

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000958.D

Vial: 2

Acq On : 27 Jun 2012 13:45

Operator: HLM

Sample : CWA-4

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 28 10:46 2012

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Jun 28 10:45:59 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	286071	2.00	ug/mL	0.00
6) Naphthalene-d8	5.98	136	1220439	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.02	99	1224570	2.57	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	514.00%#
12) 2-Bromothioanisole	7.27	204	995707	11.95	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	239.00%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.56	94	666782	6.87	ug/mL 100
3) DMMP	3.55	79	247909	2.32	ug/mL 100
4) DIMP	4.95	97	658474	2.69	ug/mL 100
5) 1,4-Oxathiane	3.66	46	710020	7.43	ug/mL 100
7) 1,4-Dithiane	5.13	46	544021	6.26	ug/mL 100
8) Thiodiglycol	5.94	61	3252396	43.41	ug/mL 100
9) Benzothiazole	6.26	135	4183424	12.48	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.52	158	2425961	11.53	ug/mL 100
13) p-Chlorophenylmethyldisulfox	7.94	159	1810150	13.78	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.14	111	2248079	12.66	ug/mL 100

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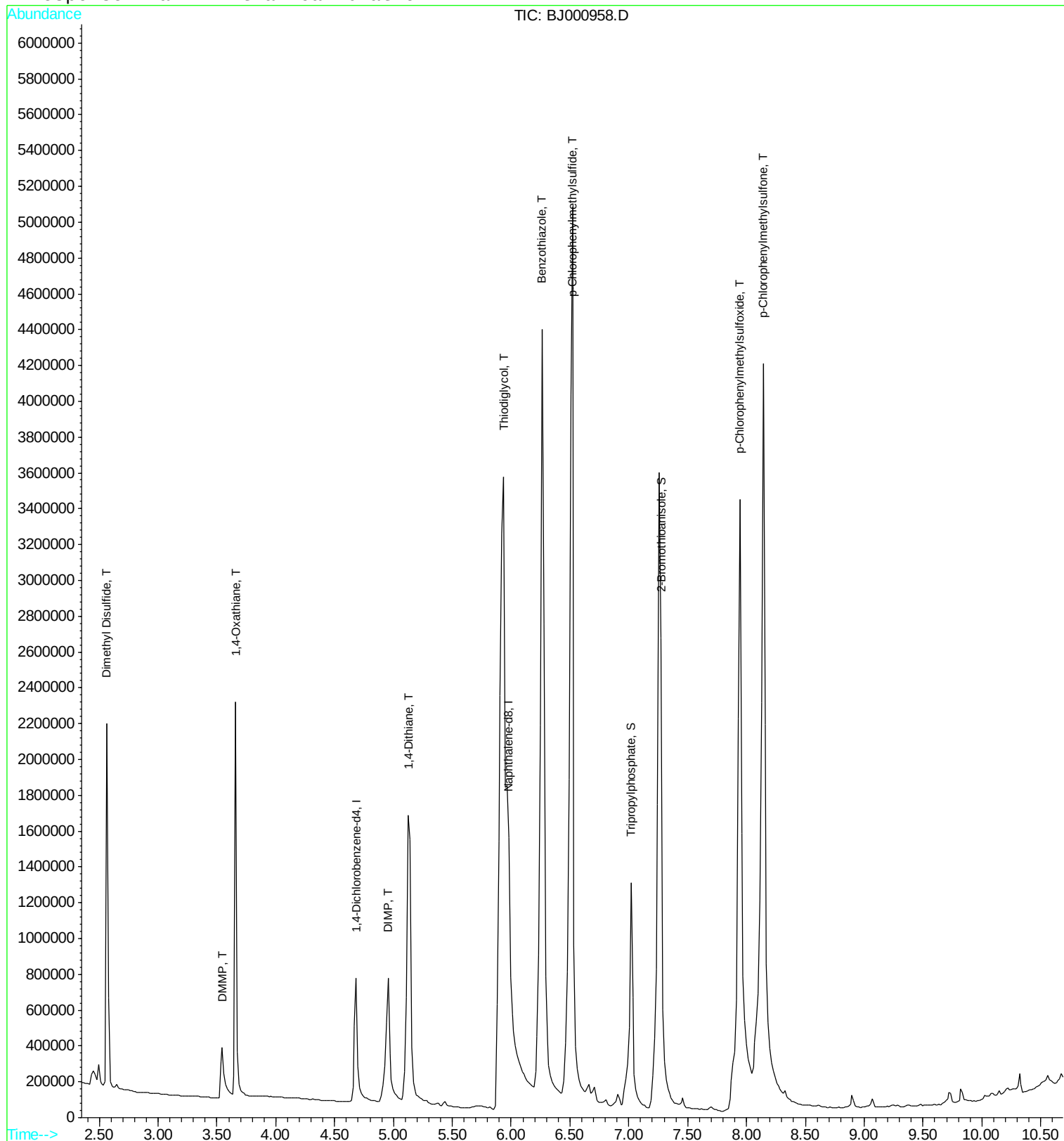
Quant Results File: BJ060812.RES

