

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000934.D

Vial: 6

Acq On : 8 Jun 2012 14:20

Operator: HLM

Sample : CWA-2

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 8 15:33 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 15:35:00 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.71	152	234207	2.00	ug/mL	0.00
6) Naphthalene-d8	6.01	136	988910	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.05	99	68024	0.20	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	40.00%#
12) 2-Bromothioanisole	7.30	204	62253	0.96	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	19.20%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.65	94	37473	0.43	ug/mL# 41
3) DMMP	3.58	79	10587	0.24	ug/mL 96
4) DIMP	4.97	97	34752	0.18	ug/mL 86
5) 1,4-Oxathiane	3.69	46	40970	0.49	ug/mL# 46
7) 1,4-Dithiane	5.16	46	33625	0.51	ug/mL# 77
8) Thiodiglycol	5.92	61	132173	3.65	ug/mL 91
9) Benzothiazole	6.29	135	249906	1.02	ug/mL 96
11) p-Chlorophenylmethyldisulfid	6.55	158	163757	0.96	ug/mL 99
13) p-Chlorophenylmethyldisulfox	7.97	159	75527	0.80	ug/mL 99
14) p-Chlorophenylmethyldisulfon	8.17	111	119723	0.85	ug/mL 93

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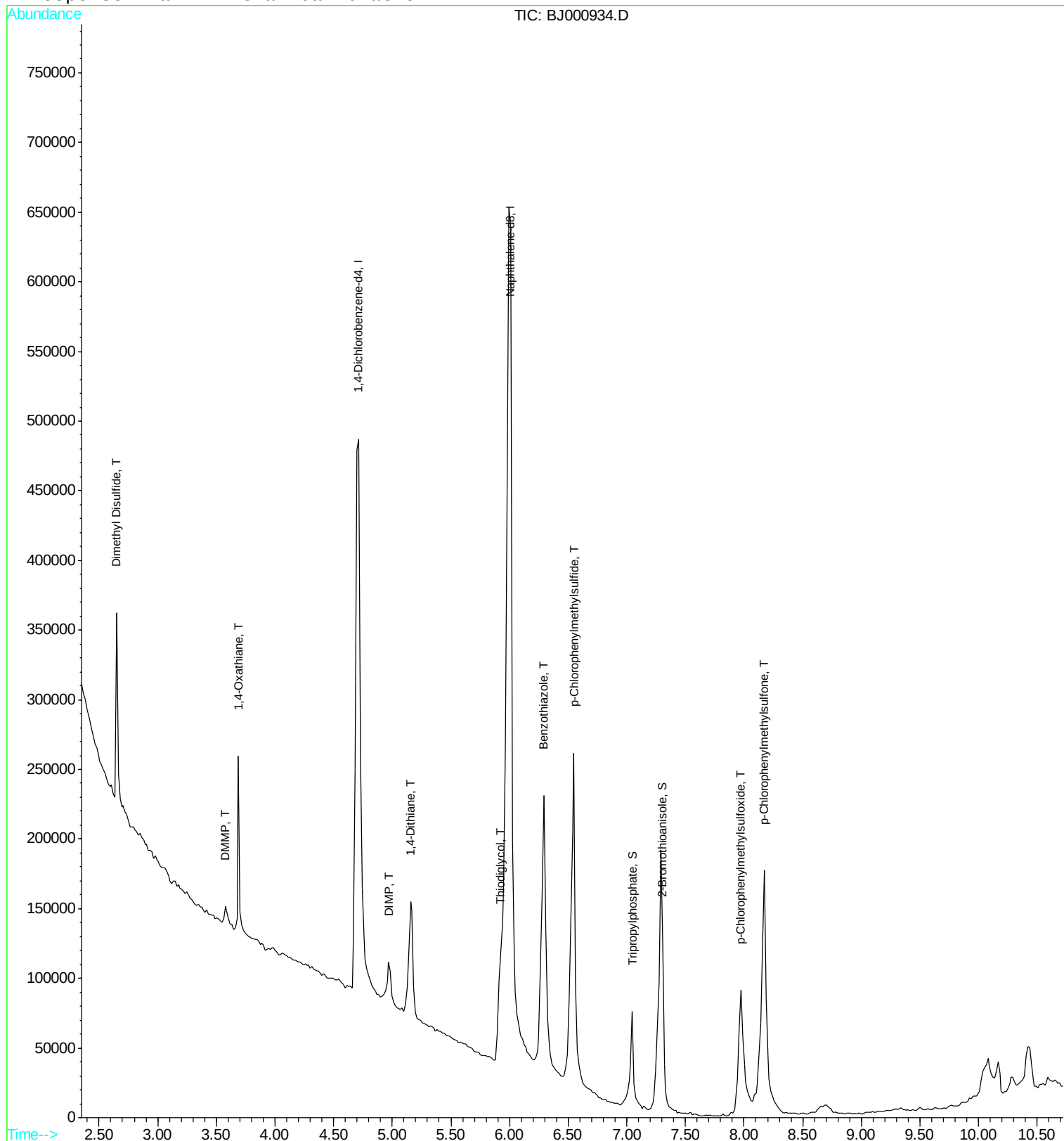
Quant Results File: BJ060812.RES

