

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000933.D

Vial: 5

Acq On : 8 Jun 2012 14:02

Operator: HLM

Sample : CWA-3

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	239997	2.00	ug/mL	0.00
6) Naphthalene-d8	5.99	136	1014734	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.05	99	192518	0.56	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	7.30	204	167380	2.51	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.20%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.66	94	83568	0.95	ug/mL	88
3) DMMP	3.57	79	38433	0.58	ug/mL	92
4) DIMP	4.98	97	103714	0.50	ug/mL	97
5) 1,4-Oxathiane	3.69	46	115048	1.35	ug/mL#	62
7) 1,4-Dithiane	5.15	46	89794	1.34	ug/mL#	81
8) Thiodiglycol	5.91	61	455904	8.20	ug/mL	97
9) Benzothiazole	6.29	135	671755	2.66	ug/mL	95
11) p-Chlorophenylmethyldisulfide	6.55	158	434077	2.48	ug/mL	98
13) p-Chlorophenylmethyldisulfox	7.97	159	220961	2.27	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.17	111	315379	2.19	ug/mL	89

Quantitation Report

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Quant Time: Jun 8 15:33 2012

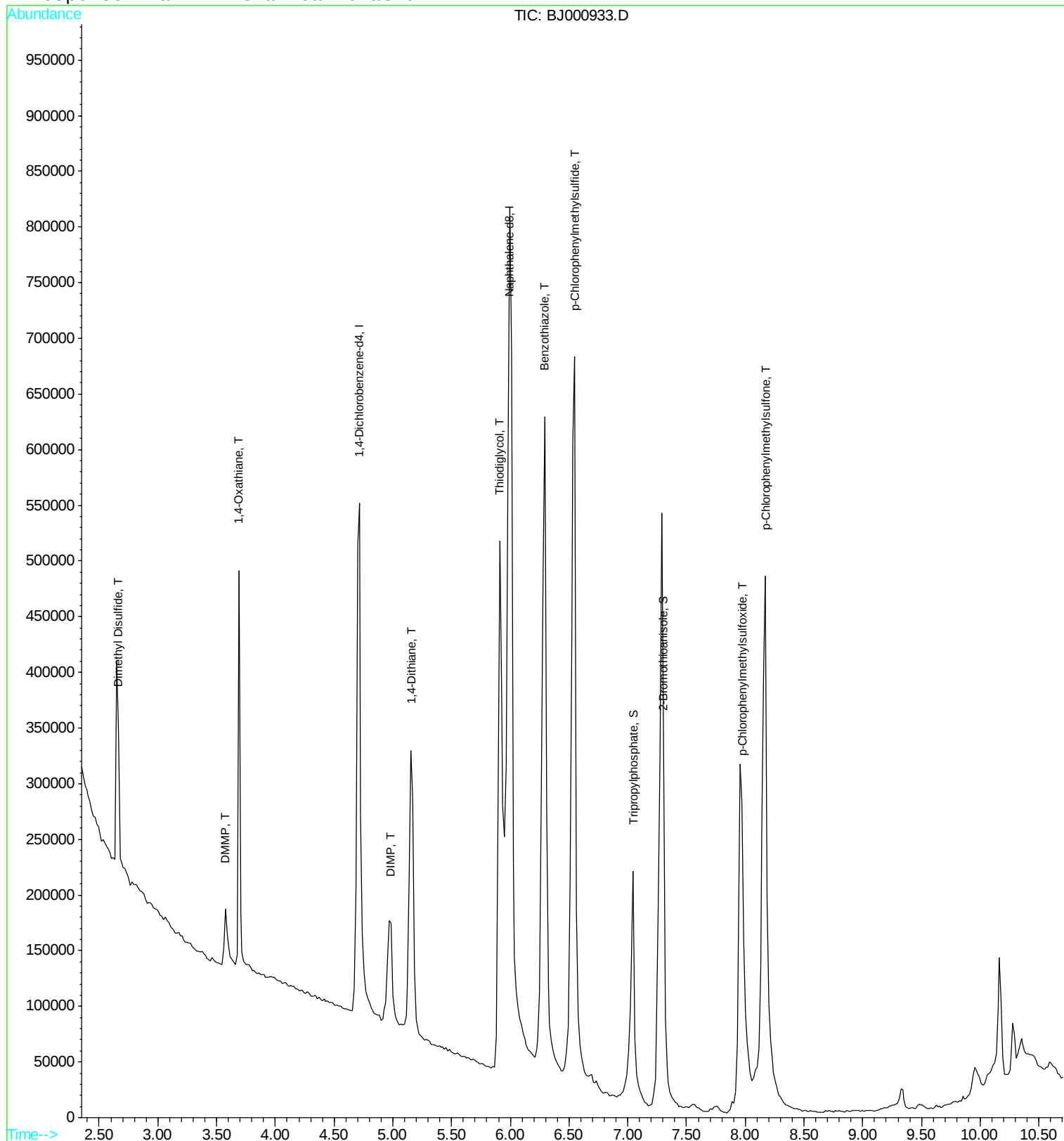
Quant Results File: BJ060812.RES

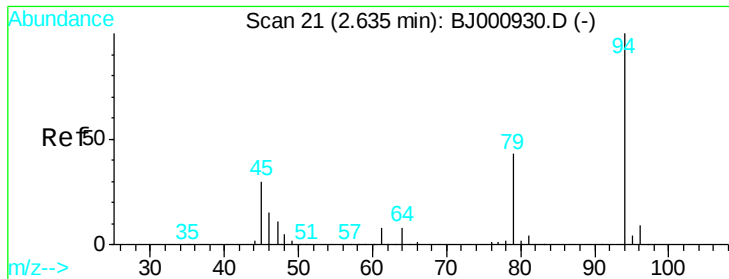
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

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#2

Dimethyl Disulfide

Concen: 0.95 ug/mL

RT: 2.66 min Scan# 23

Delta R.T. 0.03 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

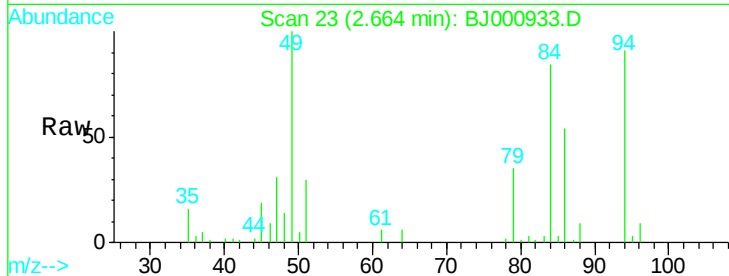
Tgt Ion: 94 Resp: 83568

Ion Ratio Lower Upper

94 100

45 20.6 11.1 51.1

79 38.5 22.9 62.9

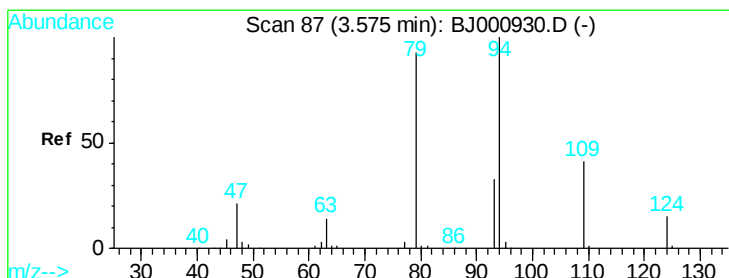
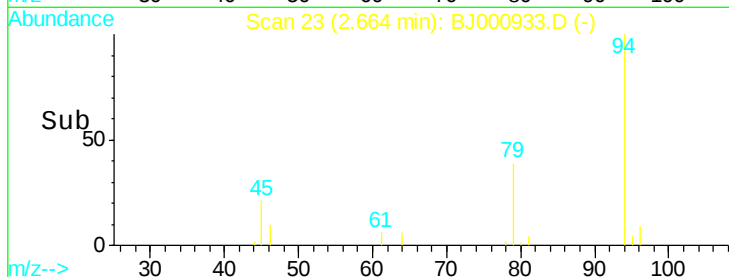
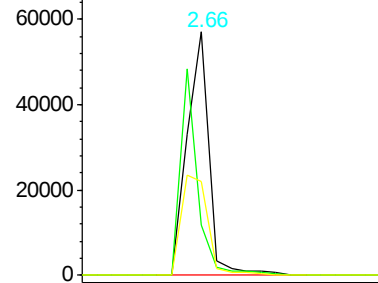


