

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001039.D

Vial: 6

Acq On : 20 Jul 2012 13:00

Operator: HLM

Sample : CWA-2

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	4.68	152	254466	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	1049942	2.00	ug/mL	0.02

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	63229	0.15	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	30.00%#
12) 2-Bromothioanisole	7.27	204	78386	1.09	ug/mL	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	21.80%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.60	94	42653	0.49	ug/mL 93
4) DIMP	5.01	97	13785	0.06	ug/mL# 60
5) 1,4-Oxathiane	3.64	46	63322	0.75	ug/mL 97
7) 1,4-Dithiane	5.12	46	48170	0.64	ug/mL 99
9) Benzothiazole	6.29	135	244698	0.85	ug/mL 96
11) p-Chlorophenylmethyldisulfid	6.53	158	156898	0.87	ug/mL 95
13) p-Chlorophenylmethyldisulfox	8.04	159	57932	0.65	ug/mL# 79
14) p-Chlorophenylmethyldisulfon	8.15	111	153052	1.00	ug/mL 96

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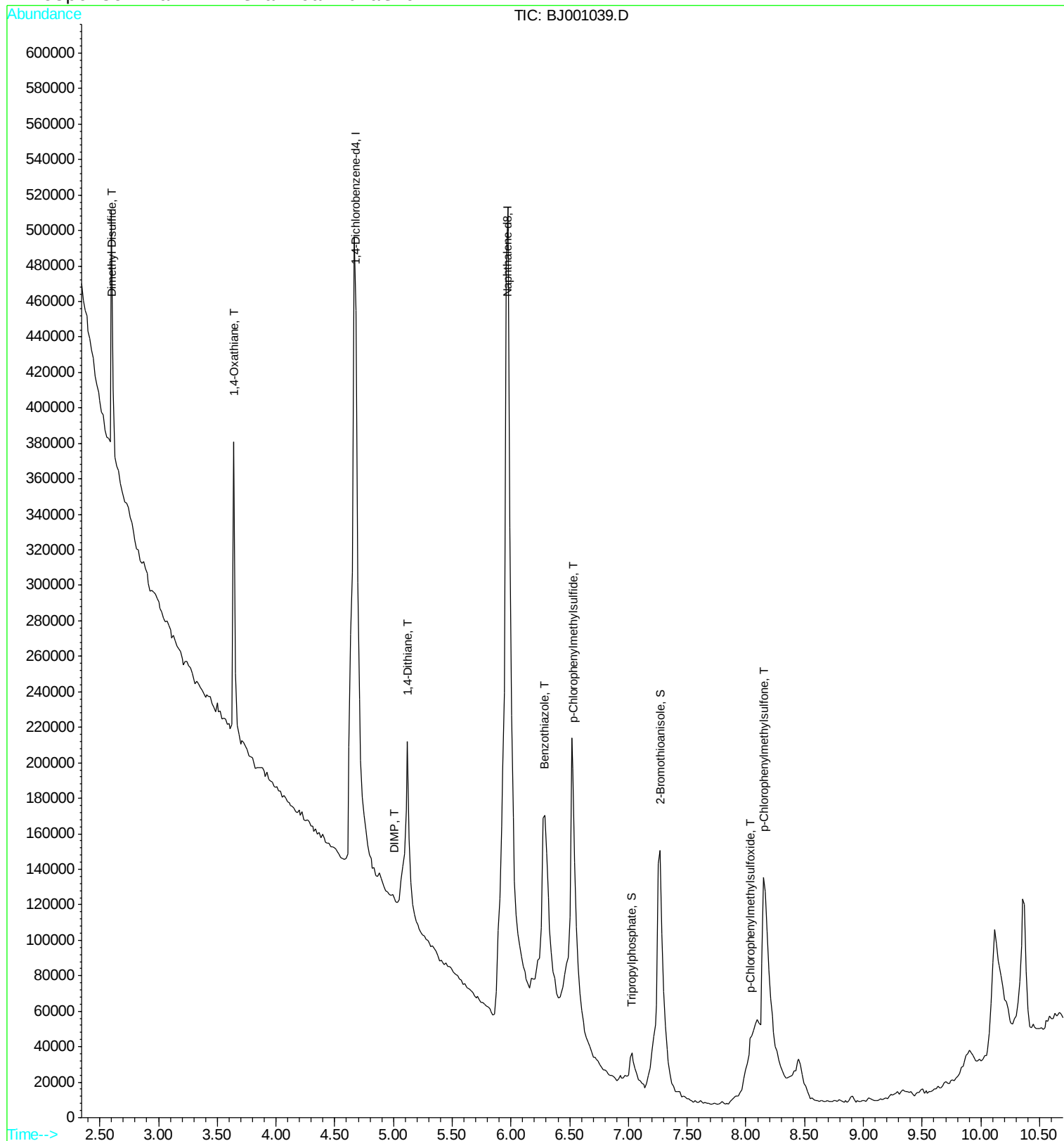
Quant Results File: BJ072012.RES