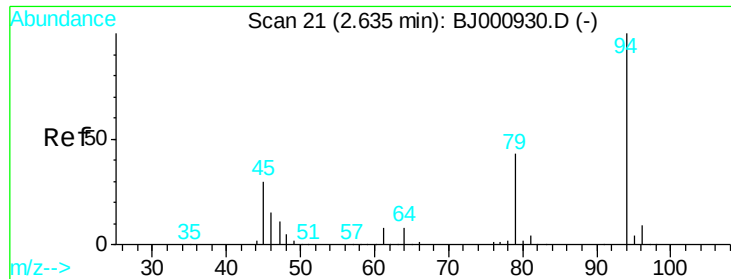
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#2

Dimethyl Disulfide

Concen: 0.43 ug/mL

RT: 2.65 min Scan# 22

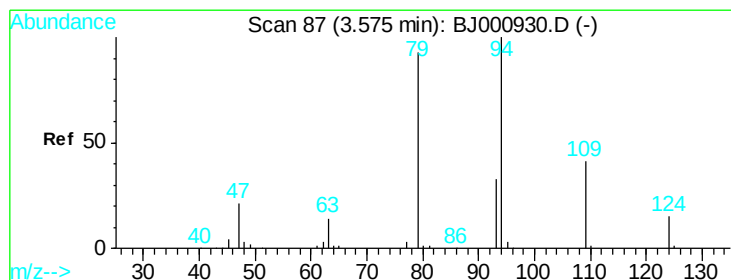
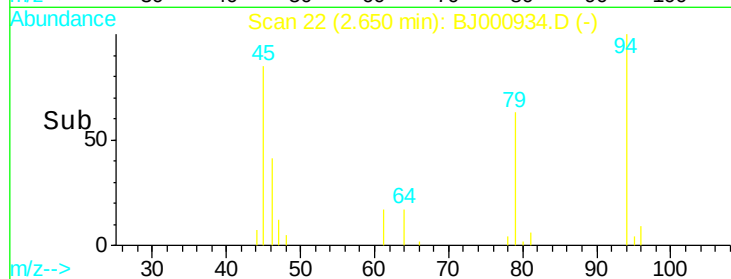
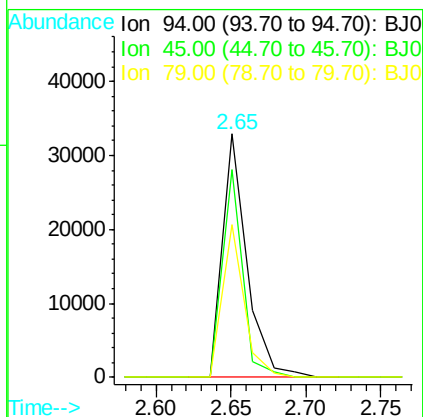
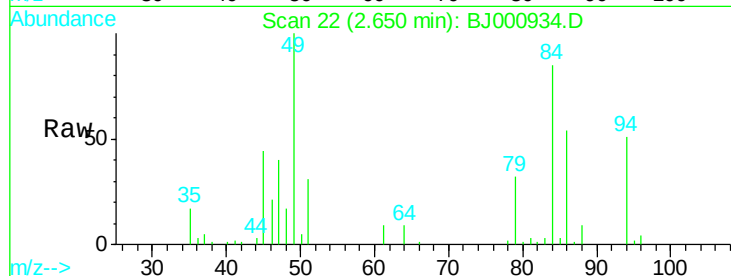
Delta R.T. 0.02 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

