

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
 Data File : BL000568.D
 Acq On : 16 Feb 2012 15:56
 Operator : HLM
 Sample : D1393-01
 Misc : SOIL BNA_L HLM
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 20 06:52:09 2012
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Feb 17 10:01:50 2012
 Response via : Initial Calibration

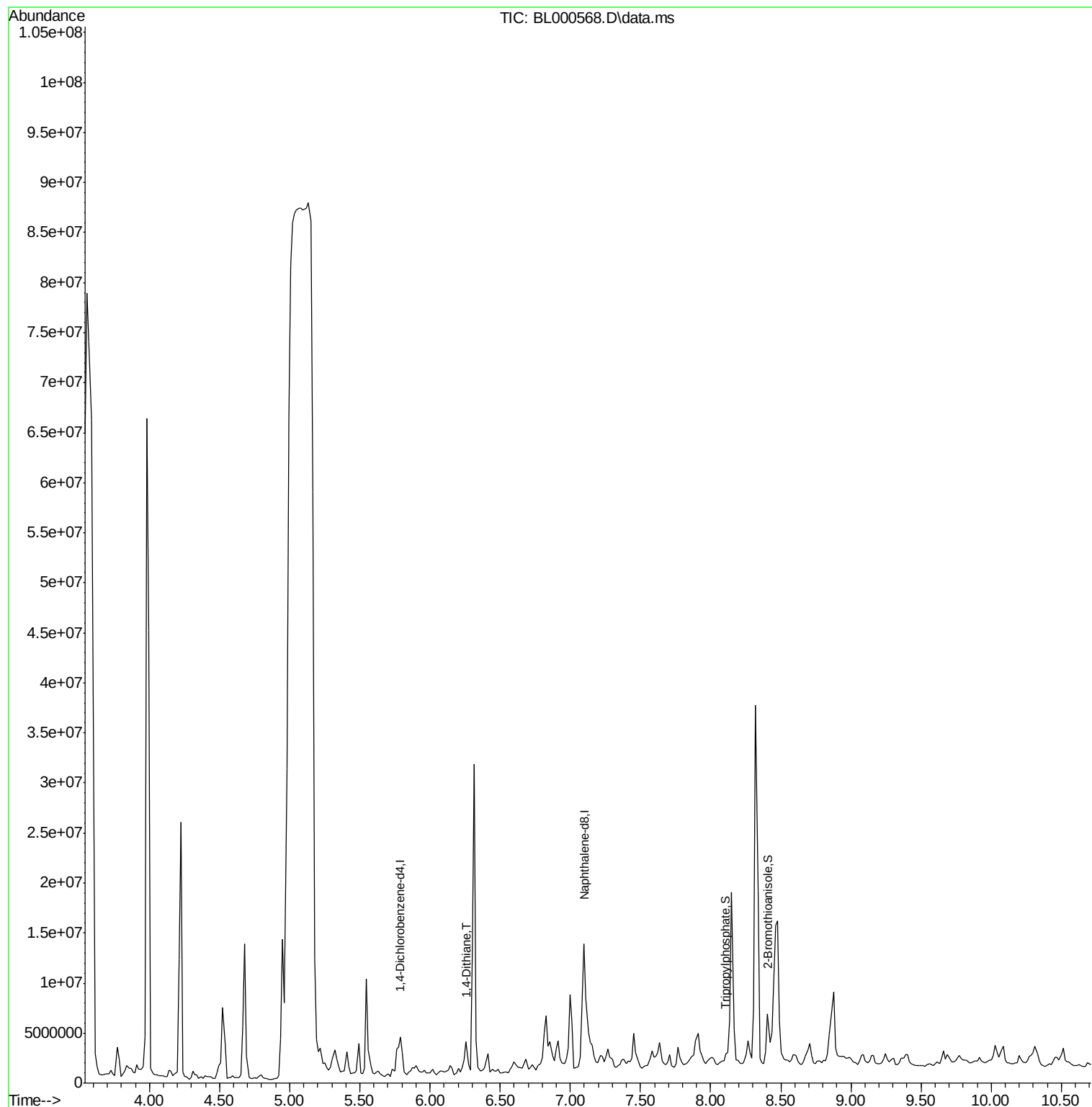
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

