

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000936.D

Vial: 8

Acq On : 8 Jun 2012 14:56

Operator: HLM

Sample : CWA-ICV

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 8 15:52 2012

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 15:54:08 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.71	152	271022	2.00	ug/mL	0.00
6) Naphthalene-d8	6.00	136	1198470	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.00	99	1883	0.00	ug/mL	-0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	=	0.00%#
12) 2-Bromothioanisole	0.00	204	0	0.00	ug/mL	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.77	94	168817	1.83	ug/mL	76
3) DMMP	3.58	79	23954	0.27	ug/mL	99
4) DIMP	4.98	97	144453	0.62	ug/mL#	64
5) 1,4-Oxathiane	3.73	46	116837	1.29	ug/mL#	37
7) 1,4-Dithiane	5.15	46	102481	1.20	ug/mL#	75
8) Thiodiglycol	5.90	61	645460	10.50	ug/mL	99
9) Benzothiazole	6.29	135	1291037	3.92	ug/mL	99
11) p-Chlorophenylmethyldisulfid	6.54	158	516226	2.50	ug/mL	93
13) p-Chlorophenylmethyldisulfox	7.97	159	342698	3.10	ug/mL	98
14) p-Chlorophenylmethyldisulfon	8.17	111	448170	2.57	ug/mL	98

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Quant Time: Jun 8 15:52 2012