Tgt Ion: 94 Resp: 37473

Ion	Ratio	Lower	Upper
94	100		
45	85.2	11.1	51.1#
79	62.6	22.9	62.9



#3

DMMP

Concen: 0.24 ug/mL

RT: 3.58 min Scan# 87

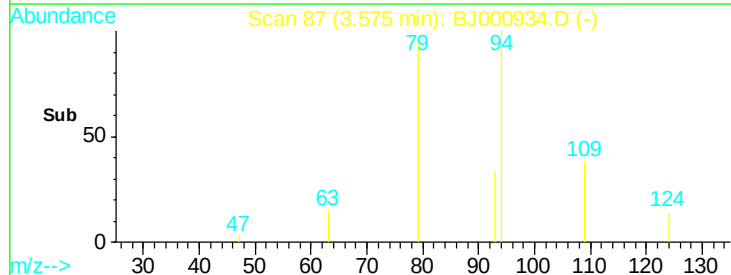
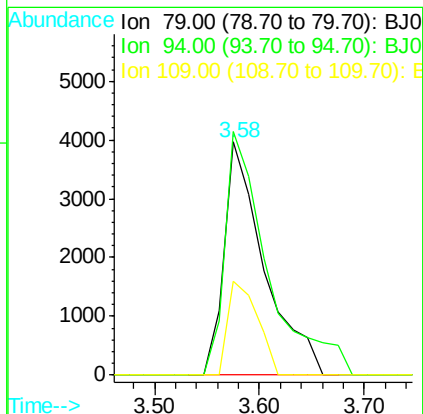
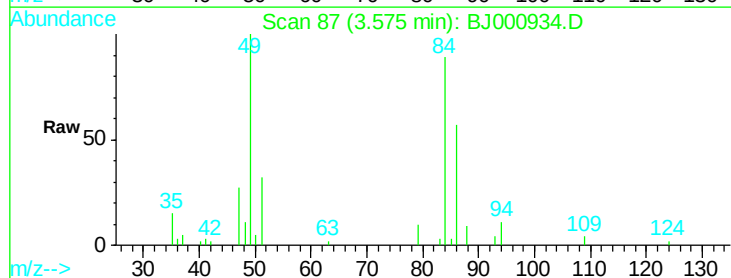
Delta R.T. 0.00 min

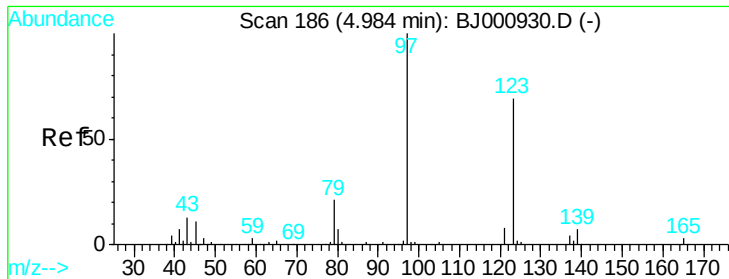
Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

