

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000930.D

Vial: 2

Acq On : 8 Jun 2012 12:25

Operator: HLM

Sample : CWA-4

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	314756	2.00	ug/mL	0.00
6) Naphthalene-d8	6.01	136	1278687	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.05	99	1296449	2.97	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	594.00%#
12) 2-Bromothioanisole	7.30	204	1063208	12.67	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	253.40%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.64	94	680453	5.87	ug/mL 100
3) DMMP	3.57	79	297296	2.92	ug/mL 100
4) DIMP	4.98	97	729767	2.63	ug/mL 100
5) 1,4-Oxathiane	3.69	46	671086	6.01	ug/mL 100
7) 1,4-Dithiane	5.17	46	568001	6.73	ug/mL 100
8) Thiodiglycol	5.95	61	3281566	38.71	ug/mL 100
9) Benzothiazole	6.29	135	4125653	12.96	ug/mL 100
11) p-Chlorophenylmethyldisulfid	6.55	158	2577061	11.70	ug/mL 100
13) p-Chlorophenylmethyldisulfox	7.97	159	1708822	13.91	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.17	111	2128098	11.75	ug/mL 100

Quantitation Report

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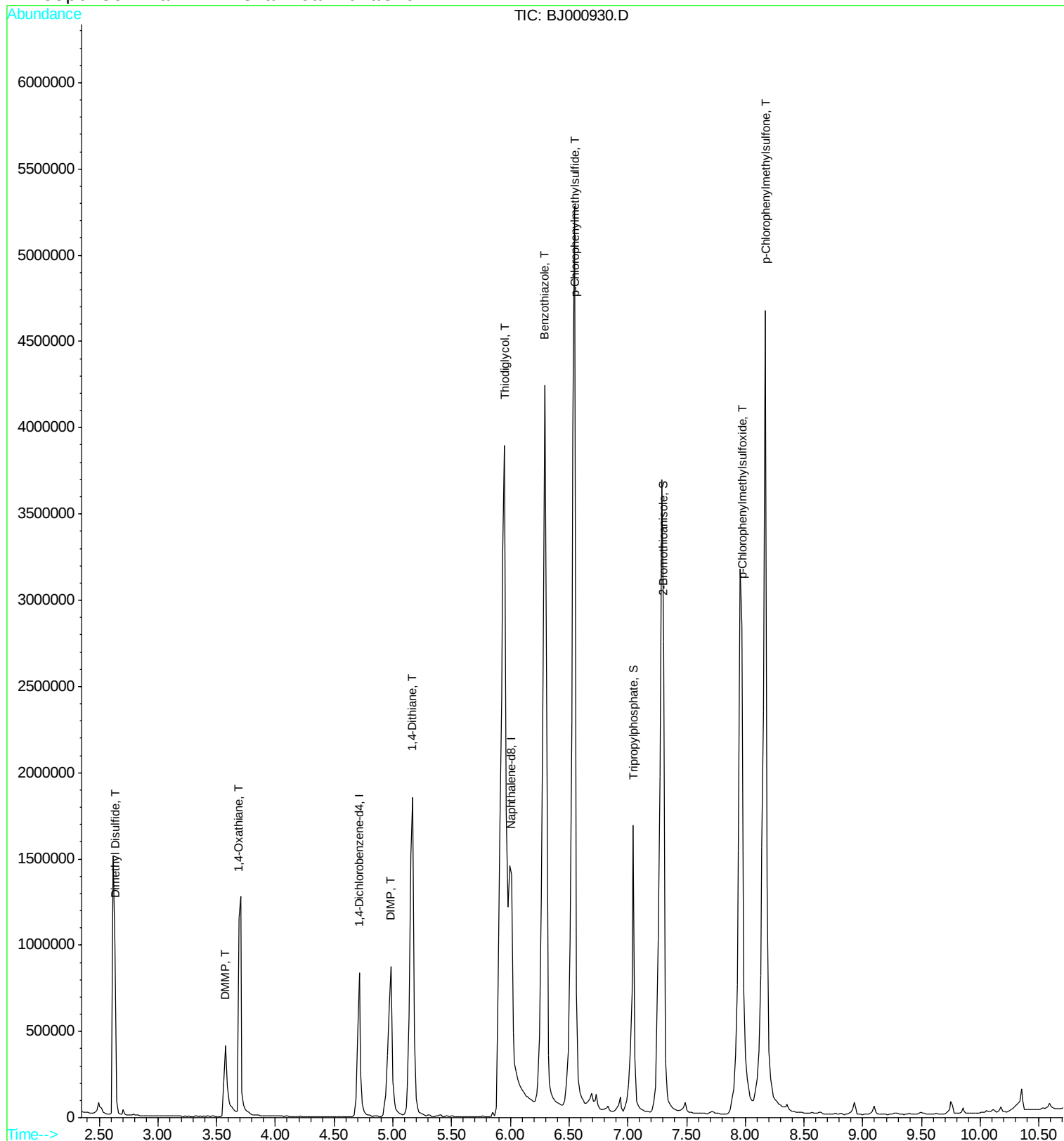
Quant Results File: BJ060812.RES

