

Data Path : Z:\HPCHEM1\BNA_J\data\BJ043012\
 Data File : BJ000865.D
 Acq On : 30 Apr 2012 11:41
 Operator : HLM
 Sample : CWA-CCV
 Misc : STD BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 01:51:40 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue May 01 10:17:53 2012
 Response via : Initial Calibration

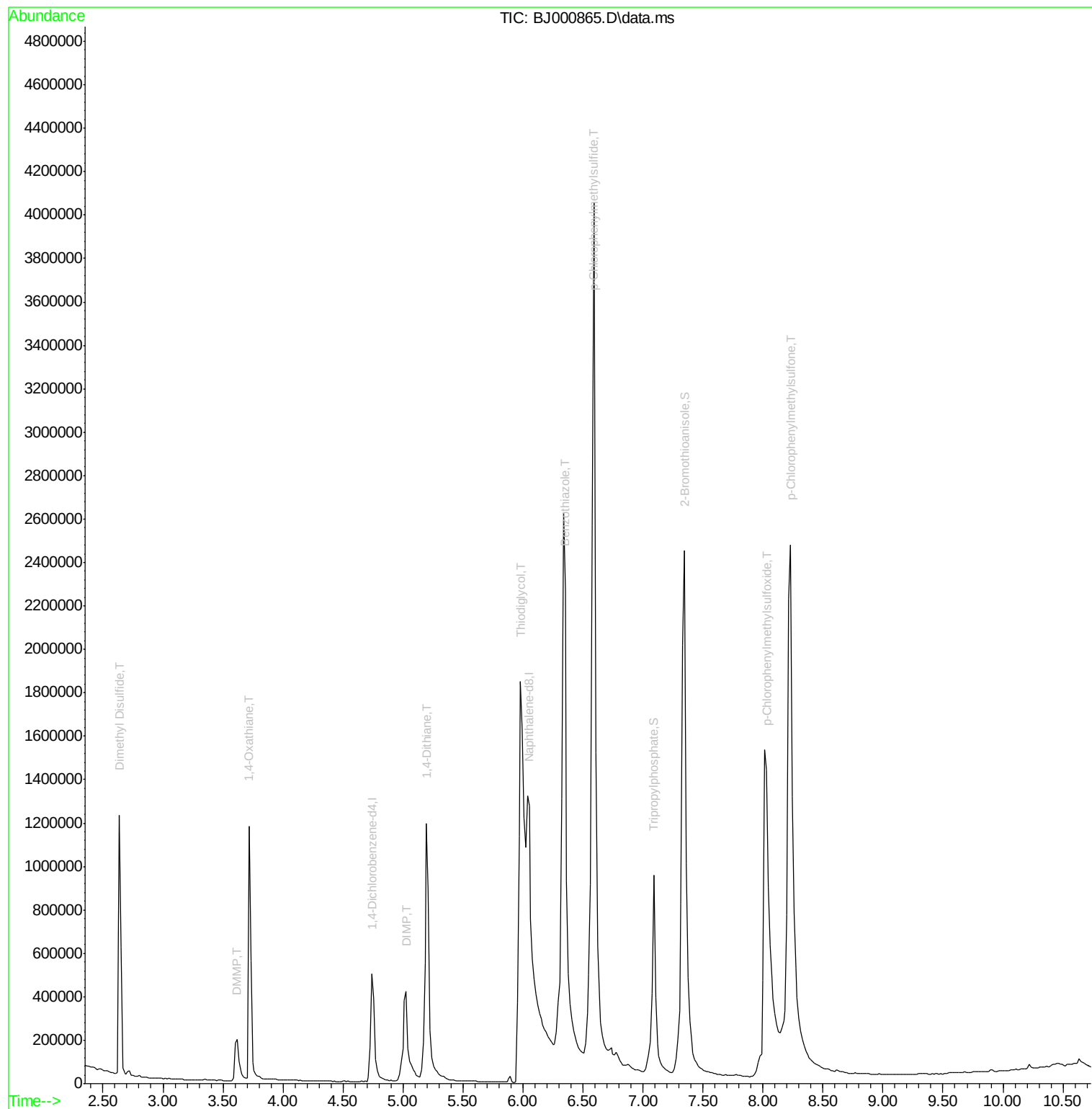
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

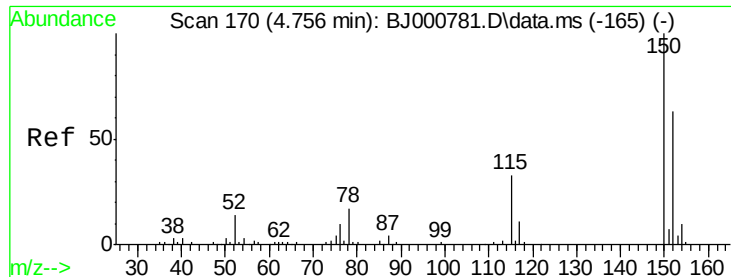
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.742	152	219999	2.00	ug/mL	0.00
6) Naphthalene-d8	6.051	136	919526	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	7.090	99	854253	2.72	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	544.00%#	
12) 2-Bromothioanisole	7.346	204	763032	12.65	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	253.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.635	94	462764	5.71	ug/mL	100
3) DMMP	3.618	79	150958	2.15	ug/mL	100
4) DIMP	5.027	97	476769	2.46	ug/mL	100
5) 1,4-Oxathiane	3.717	46	500861	6.42	ug/mL	100
7) 1,4-Dithiane	5.197	46	407345	6.71	ug/mL	100
8) Thiodiglycol	5.980	61	2839768m	46.24	ug/mL	
9) Benzothiazole	6.350	135	3091892	13.51	ug/mL	100
11) p-Chlorophenylmethyisu...	6.592	158	2054623	12.98	ug/mL	100
13) p-Chlorophenylmethyisu...	8.029	159	1133741	12.83	ug/mL	100
14) p-Chlorophenylmethyisu...	8.229	111	1599236	12.28	ug/mL	100