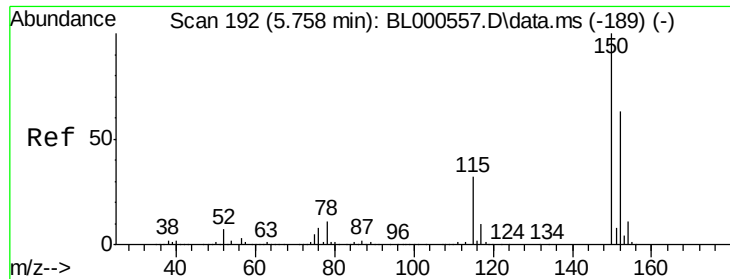
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.789	152	970896	2.00	ug/mL	0.03
6) Naphthalene-d8	7.098	136	3389086	2.00	ug/mL	0.02
System Monitoring Compounds						
10) Tripropylphosphate	8.108	99	570027m	0.59	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	118.00%	
12) 2-Bromothioanisole	8.407	204	1011617	4.66	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	93.20%	
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.	d	
5) 1,4-Oxathiane	0.000		0	N.D.	d	
7) 1,4-Dithiane	6.259	46	505121	1.57	ug/mL#	54
8) Thiodiglycol	0.000		0	N.D.	d	
9) Benzothiazole	0.000		0	N.D.	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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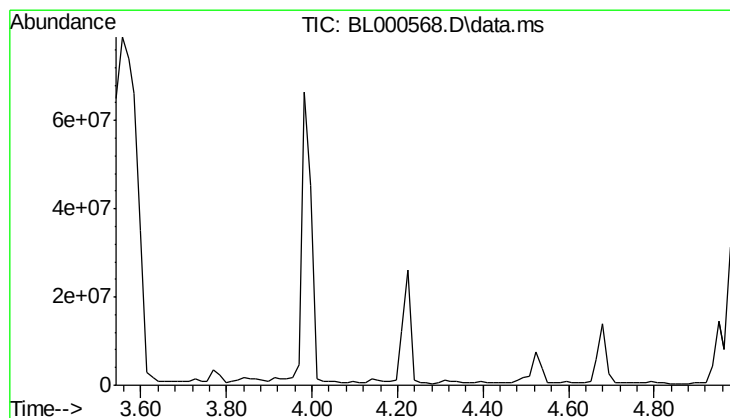
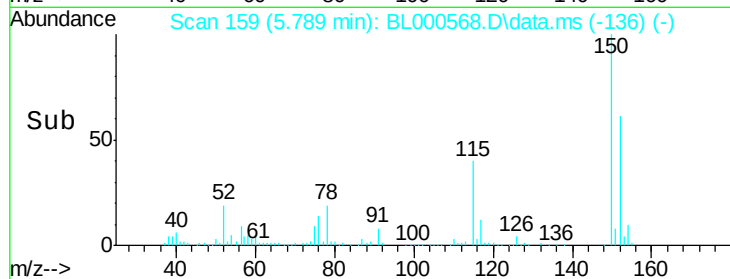
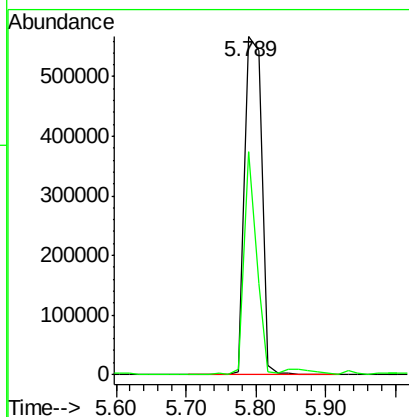
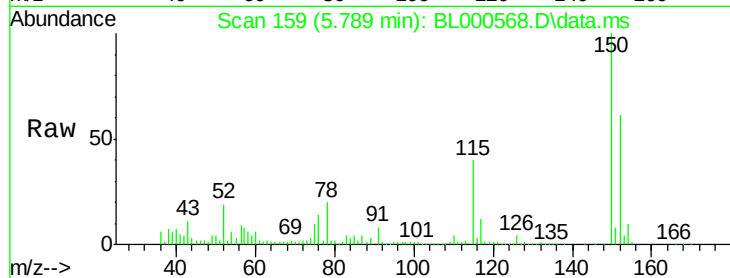




#1

1,4-Dichlorobenzene-d4
 Concen: 2.00 ug/mL
 RT: 5.789 min Scan# 159
 Delta R.T. 0.033 min
 Lab File: BL000568.D
 Acq: 16 Feb 2012 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.9	32.2	72.2