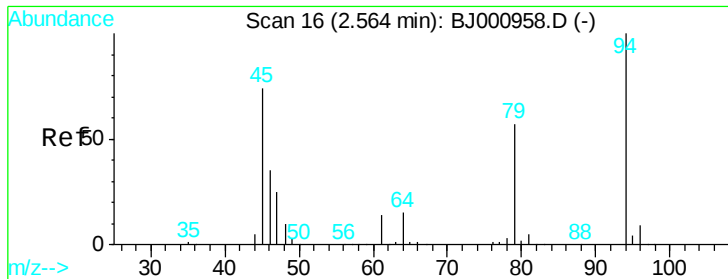
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

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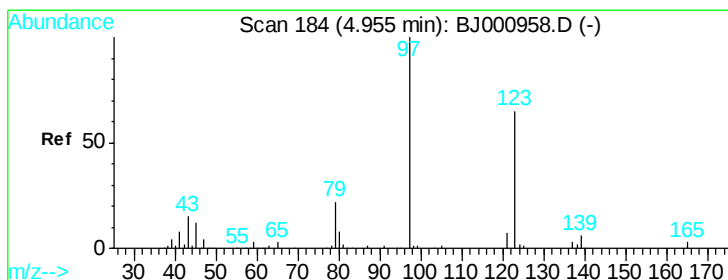
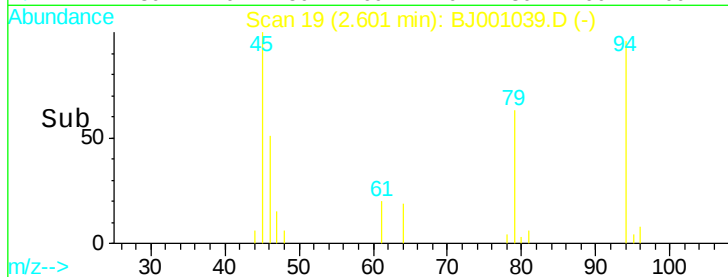
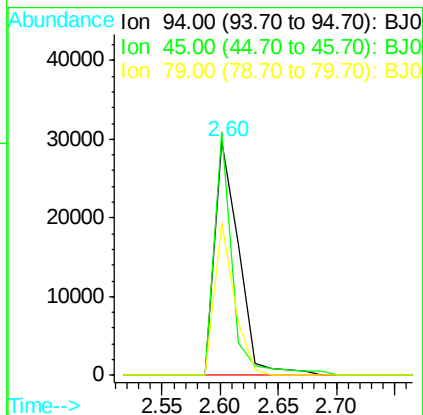
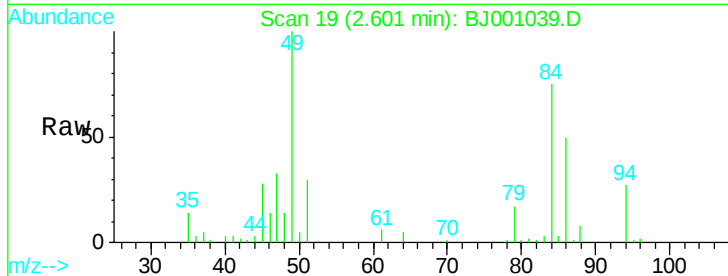




