

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001038.D

Vial: 5

Acq On : 20 Jul 2012 12:42

Operator: HLM

Sample : CWA-3

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	236496	2.00	ug/mL	0.00
6) Naphthalene-d8	5.96	136	1006349	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	7.02	99	172047	0.44	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.00%
12) 2-Bromothioanisole	7.26	204	199583	2.90	ug/mL	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.00%#

Target Compounds

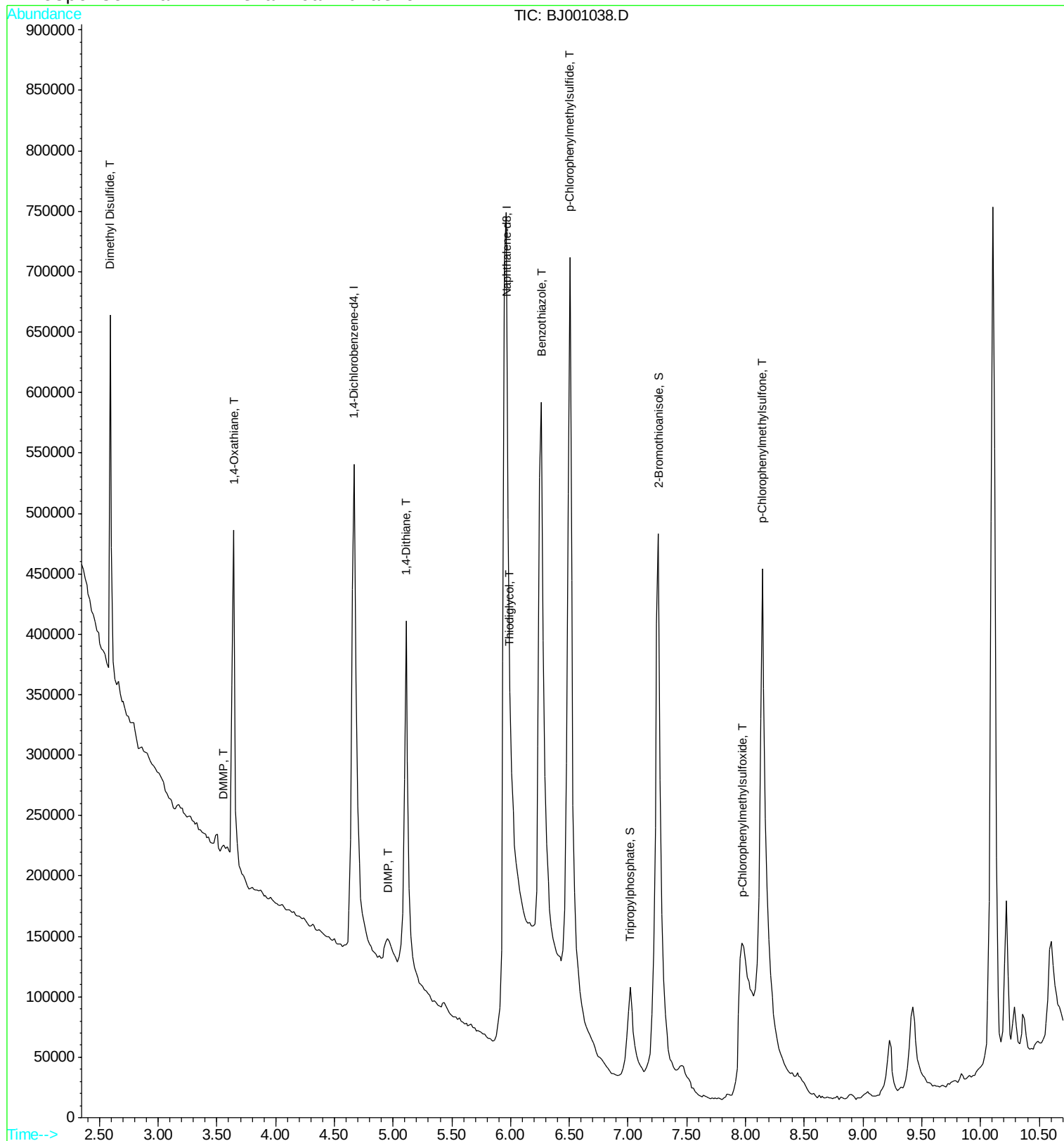
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.59	94	100526	1.25	ug/mL#	82
3) DMMP	3.56	79	22285	0.29	ug/mL	96
4) DIMP	4.95	97	79254	0.39	ug/mL	90
5) 1,4-Oxathiane	3.64	46	137754	1.74	ug/mL#	66
7) 1,4-Dithiane	5.11	46	122764	1.71	ug/mL	93
8) Thiodiglycol	5.99	61	353230	7.38	ug/mL	92
9) Benzothiazole	6.26	135	646710	2.34	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.50	158	390468	2.25	ug/mL	98
13) p-Chlorophenylmethyldisulfox	7.97	159	186809	2.05	ug/mL	94
14) p-Chlorophenylmethyldisulfon	8.14	111	346897	2.37	ug/mL	97