Tgt Ion: 79 Resp: 10587

Ion	Ratio	Lower	Upper
79	100		
94	104.4	87.0	127.0
109	40.2	24.1	64.1





#4

DIMP

Concen: 0.18 ug/mL

RT: 4.97 min Scan# 185

Delta R.T. -0.01 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

Tgt Ion: 97 Resp: 34752

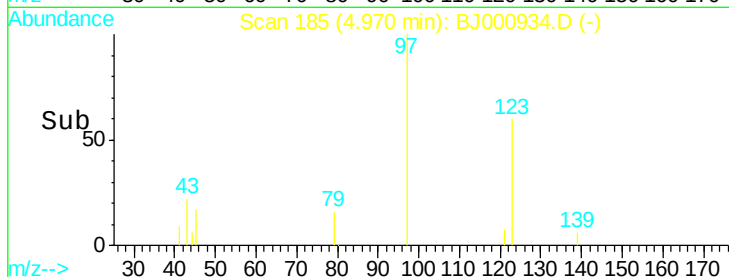
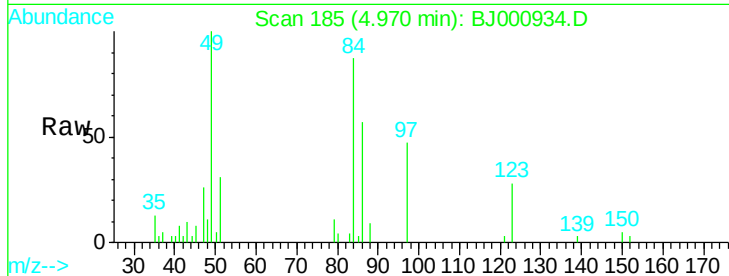
Ion Ratio Lower Upper

97 100

123 60.4 49.1 89.1

43 22.0 0.0 33.2

41 16.4 0.0 26.5



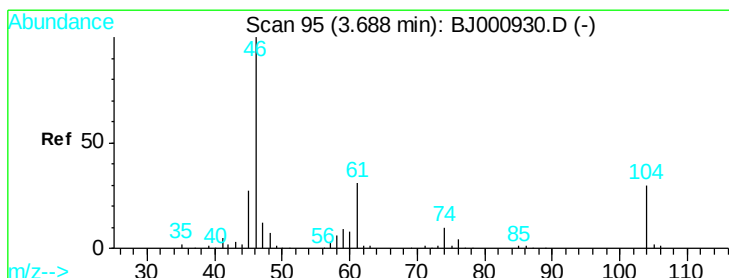
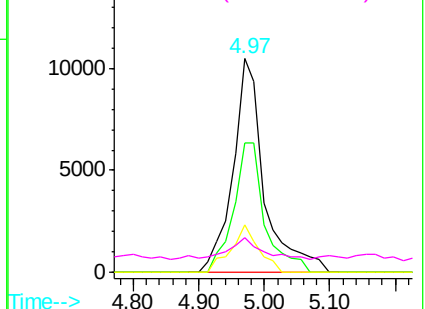
Abundance

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: 0.49 ug/mL

RT: 3.69 min Scan# 95

Delta R.T. 0.00 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

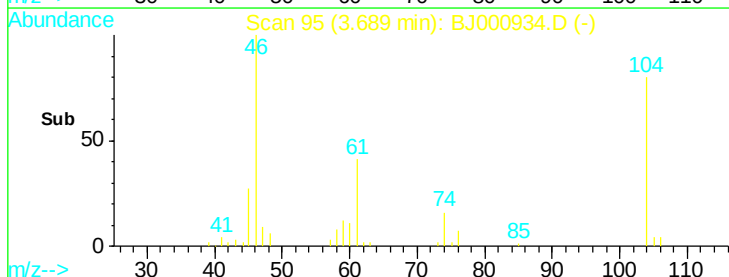
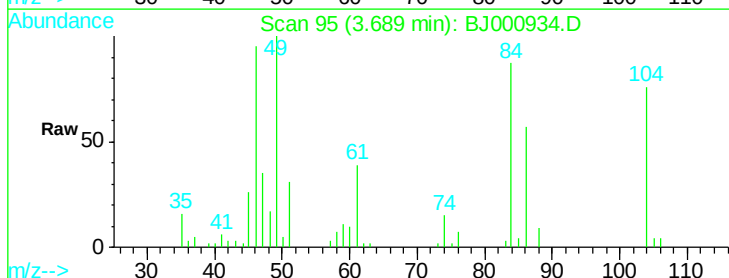
Tgt Ion: 46 Resp: 40970

