

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
 Data File : BL000566.D
 Acq On : 16 Feb 2012 15:20
 Operator : HLM
 Sample : PB61100BL
 Misc : SOIL BNA_L HLM
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 20 06:51:31 2012
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Feb 17 10:16:01 2012
 Response via : Initial Calibration

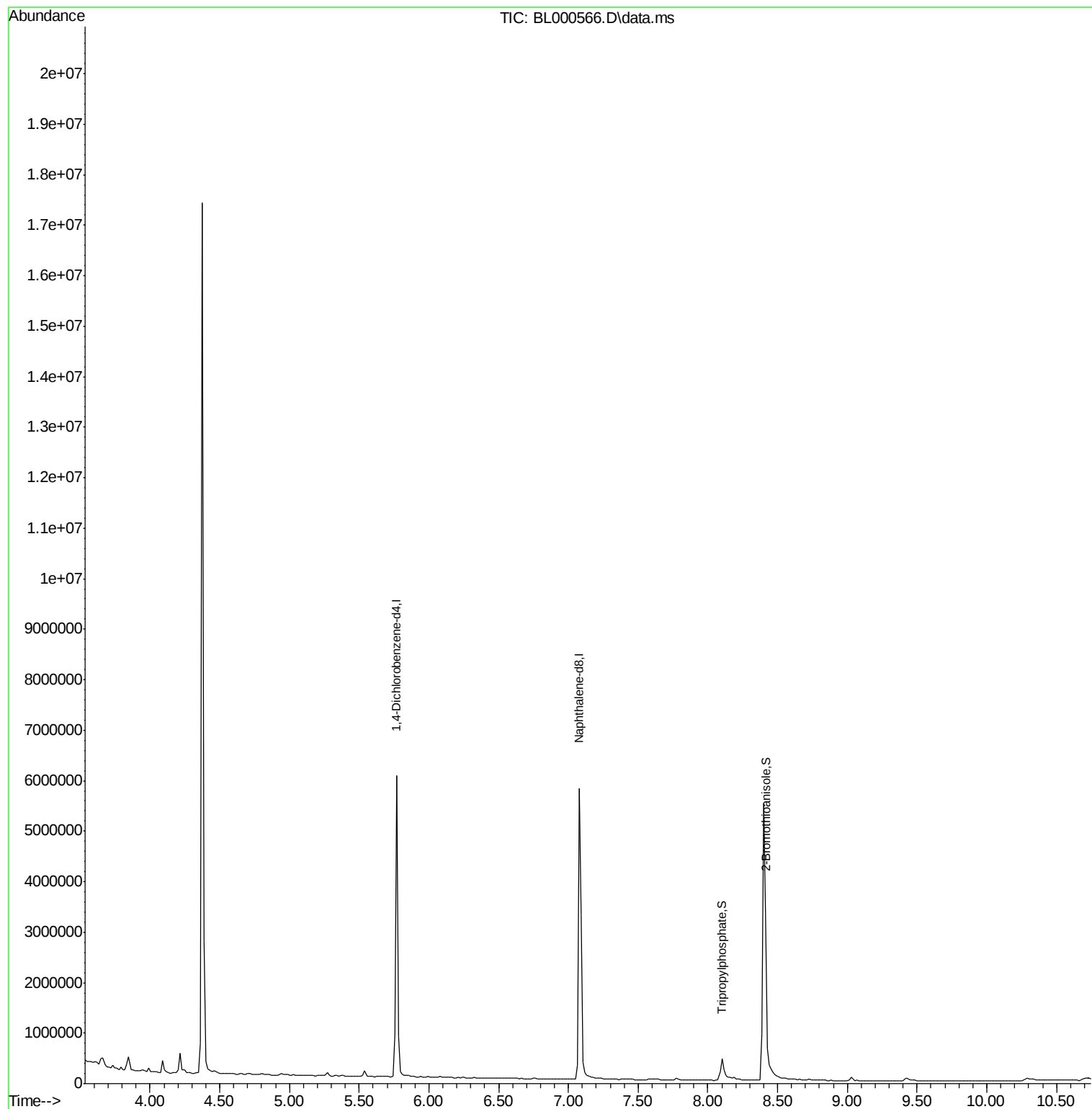
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

