

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001044.D
 Acq On : 20 Jul 2012 15:27
 Sample : PB64247BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jul 20 16:26 2012

Vial: 11
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

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 14:08:00 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.65	152	251106	2.00	ug/mL	-0.02
6) Naphthalene-d8	5.95	136	1011363	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.01	99	169907	0.46	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
12) 2-Bromothioanisole	7.26	204	345718	4.37	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.54	79	131345	1.16	ug/mL	97
4) DIMP	4.91	97	813121	3.48	ug/mL#	78
5) 1,4-Oxathiane	3.67	46	399331	3.42	ug/mL#	65
7) 1,4-Dithiane	5.09	46	390561	4.11	ug/mL	90
8) Thiodiqlvcol	5.89	61	2300609	28.51	ug/mL	98
9) Benzothiazole	6.25	135	2327991	8.94	ug/mL	93
11) p-Chlorophenylmethyisulfid	6.50	158	1341192	8.40	ug/mL	91
13) p-Chlorophenylmethyisulfox	7.94	159	736975	7.75	ug/mL	98
14) p-Chlorophenylmethyisulfon	8.12	111	1052220	6.61	ug/mL	97

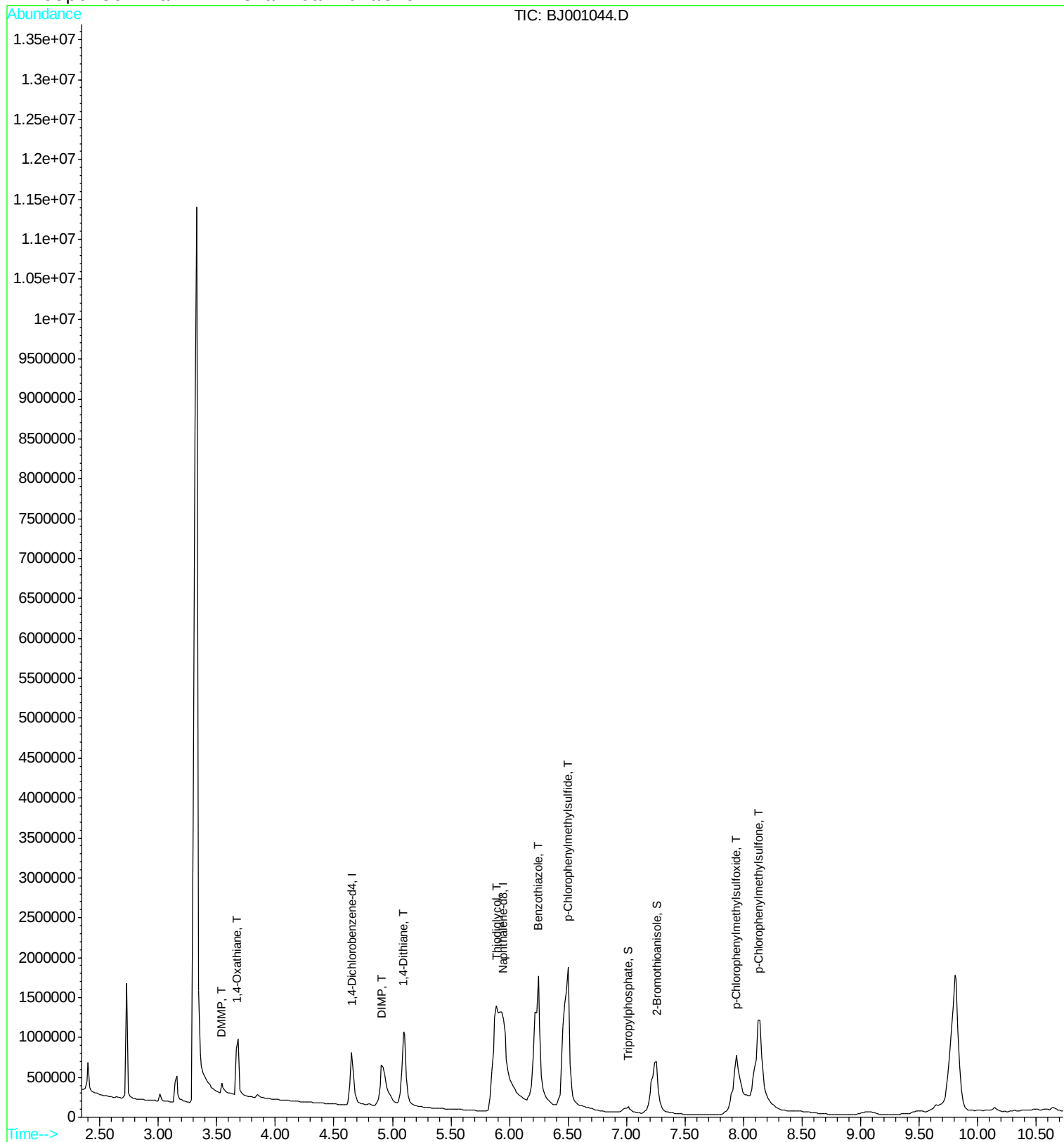
Quantitation Report

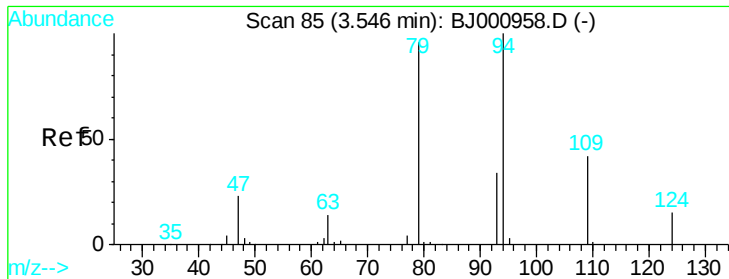
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#3

DMMP

Concen: 1.16 ug/mL

RT: 3.54 min Scan# 85

Delta R.T. -0.01 min

Lab File: BJ001044.D

Acq: 20 Jul 2012 15:27

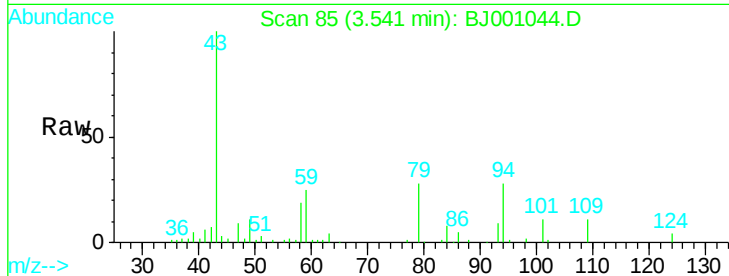
Tgt Ion: 79 Resp: 131345

Ion Ratio Lower Upper

79 100

94 99.8 83.0 123.0

109 38.3 20.0 60.0

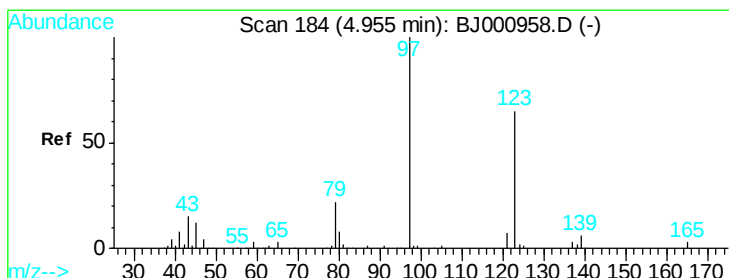
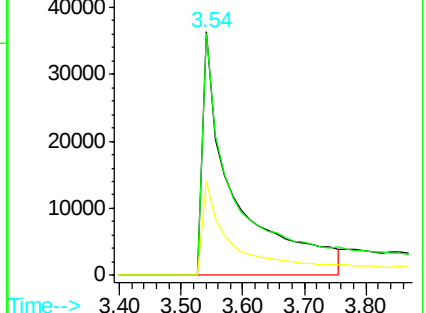
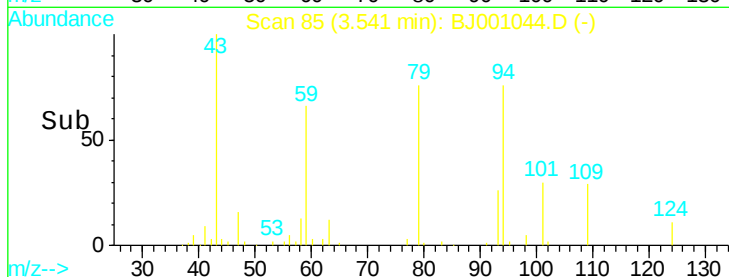