Abundance

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: 0.58 ug/mL

RT: 3.57 min Scan# 87

Delta R.T. 0.00 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

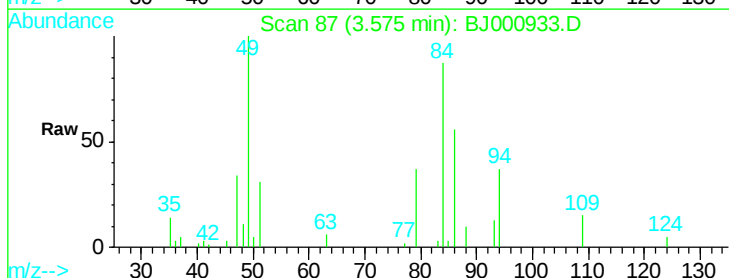
Tgt Ion: 79 Resp: 38433

Ion Ratio Lower Upper

79 100

94 98.4 87.0 127.0

109 39.7 24.1 64.1

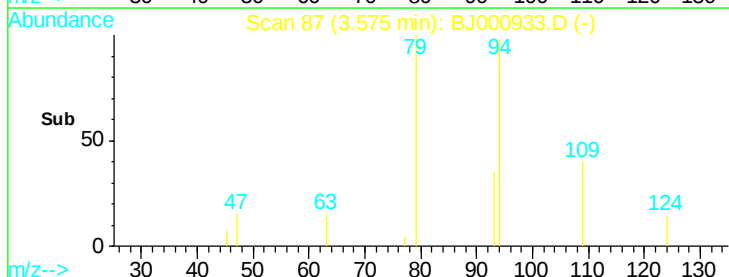
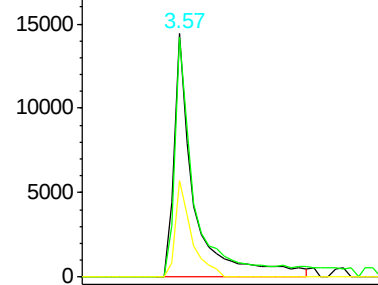


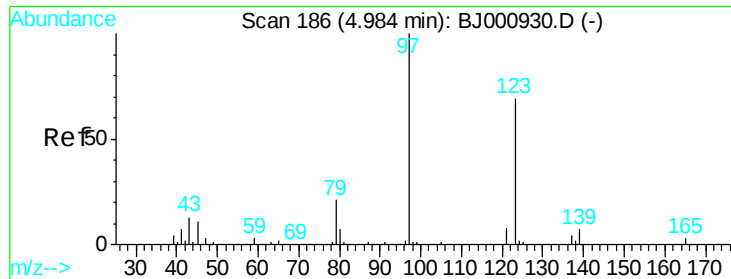
Abundance

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: 0.50 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. 0.00 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