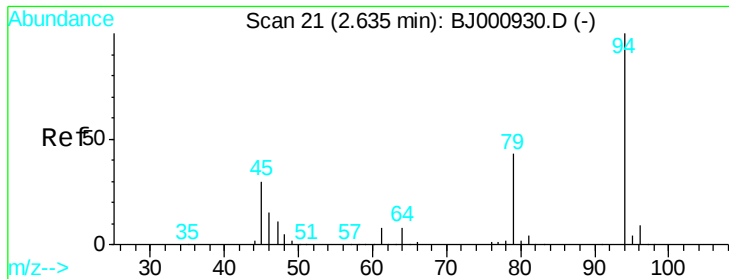
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jun 08 15:35:00 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 5.87 ug/mL

RT: 2.64 min Scan# 21

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

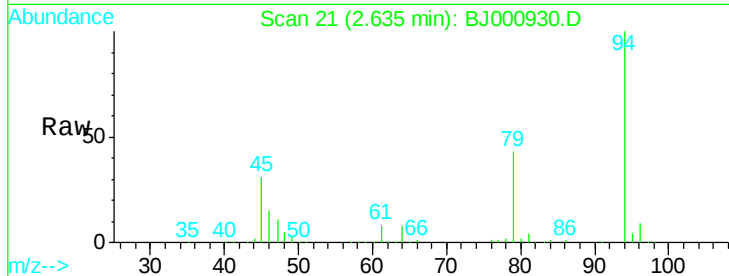
Tgt Ion: 94 Resp: 680453

Ion Ratio Lower Upper

94 100

45 31.1 11.1 51.1

79 42.9 22.9 62.9

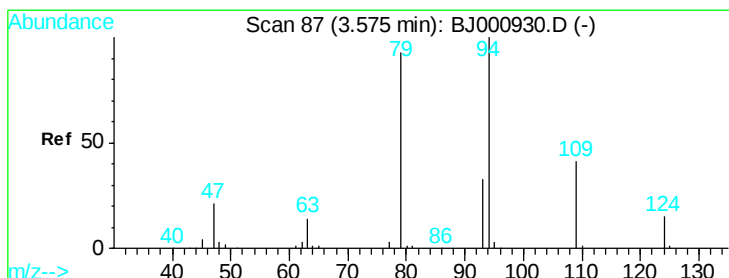
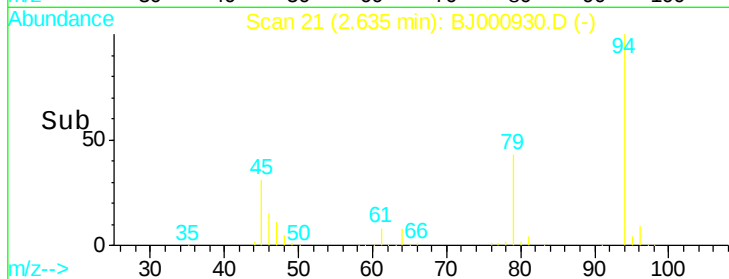
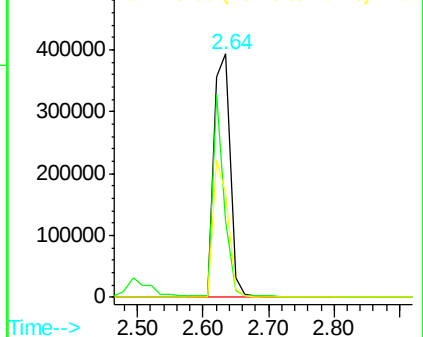


