

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000932.D

Vial: 4

Acq On : 8 Jun 2012 13:44

Operator: HLM

Sample : CWA-5

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	4.67	152	330924	2.00	ug/mL	-0.05
6) Naphthalene-d8	5.96	136	721547	2.00	ug/mL	-0.05

System Monitoring Compounds

10) Tripropylphosphate	6.99	99	666229	2.71	ug/mL	-0.06
Spiked Amount	0.500	Range	70 - 130	Recovery	=	542.00%#
12) 2-Bromothioanisole	7.20	204	469218	9.91	ug/mL	-0.10
Spiked Amount	5.000	Range	70 - 130	Recovery	=	198.20%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.69	94	1654282	13.57	ug/mL 81
3) DMMP	3.58	79	640614	5.88	ug/mL# 77
4) DIMP	4.94	97	438582	1.51	ug/mL 92
5) 1,4-Oxathiane	3.73	46	1209372	10.30	ug/mL 92
7) 1,4-Dithiane	5.12	46	1122174	23.55	ug/mL# 75
8) Thiodiglycol	5.96	61	4576059	93.14	ug/mL 99
9) Benzothiazole	6.25	135	2584362	14.39	ug/mL 92
11) p-Chlorophenylmethyldisulfid	6.54	158	5405108	43.50	ug/mL 91
13) p-Chlorophenylmethyldisulfox	7.90	159	816024	11.77	ug/mL 97
14) p-Chlorophenylmethyldisulfon	8.10	111	1037169	10.15	ug/mL 92

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Quant Time: Jun 8 15:33 2012

