

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000939.D
 Acq On : 8 Jun 2012 17:07
 Sample : D2917-01
 Misc : SOIL BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 8 17:49 2012

Vial: 5
 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 : Fri Jun 08 15:52:40 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.70	152	272518	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.99	136	1119729	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.06	99	280550	0.64	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	128.00%
12) 2-Bromothioanisole	7.29	204	282495	3.70	ug/mL	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.72	94	265389	2.87	ug/mL	94
3) DMMP	3.58	79	164190	1.63	ug/mL	100
4) DIMP	5.00	97	859450	3.69	ug/mL#	82
5) 1,4-Oxathiane	3.72	46	344481	3.79	ug/mL#	1
7) 1,4-Dithiane	5.16	46	303868	3.81	ug/mL	92
8) Thiodiglycol	5.94	61	2022605	30.61	ug/mL	99
9) Benzothiazole	6.29	135	2320309	7.54	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.54	158	1321959	6.85	ug/mL	94
13) p-Chlorophenylmethyldisulfox	7.97	159	1109096	9.71	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.17	111	1220187	7.49	ug/mL	95

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Quant Time: Jun 8 17:49 2012

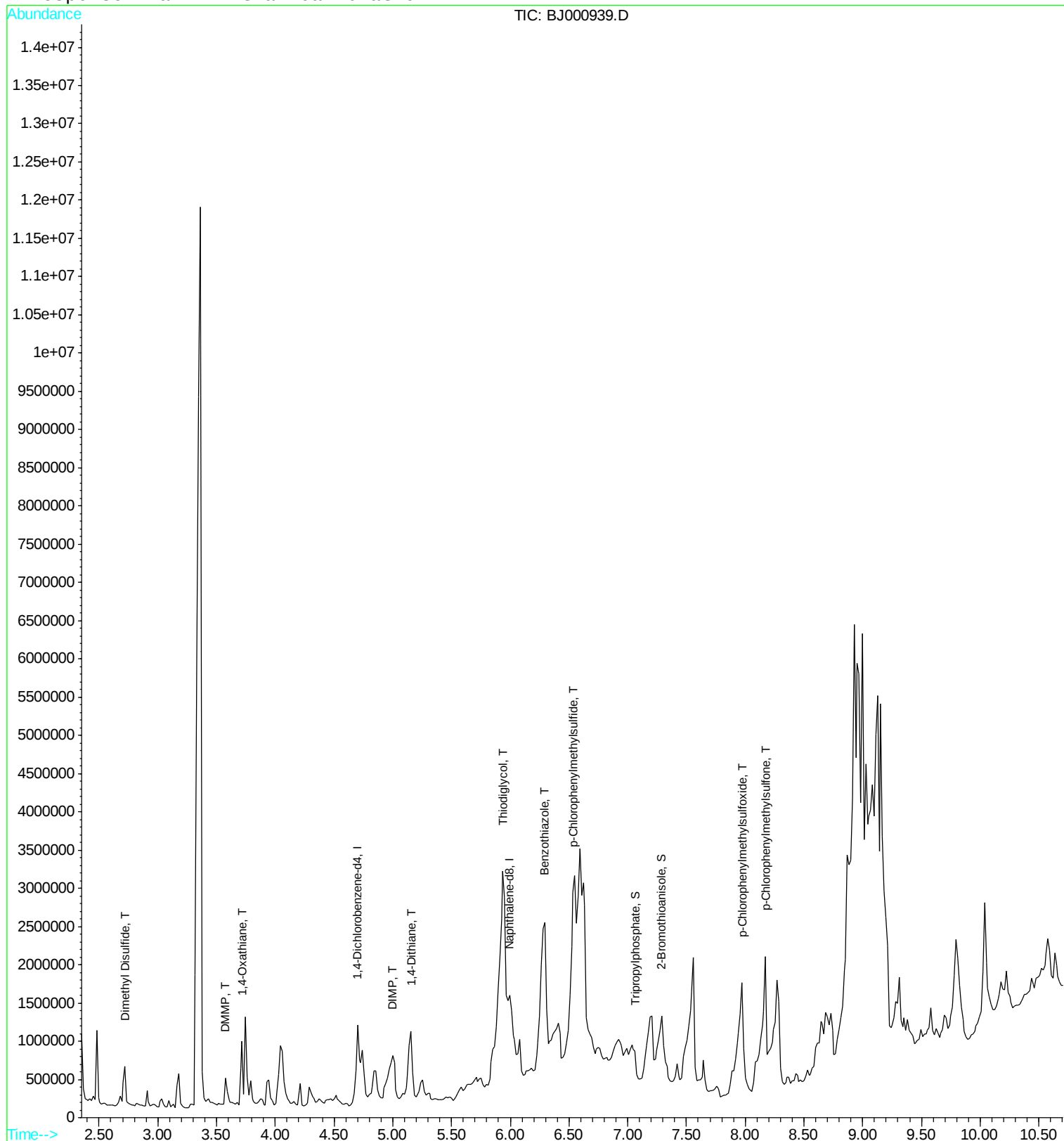
Quant Results File: BJ060812.RES

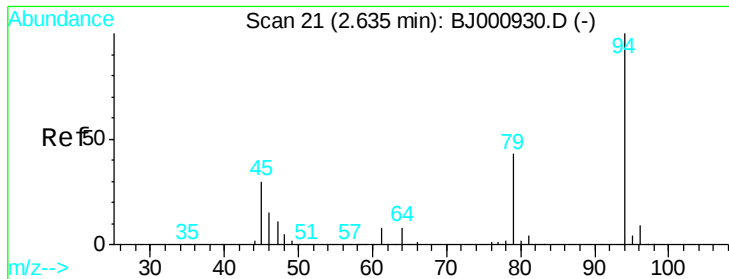
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

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#2

Dimethyl Disulfide

Concen: 2.87 ug/mL

RT: 2.72 min Scan# 27

Delta R.T. 0.09 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

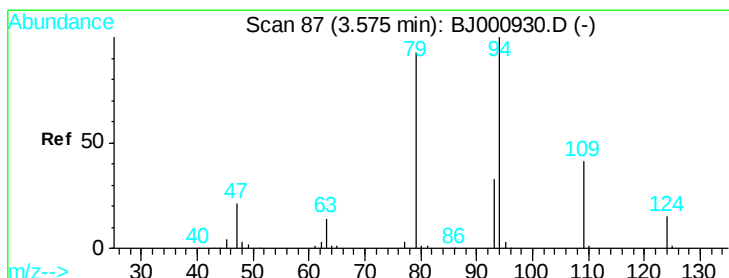
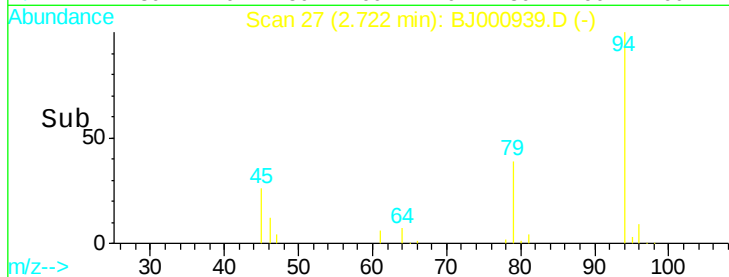
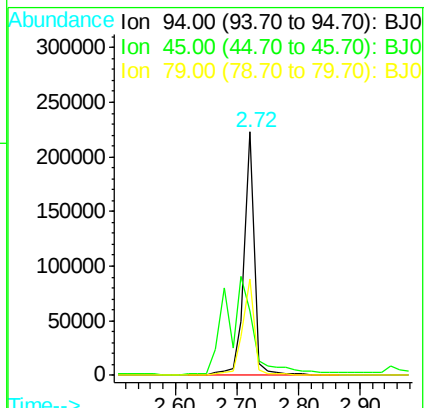
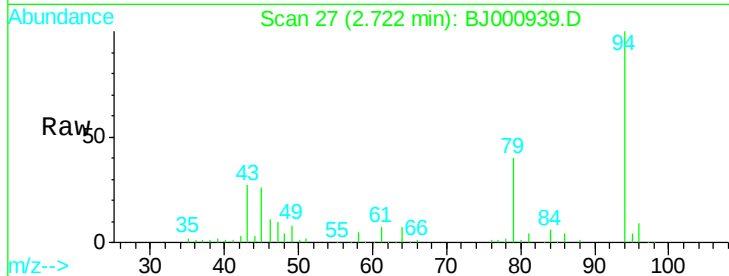
Tgt Ion: 94 Resp: 265389

