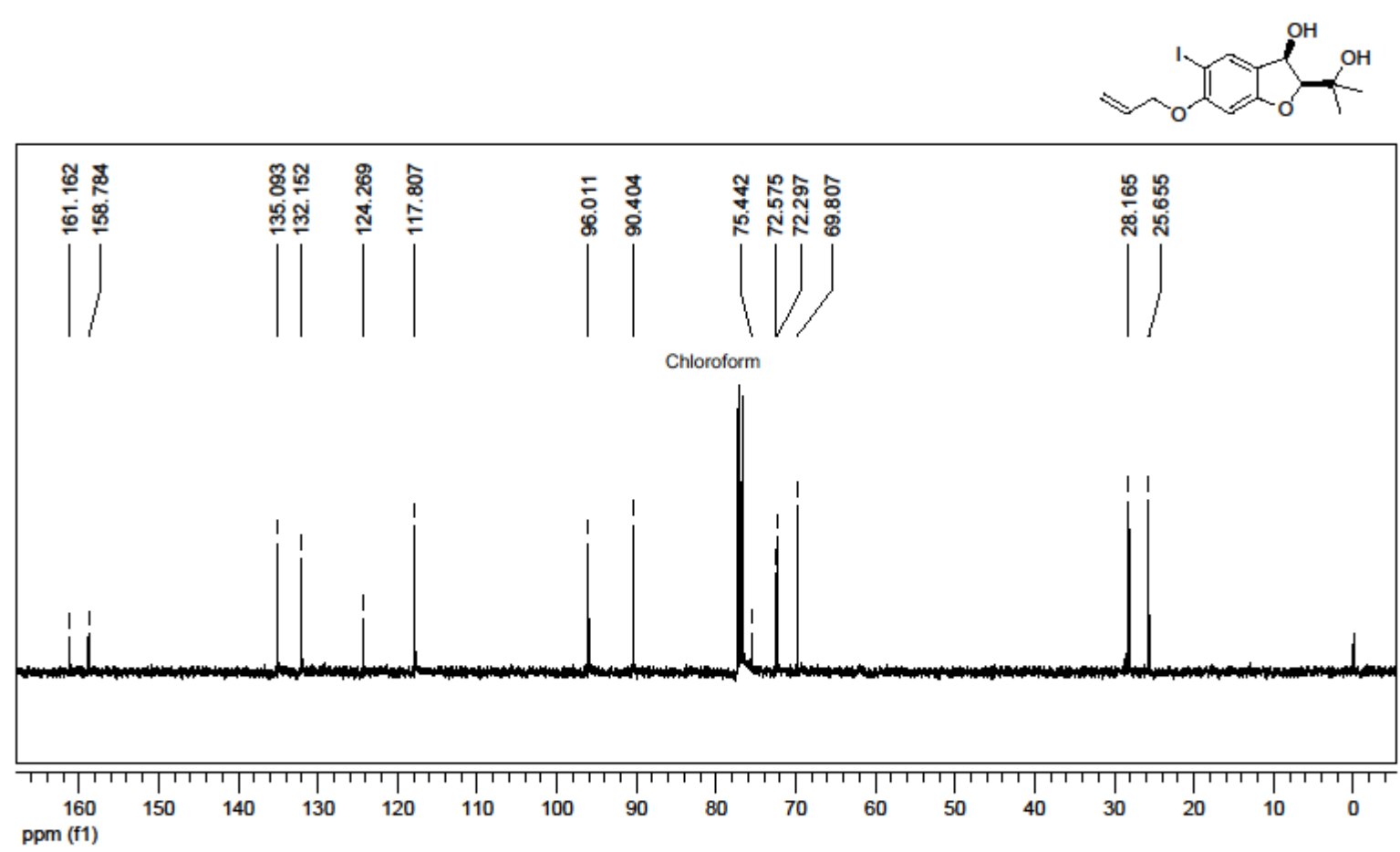
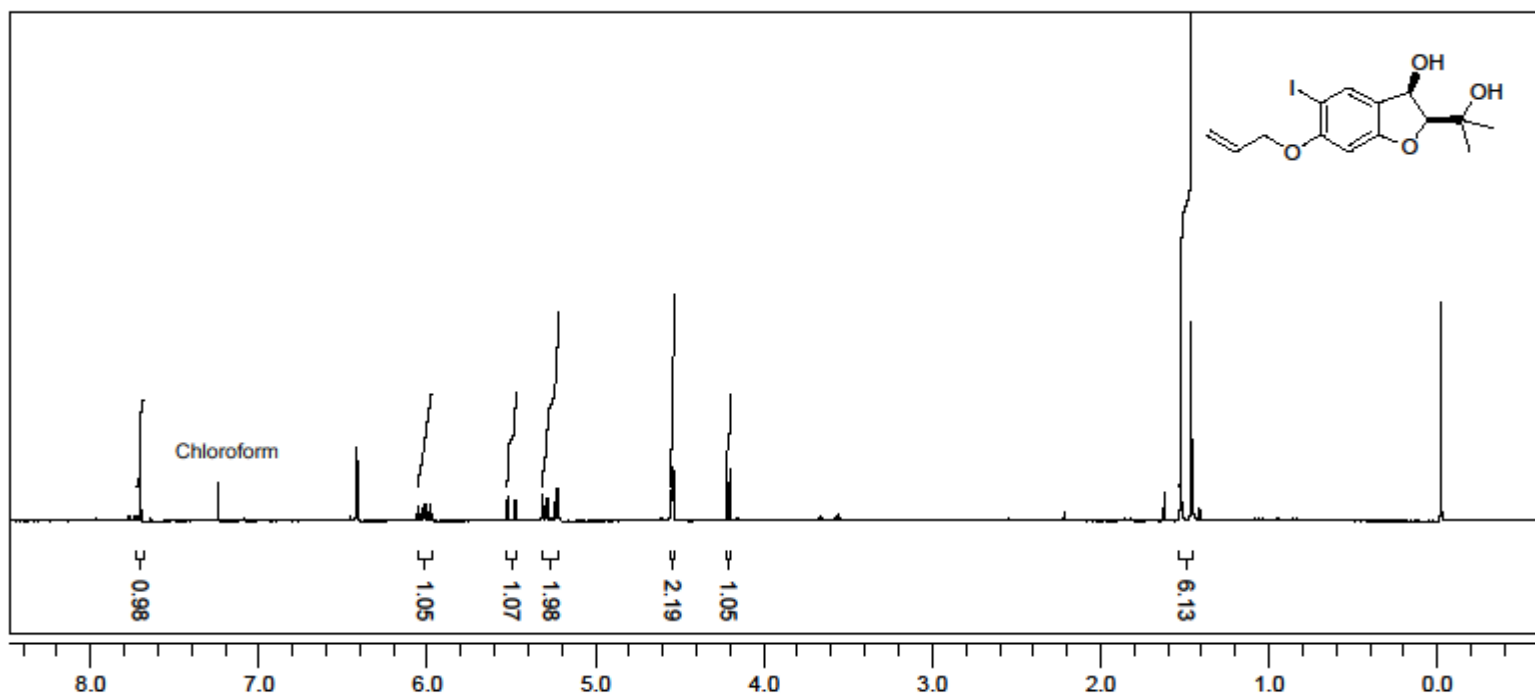


