

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000758.D

Vial: 7

Acq On : 17 Apr 2012 14:52

Operator: HLM

Sample : CWA-1

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 17 16:50 2012

Quant Results File: BJ041712.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Tue Apr 17 16:51:03 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.75	152	291571	2.00	ug/mL	0.01
6) Naphthalene-d8	6.05	136	1182113	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	37198	0.09	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	18.00%#
12) 2-Bromothioanisole	7.34	204	40761	0.53	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	10.60%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.69	94	28436	0.21	ug/mL 98
3) DMMP	3.61	79	4389	0.07	ug/mL 91
4) DIMP	5.01	97	16202	0.07	ug/mL 86
5) 1,4-Oxathiane	3.71	46	24617	0.24	ug/mL 93
7) 1,4-Dithiane	5.19	46	18886	0.22	ug/mL 94
8) Thiodiglycol	6.03	61	33228	2.33	ug/mL 95
9) Benzothiazole	6.34	135	146891	0.46	ug/mL 98
11) p-Chlorophenylmethyldisulfide	6.59	158	114517	0.60	ug/mL 85
13) p-Chlorophenylmethyldisulfox	8.02	159	23270	0.21	ug/mL 80
14) p-Chlorophenylmethyldisulfon	8.21	111	78659	0.45	ug/mL 92

