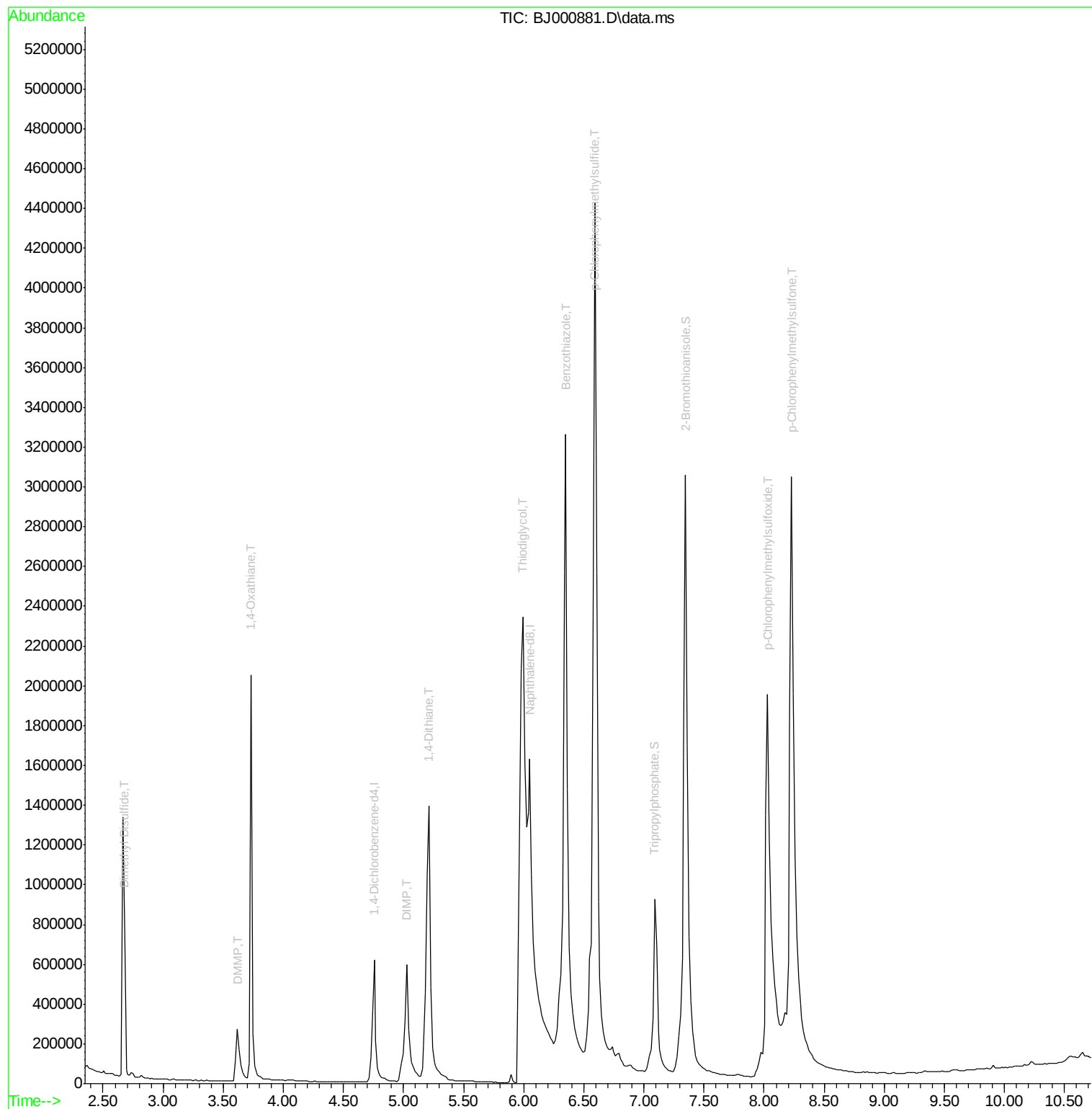
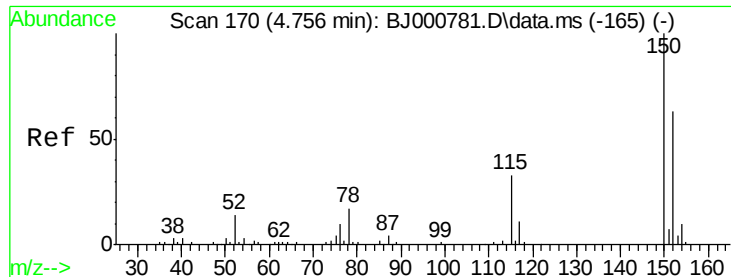


Data Path : Z:\HPCHEM1\BNA_J\data\BJ050112\
Data File : BJ000881.D
Acq On : 1 May 2012 13:59
Operator : HLM
Sample : CWA-CCV
Misc : STD BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 01:55:36 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degradation products by GCMS
QLast Update : Tue May 01 18:03:04 2012
Response via : Initial Calibration

