

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000944.D
 Acq On : 8 Jun 2012 18:37
 Sample : PB63665BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 11 15:29 2012

Vial: 10
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

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 15:52:40 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	293511	2.00	ug/mL	0.00
6) Naphthalene-d8	5.99	136	1207977	2.00	ug/mL	-0.02

System Monitoring Compounds

10) Tripropylphosphate	7.06	99	158797	0.34	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	68.00%#
12) 2-Bromothioanisole	7.30	204	260967	3.16	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.20%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.76	94	259522	2.60	ug/mL	91
3) DMMP	3.59	79	175488	1.61	ug/mL	90
4) DIMP	4.99	97	885177	3.53	ug/mL	91
5) 1,4-Oxathiane	3.71	46	318190	3.25	ug/mL	94
7) 1,4-Dithiane	5.15	46	300182	3.49	ug/mL#	87
8) Thiodiglycol	5.93	61	2278946	31.84	ug/mL	99
9) Benzothiazole	6.29	135	2499268	7.53	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.55	158	1456207	6.99	ug/mL	95
13) p-Chlorophenylmethyldisulfox	7.98	159	1121673	9.17	ug/mL	96
14) p-Chlorophenylmethyldisulfon	8.17	111	1165696	6.63	ug/mL	98

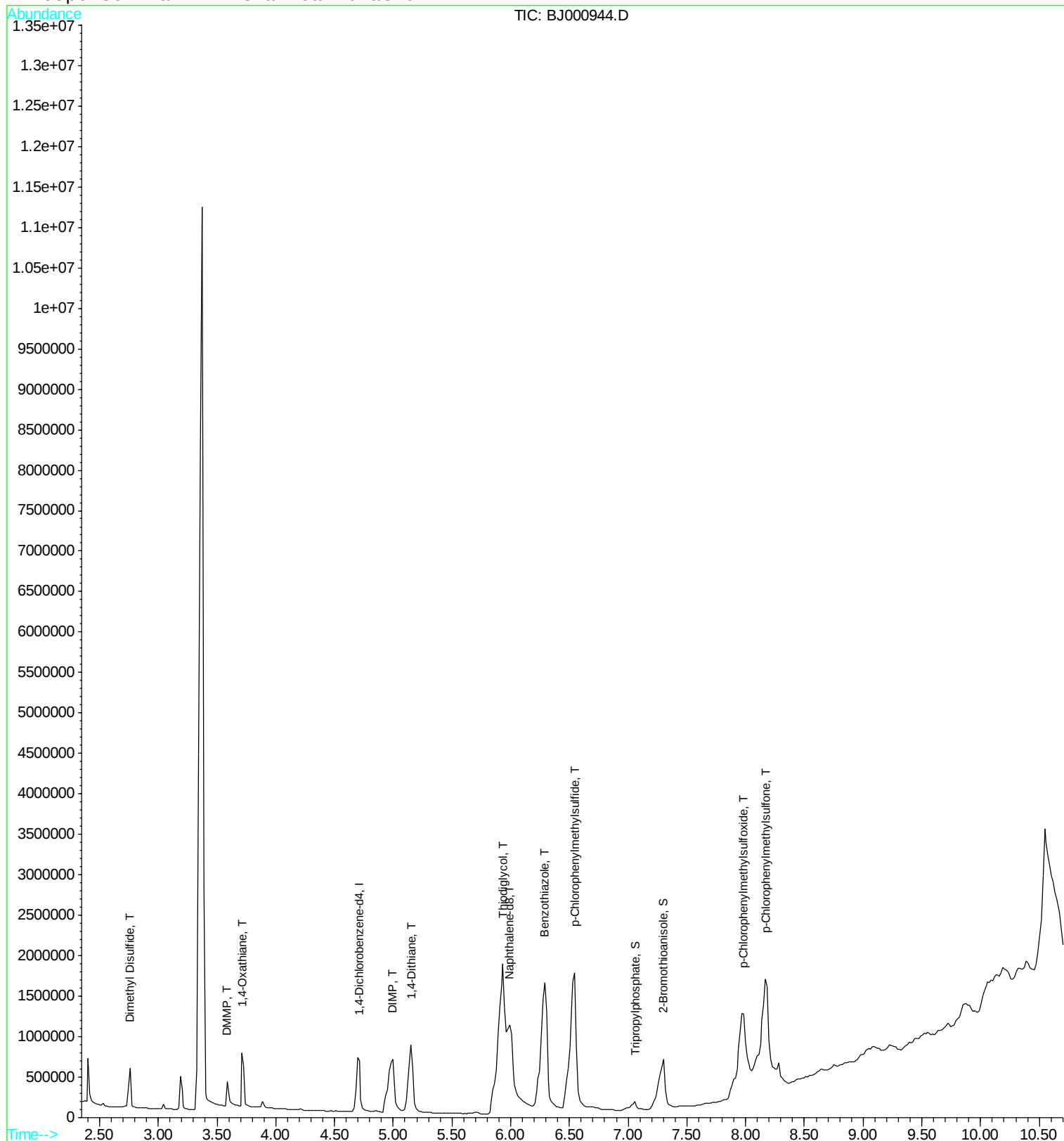
Quantitation Report

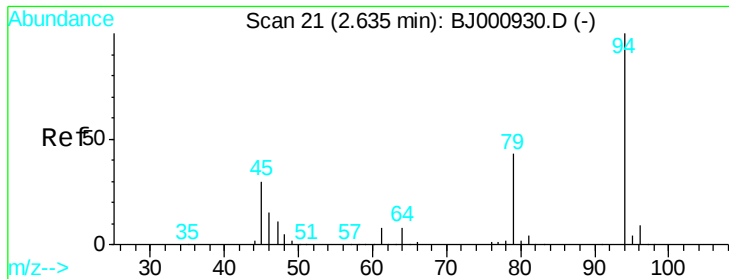
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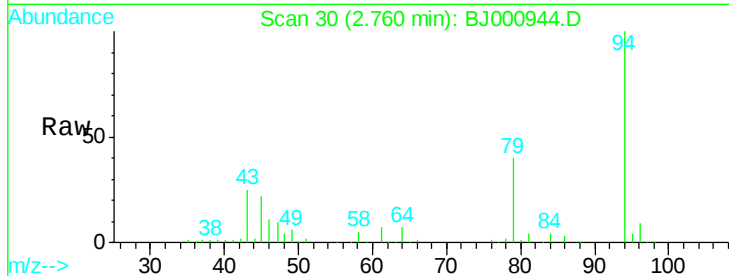




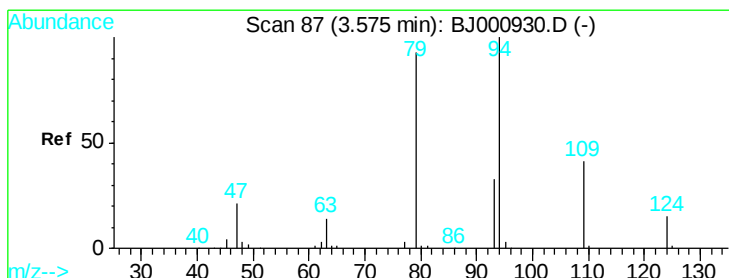
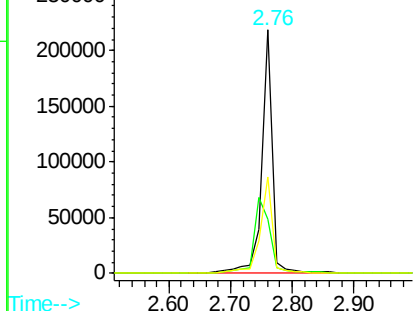
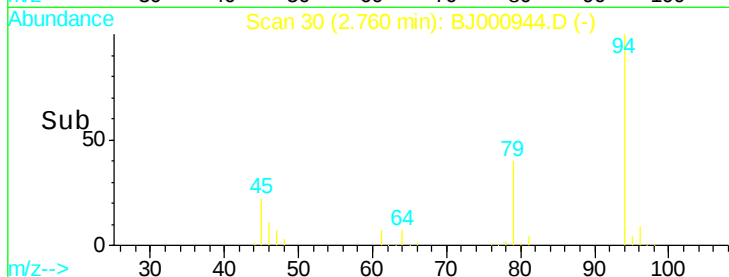
#2