#2

Dimethyl Disulfide
 Concen: 0.49 ug/mL
 RT: 2.60 min Scan# 19
 Delta R.T. 0.02 min
 Lab File: BJ001039.D
 Acq: 20 Jul 2012 13:00

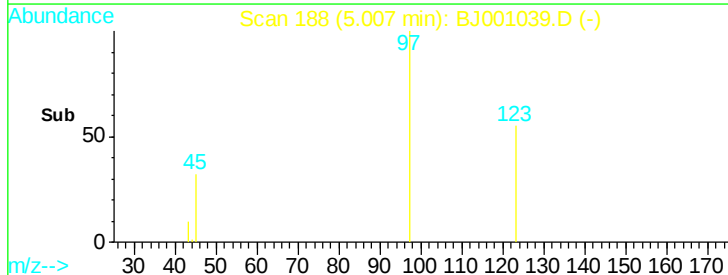
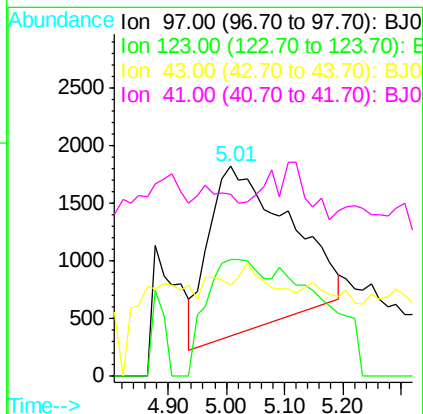
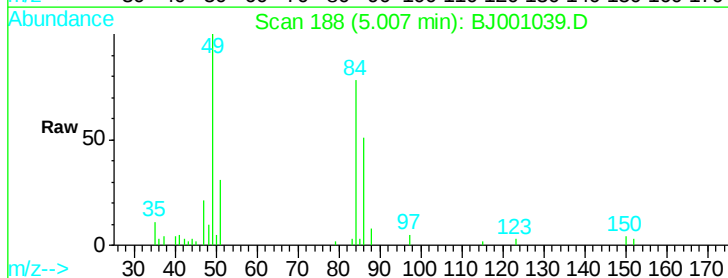
Tgt Ion: 94 Resp: 42653
 Ion Ratio Lower Upper
 94 100
 45 104.0 75.2 115.2
 79 65.5 43.1 83.1

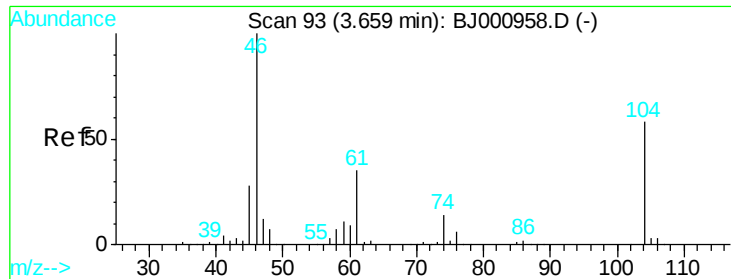


#4

DIMP
 Concen: 0.06 ug/mL
 RT: 5.01 min Scan# 188
 Delta R.T. 0.07 min
 Lab File: BJ001039.D
 Acq: 20 Jul 2012 13:00

