

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000931.D

Vial: 3

Acq On : 8 Jun 2012 13:26

Operator: HLM

Sample : CWA-6

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	4.64	152	238611	2.00	ug/mL	-0.08
6) Naphthalene-d8	5.93	136	451288	2.00	ug/mL	-0.08

System Monitoring Compounds

10) Tripropylphosphate	6.99	99	1072639	6.97	ug/mL	-0.06
Spiked Amount	0.500	Range	70 - 130	Recovery	=	1394.00%#
12) 2-Bromothioanisole	7.23	204	1471072	49.69	ug/mL	-0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	993.80%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.64	94	126173	1.44	ug/mL# 77
3) DMMP	3.61	79	895272	11.29	ug/mL 97
4) DIMP	4.94	97	754512	3.58	ug/mL 97
5) 1,4-Oxathiane	3.74	46	1861701	22.00	ug/mL 90
7) 1,4-Dithiane	5.11	46	749528	25.15	ug/mL# 65
8) Thiodiglycol	5.89	61	2672853	87.09	ug/mL 97
9) Benzothiazole	6.23	135	5624893	50.08	ug/mL 89
11) p-Chlorophenylmethyldisulfide	6.47	158	4033785	51.91	ug/mL 96
13) p-Chlorophenylmethyldisulfox	7.88	159	1735248	40.03	ug/mL 95
14) p-Chlorophenylmethyldisulfon	8.08	111	1968798	30.81	ug/mL 94

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Quant Time: Jun 8 15:33 2012