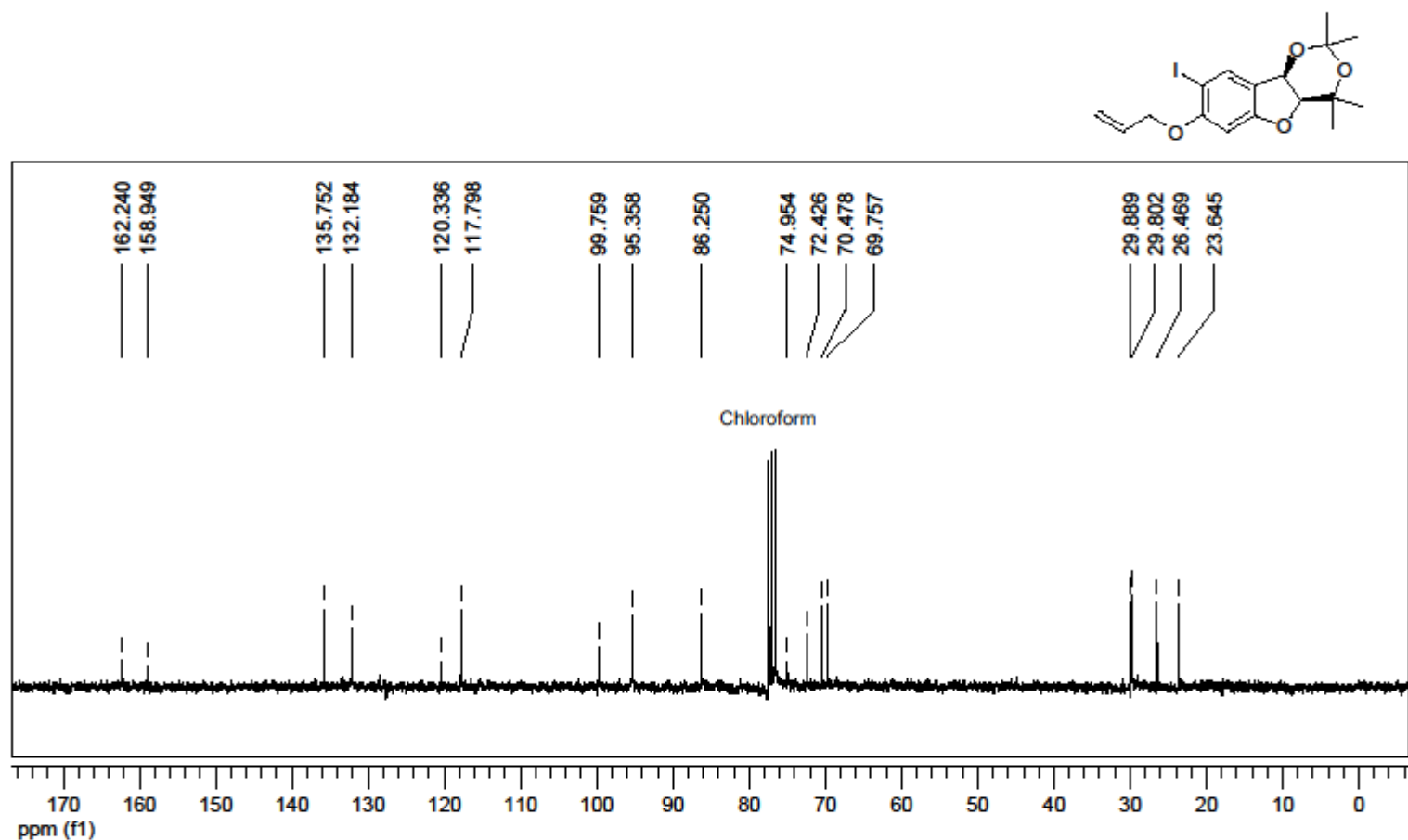
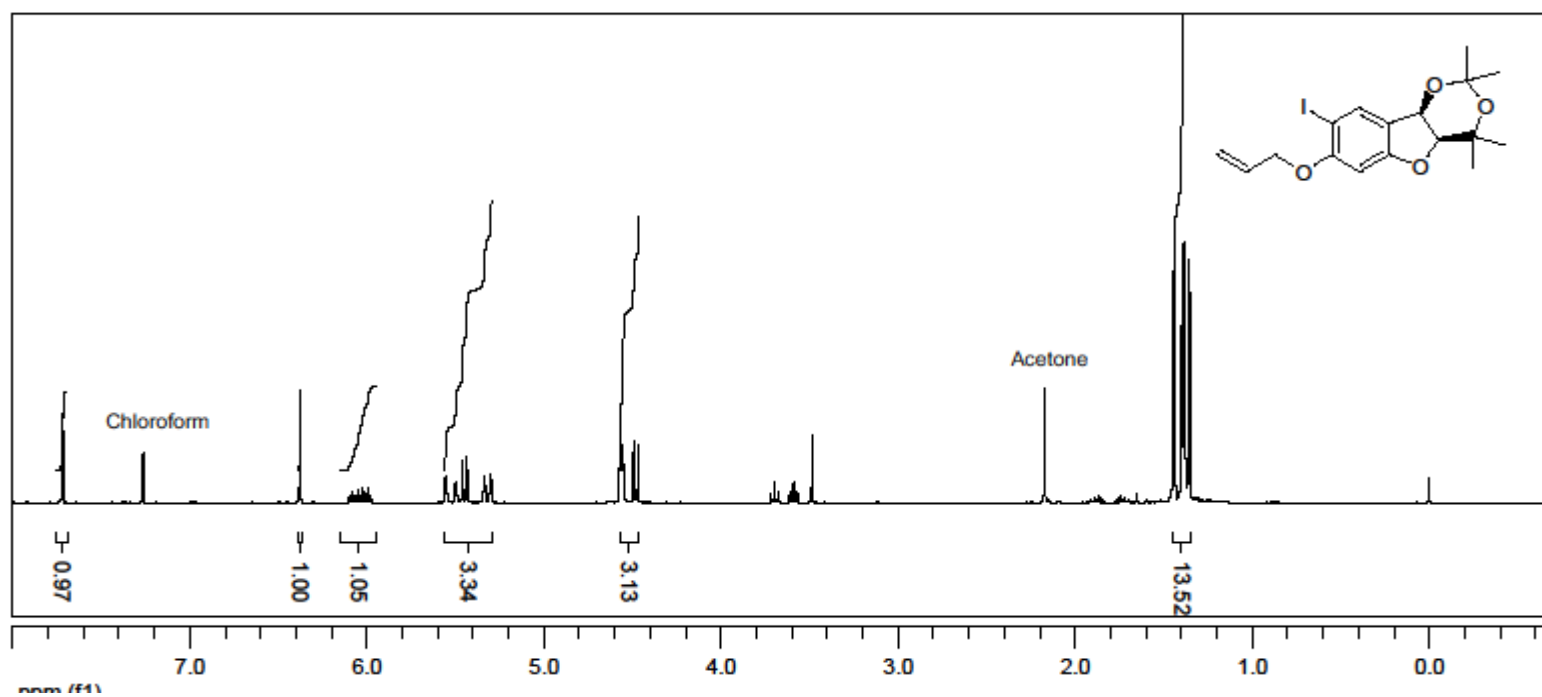