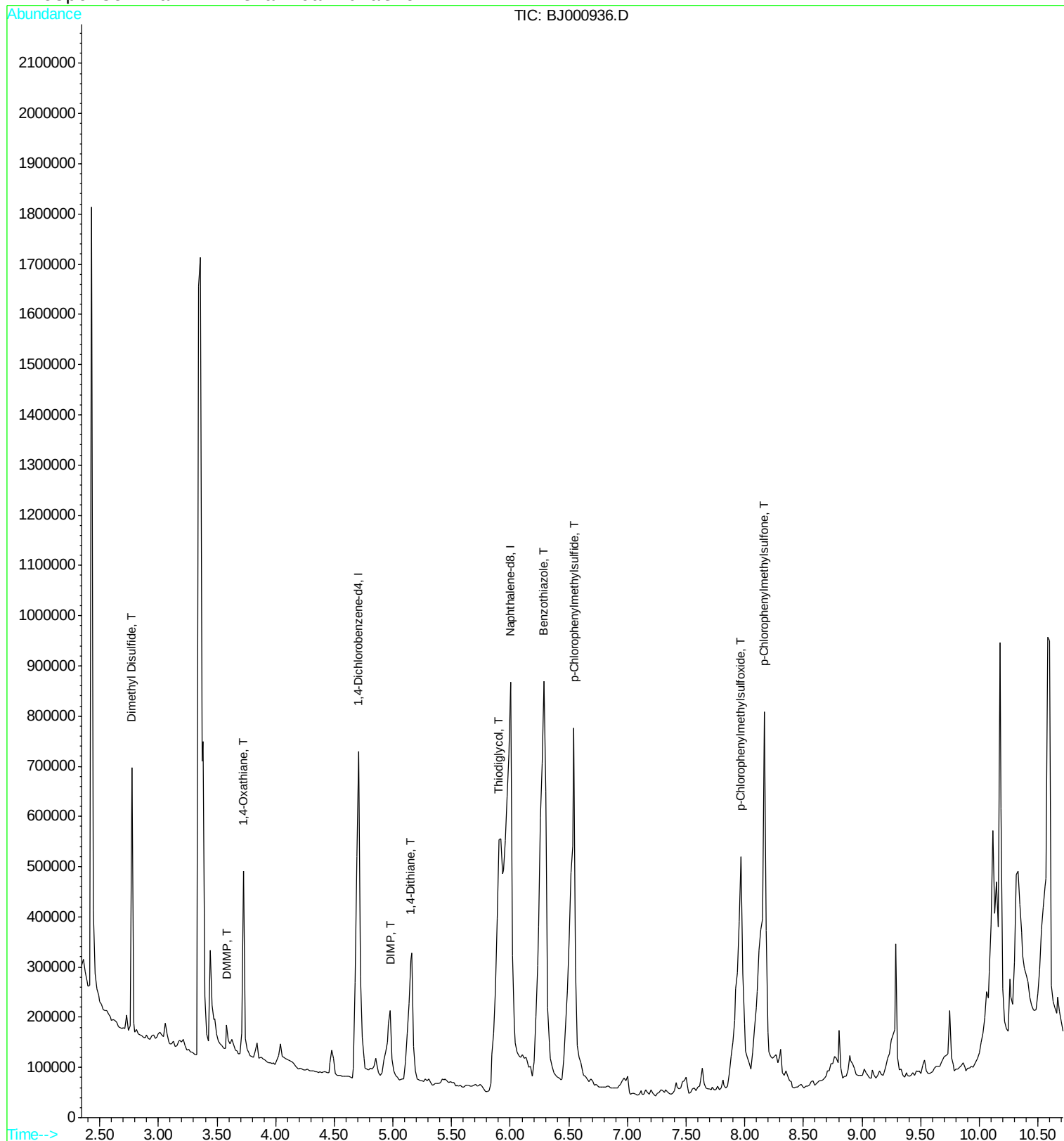
Quant Results File: BJ060812.RES

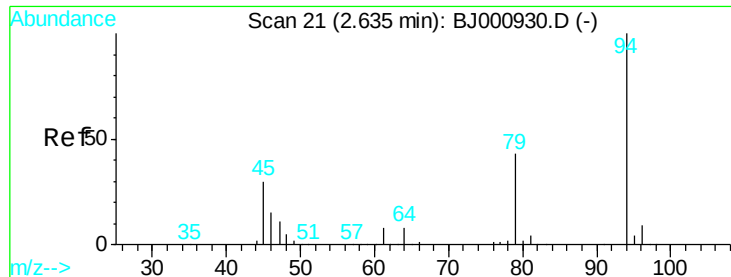
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jun 08 15:52:40 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.83 ug/mL

RT: 2.77 min Scan# 31

Delta R.T. 0.14 min

Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

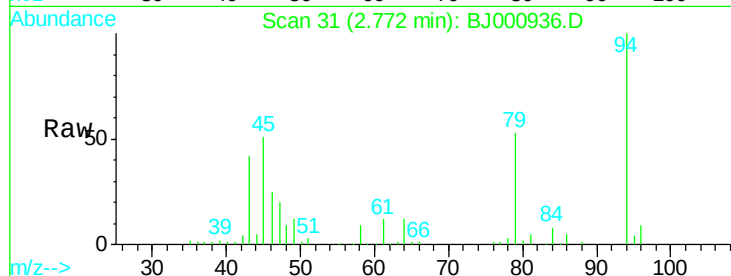
Tgt Ion: 94 Resp: 168817

Ion Ratio Lower Upper

94 100

45 50.9 11.1 51.1

79 52.6 22.9 62.9

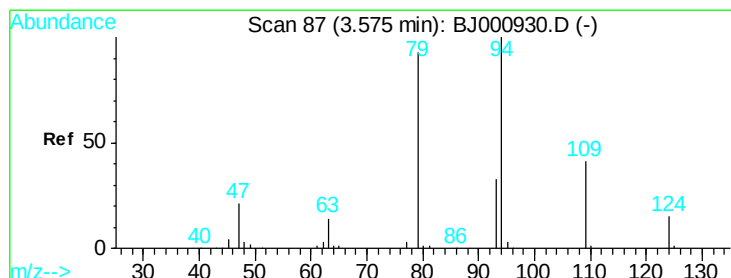
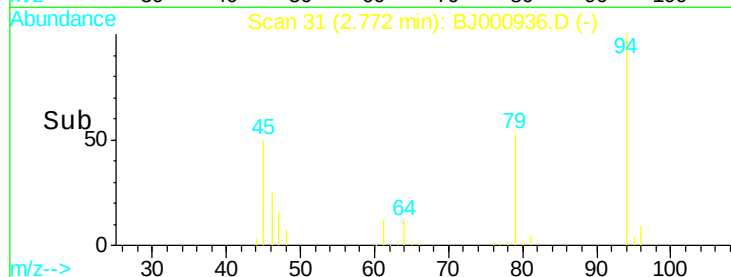
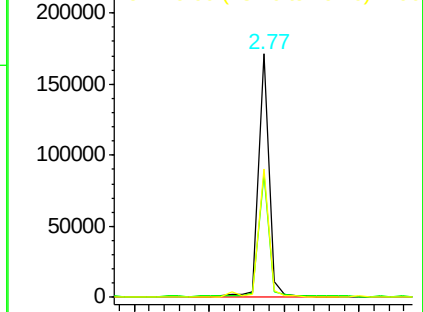