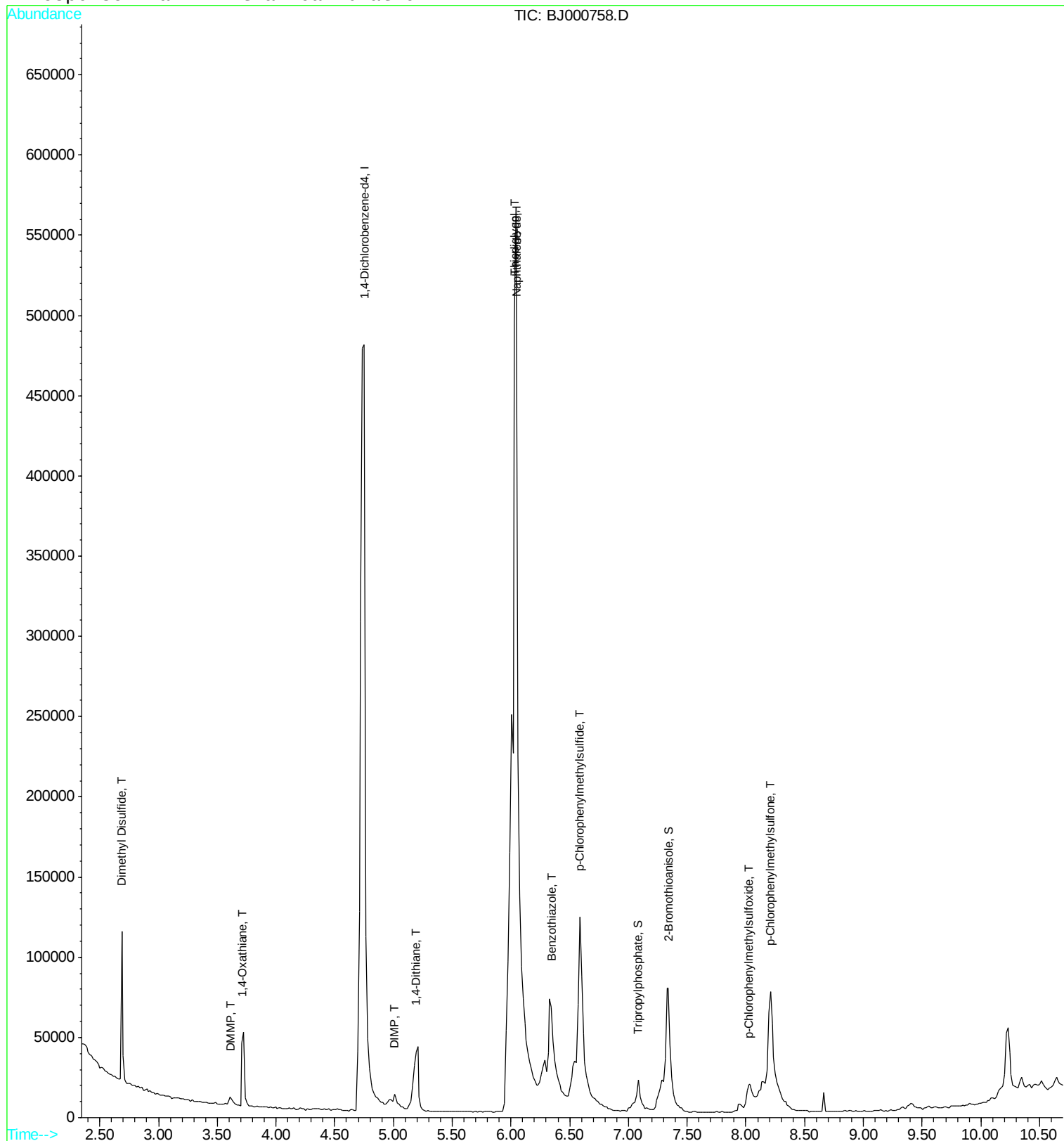
Quantitation Report

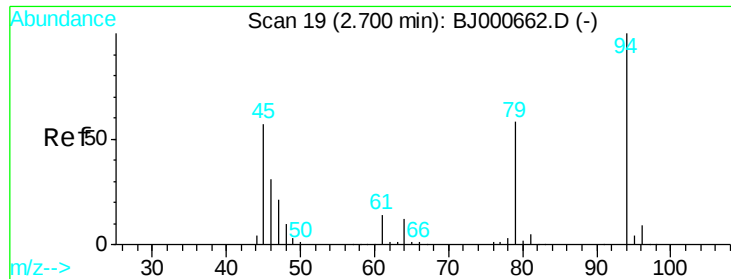
Data File : H:\VOL1\GCMSDATA\J\120417\BJ000758.D
 Acq On : 17 Apr 2012 14:52
 Sample : CWA-1
 Misc : BNA J HLM
 MS Integration Params: rteint.p
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Vial: 7
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 Title : CWA degradation products by GCMS
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#2

Dimethyl Disulfide

Concen: 0.21 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.04 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