Abundance

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: 2.92 ug/mL

RT: 3.57 min Scan# 87

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

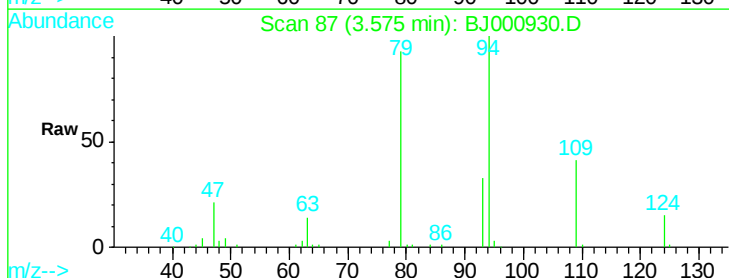
Tgt Ion: 79 Resp: 297296

Ion Ratio Lower Upper

79 100

94 107.0 87.0 127.0

109 44.1 24.1 64.1

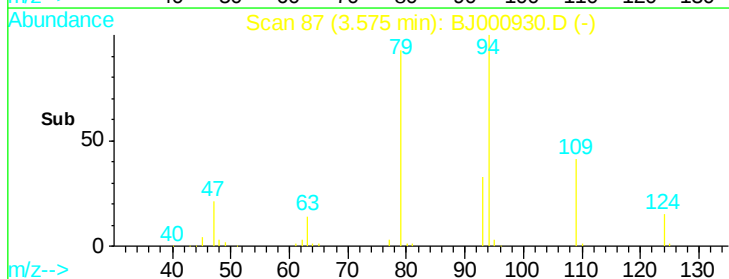
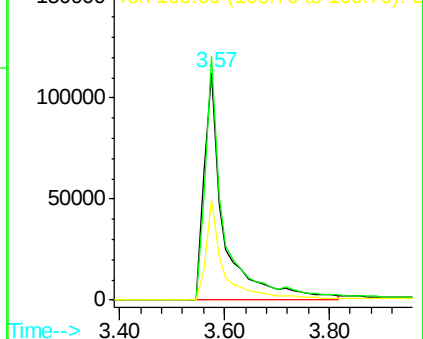


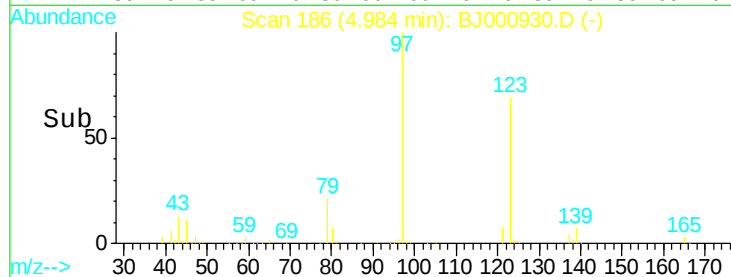
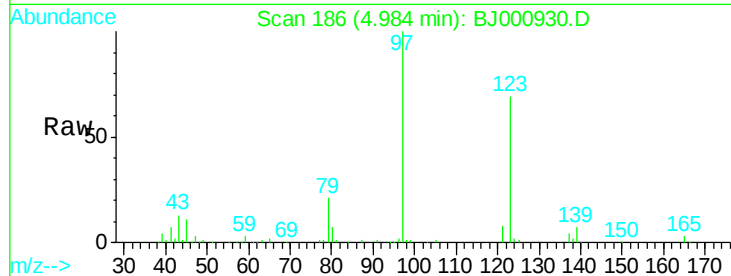
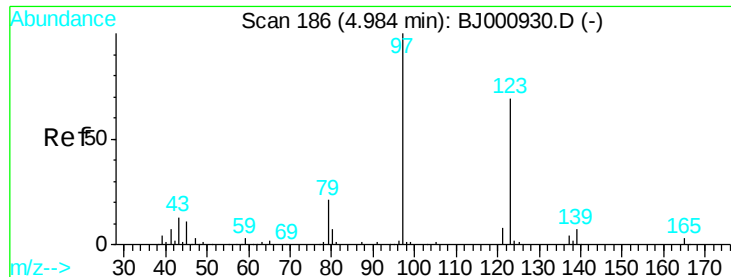
Abundance