Dimethyl Disulfide
 Concen: 2.60 ug/mL
 RT: 2.76 min Scan# 30
 Delta R.T. 0.13 min
 Lab File: BJ000944.D
 Acq: 8 Jun 2012 18:37

Tgt Ion: 94 Resp: 259522
 Ion Ratio Lower Upper
 94 100
 45 22.5 11.1 51.1
 79 39.7 22.9 62.9



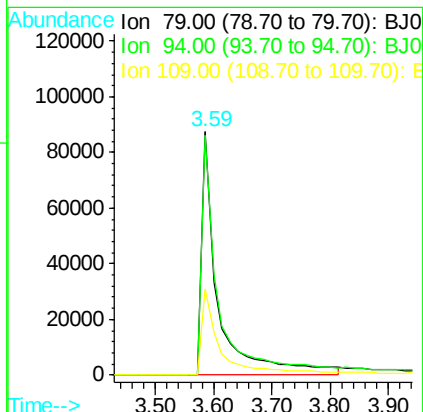
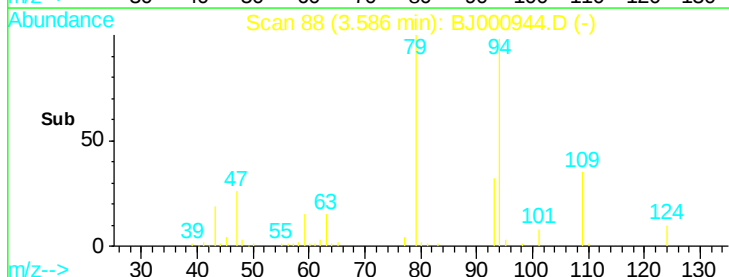
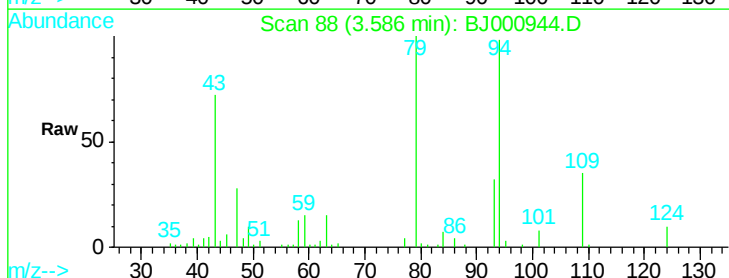
Abundance Ion 94.00 (93.70 to 94.70): BJ0
 Ion 45.00 (44.70 to 45.70): BJ0
 Ion 79.00 (78.70 to 79.70): BJ0

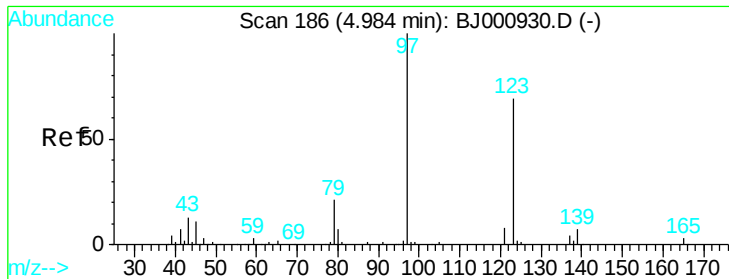


#3

DMMP
 Concen: 1.61 ug/mL
 RT: 3.59 min Scan# 88
 Delta R.T. 0.01 min
 Lab File: BJ000944.D
 Acq: 8 Jun 2012 18:37

Tgt Ion: 79 Resp: 175488
 Ion Ratio Lower Upper
 79 100
 94 98.2 87.0 127.0
 109 35.2 24.1 64.1