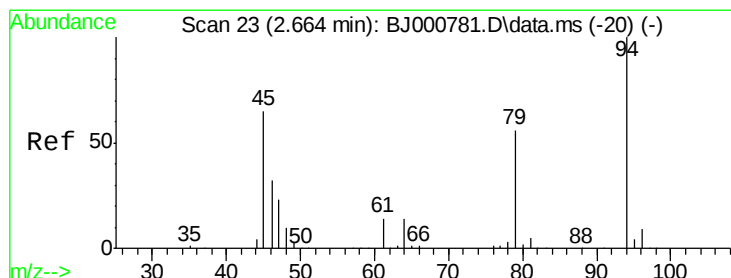
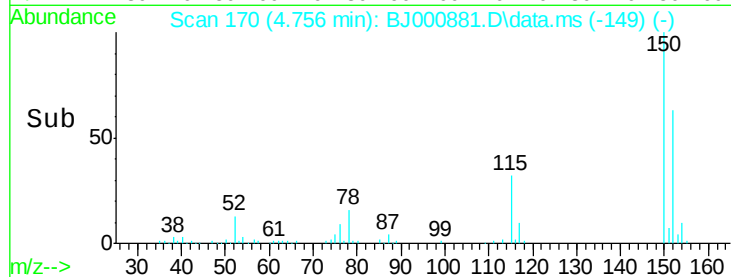
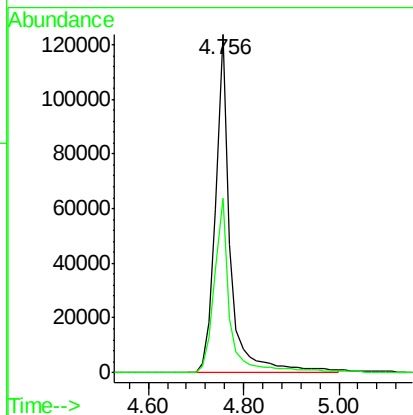
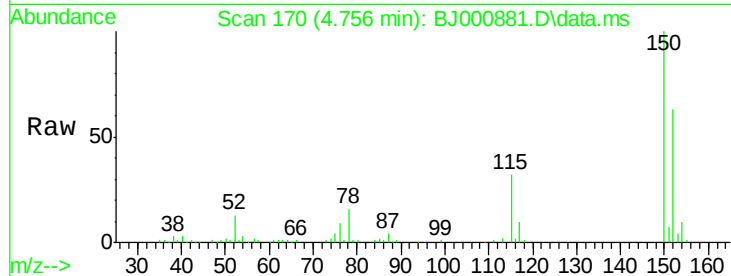




#1

1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.756 min Scan# 170
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

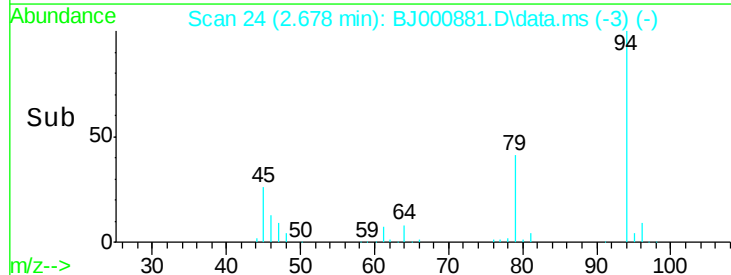
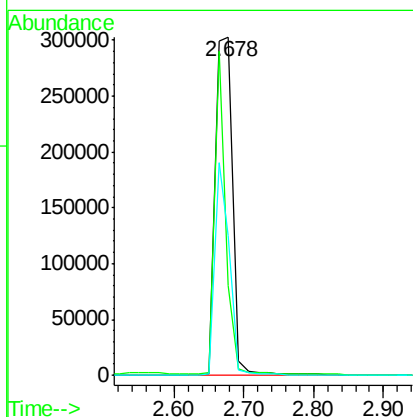
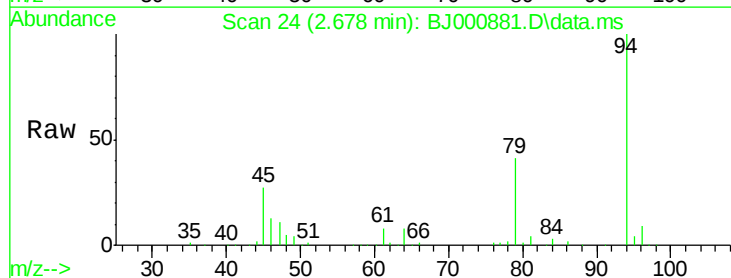
Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.4	31.4	71.4

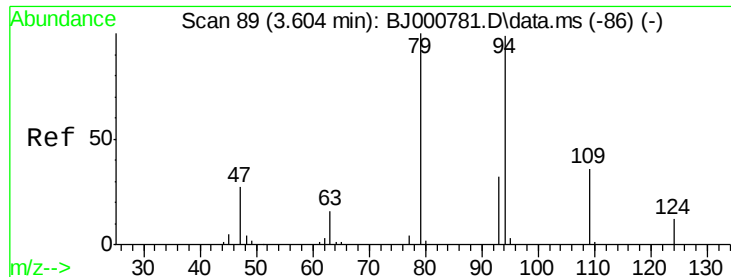


#2

Dimethyl Disulfide
Concen: 5.52 ug/mL
RT: 2.678 min Scan# 24
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

