

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000970.D
 Acq On : 27 Jun 2012 17:33
 Sample : D3152-09
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:47 2012

Vial: 14
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.69	152	193047	2.00	ug/mL	0.00
6) Naphthalene-d8	5.98	136	826032	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.05	99	172447	0.53	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	106.00%
12) 2-Bromothioanisole	7.28	204	224862	3.99	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%

Target Compounds

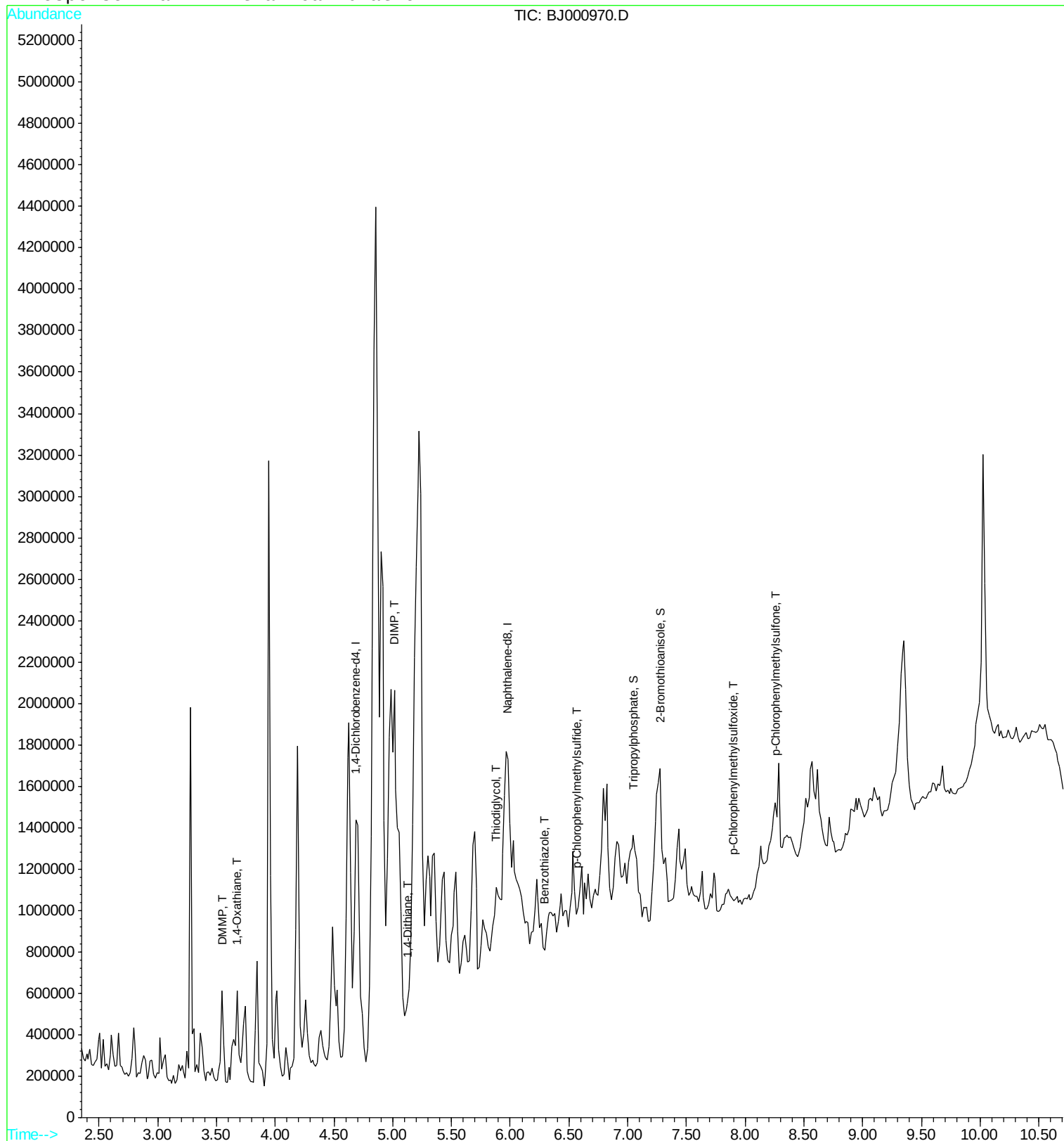
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.55	79	20512	0.32	ug/mL#	18
4) DIMP	5.01	97	1442293	8.74	ug/mL	86
5) 1,4-Oxathiane	3.68	46	101481	1.57	ug/mL#	49
7) 1,4-Dithiane	5.13	46	43487	0.74	ug/mL#	71
8) Thiodiglycol	5.88	61	13183	1.71	ug/mL#	1
9) Benzothiazole	6.29	135	25430	0.11	ug/mL#	1
11) p-Chlorophenylmethylsulfid	6.56	158	5193	0.04	ug/mL#	1
13) p-Chlorophenylmethylsulfox	7.90	159	4500	0.10	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.26	111	14866	0.12	ug/mL	80

