

Data File : H:\VOL1\GCMSDATA\J\120816\BJ001075.D

Vial: 2

Acq On : 16 Aug 2012 14:13

Operator: HLM

Sample : CWA-CCV

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Aug 17 10:51 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 Aug 17 10:52:26 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.63	152	611749	2.00	ug/mL	0.00
6) Naphthalene-d8	5.93	136	2785602	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.98	99	2474635	2.43	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	486.00%#
12) 2-Bromothioanisole	7.22	204	2462142	11.31	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	226.20%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.55	94	1622549	7.09	ug/mL	100
3) DMMP	3.52	79	464049	1.68	ug/mL	100
4) DIMP	4.92	97	1314014	2.32	ug/mL	100
5) 1,4-Oxathiane	3.62	46	1743180	6.12	ug/mL	100
7) 1,4-Dithiane	5.09	46	1458220	5.58	ug/mL	100
8) Thiodiglycol	5.88	61	7758534	34.91	ug/mL	100
9) Benzothiazole	6.23	135	9442575	13.16	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.47	158	5309377	12.07	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.90	159	2679670	10.07	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.10	111	4468819	10.19	ug/mL	100

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Quant Time: Aug 17 10:51 2012

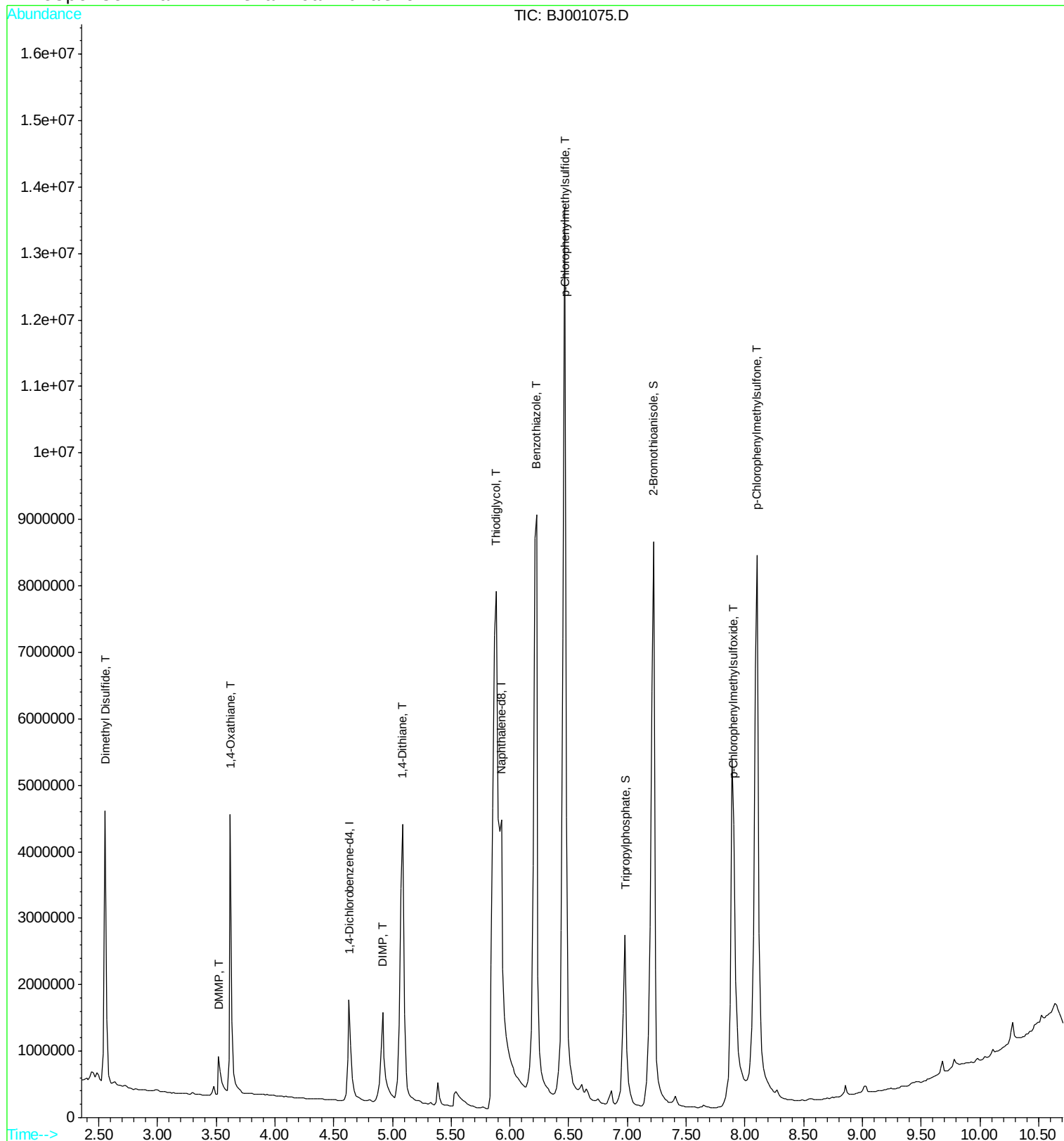
Quant Results File: BJ072012.RES

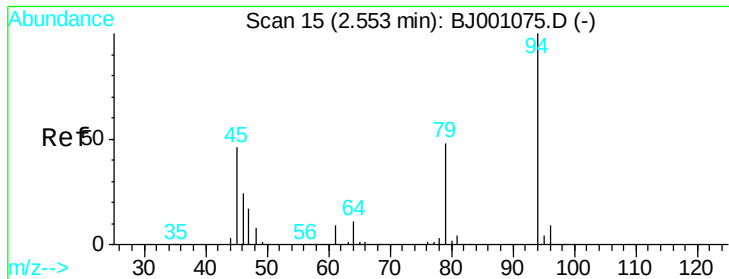
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Aug 17 10:52:26 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 7.09 ug/mL

RT: 2.55 min Scan# 15

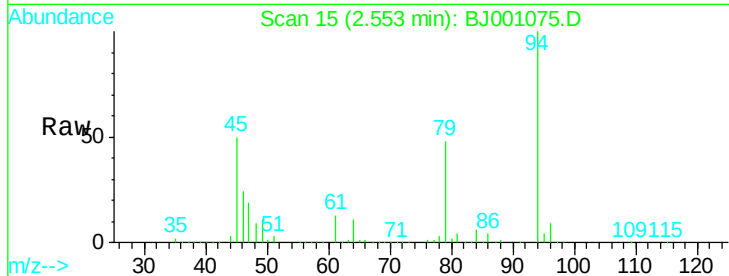
Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

Tgt Ion: 94 Resp: 1622549

Ion	Ratio	Lower	Upper
94	100		
45	49.6	29.6	69.6
79	48.5	28.5	68.5

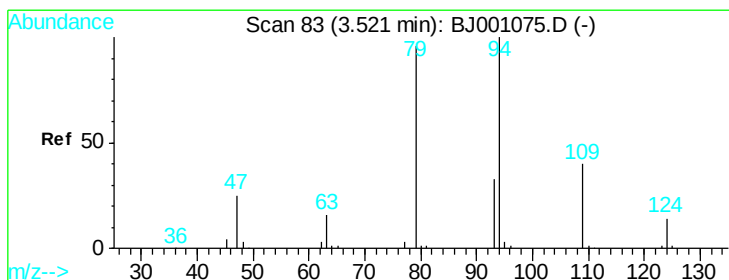
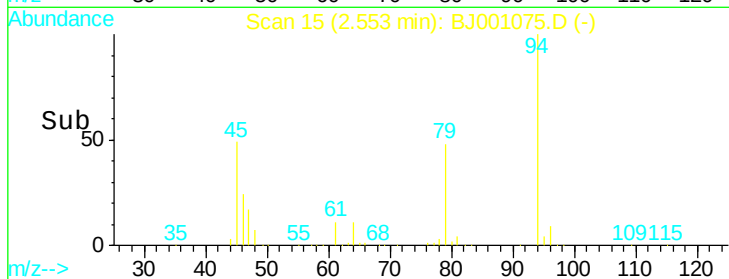
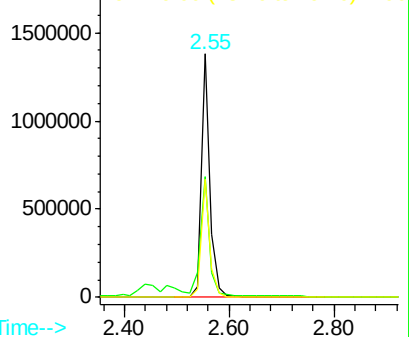