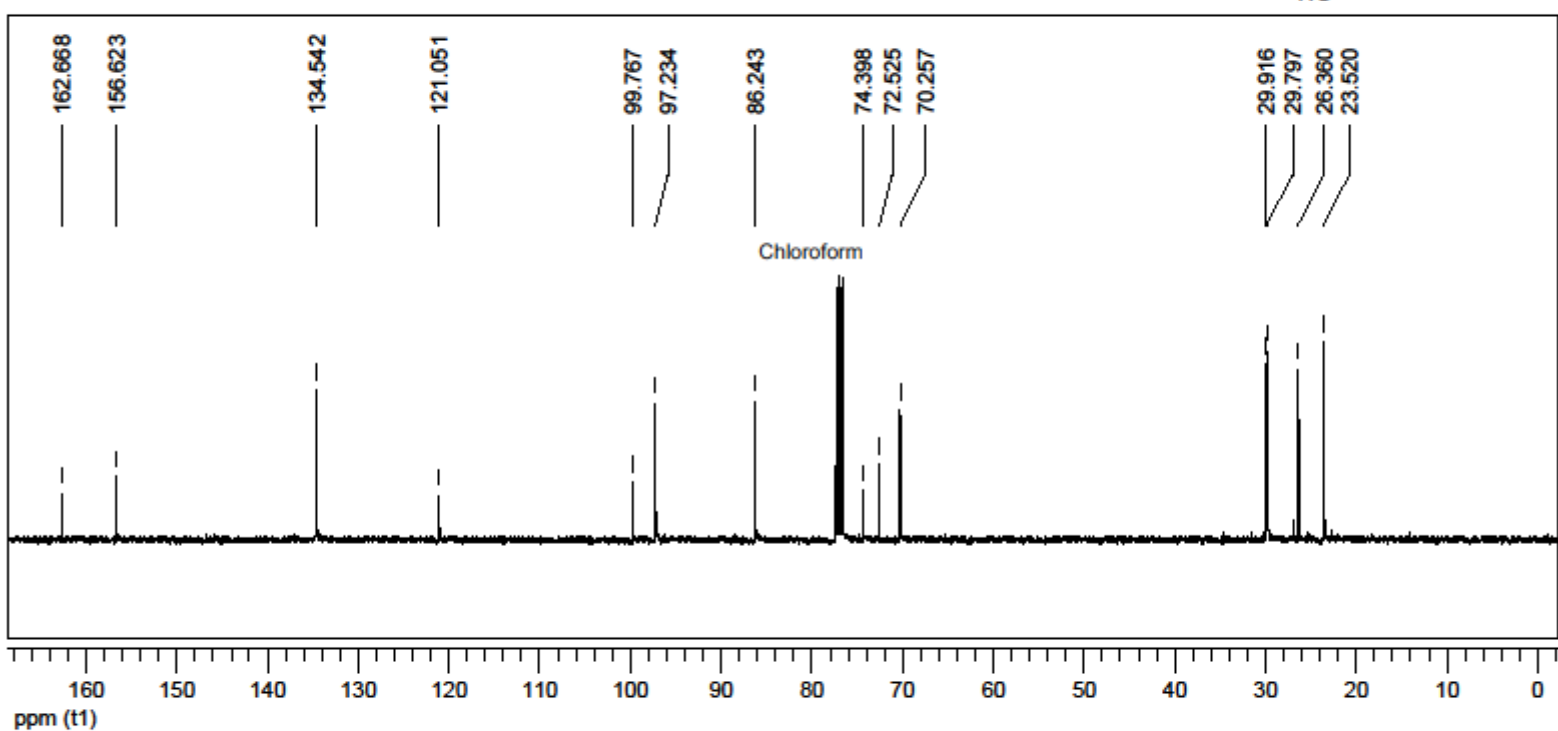
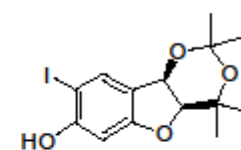
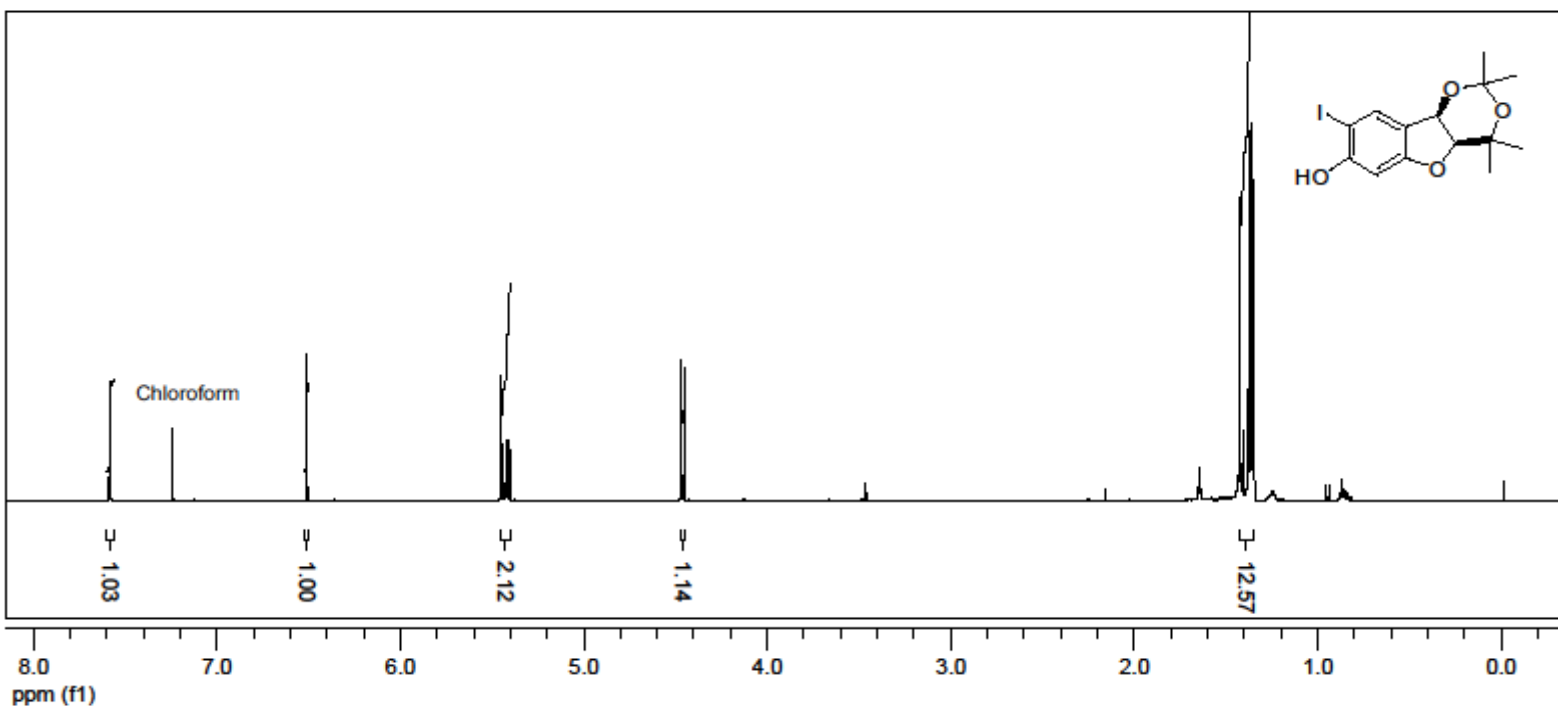
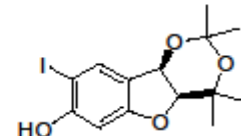