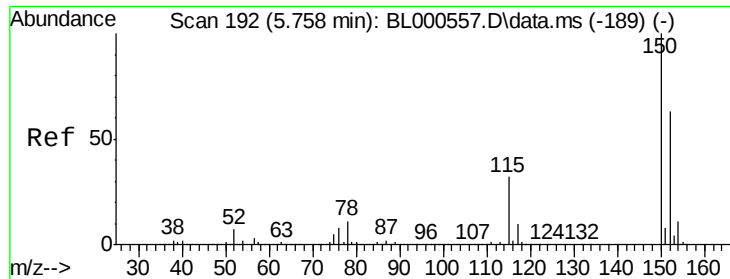
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.768	152	1371824	2.00	ug/mL	0.01
6) Naphthalene-d8	7.077	136	4424909	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	8.101	99	513378m	0.41	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	82.00%	
12) 2-Bromothioanisole	8.414	204	1316540	4.64	ug/mL	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery	=	92.80%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	0.000		0	N.D.	d	
3) DMMP	0.000		0	N.D.	d	
4) DIMP	0.000		0	N.D.		
5) 1,4-Oxathiane	0.000		0	N.D.	d	
7) 1,4-Dithiane	0.000		0	N.D.	d	
8) Thiodiglycol	0.000		0	N.D.	d	
9) Benzothiazole	0.000		0	N.D.		
11) p-Chlorophenylmethyisu...	0.000		0	N.D.	d	
13) p-Chlorophenylmethyisu...	0.000		0	N.D.	d	
14) p-Chlorophenylmethyisu...	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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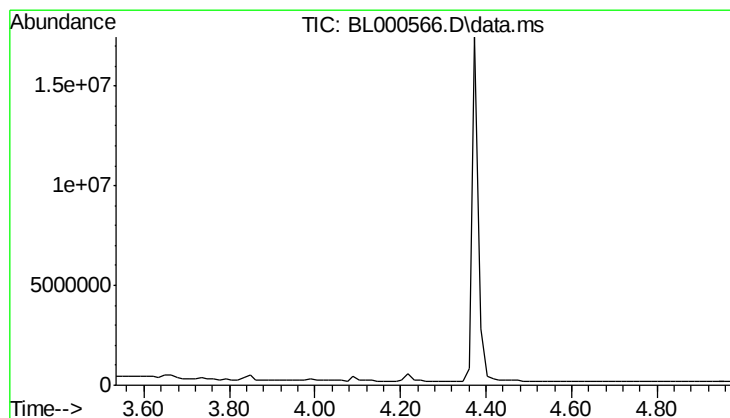
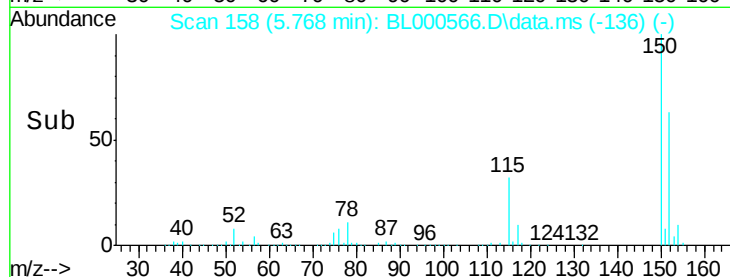
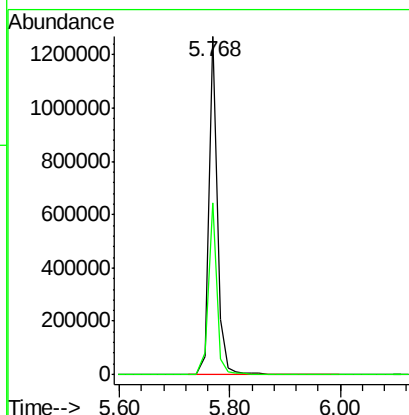
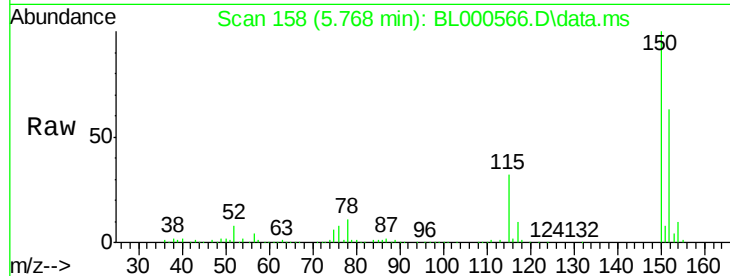




#1

1,4-Dichlorobenzene-d4
 Concen: 2.00 ug/mL
 RT: 5.768 min Scan# 158
 Delta R.T. 0.012 min
 Lab File: BL000566.D
 Acq: 16 Feb 2012 15:20