Abundance

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: 1.68 ug/mL

RT: 3.52 min Scan# 83

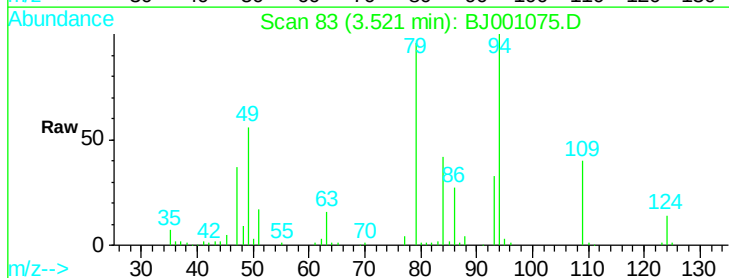
Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

Tgt Ion: 79 Resp: 464049

Ion	Ratio	Lower	Upper
79	100		
94	103.9	83.9	123.9
109	41.6	21.6	61.6

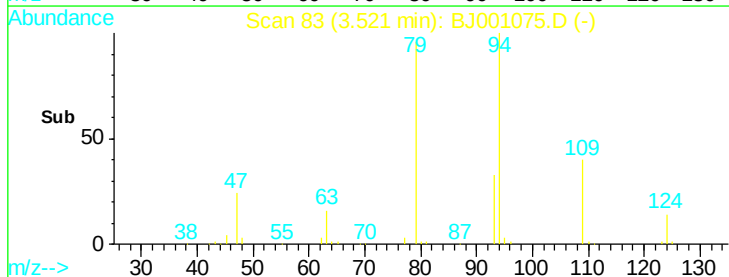
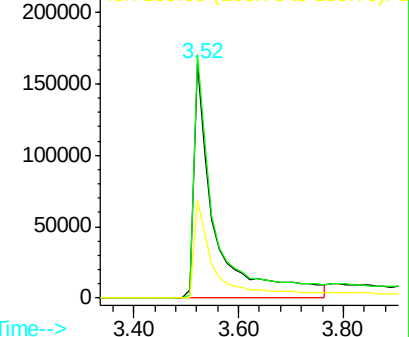


