

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000943.D
 Acq On : 8 Jun 2012 18:19
 Sample : PB63665BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 11 15:29 2012

Vial: 9
 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	262216	2.00	ug/mL	0.00
6) Naphthalene-d8	6.01	136	1060771	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.06	99	140965	0.34	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	68.00%#
12) 2-Bromothioanisole	7.30	204	246815	3.41	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.78	94	338136	3.80	ug/mL	98
3) DMMP	3.60	79	131423	1.36	ug/mL	96
4) DIMP	5.00	97	769329	3.43	ug/mL	88
5) 1,4-Oxathiane	3.73	46	266963	3.05	ug/mL#	4
7) 1,4-Dithiane	5.15	46	272034	3.60	ug/mL#	78
8) Thiodiglycol	5.94	61	1820867	29.24	ug/mL	98
9) Benzothiazole	6.29	135	2155629	7.40	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.55	158	1285667	7.03	ug/mL	92
13) p-Chlorophenylmethyldisulfox	7.99	159	847975	8.02	ug/mL	97
14) p-Chlorophenylmethyldisulfon	8.17	111	931465	6.03	ug/mL	96

Quantitation Report

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Quant Time: Jun 11 15:29 2012

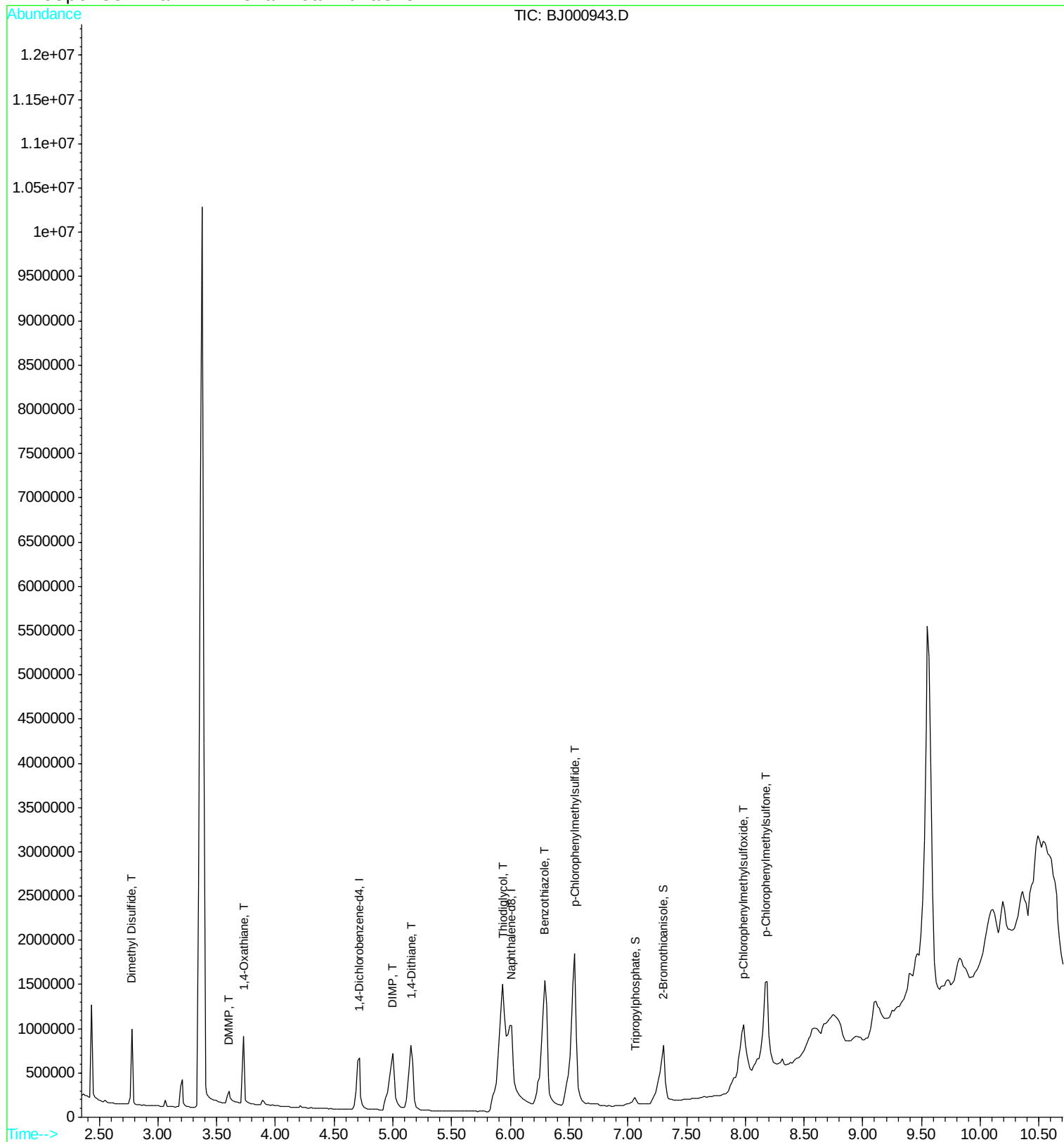
Quant Results File: BJ060812.RES

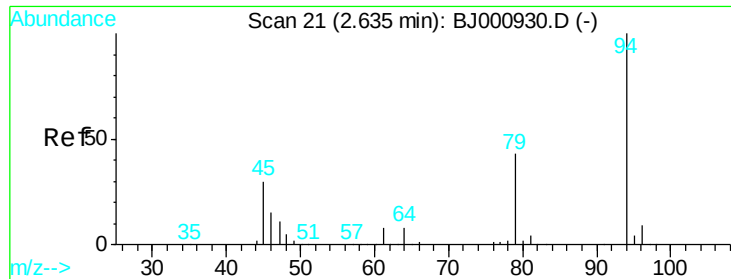
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jun 08 15:52:40 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.80 ug/mL

RT: 2.78 min Scan# 31

Delta R.T. 0.14 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

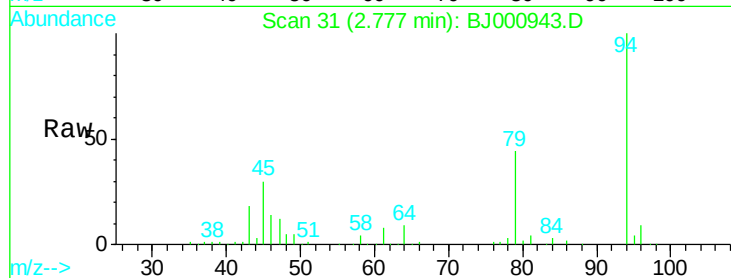
Tgt Ion: 94 Resp: 338136

Ion Ratio Lower Upper

94 100

45 30.4 11.1 51.1

79 44.3 22.9 62.9

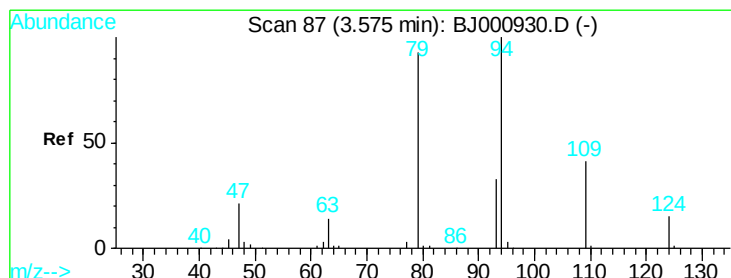
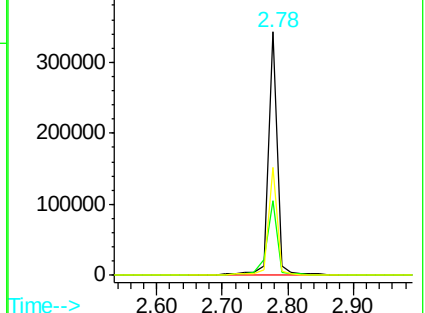
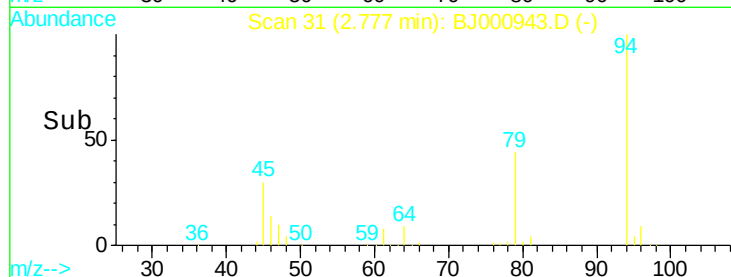