Tgt Ion: 152 Resp: 1371824
 Ion Ratio Lower Upper
 152 100
 115 51.0 32.2 72.2

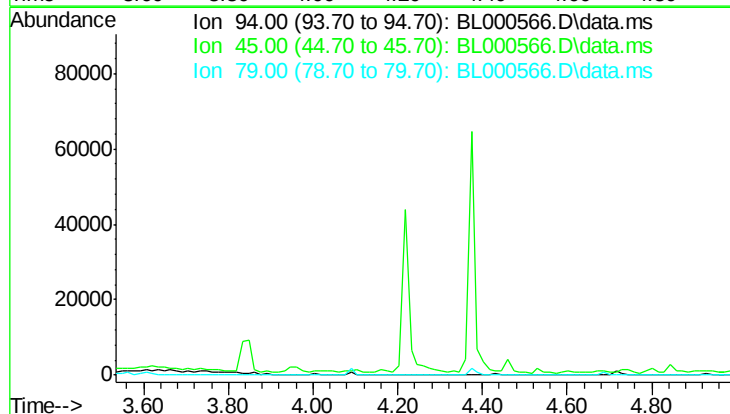


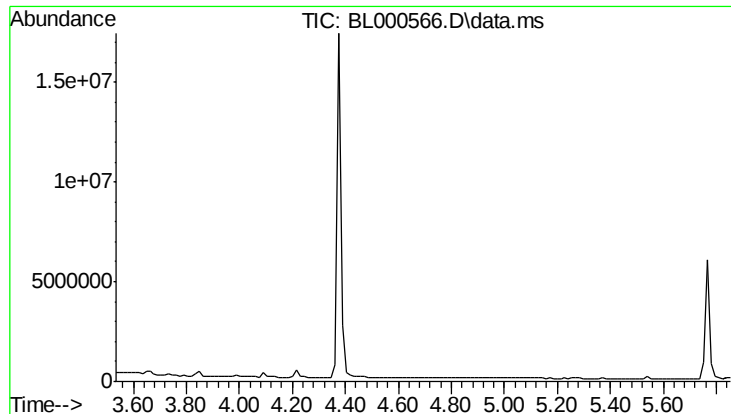
#2

Dimethyl Disulfide
 Concen: N.D.
 Expected RT: 3.68 min

Lab File: BL000566.D
 Acq: 16 Feb 2012 15:20

Tgt Ion: 94
 Sig Exp Ratio
 94 100
 45 24.8
 79 42.7





#3

DMMP

Concen: N.D.

Expected RT: 4.56 min

Lab File: BL000566.D

Acq: 16 Feb 2012 15:20

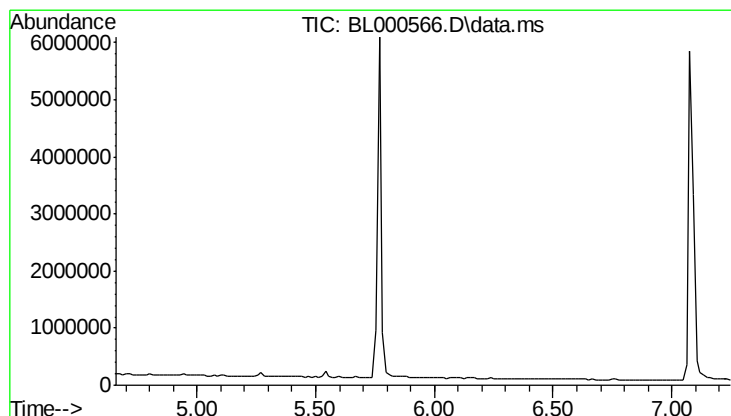
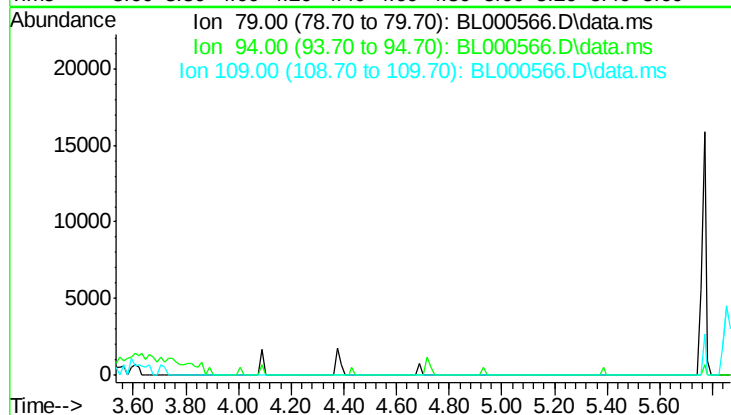
Tgt Ion: 79

Sig Exp Ratio

79 100

94 130.0

109 57.7



#4

DIMP

Concen: N.D.