Ion Ratio Lower Upper

94 100

45 26.5 11.1 51.1

79 39.8 22.9 62.9



#3

DMMP

Concen: 1.63 ug/mL

RT: 3.58 min Scan# 87

Delta R.T. 0.00 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

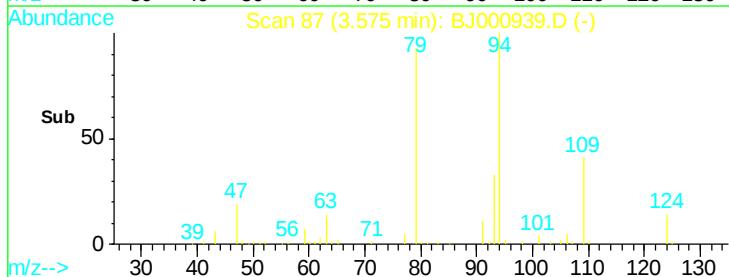
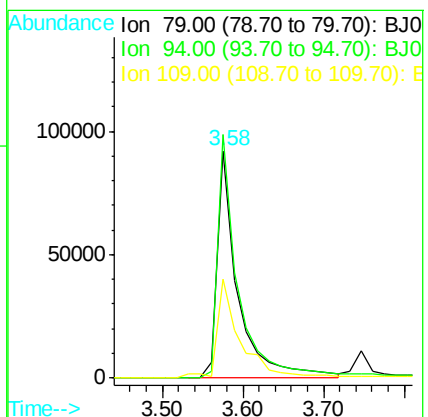
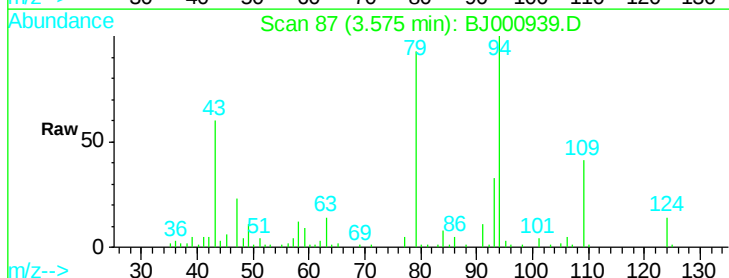
Tgt Ion: 79 Resp: 164190

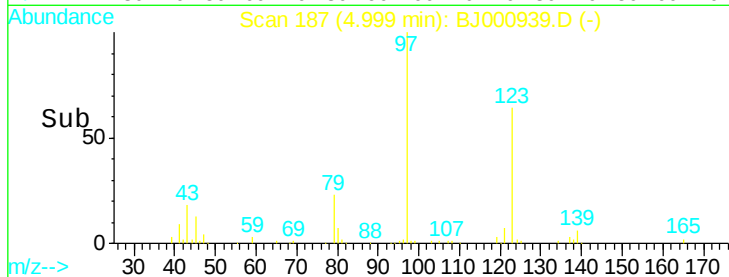
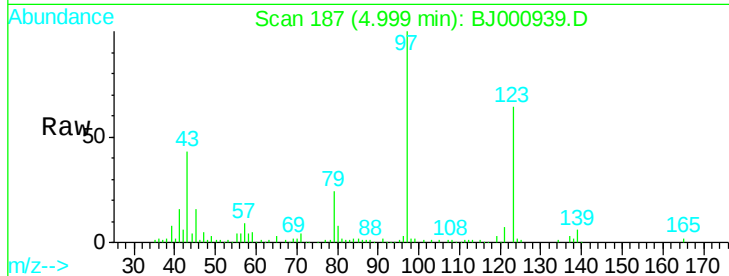
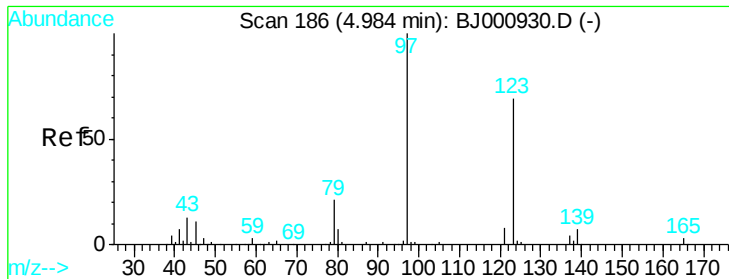
Ion Ratio Lower Upper