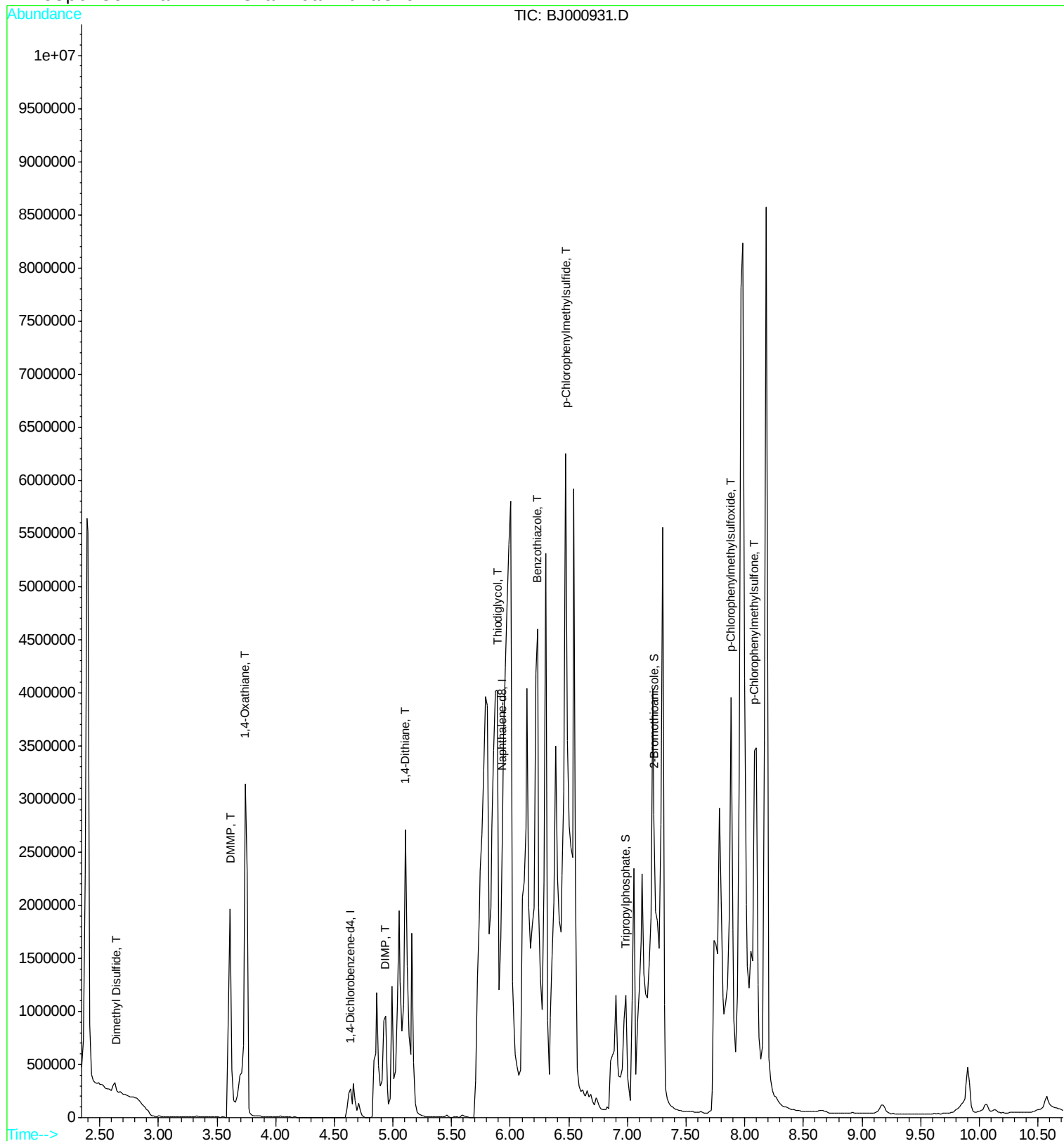
Quant Results File: BJ060812.RES

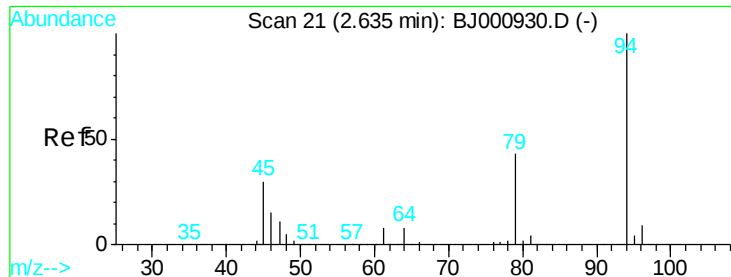
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jun 08 15:35:04 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.44 ug/mL

RT: 2.64 min Scan# 22

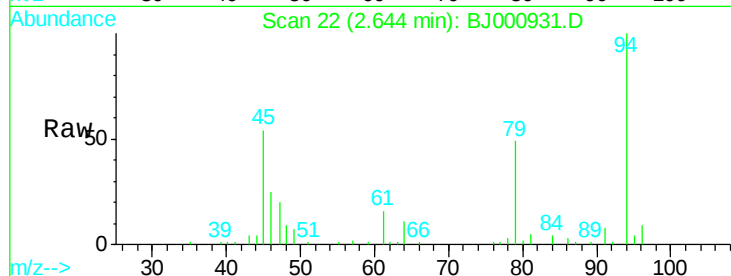
Delta R.T. 0.01 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

Tgt Ion: 94 Resp: 126173

Ion	Ratio	Lower	Upper
94	100		
45	53.7	11.1	51.1#
79	49.4	22.9	62.9

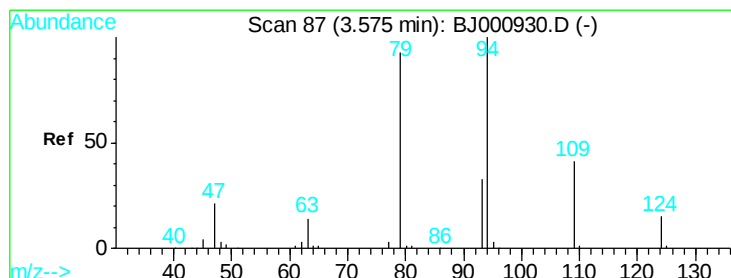
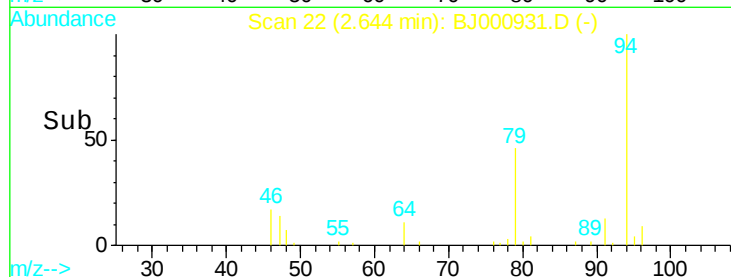
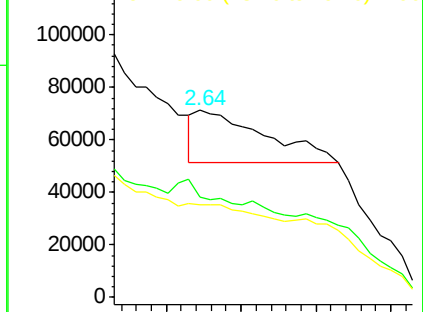