#4

DIMP

Concen: 3.53 ug/mL

RT: 4.99 min Scan# 187

Delta R.T. 0.01 min

Lab File: BJ000944.D

Acq: 8 Jun 2012 18:37

Tgt Ion: 97 Resp: 885177

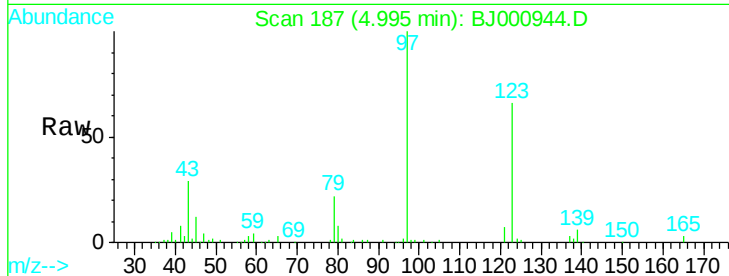
Ion Ratio Lower Upper

97 100

123 66.1 49.1 89.1

43 28.5 0.0 33.2

41 8.2 0.0 26.5



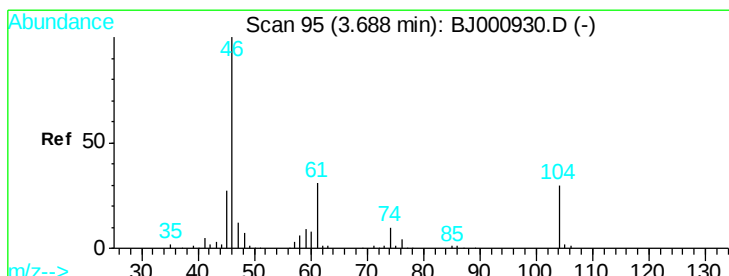
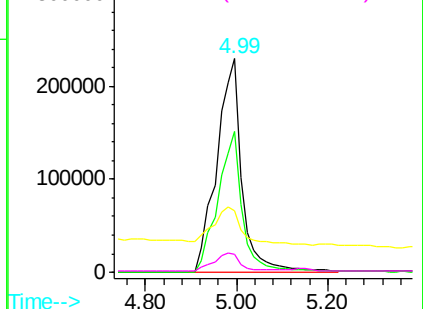
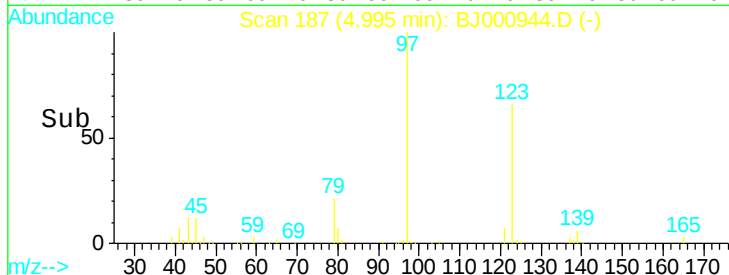
Abundance

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: 3.25 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. 0.03 min

Lab File: BJ000944.D

Acq: 8 Jun 2012 18:37

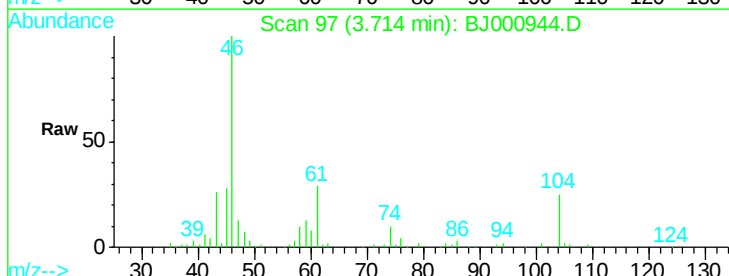
Tgt Ion: 46 Resp: 318190

Ion Ratio Lower Upper

46 100

61 29.0 11.2 51.2

104 25.2 10.0 50.0

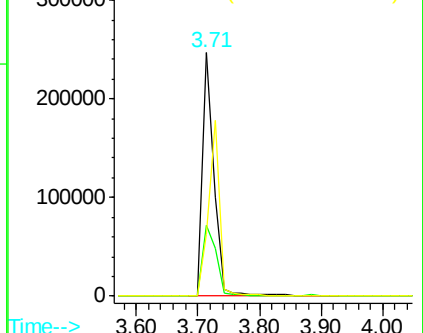
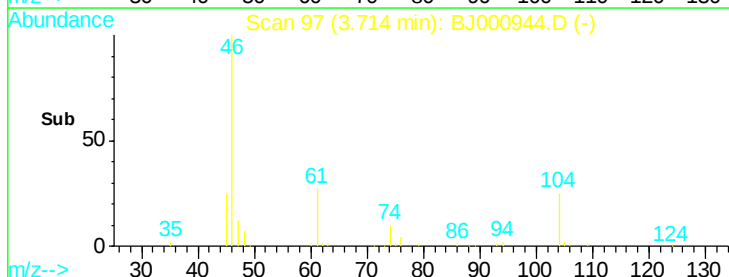