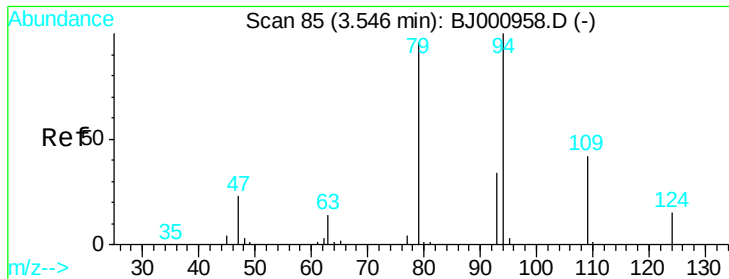
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Title : CWA degradation products by GCMS
Last Update : Thu Jun 28 10:45:59 2012
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#3

DMMP

Concen: 0.32 ug/mL

RT: 3.55 min Scan# 85

Delta R.T. 0.00 min

Lab File: BJ000970.D

Acq: 27 Jun 2012 17:33

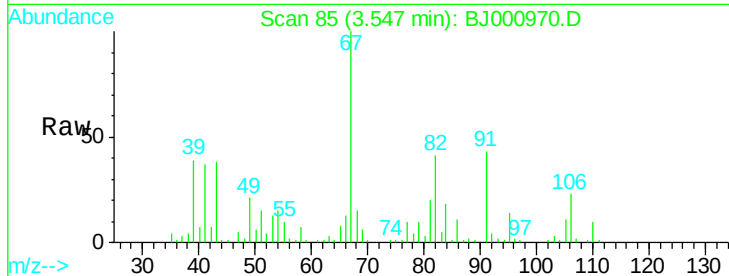
Tgt Ion: 79 Resp: 20512

Ion Ratio Lower Upper

79 100

94 5.9 84.5 124.5#

109 11.6 23.4 63.4#

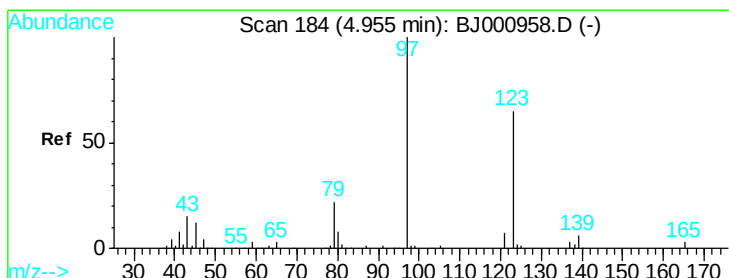
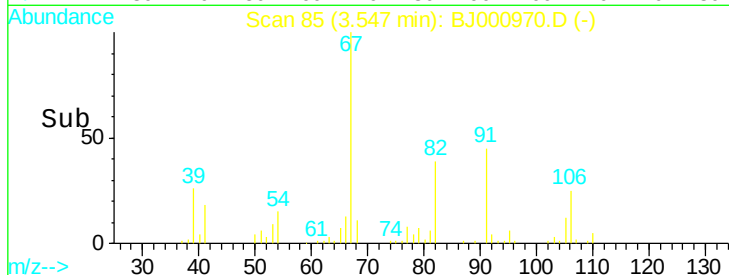
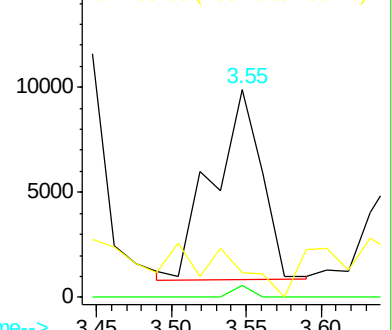