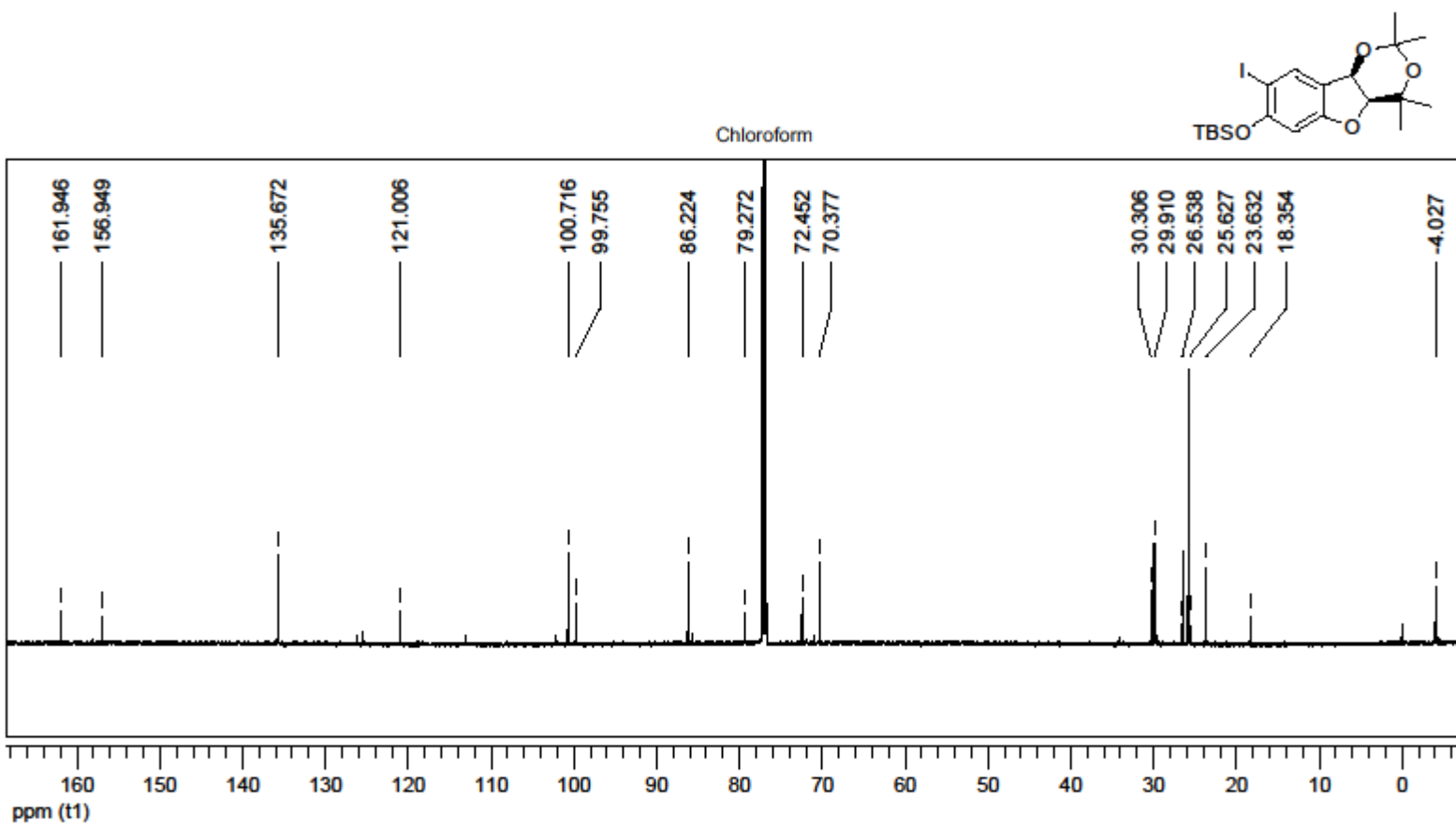
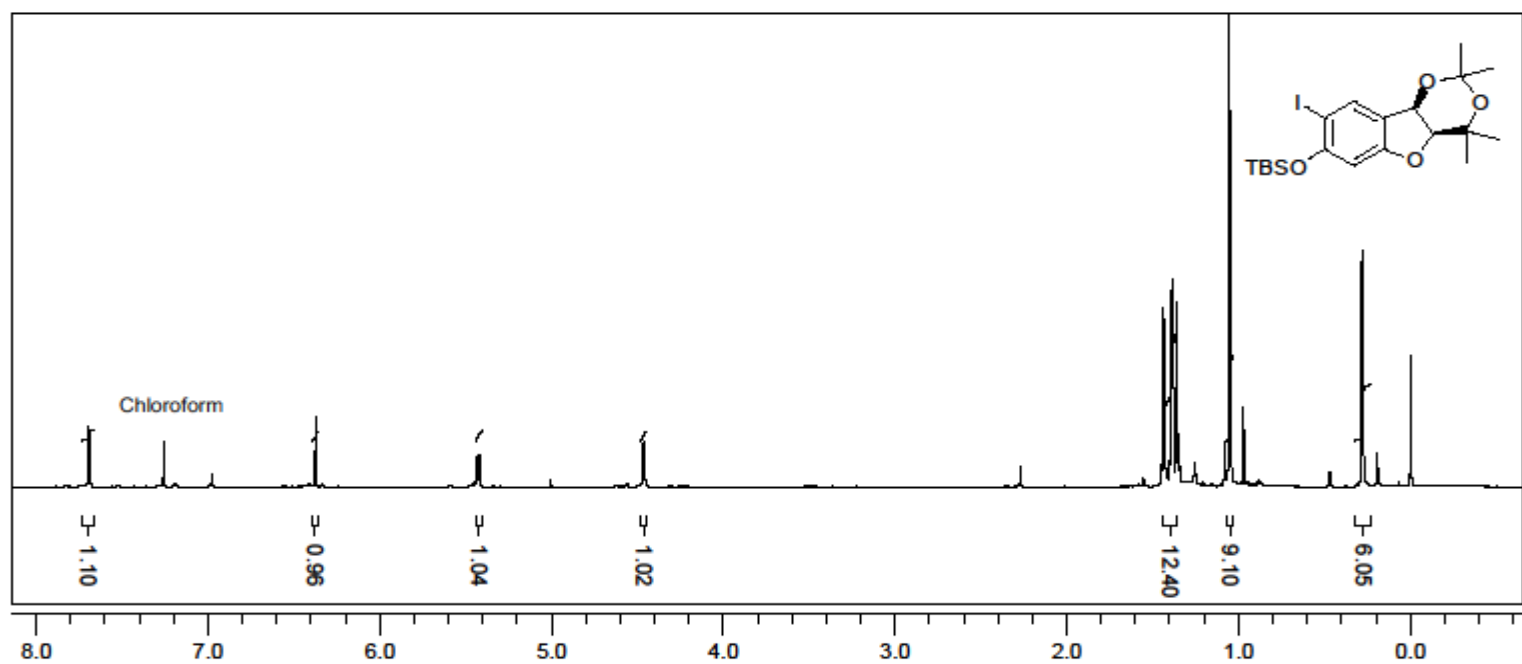