Abundance

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: 1.36 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. 0.03 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

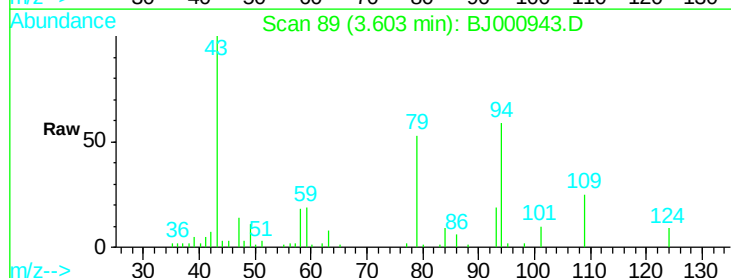
Tgt Ion: 79 Resp: 131423

Ion Ratio Lower Upper

79 100

94 111.7 87.0 127.0

109 46.9 24.1 64.1

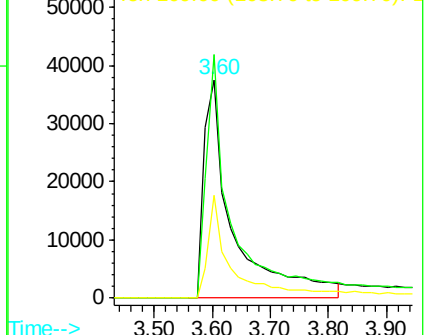
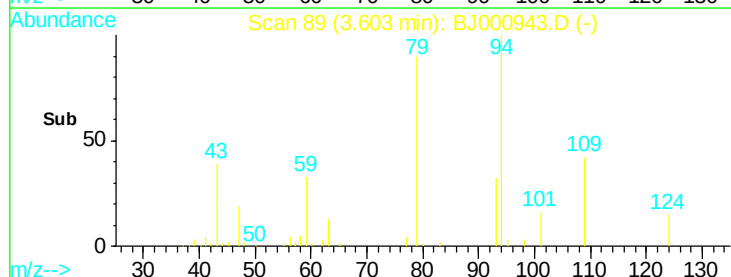