Abundance

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: 8.74 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. 0.06 min

Lab File: BJ000970.D

Acq: 27 Jun 2012 17:33

Tgt Ion: 97 Resp: 1442293

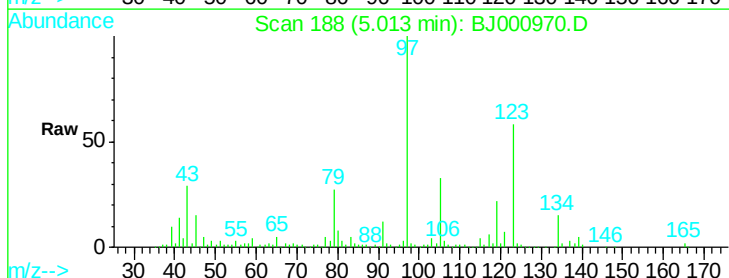
Ion Ratio Lower Upper

97 100

123 58.2 45.3 85.3

43 28.7 0.0 35.5

41 13.8 0.0 27.9



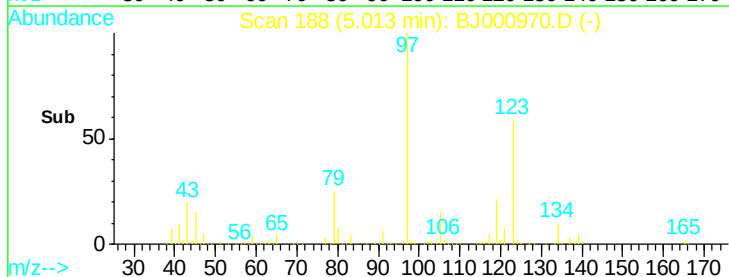
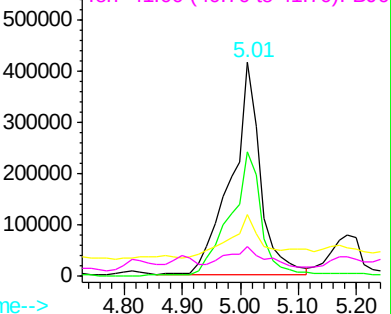
Abundance