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

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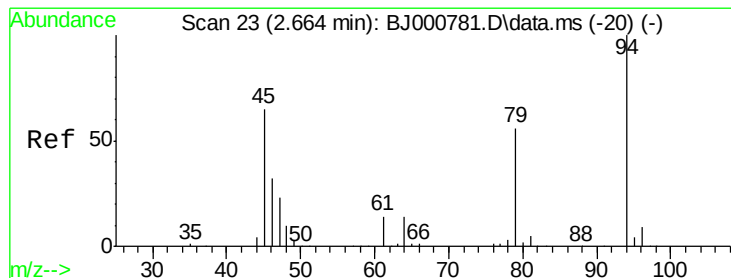
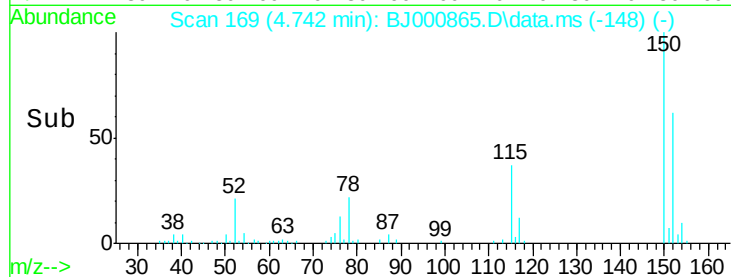
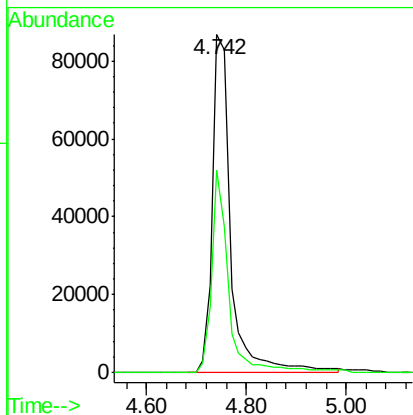
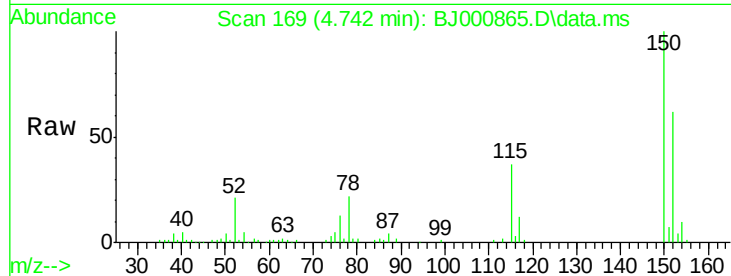




#1

1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.742 min Scan# 169
Delta R.T. 0.000 min
Lab File: BJ000865.D
Acq: 30 Apr 2012 11:41

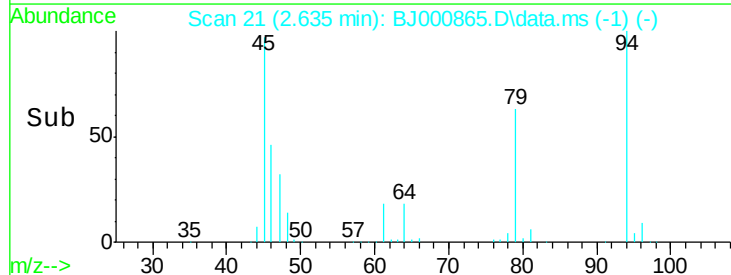
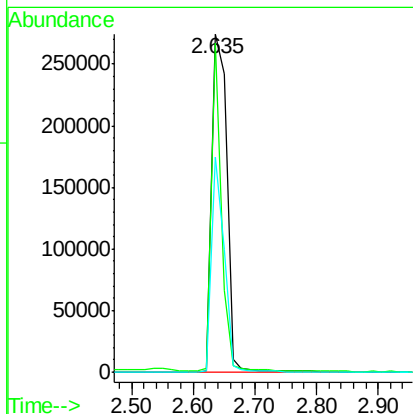
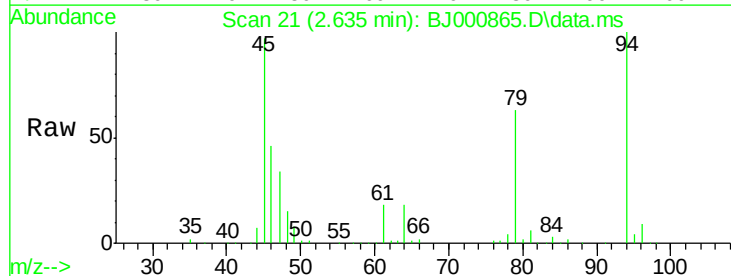
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	40.0	80.0