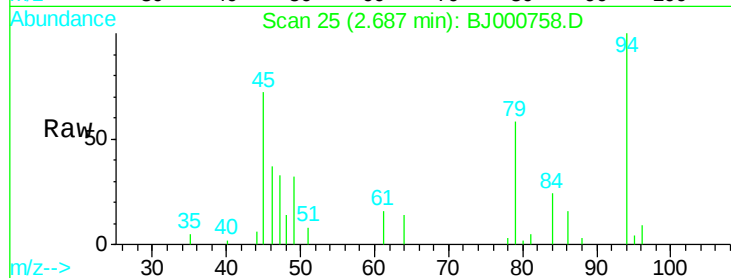
Tgt Ion: 94 Resp: 28436

Ion Ratio Lower Upper

94 100

45 72.0 54.7 94.7

79 58.4 38.8 78.8

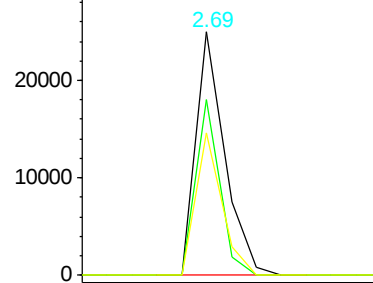


Abundance

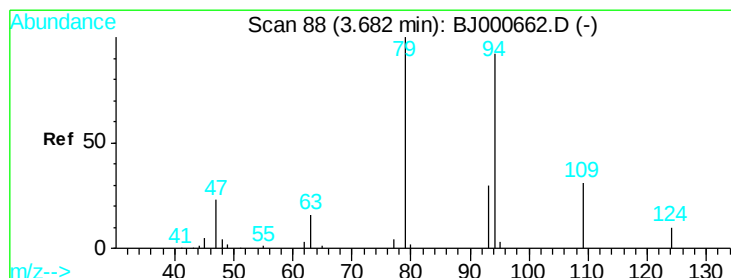
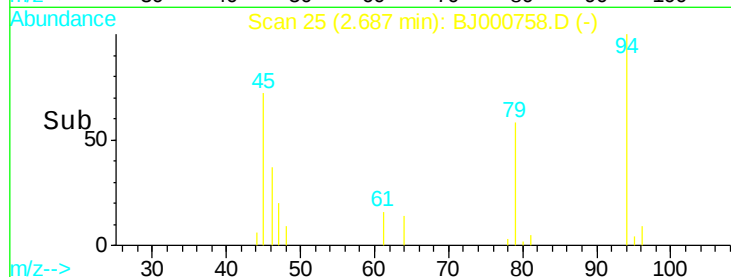
Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



Time-->



#3

DMMP

Concen: 0.07 ug/mL

RT: 3.61 min Scan# 90

Delta R.T. 0.01 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

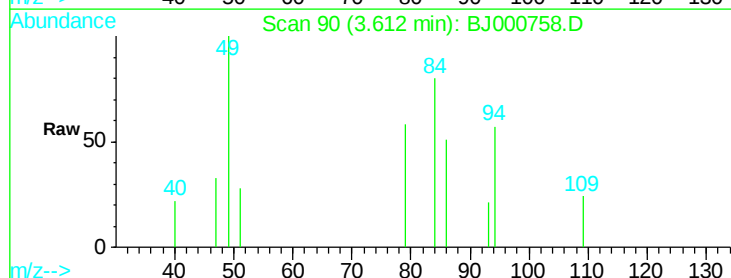
Tgt Ion: 79 Resp: 4389

Ion Ratio Lower Upper

79 100

94 98.2 88.2 128.2

109 40.7 24.6 64.6

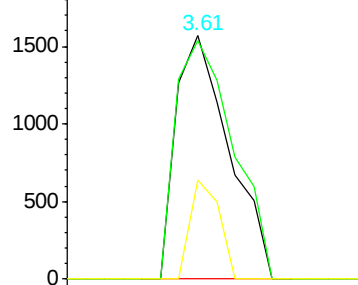


Abundance

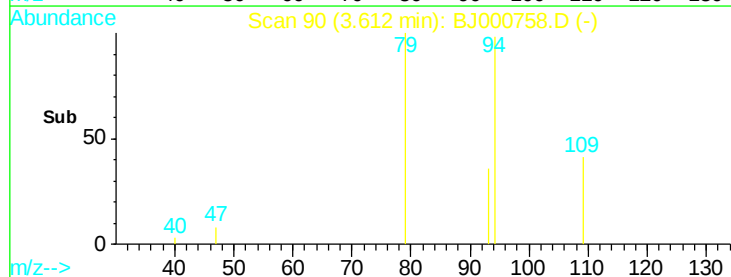
Ion 79.00 (78.70 to 79.70): BJ0

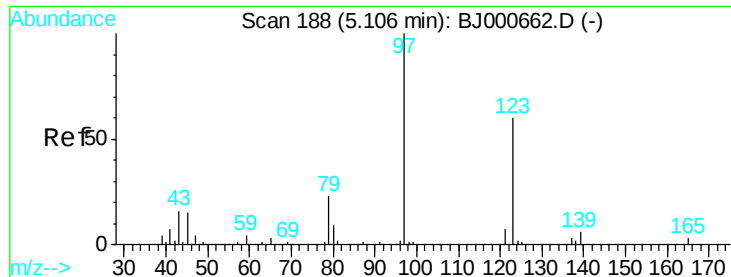
Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



Time-->





#4

DIMP

Concen: 0.07 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. 0.00 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