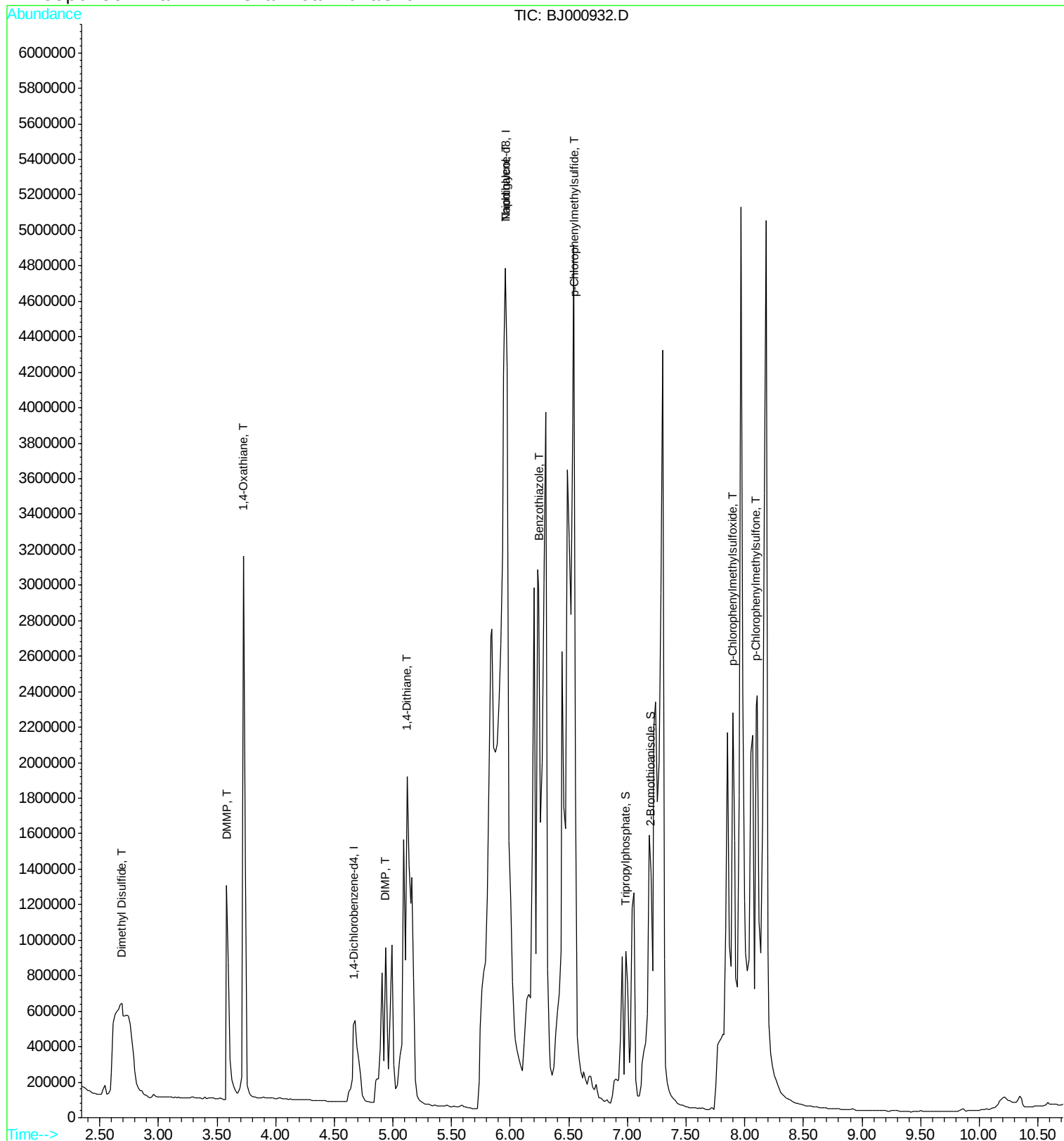
Quant Results File: BJ060812.RES

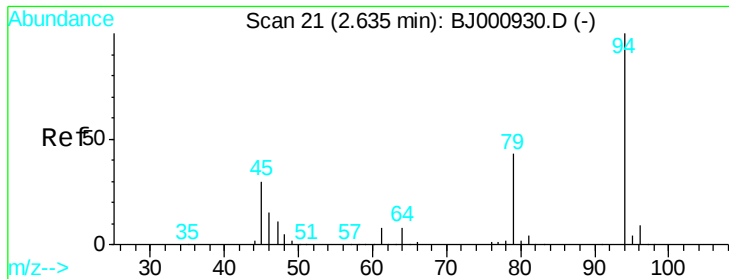
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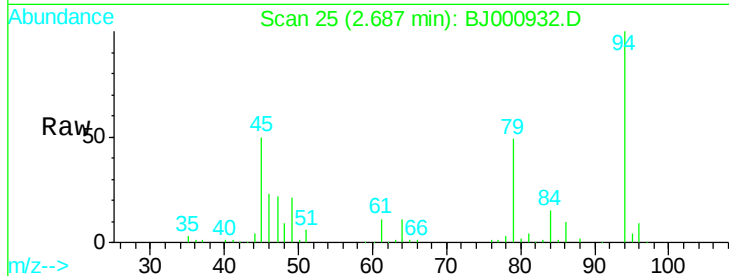


#2

Dimethyl Disulfide
Concen: 13.57 ug/mL
RT: 2.69 min Scan# 25
Delta R.T. 0.05 min
Lab File: BJ000932.D
Acq: 8 Jun 2012 13:44

Tgt Ion: 94 Resp: 1654282

Ion	Ratio	Lower	Upper
94	100		
45	49.5	11.1	51.1
79	48.6	22.9	62.9

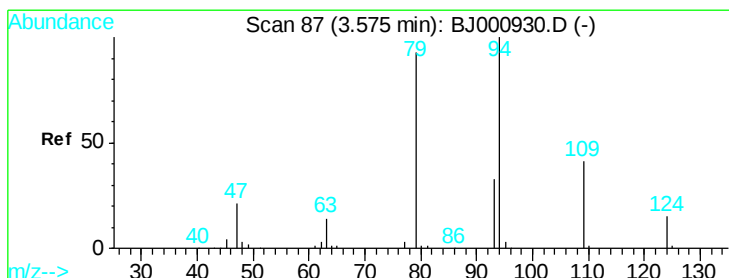
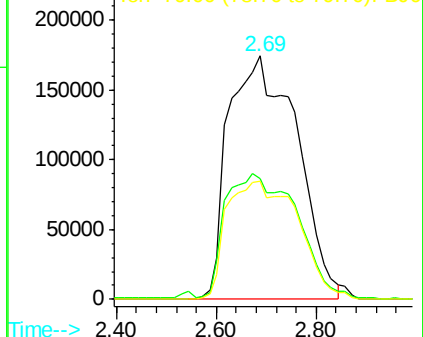
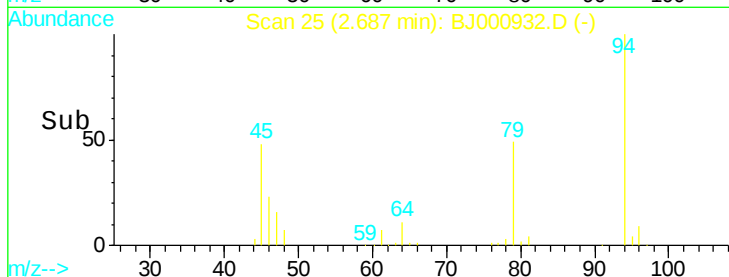