Ion Ratio Lower Upper

46 100

61 41.1 11.2 51.2

104 80.0 10.0 50.0#

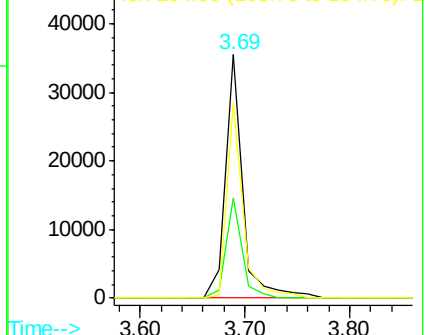


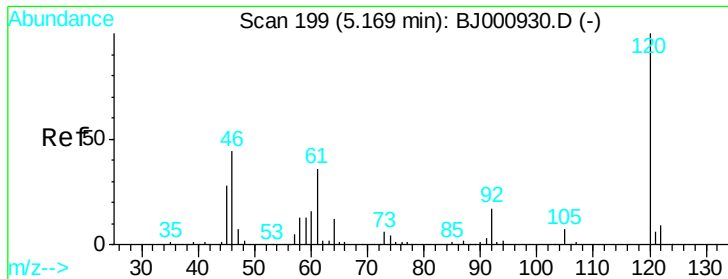
Abundance

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: 0.51 ug/mL

RT: 5.16 min Scan# 198

Delta R.T. -0.01 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

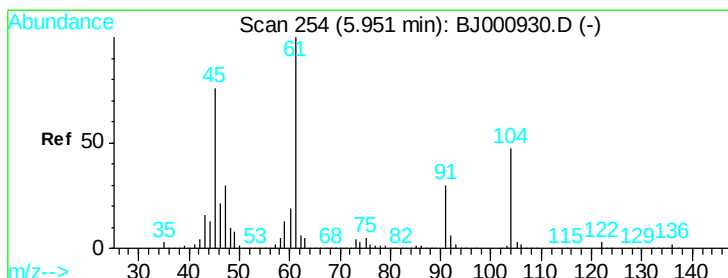
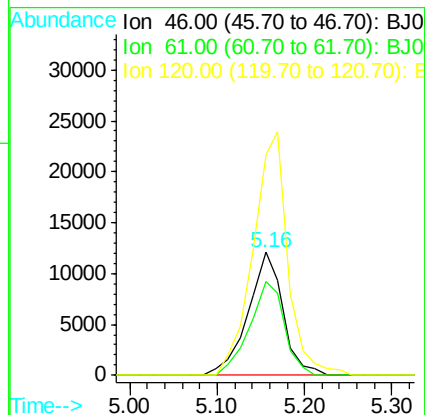
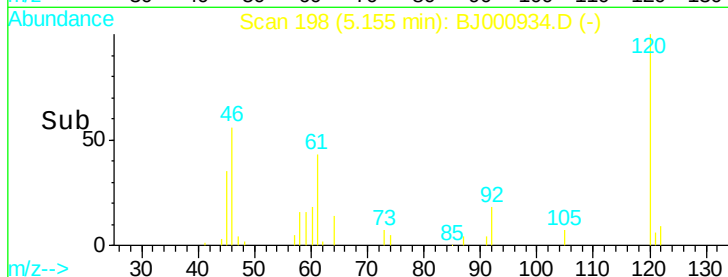
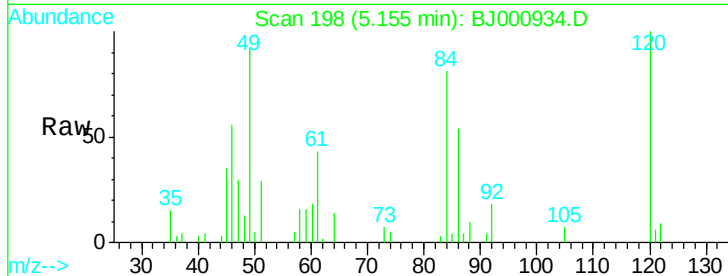
Tgt Ion: 46 Resp: 33625

