

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001037.D

Vial: 4

Acq On : 20 Jul 2012 12:24

Operator: HLM

Sample : CWA-4

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jul 20 13:58 2012

Quant Results File: BJ072012.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jul 20 13:59:18 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.67	152	327655	2.00	ug/mL	0.00
6) Naphthalene-d8	5.95	136	1339325	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.00	99	1249724	2.39	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	478.00%#
12) 2-Bromothioanisole	7.25	204	1284855	14.05	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	281.00%#

Target Compounds

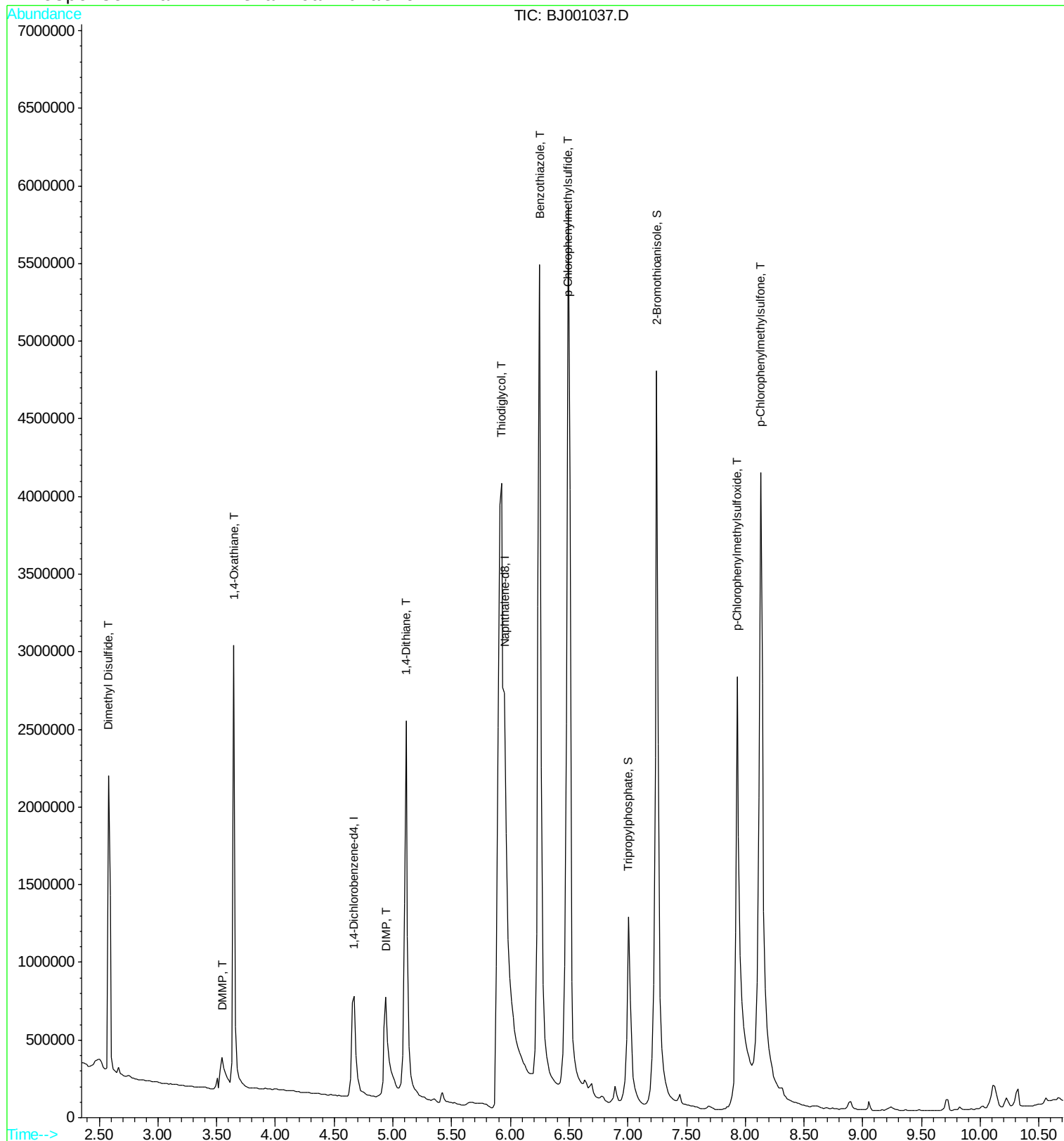
					Ovalue
2) Dimethyl Disulfide	2.58	94	820507	7.38	ug/mL 100
3) DMMP	3.55	79	262946	2.15	ug/mL 100
4) DIMP	4.94	97	766543	2.74	ug/mL 100
5) 1,4-Oxathiane	3.65	46	985275	9.00	ug/mL 100
7) 1,4-Dithiane	5.11	46	748625	7.85	ug/mL 100
8) Thiodiglycol	5.92	61	4361648	51.89	ug/mL 100
9) Benzothiazole	6.25	135	4557408	12.39	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.49	158	2611336	11.30	ug/mL 100
13) p-Chlorophenylmethyldisulfox	7.93	159	1442279	10.45	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.13	111	2252987	11.56	ug/mL 100