Abundance

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

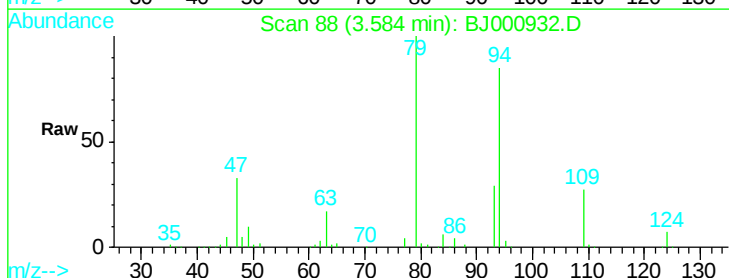


#3

DMMP
Concen: 5.88 ug/mL
RT: 3.58 min Scan# 88
Delta R.T. 0.01 min
Lab File: BJ000932.D
Acq: 8 Jun 2012 13:44

Tgt Ion: 79 Resp: 640614

Ion	Ratio	Lower	Upper
79	100		
94	84.6	87.0	127.0#
109	26.6	24.1	64.1

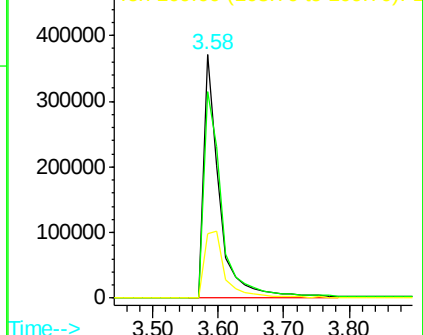
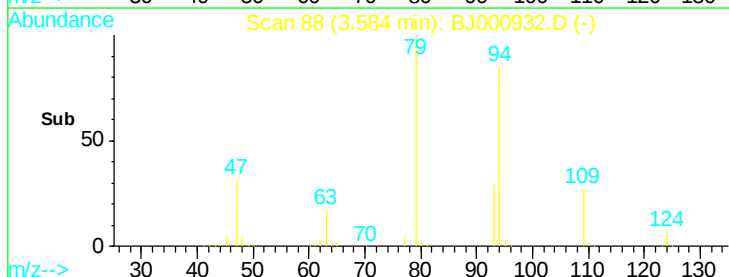