79 100

94 107.2 87.0 127.0

109 43.8 24.1 64.1





#4

DIMP

Concen: 3.69 ug/mL

RT: 5.00 min Scan# 187

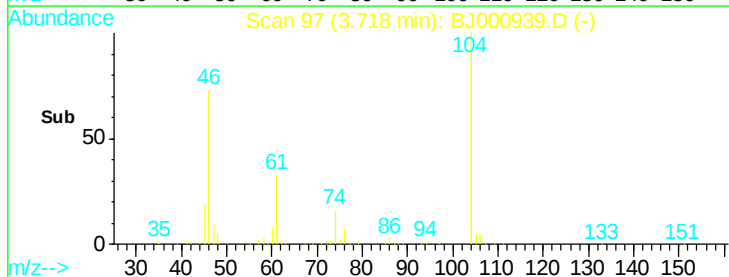
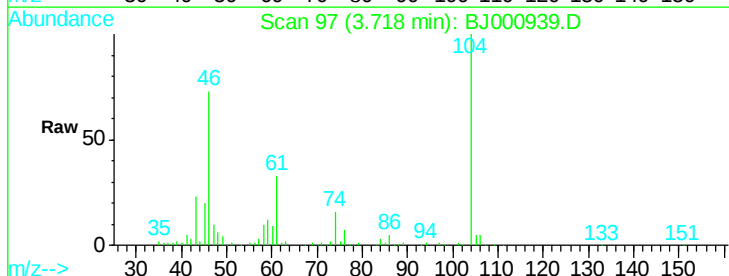
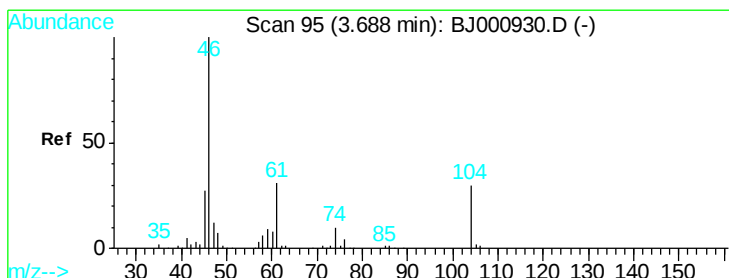
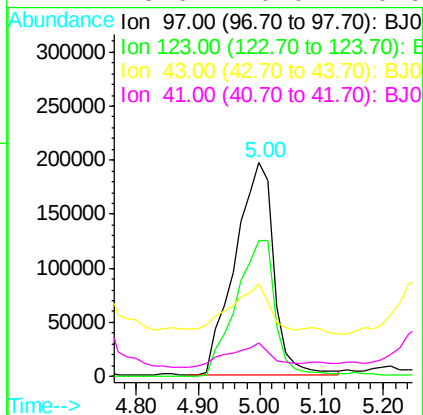
Delta R.T. 0.02 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Tgt Ion: 97 Resp: 859450

Ion	Ratio	Lower	Upper
97	100		
123	63.8	49.1	89.1
43	43.2	0.0	33.2#
41	15.6	0.0	26.5