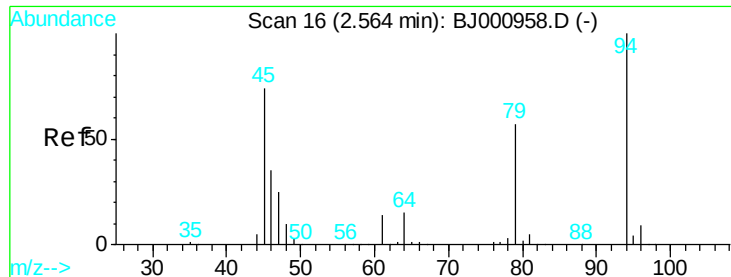
Data File : H:\VOL1\GCMSDATA\J\120720\BJ001037.D
Acq On : 20 Jul 2012 12:24
Sample : CWA-4
Misc : BNA J HLM
MS Integration Params: rteint.p
Quant Time: Jul 20 13:58 2012

Vial: 4
Operator: HLM
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Multiplr: 1.00

Quant Results File: BJ072012.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Fri Jul 20 13:59:18 2012
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#2

Dimethyl Disulfide

Concen: 7.38 ug/mL

RT: 2.58 min Scan# 17

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

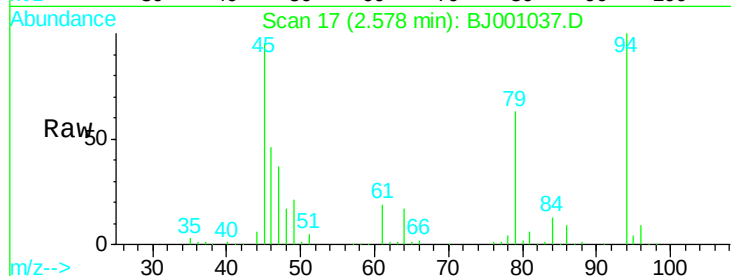
Tgt Ion: 94 Resp: 820507

Ion Ratio Lower Upper

94 100

45 95.2 75.2 115.2

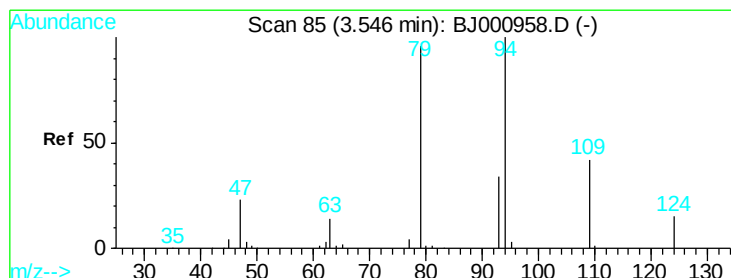
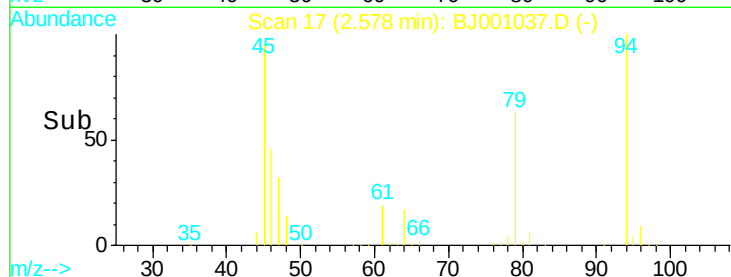
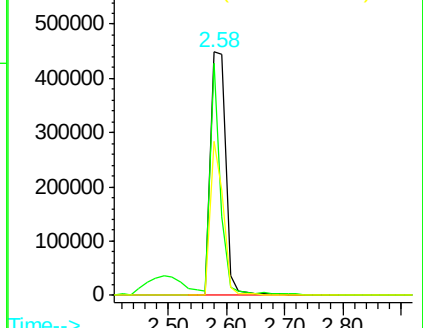
79 63.1 43.1 83.1