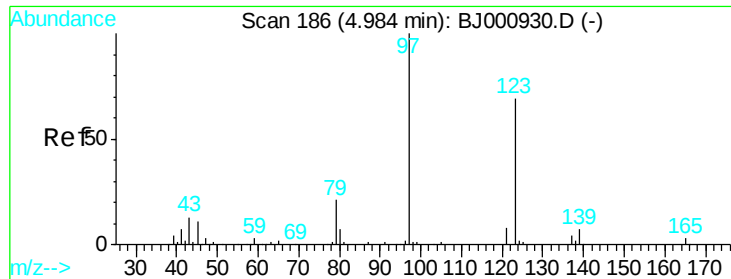
Abundance

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: 1.51 ug/mL

RT: 4.94 min Scan# 183

Delta R.T. -0.05 min

Lab File: BJ000932.D

Acq: 8 Jun 2012 13:44

Tgt Ion: 97 Resp: 438582

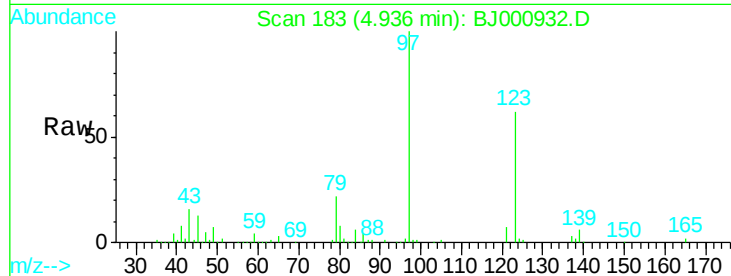
Ion Ratio Lower Upper

97 100

123 62.0 49.1 89.1

43 16.2 0.0 33.2

41 8.2 0.0 26.5

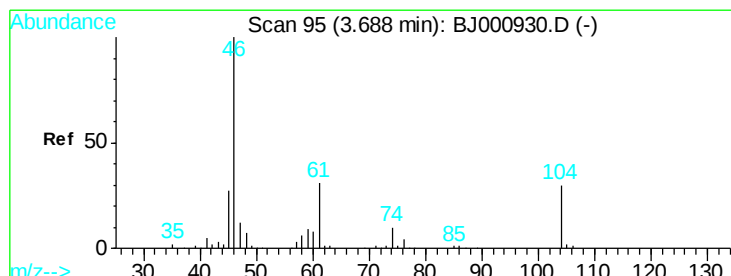
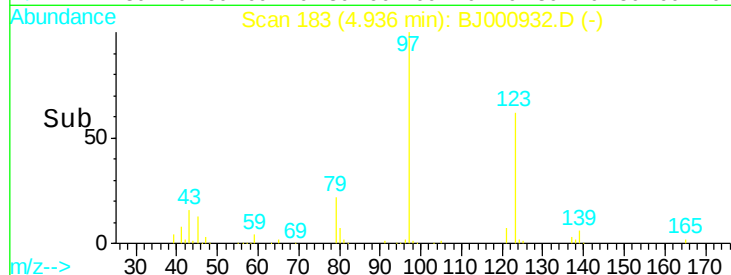
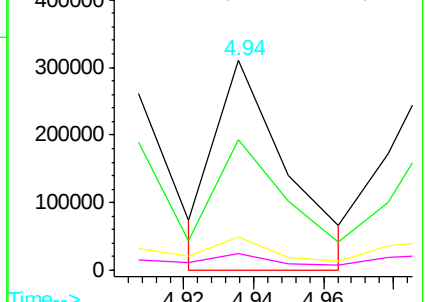


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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: 10.30 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.04 min

Lab File: BJ000932.D

Acq: 8 Jun 2012 13:44

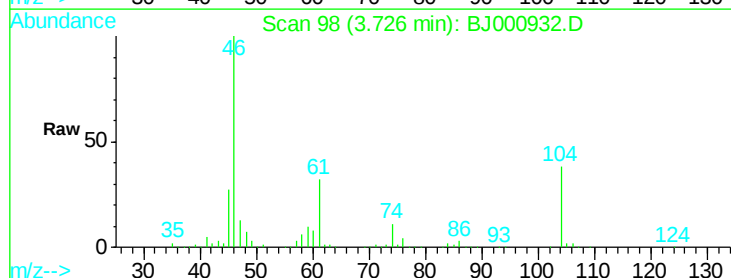
Tgt Ion: 46 Resp: 1209372

Ion Ratio Lower Upper

46 100

61 32.2 11.2 51.2

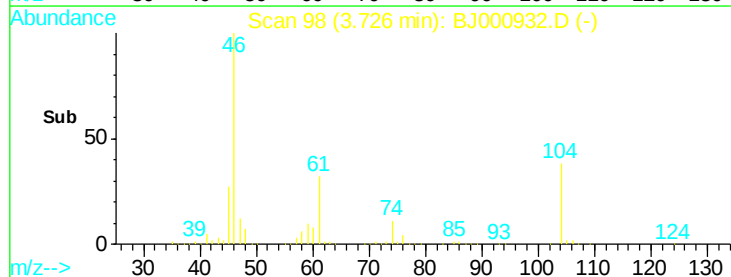
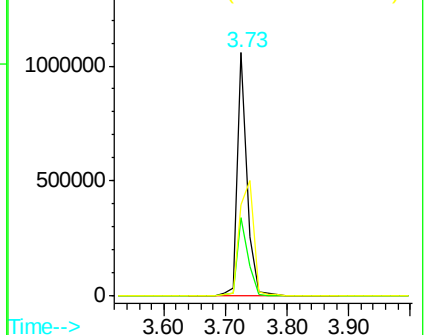
104 37.7 10.0 50.0