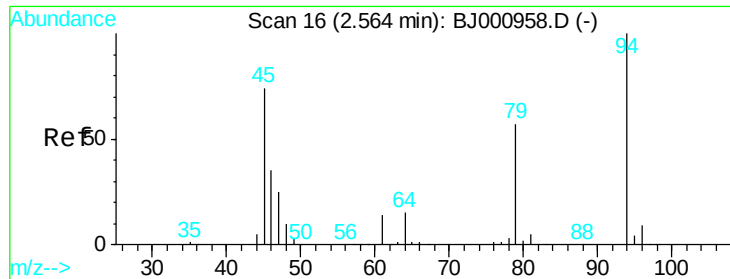
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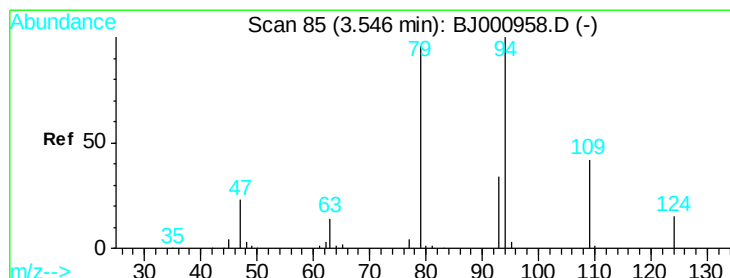
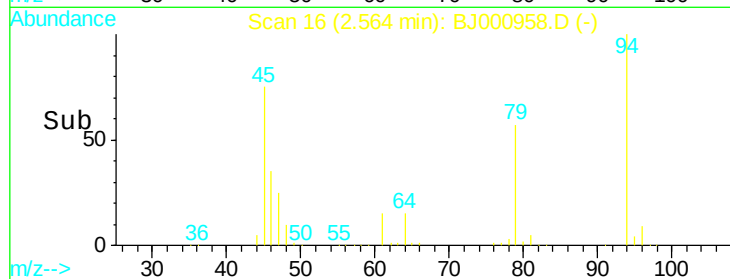
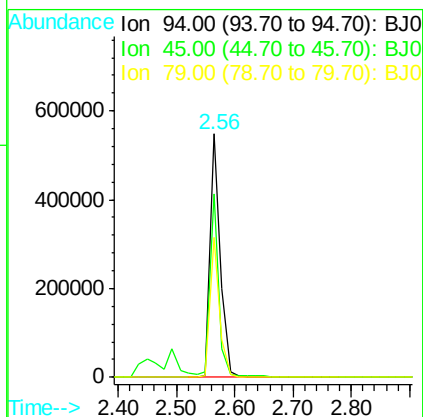
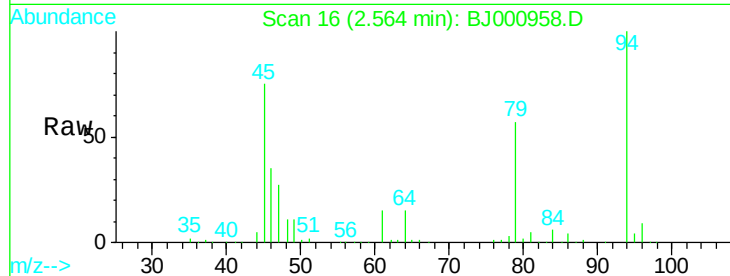




#2
 Dimethyl Disulfide
 Concen: 6.87 ug/mL
 RT: 2.56 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: BJ000958.D
 Acq: 27 Jun 2012 13:45

