

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000938.D
 Acq On : 8 Jun 2012 16:49
 Sample : PB63535BS
 Misc : SOIL BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 8 17:49 2012

Vial: 4
 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	246958	2.00	ug/mL	0.00
6) Naphthalene-d8	6.00	136	996459	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	151981	0.39	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	78.00%
12) 2-Bromothioanisole	7.30	204	248191	3.65	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.74	94	302942	3.61	ug/mL#	58
3) DMMP	3.58	79	123323	1.35	ug/mL	92
4) DIMP	4.96	97	736211	3.49	ug/mL	88
5) 1,4-Oxathiane	3.73	46	307720	3.73	ug/mL#	32
7) 1,4-Dithiane	5.15	46	261295	3.68	ug/mL#	78
8) Thiodiglycol	5.92	61	1740230	29.70	ug/mL	100
9) Benzothiazole	6.29	135	1970460	7.20	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.54	158	1249028	7.27	ug/mL	93
13) p-Chlorophenylmethyldisulfox	7.97	159	824296	8.27	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.17	111	939238	6.48	ug/mL	99

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Quant Time: Jun 8 17:49 2012

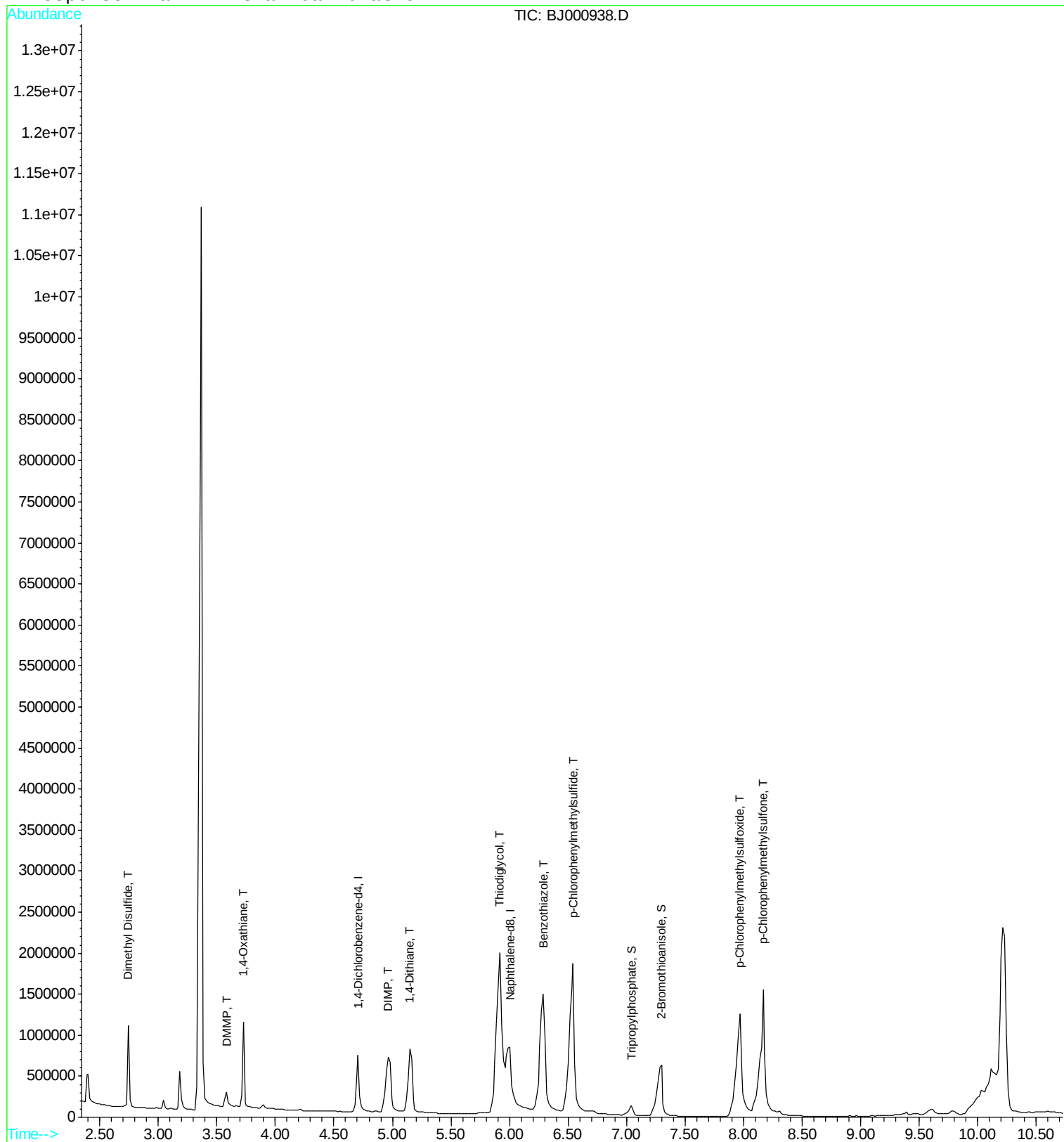
Quant Results File: BJ060812.RES

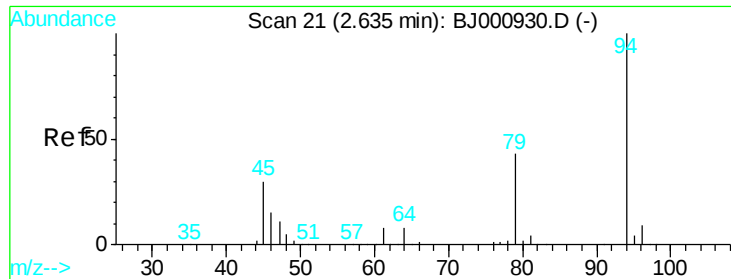
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