Abundance

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: 3.48 ug/mL

RT: 4.91 min Scan# 181

Delta R.T. -0.03 min

Lab File: BJ001044.D

Acq: 20 Jul 2012 15:27

Tgt Ion: 97 Resp: 813121

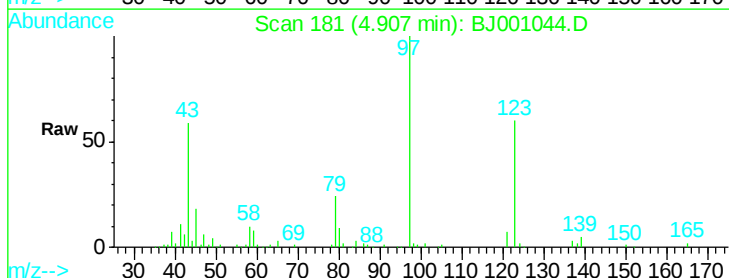
Ion Ratio Lower Upper

97 100

123 60.3 43.8 83.8

43 59.2 0.0 38.6

41 11.3 0.0 29.1



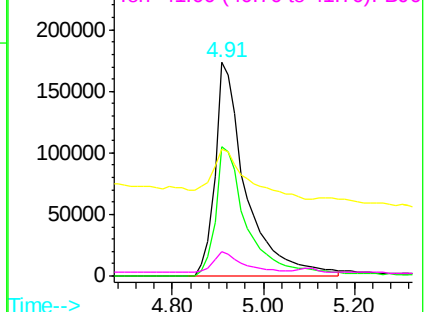
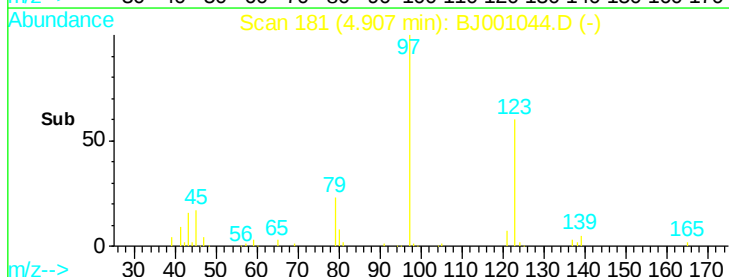
Abundance