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: 2.63 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

Tgt Ion: 97 Resp: 729767

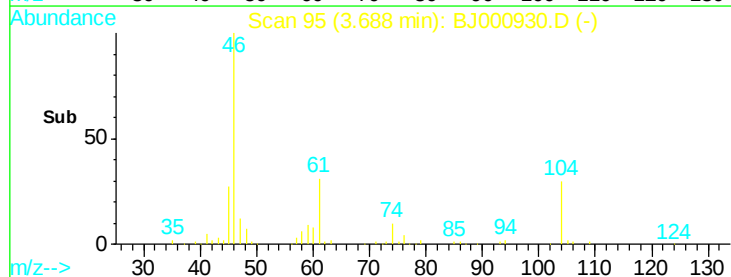
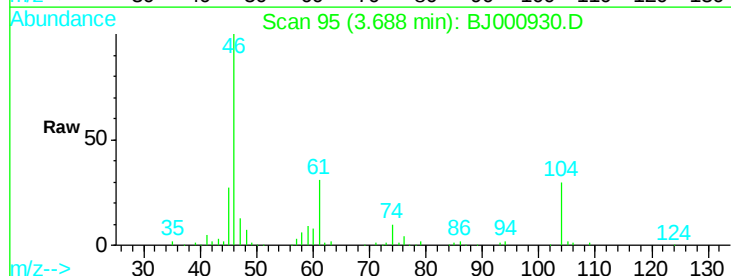
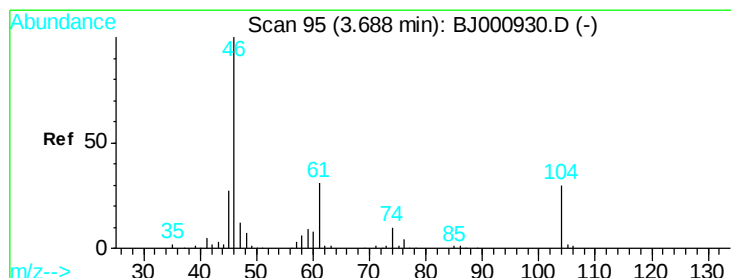
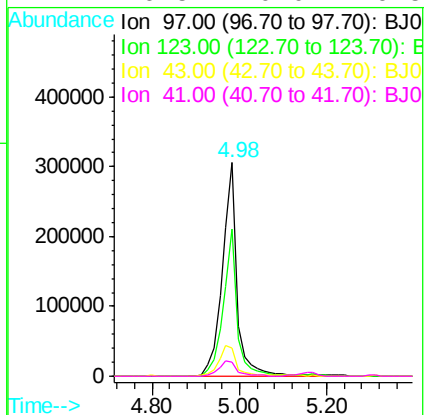
Ion Ratio Lower Upper