Tgt Ion: 97 Resp: 103714

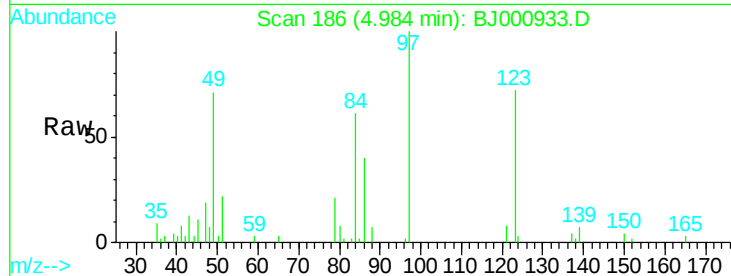
Ion Ratio Lower Upper

97 100

123 72.1 49.1 89.1

43 13.3 0.0 33.2

41 8.4 0.0 26.5

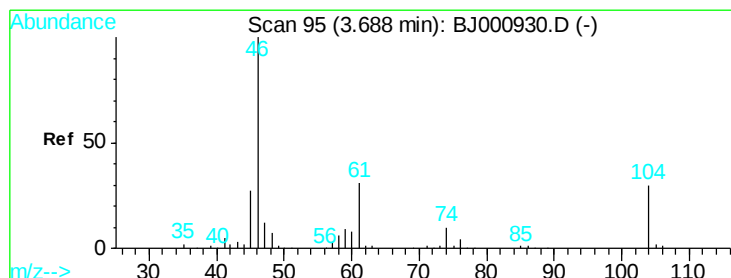
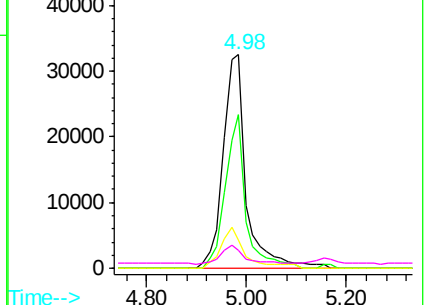
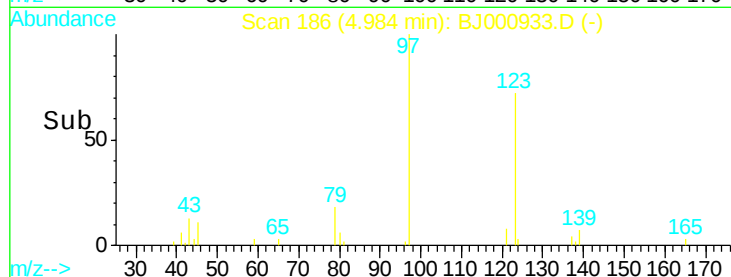


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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: 1.35 ug/mL

RT: 3.69 min Scan# 95

Delta R.T. 0.00 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

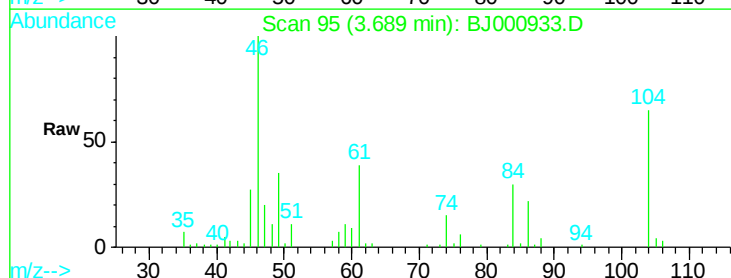
Tgt Ion: 46 Resp: 115048

Ion Ratio Lower Upper

46 100

61 38.7 11.2 51.2

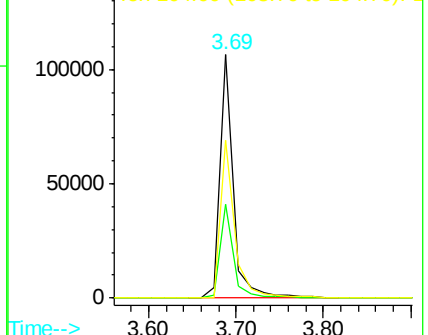
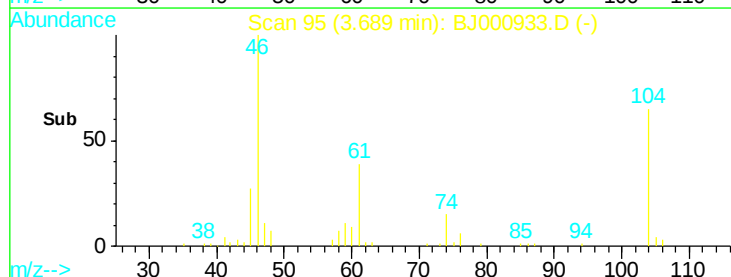
104 64.7 10.0 50.0#

