

Data File : H:\VOL1\GCMSDATA\J\120816\BJ001077.D

Vial: 4

Acq On : 16 Aug 2012 16:09

Operator: HLM

Sample : PB64985BS

Inst : BNA J

Misc : WATER 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	483470	2.00	ug/mL	0.00
6) Naphthalene-d8	5.91	136	2074081	2.00	ug/mL	-0.02

System Monitoring Compounds

10) Tripropylphosphate	6.98	99	387197	0.51	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
12) 2-Bromothioanisole	7.22	204	716774	4.42	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.52	79	308838	1.42	ug/mL#	66
4) DIMP	4.90	97	1642976	3.65	ug/mL#	88
5) 1,4-Oxathiane	3.66	46	799844	3.55	ug/mL#	43
7) 1,4-Dithiane	5.07	46	813483	4.18	ug/mL#	80
8) Thiodiqlvcol	5.84	61	4970576	30.04	ug/mL	98
9) Benzothiazole	6.22	135	4996006	9.35	ug/mL	92
11) p-Chlorophenylmethyisulfid	6.46	158	2921572	8.92	ug/mL	92
13) p-Chlorophenylmethyisulfox	7.90	159	1459743	7.50	ug/mL	99
14) p-Chlorophenylmethyisulfon	8.10	111	2133841	6.53	ug/mL	93

Quantitation Report

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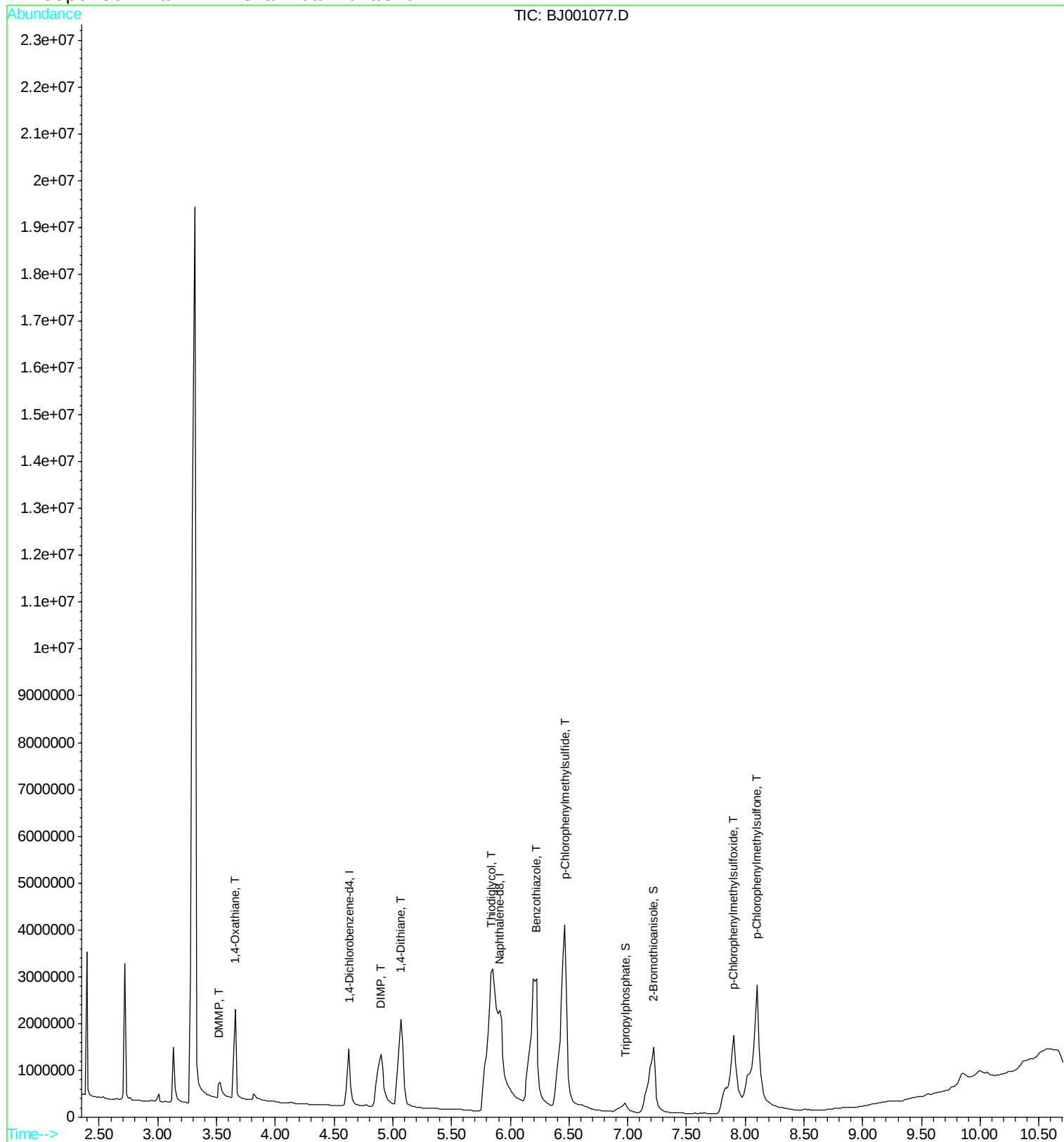
Quant Results File: BJ072012.RES