97 100

123 69.1 49.1 89.1

43 13.2 0.0 33.2

41 6.5 0.0 26.5



#5

1,4-Oxathiane

Concen: 6.01 ug/mL

RT: 3.69 min Scan# 95

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

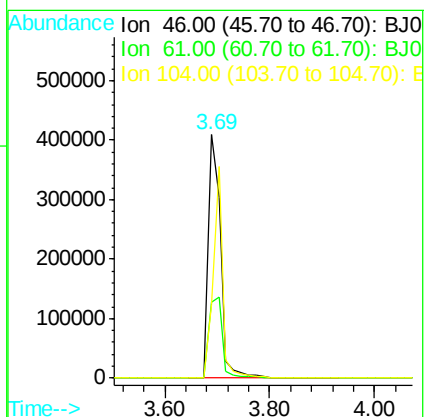
Tgt Ion: 46 Resp: 671086

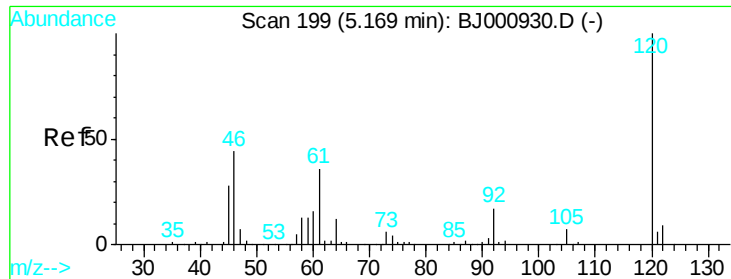
Ion Ratio Lower Upper

46 100

61 31.2 11.2 51.2

104 30.0 10.0 50.0





#7

1,4-Dithiane

Concen: 6.73 ug/mL

RT: 5.17 min Scan# 199

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

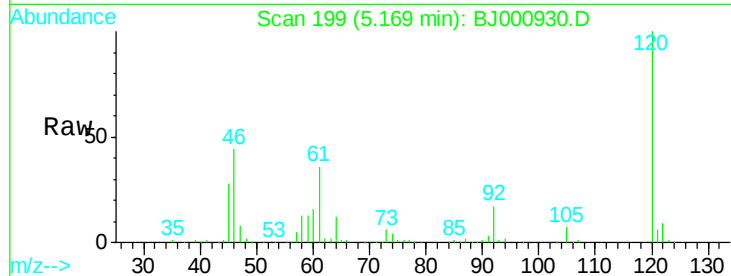
Tgt Ion: 46 Resp: 568001

Ion Ratio Lower Upper

46 100

61 81.9 61.9 101.9

120 228.1 208.1 248.1

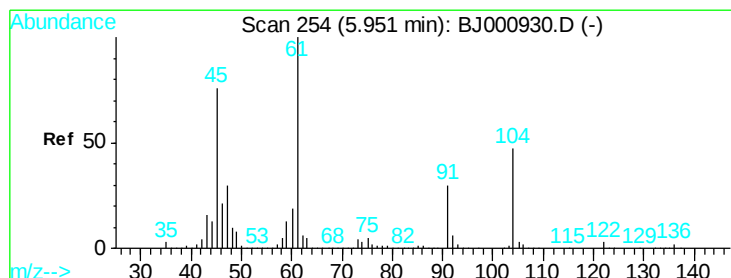
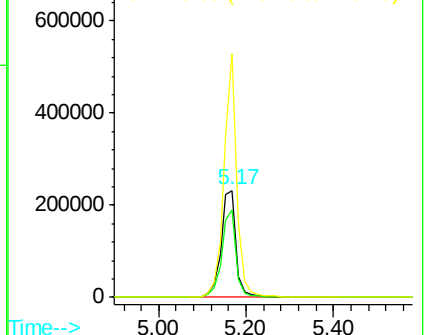
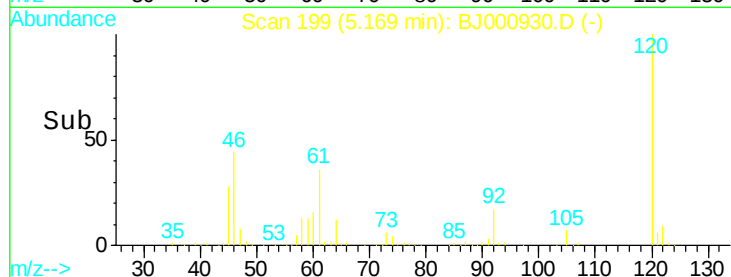


Abundance

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: 38.71 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