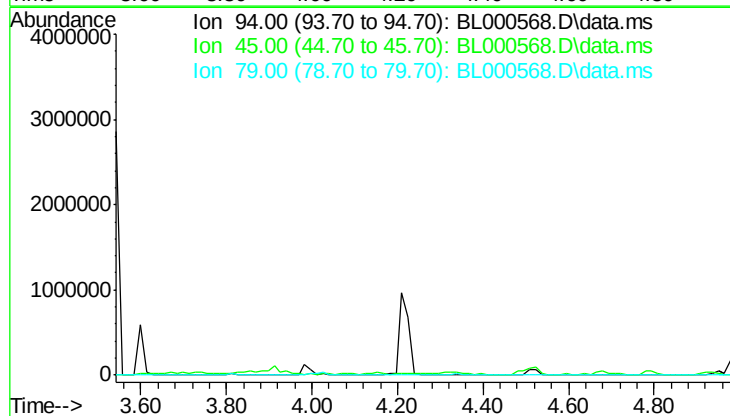


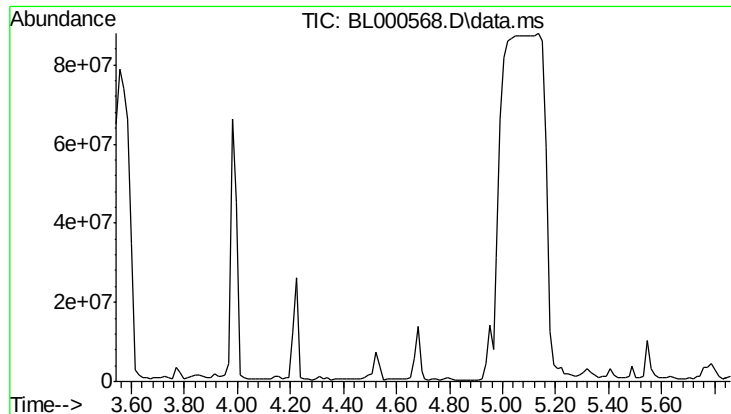
#2

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

Lab File: BL000568.D
 Acq: 16 Feb 2012 15:56

Tgt Ion	Sig	Exp Ratio
94	100	
45	24.8	
79	42.7	





#3

DMMP

Concen: N.D.

Expected RT: 4.56 min

Lab File: BL000568.D

Acq: 16 Feb 2012 15:56

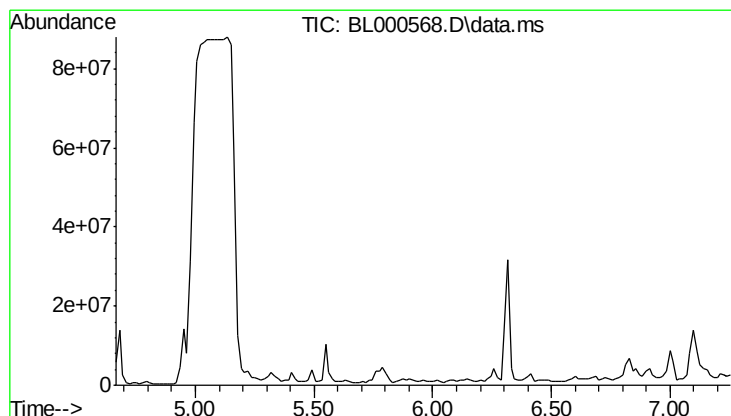
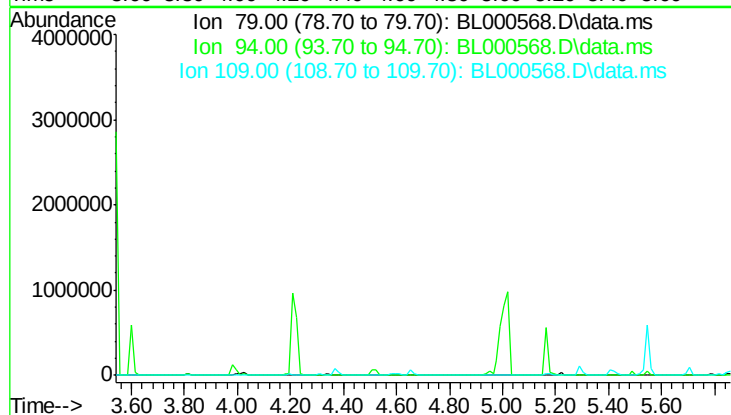
Tgt Ion: 79

Sig Exp Ratio

79 100

94 130.0

109 57.7



#4

DIMP

Concen: N.D.