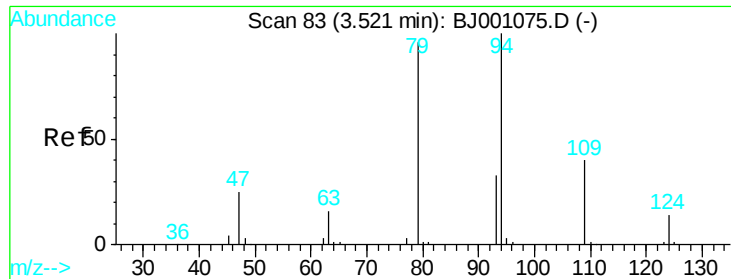
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

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

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#3

DMMP

Concen: 1.42 ug/mL

RT: 3.52 min Scan# 83

Delta R.T. -0.00 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

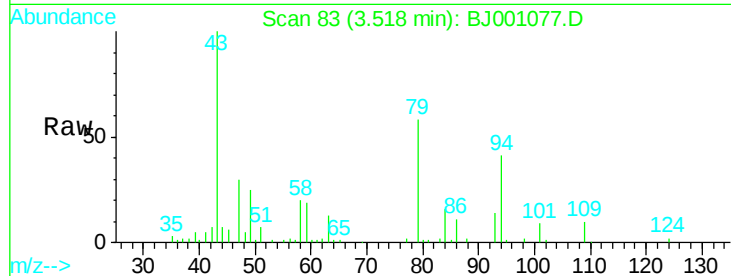
Tgt Ion: 79 Resp: 308838

Ion Ratio Lower Upper

79 100

94 70.8 83.9 123.9#

109 16.9 21.6 61.6#

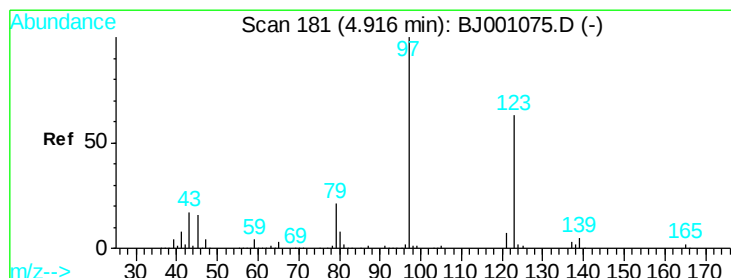
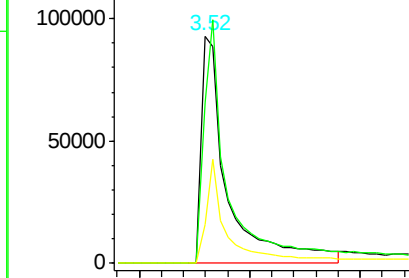
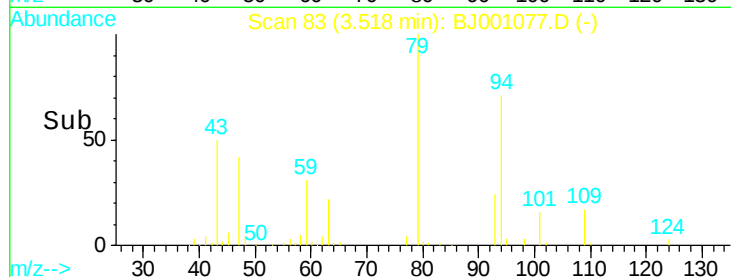