Abundance

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: 11.29 ug/mL

RT: 3.61 min Scan# 90

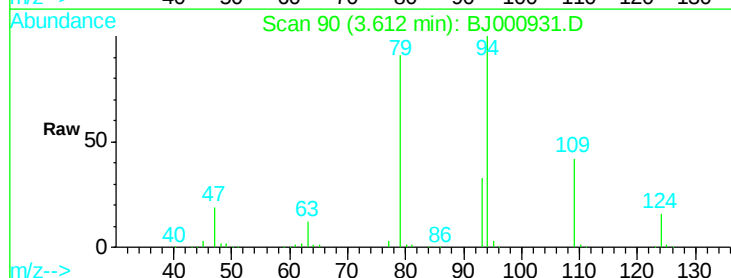
Delta R.T. 0.04 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

Tgt Ion: 79 Resp: 895272

Ion	Ratio	Lower	Upper
79	100		
94	110.2	87.0	127.0
109	46.4	24.1	64.1

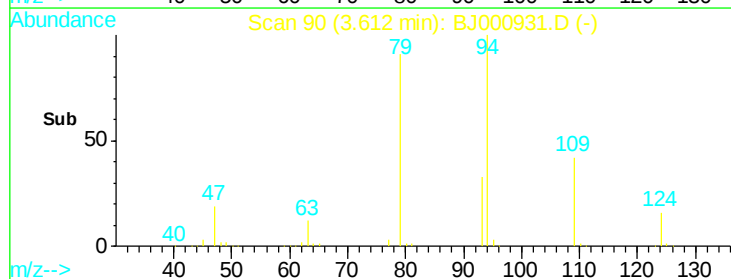
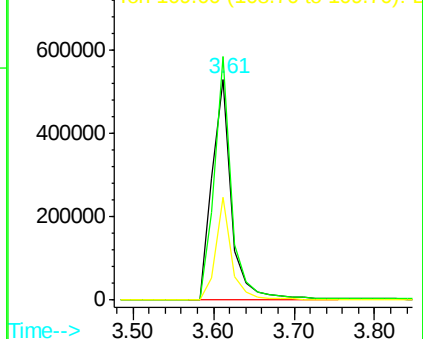