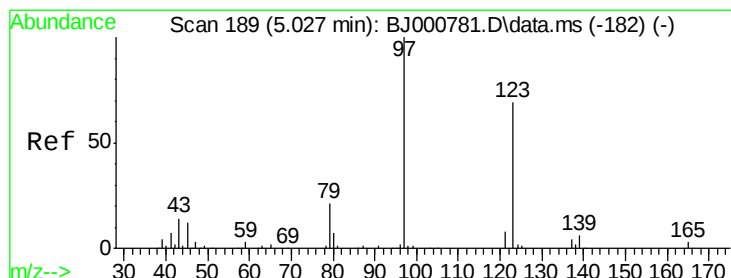
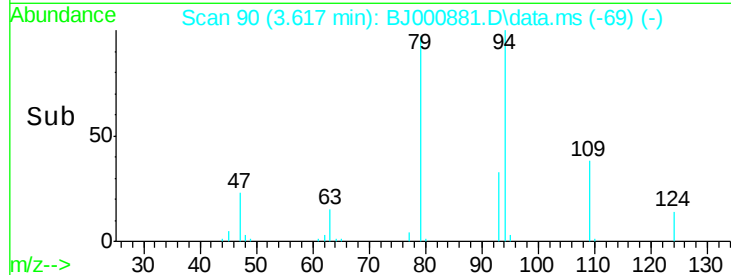
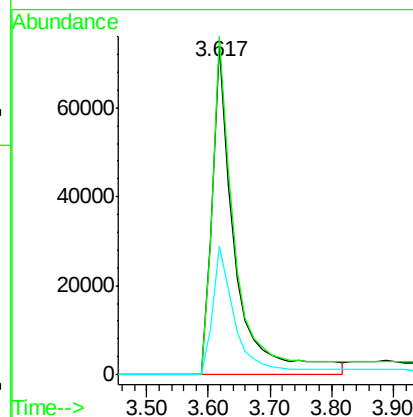
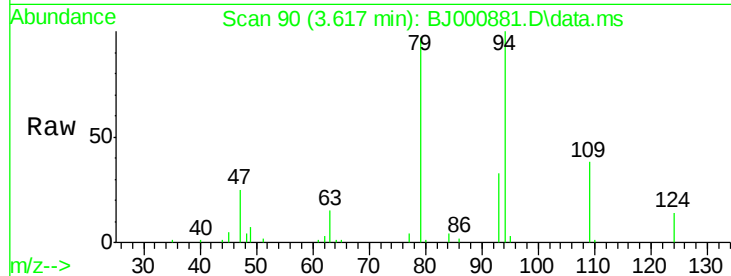
Tgt Ion	Ratio	Lower	Upper
94	100		
45	26.6	6.6	46.6
79	41.5	21.5	61.5





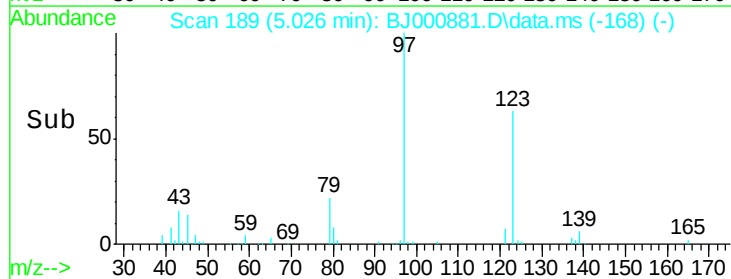
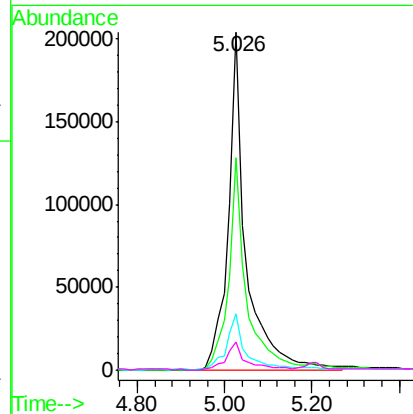
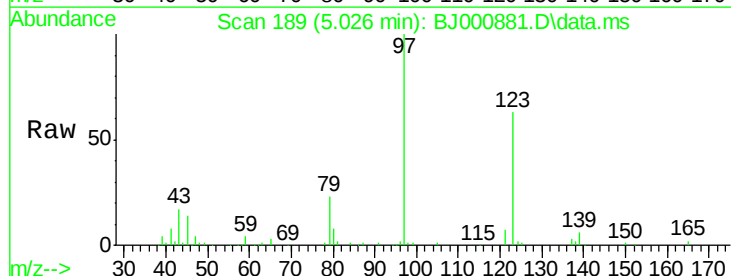
#3
DMMP
Concen: 2.23 ug/mL
RT: 3.617 min Scan# 90
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

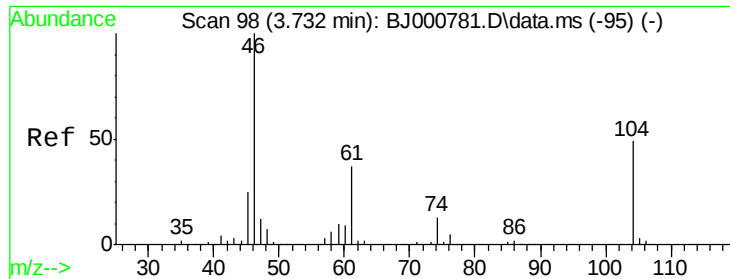
Tgt Ion: 79 Resp: 188802
Ion Ratio Lower Upper
79 100
94 103.2 83.2 123.2
109 39.0 19.0 59.0



#4
DIMP
Concen: 2.49 ug/mL
RT: 5.026 min Scan# 189
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

Tgt Ion: 97 Resp: 579394
Ion Ratio Lower Upper
97 100
123 62.8 42.8 82.8
43 16.6 0.0 36.6
41 8.2 0.0 28.2