Abundance

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: 3.65 ug/mL

RT: 4.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

Tgt Ion: 97 Resp: 1642976

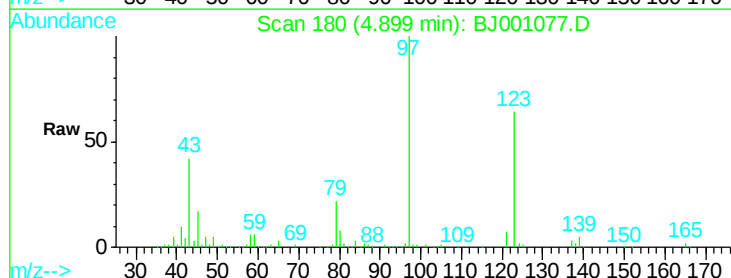
Ion Ratio Lower Upper

97 100

123 63.8 43.4 83.4

43 42.3 0.0 37.9#

41 9.7 0.0 29.0



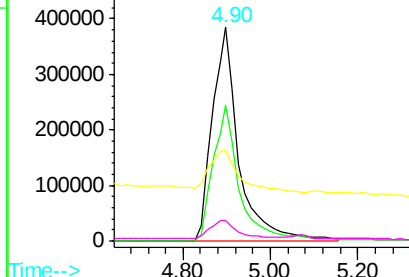
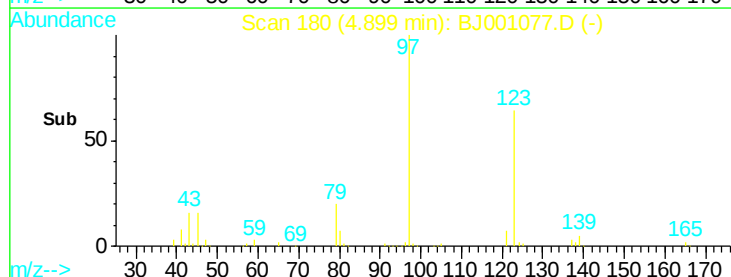
Abundance