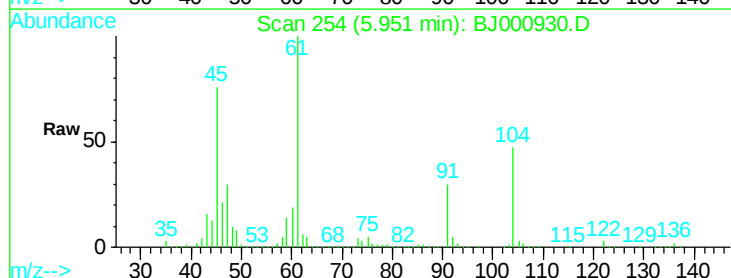
Tgt Ion: 61 Resp: 3281566

Ion Ratio Lower Upper

61 100

45 76.3 56.3 96.3

47 30.1 10.1 50.1

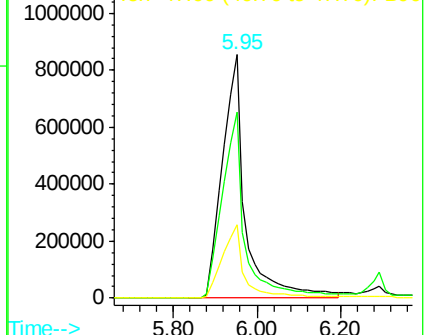
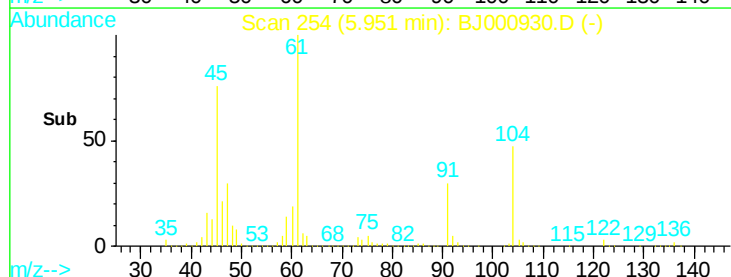


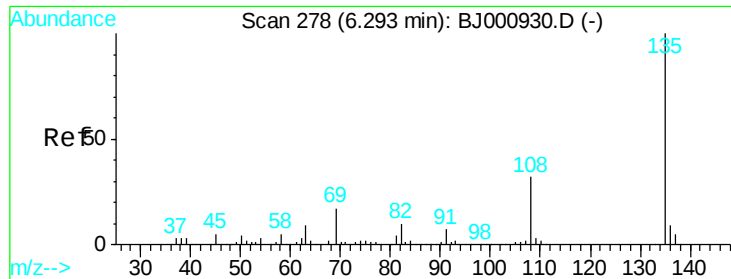
Abundance

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: 12.96 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

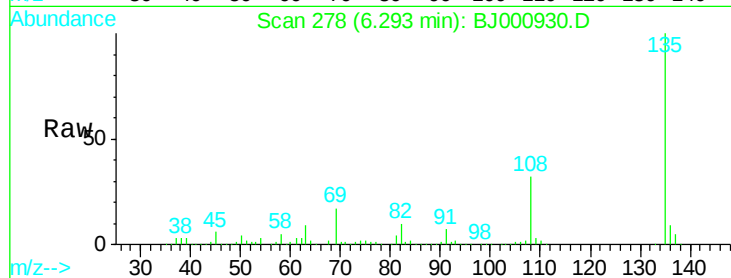
Tgt Ion:135 Resp: 4125653

Ion Ratio Lower Upper

135 100

108 32.0 12.0 52.0

69 16.6 0.0 36.6

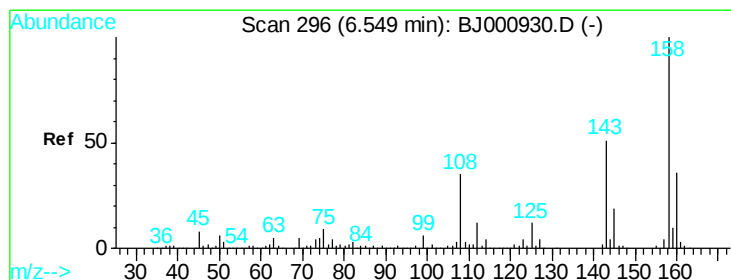
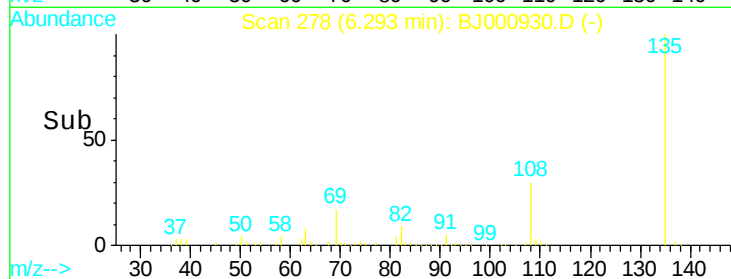
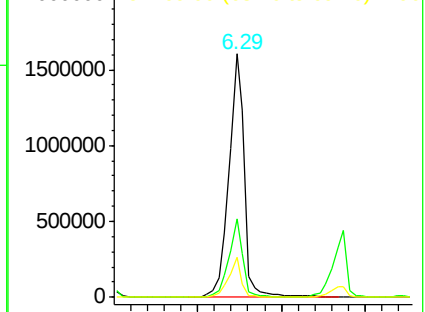