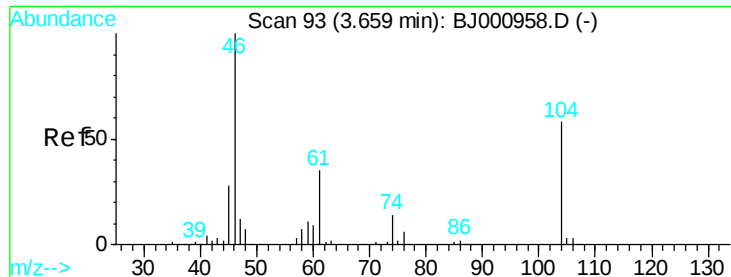
Ion 97.00 (96.70 to 97.70): BJ0

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: 3.42 ug/mL

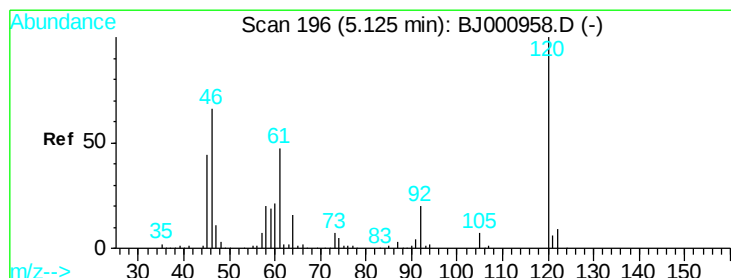
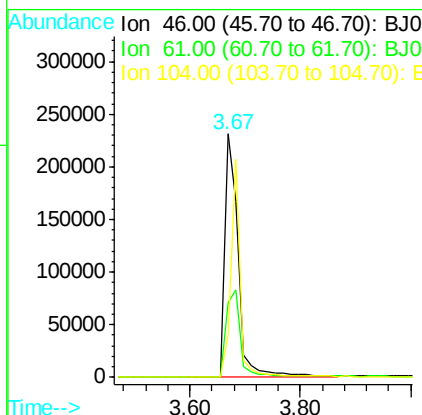
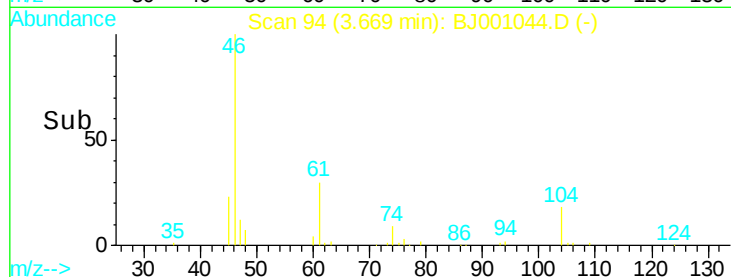
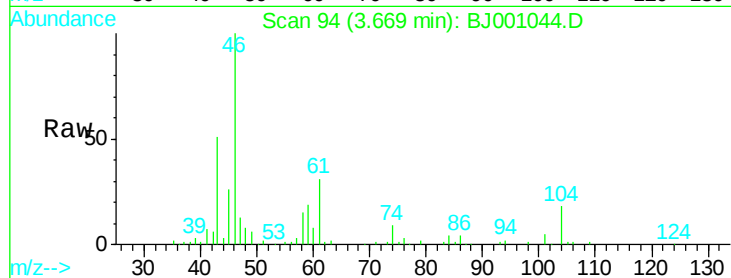
RT: 3.67 min Scan# 94

Delta R.T. 0.02 min

Lab File: BJ001044.D

Acq: 20 Jul 2012 15:27

Tgt Ion:	46	Resp:	399331
Ion	Ratio	Lower	Upper
46	100		
61	30.8	19.4	59.4
104	17.6	34.1	74.1#



#7

1,4-Dithiane

Concen: 4.11 ug/mL

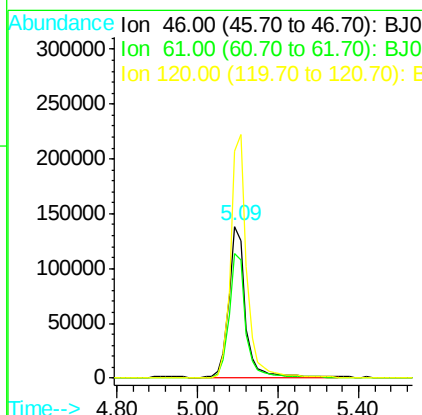
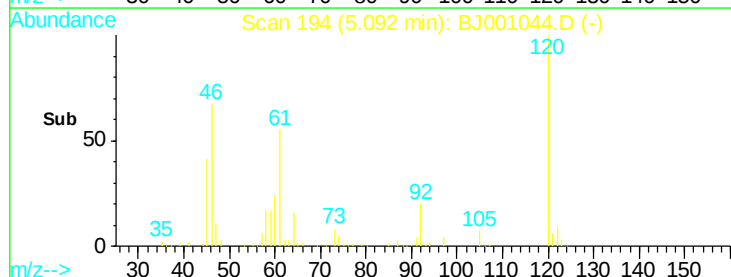
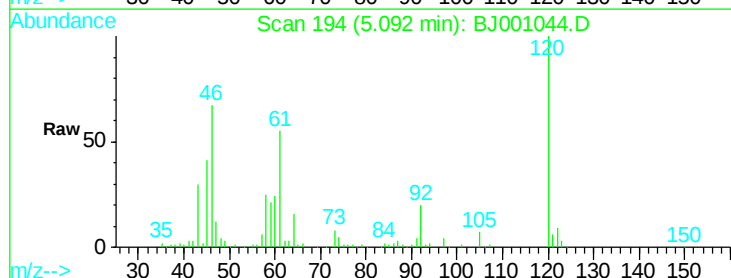
RT: 5.09 min Scan# 194