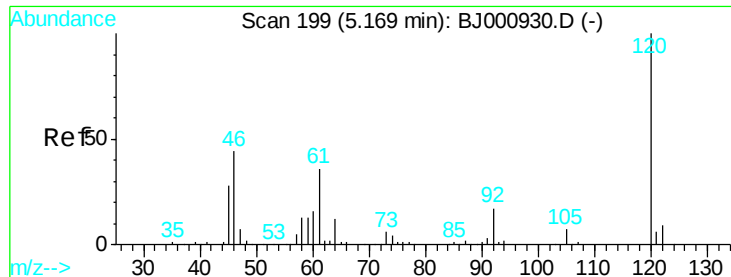


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 23.55 ug/mL

RT: 5.12 min Scan# 196

Delta R.T. -0.05 min

Lab File: BJ000932.D

Acq: 8 Jun 2012 13:44

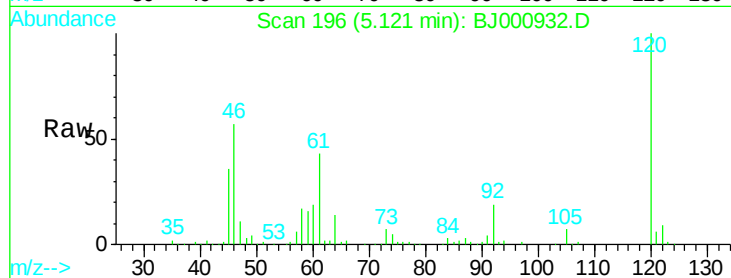
Tgt Ion: 46 Resp: 1122174

Ion Ratio Lower Upper

46 100

61 76.1 61.9 101.9

120 176.1 208.1 248.1#

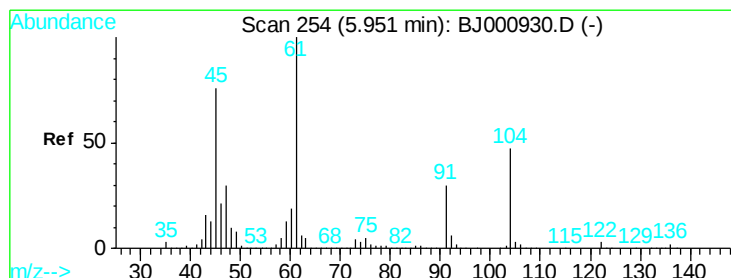
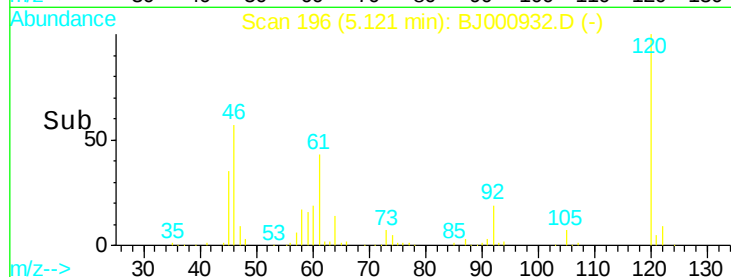
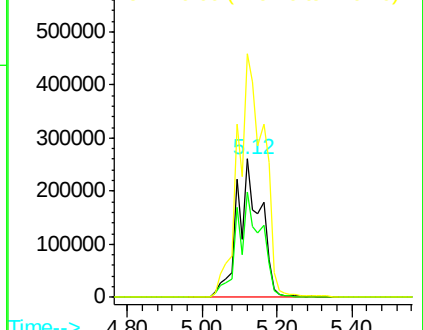


Abundance

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: 93.14 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. 0.01 min