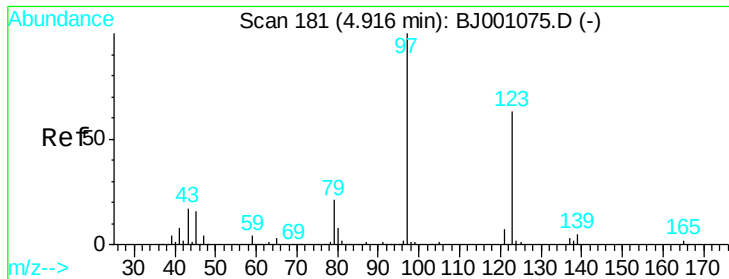
Abundance

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





#4

DIMP

Concen: 2.32 ug/mL

RT: 4.92 min Scan# 181

Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

Tgt Ion: 97 Resp: 1314014

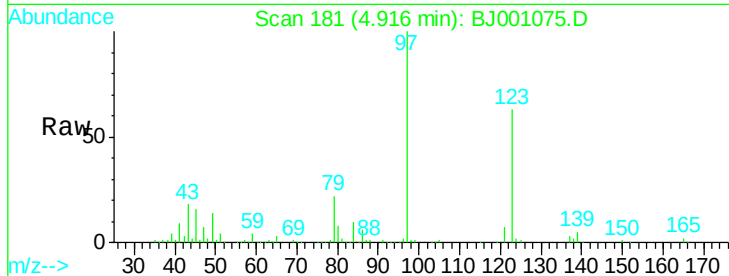
Ion Ratio Lower Upper

97 100

123 63.4 43.4 83.4

43 17.9 0.0 37.9

41 9.0 0.0 29.0

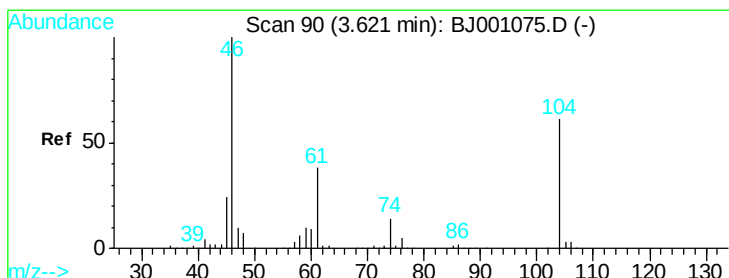
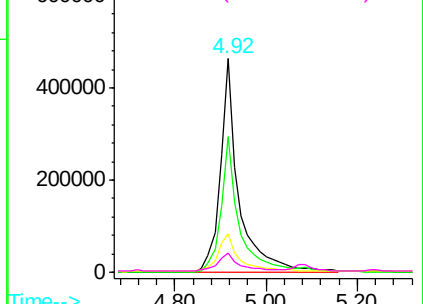
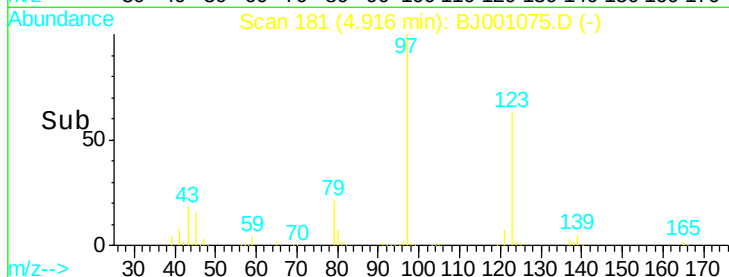


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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: 6.12 ug/mL

RT: 3.62 min Scan# 90

Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

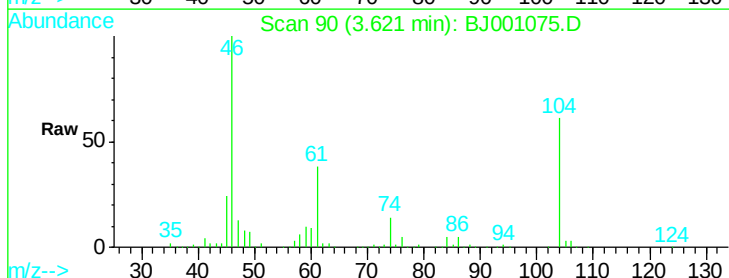
Tgt Ion: 46 Resp: 1743180

Ion Ratio Lower Upper

46 100

61 37.6 17.6 57.6

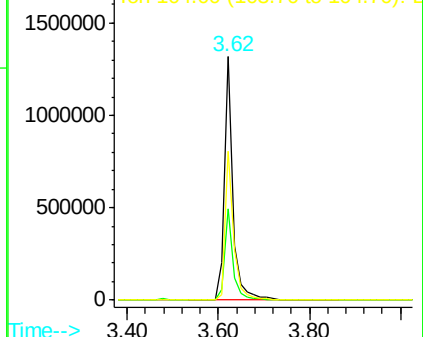
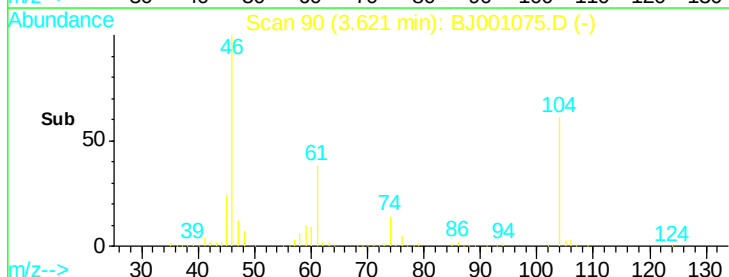
104 61.3 41.3 81.3