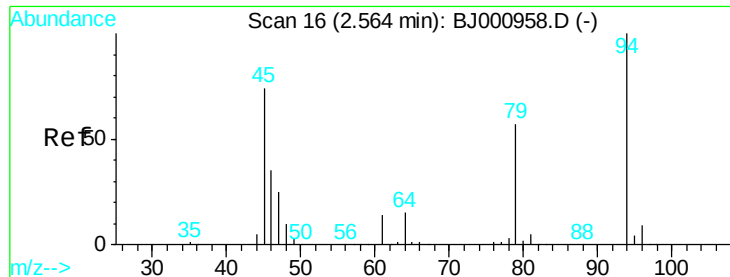
Data File : H:\VOL1\GCMSDATA\J\120720\BJ001038.D
Acq On : 20 Jul 2012 12:42
Sample : CWA-3
Misc : BNA J HLM
MS Integration Params: rteint.p
Quant Time: Jul 20 13:58 2012

Vial: 5
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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
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.25 ug/mL

RT: 2.59 min Scan# 18

Delta R.T. 0.01 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

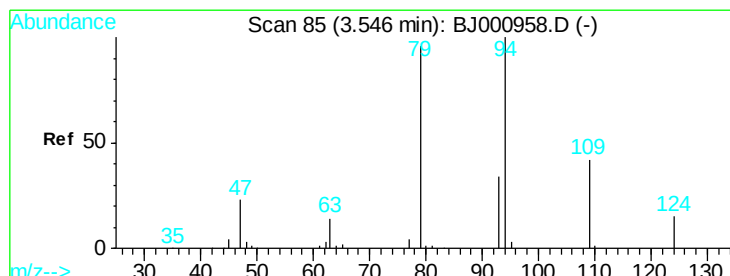
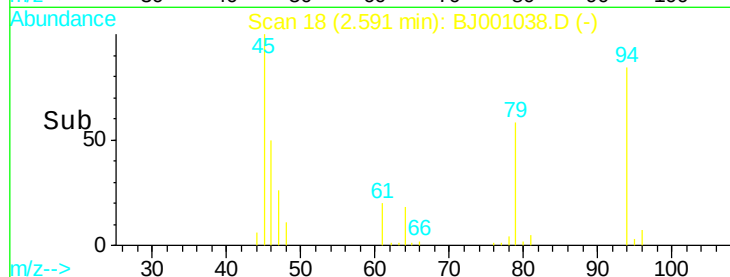
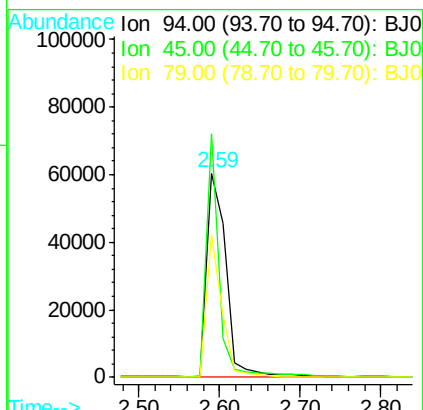
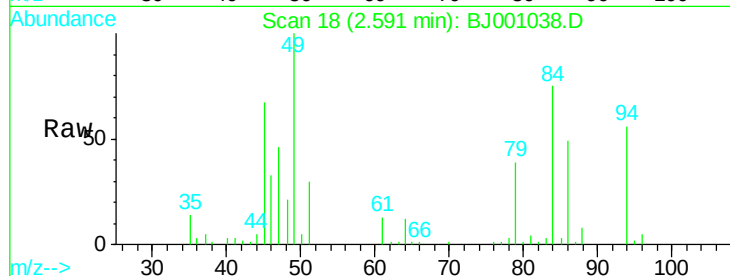
Tgt Ion: 94 Resp: 100526