Expected RT: 5.96 min

Lab File: BL000568.D

Acq: 16 Feb 2012 15:56

Tgt Ion: 97

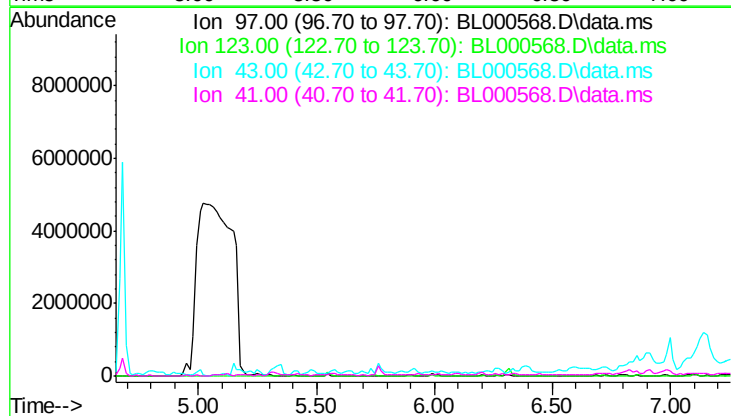
Sig Exp Ratio

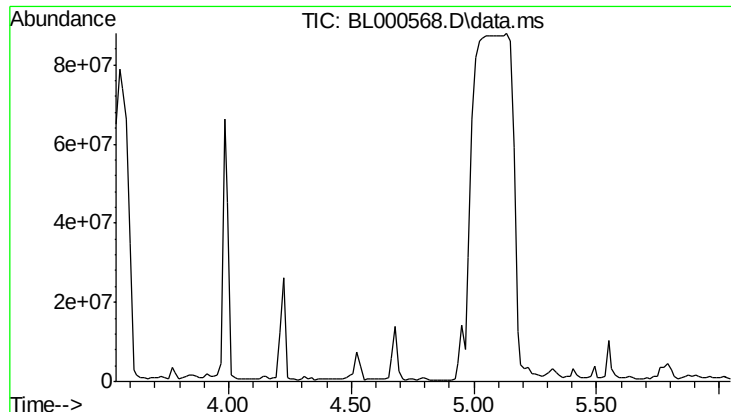
97 100

123 53.3

43 20.8

41 9.2





#5

1,4-Oxathiane

Concen: N.D.

Expected RT: 4.75 min

Lab File: BL000568.D

Acq: 16 Feb 2012 15:56

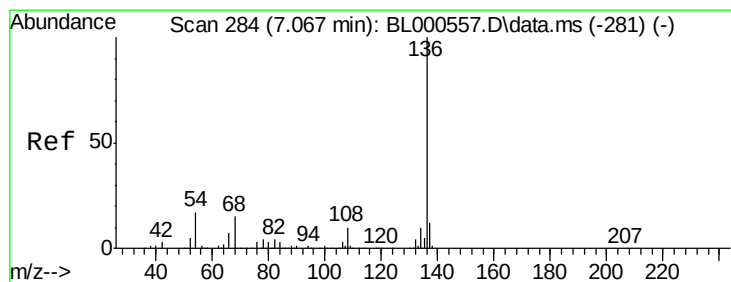
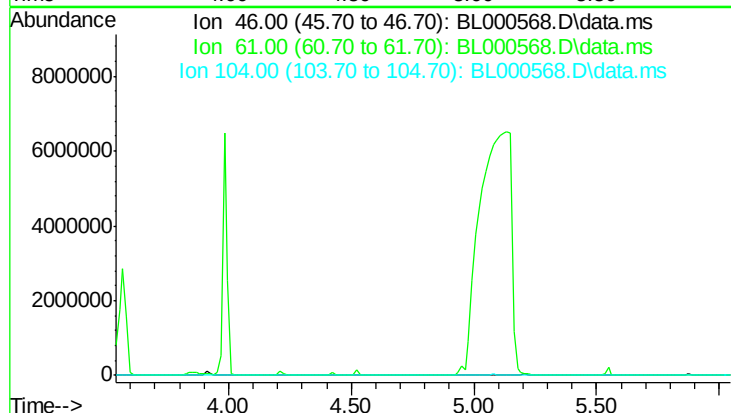
Tgt Ion: 46

Sig Exp Ratio

46 100

61 40.5

104 30.5



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 7.098 min Scan# 251

Delta R.T. 0.019 min

Lab File: BL000568.D

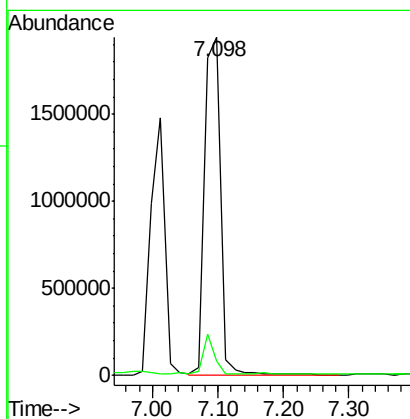
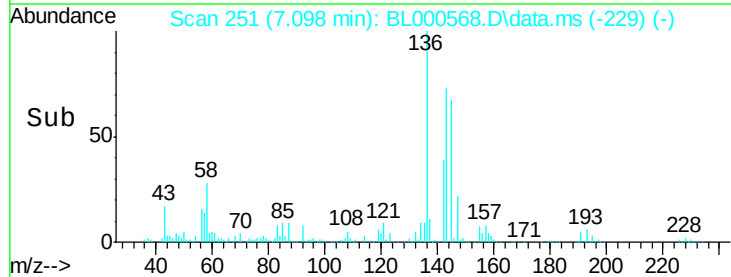
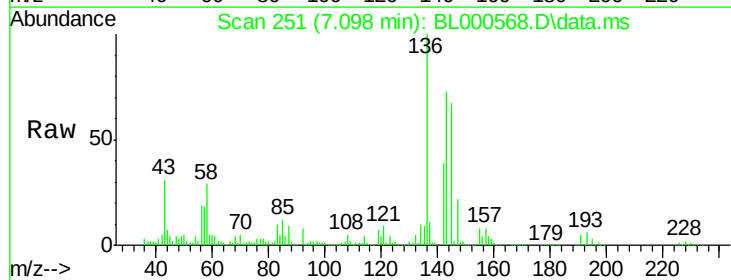
Acq: 16 Feb 2012 15:56