Abundance

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: 0.27 ug/mL

RT: 3.58 min Scan# 88

Delta R.T. 0.01 min

Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

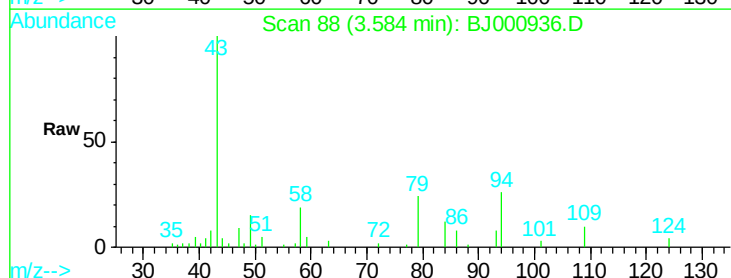
Tgt Ion: 79 Resp: 23954

Ion Ratio Lower Upper

79 100

94 108.4 87.0 127.0

109 43.5 24.1 64.1

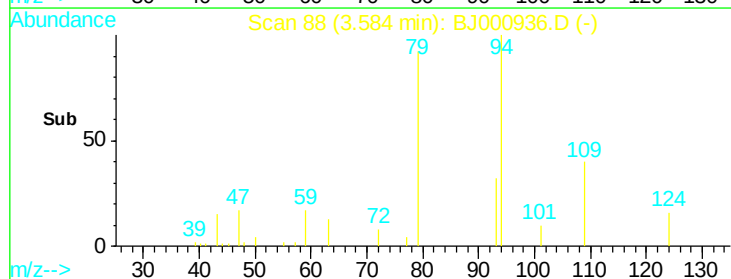
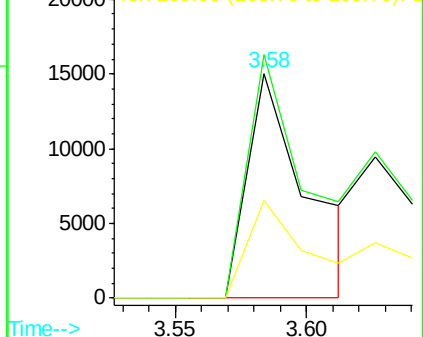


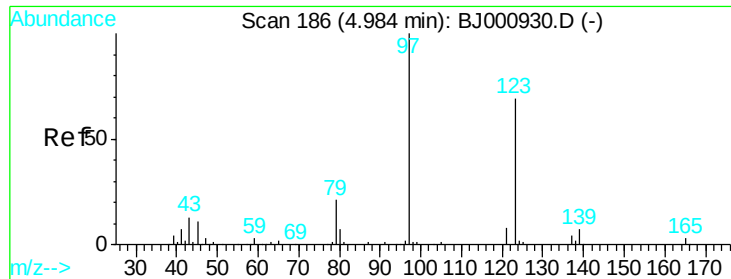
Abundance

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: 0.62 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. -0.00 min

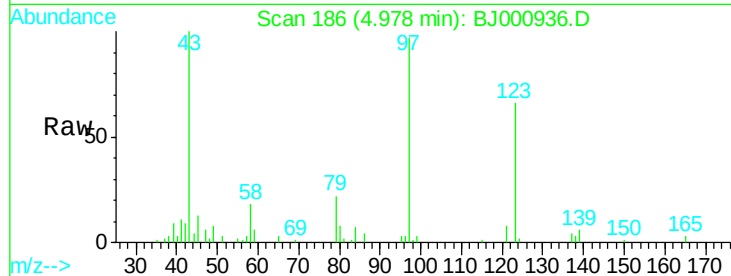
Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