#5

1,4-Oxathiane

Concen: 3.79 ug/mL

RT: 3.72 min Scan# 97

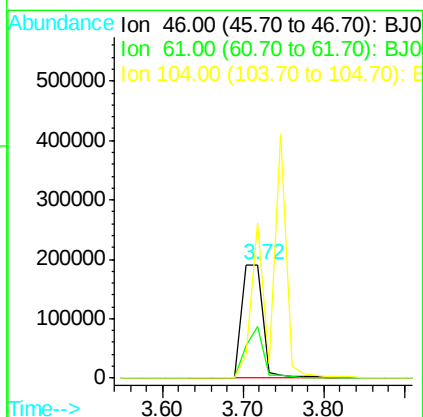
Delta R.T. 0.03 min

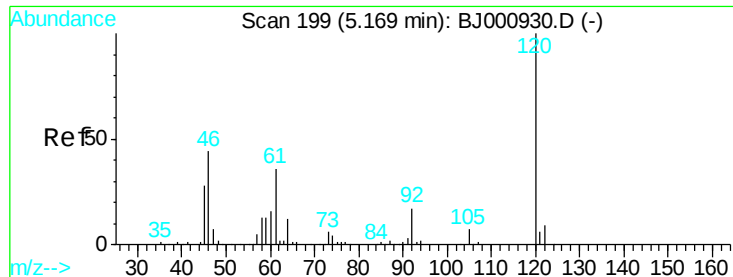
Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Tgt Ion: 46 Resp: 344481

Ion	Ratio	Lower	Upper
46	100		
61	45.4	11.2	51.2
104	136.8	10.0	50.0#





#7

1,4-Dithiane

Concen: 3.81 ug/mL

RT: 5.16 min Scan# 198

Delta R.T. -0.01 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

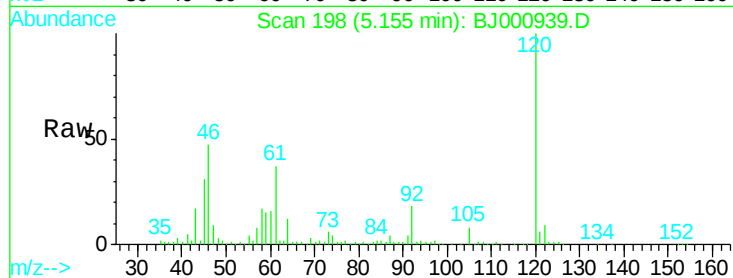
Tgt Ion: 46 Resp: 303868

Ion Ratio Lower Upper

46 100

61 79.4 61.9 101.9

120 212.1 208.1 248.1

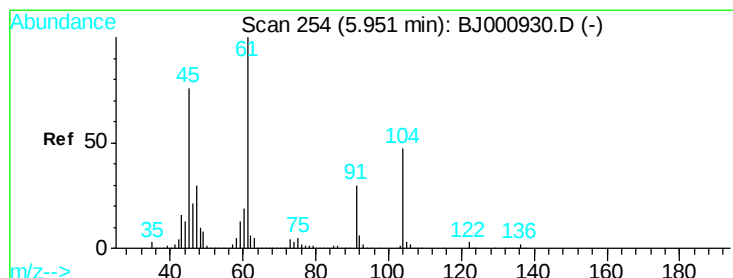
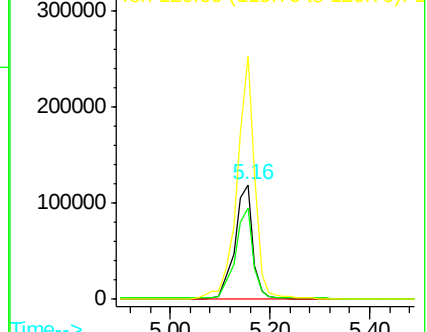
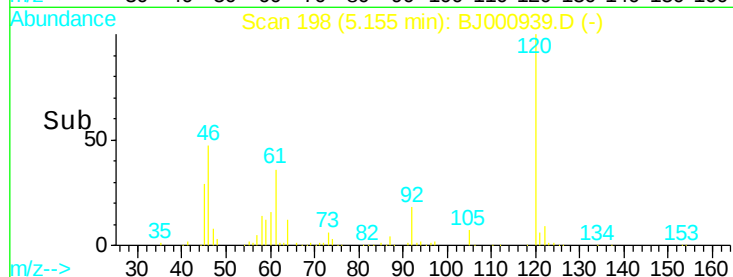