Ion Ratio Lower Upper

94 100

45 119.2 75.2 115.2#

79 69.5 43.1 83.1



#3

DMMP

Concen: 0.29 ug/mL

RT: 3.56 min Scan# 86

Delta R.T. 0.01 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

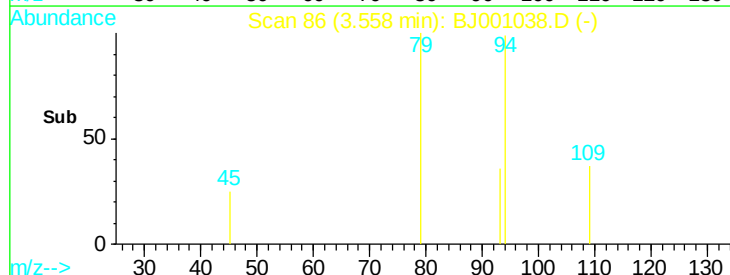
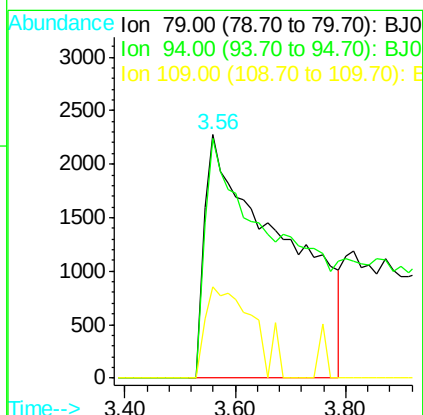
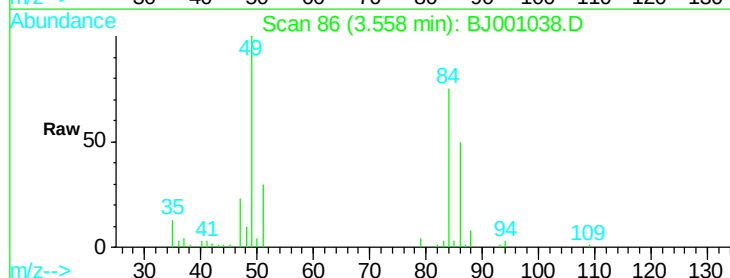
Tgt Ion: 79 Resp: 22285