Tgt Ion: 97 Resp: 16202

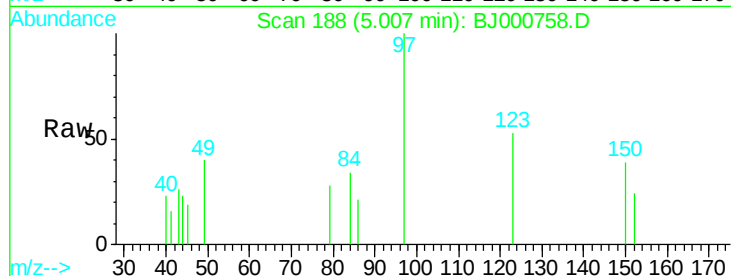
Ion Ratio Lower Upper

97 100

123 53.3 41.1 81.1

43 26.3 0.0 36.9

41 16.0 0.0 28.2



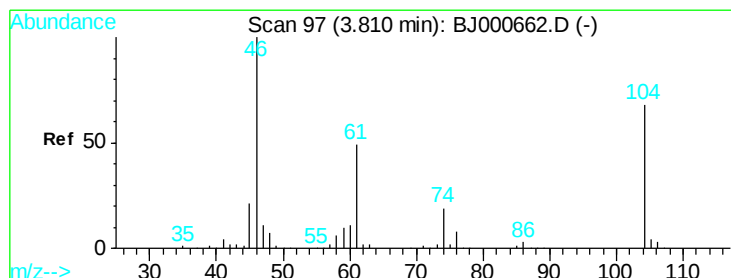
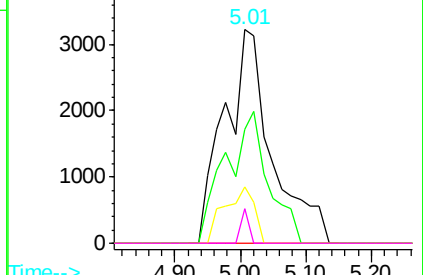
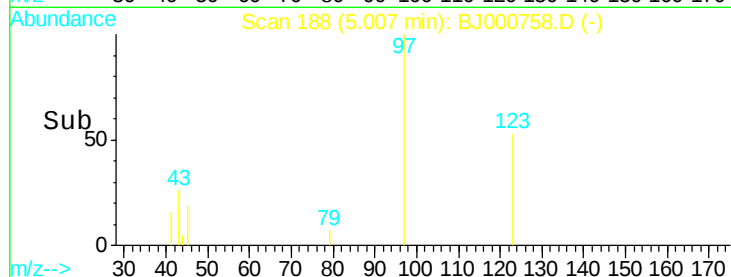
Abundance

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: 0.24 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. 0.00 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

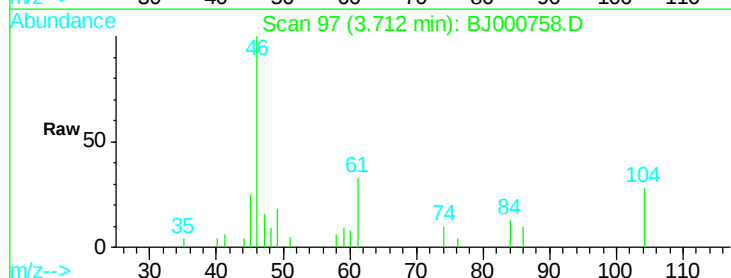
Tgt Ion: 46 Resp: 24617

Ion Ratio Lower Upper

46 100

61 32.6 13.9 53.9

104 27.5 14.6 54.6

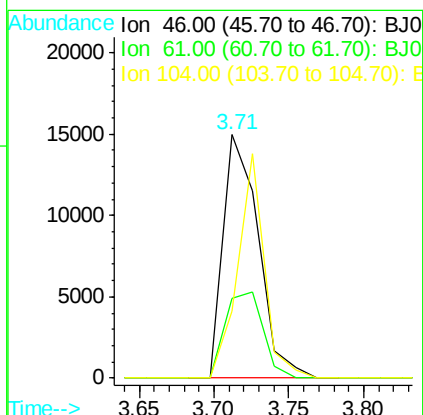
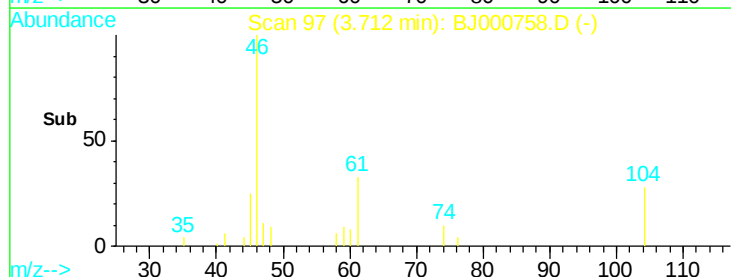