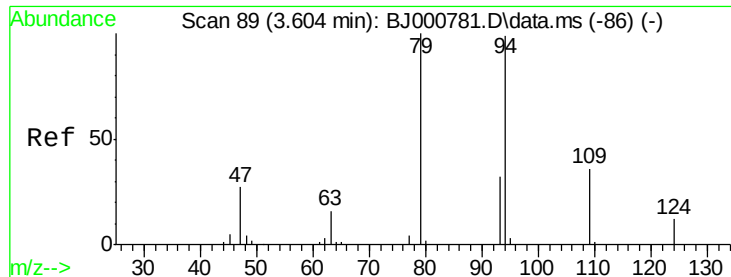


#2

Dimethyl Disulfide
Concen: 5.71 ug/mL
RT: 2.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: BJ000865.D
Acq: 30 Apr 2012 11:41

Tgt Ion	Ratio	Lower	Upper
94	100		
45	97.4	77.4	117.4
79	63.5	43.5	83.5





#3

DMMP

Concen: 2.15 ug/mL

RT: 3.618 min Scan# 90

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

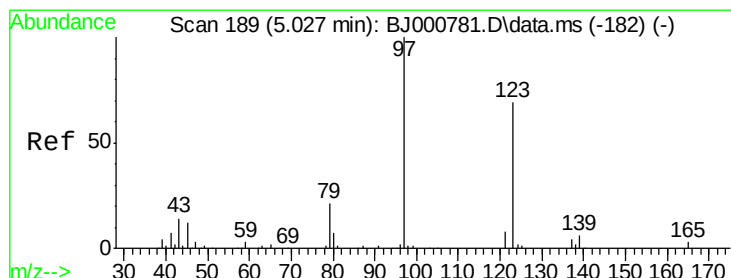
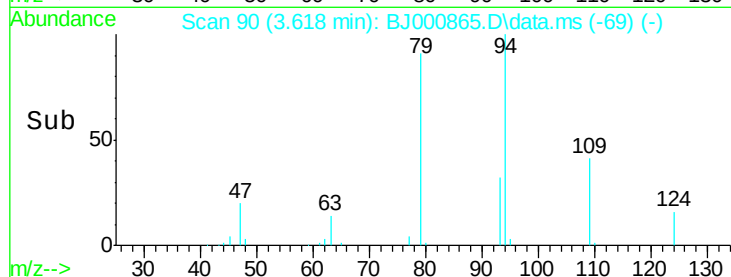
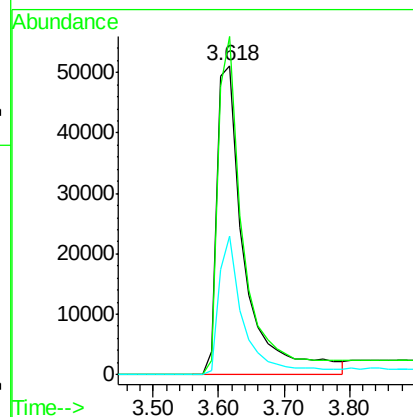
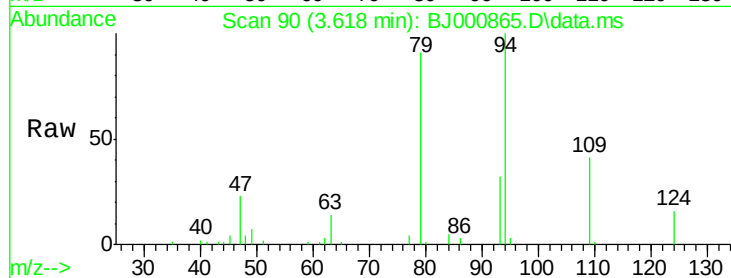
Tgt Ion: 79 Resp: 150958

Ion Ratio Lower Upper

79 100

94 109.4 89.4 129.4

109 45.0 25.0 65.0



#4

DIMP

Concen: 2.46 ug/mL

RT: 5.027 min Scan# 189

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

Tgt Ion: 97 Resp: 476769

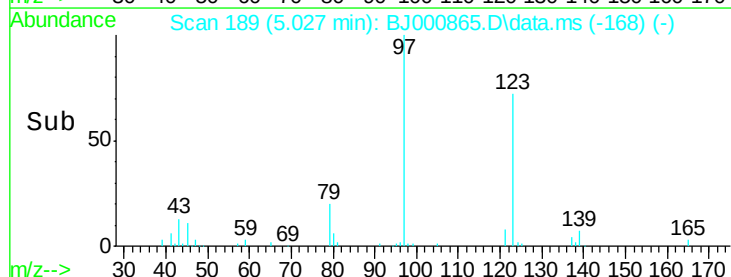
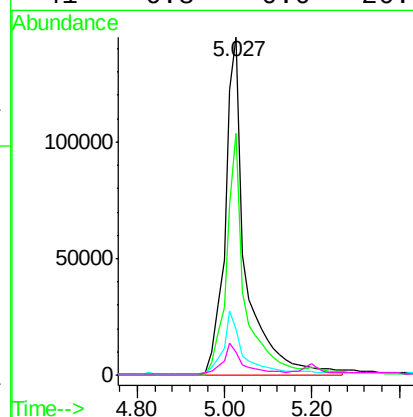
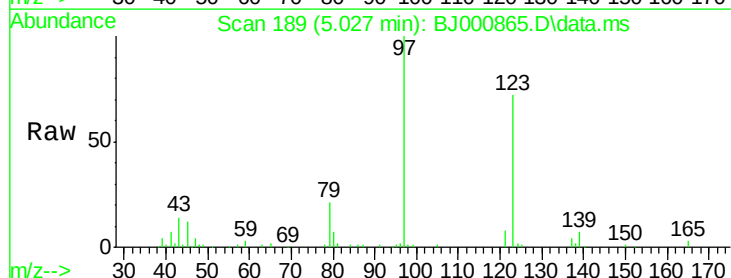
Ion Ratio Lower Upper