Ion Ratio Lower Upper

46 100

61 76.8 61.9 101.9

120 179.4 208.1 248.1#



#8

Thiodiglycol

Concen: 3.65 ug/mL

RT: 5.92 min Scan# 252

Delta R.T. -0.03 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

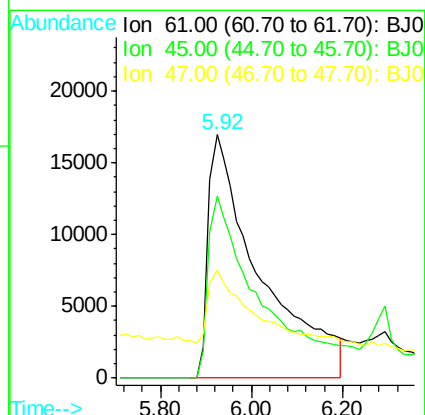
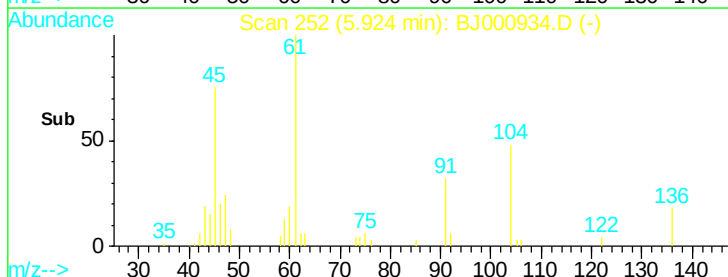
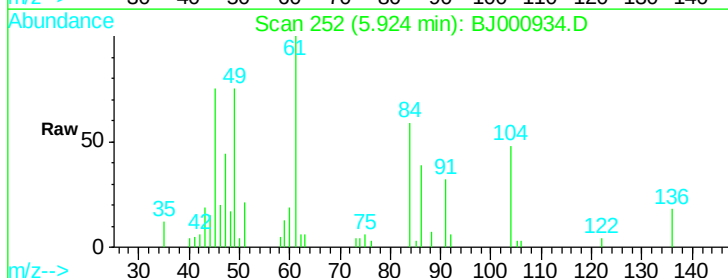
Tgt Ion: 61 Resp: 132173

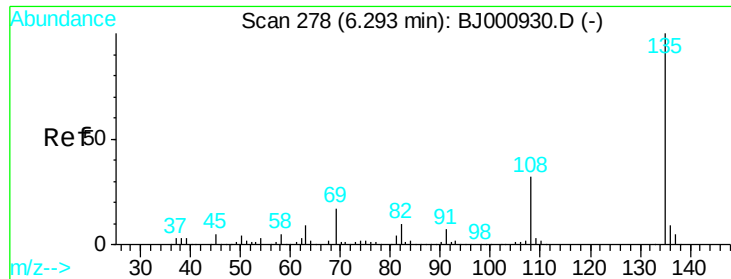
Ion Ratio Lower Upper

61 100

45 74.8 56.3 96.3

47 44.1 10.1 50.1





#9

Benzothiazole

Concen: 1.02 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.00 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