Abundance

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: 30.61 ug/mL

RT: 5.94 min Scan# 253

Delta R.T. -0.01 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

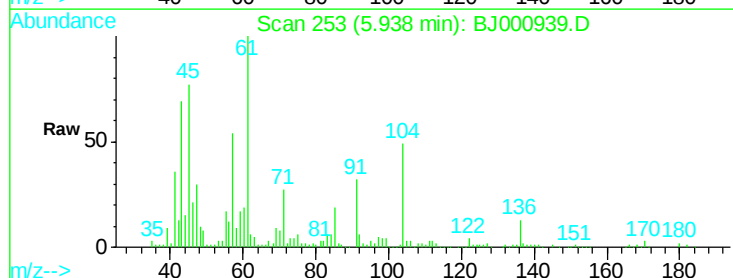
Tgt Ion: 61 Resp: 2022605

Ion Ratio Lower Upper

61 100

45 76.9 56.3 96.3

47 30.3 10.1 50.1

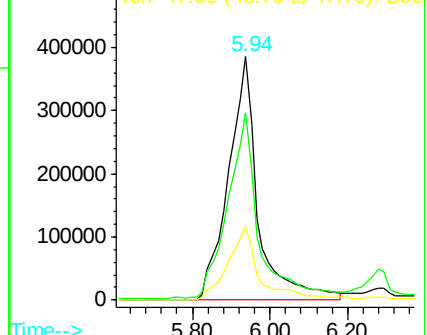
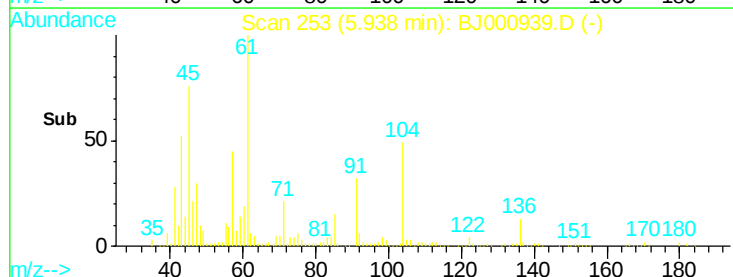


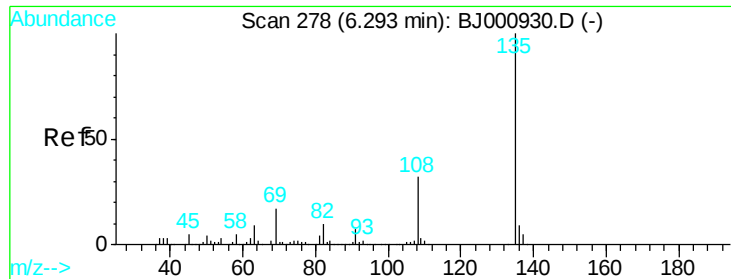
Abundance

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: 7.54 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.00 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