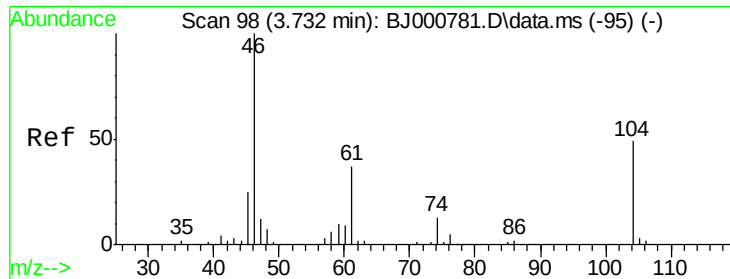
97 100

123 71.5 51.5 91.5

43 13.7 0.0 33.7

41 6.8 0.0 26.8





#5

1,4-Oxathiane

Concen: 6.42 ug/mL

RT: 3.717 min Scan# 97

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

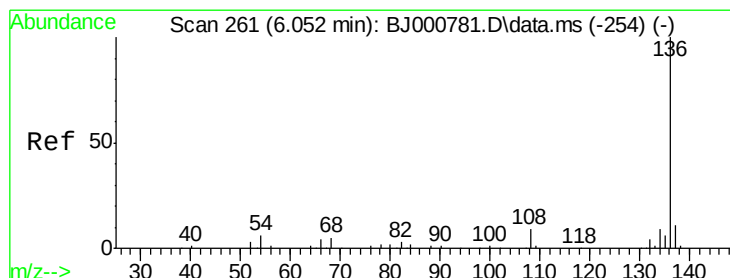
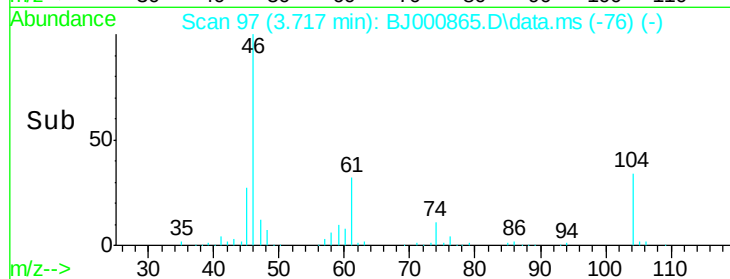
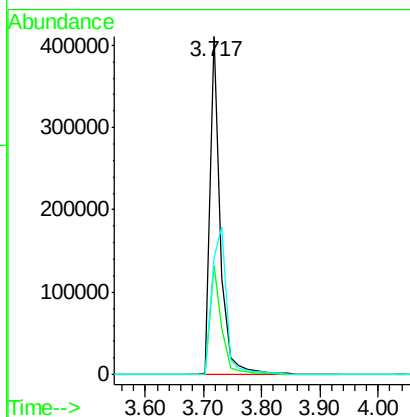
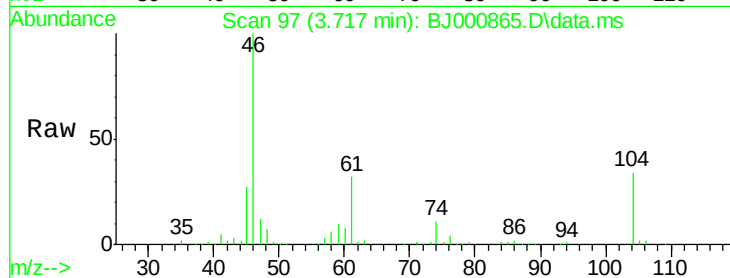
Tgt Ion: 46 Resp: 500861

Ion Ratio Lower Upper

46 100

61 32.1 12.1 52.1

104 34.5 14.5 54.5



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 6.051 min Scan# 261

Delta R.T. 0.000 min

Lab File: BJ000865.D

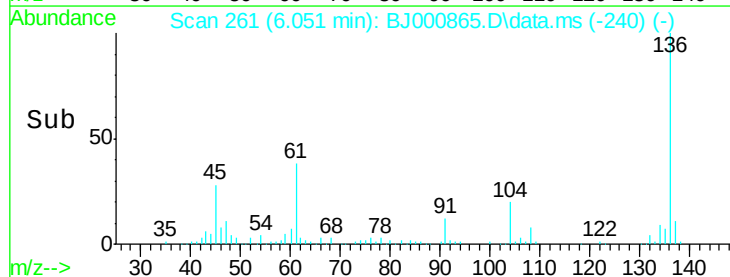
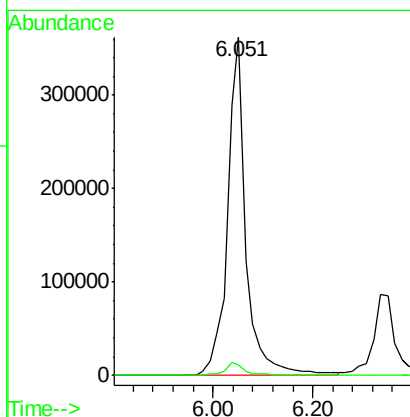
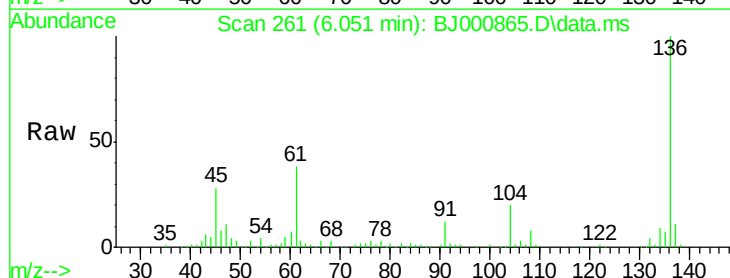
Acq: 30 Apr 2012 11:41