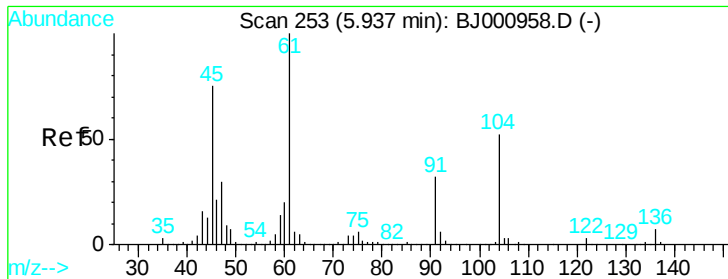
Delta R.T. -0.02 min

Lab File: BJ001044.D

Acq: 20 Jul 2012 15:27

Tgt Ion:	46	Resp:	390561
Ion	Ratio	Lower	Upper
46	100		
61	82.3	63.7	103.7
120	149.0	148.0	188.0





#8

Thiodiglycol

Concen: 28.51 ug/mL

RT: 5.89 min Scan# 250

Delta R.T. -0.03 min

Lab File: BJ001044.D

Acq: 20 Jul 2012 15:27

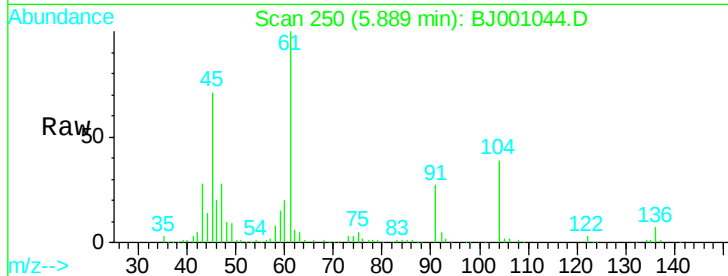
Tgt Ion: 61 Resp: 2300609

Ion Ratio Lower Upper

61 100

45 71.4 49.0 89.0

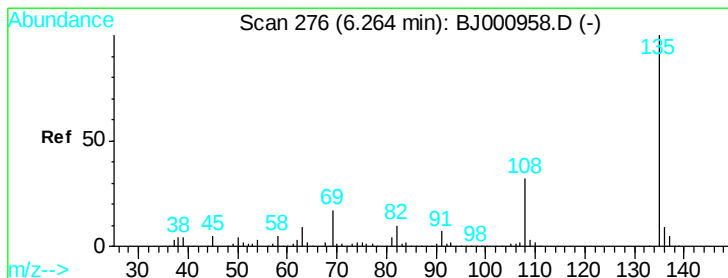
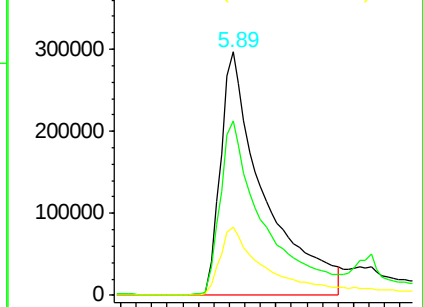
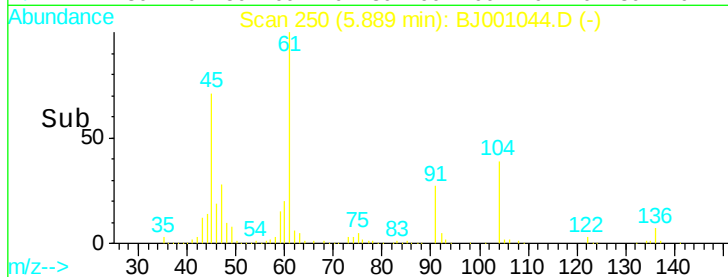
47 28.1 7.6 47.6