Expected RT: 5.96 min

Lab File: BL000566.D

Acq: 16 Feb 2012 15:20

Tgt Ion: 97

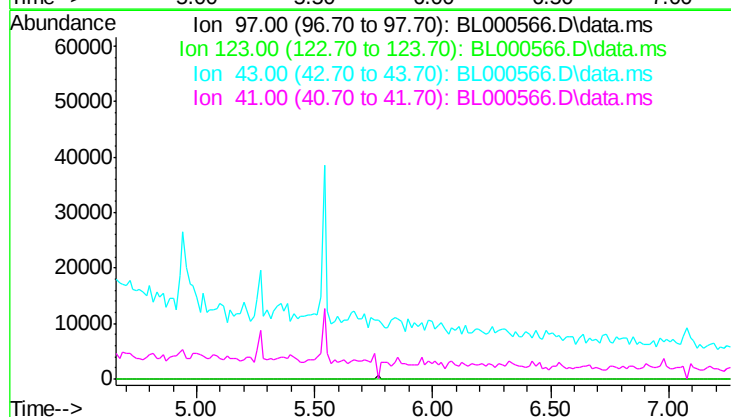
Sig Exp Ratio

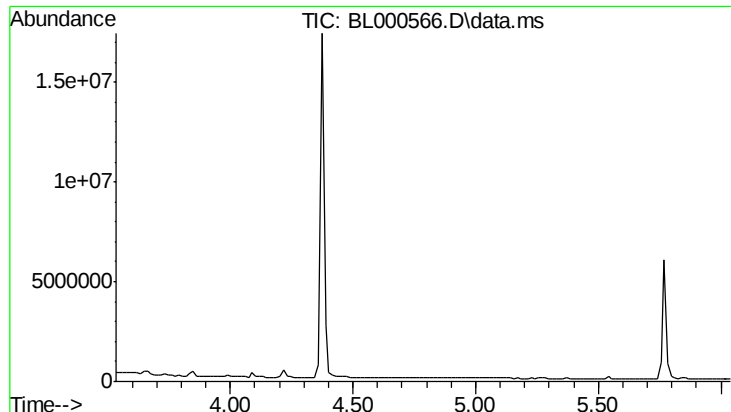
97 100

123 53.3

43 20.8

41 9.2





#5

1,4-Oxathiane

Concen: N.D.

Expected RT: 4.75 min

Lab File: BL000566.D

Acq: 16 Feb 2012 15:20

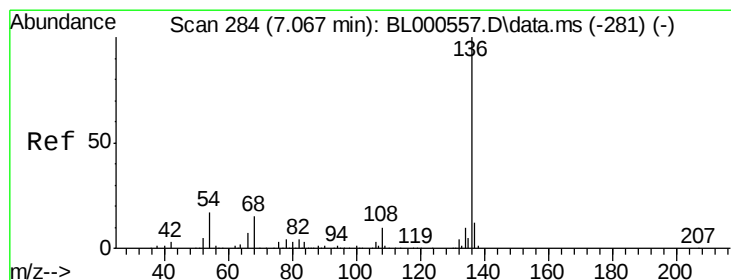
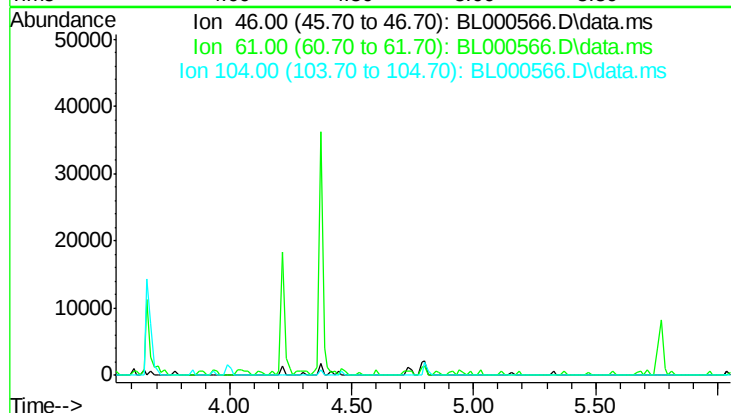
Tgt Ion: 46

Sig Exp Ratio

46 100

61 40.5

104 30.5



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 7.077 min Scan# 250

Delta R.T. -0.002 min

Lab File: BL000566.D

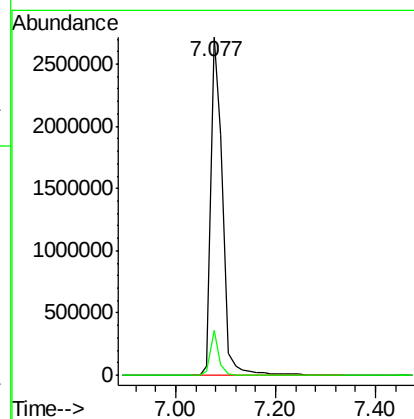
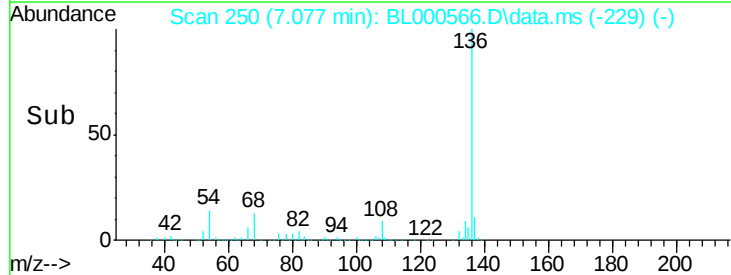
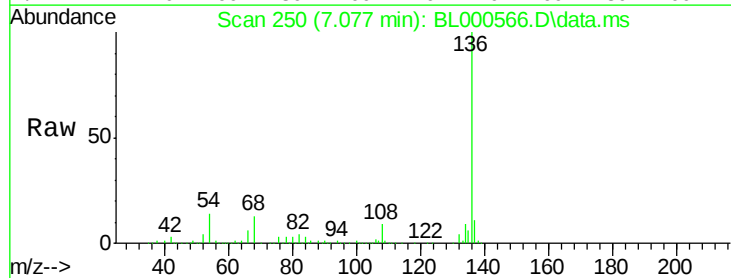
Acq: 16 Feb 2012 15:20