#5

1,4-Oxathiane

Concen: 6.93 ug/mL

RT: 3.731 min Scan# 98

Delta R.T. 0.000 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

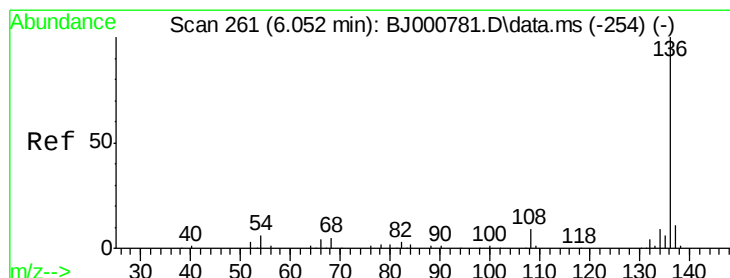
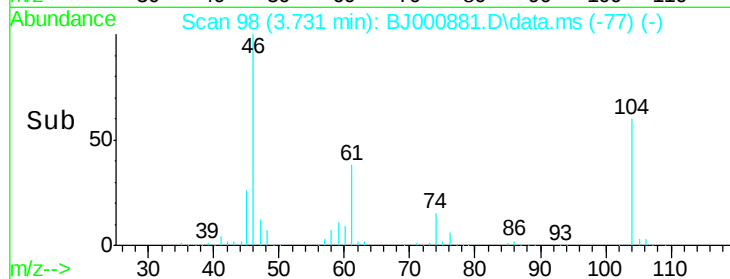
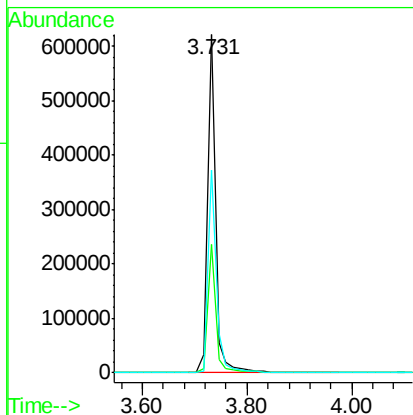
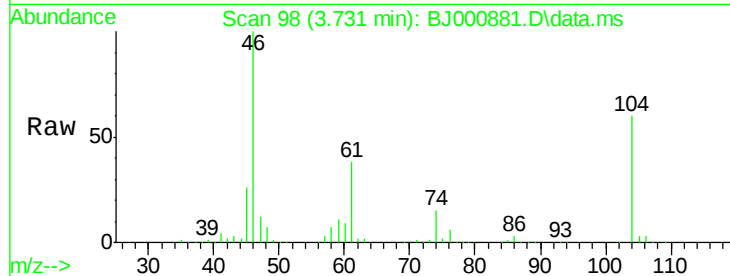
Tgt Ion: 46 Resp: 649982

Ion Ratio Lower Upper

46 100

61 38.0 18.0 58.0

104 59.9 39.9 79.9



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 6.051 min Scan# 261

Delta R.T. 0.000 min

Lab File: BJ000881.D

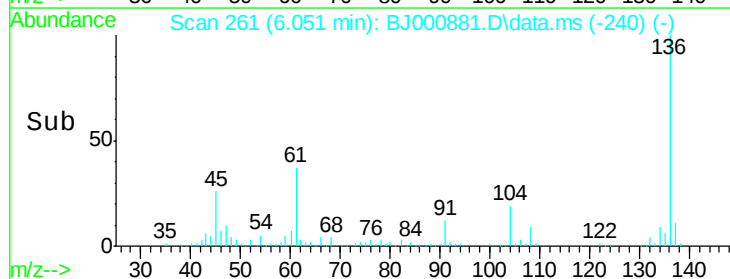
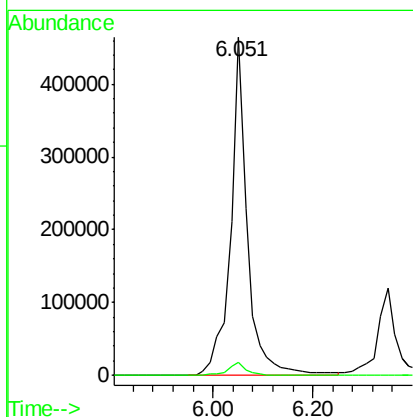
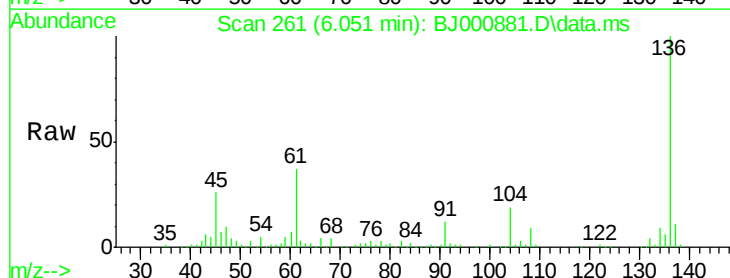
Acq: 1 May 2012 13:59