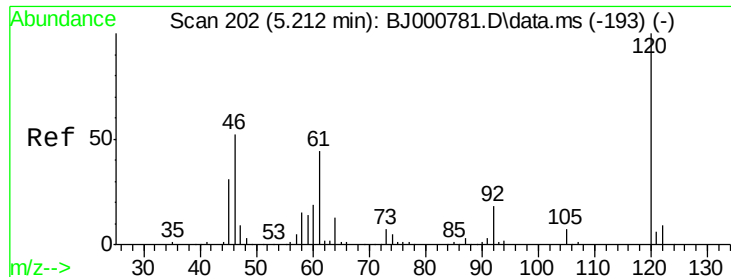
Tgt Ion: 136 Resp: 919526

Ion Ratio Lower Upper

136 100

68 3.0 0.0 23.0





#7

1,4-Dithiane

Concen: 6.71 ug/mL

RT: 5.197 min Scan# 201

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

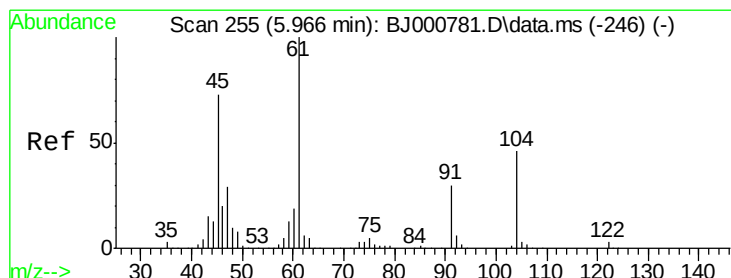
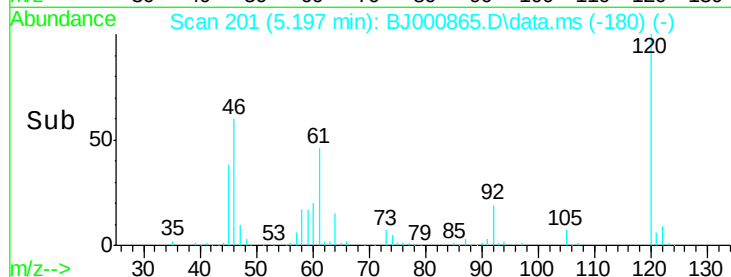
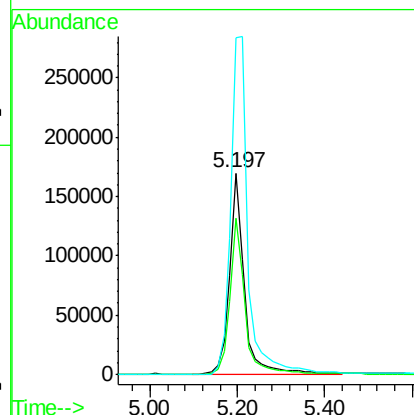
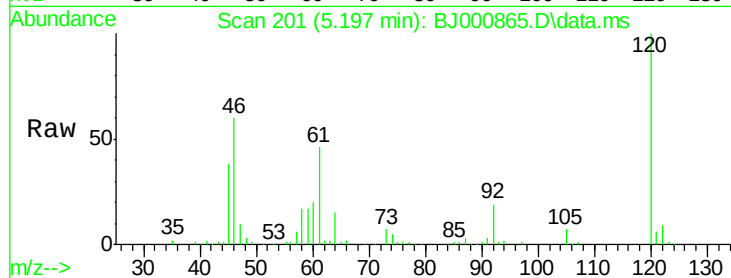
Tgt Ion: 46 Resp: 407345

Ion Ratio Lower Upper

46 100

61 77.5 57.5 97.5

120 167.7 147.7 187.7



#8

Thiodiglycol

Concen: 46.24 ug/mL m

RT: 5.980 min Scan# 256

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

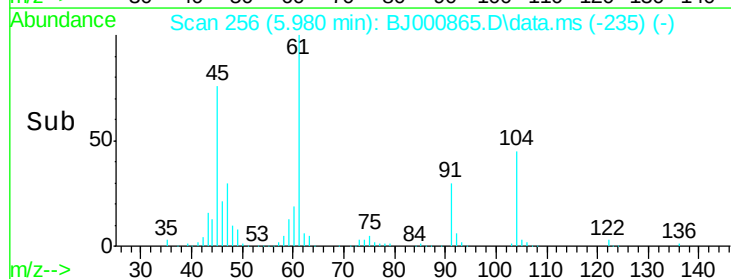
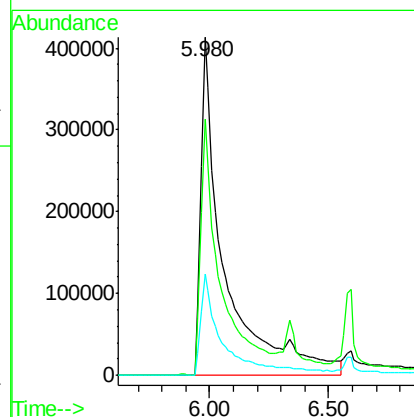
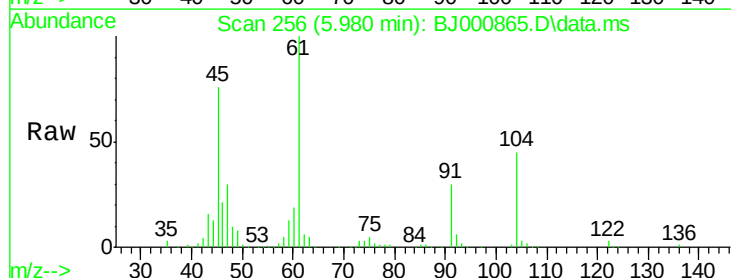
Tgt Ion: 61 Resp: 2839768