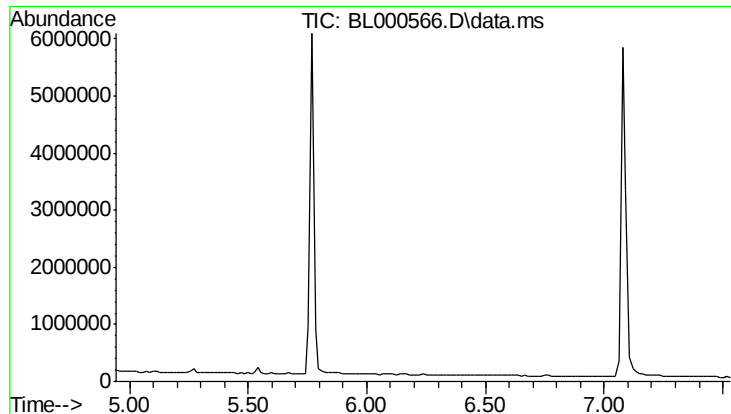
Tgt Ion:136 Resp: 4424909

Ion Ratio Lower Upper

136 100

68 13.3 0.0 29.7





#7

1,4-Dithiane

Concen: N.D.

Expected RT: 6.24 min

Lab File: BL000566.D

Acq: 16 Feb 2012 15:20

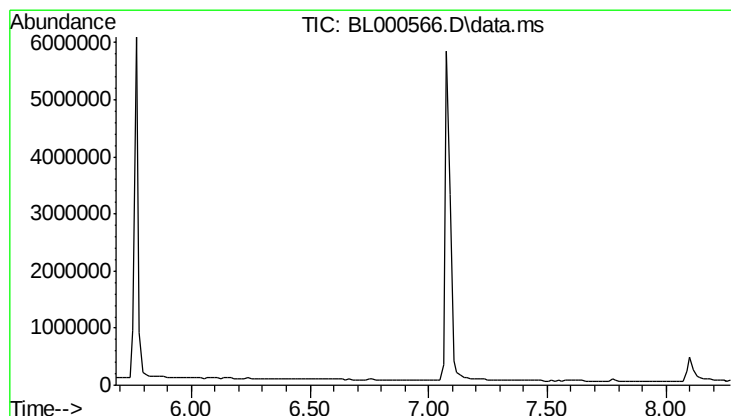
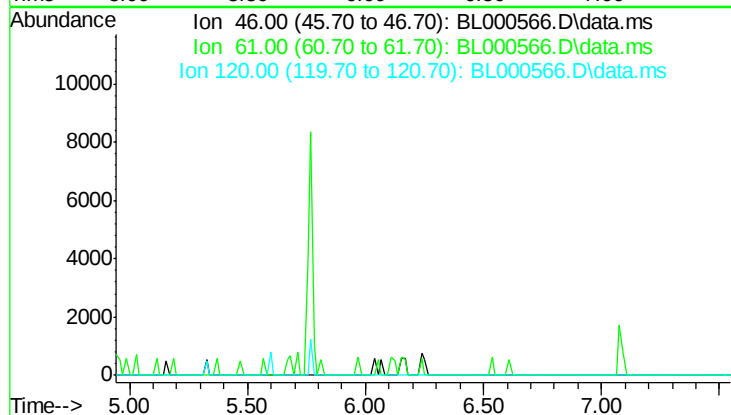
Tgt Ion: 46

Sig Exp Ratio

46 100

61 112.6

120 243.6



#8

Thiodiglycol

Concen: N.D.