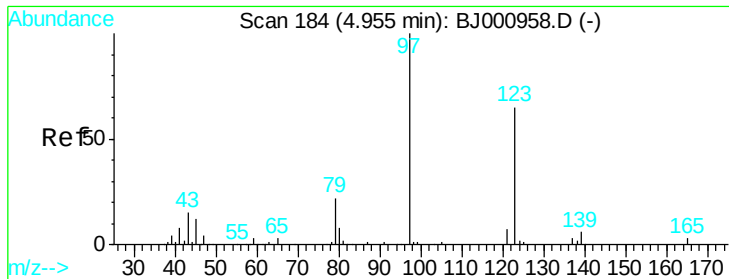
Ion Ratio Lower Upper

79 100

94 98.5 83.0 123.0

109 37.4 20.0 60.0





#4

DIMP

Concen: 0.39 ug/mL

RT: 4.95 min Scan# 184

Delta R.T. 0.01 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

Tgt Ion: 97 Resp: 79254

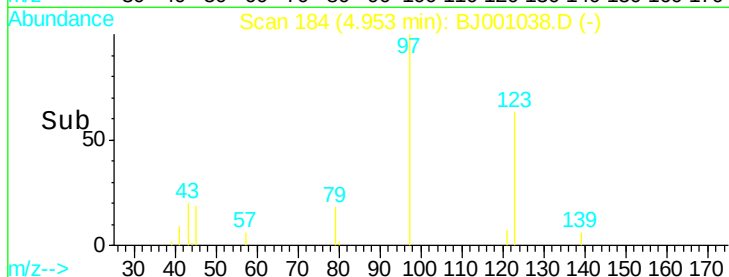
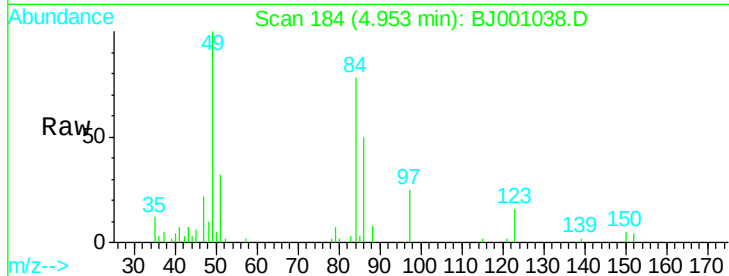
Ion Ratio Lower Upper

97 100

123 62.6 43.8 83.8

43 26.9 0.0 38.6

41 28.1 0.0 29.1



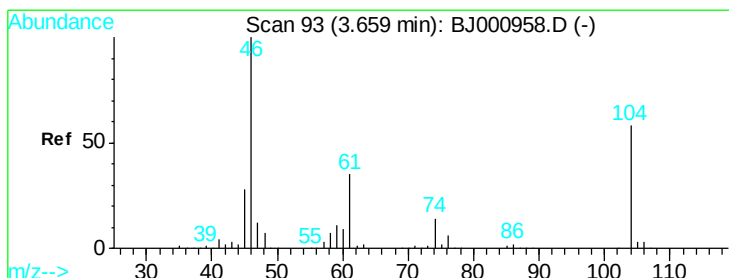
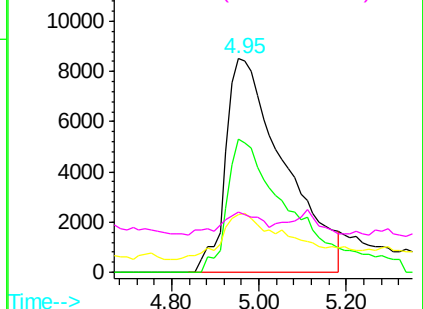
Abundance

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: 1.74 ug/mL

RT: 3.64 min Scan# 92

Delta R.T. -0.00 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

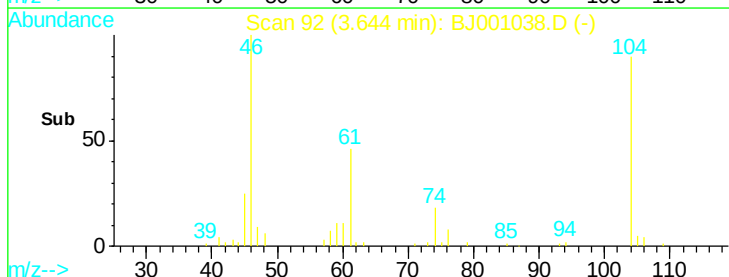
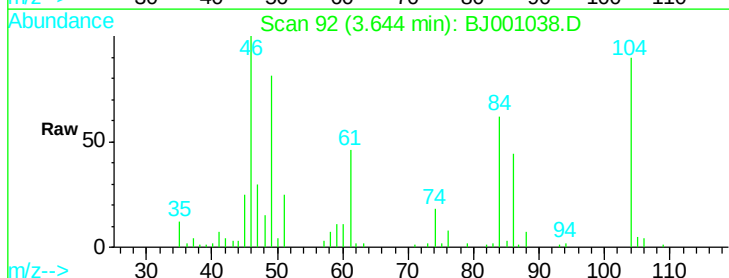
Tgt Ion: 46 Resp: 137754