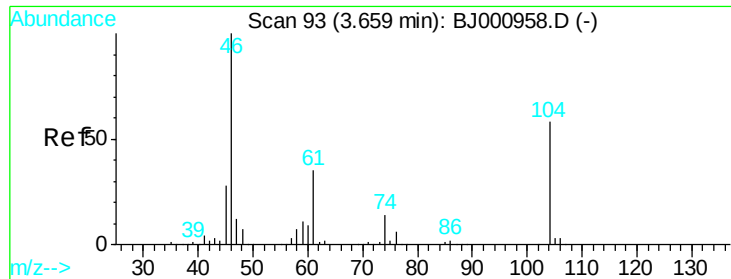
Ion 97.00 (96.70 to 97.70): BJ0

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: 1.57 ug/mL

RT: 3.68 min Scan# 94

Delta R.T. 0.02 min

Lab File: BJ000970.D

Acq: 27 Jun 2012 17:33

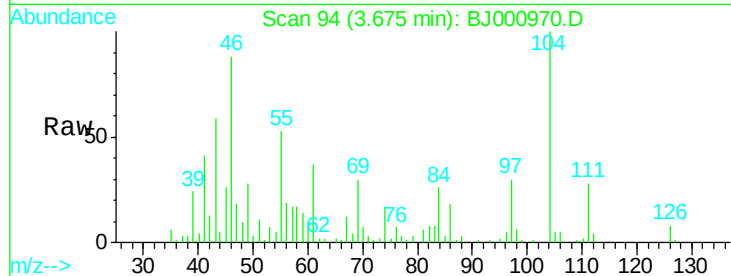
Tgt Ion: 46 Resp: 101481

Ion Ratio Lower Upper

46 100

61 42.4 15.3 55.3

104 113.6 38.4 78.4#

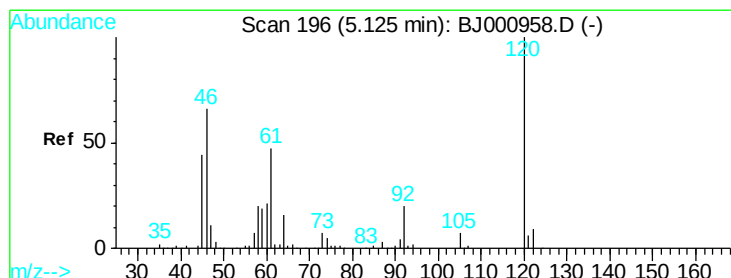
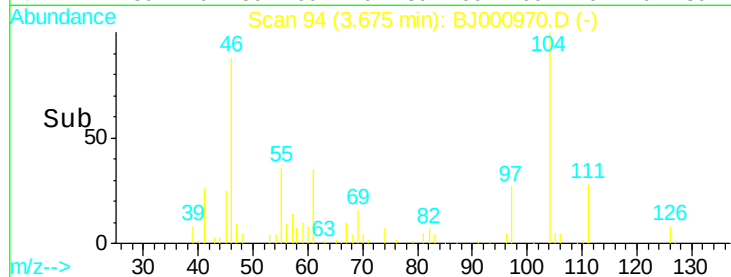
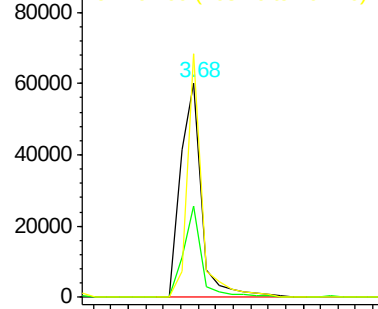


Abundance

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: 0.74 ug/mL

RT: 5.13 min Scan# 196

Delta R.T. 0.00 min

Lab File: BJ000970.D

Acq: 27 Jun 2012 17:33

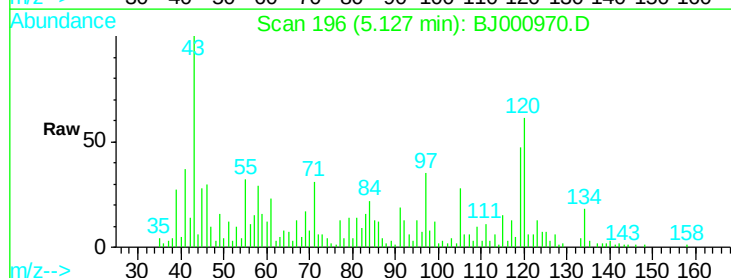
Tgt Ion: 46 Resp: 43487

Ion Ratio Lower Upper

46 100

61 76.2 50.6 90.6

120 200.4 131.1 171.1#

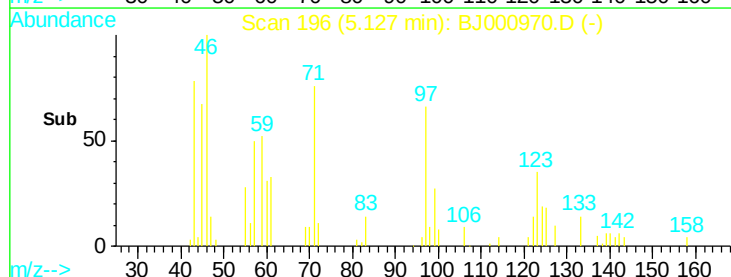
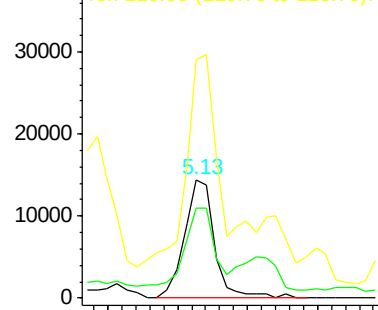