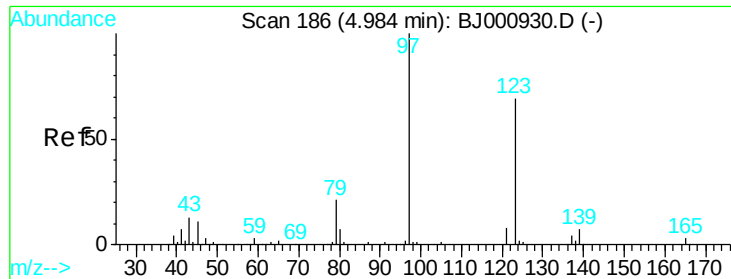
Abundance

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: 3.43 ug/mL

RT: 5.00 min Scan# 187

Delta R.T. 0.01 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

Tgt Ion: 97 Resp: 769329

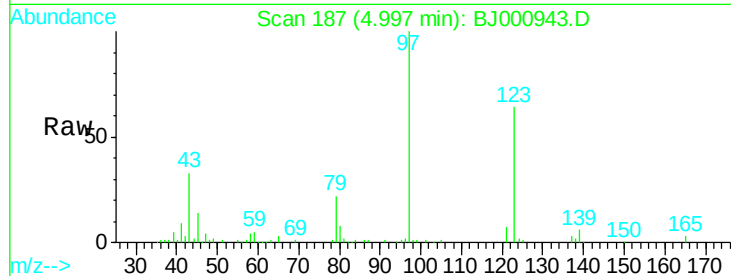
Ion Ratio Lower Upper

97 100

123 64.2 49.1 89.1

43 32.8 0.0 33.2

41 8.8 0.0 26.5

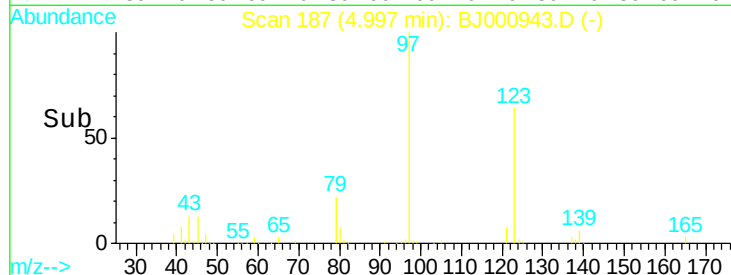


Abundance Ion 97.00 (96.70 to 97.70): BJ0

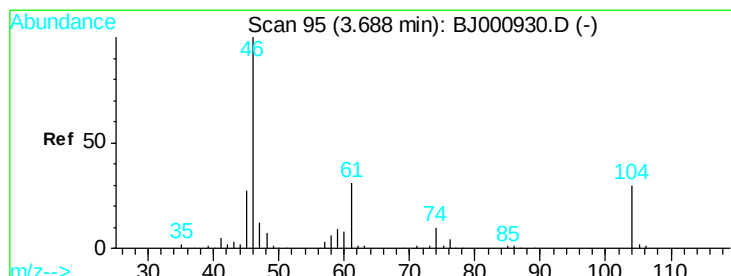
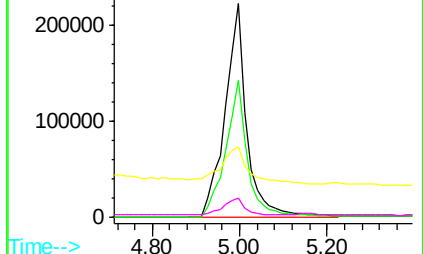
Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



Time-->



#5

1,4-Oxathiane

Concen: 3.05 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.04 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

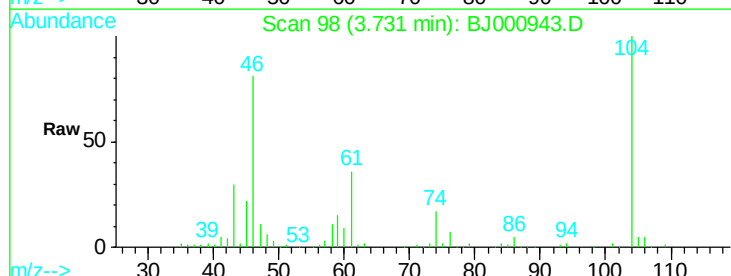
Tgt Ion: 46 Resp: 266963

Ion Ratio Lower Upper

46 100

61 44.1 11.2 51.2

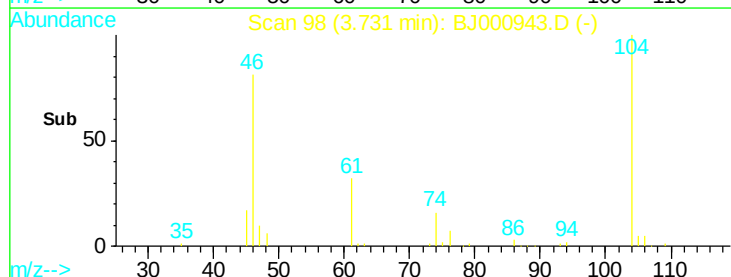
104 123.0 10.0 50.0#



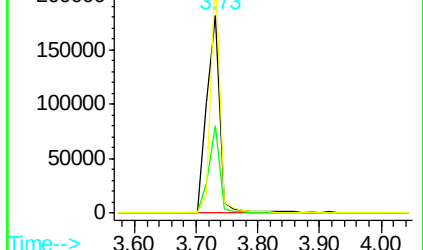
Abundance Ion 46.00 (45.70 to 46.70): BJ0

