

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001040.D

Vial: 7

Acq On : 20 Jul 2012 13:17

Operator: HLM

Sample : CWA-1

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	252656	2.00	ug/mL	0.01
6) Naphthalene-d8	5.98	136	1048118	2.00	ug/mL	0.03

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	23338	0.06	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	12.00%#
12) 2-Bromothioanisole	7.27	204	39189	0.55	ug/mL	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	11.00%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.62	94	24979	0.29	ug/mL# 48
4) DIMP	5.08	97	3642	0.02	ug/mL# 1
5) 1,4-Oxathiane	3.64	46	31153	0.37	ug/mL 97
7) 1,4-Dithiane	5.12	46	23743	0.32	ug/mL 98
9) Benzothiazole	6.30	135	114497	0.40	ug/mL 91
11) p-Chlorophenylmethyldisulfid	6.53	158	80246	0.44	ug/mL 92
13) p-Chlorophenylmethyldisulfox	8.08	159	20576	0.26	ug/mL# 79
14) p-Chlorophenylmethyldisulfon	8.17	111	72577	0.48	ug/mL 92

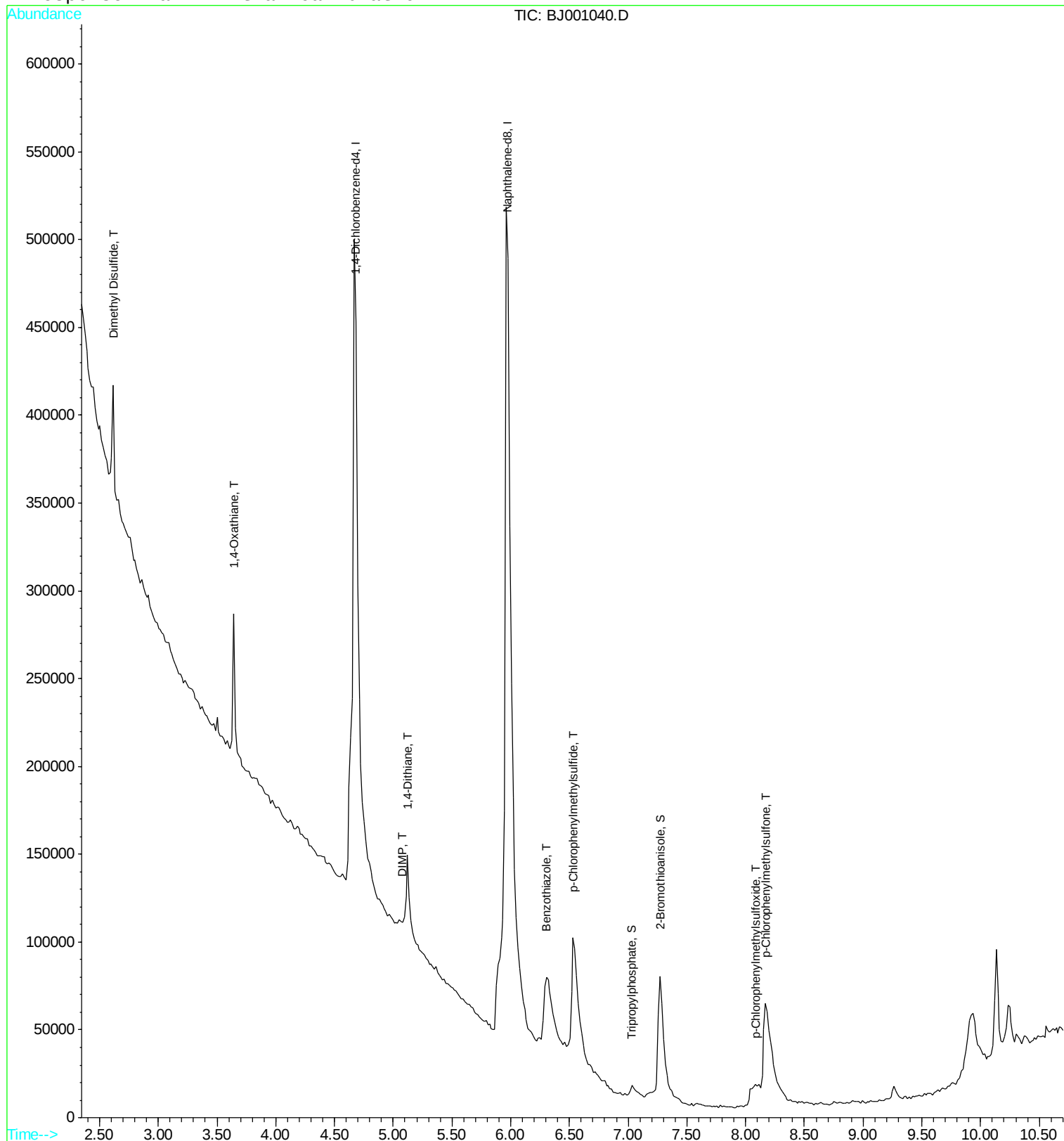
Quantitation Report

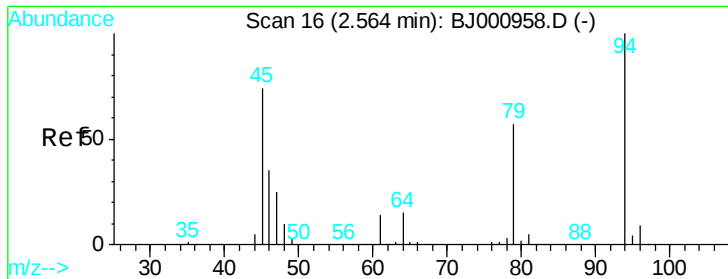
Data File : H:\VOL1\GCMSDATA\J\120720\BJ001040.D
Acq On : 20 Jul 2012 13:17
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MS Integration Params: rteint.p
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Vial: 7
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Title : CWA degradation products by GCMS
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#2

Dimethyl Disulfide

Concen: 0.29 ug/mL

RT: 2.62 min Scan# 20

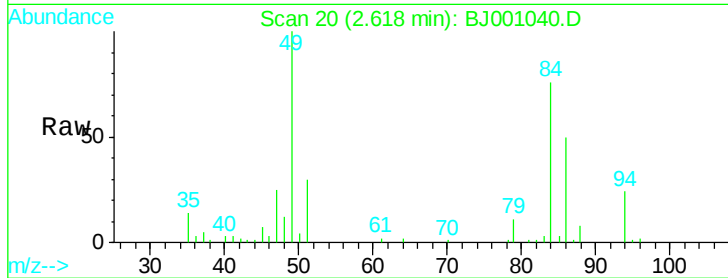
Delta R.T. 0.04 min

Lab File: BJ001040.D

Acq: 20 Jul 2012 13:17

Tgt Ion: 94 Resp: 24979

Ion	Ratio	Lower	Upper
94	100		
45	27.7	75.2	115.2#
79	43.9	43.1	83.1

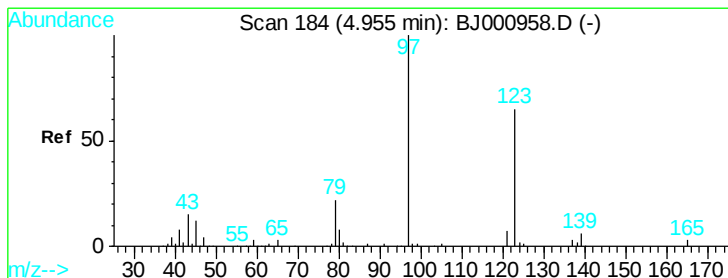
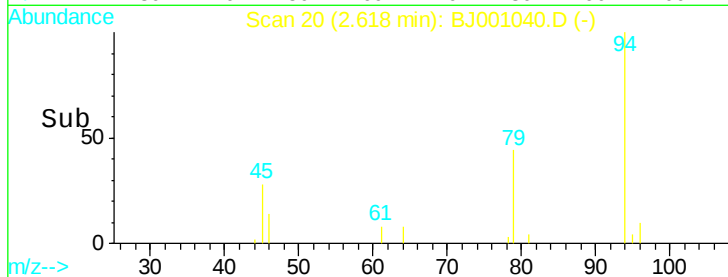
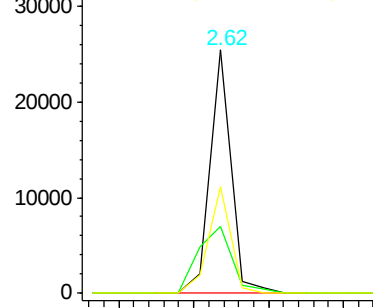