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: 8.94 ug/mL

RT: 6.25 min Scan# 275

Delta R.T. -0.01 min

Lab File: BJ001044.D

Acq: 20 Jul 2012 15:27

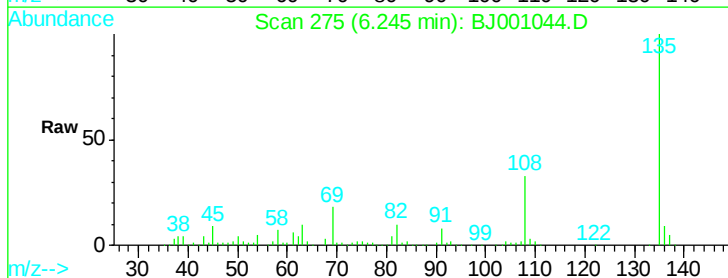
Tgt Ion:135 Resp: 2327991

Ion Ratio Lower Upper

135 100

108 33.2 9.9 49.9

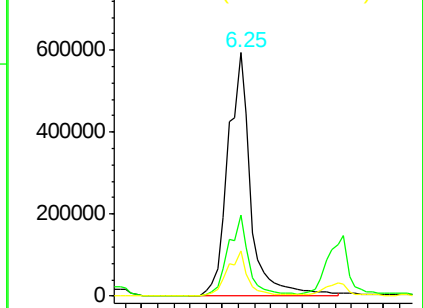
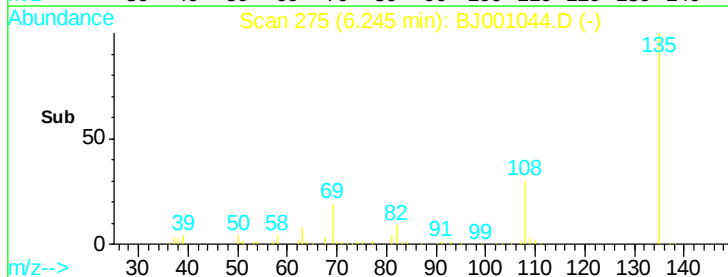
69 18.4 0.0 35.1

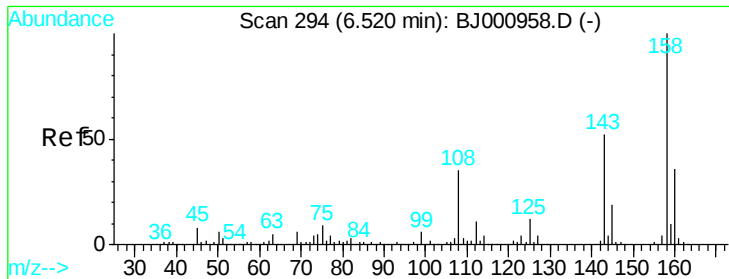


Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0

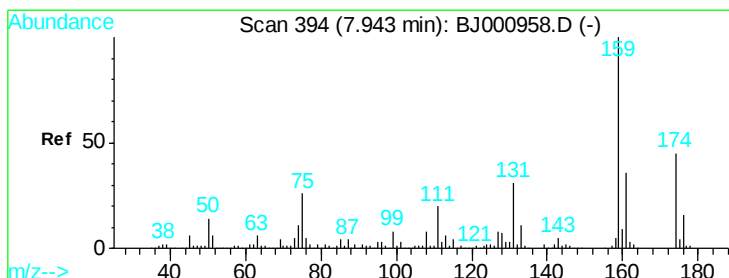
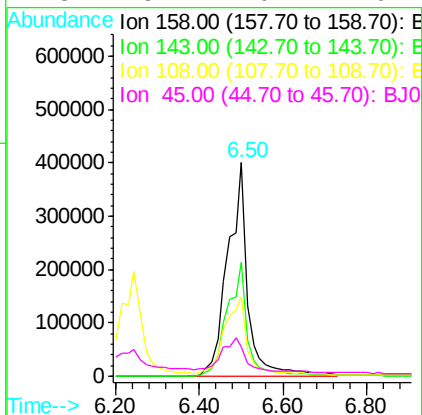
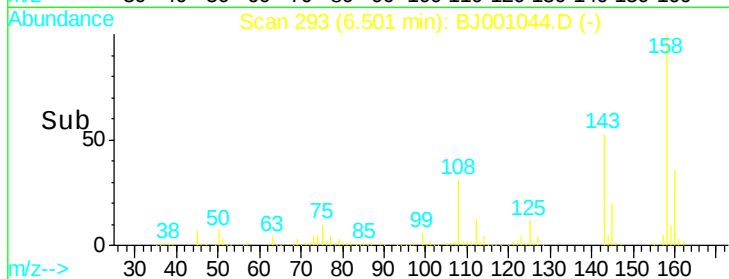
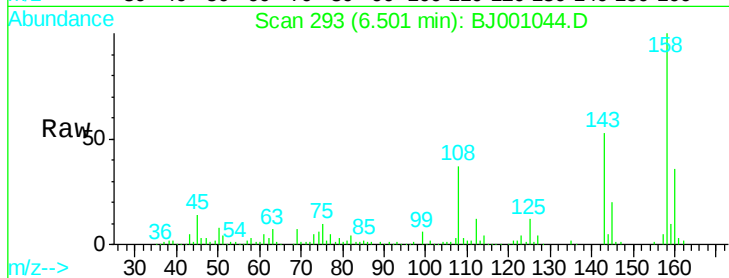