Abundance Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 2.15 ug/mL

RT: 3.55 min Scan# 85

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

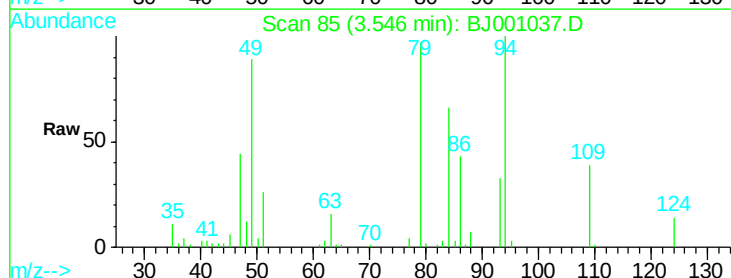
Tgt Ion: 79 Resp: 262946

Ion Ratio Lower Upper

79 100

94 103.0 83.0 123.0

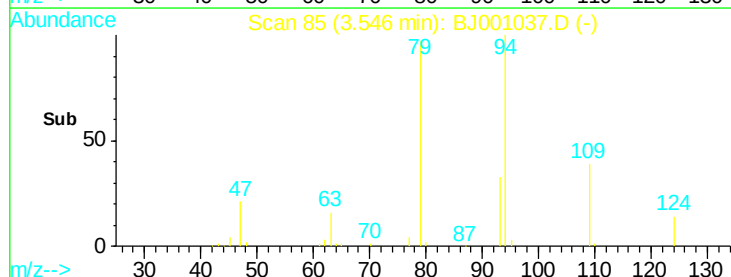
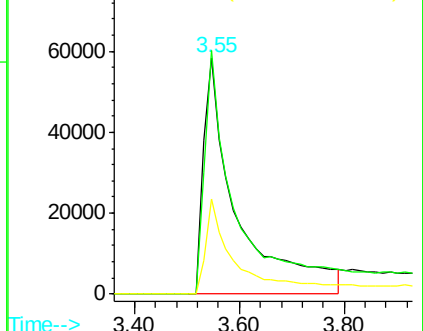
109 40.0 20.0 60.0

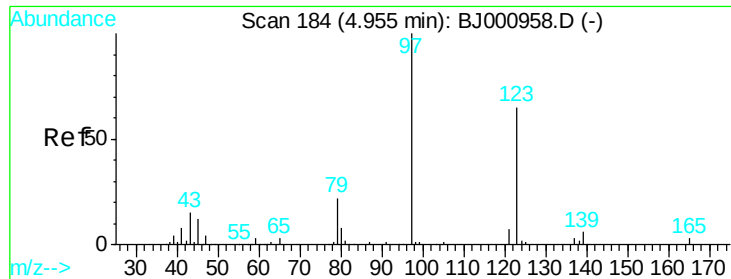


Abundance Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 2.74 ug/mL

RT: 4.94 min Scan# 183

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

Tgt Ion: 97 Resp: 766543

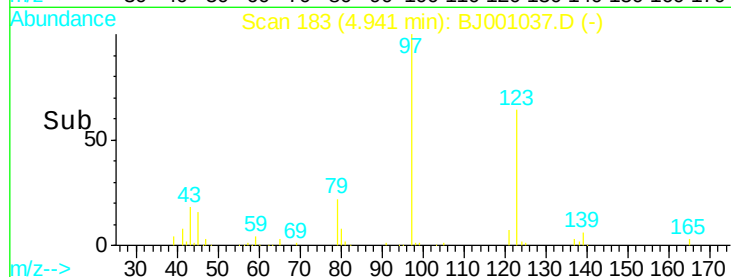
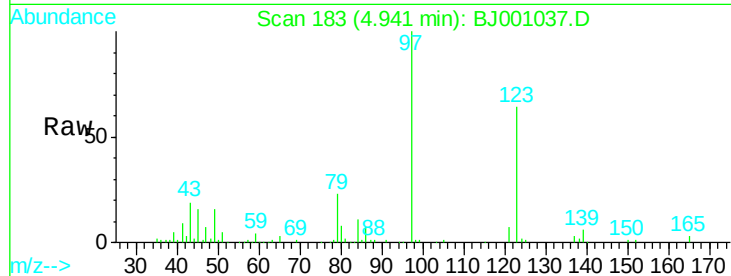
Ion Ratio Lower Upper