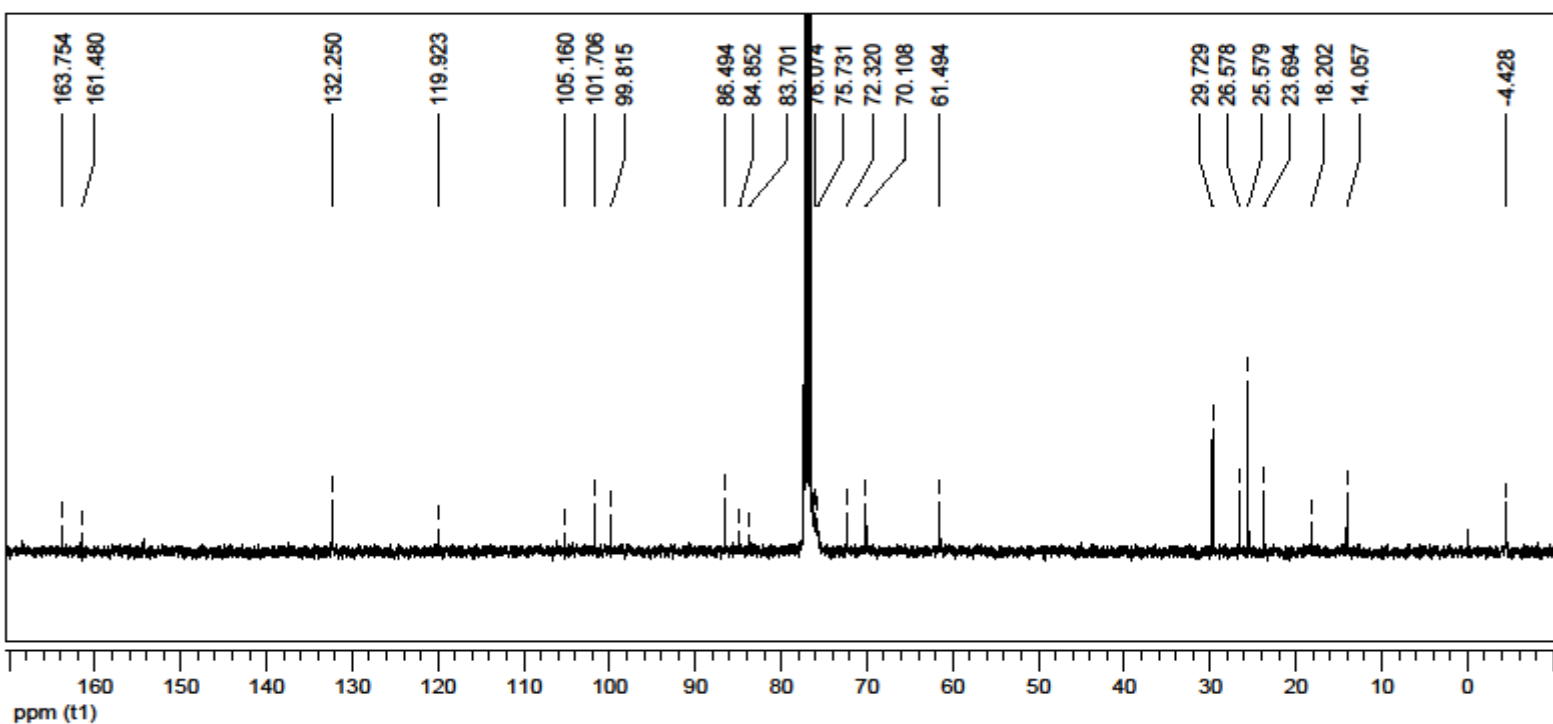
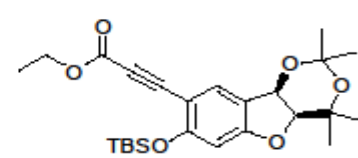
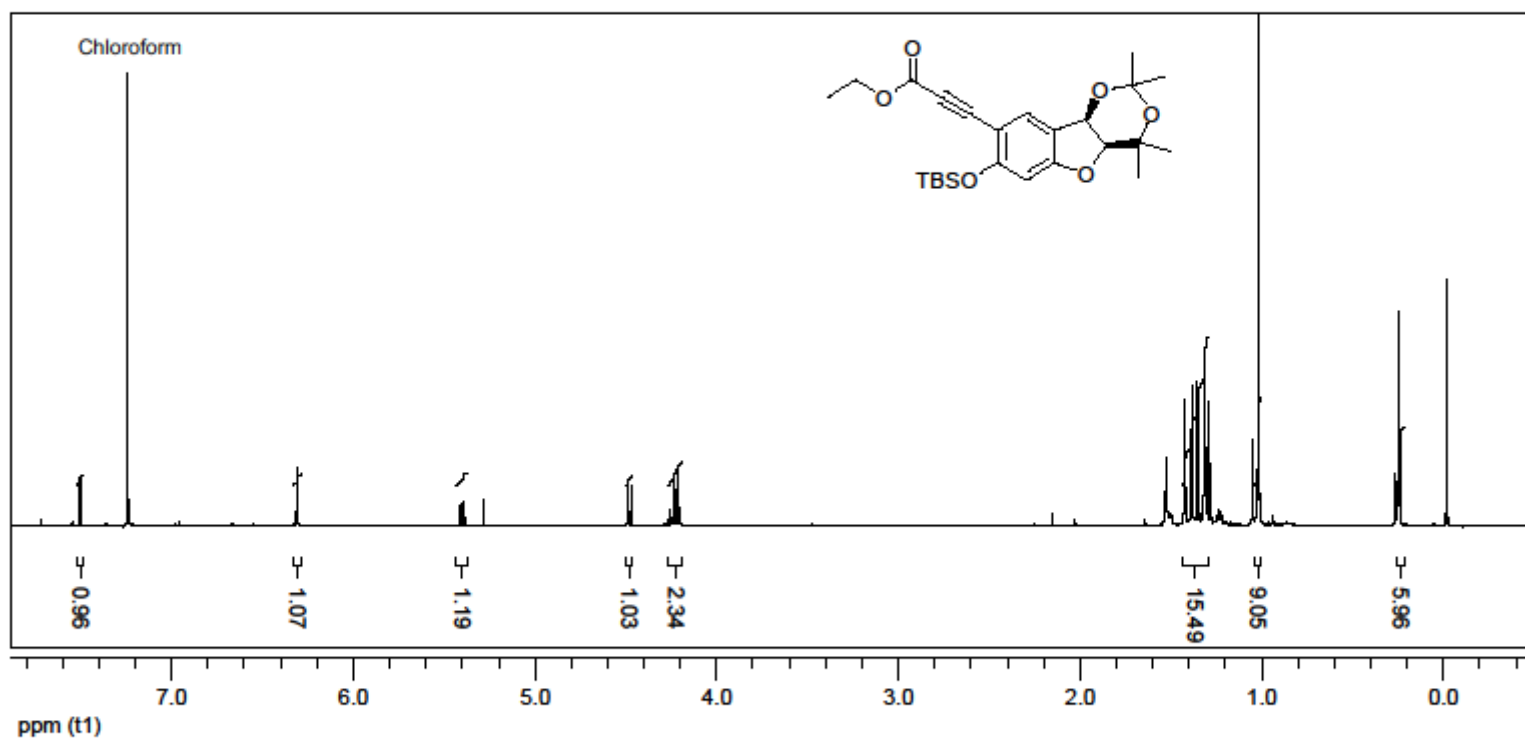