Tgt Ion: 97 Resp: 13785
 Ion Ratio Lower Upper
 97 100
 123 55.5 43.8 83.8
 43 43.5 0.0 38.6#
 41 86.6 0.0 29.1#





#5

1,4-Oxathiane

Concen: 0.75 ug/mL

RT: 3.64 min Scan# 92

Delta R.T. -0.01 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

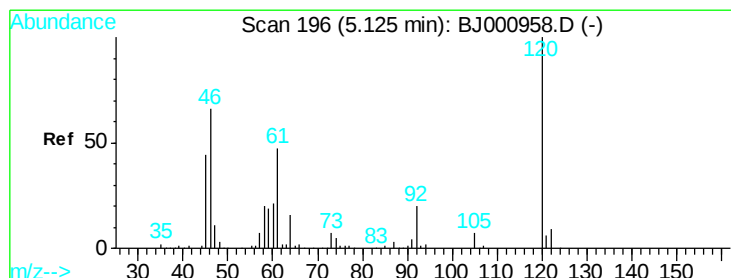
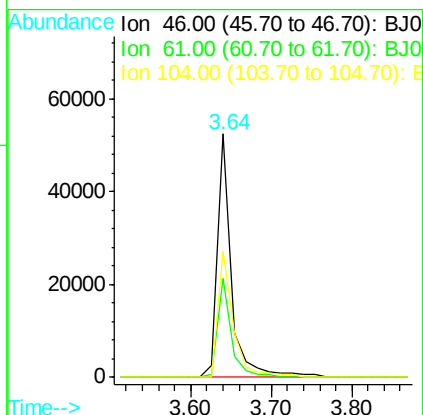
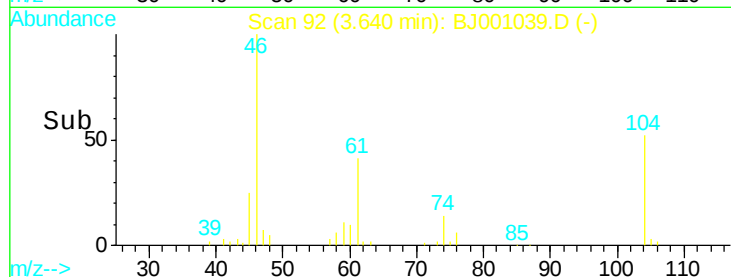
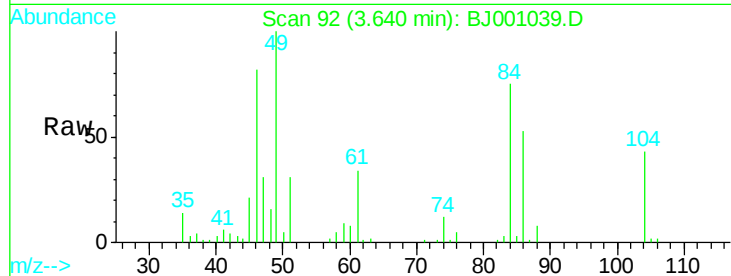
Tgt Ion: 46 Resp: 63322