Expected RT: 6.98 min

Lab File: BL000566.D

Acq: 16 Feb 2012 15:20

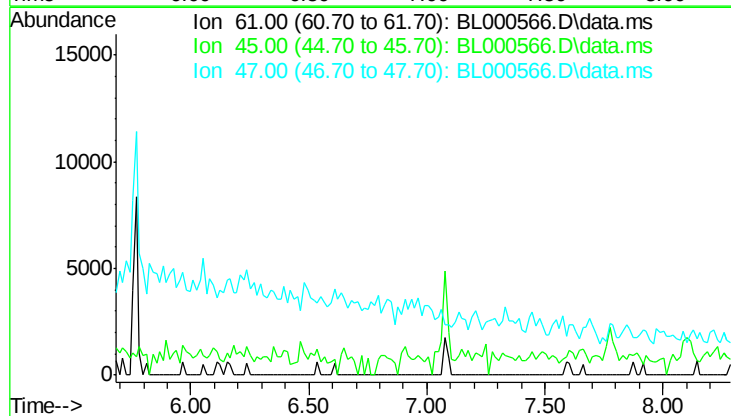
Tgt Ion: 61

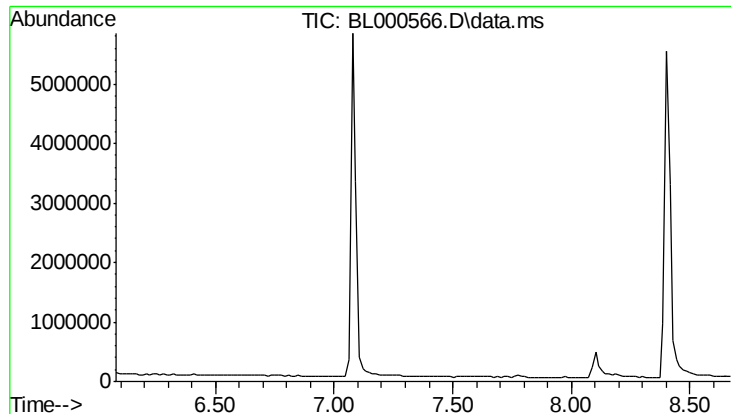
Sig Exp Ratio

61 100

45 69.8

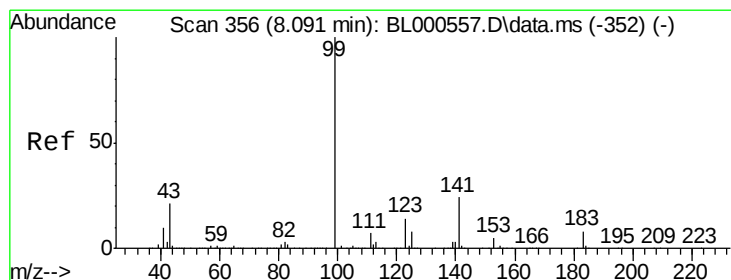
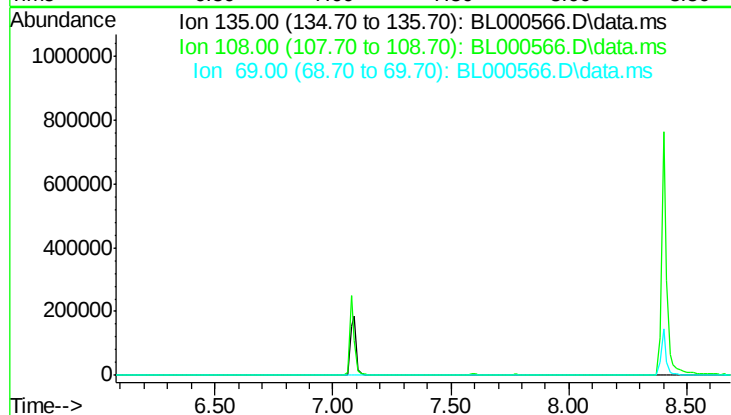
47 27.9





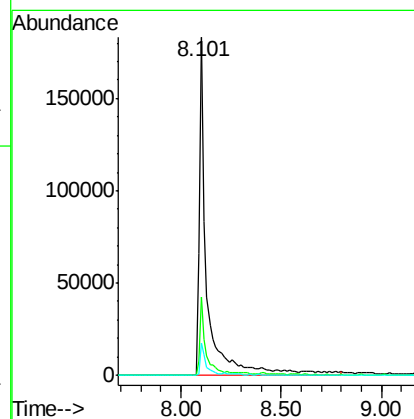
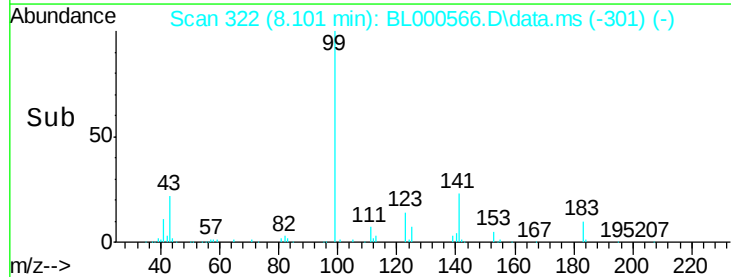
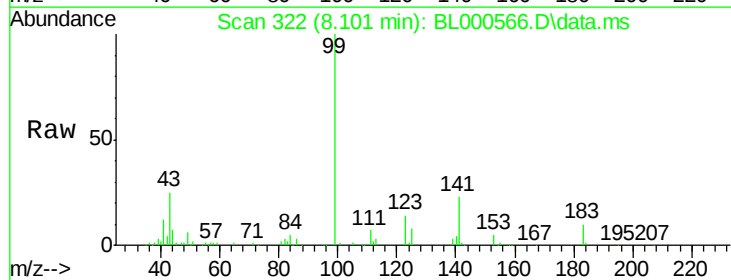
#9
 Benzothiazole
 Concen: N.D.
 Expected RT: 7.38 min
 Lab File: BL000566.D
 Acq: 16 Feb 2012 15:20