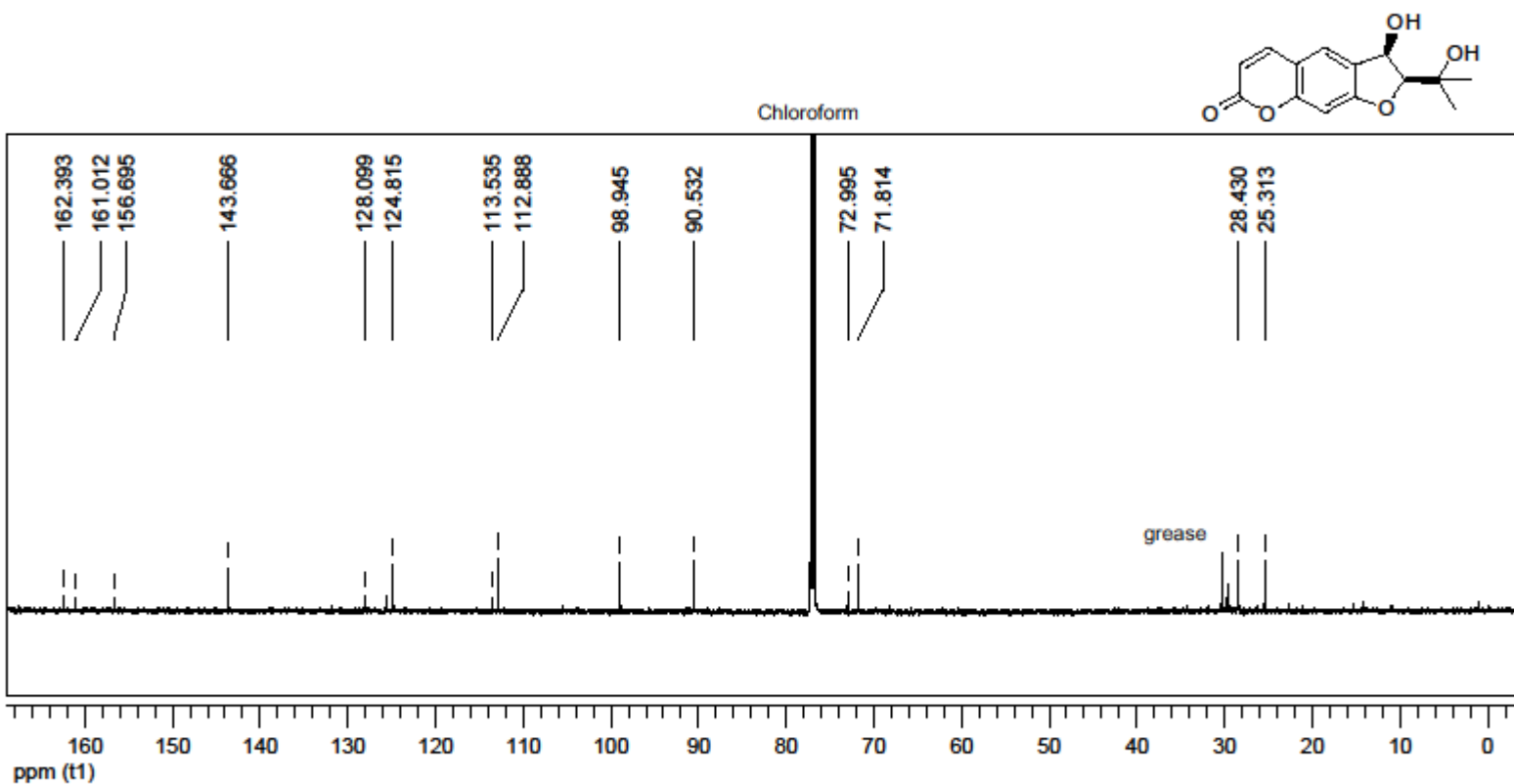
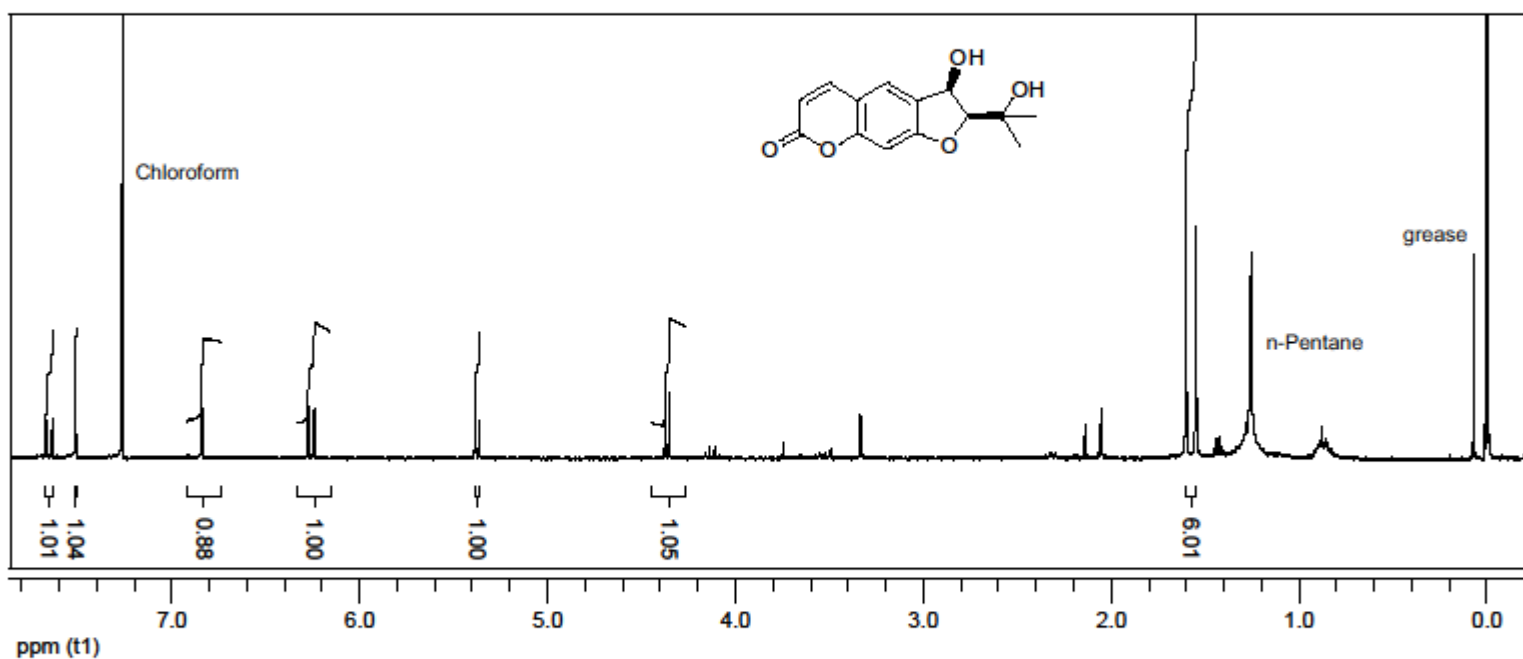