Ion Ratio Lower Upper

46 100

61 40.8 19.4 59.4

104 51.7 34.1 74.1



#7

1,4-Dithiane

Concen: 0.64 ug/mL

RT: 5.12 min Scan# 196

Delta R.T. 0.01 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

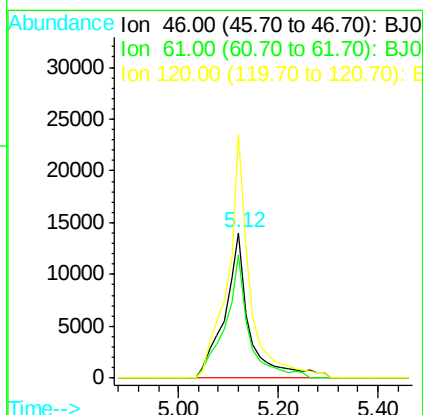
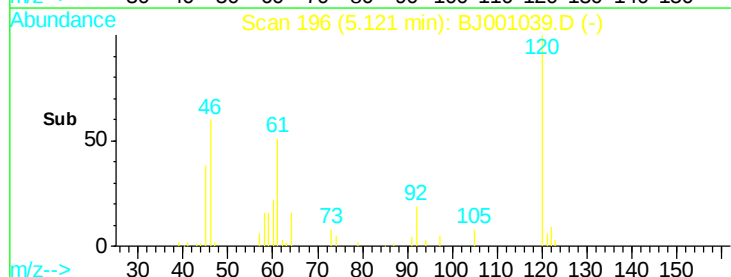
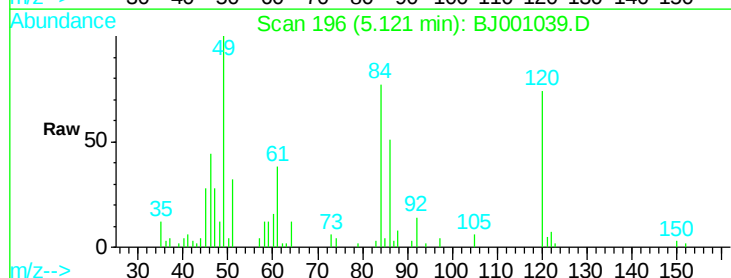
Tgt Ion: 46 Resp: 48170

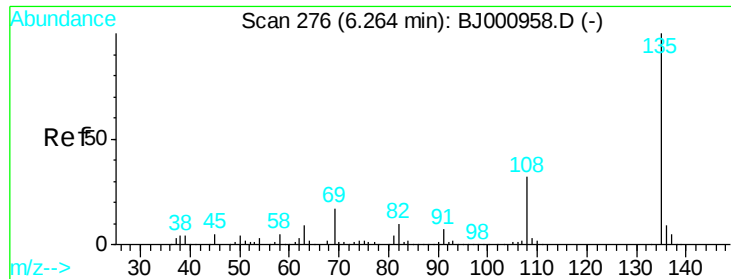
Ion Ratio Lower Upper

46 100

61 85.0 63.7 103.7

120 167.4 148.0 188.0





#9

Benzothiazole

Concen: 0.85 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.04 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