Tgt Ion: 97 Resp: 144453

Ion Ratio Lower Upper

97	100		
123	67.7	49.1	89.1
43	103.3	0.0	33.2#
41	11.6	0.0	26.5



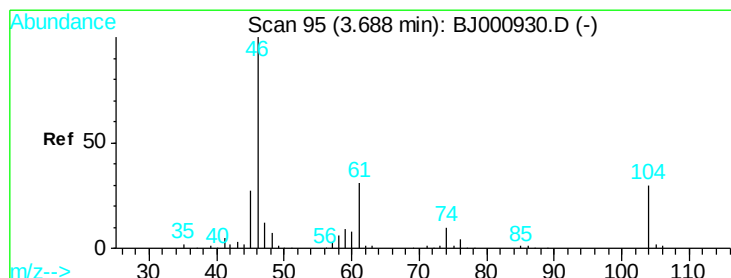
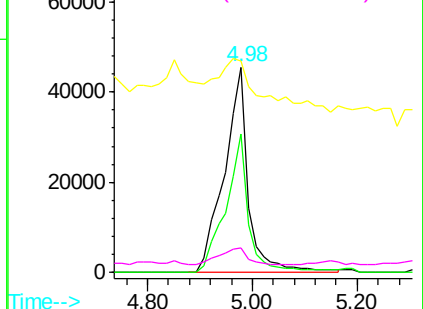
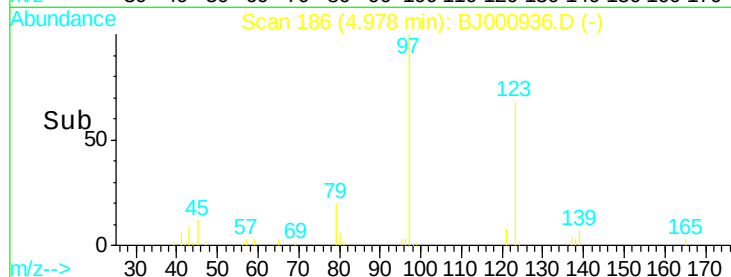
Abundance

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: 1.29 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.04 min

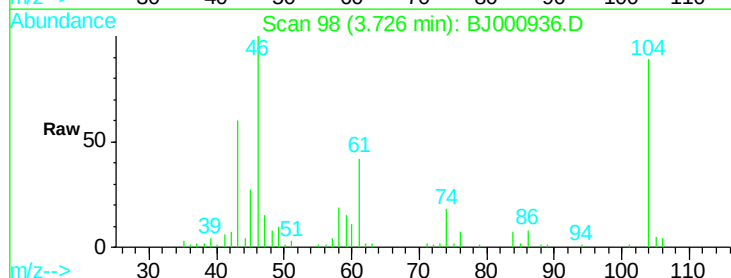
Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

Tgt Ion: 46 Resp: 116837

Ion Ratio Lower Upper

46	100		
61	42.0	11.2	51.2
104	89.0	10.0	50.0#

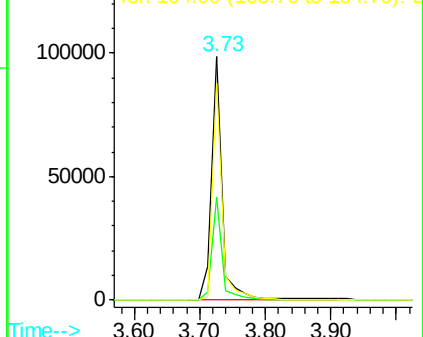
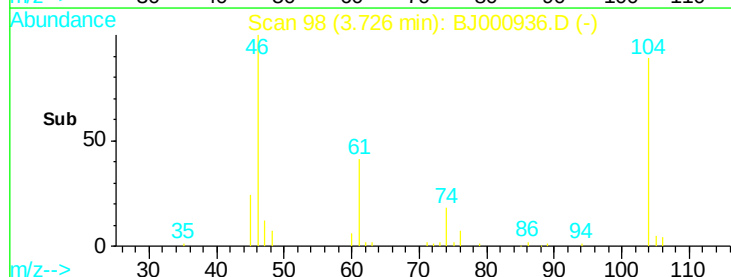