Tgt Ion: 94 Resp: 666782

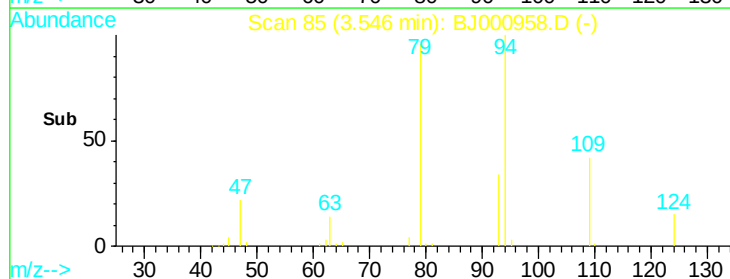
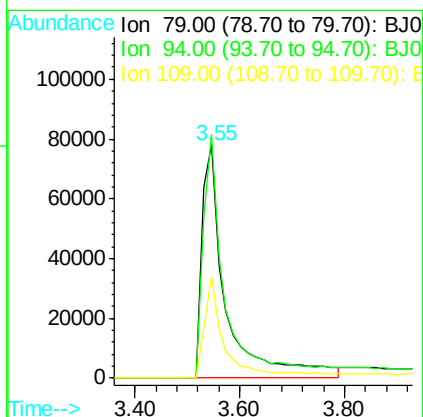
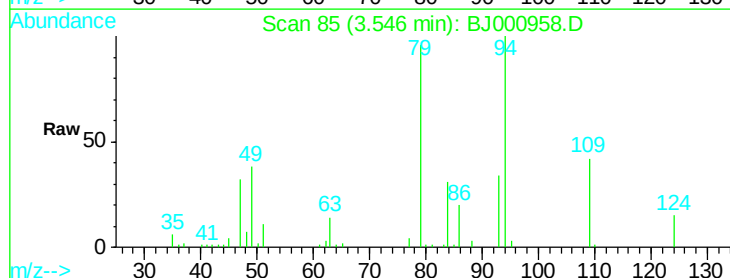
Ion	Ratio	Lower	Upper
94	100		
45	75.3	55.3	95.3
79	57.3	37.3	77.3

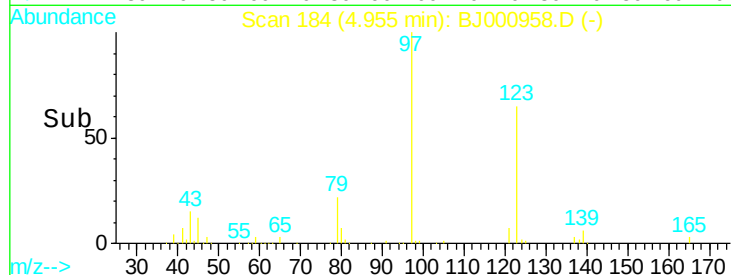
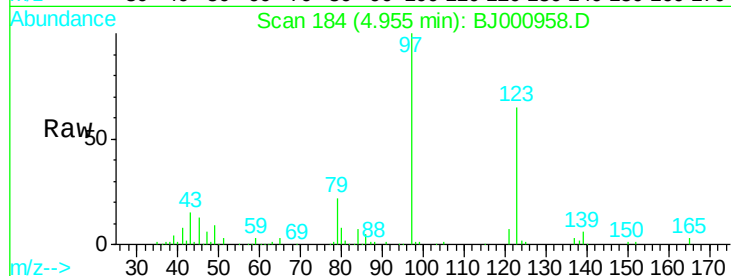
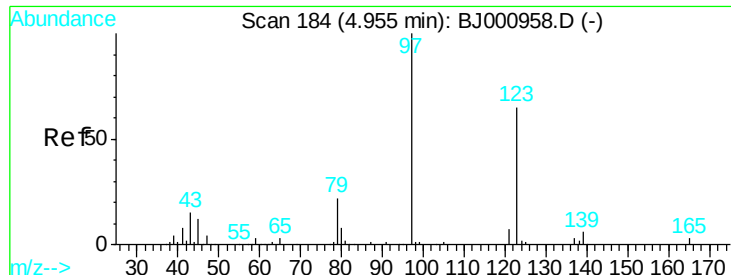