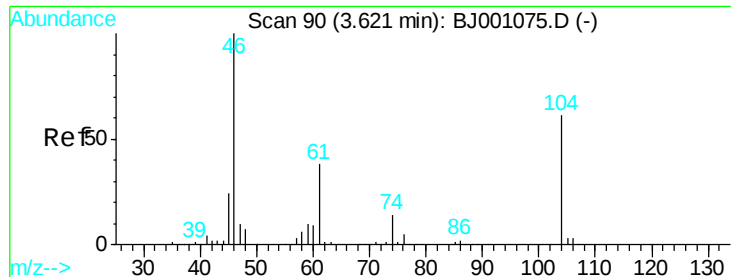
Ion 97.00 (96.70 to 97.70): BJ0

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: 3.55 ug/mL

RT: 3.66 min Scan# 93

Delta R.T. 0.04 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

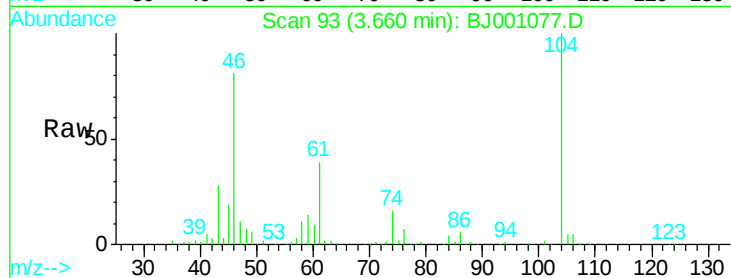
Tgt Ion: 46 Resp: 799844

Ion Ratio Lower Upper

46 100

61 48.5 17.6 57.6

104 123.6 41.3 81.3#

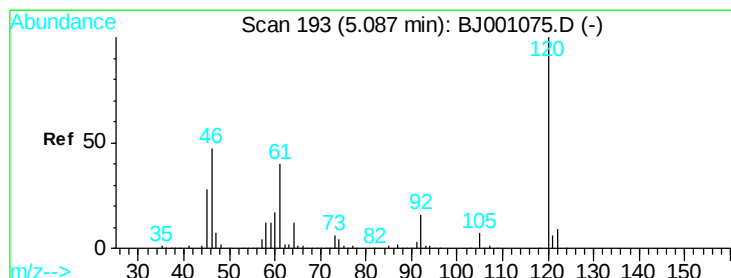
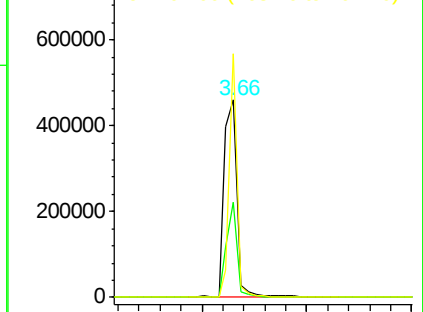
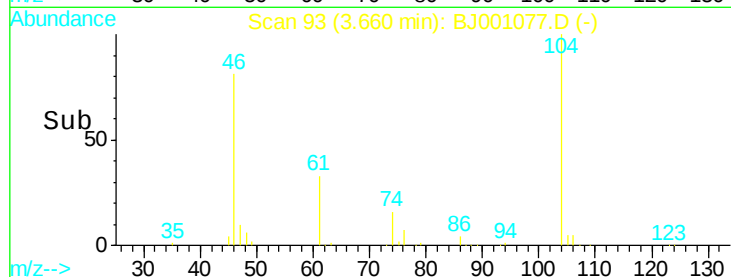


Abundance

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: 4.18 ug/mL

RT: 5.07 min Scan# 192

Delta R.T. -0.02 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

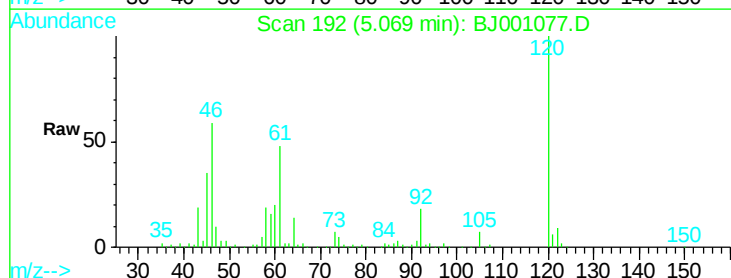
Tgt Ion: 46 Resp: 813483

Ion Ratio Lower Upper

46 100

61 82.3 65.0 105.0

120 170.6 192.0 232.0#

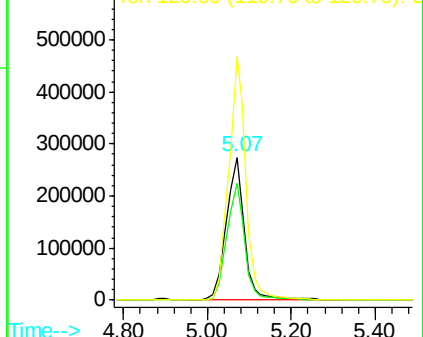
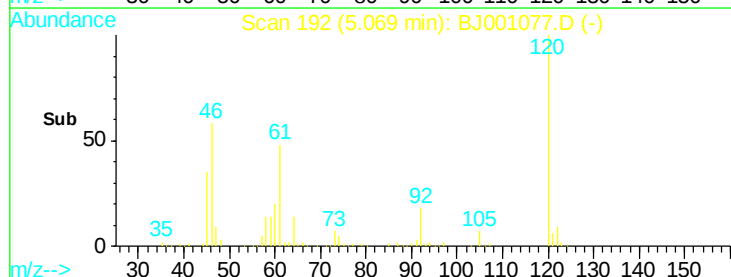