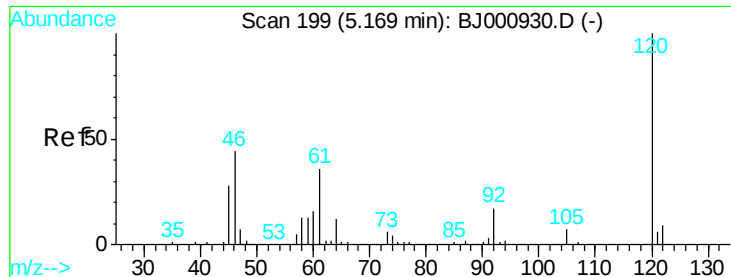
Abundance

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: 3.49 ug/mL

RT: 5.15 min Scan# 198

Delta R.T. -0.02 min

Lab File: BJ000944.D

Acq: 8 Jun 2012 18:37

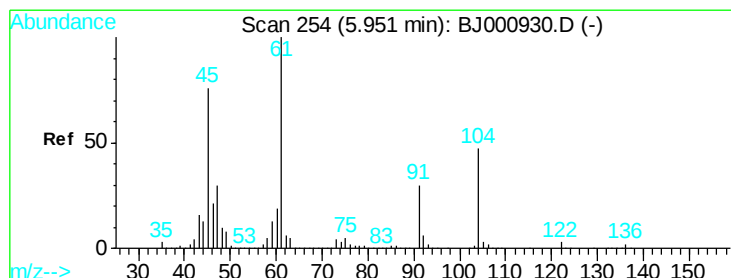
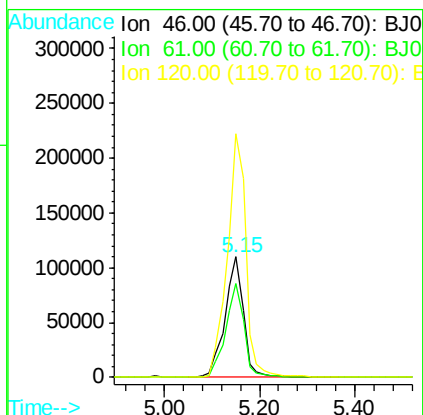
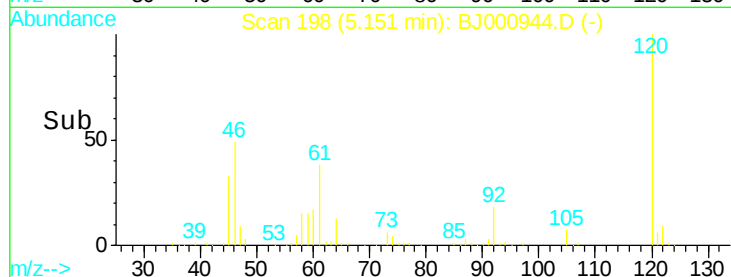
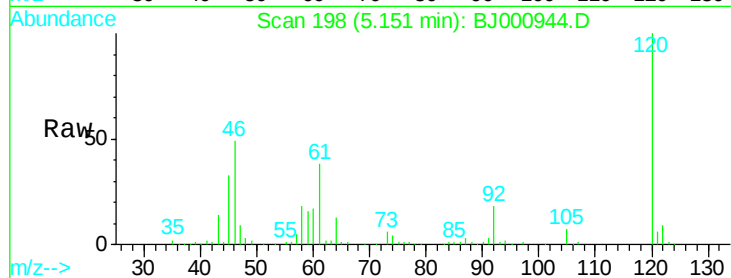
Tgt Ion: 46 Resp: 300182