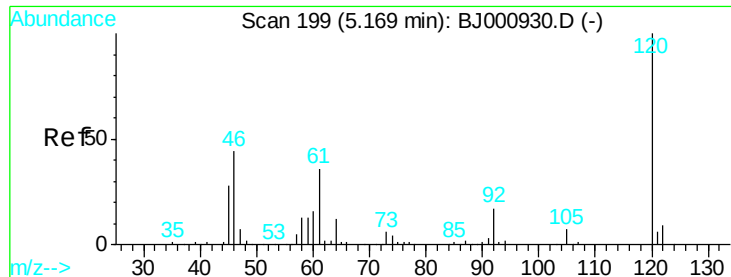
Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



Time-->





#7

1,4-Dithiane

Concen: 3.60 ug/mL

RT: 5.15 min Scan# 198

Delta R.T. -0.01 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

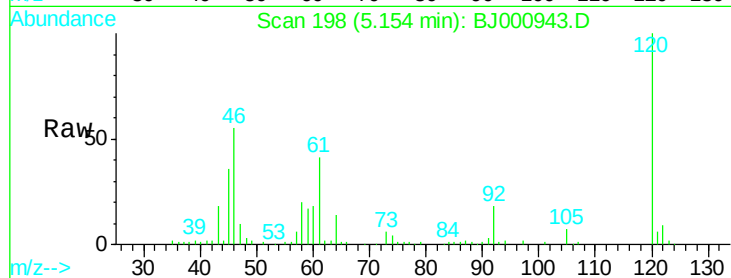
Tgt Ion: 46 Resp: 272034

Ion Ratio Lower Upper

46 100

61 74.5 61.9 101.9

120 182.7 208.1 248.1#

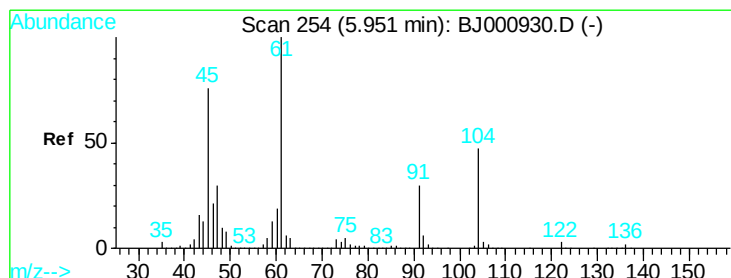
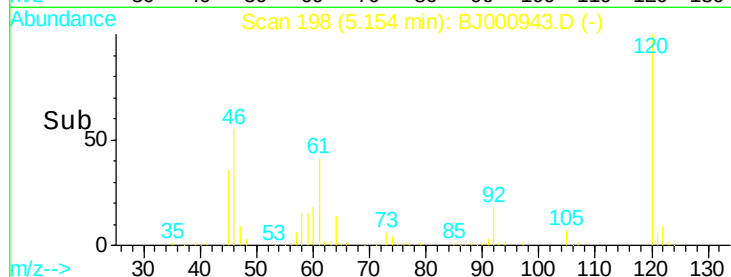
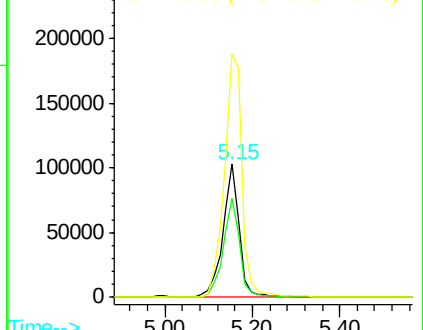