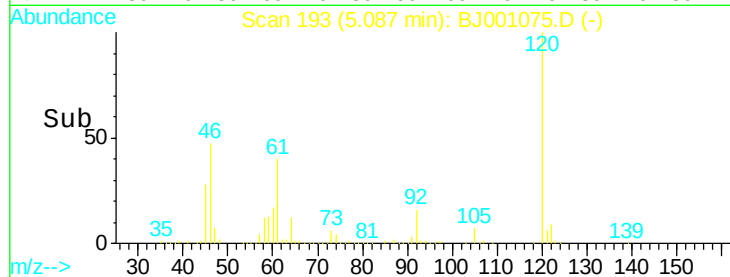
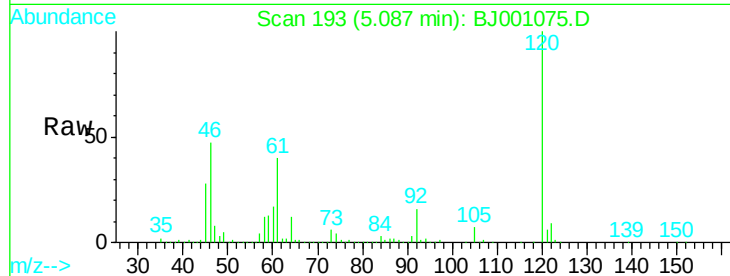
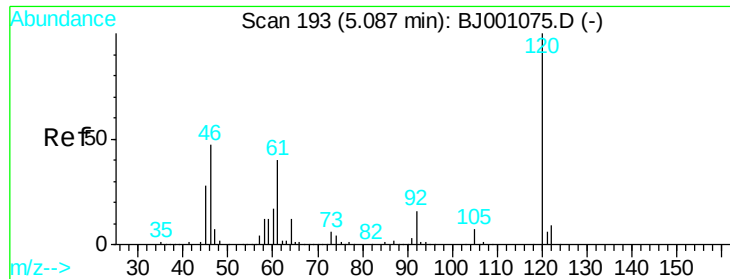


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 5.58 ug/mL

RT: 5.09 min Scan# 193

Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

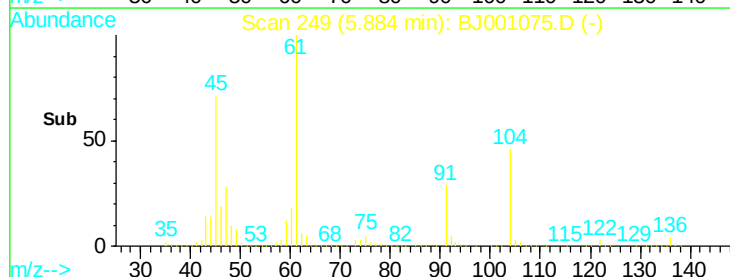
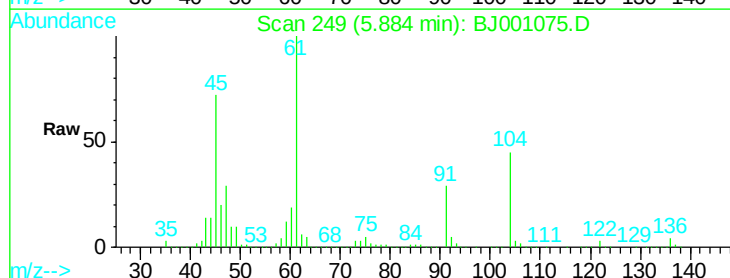
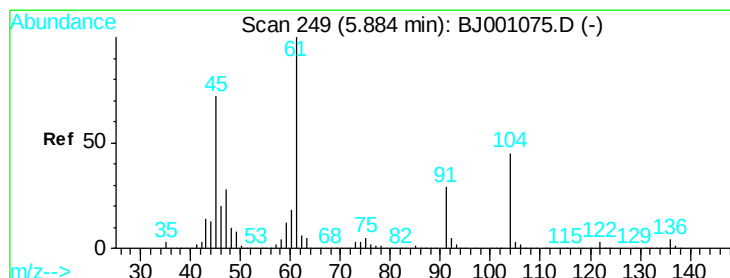
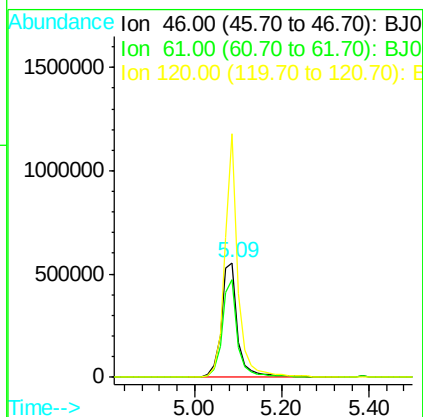
Tgt Ion: 46 Resp: 1458220