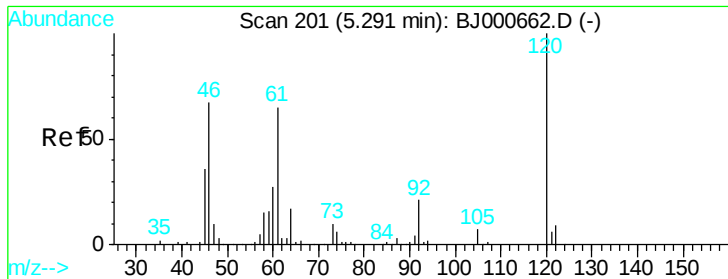
Abundance

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: 0.22 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

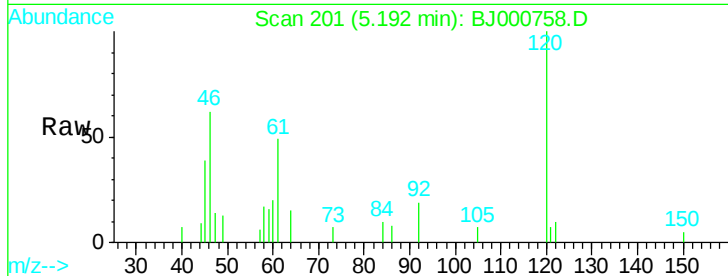
Tgt Ion: 46 Resp: 18886

Ion Ratio Lower Upper

46 100

61 79.1 61.1 101.1

120 161.0 152.3 192.3

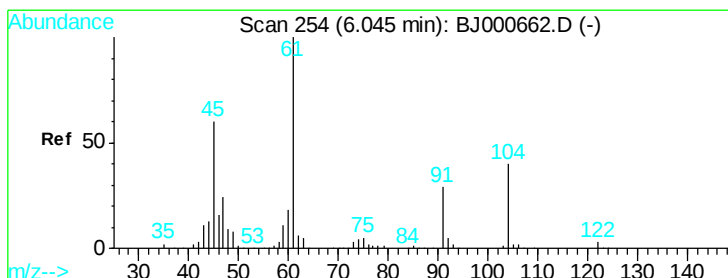
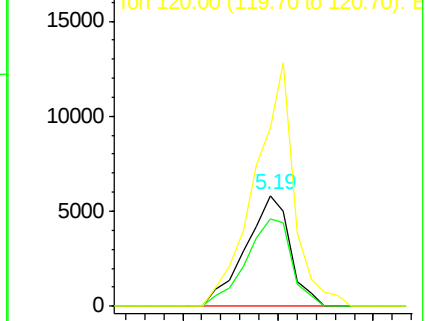
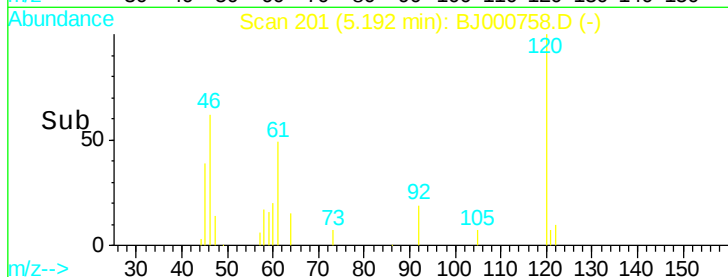