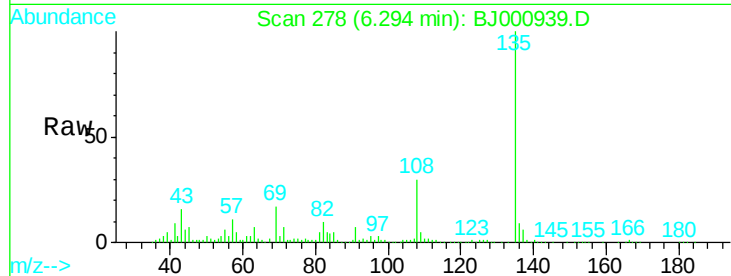
Tgt Ion:135 Resp: 2320309

Ion Ratio Lower Upper

135 100

108 29.7 12.0 52.0

69 17.0 0.0 36.6

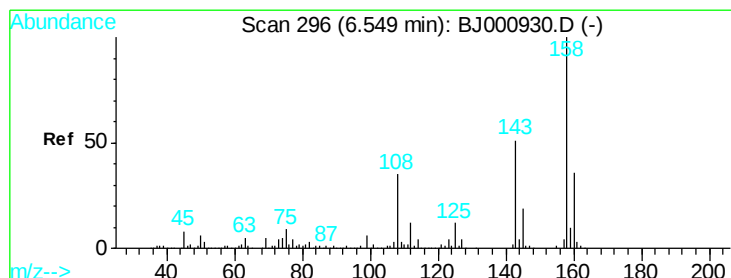
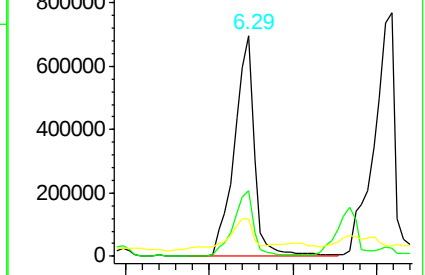
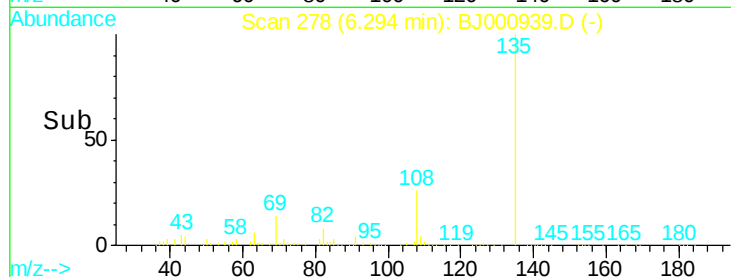


Abundance

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: 6.85 ug/mL

RT: 6.54 min Scan# 295

Delta R.T. -0.01 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Tgt Ion:158 Resp: 1321959

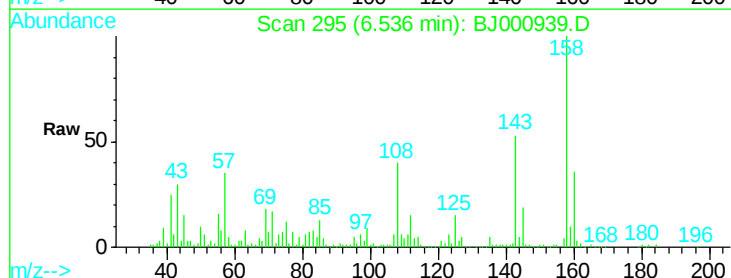
Ion Ratio Lower Upper

158 100

143 53.4 31.3 71.3

108 39.8 14.9 54.9

45 15.2 0.0 28.5



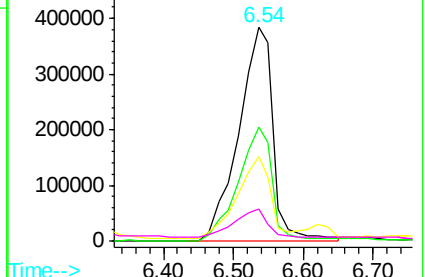
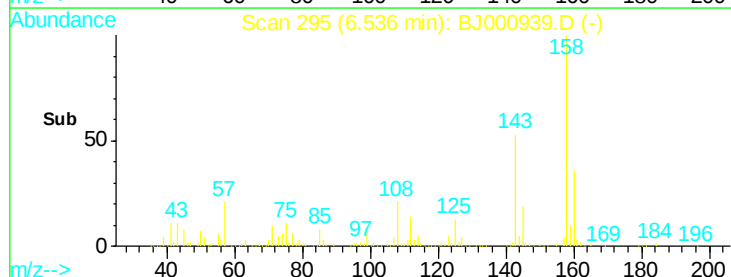
Abundance