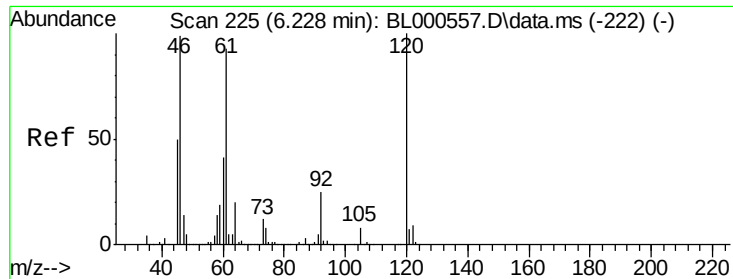
Tgt Ion:136 Resp: 3389086

Ion Ratio Lower Upper

136 100

68 4.1 0.0 29.7





#7

1,4-Dithiane

Concen: 1.57 ug/mL

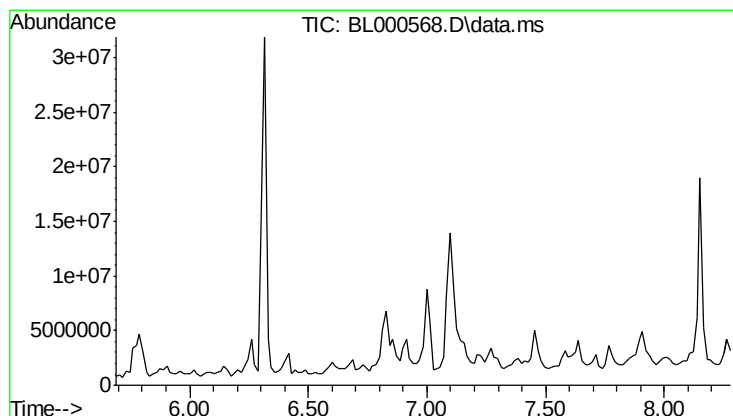
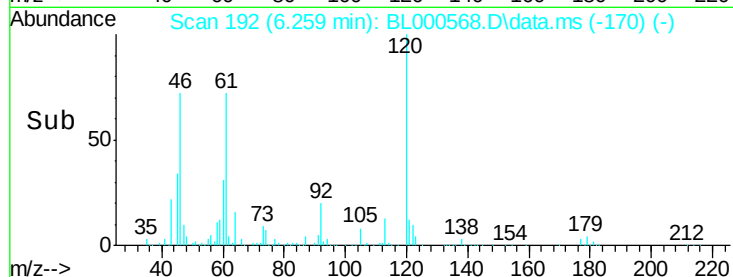
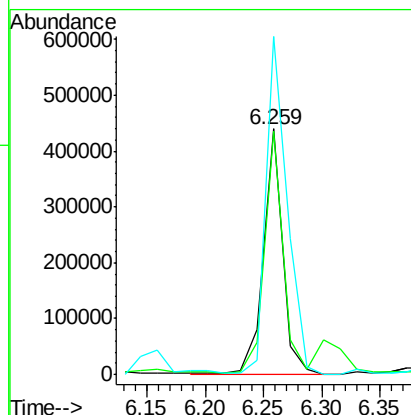
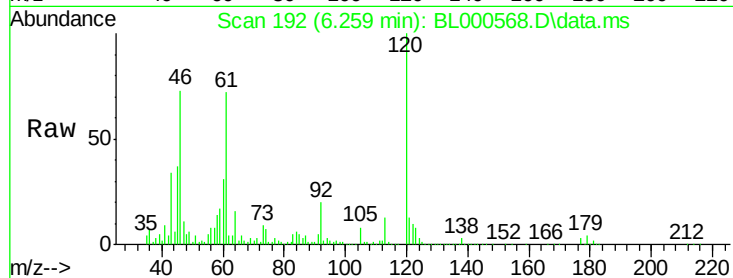
RT: 6.259 min Scan# 192

Delta R.T. 0.019 min

Lab File: BL000568.D

Acq: 16 Feb 2012 15:56

Tgt Ion:	46	Resp:	505121
Ion	Ratio	Lower	Upper
46	100		
61	99.3	92.6	132.6
120	137.6	223.6	263.6#



#8

Thiodiglycol

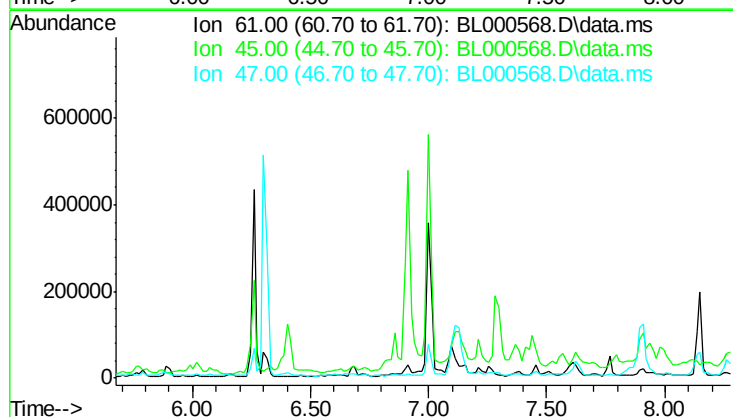
Concen: N.D.