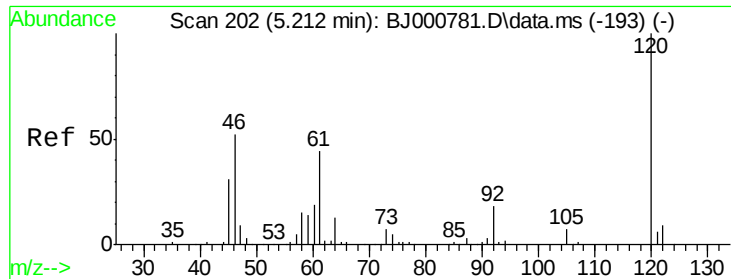
Tgt Ion: 136 Resp: 1080724

Ion Ratio Lower Upper

136 100

68 3.9 0.0 23.9





#7

1,4-Dithiane

Concen: 6.87 ug/mL

RT: 5.212 min Scan# 202

Delta R.T. 0.000 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

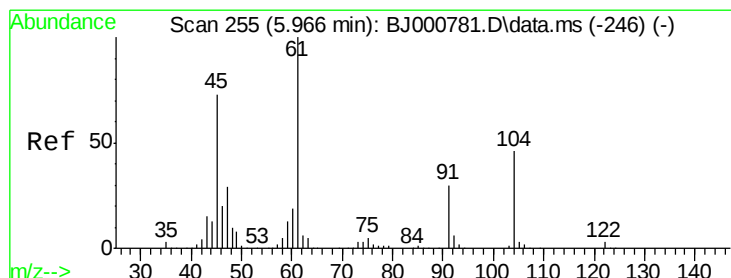
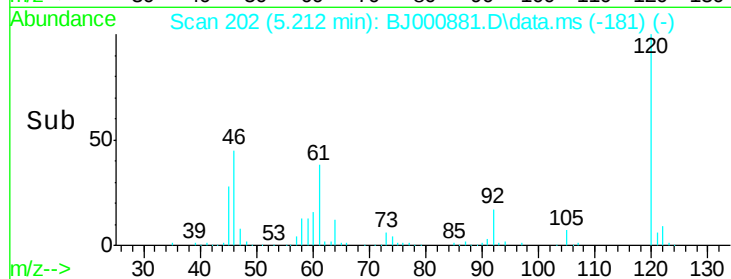
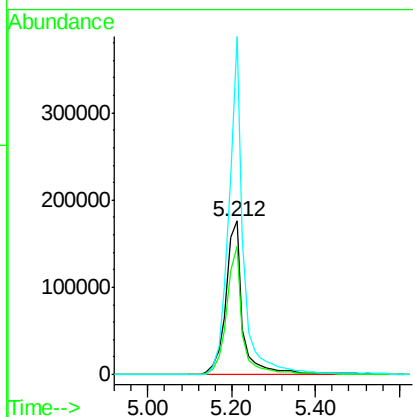
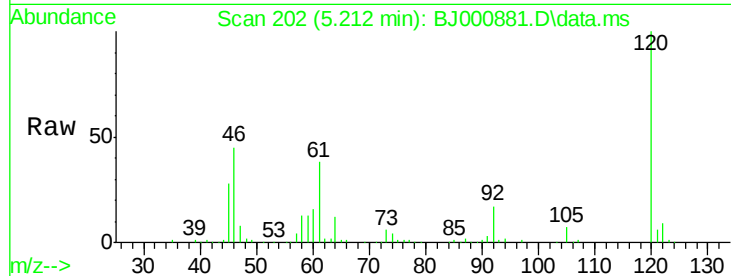
Tgt Ion: 46 Resp: 490308

Ion Ratio Lower Upper

46 100

61 83.6 63.6 103.6

120 220.6 200.6 240.6



#8

Thiodiglycol

Concen: 47.69 ug/mL m

RT: 5.994 min Scan# 257

Delta R.T. 0.000 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

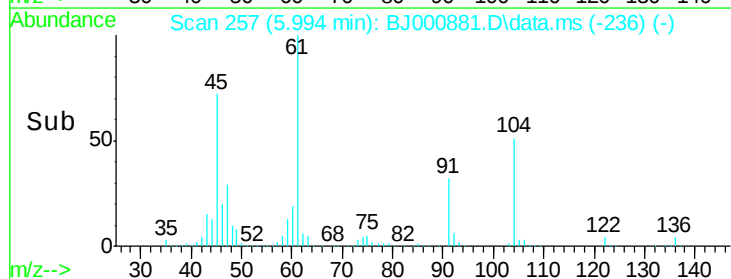
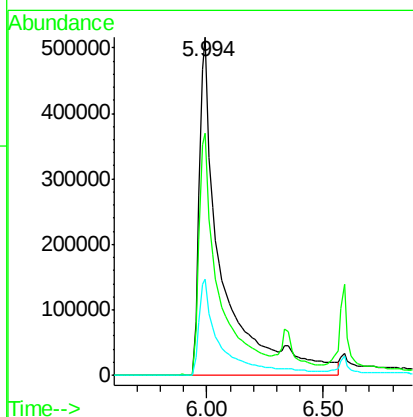
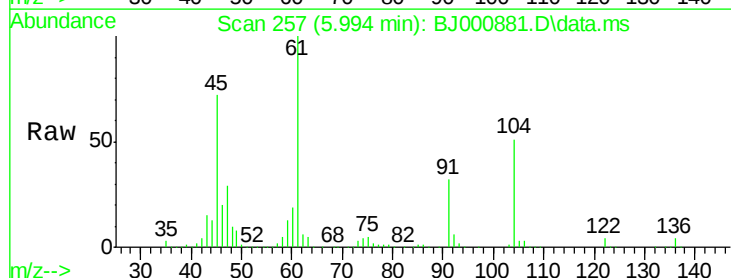
Tgt Ion: 61 Resp: 3446147