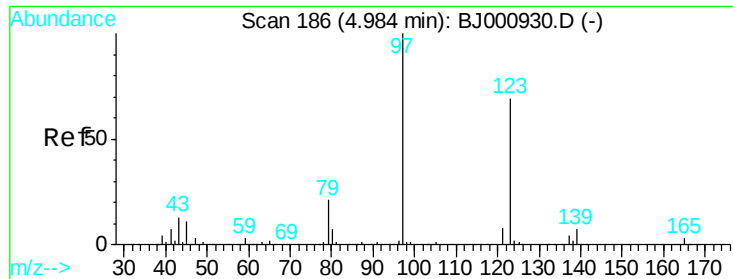
Abundance

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: 3.58 ug/mL

RT: 4.94 min Scan# 183

Delta R.T. -0.05 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

Tgt Ion: 97 Resp: 754512

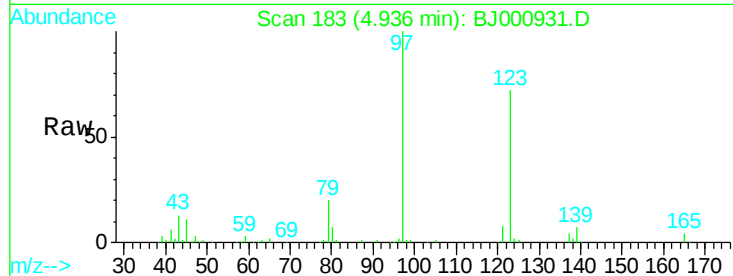
Ion Ratio Lower Upper

97 100

123 72.5 49.1 89.1

43 12.9 0.0 33.2

41 6.4 0.0 26.5

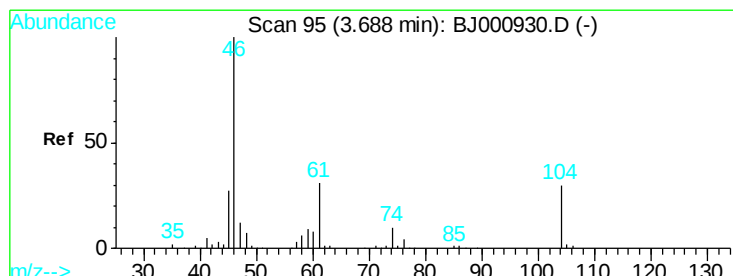
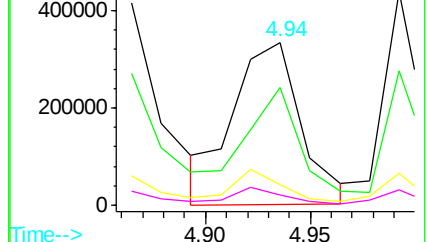
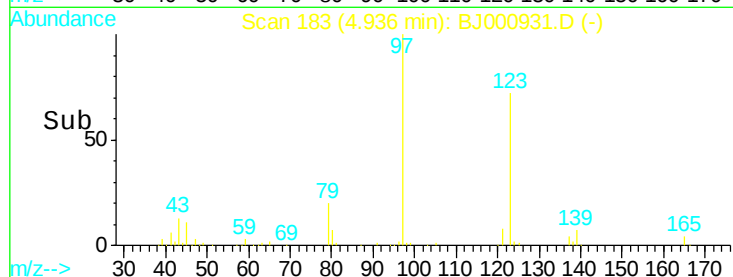


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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: 22.00 ug/mL

RT: 3.74 min Scan# 99

Delta R.T. 0.05 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

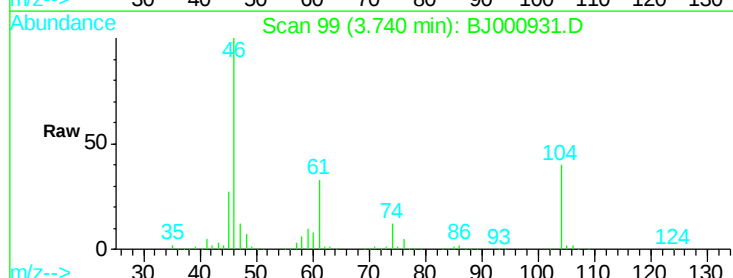
Tgt Ion: 46 Resp: 1861701

Ion Ratio Lower Upper

46 100

61 32.6 11.2 51.2

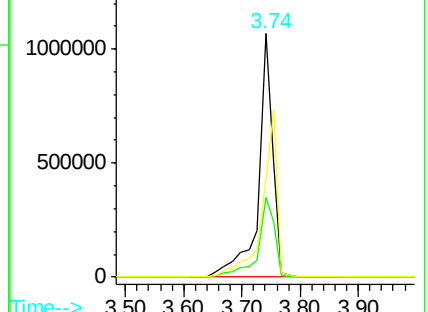
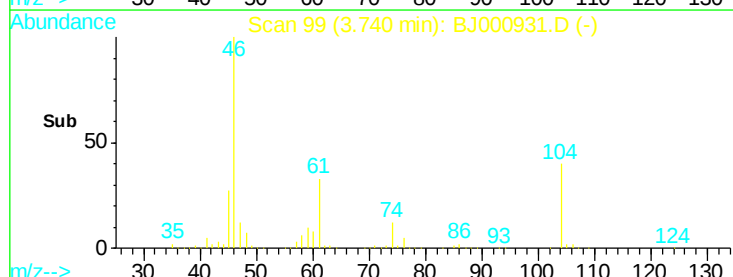
104 40.0 10.0 50.0