Abundance

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: 2.33 ug/mL

RT: 6.03 min Scan# 260

Delta R.T. 0.09 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

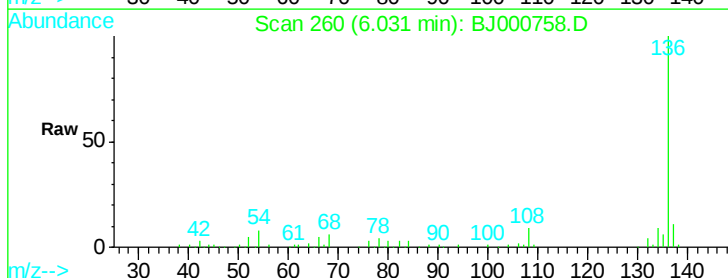
Tgt Ion: 61 Resp: 33228

Ion Ratio Lower Upper

61 100

45 77.5 53.3 93.3

47 31.6 9.3 49.3

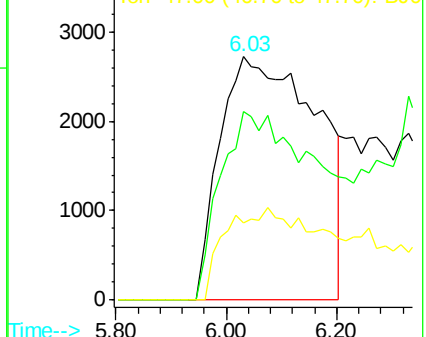
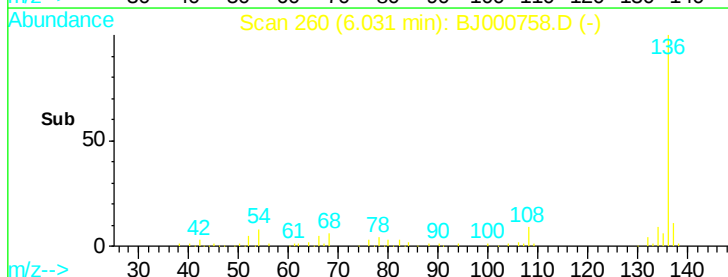


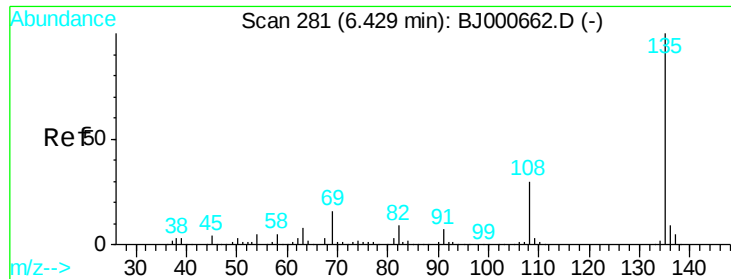
Abundance

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: 0.46 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. 0.01 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