#3
 DMMP
 Concen: 2.32 ug/mL
 RT: 3.55 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BJ000958.D
 Acq: 27 Jun 2012 13:45

Tgt Ion: 79 Resp: 247909

Ion	Ratio	Lower	Upper
79	100		
94	104.5	84.5	124.5
109	43.4	23.4	63.4





#4

DIMP

Concen: 2.69 ug/mL

RT: 4.95 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

Tgt Ion: 97 Resp: 658474

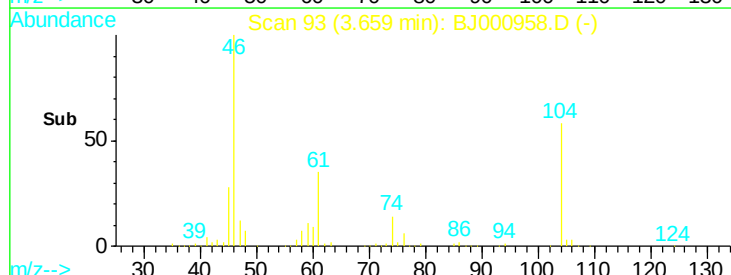
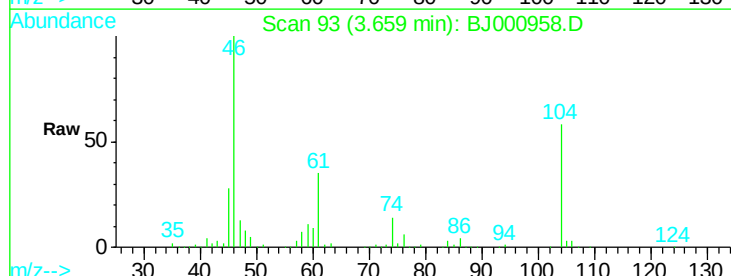
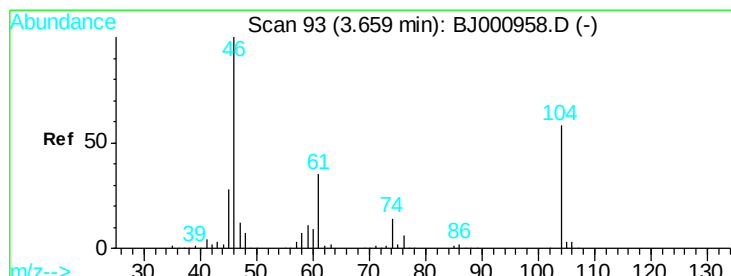
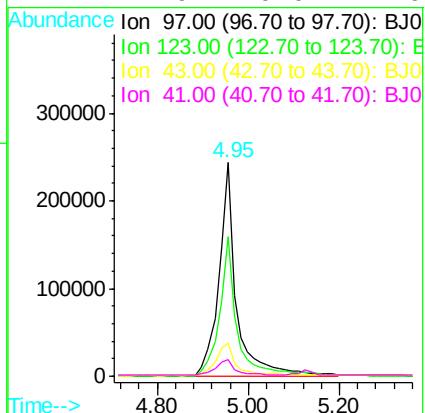
Ion Ratio Lower Upper