Abundance

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



#4

DIMP

Concen: 0.02 ug/mL

RT: 5.08 min Scan# 193

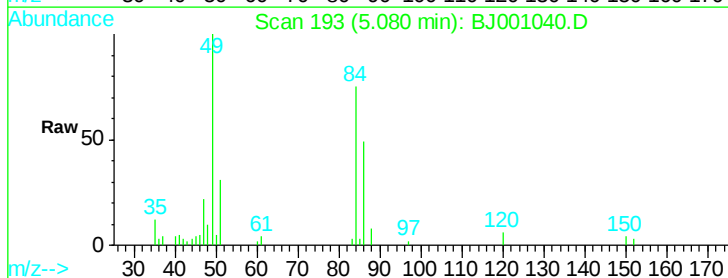
Delta R.T. 0.14 min

Lab File: BJ001040.D

Acq: 20 Jul 2012 13:17

Tgt Ion: 97 Resp: 3642

Ion	Ratio	Lower	Upper
97	100		
123	0.0	43.8	83.8#
43	106.2	0.0	38.6#
41	216.7	0.0	29.1#



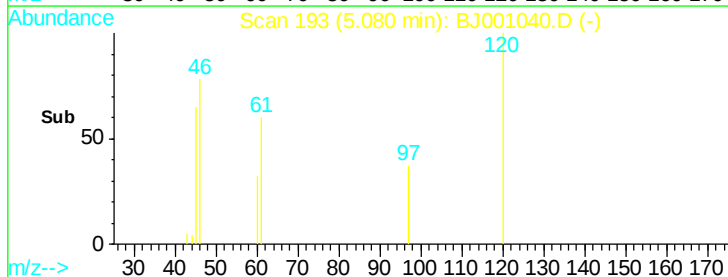
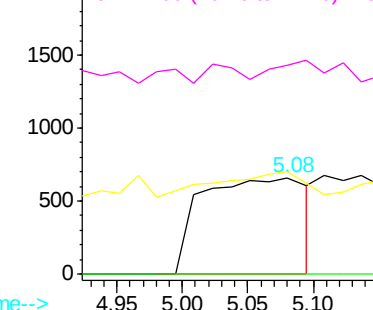
Abundance