Abundance

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: 29.24 ug/mL

RT: 5.94 min Scan# 253

Delta R.T. -0.01 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

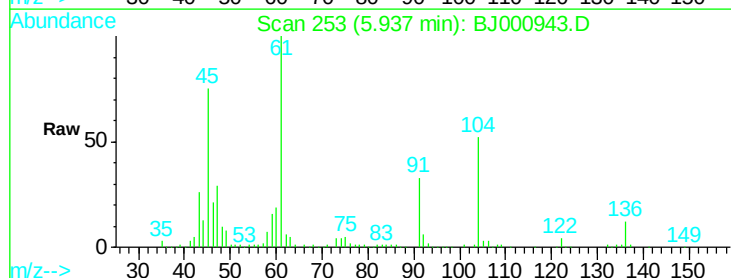
Tgt Ion: 61 Resp: 1820867

Ion Ratio Lower Upper

61 100

45 75.0 56.3 96.3

47 29.3 10.1 50.1

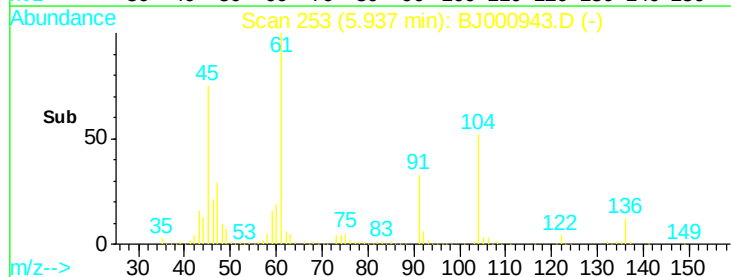
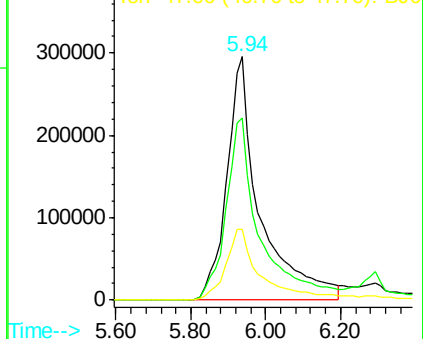


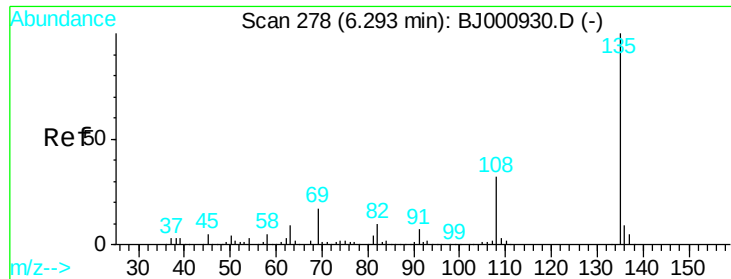
Abundance

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: 7.40 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. -0.00 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

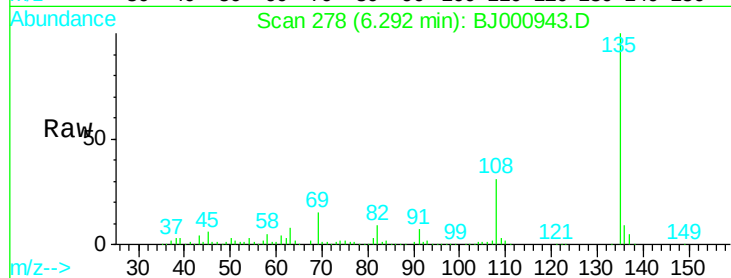
Tgt Ion:135 Resp: 2155629

Ion Ratio Lower Upper

135 100

108 30.6 12.0 52.0

69 14.8 0.0 36.6

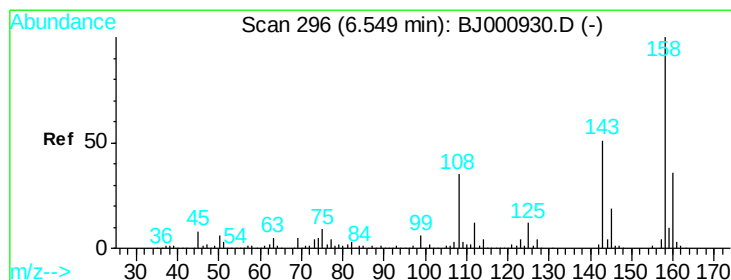
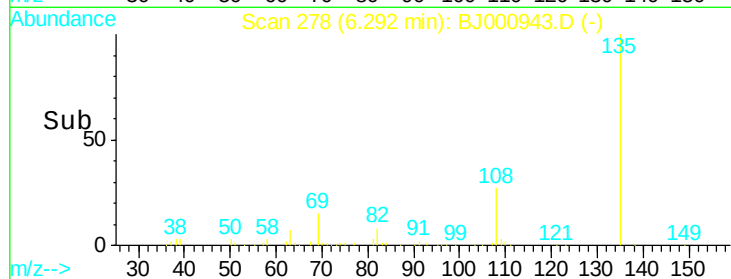
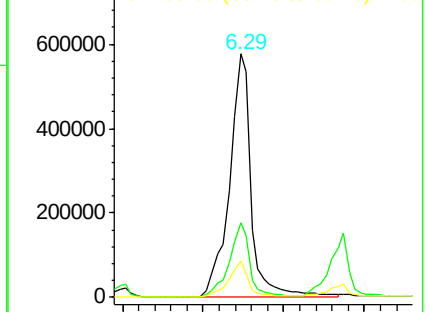