Lab File: BJ000932.D

Acq: 8 Jun 2012 13:44

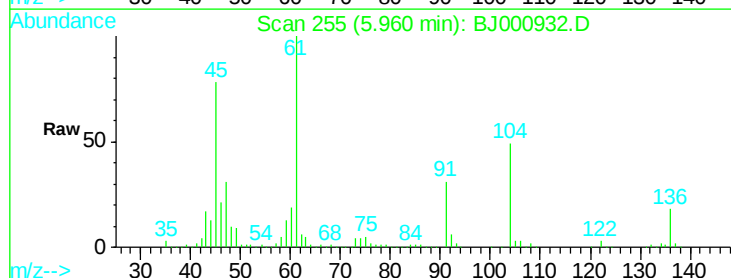
Tgt Ion: 61 Resp: 4576059

Ion Ratio Lower Upper

61 100

45 77.6 56.3 96.3

47 30.8 10.1 50.1

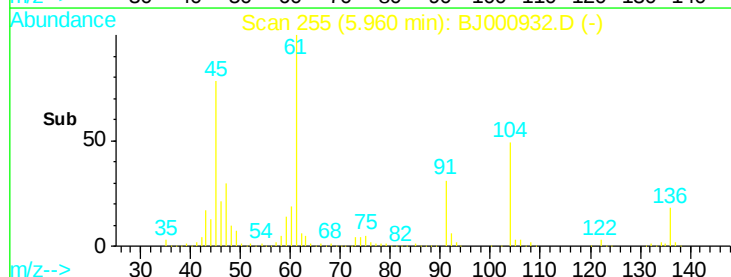
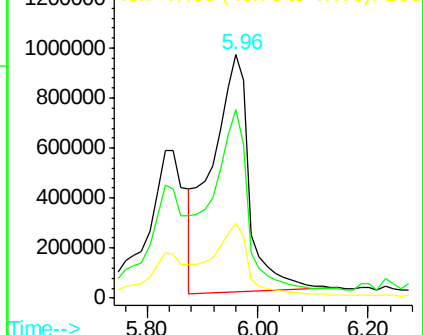


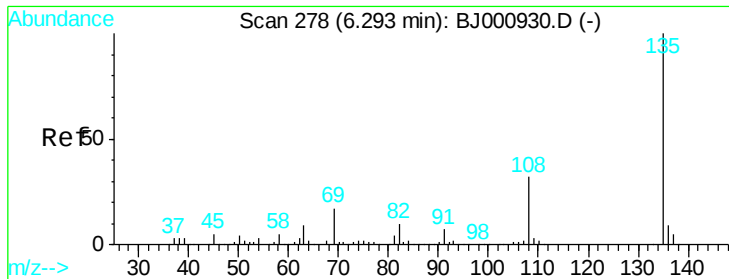
Abundance

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: 14.39 ug/mL

RT: 6.25 min Scan# 275

Delta R.T. -0.05 min

Lab File: BJ000932.D

Acq: 8 Jun 2012 13:44

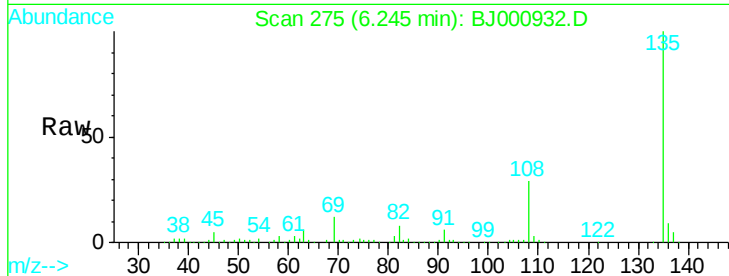
Tgt Ion:135 Resp: 2584362

Ion Ratio Lower Upper

135 100

108 28.7 12.0 52.0

69 11.9 0.0 36.6

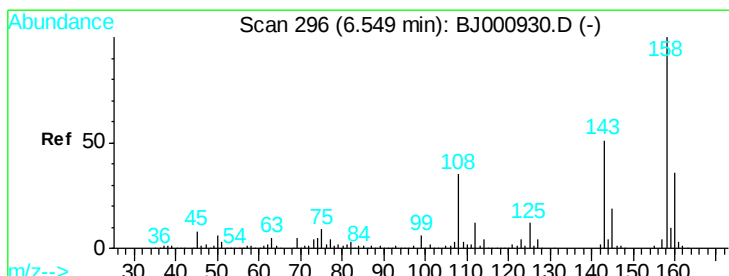
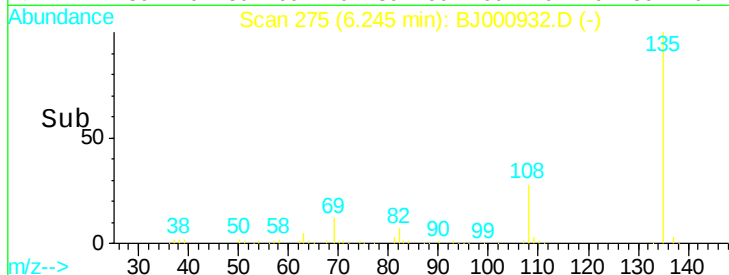
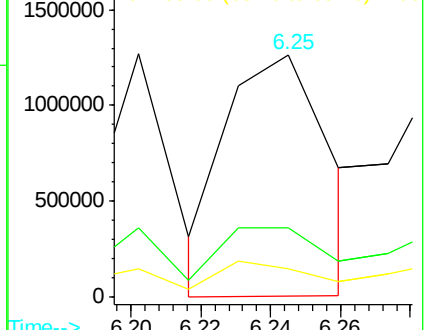