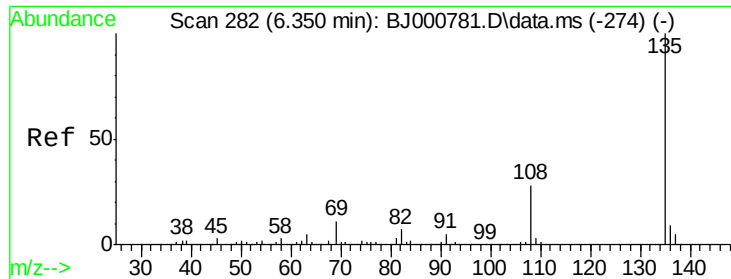
Ion Ratio Lower Upper

61 100

45 75.7 55.7 95.7

47 30.0 10.0 50.0





#9

Benzothiazole

Concen: 13.51 ug/mL

RT: 6.350 min Scan# 282

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

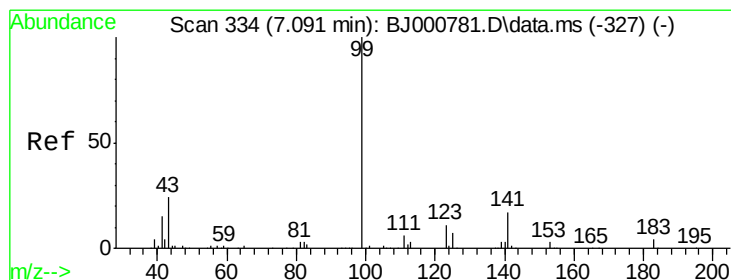
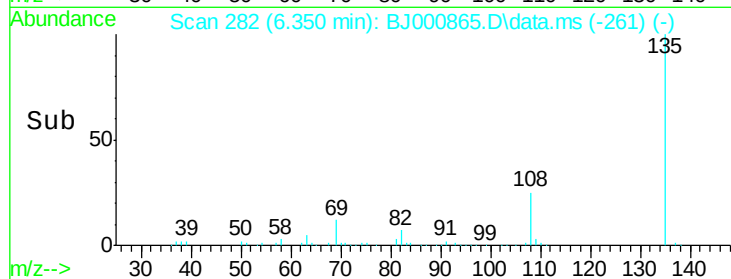
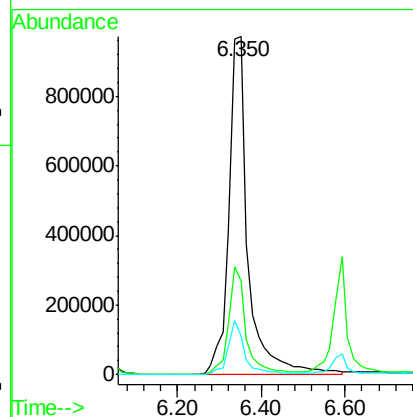
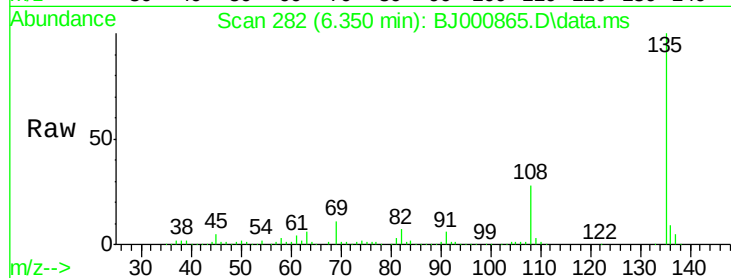
Tgt Ion: 135 Resp: 3091892

Ion Ratio Lower Upper

135 100

108 27.7 7.7 47.7

69 11.3 0.0 31.3



#10

Tripropylphosphate

Concen: 2.72 ug/mL

RT: 7.090 min Scan# 334

Delta R.T. 0.000 min

Lab File: BJ000865.D

Acq: 30 Apr 2012 11:41

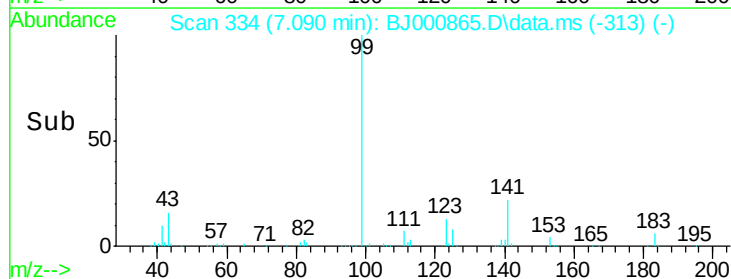
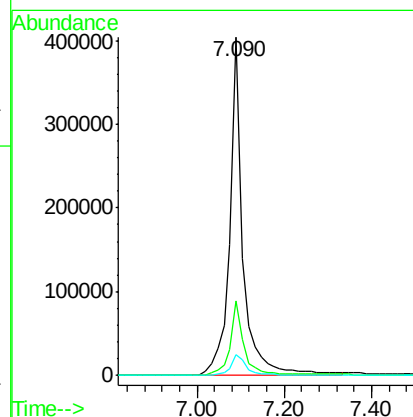
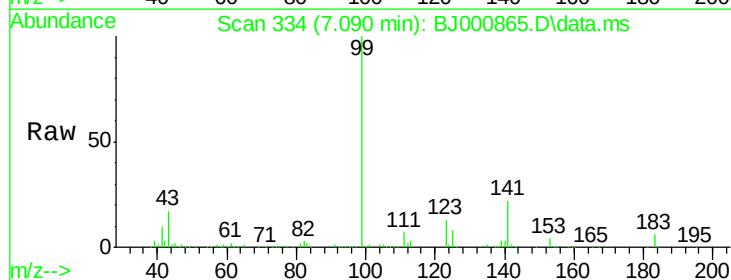
Tgt Ion: 99 Resp: 854253