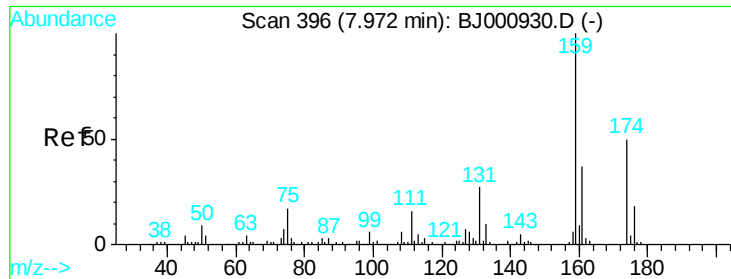
Ion 158.00 (157.70 to 158.70): E

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

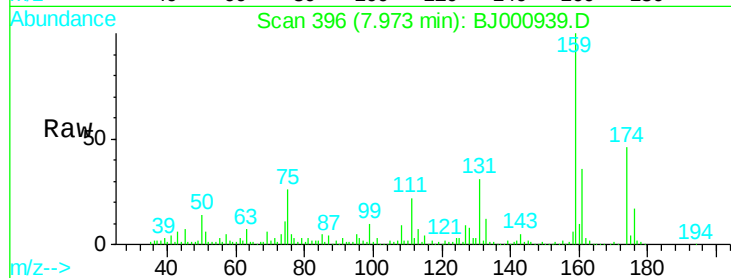




#13
p-Chlorophenylmethylsulfoxide
Concen: 9.71 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. 0.00 min
Lab File: BJ000939.D
Acq: 8 Jun 2012 17:07

Tgt Ion:159 Resp: 1109096

Ion	Ratio	Lower	Upper
159	100		
174	46.2	27.0	67.0
108	8.6	0.0	28.3
50	16.7	0.0	36.8



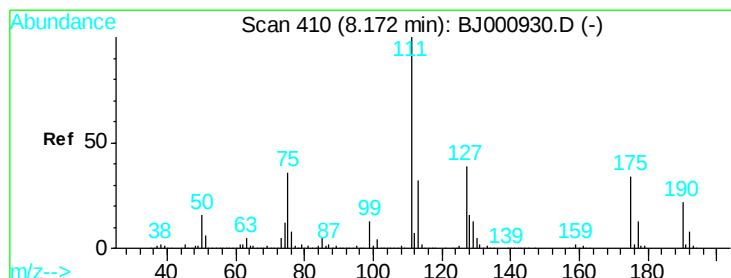
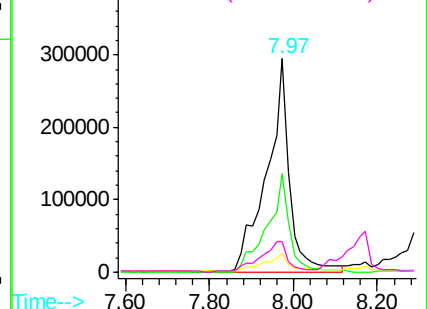
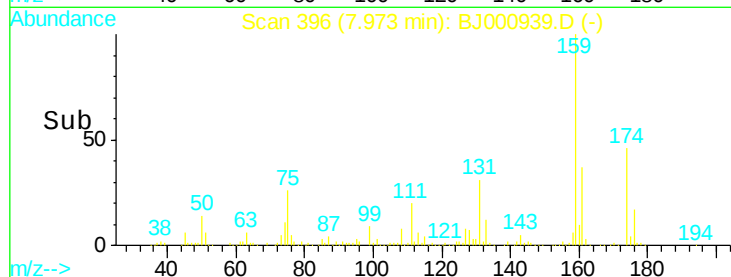
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

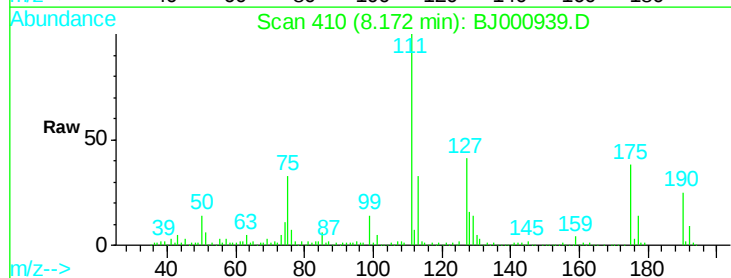
Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 7.49 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. 0.00 min
Lab File: BJ000939.D
Acq: 8 Jun 2012 17:07

Tgt Ion:111 Resp: 1220187

Ion	Ratio	Lower	Upper
111	100		
75	32.6	16.5	56.5
127	41.2	19.3	59.3
190	25.0	2.0	42.0



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