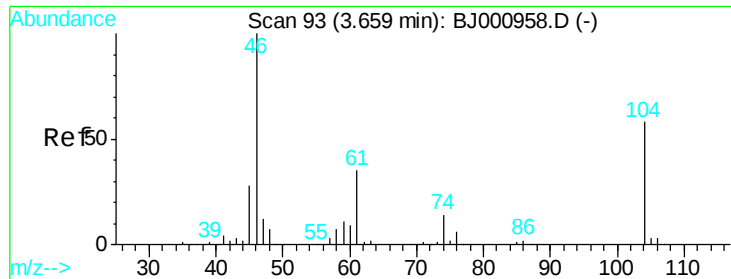
Ion 97.00 (96.70 to 97.70): BJ0

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: 0.37 ug/mL

RT: 3.64 min Scan# 92

Delta R.T. -0.00 min

Lab File: BJ001040.D

Acq: 20 Jul 2012 13:17

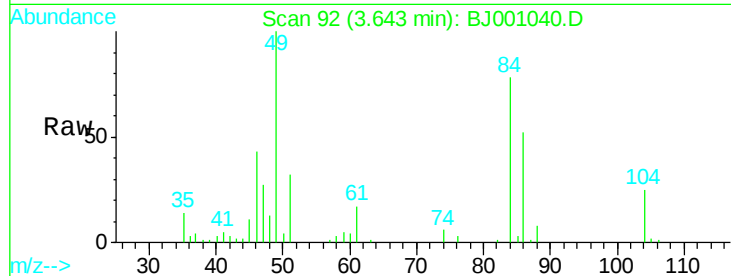
Tgt Ion: 46 Resp: 31153

Ion Ratio Lower Upper

46 100

61 39.8 19.4 59.4

104 57.6 34.1 74.1

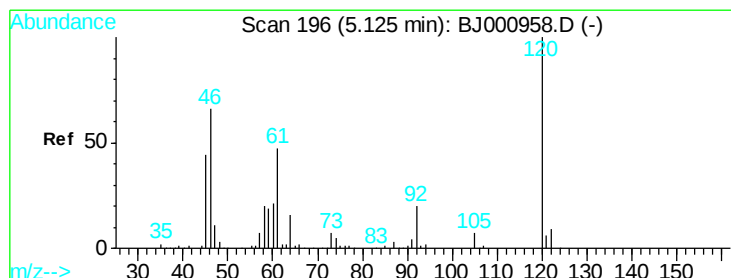
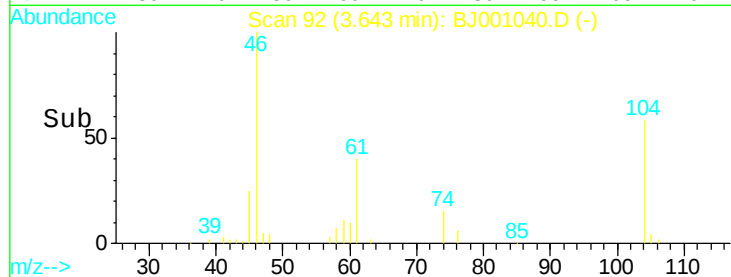
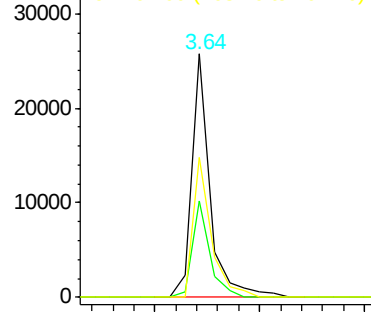


Abundance

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: 0.32 ug/mL

RT: 5.12 min Scan# 196

Delta R.T. 0.01 min

Lab File: BJ001040.D

Acq: 20 Jul 2012 13:17

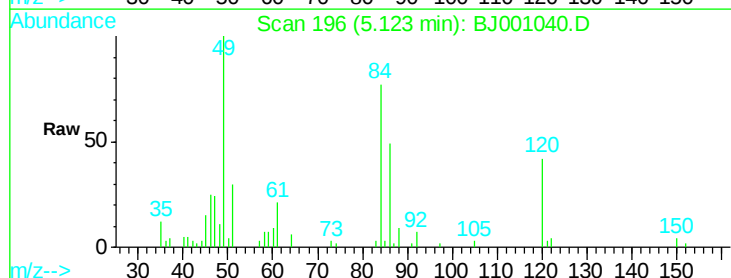
Tgt Ion: 46 Resp: 23743

Ion Ratio Lower Upper

46 100

61 86.0 63.7 103.7

120 170.0 148.0 188.0

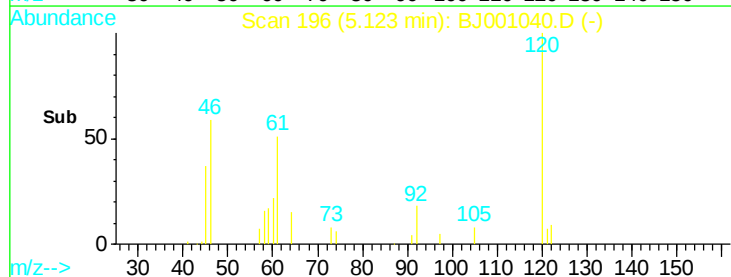
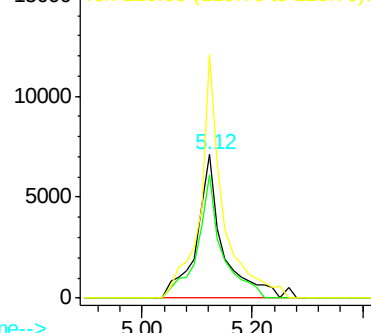