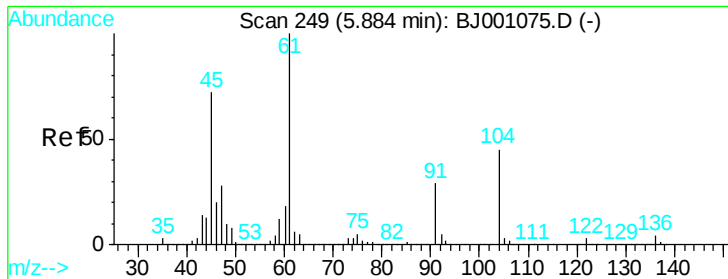
Abundance

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: 30.04 ug/mL

RT: 5.84 min Scan# 246

Delta R.T. -0.05 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

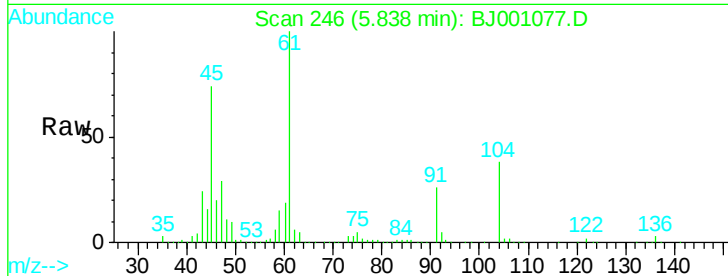
Tgt Ion: 61 Resp: 4970576

Ion Ratio Lower Upper

61 100

45 73.7 51.7 91.7

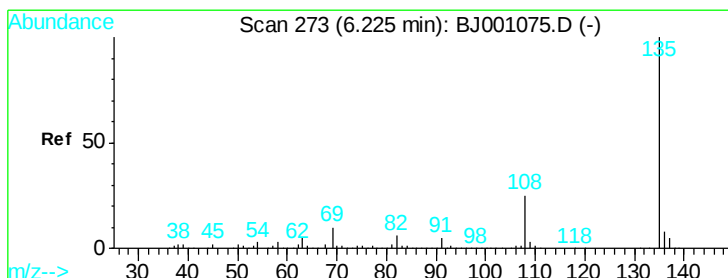
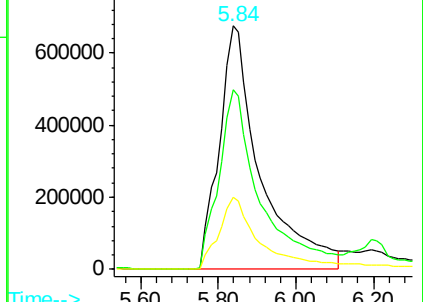
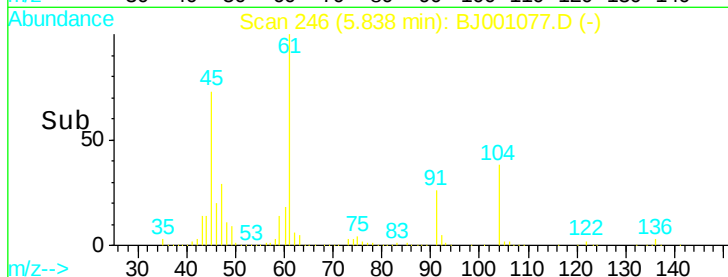
47 29.5 8.6 48.6



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: 9.35 ug/mL

RT: 6.22 min Scan# 273

Delta R.T. -0.00 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

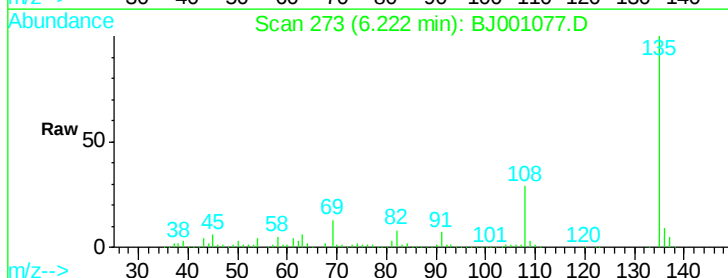
Tgt Ion: 135 Resp: 4996006

Ion Ratio Lower Upper

135 100

108 29.0 5.5 45.5

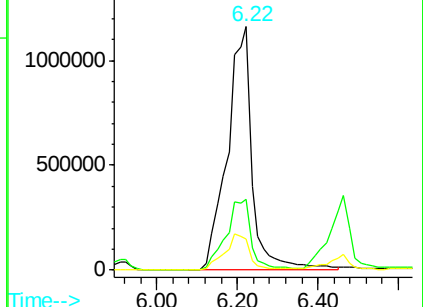
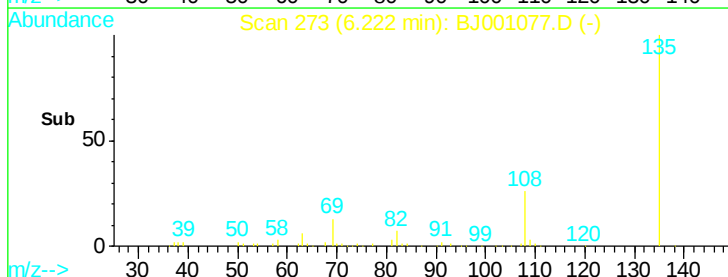
69 13.0 0.0 29.6