Ion Ratio Lower Upper

46 100

61 77.6 61.9 101.9

120 202.2 208.1 248.1#



#8

Thiodiglycol

Concen: 31.84 ug/mL

RT: 5.93 min Scan# 253

Delta R.T. -0.02 min

Lab File: BJ000944.D

Acq: 8 Jun 2012 18:37

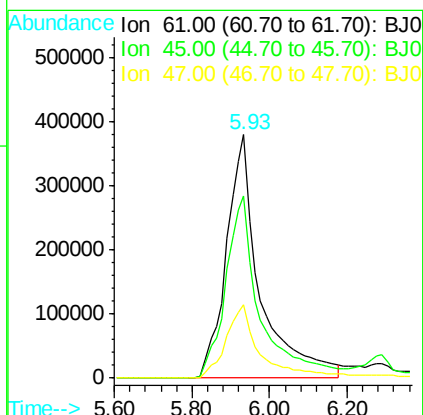
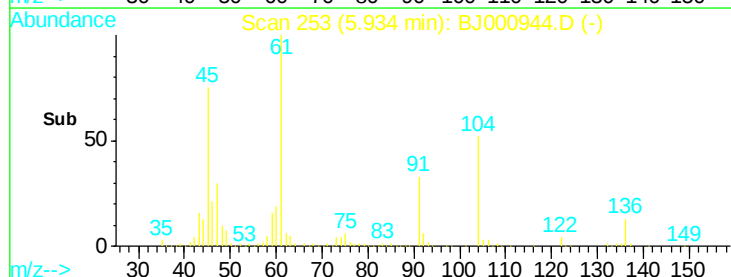
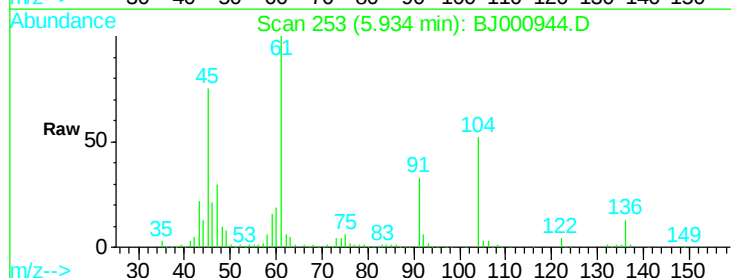
Tgt Ion: 61 Resp: 2278946