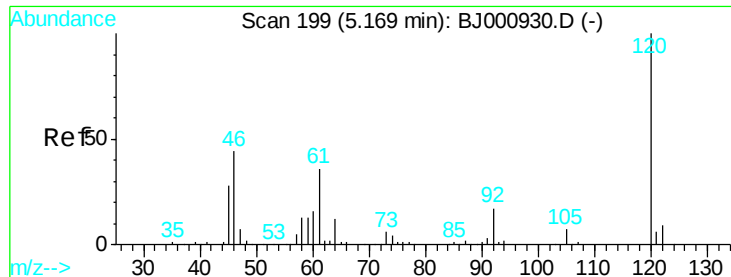


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 25.15 ug/mL

RT: 5.11 min Scan# 195

Delta R.T. -0.06 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

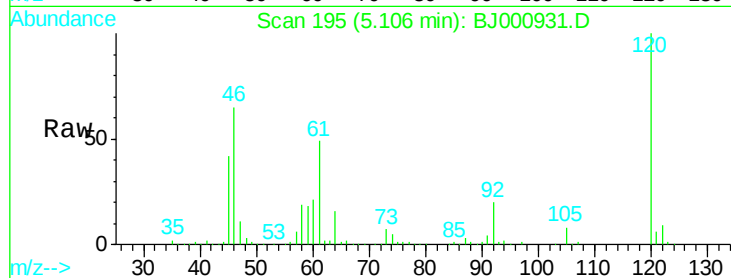
Tgt Ion: 46 Resp: 749528

Ion Ratio Lower Upper

46 100

61 74.8 61.9 101.9

120 153.9 208.1 248.1#

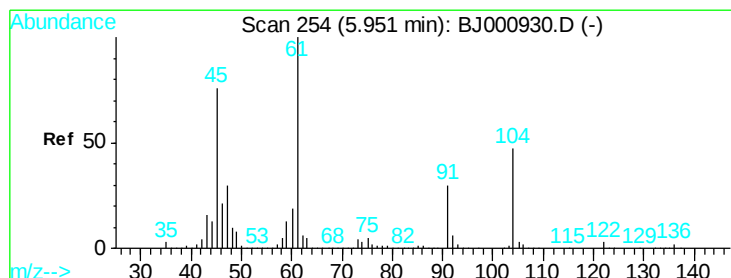
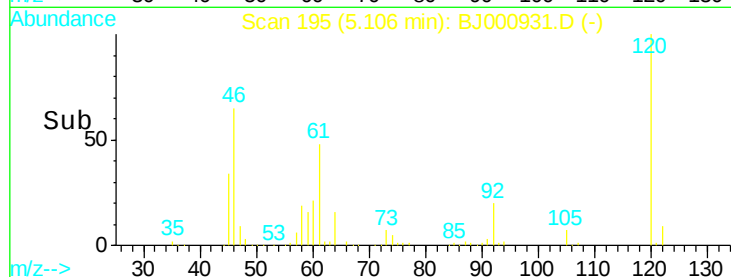
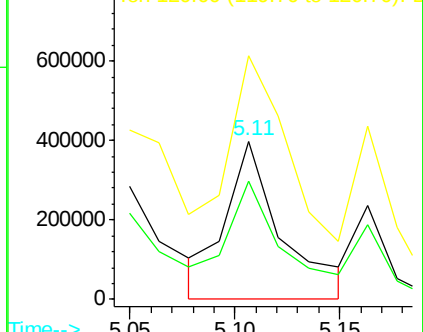