Abundance

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: 7.03 ug/mL

RT: 6.55 min Scan# 296

Delta R.T. -0.00 min

Lab File: BJ000943.D

Acq: 8 Jun 2012 18:19

Tgt Ion:158 Resp: 1285667

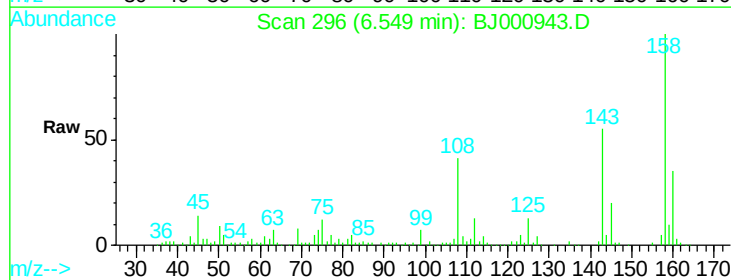
Ion Ratio Lower Upper

158 100

143 54.6 31.3 71.3

108 41.0 14.9 54.9

45 14.0 0.0 28.5



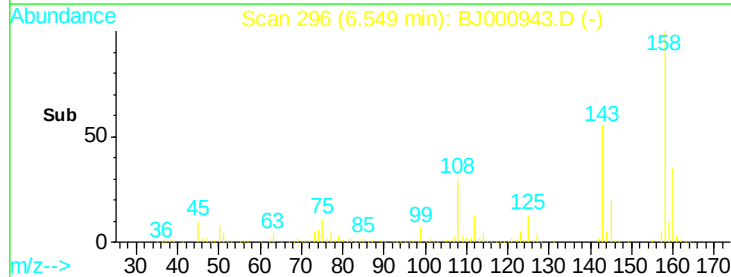
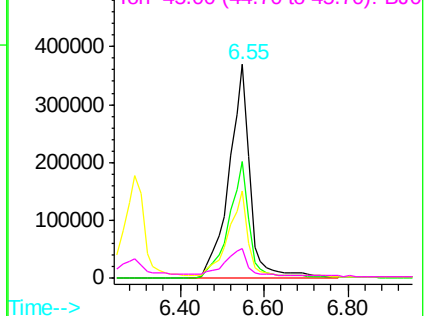
Abundance

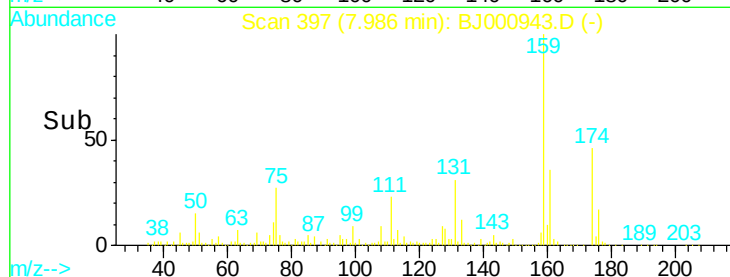
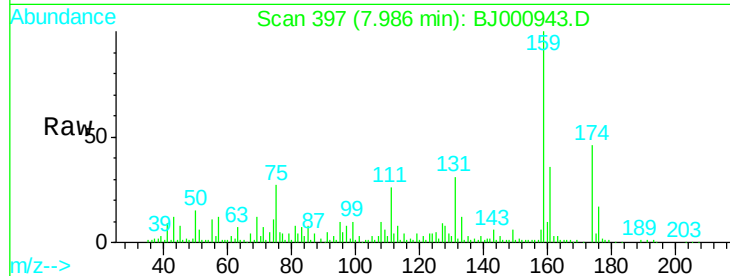
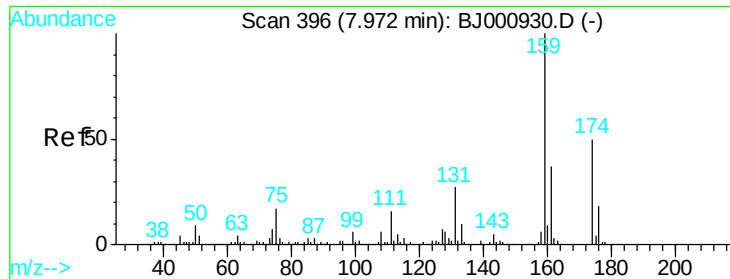
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