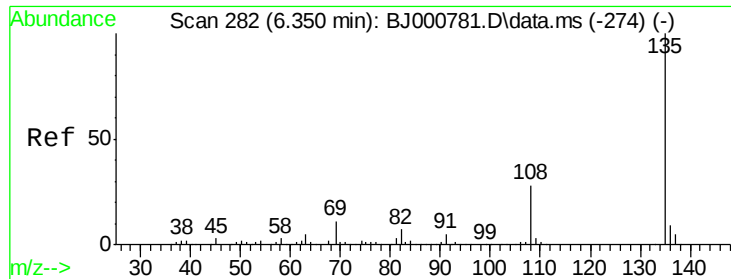
Ion Ratio Lower Upper

61 100

45 71.8 51.8 91.8

47 28.5 8.5 48.5





#9

Benzothiazole

Concen: 13.65 ug/mL

RT: 6.350 min Scan# 282

Delta R.T. 0.000 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

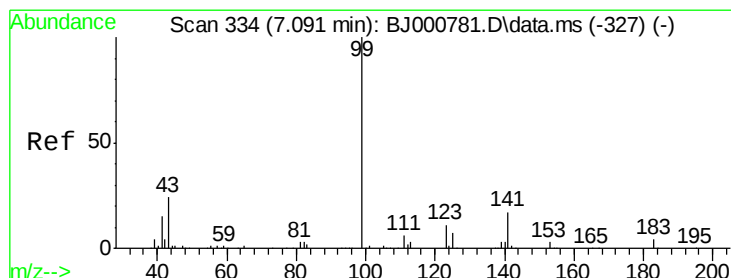
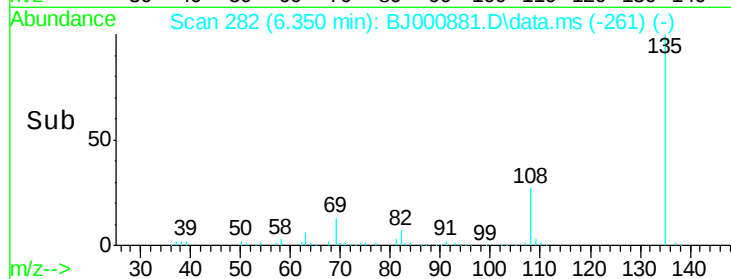
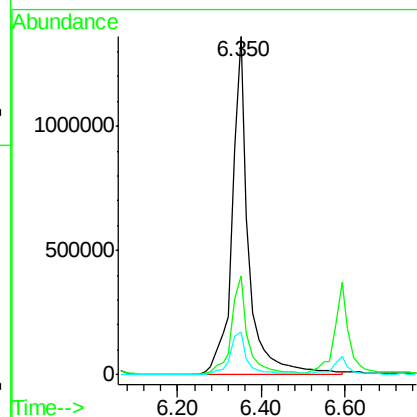
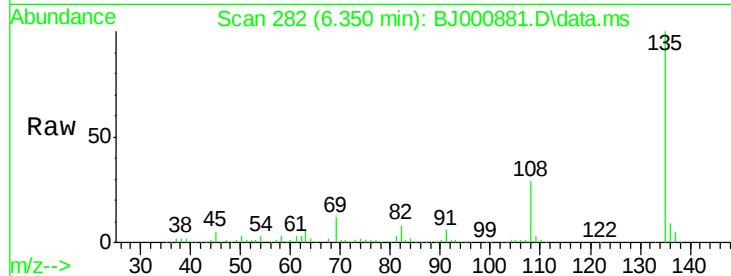
Tgt Ion:135 Resp: 3671392

Ion Ratio Lower Upper

135 100

108 29.2 9.2 49.2

69 12.5 0.0 32.5



#10

Tripropylphosphate

Concen: 2.67 ug/mL

RT: 7.090 min Scan# 334

Delta R.T. 0.000 min

Lab File: BJ000881.D

Acq: 1 May 2012 13:59

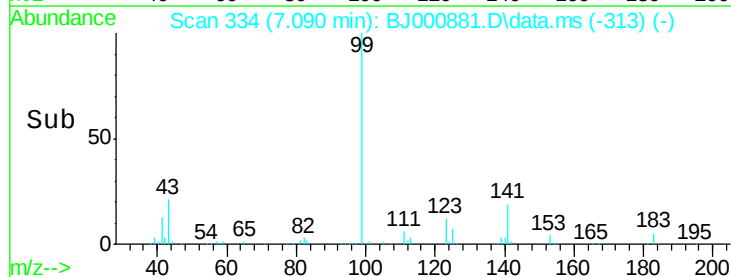
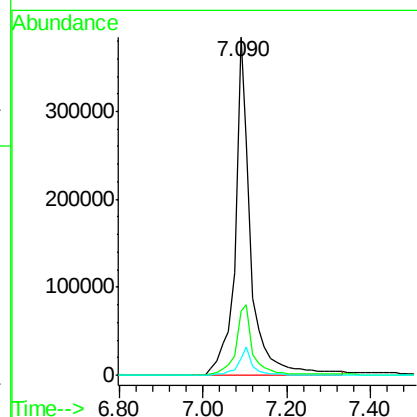
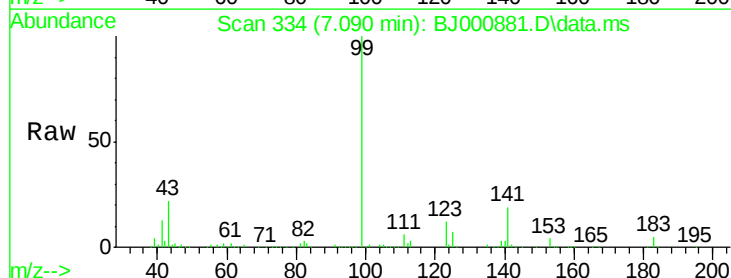
Tgt Ion: 99 Resp: 984485