97 100

123 65.3 45.3 85.3

43 15.5 0.0 35.5

41 7.9 0.0 27.9



#5

1,4-Oxathiane

Concen: 7.43 ug/mL

RT: 3.66 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

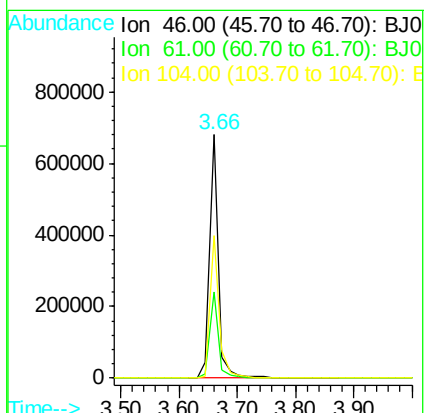
Tgt Ion: 46 Resp: 710020

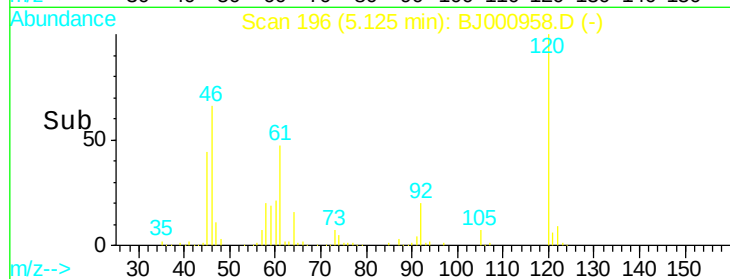
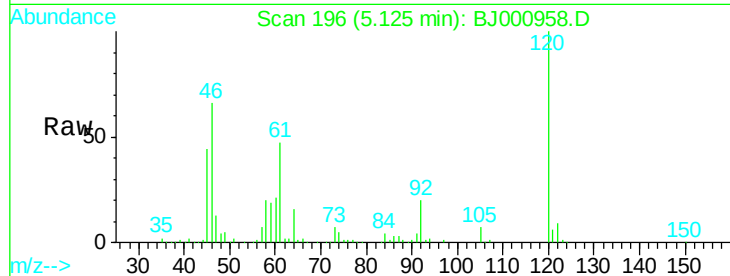
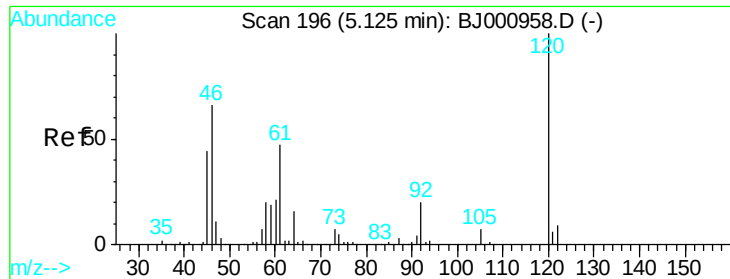
Ion Ratio Lower Upper

46 100

61 35.3 15.3 55.3

104 58.4 38.4 78.4





#7

1,4-Dithiane

Concen: 6.26 ug/mL

RT: 5.13 min Scan# 196

Delta R.T. 0.00 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

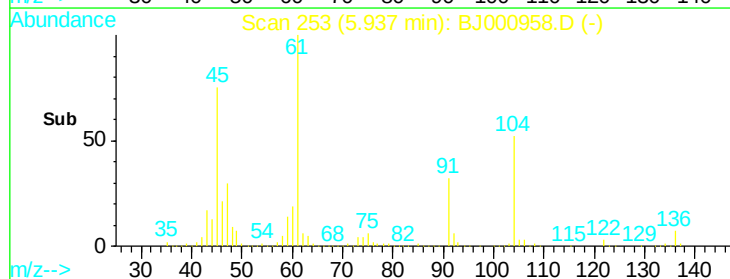
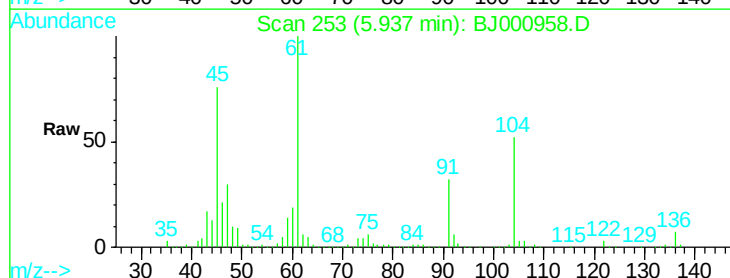
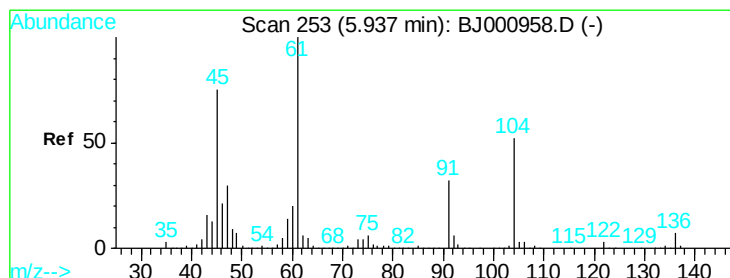
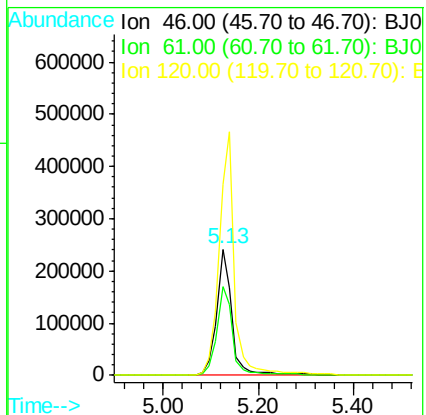
Tgt Ion: 46 Resp: 544021