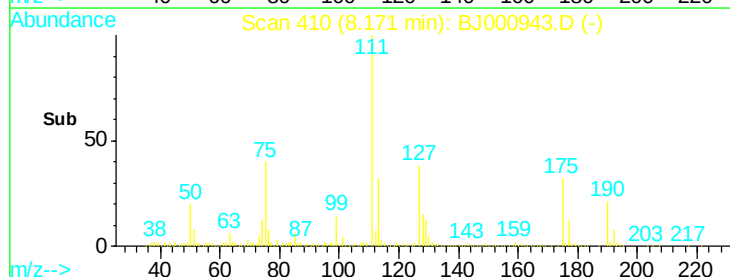
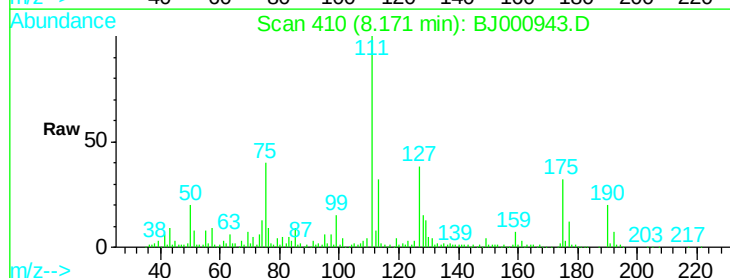
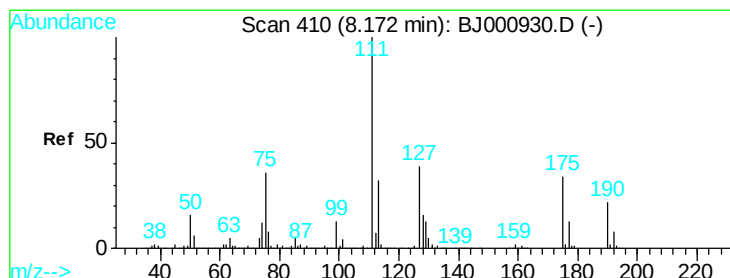
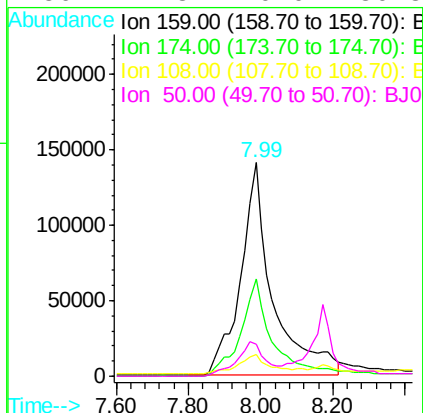
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 8.02 ug/mL
RT: 7.99 min Scan# 397
Delta R.T. 0.01 min
Lab File: BJ000943.D
Acq: 8 Jun 2012 18:19

Tgt Ion:	159	Resp:	847975
Ion	Ratio	Lower	Upper
159	100		
174	45.0	27.0	67.0
108	8.4	0.0	28.3
50	14.8	0.0	36.8



#14
p-Chlorophenylmethylsulfone
Concen: 6.03 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. -0.00 min
Lab File: BJ000943.D
Acq: 8 Jun 2012 18:19

Tgt Ion:	111	Resp:	931465
Ion	Ratio	Lower	Upper
111	100		
75	39.9	16.5	56.5
127	37.6	19.3	59.3
190	20.5	2.0	42.0