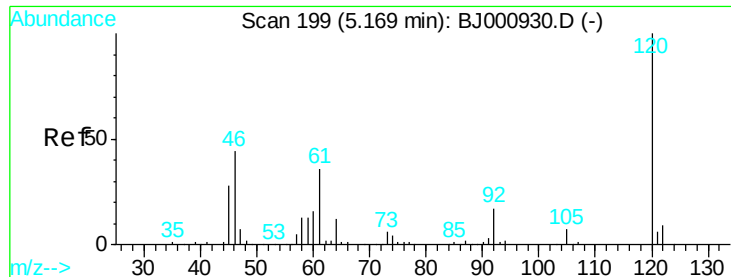
Abundance

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: 1.20 ug/mL

RT: 5.15 min Scan# 198

Delta R.T. -0.02 min

Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

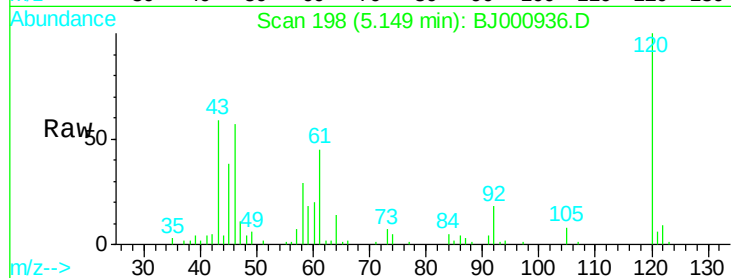
Tgt Ion: 46 Resp: 102481

Ion Ratio Lower Upper

46 100

61 77.9 61.9 101.9

120 174.8 208.1 248.1#

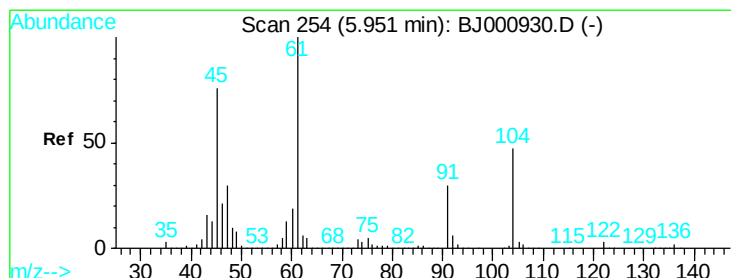
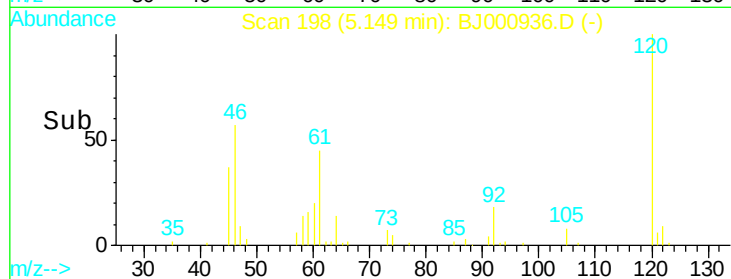
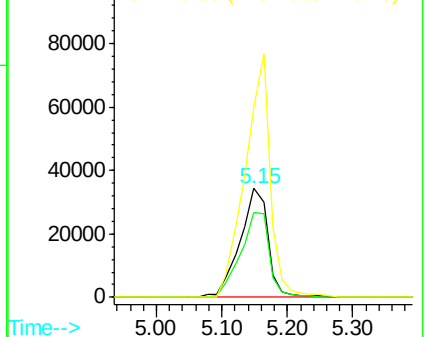