Ion Ratio Lower Upper

46 100

61 70.6 50.6 90.6

120 151.1 131.1 171.1



#8

Thiodiglycol

Concen: 43.41 ug/mL

RT: 5.94 min Scan# 253

Delta R.T. 0.00 min

Lab File: BJ000958.D

Acq: 27 Jun 2012 13:45

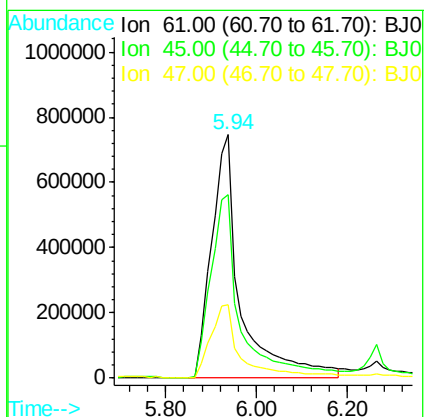
Tgt Ion: 61 Resp: 3252396

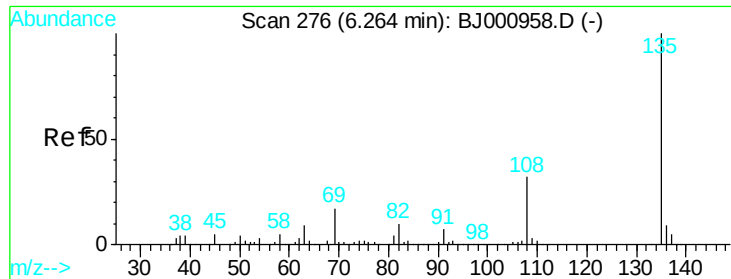
Ion Ratio Lower Upper

61 100

45 75.5 55.5 95.5

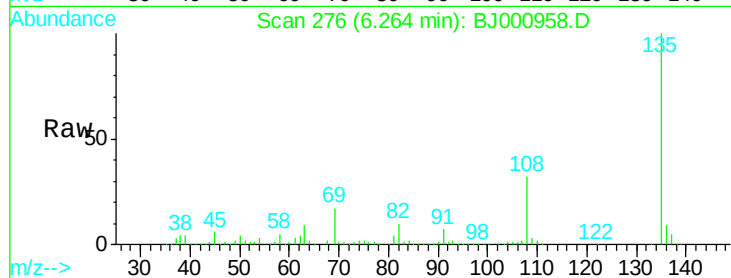
47 30.4 10.4 50.4



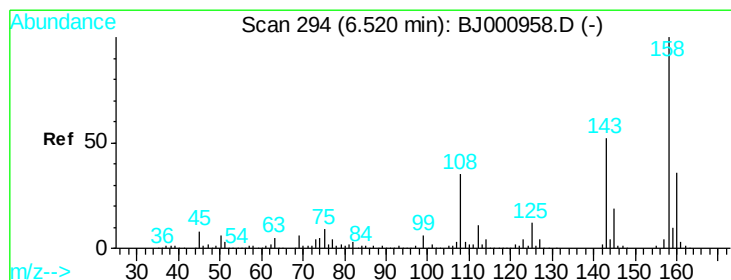
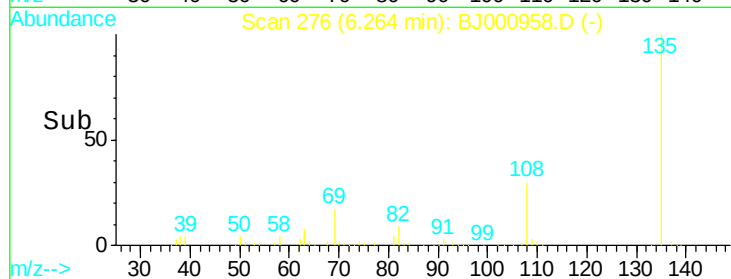
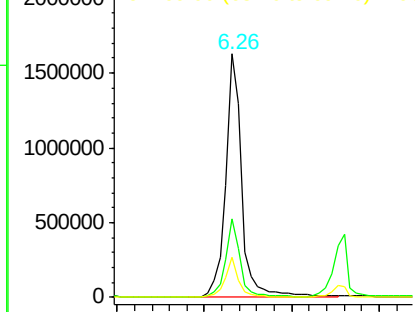