97 100

123 63.8 43.8 83.8

43 18.6 0.0 38.6

41 9.1 0.0 29.1



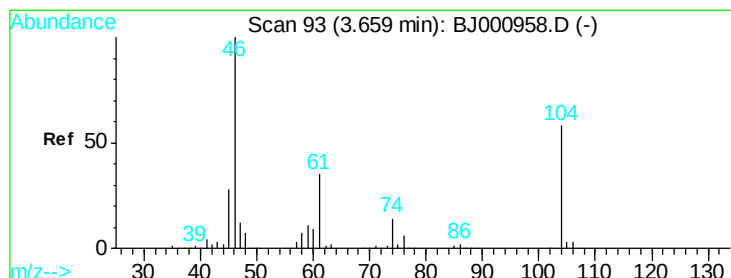
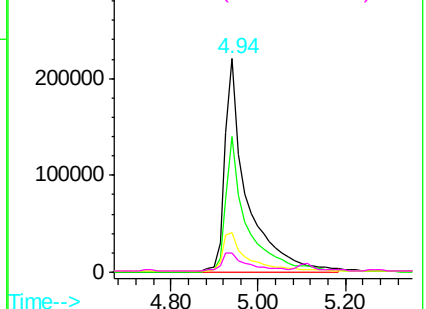
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 9.00 ug/mL

RT: 3.65 min Scan# 92

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

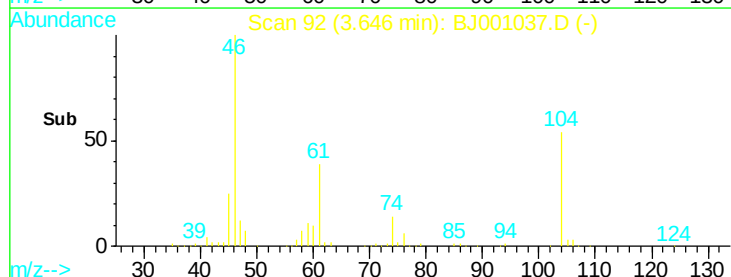
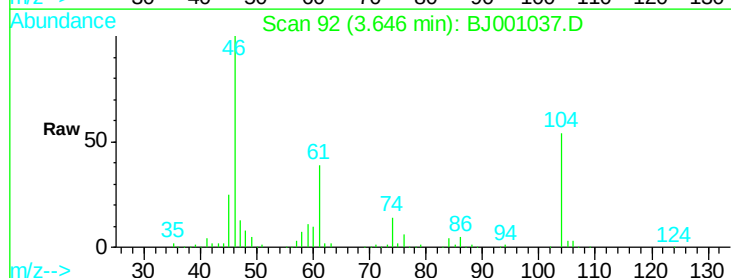
Tgt Ion: 46 Resp: 985275

Ion Ratio Lower Upper

46 100

61 39.4 19.4 59.4

104 54.1 34.1 74.1

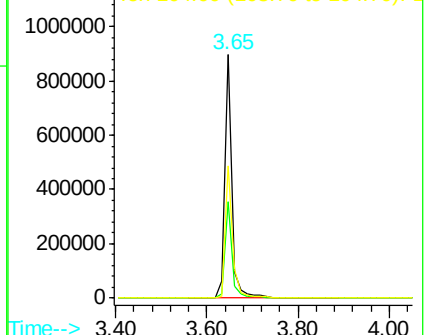


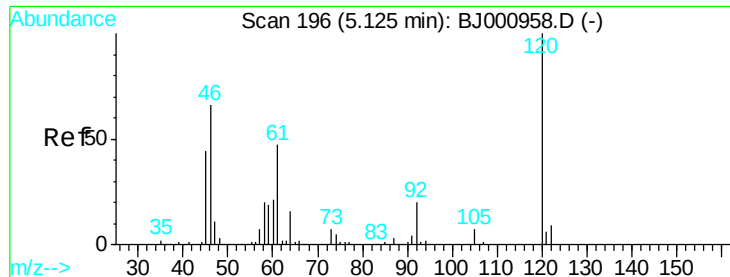
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 7.85 ug/mL