#11
 p-Chlorophenylmethylsulfide
 Concen: 8.40 ug/mL
 RT: 6.50 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BJ001044.D
 Acq: 20 Jul 2012 15:27

Tgt Ion:158 Resp: 1341192

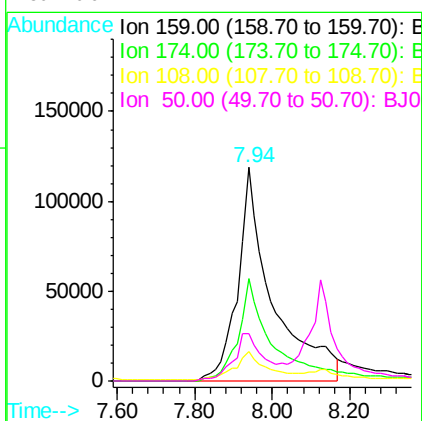
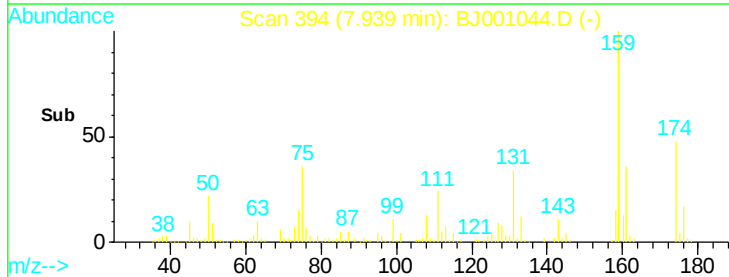
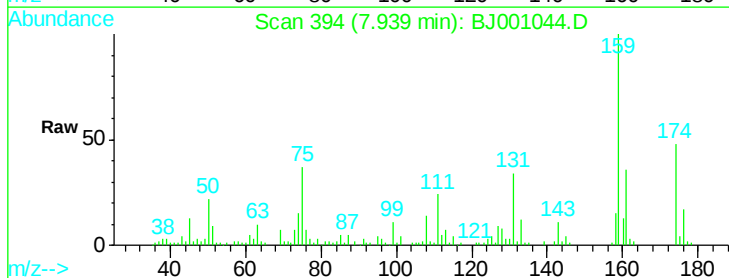
Ion	Ratio	Lower	Upper
158	100		
143	53.5	36.2	76.2
108	37.1	25.5	65.5
45	13.7	0.7	40.7

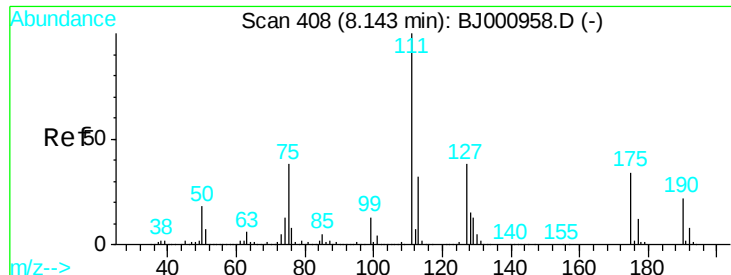


#13
 p-Chlorophenylmethylsulfoxide
 Concen: 7.75 ug/mL
 RT: 7.94 min Scan# 394
 Delta R.T. 0.01 min
 Lab File: BJ001044.D
 Acq: 20 Jul 2012 15:27

Tgt Ion:159 Resp: 736975

Ion	Ratio	Lower	Upper
159	100		
174	46.1	27.6	67.6
108	12.2	0.0	31.8
50	20.9	2.7	42.7





#14
 p-Chlorophenylmethylsulfone
 Concen: 6.61 ug/mL
 RT: 8.12 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BJ001044.D
 Acq: 20 Jul 2012 15:27

Tgt Ion:	111	Resp:	1052220
Ion	Ratio	Lower	Upper
111	100		
75	45.5	22.6	62.6
127	36.6	17.2	57.2
190	20.6	2.0	42.0