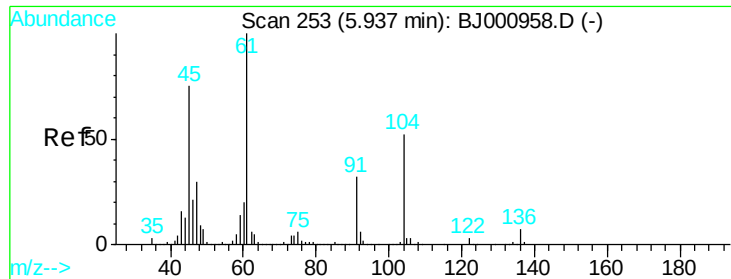
Abundance

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: 1.71 ug/mL

RT: 5.88 min Scan# 249

Delta R.T. -0.06 min

Lab File: BJ000970.D

Acq: 27 Jun 2012 17:33

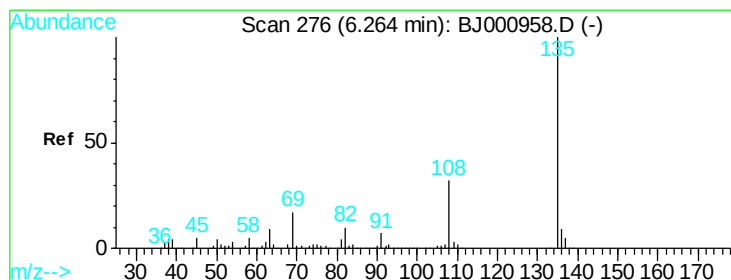
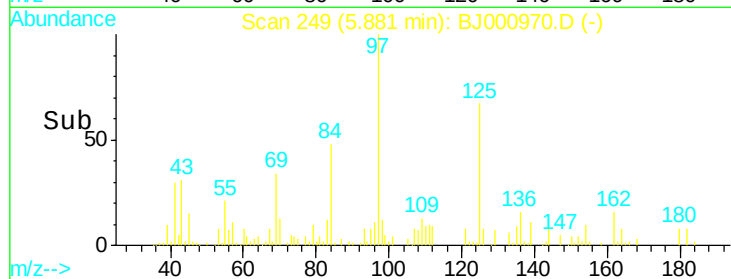
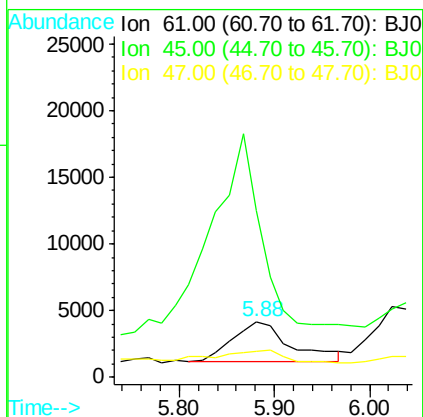
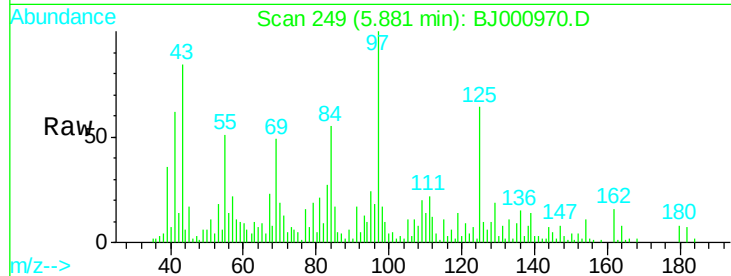
Tgt Ion: 61 Resp: 13183