Ion Ratio Lower Upper

46 100

61 46.0 19.4 59.4

104 90.4 34.1 74.1#

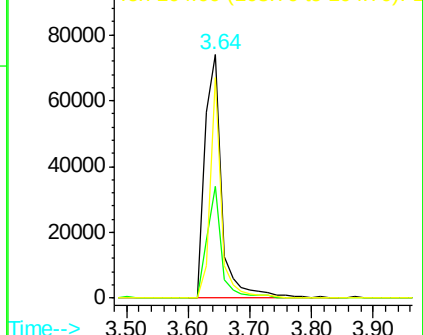


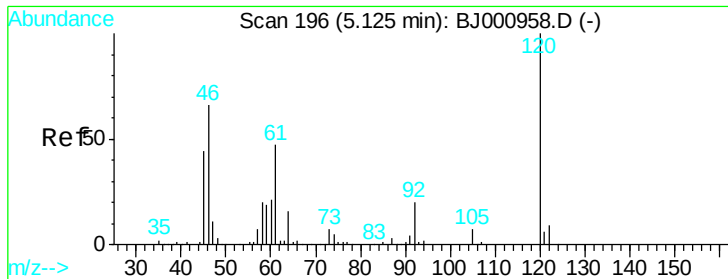
Abundance

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: 1.71 ug/mL

RT: 5.11 min Scan# 195

Delta R.T. -0.00 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

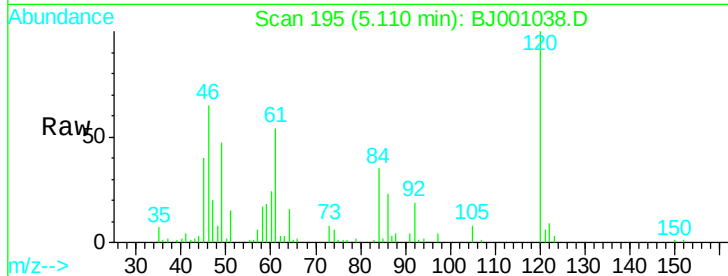
Tgt Ion: 46 Resp: 122764

Ion Ratio Lower Upper

46 100

61 82.8 63.7 103.7

120 153.5 148.0 188.0

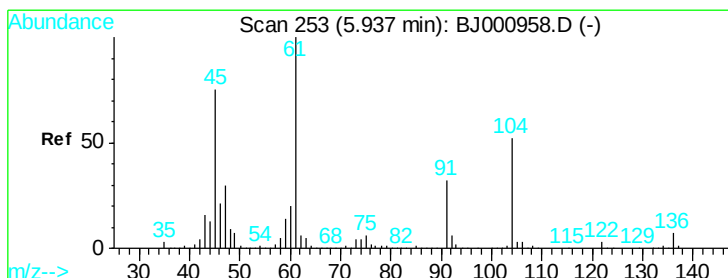
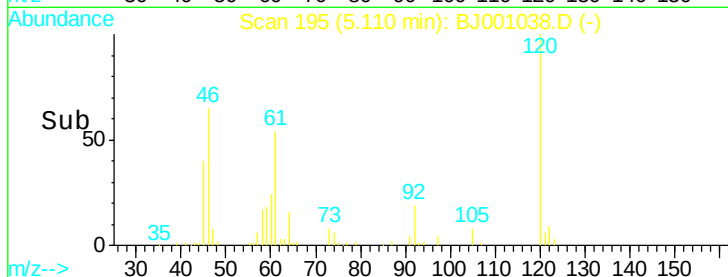
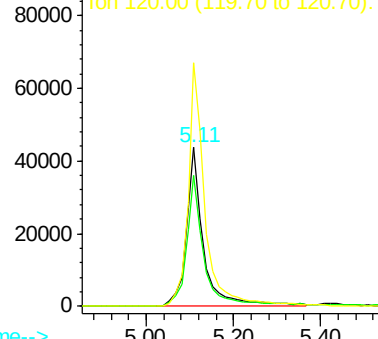


Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



#8

Thiodiglycol

Concen: 7.38 ug/mL

RT: 5.99 min Scan# 257

Delta R.T. 0.07 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

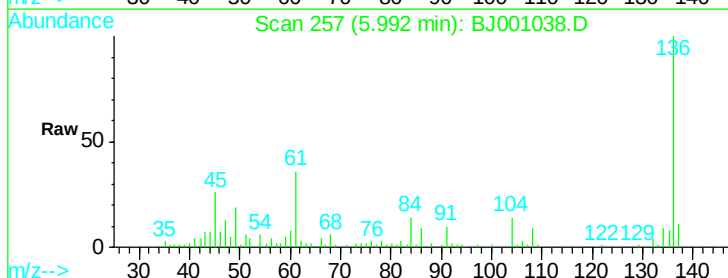
Tgt Ion: 61 Resp: 353230

Ion Ratio Lower Upper

61 100

45 72.7 49.0 89.0

47 36.3 7.6 47.6

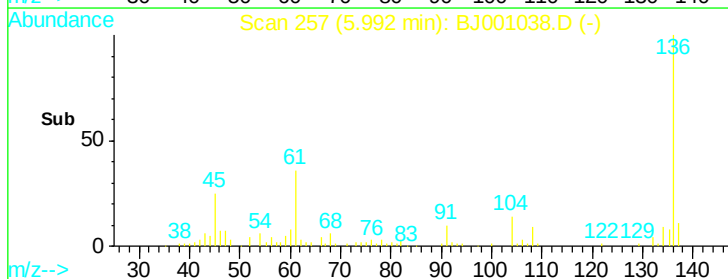
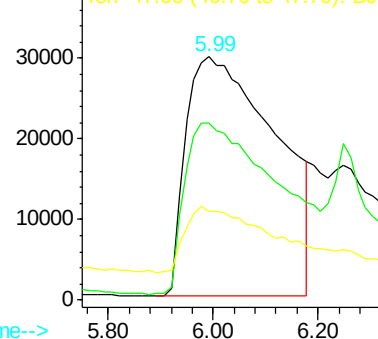


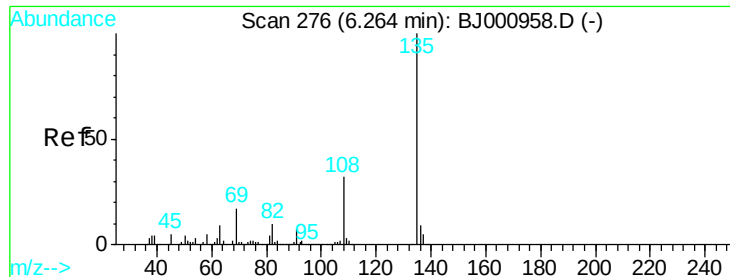
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 2.34 ug/mL