#9
Benzothiazole
Concen: 12.48 ug/mL
RT: 6.26 min Scan# 276
Delta R.T. 0.00 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion:135 Resp: 4183424
Ion Ratio Lower Upper
135 100
108 32.4 12.4 52.4
69 16.7 0.0 36.7

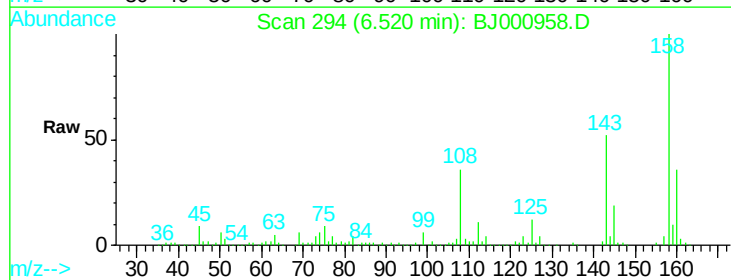


Abundance Ion 135.00 (134.70 to 135.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 69.00 (68.70 to 69.70): BJ0

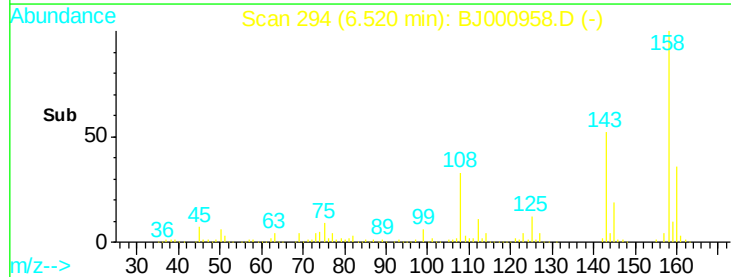
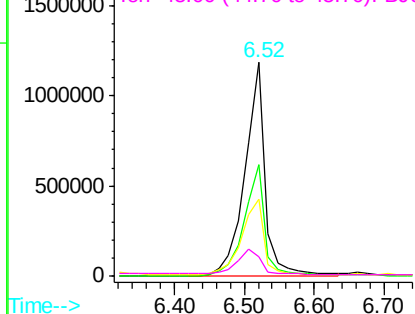


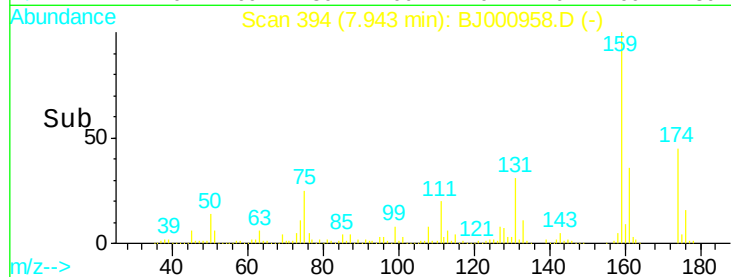
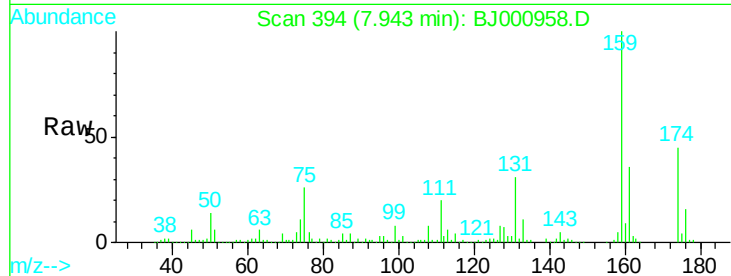
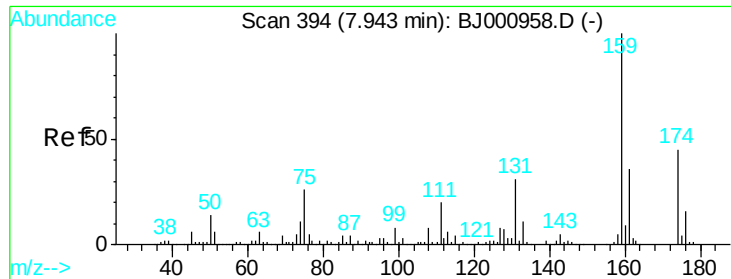
#11
p-Chlorophenylmethylsulfide
Concen: 11.53 ug/mL
RT: 6.52 min Scan# 294
Delta R.T. 0.00 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion:158 Resp: 2425961
Ion Ratio Lower Upper
158 100
143 51.9 31.9 71.9
108 35.8 15.8 55.8
45 9.2 0.0 29.2