RT: 5.11 min Scan# 195

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

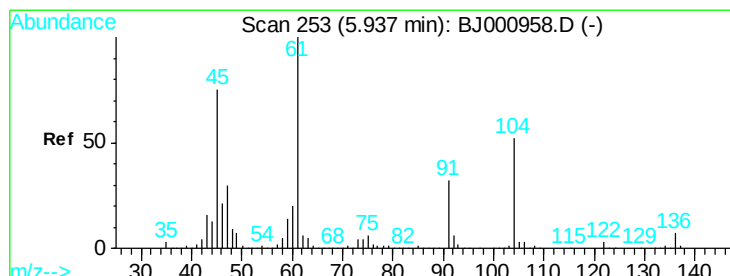
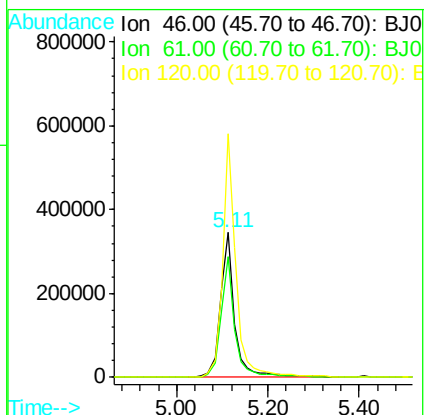
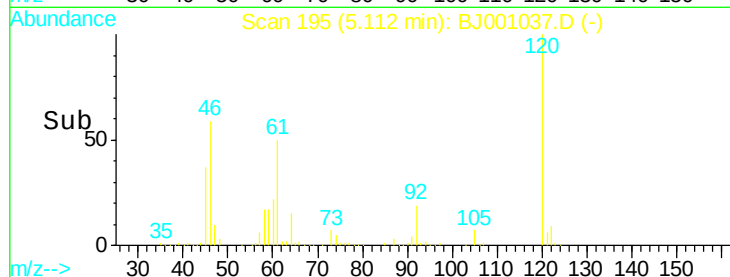
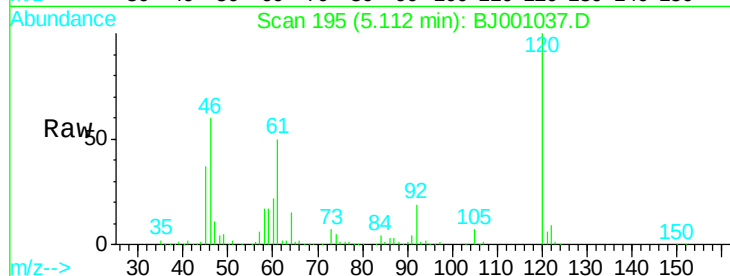
Tgt Ion: 46 Resp: 748625