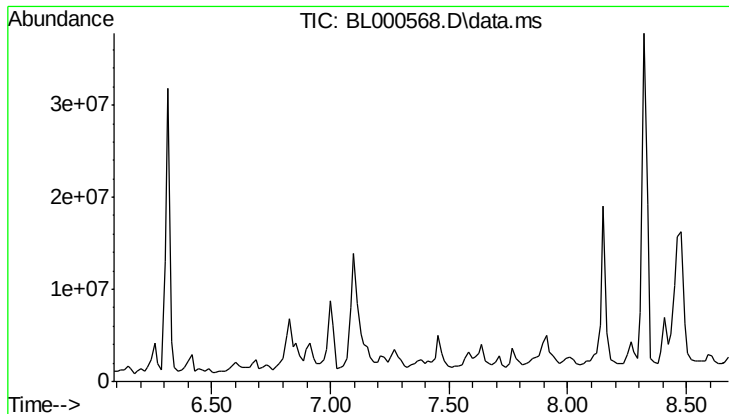
Expected RT: 6.98 min

Lab File: BL000568.D

Acq: 16 Feb 2012 15:56

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: BL000568.D

Acq: 16 Feb 2012 15:56

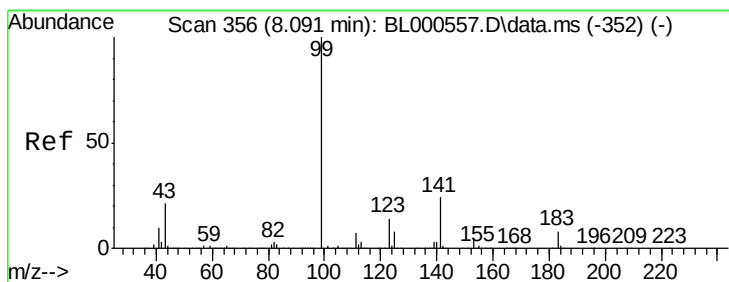
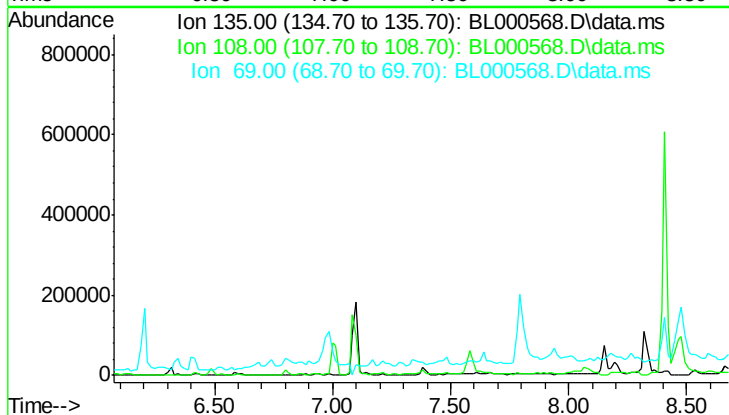
Tgt Ion: 135

Sig Exp Ratio

135 100

108 60.1

69 23.2



#10

Tripropylphosphate

Concen: 0.59 ug/mL m

RT: 8.108 min Scan# 322

Delta R.T. 0.005 min

Lab File: BL000568.D

Acq: 16 Feb 2012 15:56

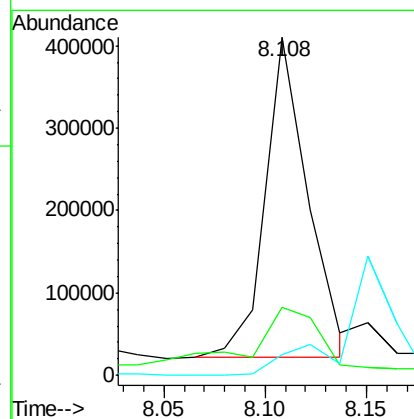
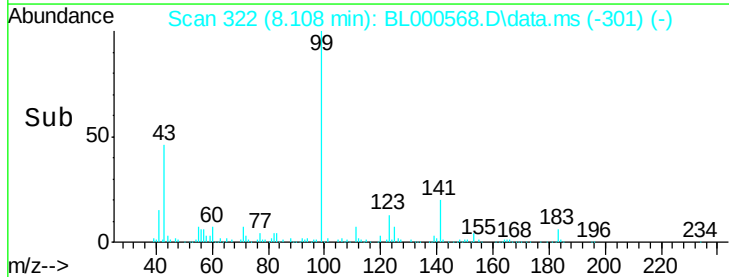
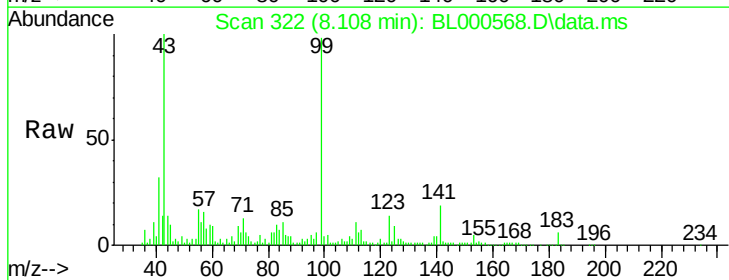
Tgt Ion: 99 Resp: 570027