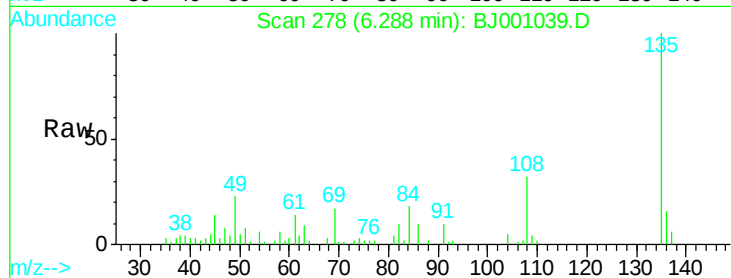
Tgt Ion:135 Resp: 244698

Ion Ratio Lower Upper

135 100

108 31.6 9.9 49.9

69 17.3 0.0 35.1

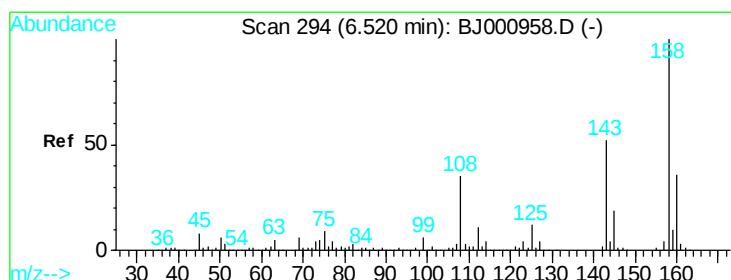
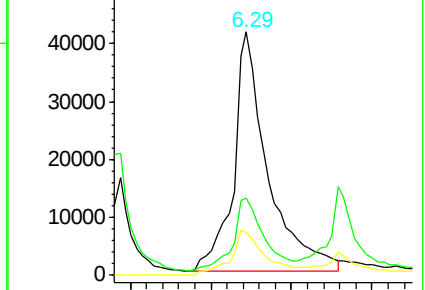
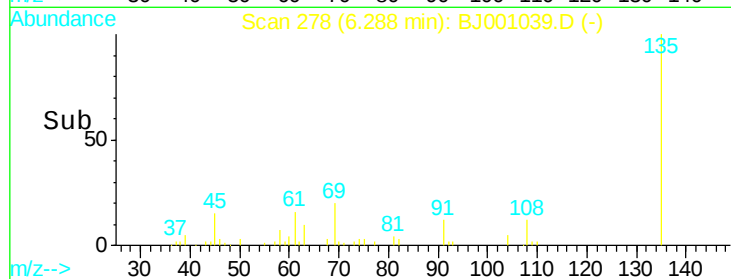


Abundance

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: 0.87 ug/mL

RT: 6.53 min Scan# 295

Delta R.T. 0.04 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

Tgt Ion:158 Resp: 156898

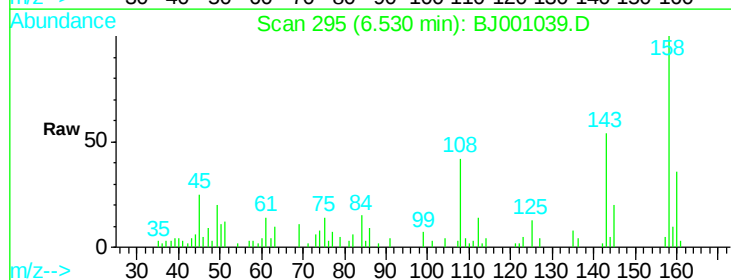
Ion Ratio Lower Upper

158 100

143 53.7 36.2 76.2

108 42.2 25.5 65.5

45 24.9 0.7 40.7



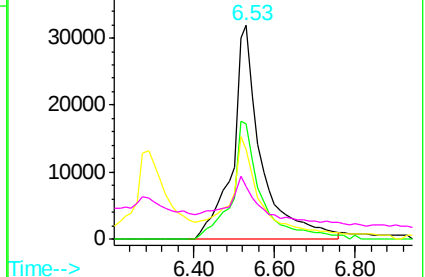
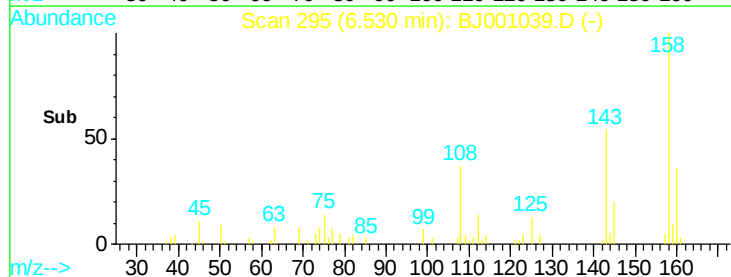
Abundance

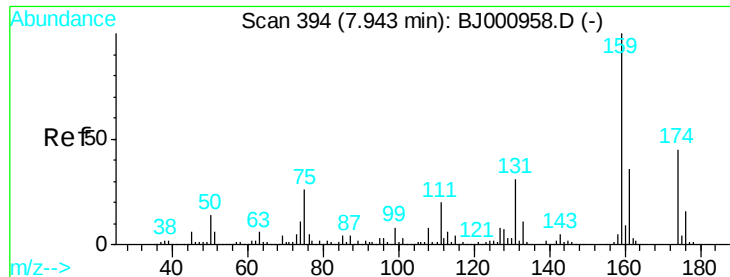
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