Abundance

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: 87.09 ug/mL

RT: 5.89 min Scan# 250

Delta R.T. -0.06 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

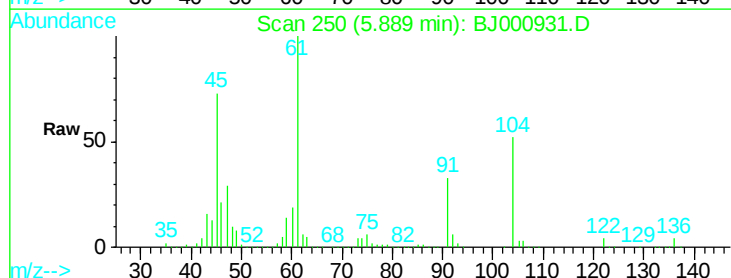
Tgt Ion: 61 Resp: 2672853

Ion Ratio Lower Upper

61 100

45 73.3 56.3 96.3

47 29.3 10.1 50.1

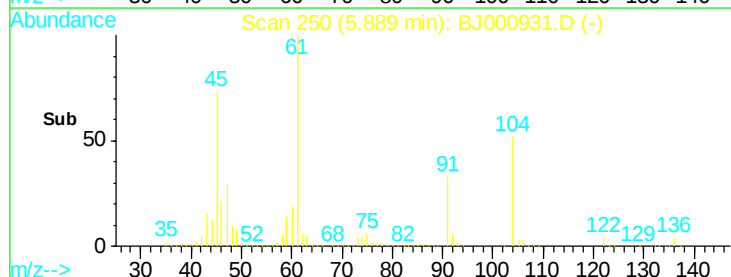
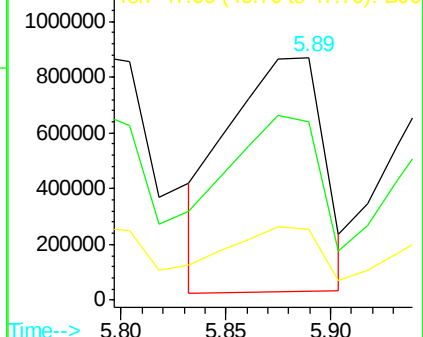