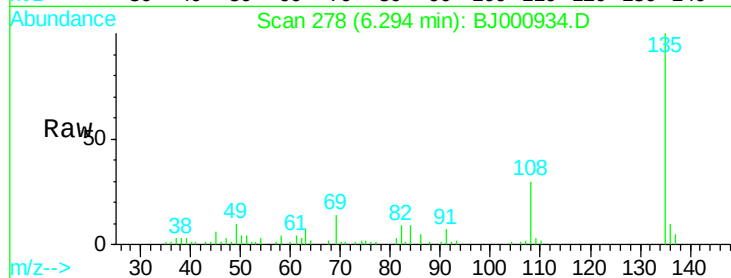
Tgt Ion:135 Resp: 249906

Ion Ratio Lower Upper

135 100

108 30.4 12.0 52.0

69 14.5 0.0 36.6

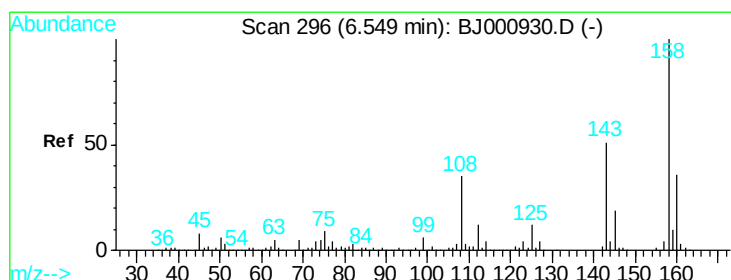
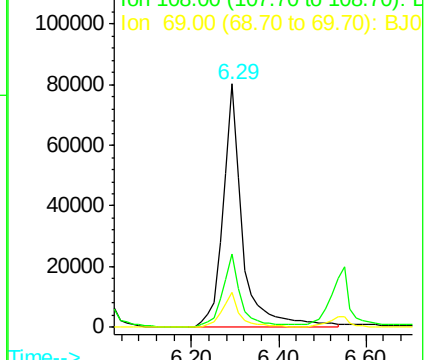
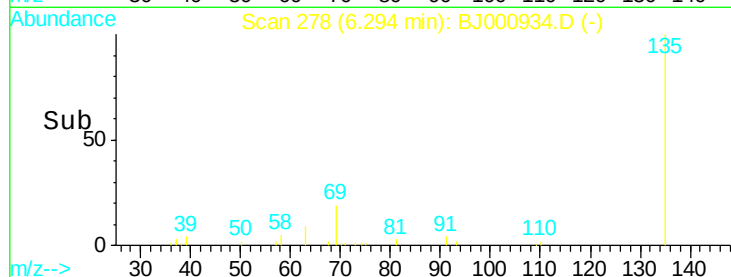


Abundance

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: 0.96 ug/mL

RT: 6.55 min Scan# 296

Delta R.T. 0.00 min

Lab File: BJ000934.D

Acq: 8 Jun 2012 14:20

Tgt Ion:158 Resp: 163757

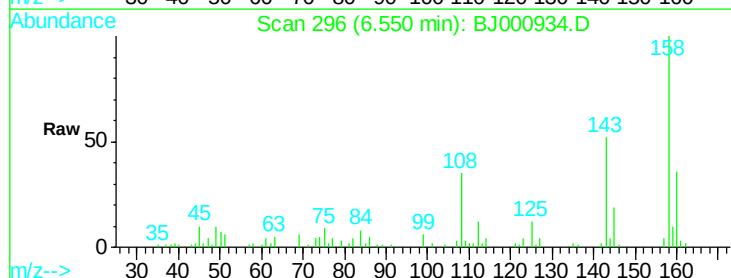
Ion Ratio Lower Upper

158 100

143 51.6 31.3 71.3

108 34.8 14.9 54.9

45 10.1 0.0 28.5



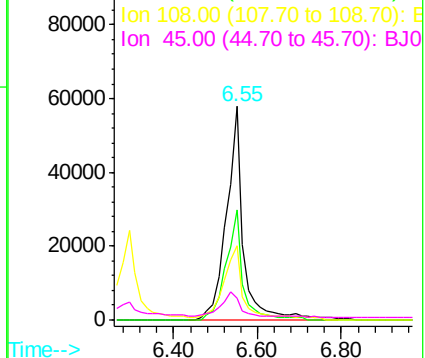
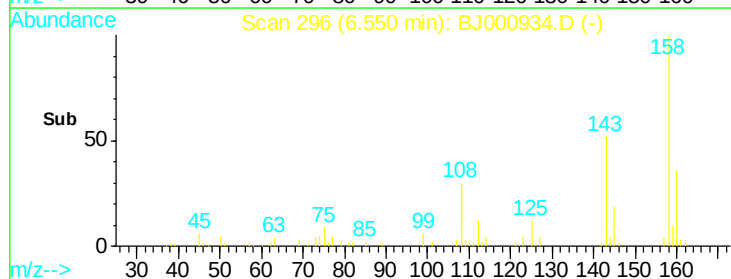
Abundance

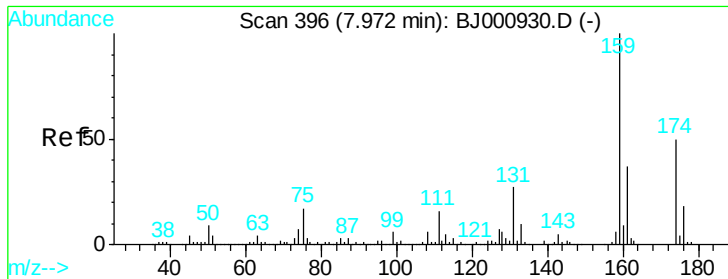
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