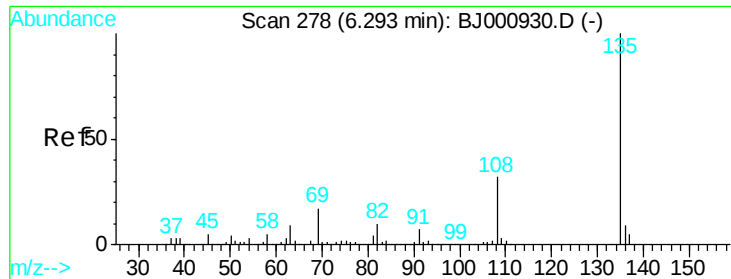
Ion Ratio Lower Upper

61 100

45 74.9 56.3 96.3

47 29.9 10.1 50.1





#9

Benzothiazole

Concen: 7.53 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. -0.00 min

Lab File: BJ000944.D

Acq: 8 Jun 2012 18:37

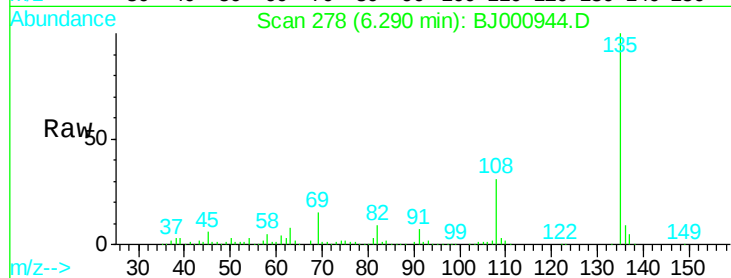
Tgt Ion:135 Resp: 2499268

Ion Ratio Lower Upper

135 100

108 30.7 12.0 52.0

69 14.5 0.0 36.6

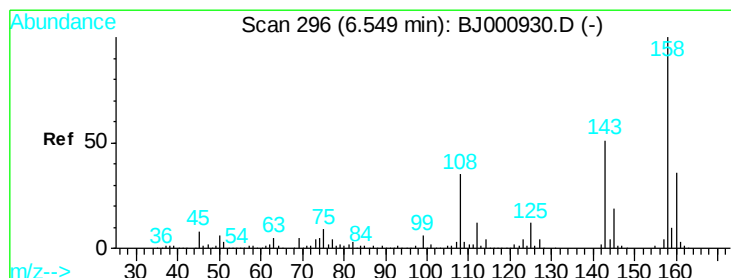
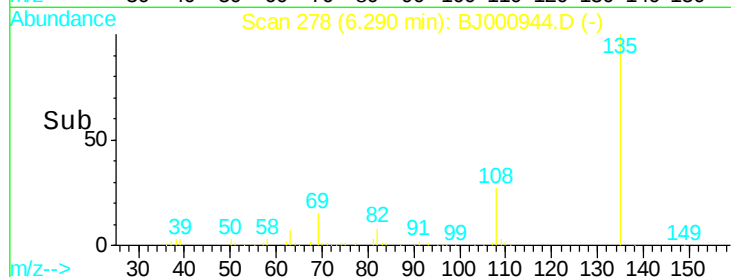
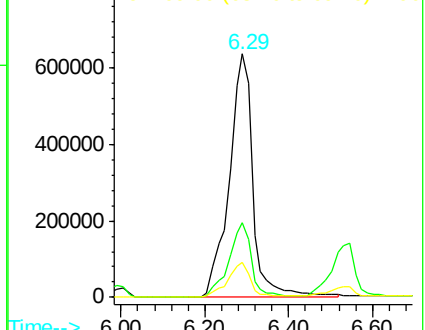


Abundance

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: 6.99 ug/mL

RT: 6.55 min Scan# 296

Delta R.T. -0.00 min

Lab File: BJ000944.D

Acq: 8 Jun 2012 18:37

Tgt Ion:158 Resp: 1456207

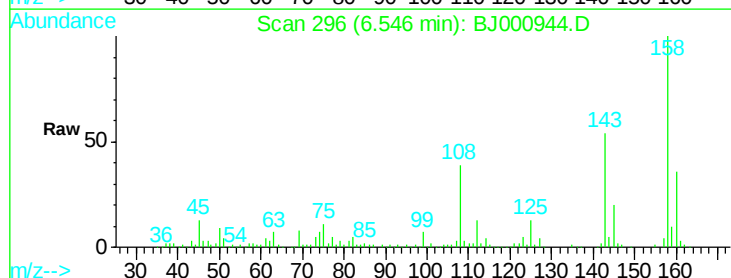
Ion Ratio Lower Upper

158 100

143 53.8 31.3 71.3

108 38.6 14.9 54.9

45 13.3 0.0 28.5



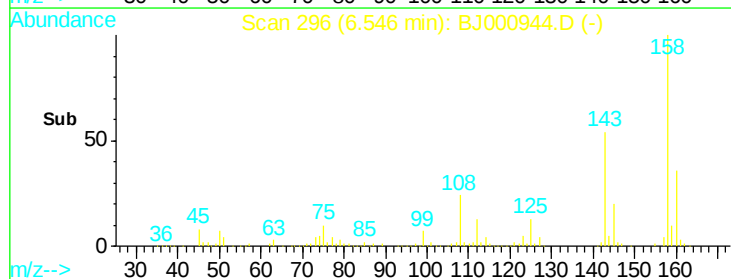
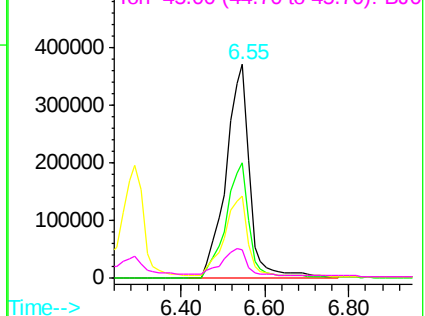
Abundance