Ion Ratio Lower Upper

46 100

61 85.0 65.0 105.0

120 212.0 192.0 232.0



#8

Thiodiglycol

Concen: 34.91 ug/mL

RT: 5.88 min Scan# 249

Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

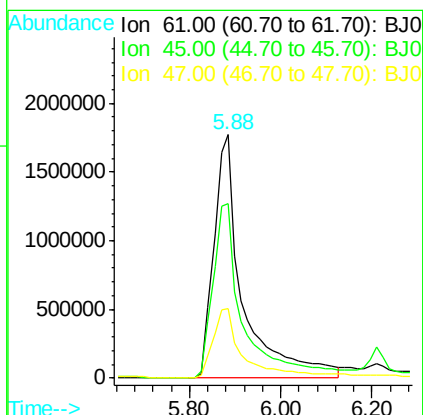
Tgt Ion: 61 Resp: 7758534

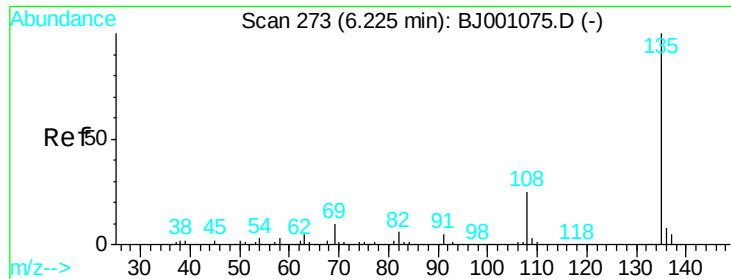
Ion Ratio Lower Upper

61 100

45 71.7 51.7 91.7

47 28.6 8.6 48.6





#9

Benzothiazole

Concen: 13.16 ug/mL

RT: 6.23 min Scan# 273

Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

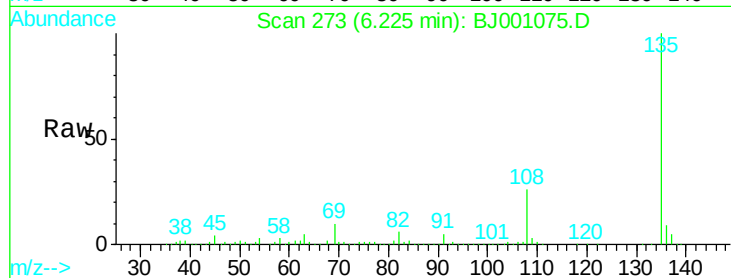
Tgt Ion:135 Resp: 9442575

Ion Ratio Lower Upper

135 100

108 25.5 5.5 45.5

69 9.6 0.0 29.6

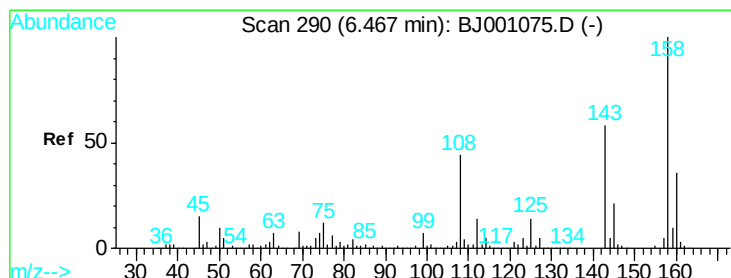
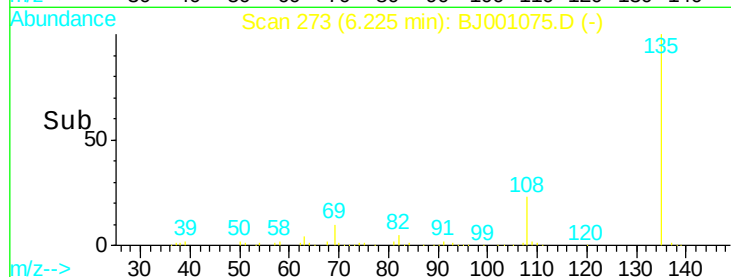
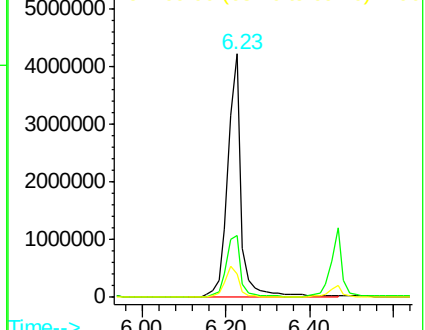