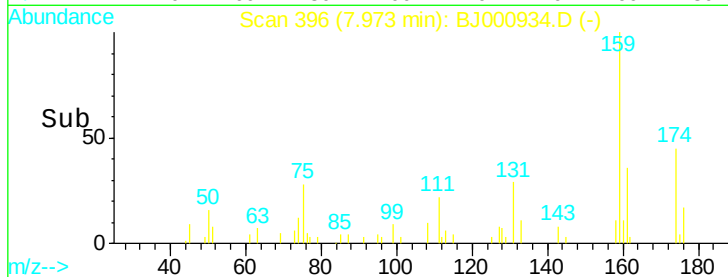
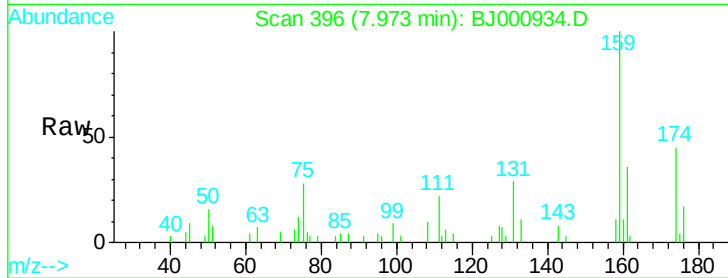
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.80 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. 0.00 min
Lab File: BJ000934.D
Acq: 8 Jun 2012 14:20

Tgt Ion:	159	Resp:	75527
Ion	Ratio	Lower	Upper
159	100		
174	47.1	27.0	67.0
108	10.4	0.0	28.3
50	16.2	0.0	36.8



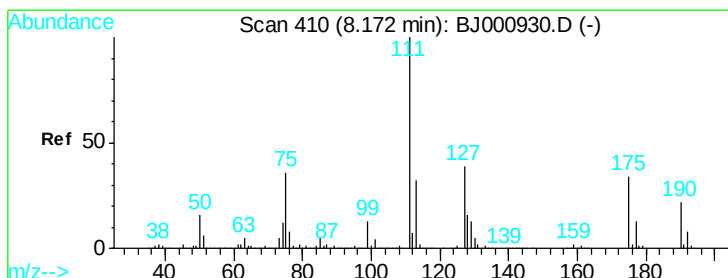
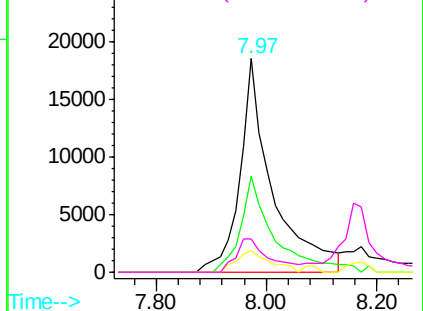
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

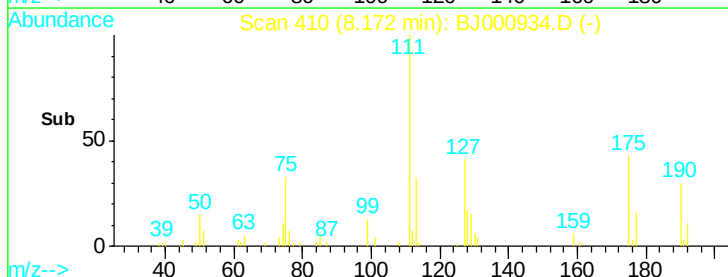
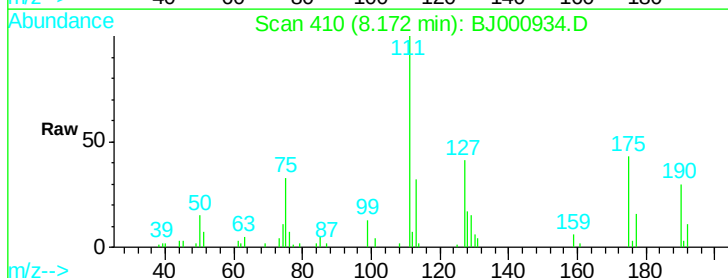
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.85 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. 0.00 min
Lab File: BJ000934.D
Acq: 8 Jun 2012 14:20

Tgt Ion:	111	Resp:	119723
Ion	Ratio	Lower	Upper
111	100		
75	33.0	16.5	56.5
127	40.7	19.3	59.3
190	29.7	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