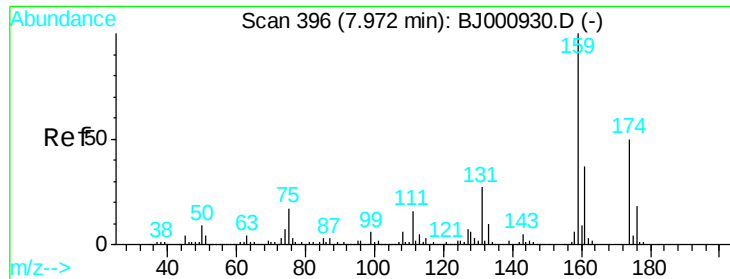
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

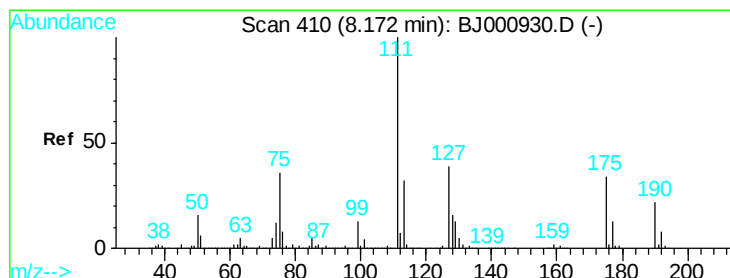
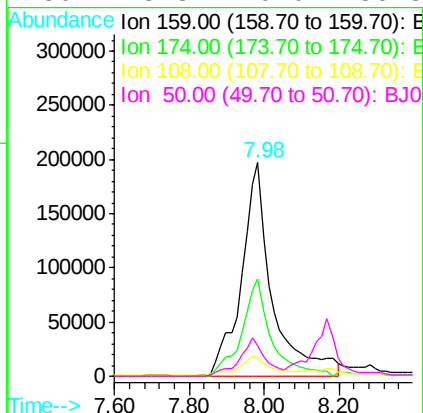
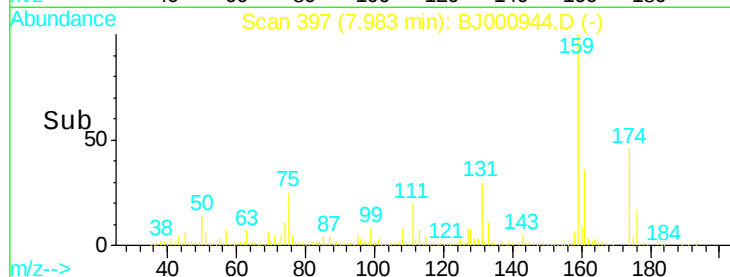
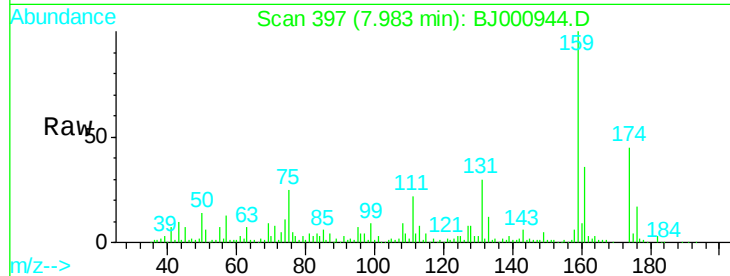
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 9.17 ug/mL
RT: 7.98 min Scan# 397
Delta R.T. 0.01 min
Lab File: BJ000944.D
Acq: 8 Jun 2012 18:37

Tgt Ion:159 Resp: 1121673
Ion Ratio Lower Upper
159 100
174 43.6 27.0 67.0
108 8.7 0.0 28.3
50 15.3 0.0 36.8



#14
p-Chlorophenylmethylsulfone
Concen: 6.63 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. -0.00 min
Lab File: BJ000944.D
Acq: 8 Jun 2012 18:37

Tgt Ion:111 Resp: 1165696
Ion Ratio Lower Upper
111 100
75 39.0 16.5 56.5
127 38.2 19.3 59.3
190 21.7 2.0 42.0