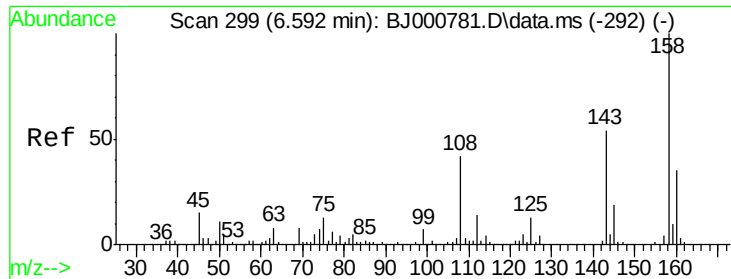
Ion Ratio Lower Upper

99 100

141 23.1 18.5 27.7

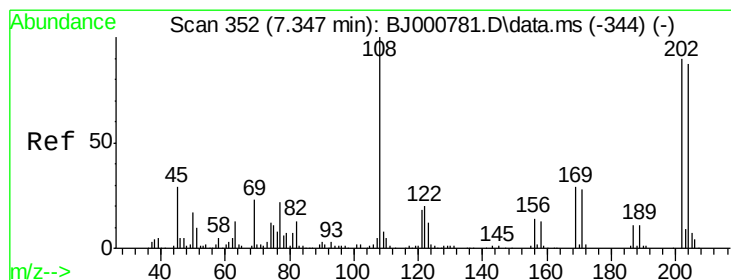
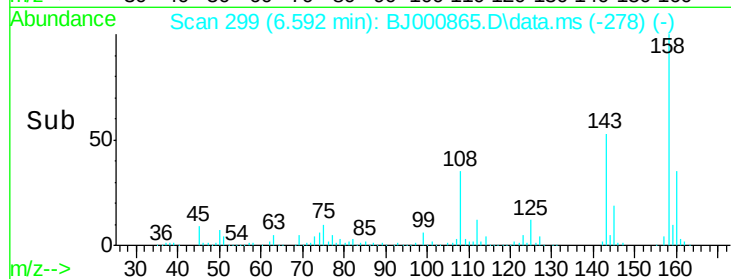
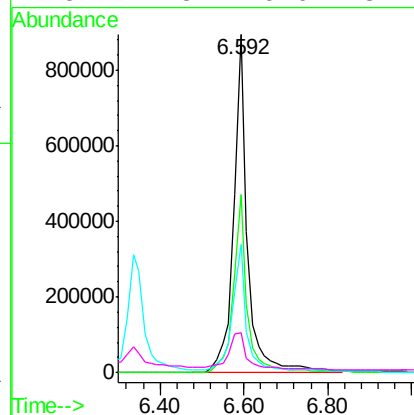
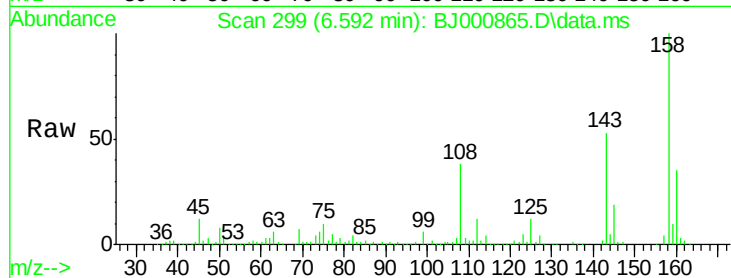
183 7.3 5.8 8.8





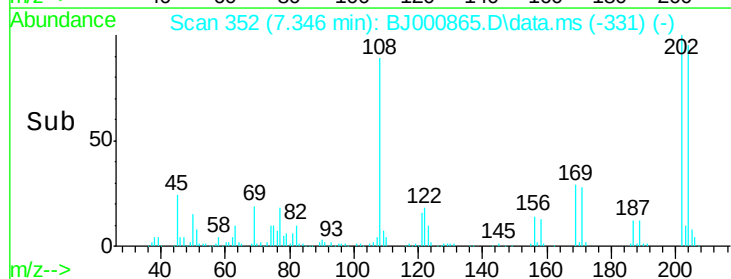
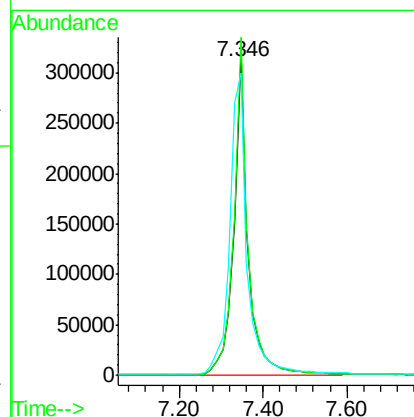
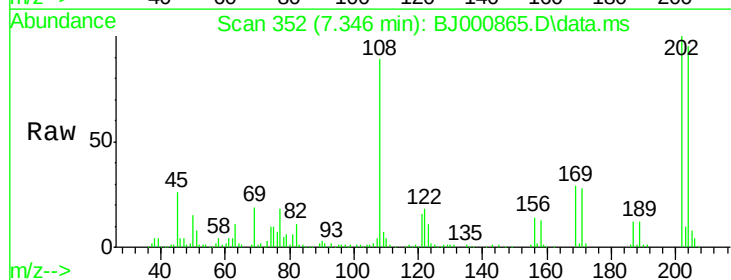
#11
 p-Chlorophenylmethylsulfide
 Concen: 12.98 ug/mL
 RT: 6.592 min Scan# 299
 Delta R.T. 0.000 min
 Lab File: BJ000865.D
 Acq: 30 Apr 2012 11:41