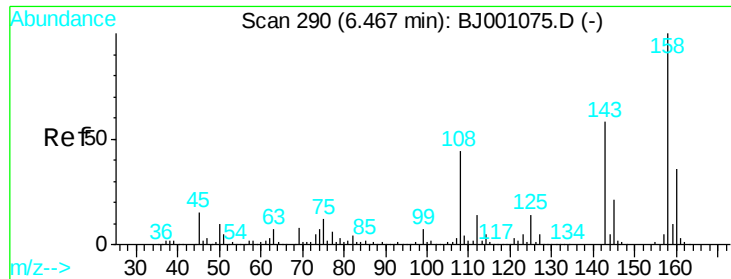


Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0

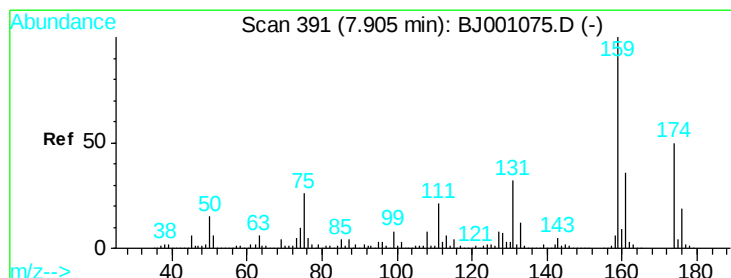
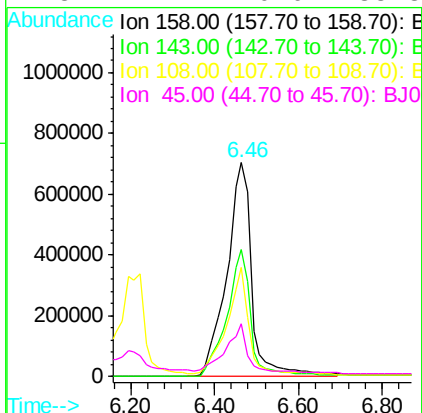
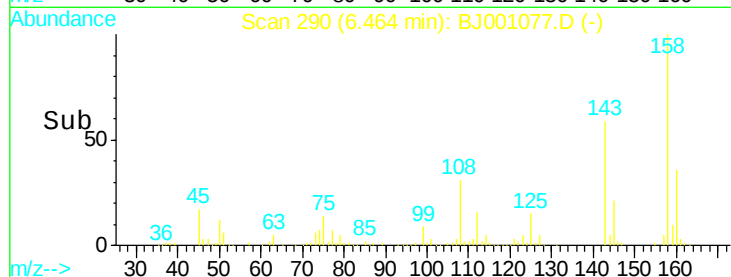
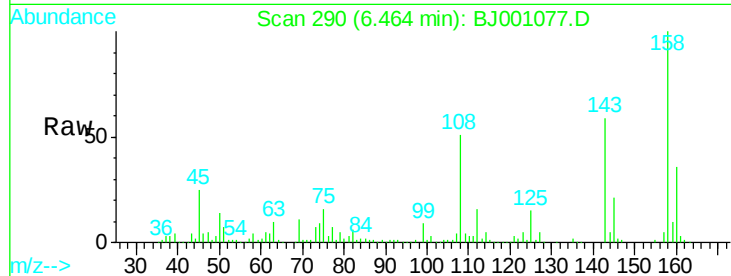




#11
p-Chlorophenylmethylsulfide
Concen: 8.92 ug/mL
RT: 6.46 min Scan# 290
Delta R.T. -0.00 min
Lab File: BJ001077.D
Acq: 16 Aug 2012 16:09