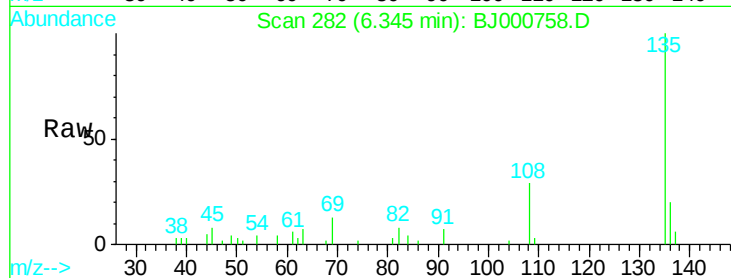
Tgt Ion:135 Resp: 146891

Ion Ratio Lower Upper

135 100

108 29.0 9.9 49.9

69 13.0 0.0 32.5

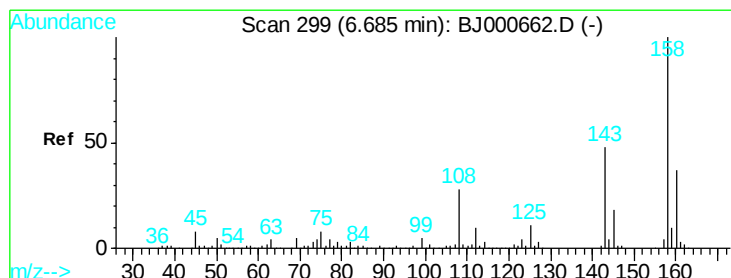
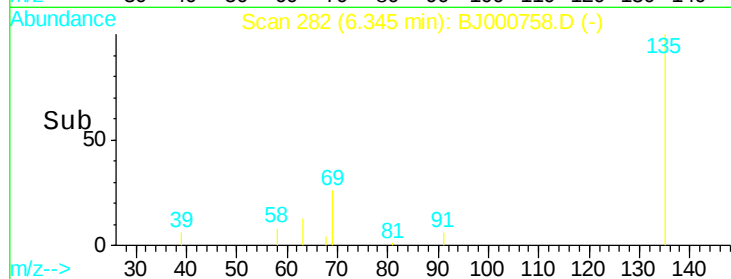
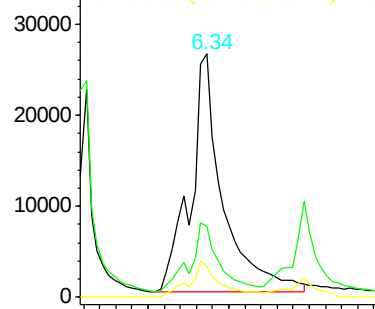


Abundance

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: 0.60 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000758.D

Acq: 17 Apr 2012 14:52

Tgt Ion:158 Resp: 114517

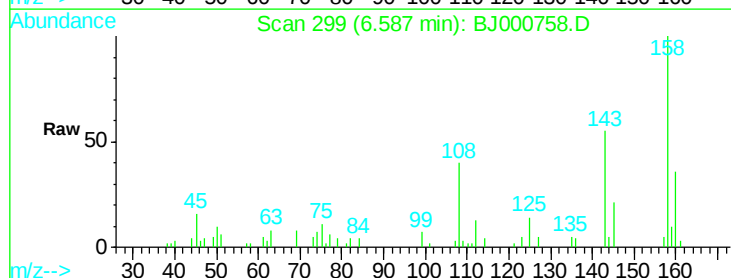
Ion Ratio Lower Upper

158 100

143 55.3 28.9 68.9

108 40.4 8.9 48.9

45 15.7 0.0 27.0



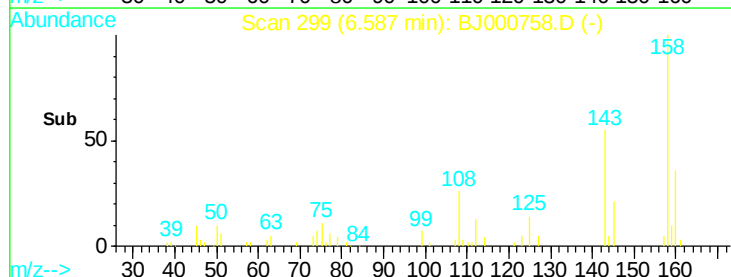
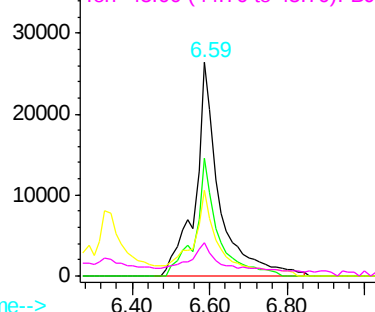
Abundance

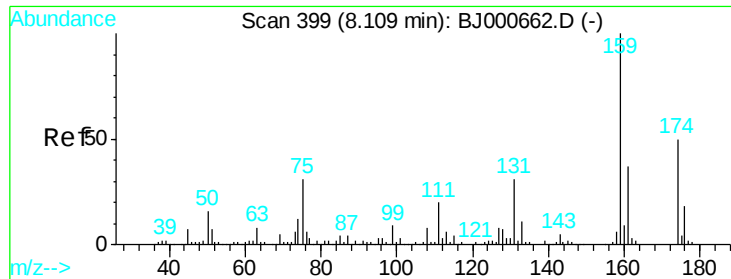
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