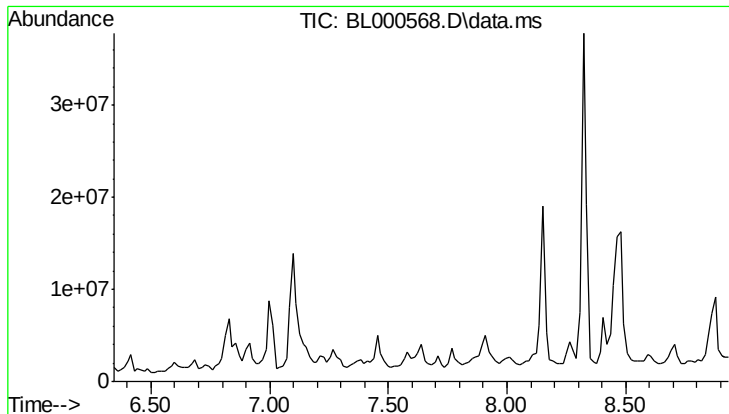
Ion Ratio Lower Upper

99 100

141 34.7 19.2 28.8#

183 43.9 7.8 11.8#

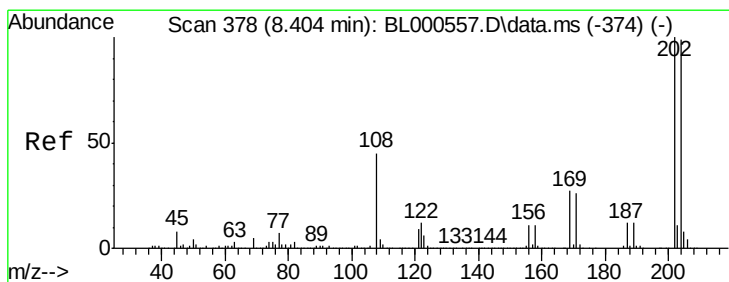
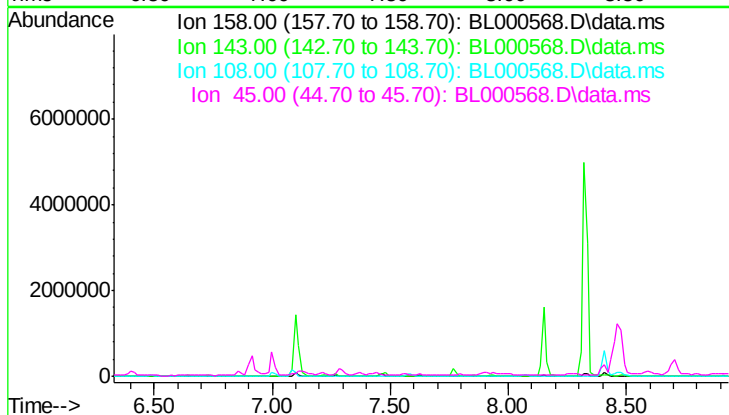