Abundance

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: 10.50 ug/mL

RT: 5.90 min Scan# 251

Delta R.T. -0.05 min

Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

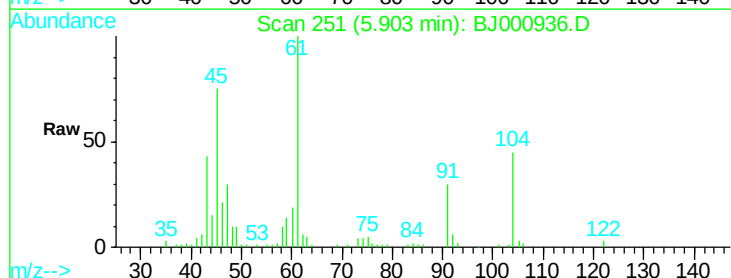
Tgt Ion: 61 Resp: 645460

Ion Ratio Lower Upper

61 100

45 75.5 56.3 96.3

47 30.2 10.1 50.1

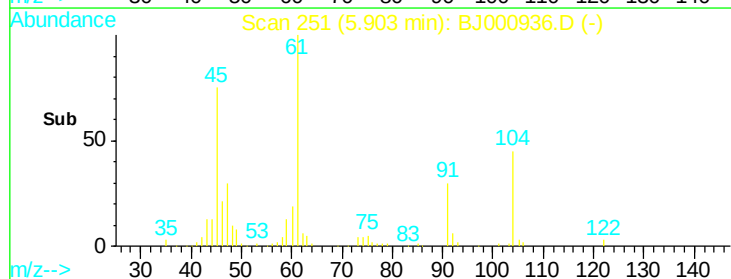
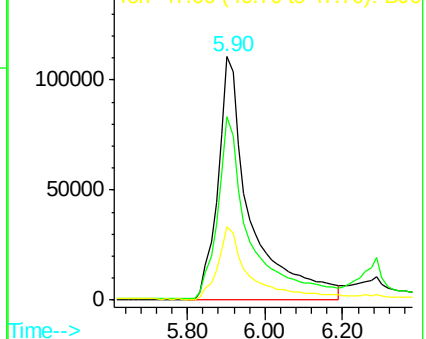


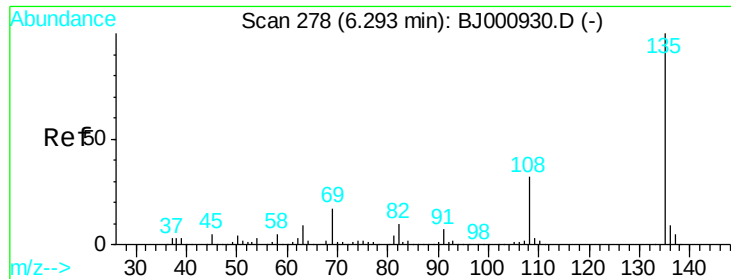
Abundance

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: 3.92 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. -0.01 min

Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

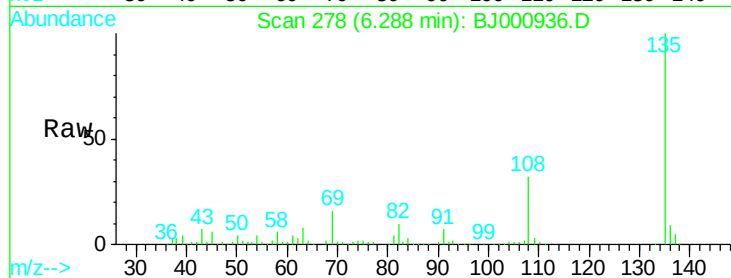
Tgt Ion:135 Resp: 1291037

Ion Ratio Lower Upper

135 100

108 31.5 12.0 52.0

69 16.1 0.0 36.6

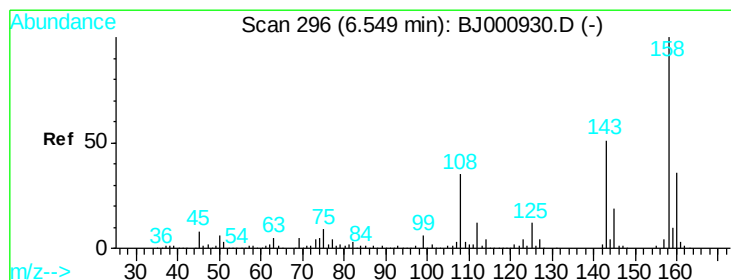
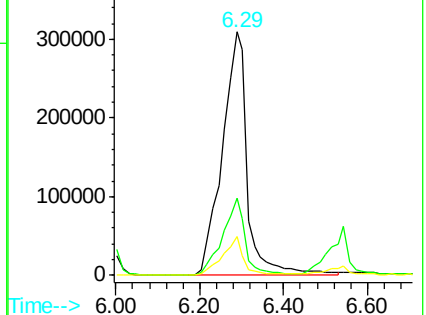
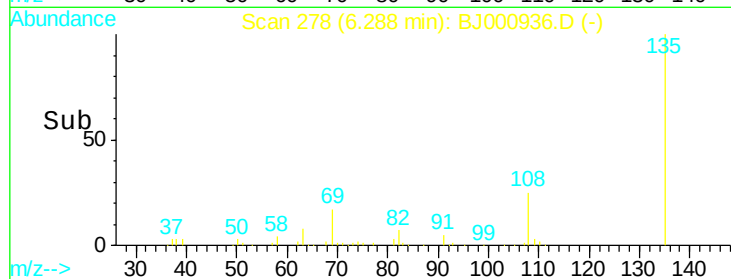


Abundance

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: 2.50 ug/mL

RT: 6.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: BJ000936.D

Acq: 8 Jun 2012 14:56

Tgt Ion:158 Resp: 516226

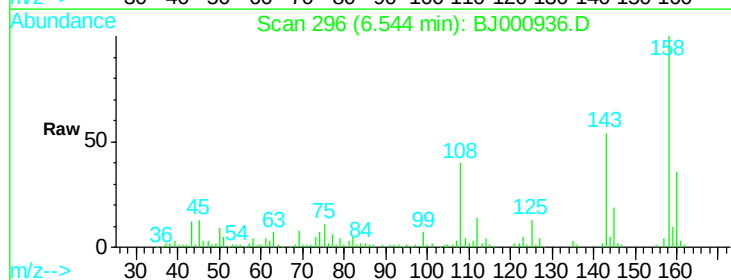
Ion Ratio Lower Upper

158 100

143 54.2 31.3 71.3

108 40.3 14.9 54.9

45 13.4 0.0 28.5



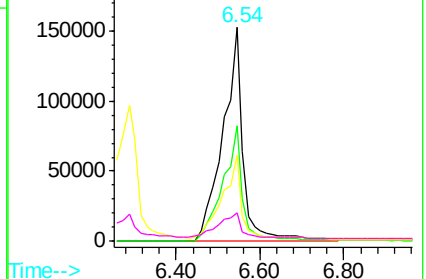
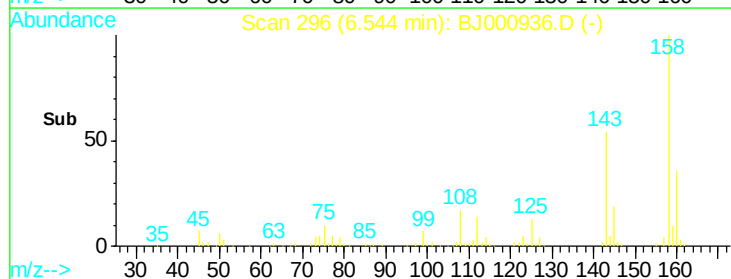
Abundance

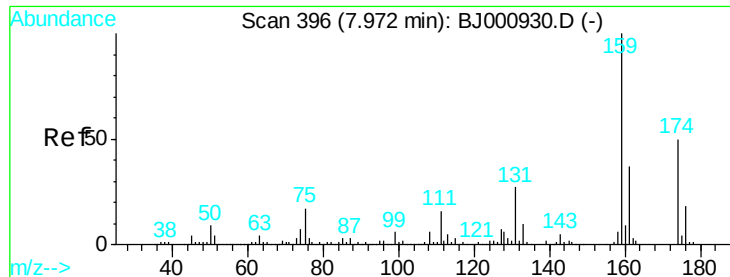
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