Ion Ratio Lower Upper

46 100

61 83.7 63.7 103.7

120 168.0 148.0 188.0



#8

Thiodiglycol

Concen: 51.89 ug/mL

RT: 5.92 min Scan# 252

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

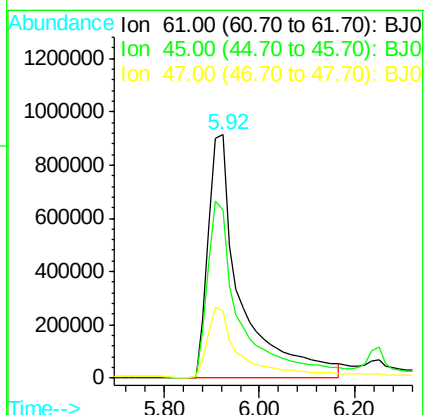
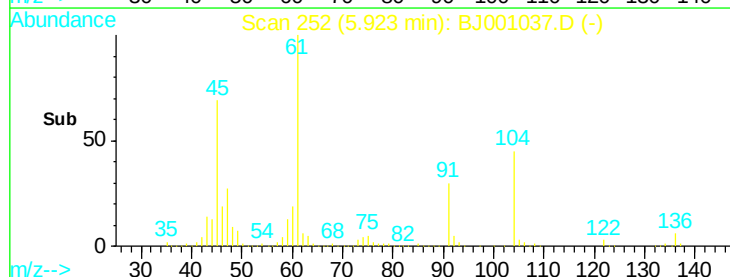
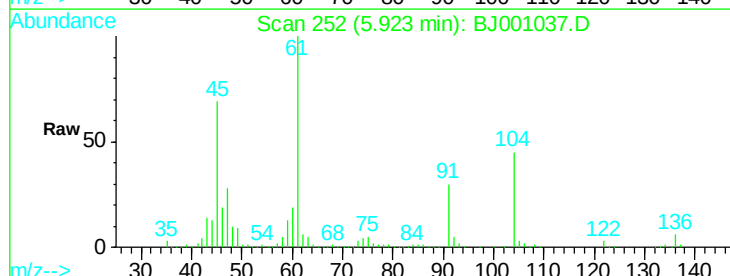
Tgt Ion: 61 Resp: 4361648

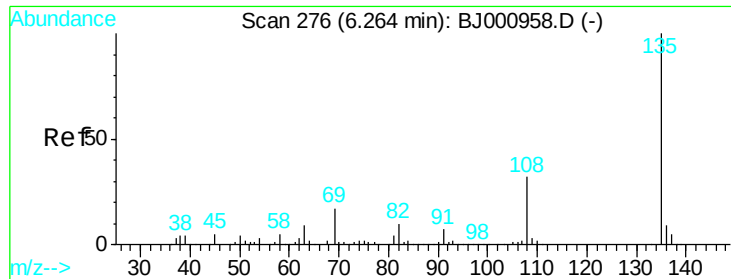
Ion Ratio Lower Upper

61 100

45 69.0 49.0 89.0

47 27.6 7.6 47.6





#9

Benzothiazole

Concen: 12.39 ug/mL

RT: 6.25 min Scan# 275

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

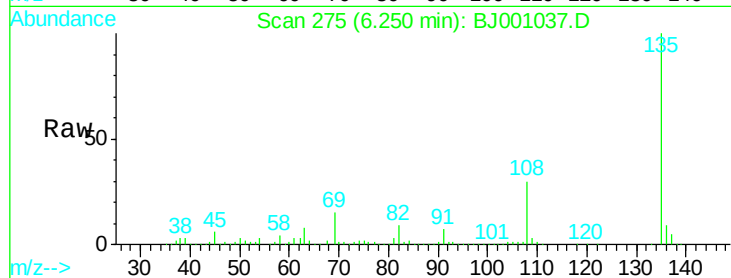
Tgt Ion:135 Resp: 4557408

Ion Ratio Lower Upper

135 100

108 29.9 9.9 49.9

69 15.1 0.0 35.1

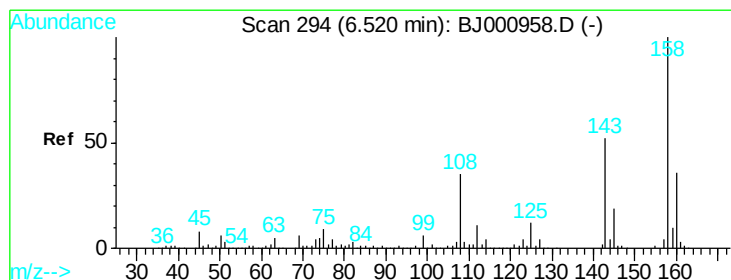
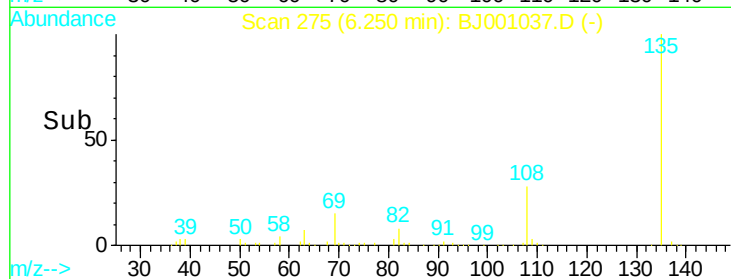
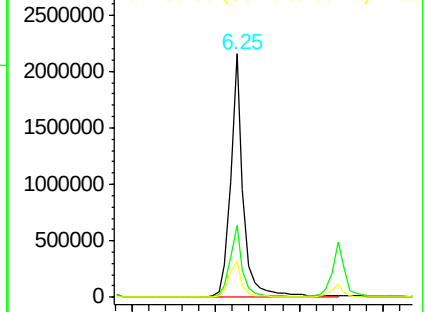