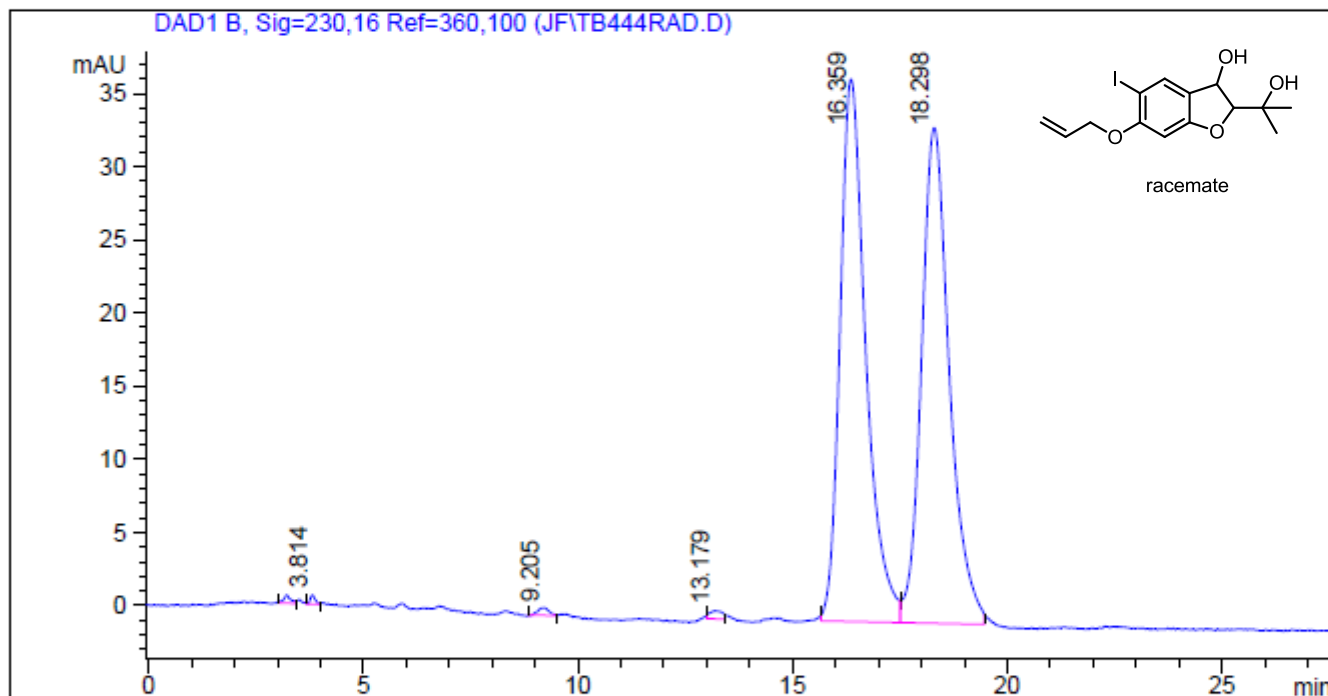


Data file: D:\GONZO\JF\TB444RAD.D
 Sample Info: Laufmittel: n-Heptan/EtOH 9:1;
 Die Probe ist in DCM/LM gelöst.

Säule: DAICELAD.M
 Säuleninfo: (250x4,6)mm
 Operator: Analytik Labor AKEN

Injektion Time: 15:14:13
 Injektion Date: 06.01.2012

Instrument Conditions:	At Start	At Stop
Temperature in °C:	30.0 °C	30.0 °C
Pressure in bar:	30.1	31.4
Flow in ml/min:	1.00	1.00



#	Ret. Time (min)	Width	Height (mAU)	Area (mAU*s)	Area %
1	3.21	0.16	0.56	6.61	0.21
2	3.81	0.12	0.62	4.96	0.16
3	9.20	0.24	0.53	9.45	0.30
4	13.18	0.26	0.56	11.60	0.37
5	16.36	0.62	37.08	1548.53	49.74