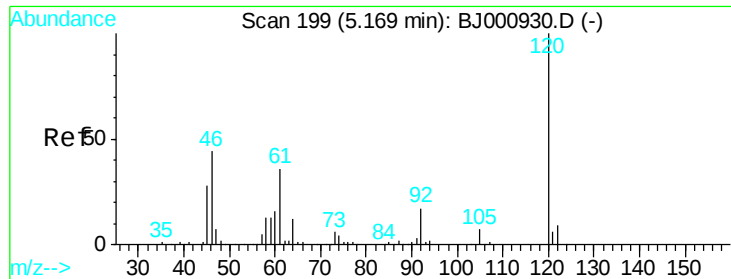


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 1.34 ug/mL

RT: 5.15 min Scan# 198

Delta R.T. -0.01 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

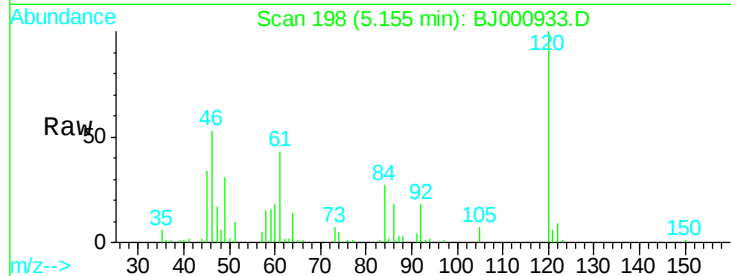
Tgt Ion: 46 Resp: 89794

Ion Ratio Lower Upper

46 100

61 80.1 61.9 101.9

120 187.8 208.1 248.1#

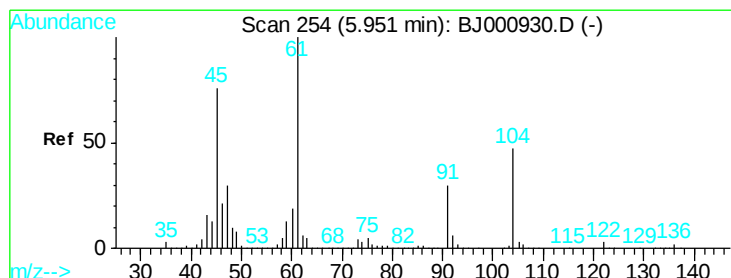
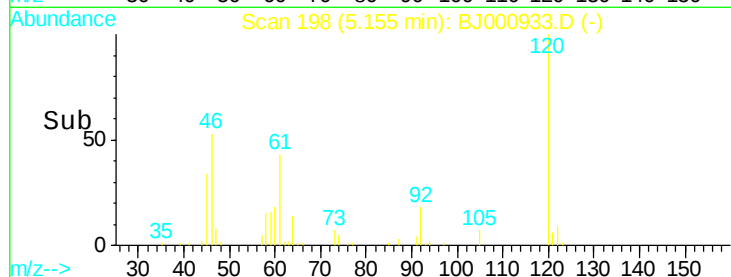
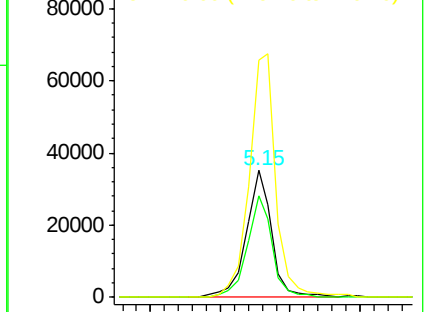