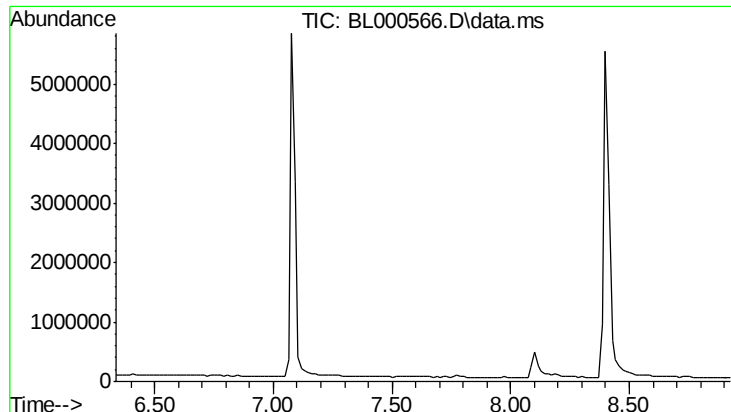
Tgt Ion	Exp Ratio
135	100
108	60.1
69	23.2



#10
 Tripropylphosphate
 Concen: 0.41 ug/mL m
 RT: 8.101 min Scan# 322
 Delta R.T. -0.002 min
 Lab File: BL000566.D
 Acq: 16 Feb 2012 15:20

Tgt Ion	Ratio	Lower	Upper
99	100		
141	19.2	19.2	28.8#
183	7.5	7.8	11.8#

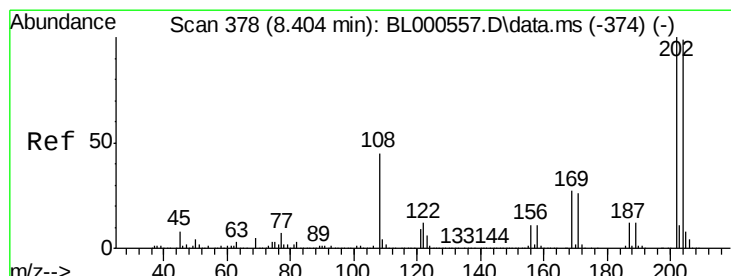
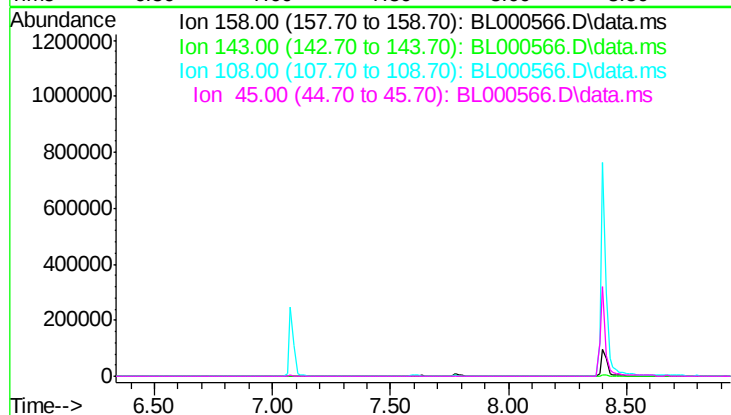




#11
p-Chlorophenylmethylsulfide
Concen: N.D.
Expected RT: 7.63 min

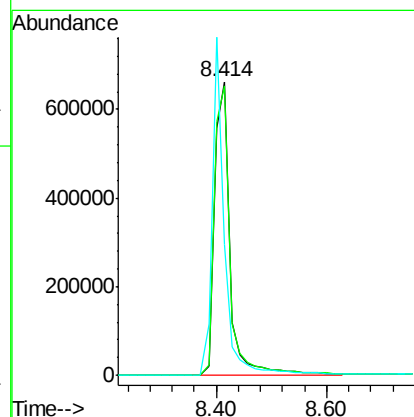
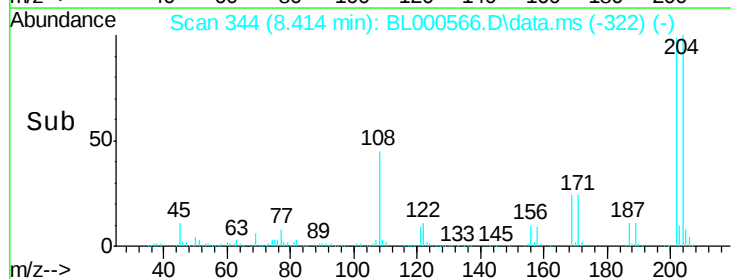
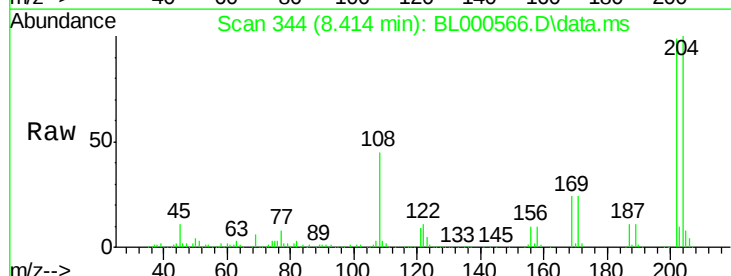
Lab File: BL000566.D
Acq: 16 Feb 2012 15:20