Abundance

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): BJO



#11

p-Chlorophenylmethylsulfide

Concen: 12.07 ug/mL

RT: 6.47 min Scan# 290

Delta R.T. 0.00 min

Lab File: BJ001075.D

Acq: 16 Aug 2012 14:13

Tgt Ion:158 Resp: 5309377

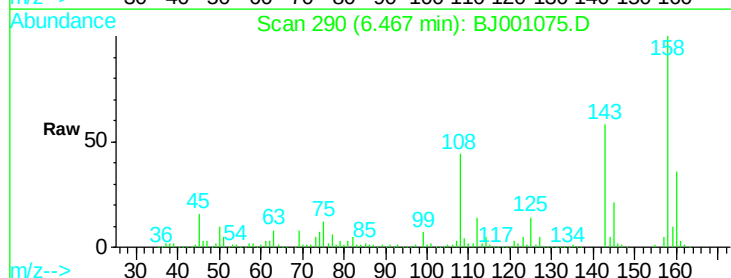
Ion Ratio Lower Upper

158 100

143 57.9 37.9 77.9

108 44.3 24.3 64.3

45 15.8 0.0 35.8



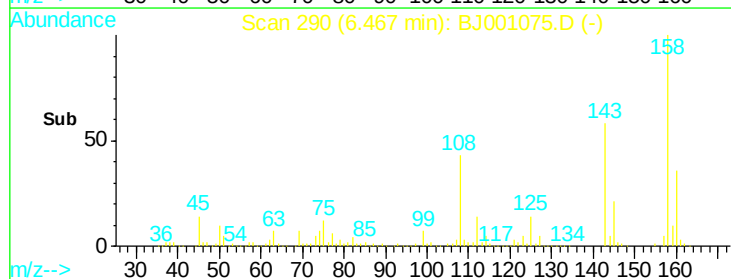
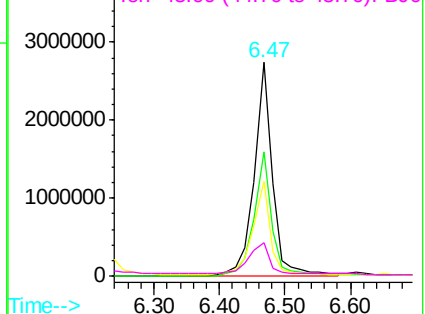
Abundance

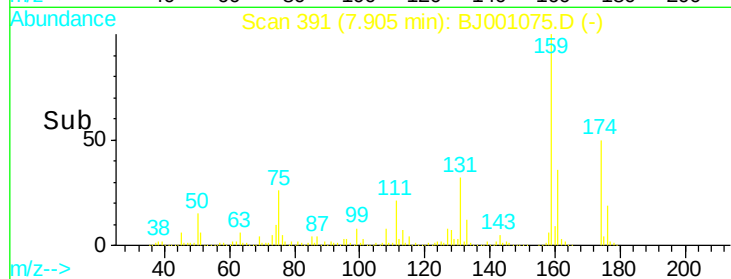
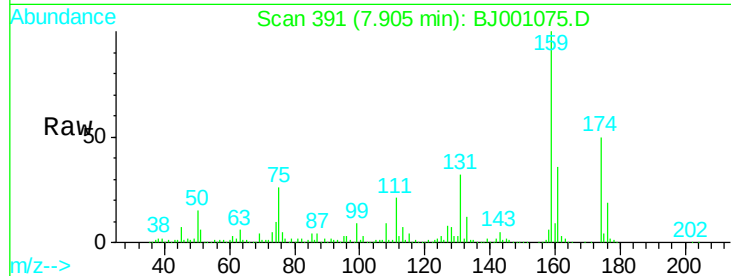
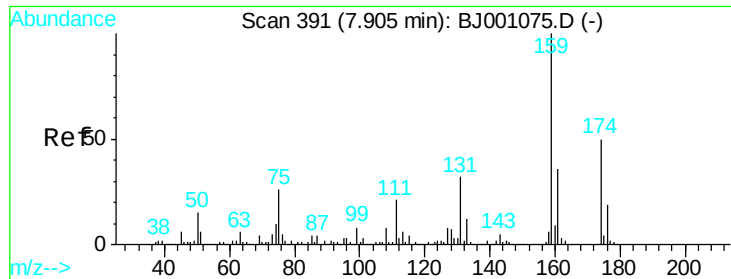
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