RT: 6.26 min Scan# 276

Delta R.T. 0.01 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

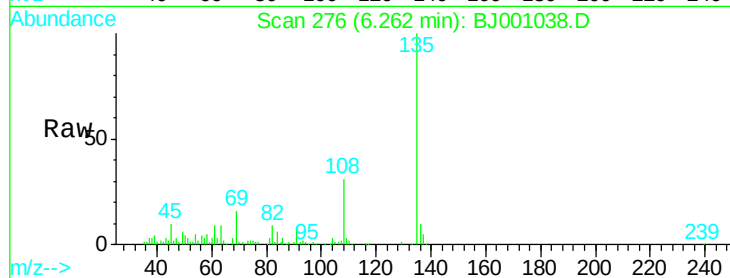
Tgt Ion:135 Resp: 646710

Ion Ratio Lower Upper

135 100

108 31.3 9.9 49.9

69 16.3 0.0 35.1

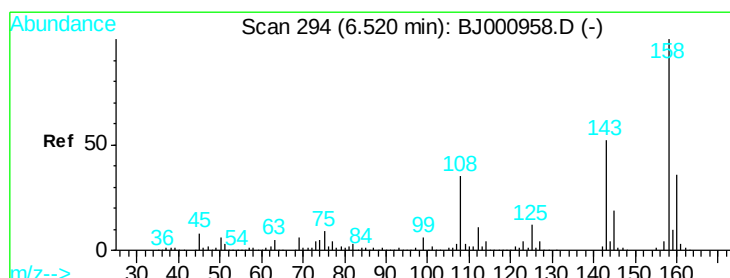
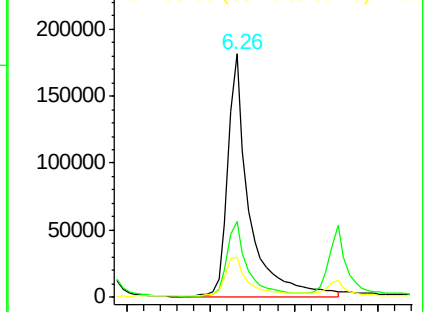
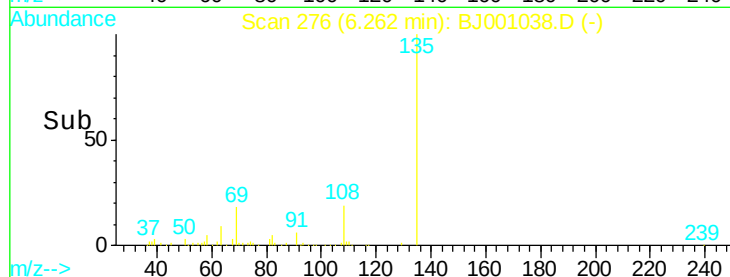


Abundance

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: 2.25 ug/mL

RT: 6.50 min Scan# 293

Delta R.T. 0.01 min

Lab File: BJ001038.D

Acq: 20 Jul 2012 12:42

Tgt Ion:158 Resp: 390468

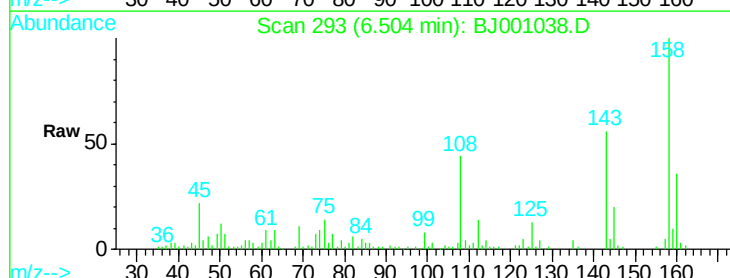
Ion Ratio Lower Upper

158 100

143 55.6 36.2 76.2

108 44.5 25.5 65.5

45 22.3 0.7 40.7



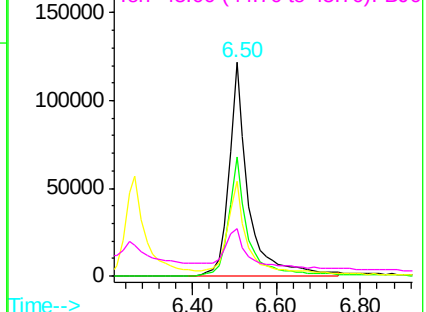
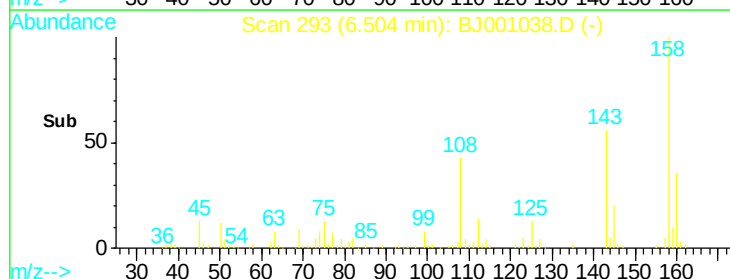
Abundance

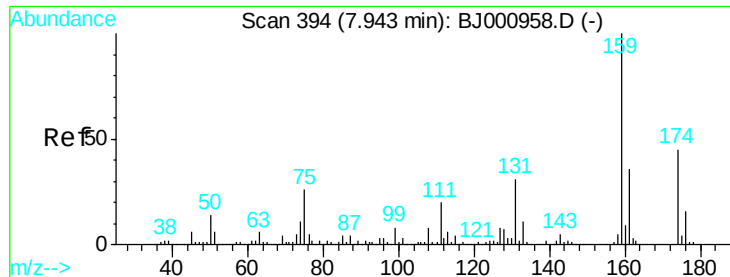
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