Abundance

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: 8.20 ug/mL

RT: 5.91 min Scan# 251

Delta R.T. -0.04 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

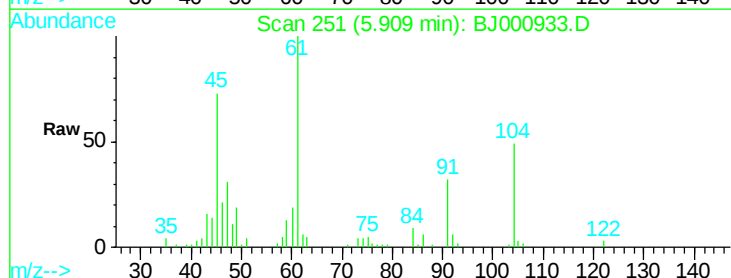
Tgt Ion: 61 Resp: 455904

Ion Ratio Lower Upper

61 100

45 73.4 56.3 96.3

47 31.2 10.1 50.1

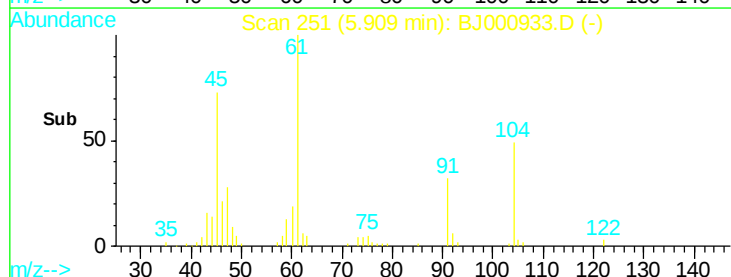
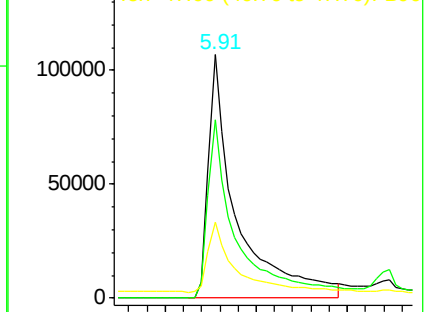


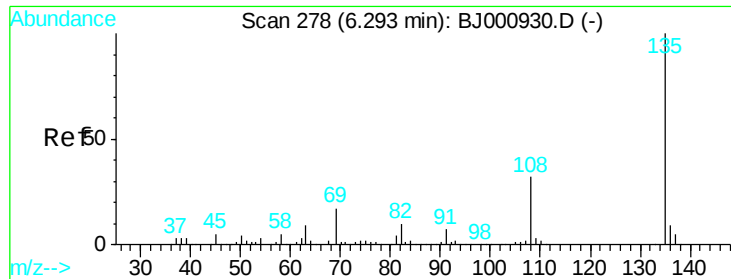
Abundance

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: 2.66 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.00 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