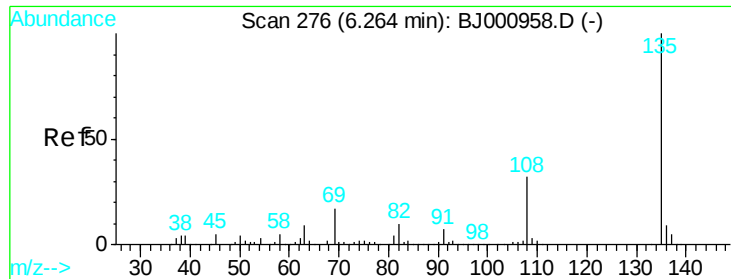
Abundance

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





#9

Benzothiazole

Concen: 0.40 ug/mL

RT: 6.30 min Scan# 279

Delta R.T. 0.05 min

Lab File: BJ001040.D

Acq: 20 Jul 2012 13:17

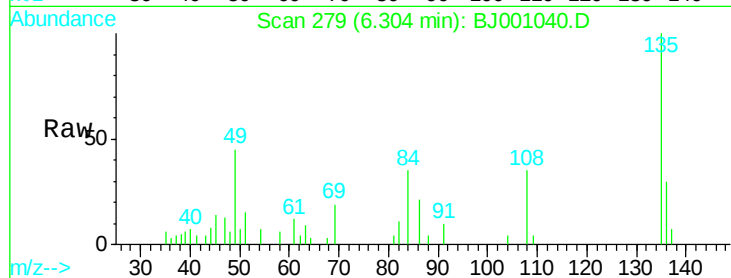
Tgt Ion:135 Resp: 114497

Ion Ratio Lower Upper

135 100

108 34.6 9.9 49.9

69 19.0 0.0 35.1

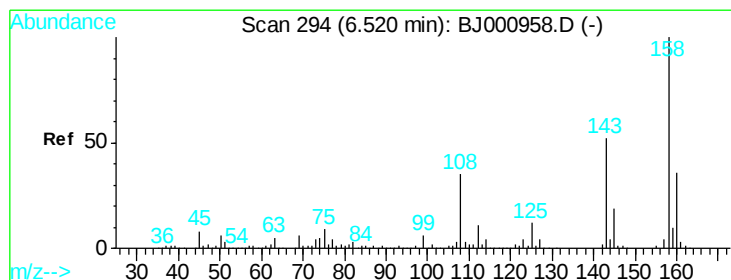
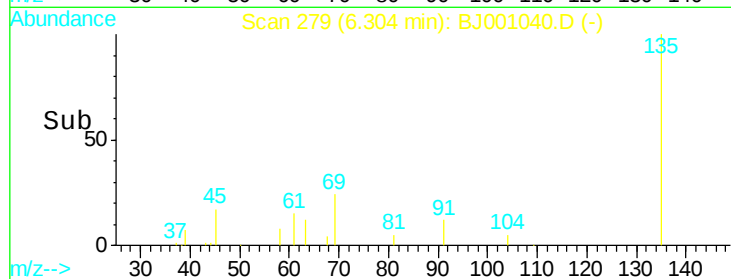
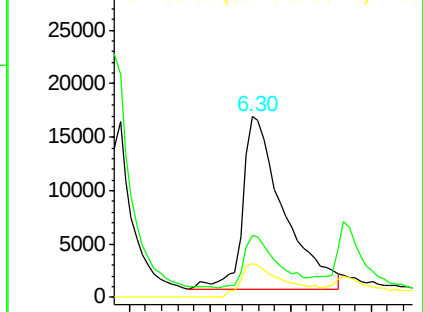


Abundance

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: 0.44 ug/mL

RT: 6.53 min Scan# 295

Delta R.T. 0.04 min

Lab File: BJ001040.D

Acq: 20 Jul 2012 13:17

Tgt Ion:158 Resp: 80246

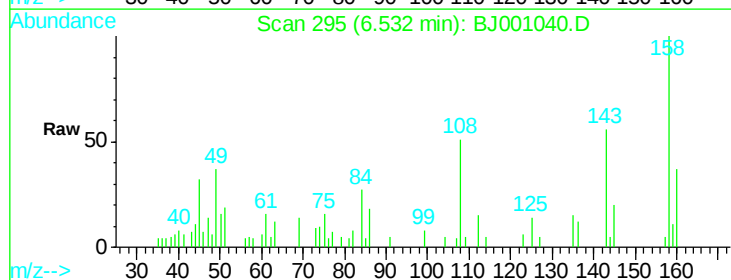
Ion Ratio Lower Upper

158 100

143 55.9 36.2 76.2

108 51.3 25.5 65.5

45 32.2 0.7 40.7



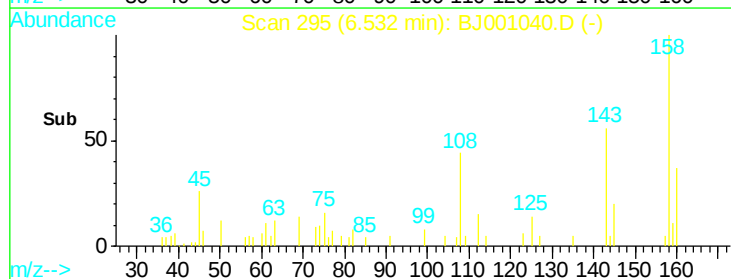
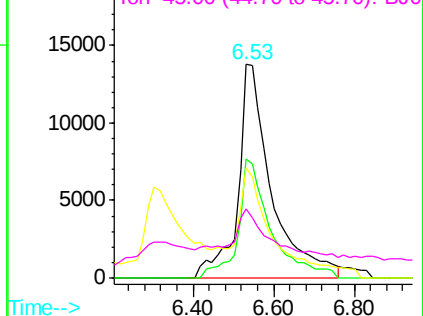
Abundance