Ion Ratio Lower Upper

61 100

45 299.1 55.5 95.5#

47 45.9 10.4 50.4



#9

Benzothiazole

Concen: 0.11 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.03 min

Lab File: BJ000970.D

Acq: 27 Jun 2012 17:33

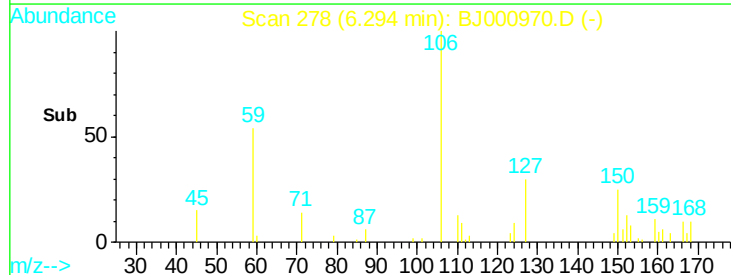
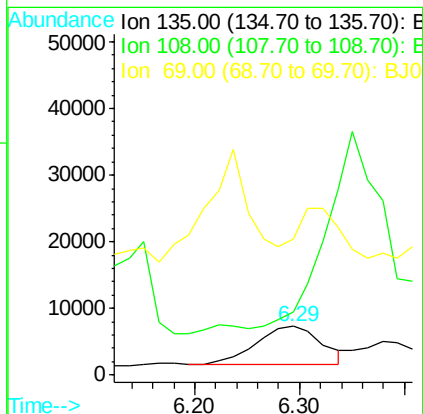
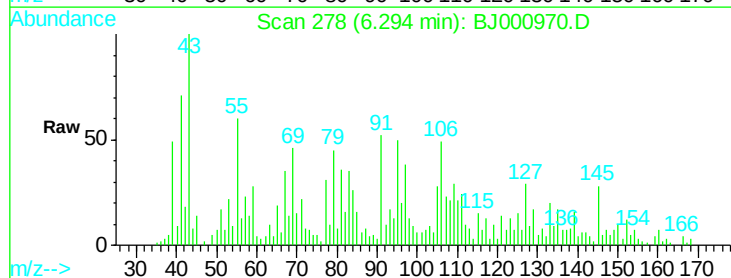
Tgt Ion: 135 Resp: 25430

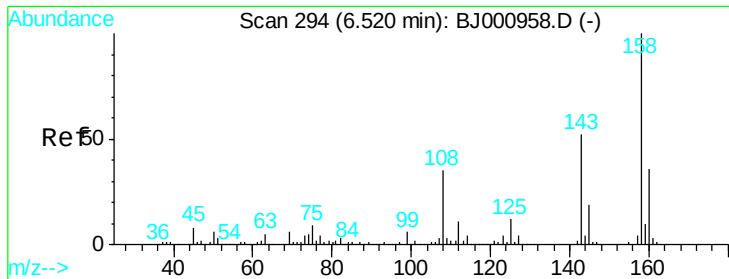
Ion Ratio Lower Upper

135 100

108 129.9 12.4 52.4#

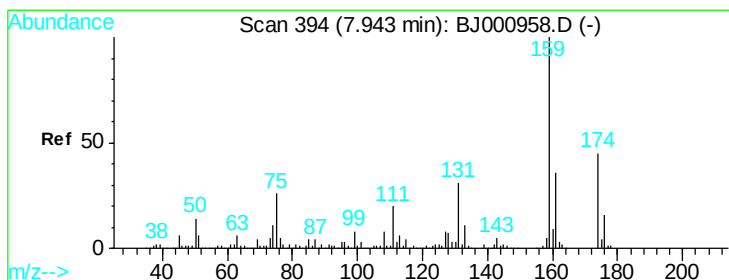
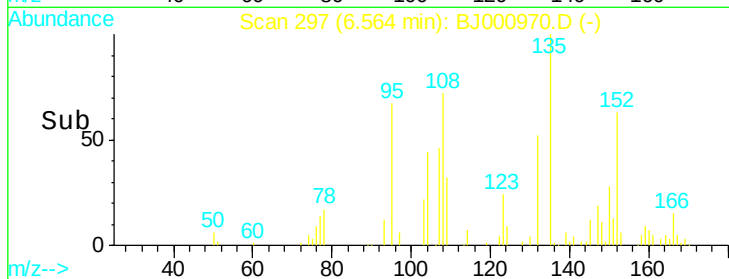
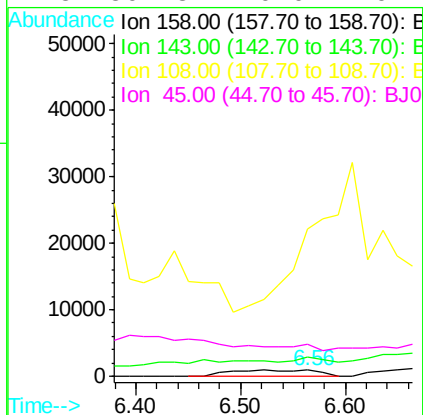
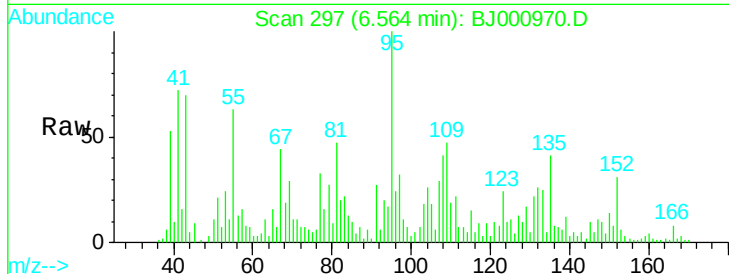
69 280.3 0.0 36.7#