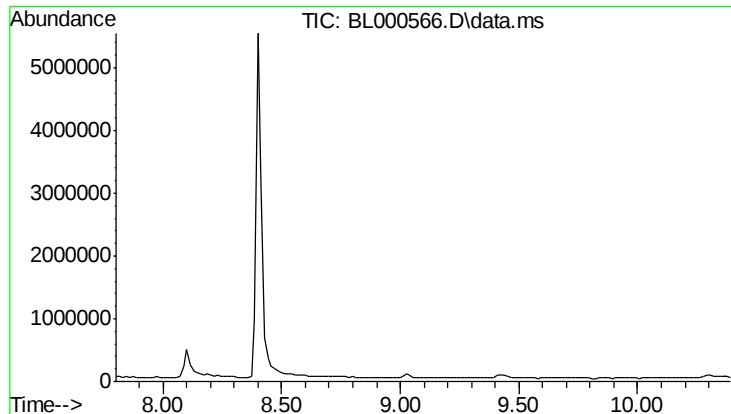
Tgt Ion: 158
Sig Exp Ratio
158 100
143 45.2
108 20.2
45 3.9



#12
2-Bromothioanisole
Concen: 4.64 ug/mL
RT: 8.414 min Scan# 344
Delta R.T. 0.012 min
Lab File: BL000566.D
Acq: 16 Feb 2012 15:20

Tgt Ion: 204 Resp: 1316540
Ion Ratio Lower Upper
204 100
202 98.8 82.6 122.6
108 44.8 101.9 141.9#

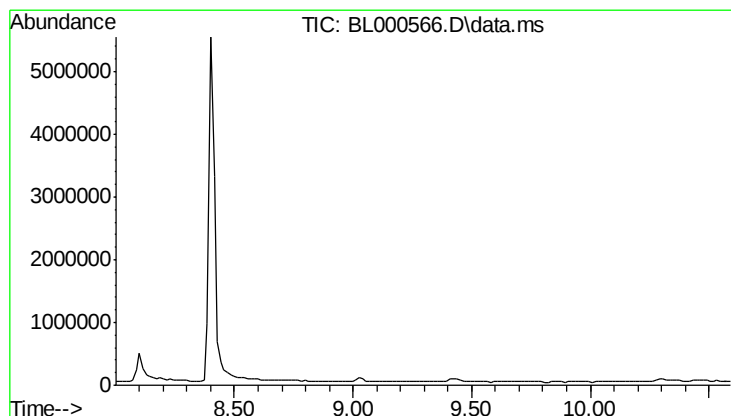
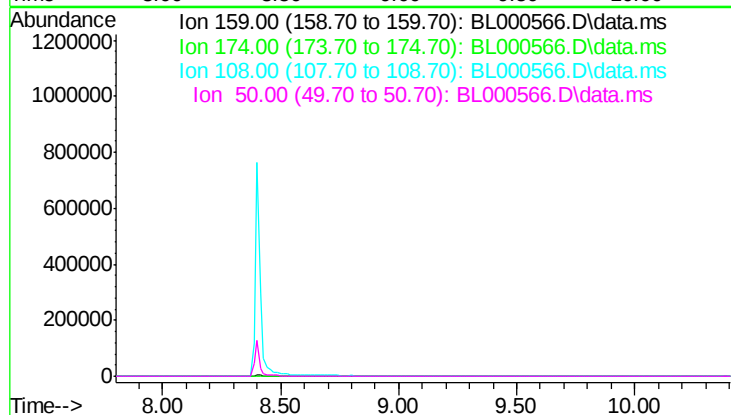




#13
p-Chlorophenylmethysulfoxide
Concen: N.D.
Expected RT: 9.10 min

Lab File: BL000566.D
Acq: 16 Feb 2012 15:20

Tgt Ion	Exp Ratio
159	100
174	50.8
108	7.0
50	12.6



#14
p-Chlorophenylmethysulfone
Concen: N.D.
Expected RT: 9.30 min

Lab File: BL000566.D
Acq: 16 Feb 2012 15:20

Tgt Ion	Exp Ratio
111	100
75	28.0
127	43.3
190	28.7