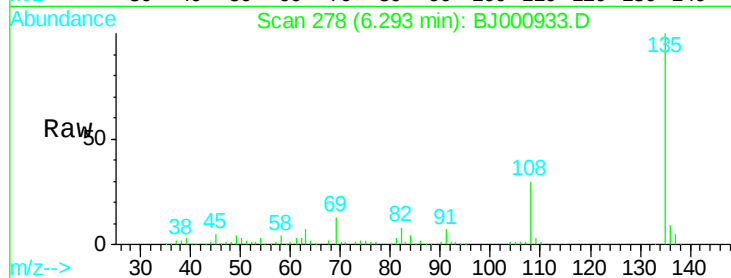
Tgt Ion:135 Resp: 671755

Ion Ratio Lower Upper

135 100

108 29.7 12.0 52.0

69 13.5 0.0 36.6

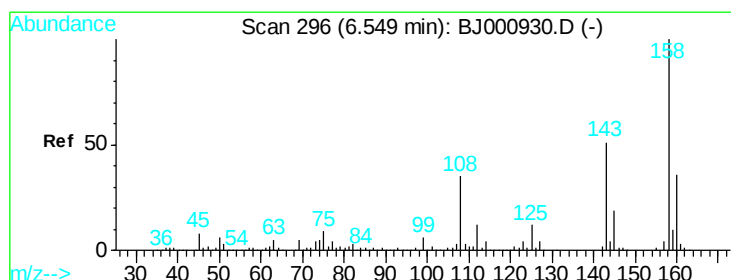
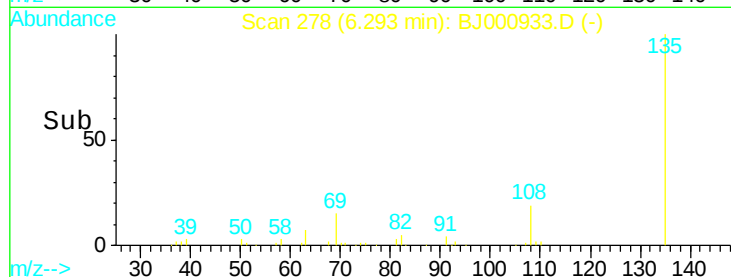
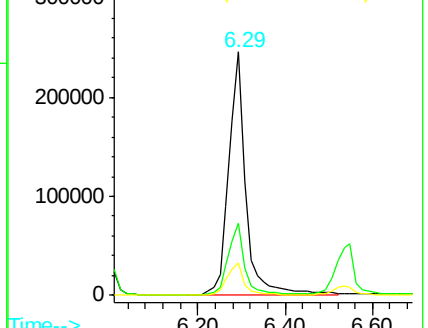


Abundance

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: 2.48 ug/mL

RT: 6.55 min Scan# 296

Delta R.T. 0.00 min

Lab File: BJ000933.D

Acq: 8 Jun 2012 14:02

Tgt Ion:158 Resp: 434077

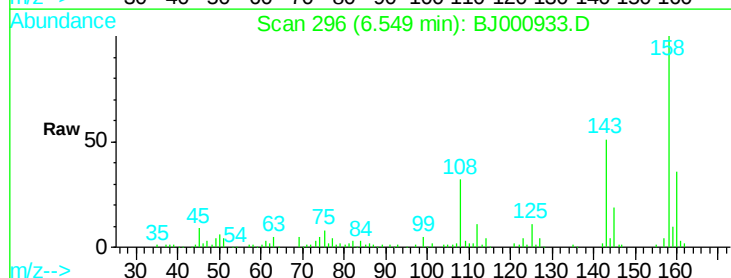
Ion Ratio Lower Upper

158 100

143 51.0 31.3 71.3

108 32.2 14.9 54.9

45 8.7 0.0 28.5



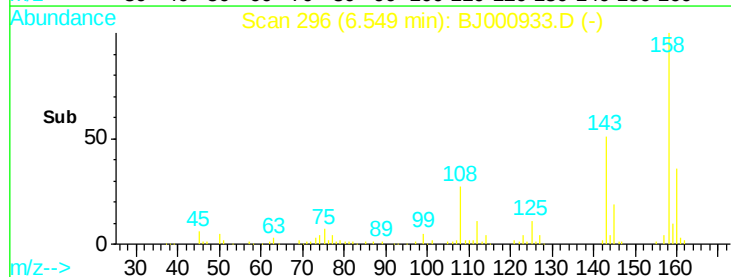
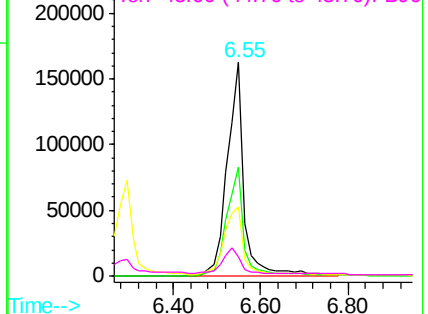
Abundance

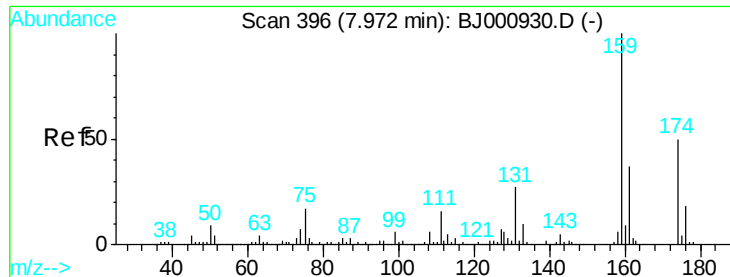
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