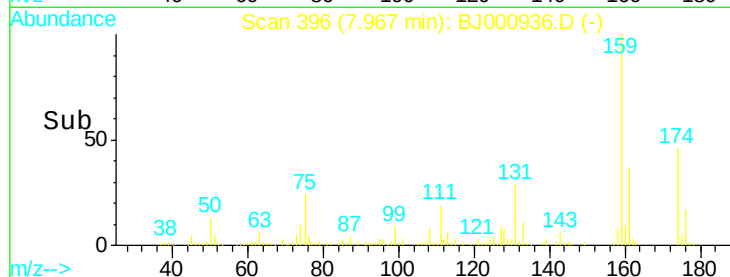
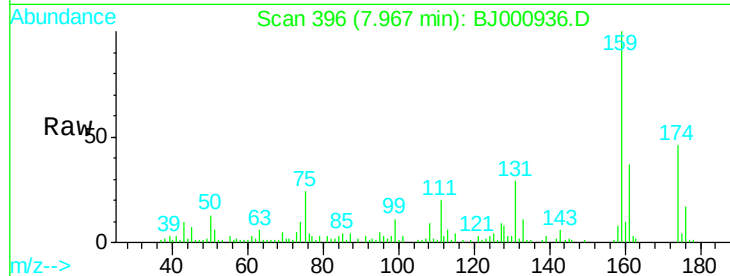
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 3.10 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. -0.00 min
Lab File: BJ000936.D
Acq: 8 Jun 2012 14:56

Tgt Ion:	159	Resp:	342698
Ion	Ratio	Lower	Upper
159	100		
174	45.6	27.0	67.0
108	9.7	0.0	28.3
50	16.7	0.0	36.8



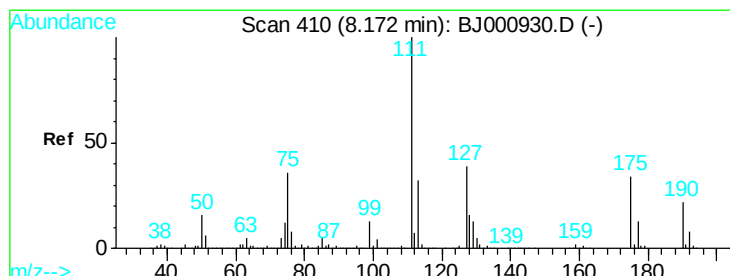
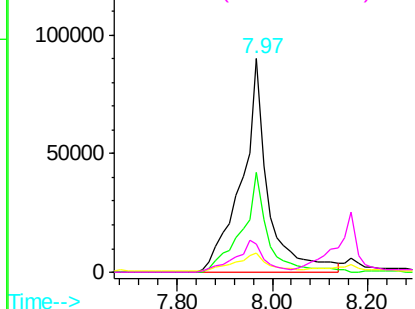
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

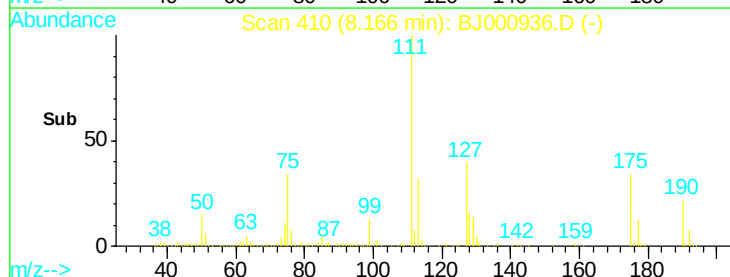
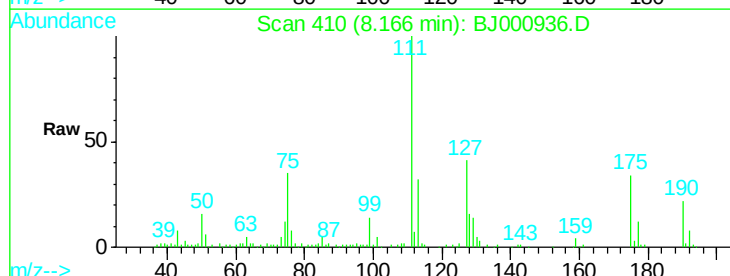
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 2.57 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. -0.01 min
Lab File: BJ000936.D
Acq: 8 Jun 2012 14:56

Tgt Ion:	111	Resp:	448170
Ion	Ratio	Lower	Upper
111	100		
75	35.1	16.5	56.5
127	40.6	19.3	59.3
190	21.9	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