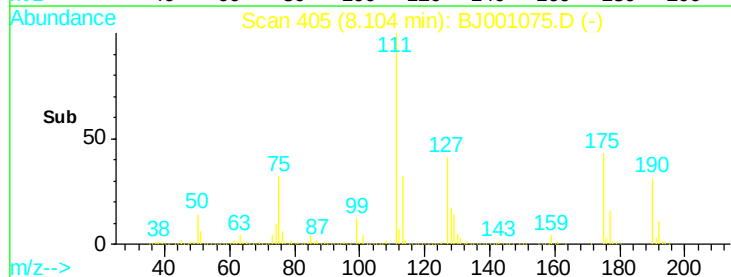
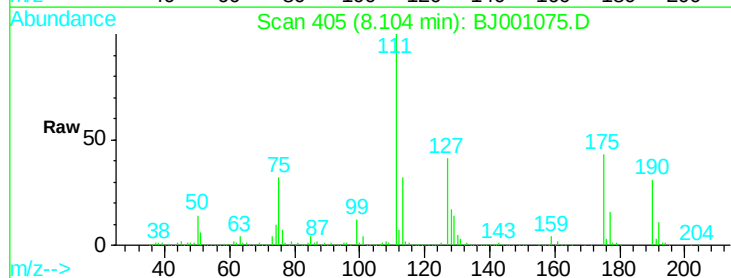
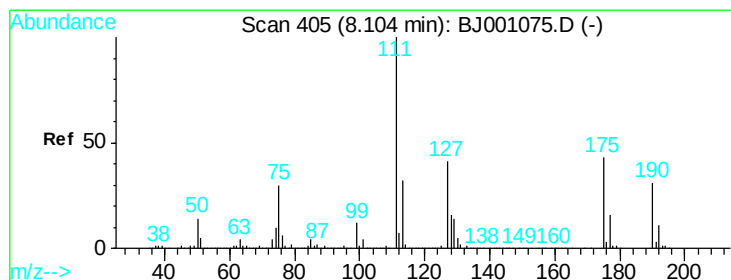
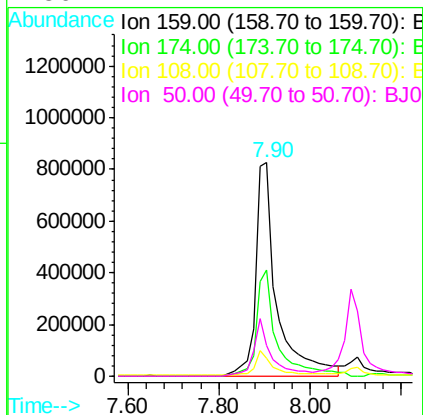
Ion 45.00 (44.70 to 45.70): BJO





#13
p-Chlorophenylmethylsulfoxide
Concen: 10.07 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. 0.00 min
Lab File: BJ001075.D
Acq: 16 Aug 2012 14:13

Tgt Ion:159 Resp: 2679670
Ion Ratio Lower Upper
159 100
174 48.6 28.6 68.6
108 10.1 0.0 30.1
50 22.2 2.2 42.2



#14
p-Chlorophenylmethylsulfone
Concen: 10.19 ug/mL
RT: 8.10 min Scan# 405
Delta R.T. 0.00 min
Lab File: BJ001075.D
Acq: 16 Aug 2012 14:13

Tgt Ion:111 Resp: 4468819
Ion Ratio Lower Upper
111 100
75 31.6 11.6 51.6
127 41.2 21.2 61.2
190 30.6 10.6 50.6