#11
p-Chlorophenylmethylsulfide
Concen: N.D.
Expected RT: 7.63 min

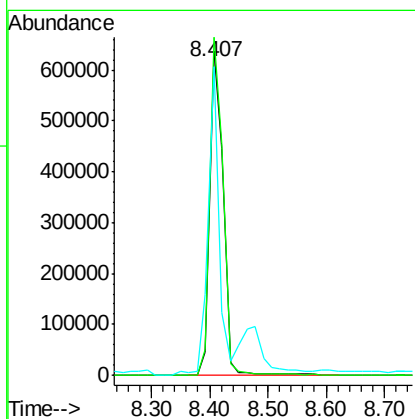
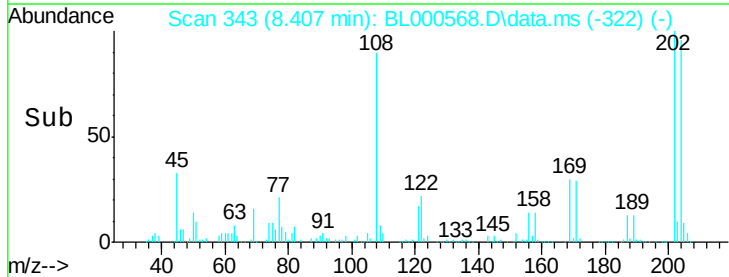
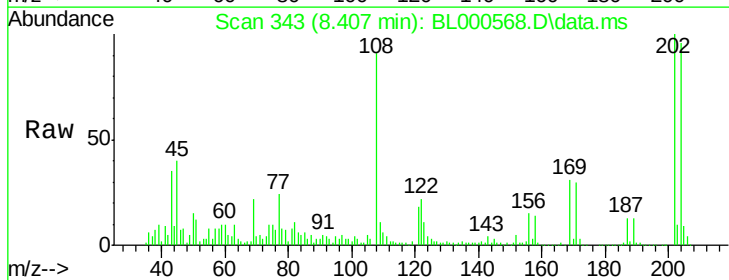
Lab File: BL000568.D
Acq: 16 Feb 2012 15:56

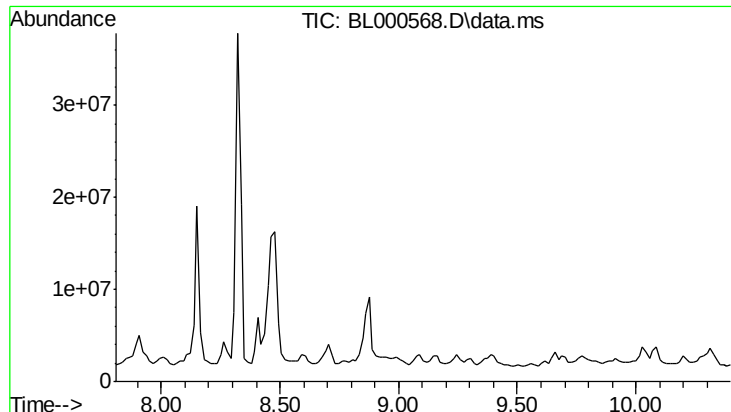
Tgt Ion: 158
Sig Exp Ratio
158 100
143 45.2
108 20.2
45 3.9



#12
2-Bromothioanisole
Concen: 4.66 ug/mL
RT: 8.407 min Scan# 343
Delta R.T. 0.005 min
Lab File: BL000568.D
Acq: 16 Feb 2012 15:56

Tgt Ion: 204 Resp: 1011617
Ion Ratio Lower Upper
204 100
202 104.5 82.6 122.6
108 95.5 101.9 141.9#

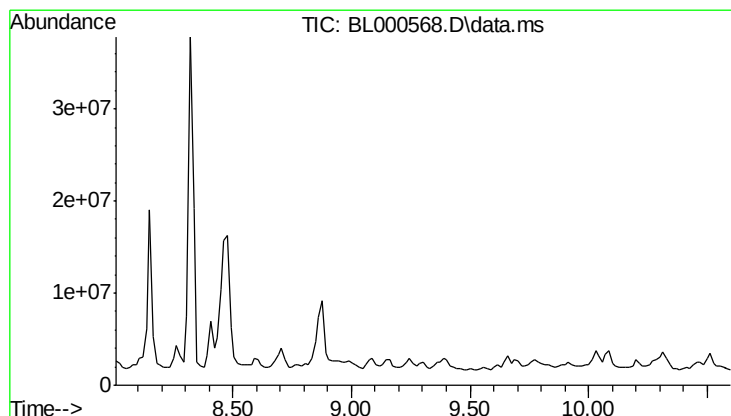
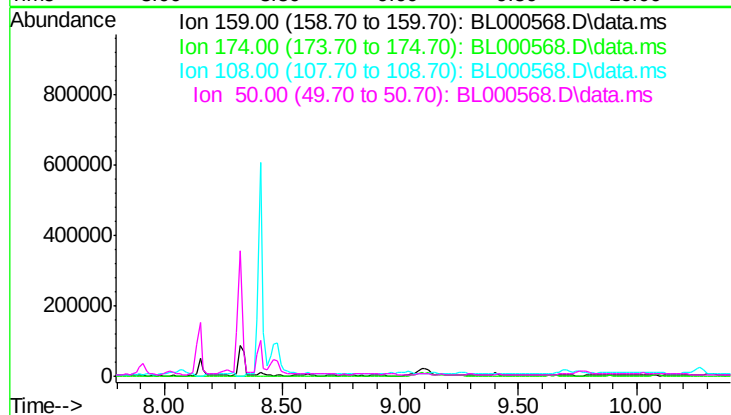




#13
p-Chlorophenylmethysulfoxide
Concen: N.D.
Expected RT: 9.10 min

Lab File: BL000568.D
Acq: 16 Feb 2012 15:56

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: BL000568.D
Acq: 16 Feb 2012 15:56

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