Abundance

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: 11.30 ug/mL

RT: 6.49 min Scan# 292

Delta R.T. 0.00 min

Lab File: BJ001037.D

Acq: 20 Jul 2012 12:24

Tgt Ion:158 Resp: 2611336

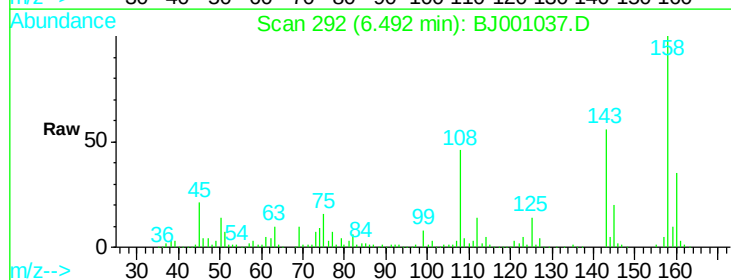
Ion Ratio Lower Upper

158 100

143 56.2 36.2 76.2

108 45.5 25.5 65.5

45 20.7 0.7 40.7



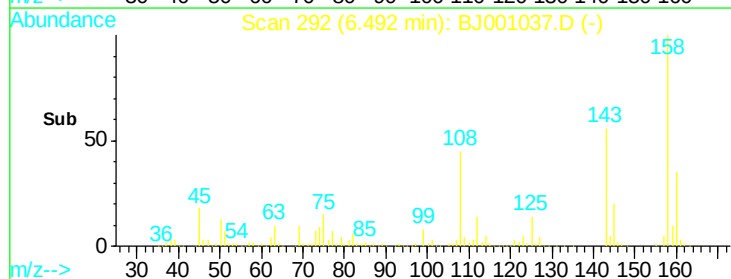
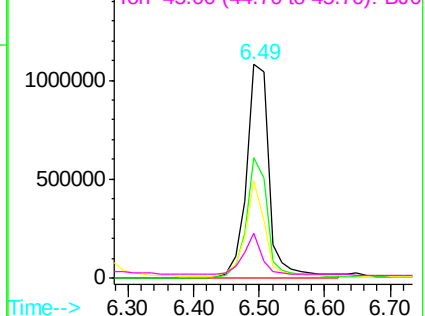
Abundance

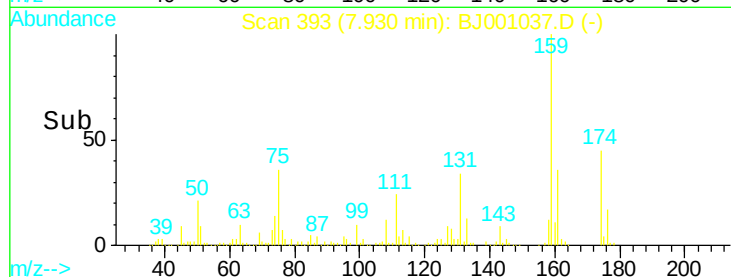
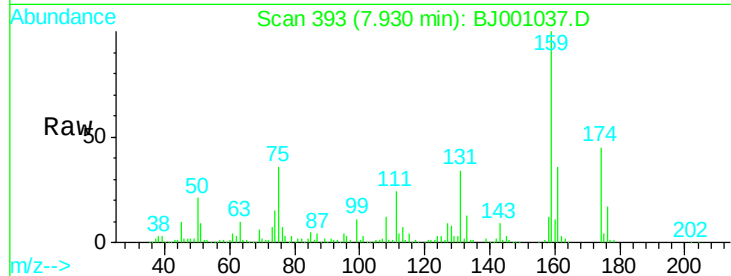
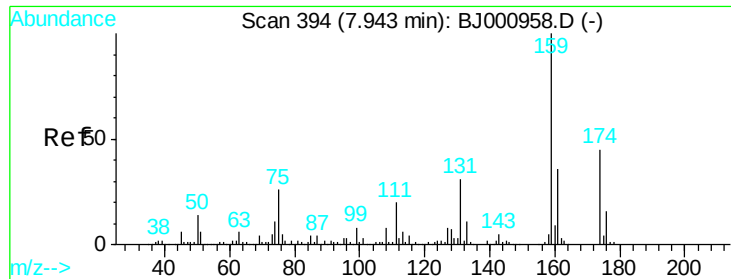
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