6	18.30	0.75	33.87	1532.40	49.22
Total				3113.55	100.00

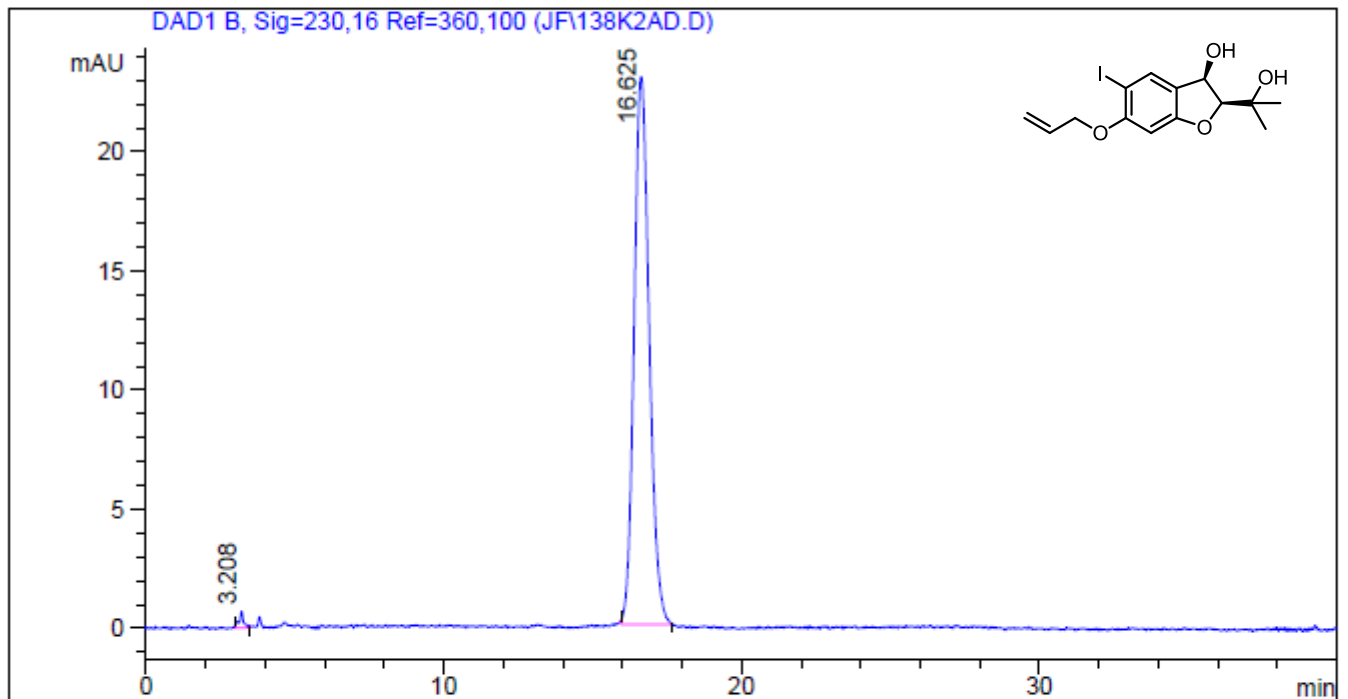


Data file: D:\GONZO\JF\138K2AD.D
Sample Info: Laufmittel: n-Heptan/EtOH 9:1;
Die Probe ist in DCM/LM gelöst

Säule: DAICELAD.M
Säuleninfo: (250x4,6)mm
Operator: Analytik Labor AKEN

Injektion Time: 11:12:10
Injektion Date: 18.01.2012

Instrument Conditions:	At Start	At Stop
Temperature in °C:	30.0 °C	30.0 °C
Pressure in bar:	23.3	24.2
Flow in ml/min:	1.00	1.00



#	Ret. Time (min)	Width	Height (mAU)	Area (mAU*s)	Area %
1	3.21	0.14	0.70	7.31	0.89
2	16.63	0.54	22.99	812.30	99.11
Total				819.61	100.00