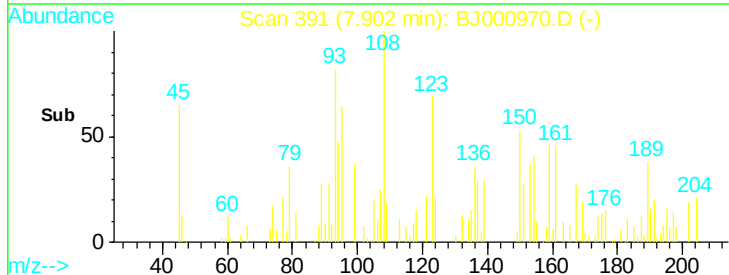
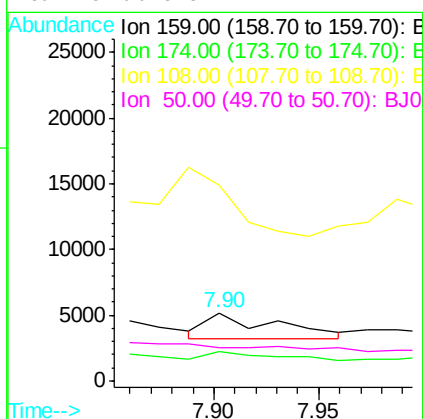
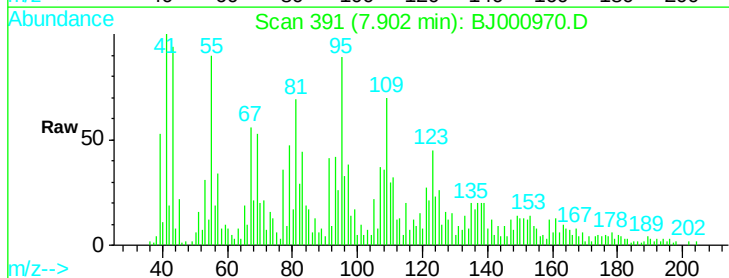
#11
p-Chlorophenylmethylsulfide
Concen: 0.04 ug/mL
RT: 6.56 min Scan# 297
Delta R.T. 0.04 min
Lab File: BJ000970.D
Acq: 27 Jun 2012 17:33

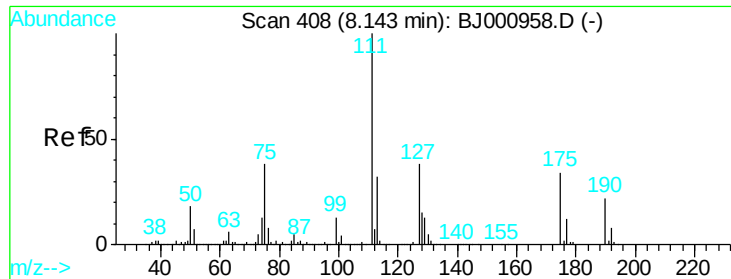
Tgt Ion:158 Resp: 5193
Ion Ratio Lower Upper
158 100
143 306.2 31.9 71.9#
108 2354.9 15.8 55.8#
45 507.3 0.0 29.2#



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.10 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. -0.04 min
Lab File: BJ000970.D
Acq: 27 Jun 2012 17:33

Tgt Ion:159 Resp: 4500
Ion Ratio Lower Upper
159 100
174 34.2 26.0 66.0
108 692.2 0.0 28.6#
50 12.5 0.0 37.3





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.12 ug/mL
 RT: 8.26 min Scan# 416
 Delta R.T. 0.12 min
 Lab File: BJ000970.D
 Acq: 27 Jun 2012 17:33

Tgt Ion:	111	Resp:	14866
Ion Ratio		Lower	Upper
111	100		
75	20.5	19.3	59.3
127	35.6	18.4	58.4
190	9.0	1.5	41.5