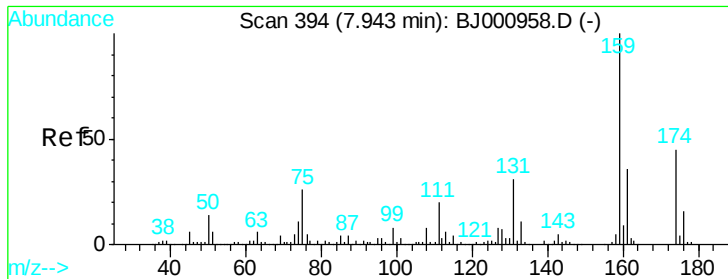
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

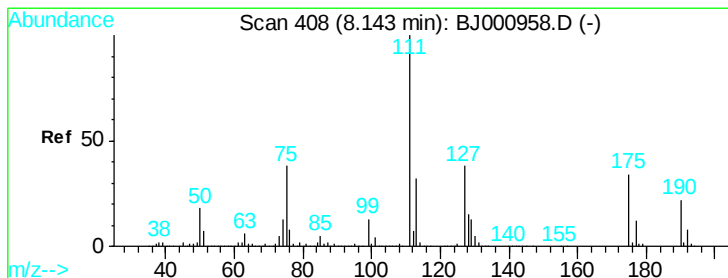
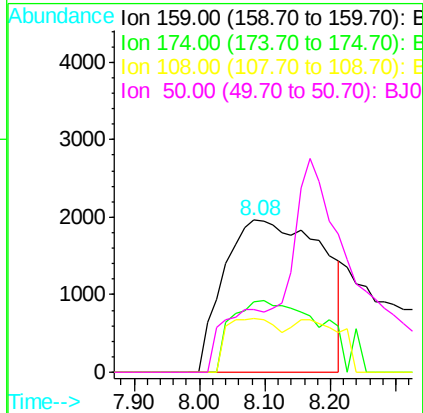
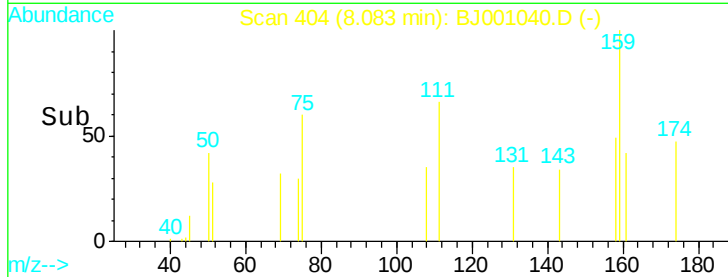
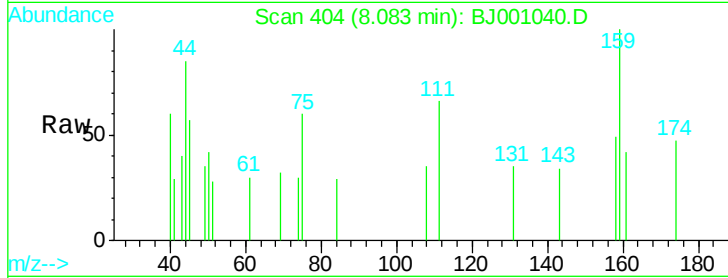
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.26 ug/mL
RT: 8.08 min Scan# 404
Delta R.T. 0.15 min
Lab File: BJ001040.D
Acq: 20 Jul 2012 13:17

Tgt Ion:159 Resp: 20576
Ion Ratio Lower Upper
159 100
174 41.2 27.6 67.6
108 18.4 0.0 31.8
50 0.0 2.7 42.7#



#14
p-Chlorophenylmethylsulfone
Concen: 0.48 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. 0.04 min
Lab File: BJ001040.D
Acq: 20 Jul 2012 13:17

Tgt Ion:111 Resp: 72577
Ion Ratio Lower Upper
111 100
75 49.9 22.6 62.6
127 38.3 17.2 57.2
190 26.8 2.0 42.0