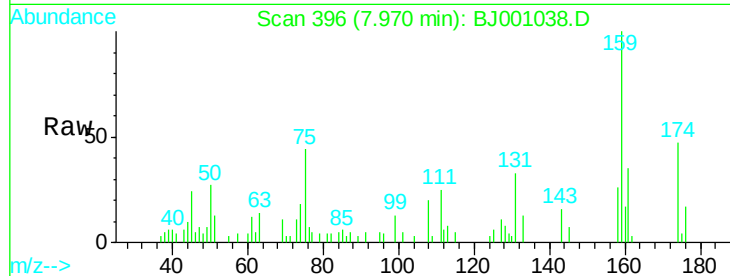
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 2.05 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. 0.04 min
Lab File: BJ001038.D
Acq: 20 Jul 2012 12:42

Tgt Ion:	159	Resp:	186809
Ion	Ratio	Lower	Upper
159	100		
174	45.1	27.6	67.6
108	17.4	0.0	31.8
50	19.3	2.7	42.7



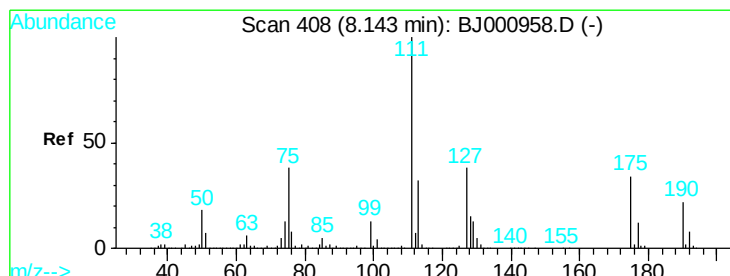
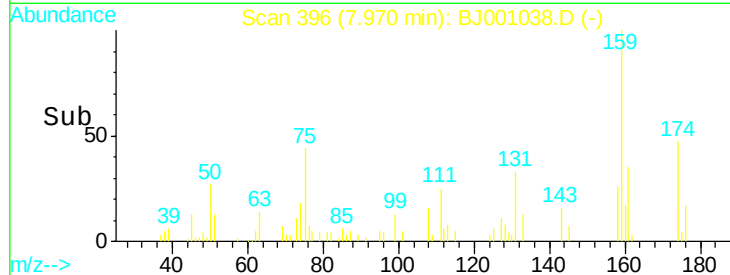
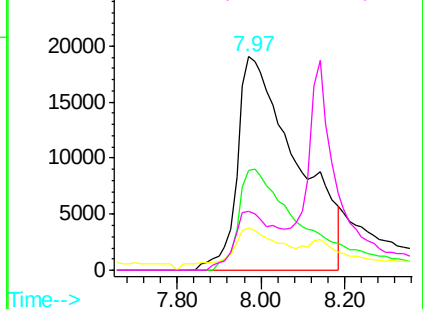
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

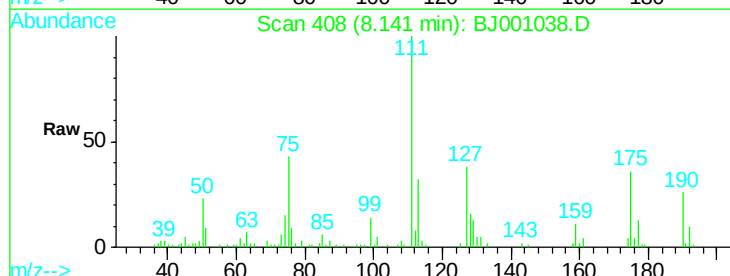
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 2.37 ug/mL
RT: 8.14 min Scan# 408
Delta R.T. 0.01 min
Lab File: BJ001038.D
Acq: 20 Jul 2012 12:42

Tgt Ion:	111	Resp:	346897
Ion	Ratio	Lower	Upper
111	100		
75	43.5	22.6	62.6
127	37.6	17.2	57.2
190	26.5	2.0	42.0



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