Abundance

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: 43.50 ug/mL

RT: 6.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: BJ000932.D

Acq: 8 Jun 2012 13:44

Tgt Ion:158 Resp: 5405108

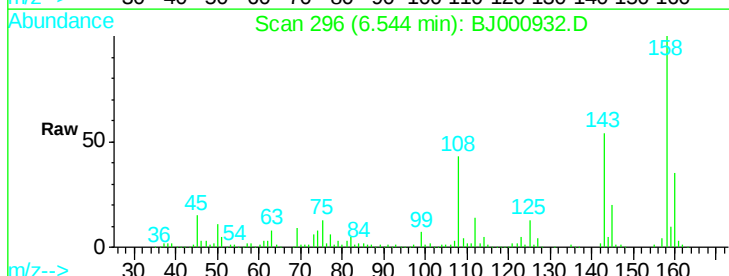
Ion Ratio Lower Upper

158 100

143 54.4 31.3 71.3

108 43.1 14.9 54.9

45 15.4 0.0 28.5



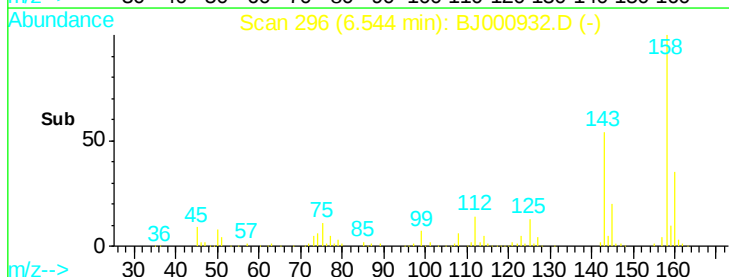
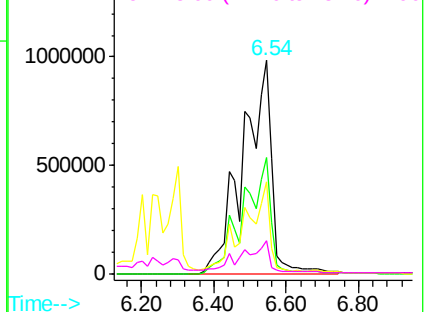
Abundance

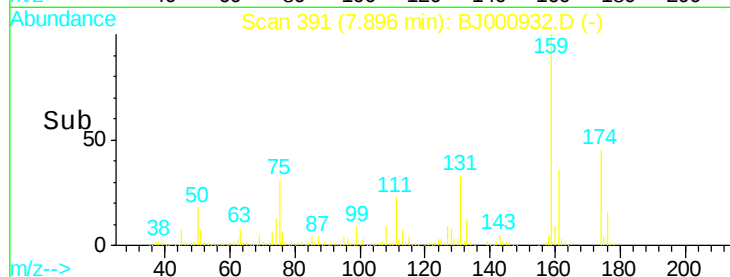
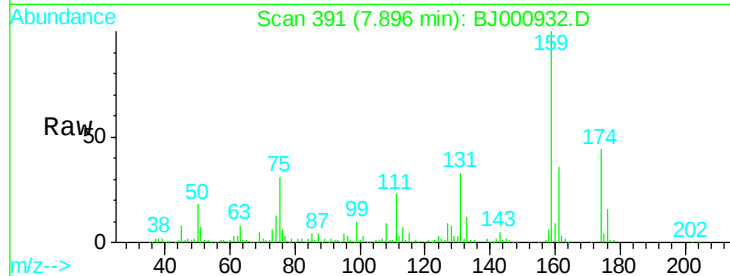
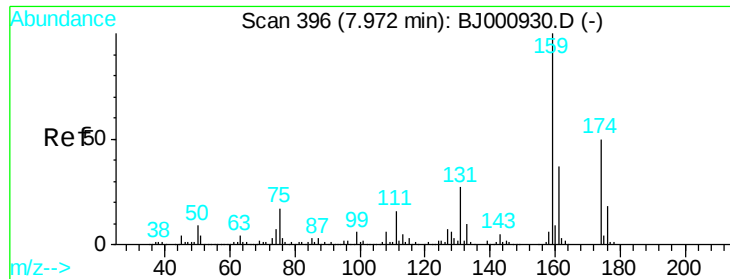
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