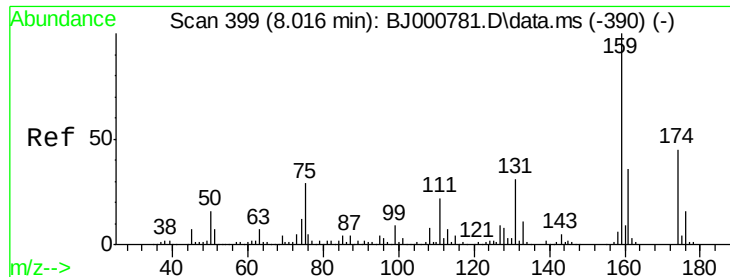
Tgt Ion:	158	Resp:	2054623
Ion	Ratio	Lower	Upper
158	100		
143	52.6	32.6	72.6
108	37.8	17.8	57.8
45	11.8	0.0	31.8



#12
 2-Bromothioanisole
 Concen: 12.65 ug/mL
 RT: 7.346 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: BJ000865.D
 Acq: 30 Apr 2012 11:41

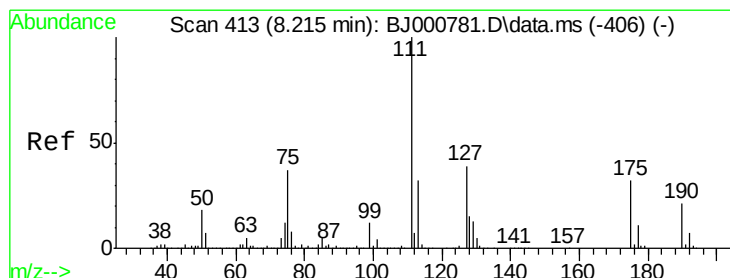
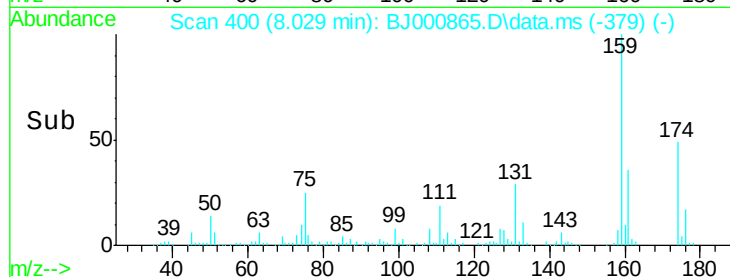
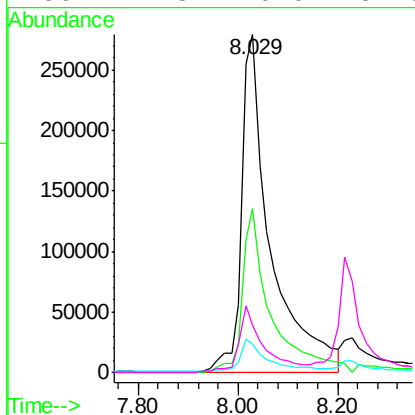
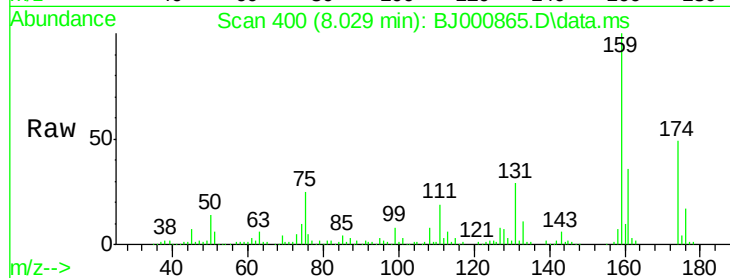
Tgt Ion:	204	Resp:	763032
Ion	Ratio	Lower	Upper
204	100		
202	104.7	84.7	124.7
108	93.5	73.5	113.5





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.83 ug/mL
RT: 8.029 min Scan# 400
Delta R.T. 0.000 min
Lab File: BJ000865.D
Acq: 30 Apr 2012 11:41

Tgt Ion:	159	Resp:	1133741
Ion	Ratio	Lower	Upper
159	100		
174	47.0	27.0	67.0
108	9.1	0.0	29.1
50	17.3	0.0	37.3



#14
p-Chlorophenylmethylsulfone
Concen: 12.28 ug/mL
RT: 8.229 min Scan# 414
Delta R.T. 0.000 min
Lab File: BJ000865.D
Acq: 30 Apr 2012 11:41

Tgt Ion:	111	Resp:	1599236
Ion	Ratio	Lower	Upper
111	100		
75	33.2	13.2	53.2
127	41.5	21.5	61.5
190	29.8	9.8	49.8