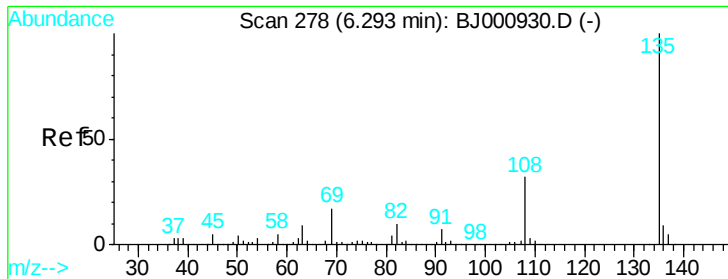
Abundance

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: 50.08 ug/mL

RT: 6.23 min Scan# 274

Delta R.T. -0.06 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

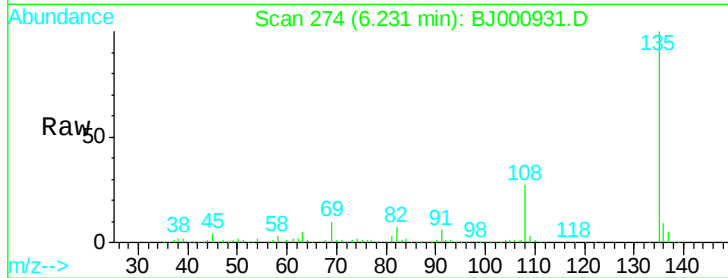
Tgt Ion:135 Resp: 5624893

Ion Ratio Lower Upper

135 100

108 27.2 12.0 52.0

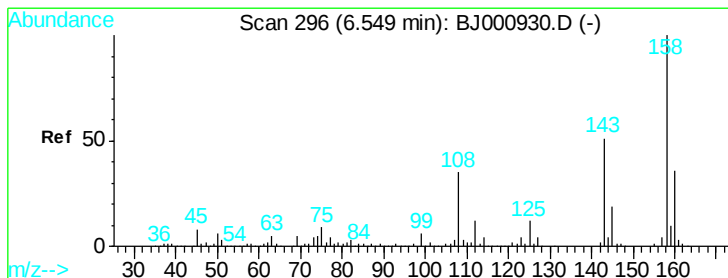
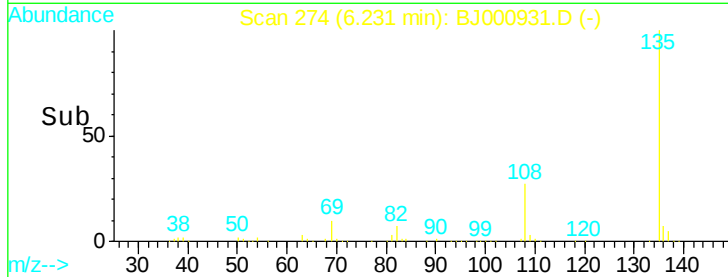
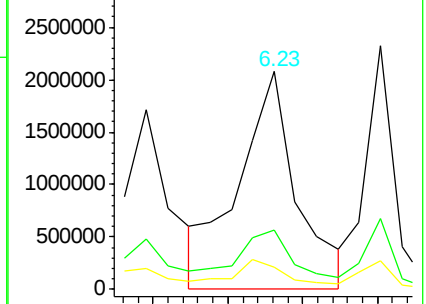
69 10.4 0.0 36.6



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: 51.91 ug/mL

RT: 6.47 min Scan# 291

Delta R.T. -0.08 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

Tgt Ion:158 Resp: 4033785

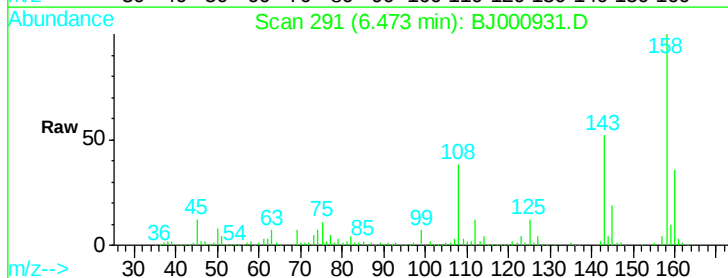
Ion Ratio Lower Upper

158 100

143 52.1 31.3 71.3

108 38.2 14.9 54.9

45 12.1 0.0 28.5

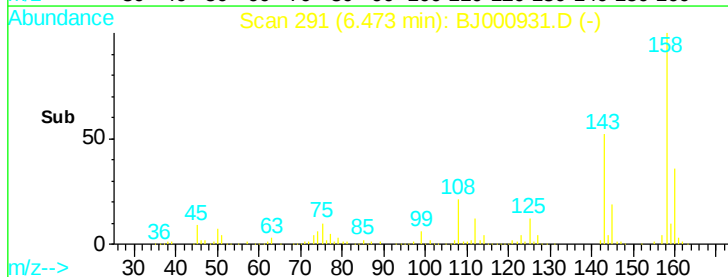
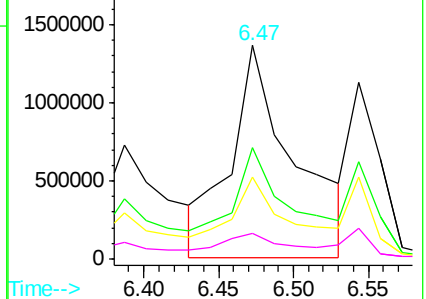


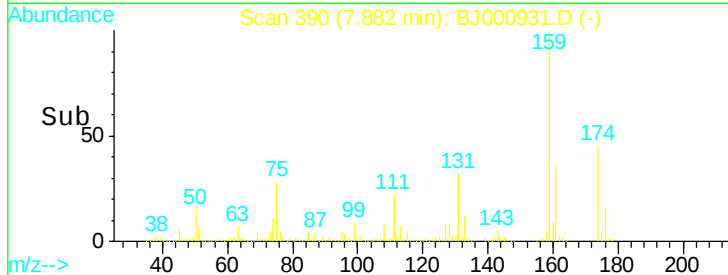
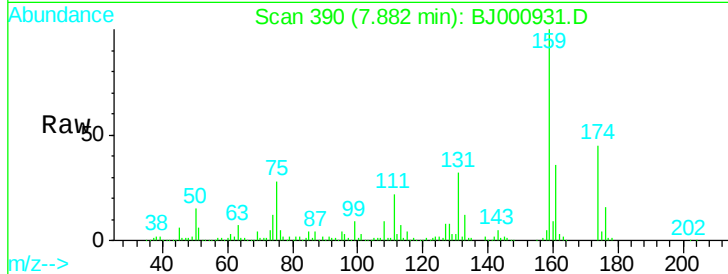
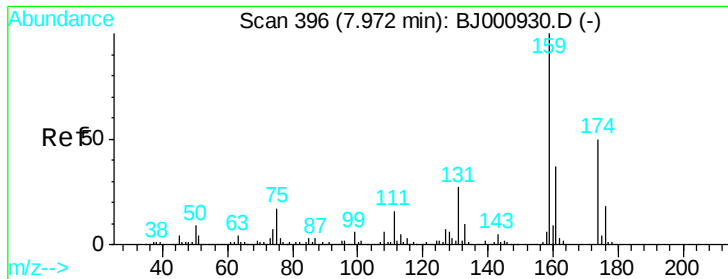
Abundance Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