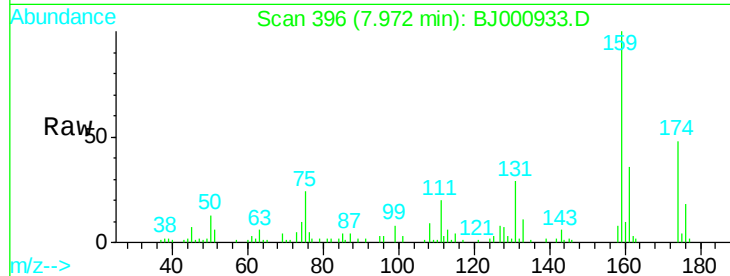
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 2.27 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. 0.00 min
Lab File: BJ000933.D
Acq: 8 Jun 2012 14:02

Tgt Ion:159 Resp: 220961
Ion Ratio Lower Upper
159 100
174 47.0 27.0 67.0
108 11.8 0.0 28.3
50 17.1 0.0 36.8



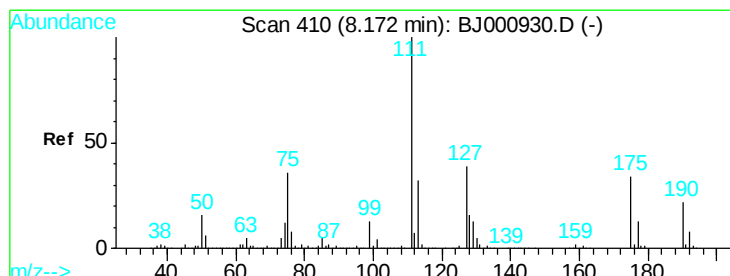
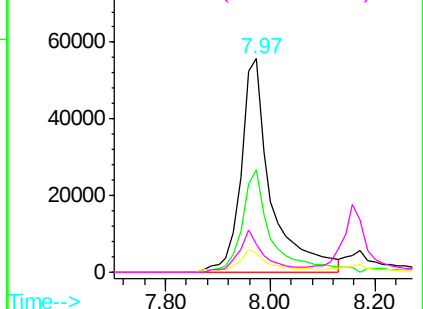
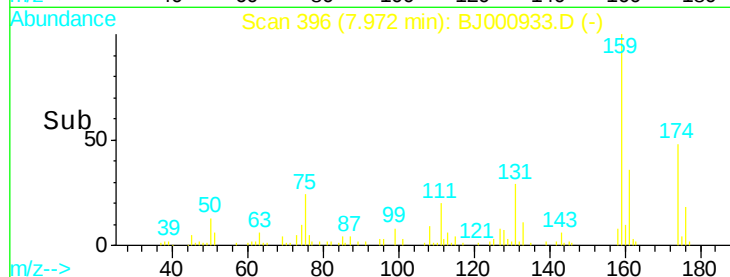
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

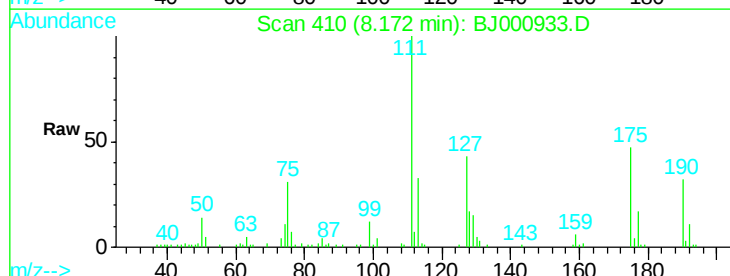
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 2.19 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. 0.00 min
Lab File: BJ000933.D
Acq: 8 Jun 2012 14:02

Tgt Ion:111 Resp: 315379
Ion Ratio Lower Upper
111 100
75 31.1 16.5 56.5
127 43.0 19.3 59.3
190 32.0 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