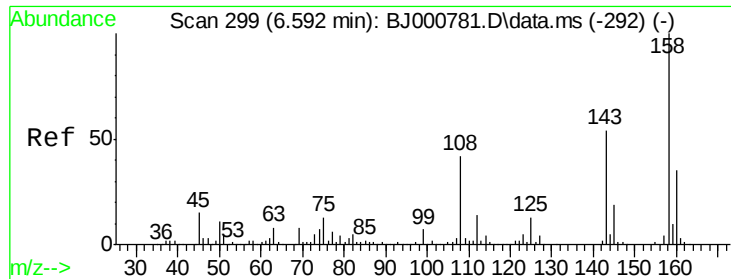
Ion Ratio Lower Upper

99 100

141 23.0 18.4 27.6

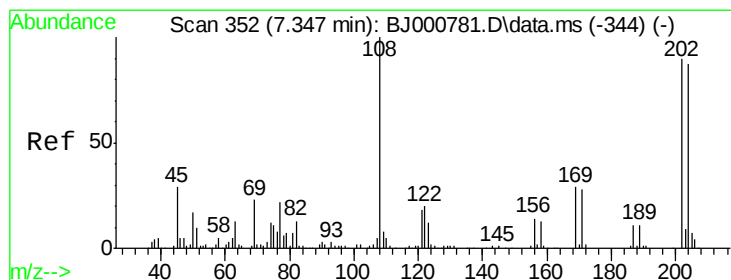
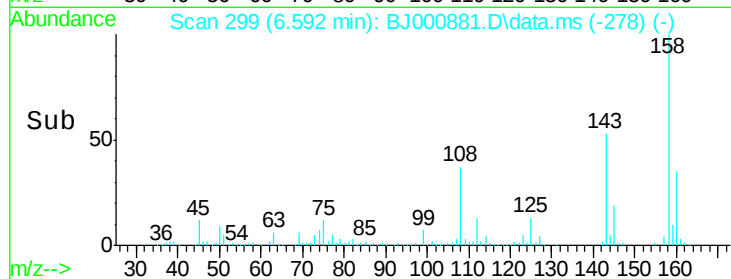
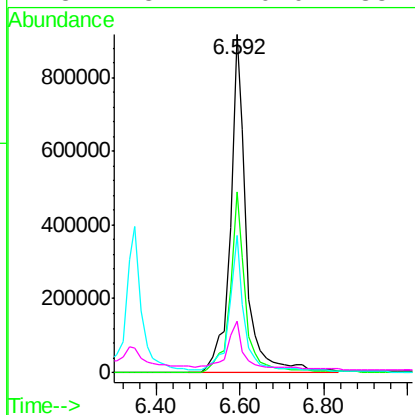
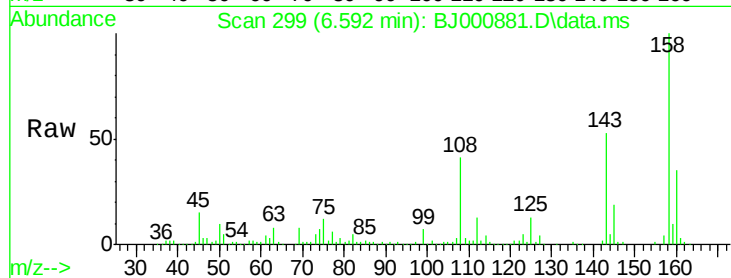
183 7.6 6.1 9.1





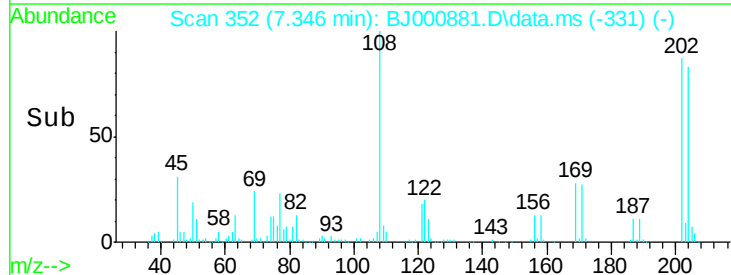
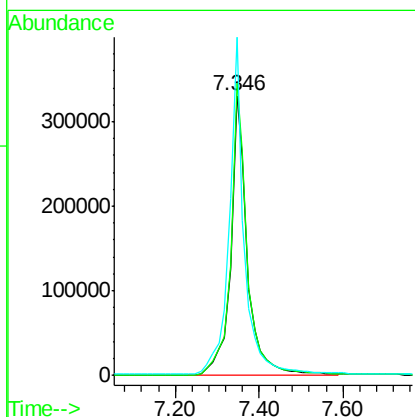
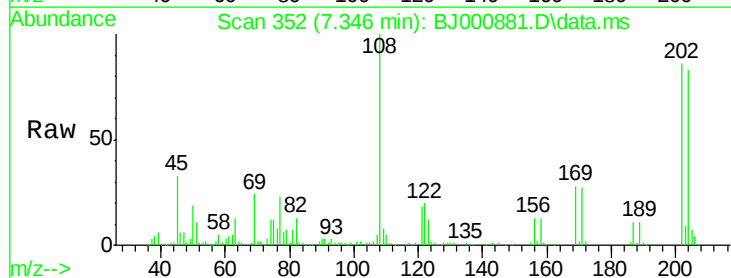
#11
p-Chlorophenylmethylsulfide
Concen: 12.90 ug/mL
RT: 6.592 min Scan# 299
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

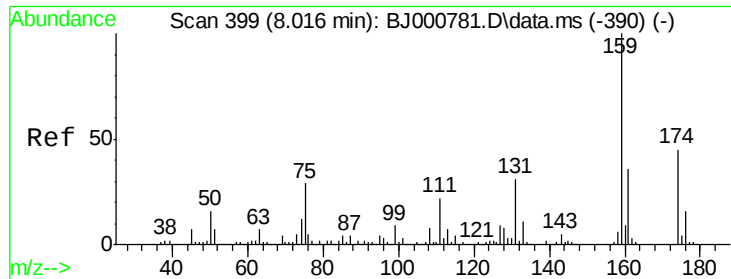
Tgt Ion:	158	Resp:	2401678
Ion	Ratio	Lower	Upper
158	100		
143	53.4	33.4	73.4
108	40.6	20.6	60.6
45	15.2	0.0	35.2



#12
2-Bromothioanisole
Concen: 12.95 ug/mL
RT: 7.346 min Scan# 352
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