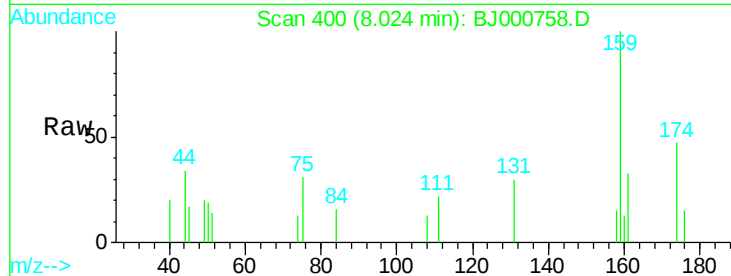
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.21 ug/mL
RT: 8.02 min Scan# 400
Delta R.T. 0.03 min
Lab File: BJ000758.D
Acq: 17 Apr 2012 14:52

Tgt Ion:	159	Resp:	23270
Ion	Ratio	Lower	Upper
159	100		
174	66.7	27.3	67.3
108	6.3	0.0	28.2
50	15.6	0.0	36.4



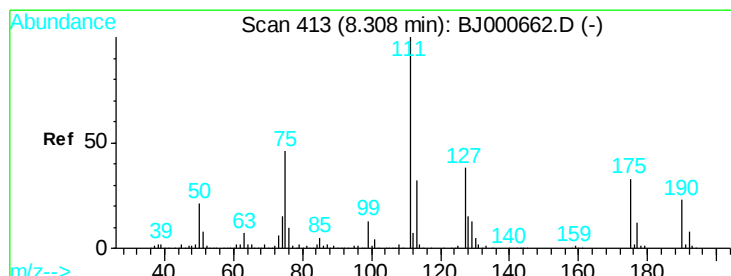
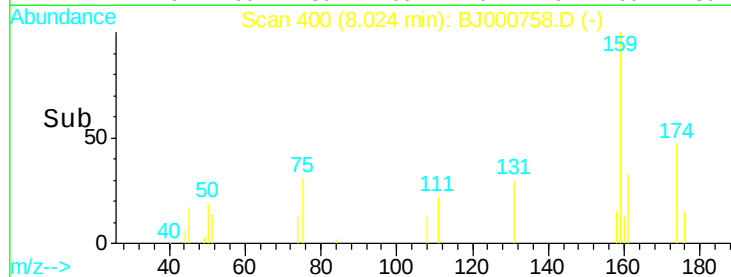
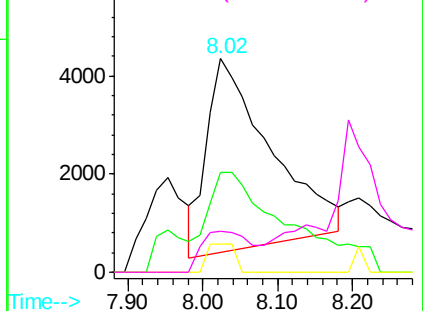
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

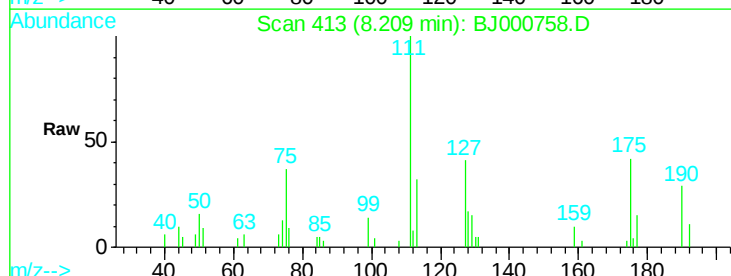
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.45 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. 0.01 min
Lab File: BJ000758.D
Acq: 17 Apr 2012 14:52

Tgt Ion:	111	Resp:	78659
Ion	Ratio	Lower	Upper
111	100		
75	36.7	20.1	60.1
127	41.2	18.5	58.5
190	28.9	0.0	39.5



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