Tgt Ion:158 Resp: 2921572

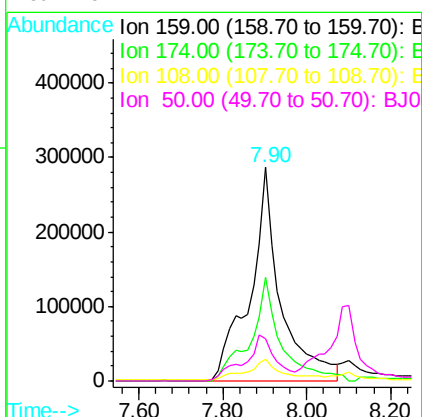
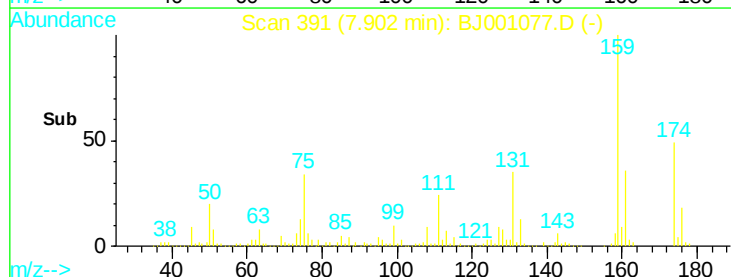
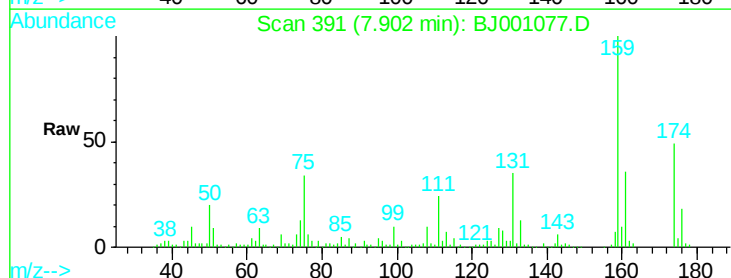
Ion	Ratio	Lower	Upper
158	100		
143	59.2	37.9	77.9
108	50.9	24.3	64.3
45	24.7	0.0	35.8

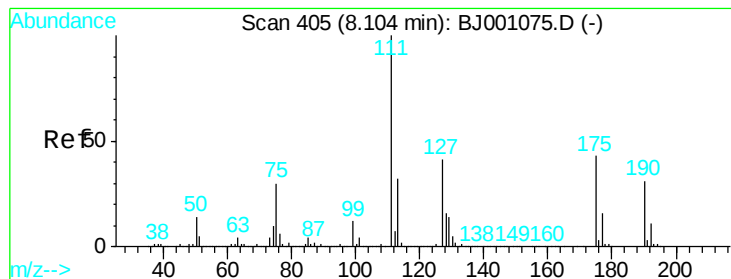


#13
p-Chlorophenylmethylsulfoxide
Concen: 7.50 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. -0.00 min
Lab File: BJ001077.D
Acq: 16 Aug 2012 16:09

Tgt Ion:159 Resp: 1459743

Ion	Ratio	Lower	Upper
159	100		
174	48.2	28.6	68.6
108	10.6	0.0	30.1
50	21.5	2.2	42.2





#14

p-Chlorophenylmethylsulfone

Concen: 6.53 ug/mL

RT: 8.10 min Scan# 405

Delta R.T. -0.00 min

Lab File: BJ001077.D

Acq: 16 Aug 2012 16:09

Tgt Ion:111 Resp: 2133841

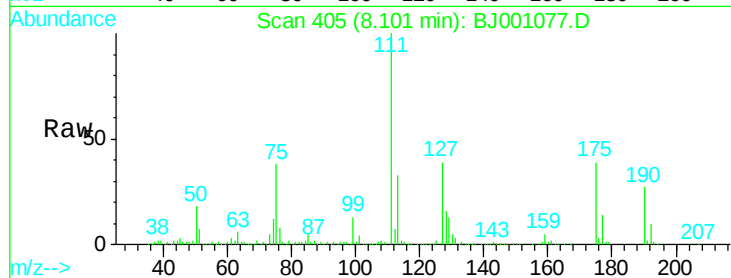
Ion Ratio Lower Upper

111 100

75 37.5 11.6 51.6

127 39.1 21.2 61.2

190 26.9 10.6 50.6



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