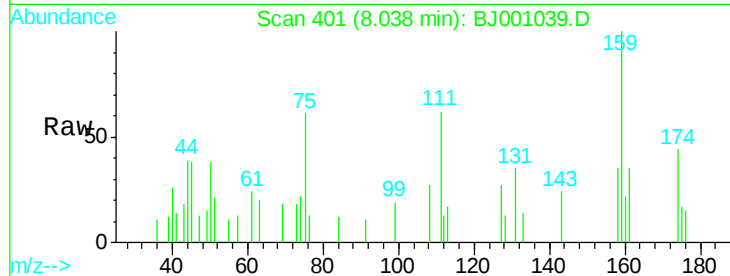
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.65 ug/mL
RT: 8.04 min Scan# 401
Delta R.T. 0.11 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

Tgt Ion:159 Resp: 57932
Ion Ratio Lower Upper
159 100
174 42.0 27.6 67.6
108 21.5 0.0 31.8
50 0.0 2.7 42.7#



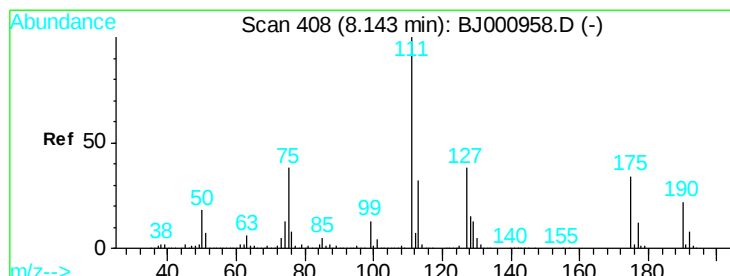
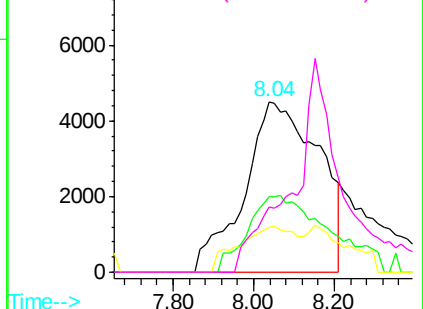
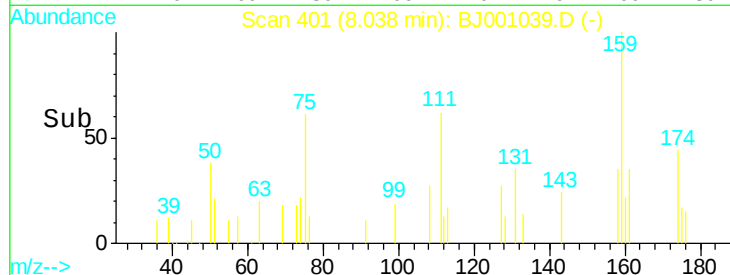
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

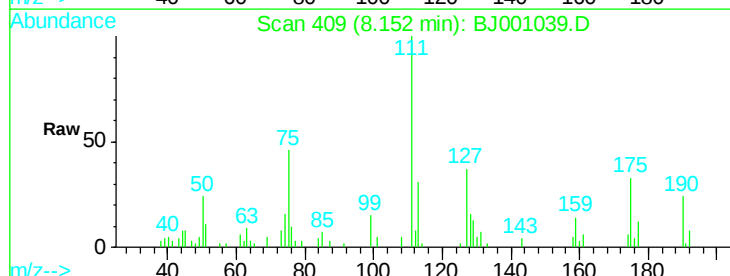
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 1.00 ug/mL
RT: 8.15 min Scan# 409
Delta R.T. 0.02 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

Tgt Ion:111 Resp: 153052
Ion Ratio Lower Upper
111 100
75 46.4 22.6 62.6
127 36.7 17.2 57.2
190 23.6 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