Abundance

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: 11.70 ug/mL

RT: 6.55 min Scan# 296

Delta R.T. 0.00 min

Lab File: BJ000930.D

Acq: 8 Jun 2012 12:25

Tgt Ion:158 Resp: 2577061

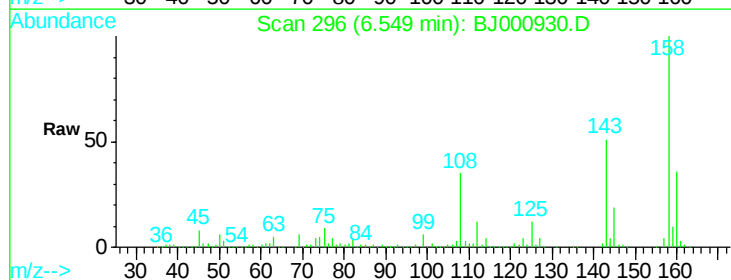
Ion Ratio Lower Upper

158 100

143 51.3 31.3 71.3

108 34.9 14.9 54.9

45 8.5 0.0 28.5



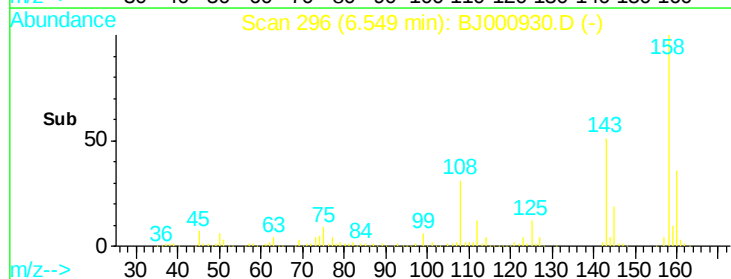
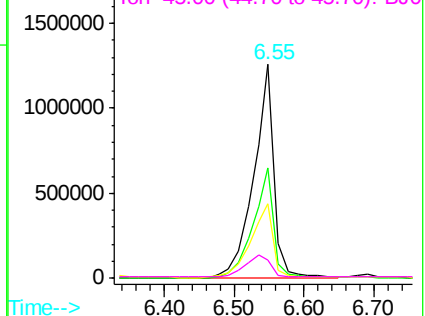
Abundance

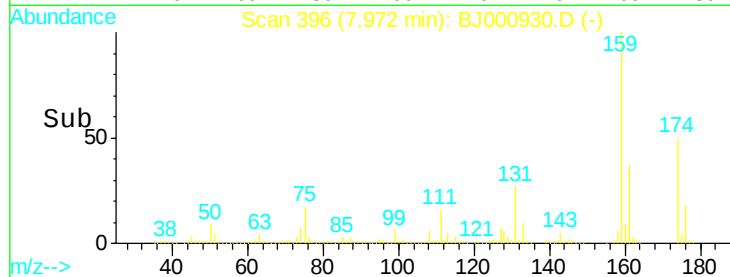
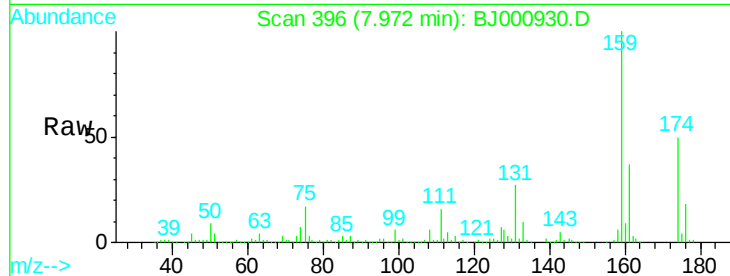
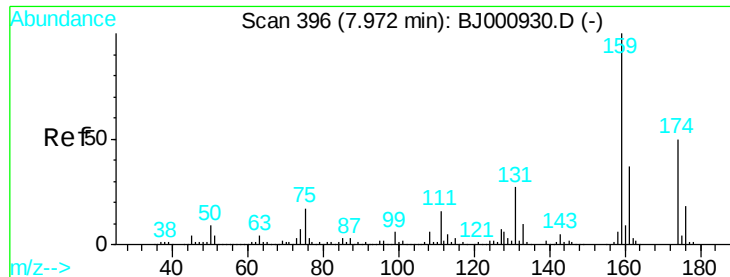
Ion 158.00 (157.70 to 158.70): E