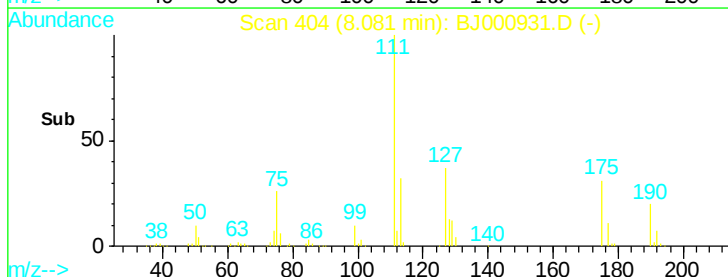
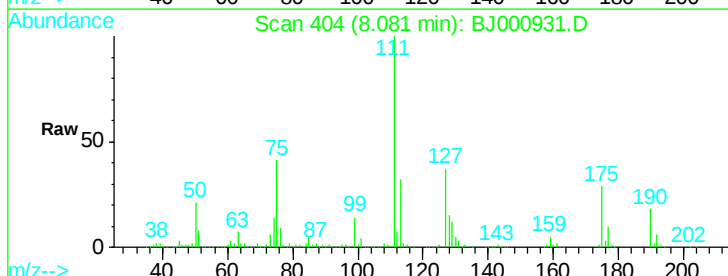
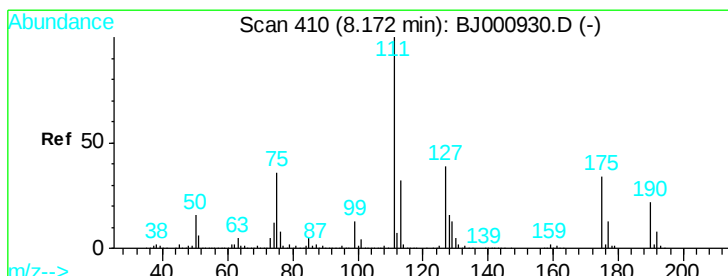
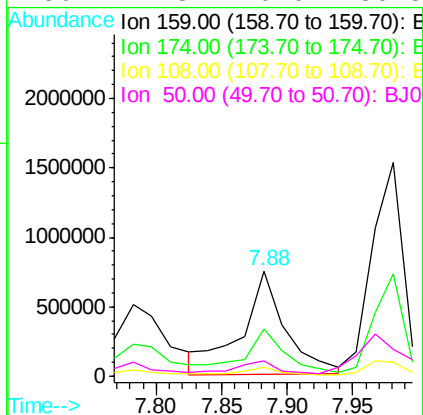
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 40.03 ug/mL
RT: 7.88 min Scan# 390
Delta R.T. -0.09 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Tgt Ion:	159	Resp:	1735248
Ion	Ratio	Lower	Upper
159	100		
174	49.9	27.0	67.0
108	8.0	0.0	28.3
50	12.3	0.0	36.8



#14
p-Chlorophenylmethylsulfone
Concen: 30.81 ug/mL
RT: 8.08 min Scan# 404
Delta R.T. -0.09 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Tgt Ion:	111	Resp:	1968798
Ion	Ratio	Lower	Upper
111	100		
75	41.1	16.5	56.5
127	36.9	19.3	59.3
190	18.2	2.0	42.0