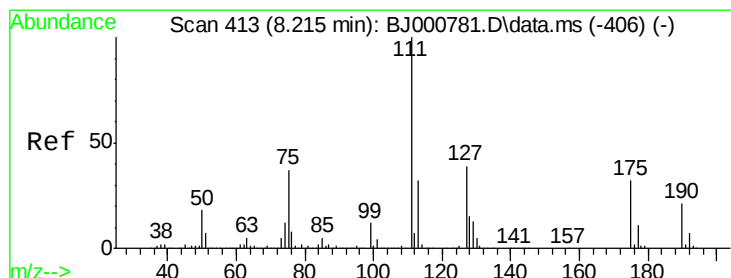
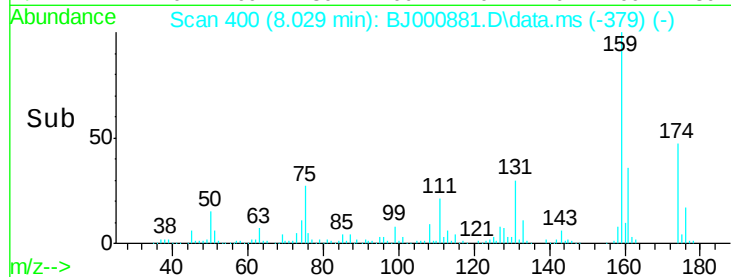
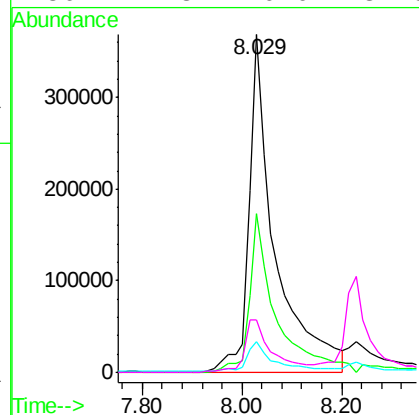
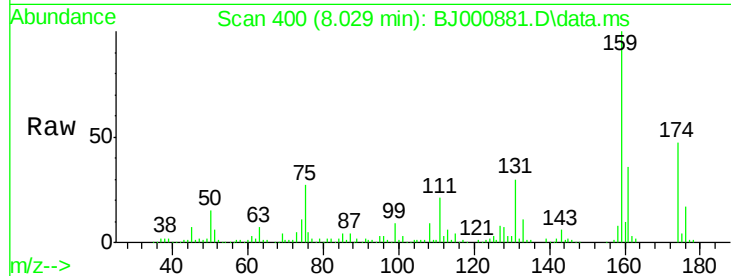
Tgt Ion:	204	Resp:	918520
Ion	Ratio	Lower	Upper
204	100		
202	104.6	84.6	124.6
108	121.0	101.0	141.0





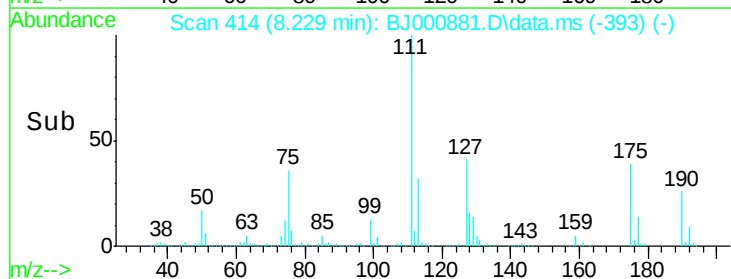
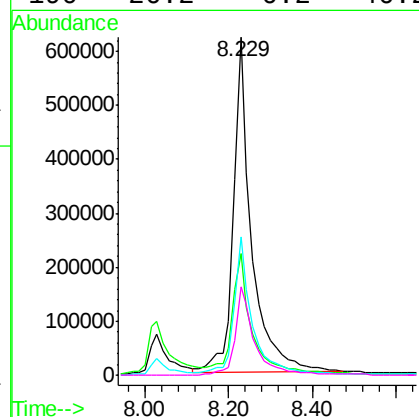
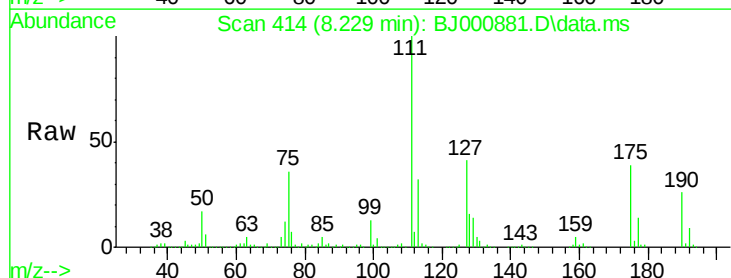
#13
p-Chlorophenylmethylsulfoxide
Concen: 12.82 ug/mL
RT: 8.029 min Scan# 400
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

Tgt Ion:	159	Resp:	1331293
Ion	Ratio	Lower	Upper
159	100		
174	47.7	27.7	67.7
108	9.3	0.0	29.3
50	17.3	0.0	37.3



#14
p-Chlorophenylmethylsulfone
Concen: 12.17 ug/mL
RT: 8.229 min Scan# 414
Delta R.T. 0.000 min
Lab File: BJ000881.D
Acq: 1 May 2012 13:59

Tgt Ion:	111	Resp:	1862446
Ion	Ratio	Lower	Upper
111	100		
75	35.9	15.9	55.9
127	40.8	20.8	60.8
190	26.2	6.2	46.2



Data Path : Z:\HPCHEM1\BNA_J\data\BJ050112\
 Data File : BJ000881.D
 Acq On : 1 May 2012 13:59
 Operator : HLM
 Sample : CWA-CCV
 Misc : STD BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 01:55:36 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue May 01 18:03:04 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.756	152	264375	2.00	ug/mL	0.00
6) Naphthalene-d8	6.051	136	1080724	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	7.090	99	984485	2.67	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	534.00%#	
12) 2-Bromothioanisole	7.346	204	918520	12.95	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	259.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.678	94	537668	5.52	ug/mL	100
3) DMMP	3.617	79	188802	2.23	ug/mL	100
4) DIMP	5.026	97	579394	2.49	ug/mL	100
5) 1,4-Oxathiane	3.731	46	649982	6.93	ug/mL	100
7) 1,4-Dithiane	5.212	46	490308	6.87	ug/mL	100
8) Thiodiglycol	5.994	61	3446147m	47.69	ug/mL	
9) Benzothiazole	6.350	135	3671392	13.65	ug/mL	100
11) p-Chlorophenylmethyisu...	6.592	158	2401678	12.90	ug/mL	100
13) p-Chlorophenylmethyisu...	8.029	159	1331293	12.82	ug/mL	100
14) p-Chlorophenylmethyisu...	8.229	111	1862446	12.17	ug/mL	100

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