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

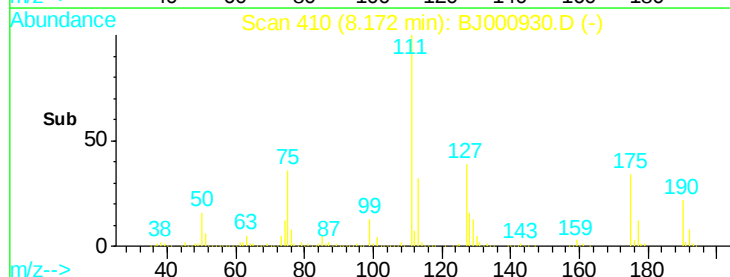
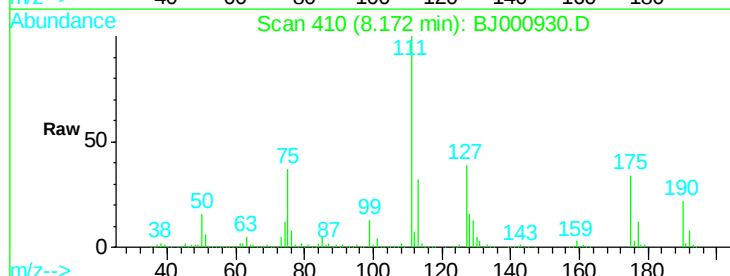
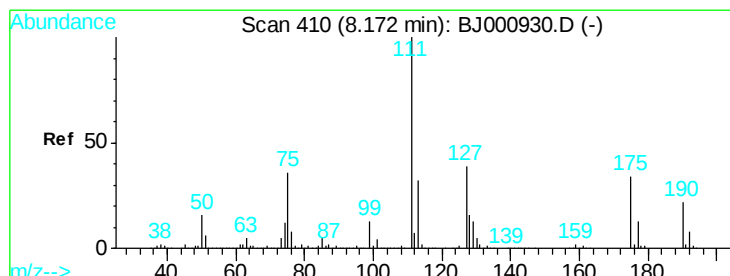
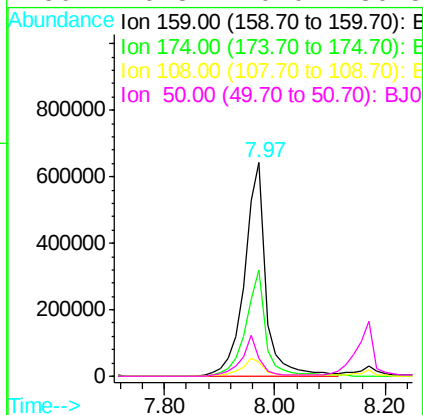




#13
p-Chlorophenylmethylsulfoxide
Concen: 13.91 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. 0.00 min
Lab File: BJ000930.D
Acq: 8 Jun 2012 12:25

Tgt Ion:159 Resp: 1708822

Ion	Ratio	Lower	Upper
159	100		
174	47.0	27.0	67.0
108	8.3	0.0	28.3
50	16.8	0.0	36.8



#14
p-Chlorophenylmethylsulfone
Concen: 11.75 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. 0.00 min
Lab File: BJ000930.D
Acq: 8 Jun 2012 12:25

Tgt Ion:111 Resp: 2128098

Ion	Ratio	Lower	Upper
111	100		
75	36.5	16.5	56.5
127	39.3	19.3	59.3
190	22.0	2.0	42.0