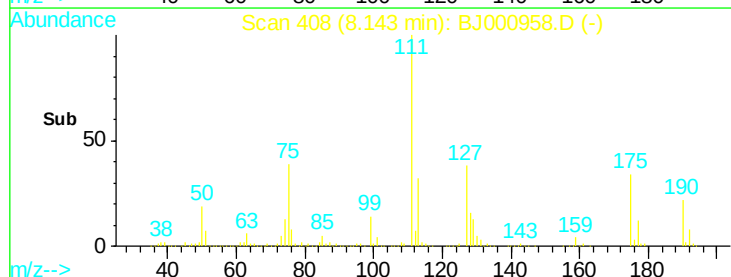
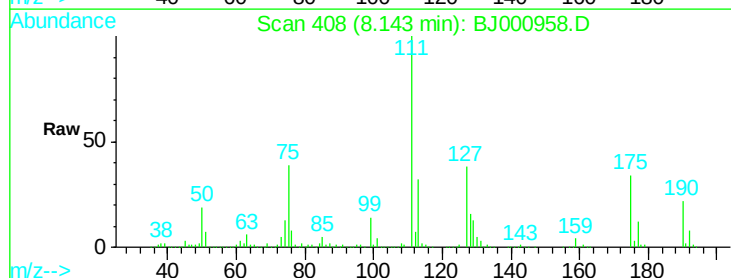
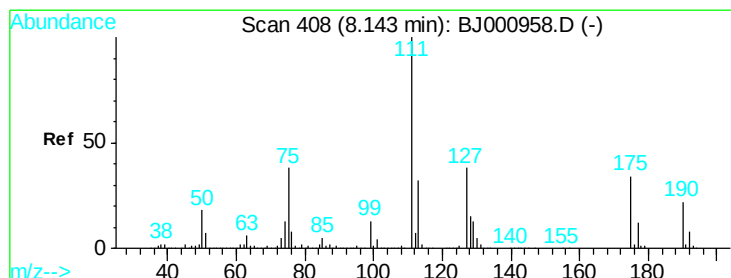
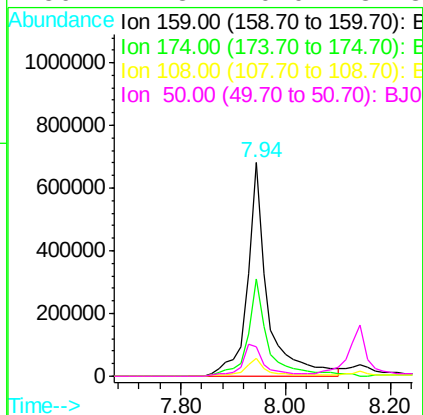
Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 13.78 ug/mL
RT: 7.94 min Scan# 394
Delta R.T. 0.00 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion:159 Resp: 1810150
Ion Ratio Lower Upper
159 100
174 46.0 26.0 66.0
108 8.6 0.0 28.6
50 17.3 0.0 37.3



#14
p-Chlorophenylmethylsulfone
Concen: 12.66 ug/mL
RT: 8.14 min Scan# 408
Delta R.T. 0.00 min
Lab File: BJ000958.D
Acq: 27 Jun 2012 13:45

Tgt Ion:111 Resp: 2248079
Ion Ratio Lower Upper
111 100
75 39.3 19.3 59.3
127 38.4 18.4 58.4
190 21.5 1.5 41.5