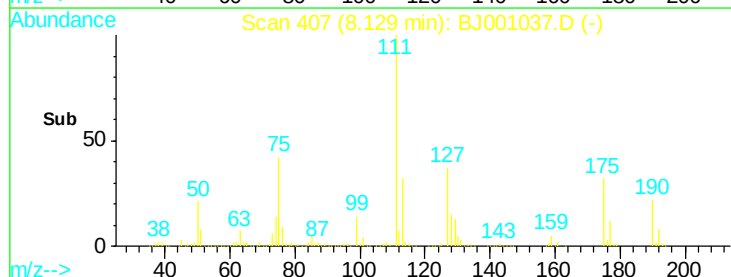
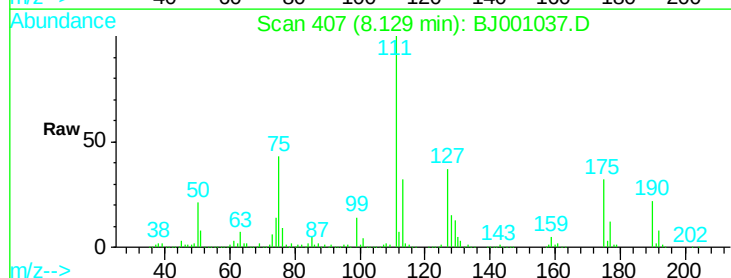
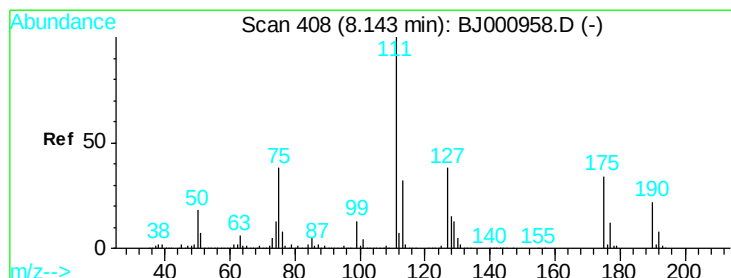
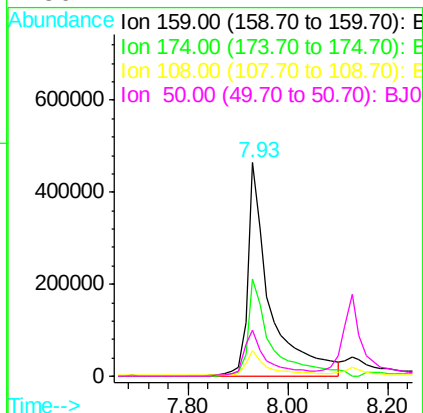
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 10.45 ug/mL
RT: 7.93 min Scan# 393
Delta R.T. 0.00 min
Lab File: BJ001037.D
Acq: 20 Jul 2012 12:24

Tgt Ion:159 Resp: 1442279
Ion Ratio Lower Upper
159 100
174 47.6 27.6 67.6
108 11.8 0.0 31.8
50 22.7 2.7 42.7



#14
p-Chlorophenylmethylsulfone
Concen: 11.56 ug/mL
RT: 8.13 min Scan# 407
Delta R.T. 0.00 min
Lab File: BJ001037.D
Acq: 20 Jul 2012 12:24

Tgt Ion:111 Resp: 2252987
Ion Ratio Lower Upper
111 100
75 42.6 22.6 62.6
127 37.2 17.2 57.2
190 22.0 2.0 42.0