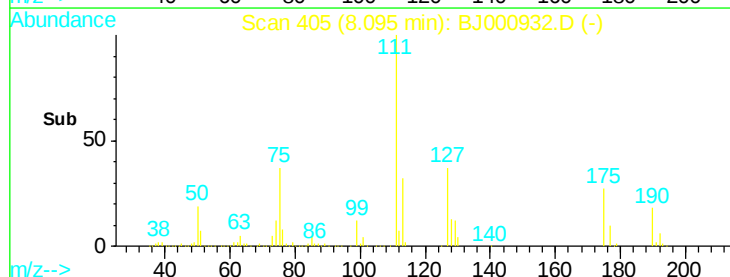
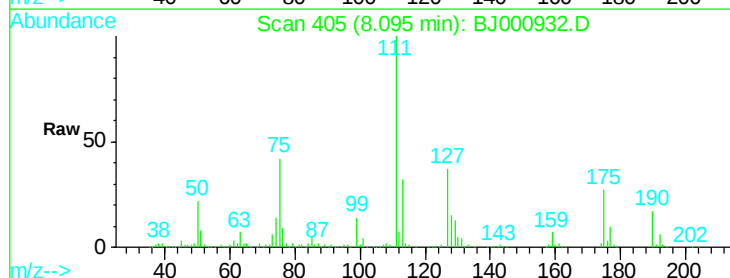
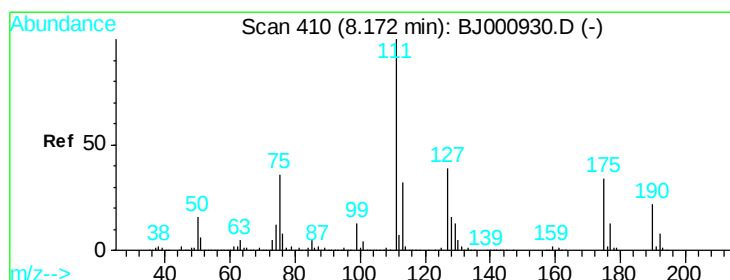
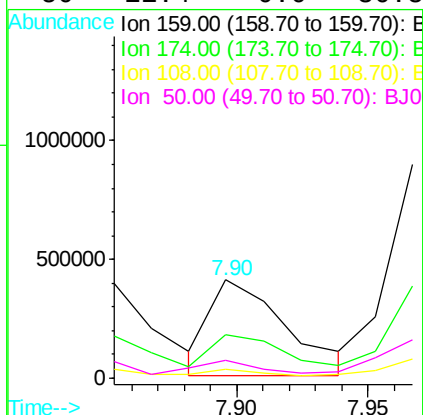
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 11.77 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. -0.08 min
Lab File: BJ000932.D
Acq: 8 Jun 2012 13:44

Tgt Ion:159 Resp: 816024
Ion Ratio Lower Upper
159 100
174 47.3 27.0 67.0
108 7.8 0.0 28.3
50 11.4 0.0 36.8



#14
p-Chlorophenylmethylsulfone
Concen: 10.15 ug/mL
RT: 8.10 min Scan# 405
Delta R.T. -0.08 min
Lab File: BJ000932.D
Acq: 8 Jun 2012 13:44

Tgt Ion:111 Resp: 1037169
Ion Ratio Lower Upper
111 100
75 42.5 16.5 56.5
127 37.2 19.3 59.3
190 16.9 2.0 42.0