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Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.61 ug/mL

RT: 2.74 min Scan# 29

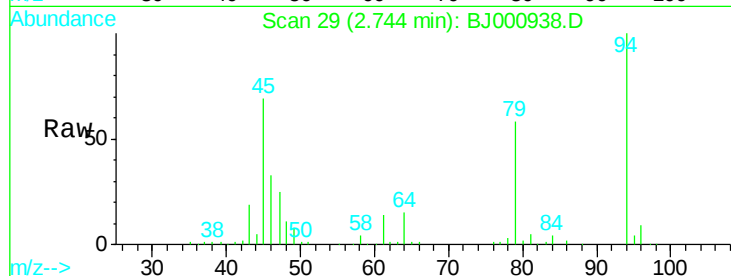
Delta R.T. 0.11 min

Lab File: BJ000938.D

Acq: 8 Jun 2012 16:49

Tgt Ion: 94 Resp: 302942

Ion	Ratio	Lower	Upper
94	100		
45	69.2	11.1	51.1#
79	57.6	22.9	62.9

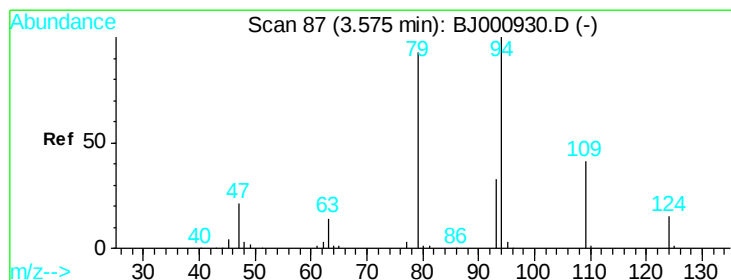
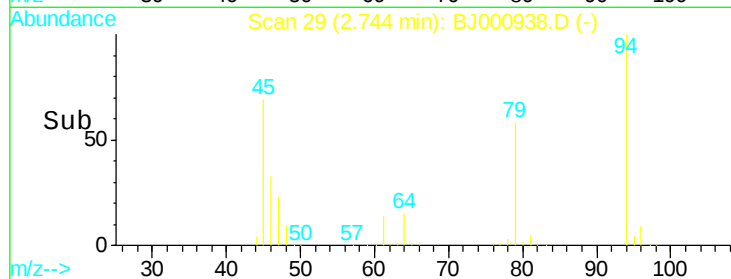
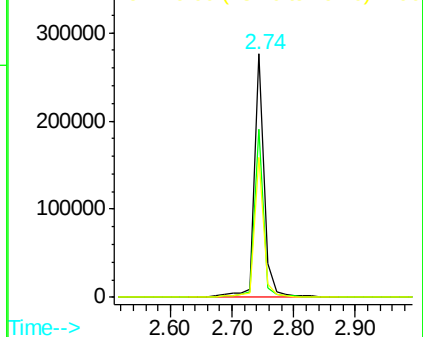


Abundance

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: 1.35 ug/mL

RT: 3.58 min Scan# 88

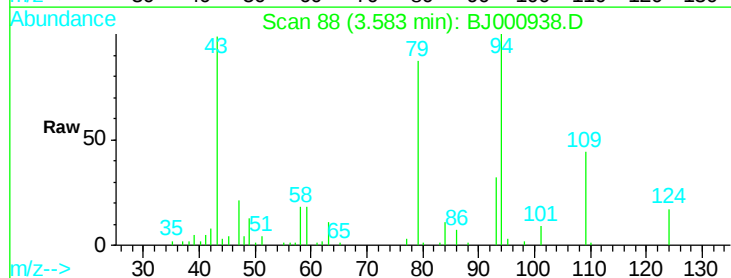
Delta R.T. 0.01 min

Lab File: BJ000938.D

Acq: 8 Jun 2012 16:49

Tgt Ion: 79 Resp: 123323

Ion	Ratio	Lower	Upper
79	100		
94	115.2	87.0	127.0
109	50.5	24.1	64.1

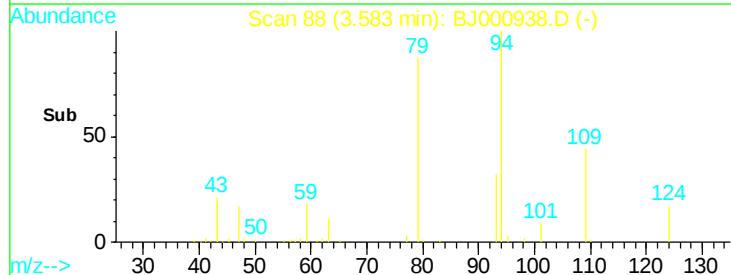
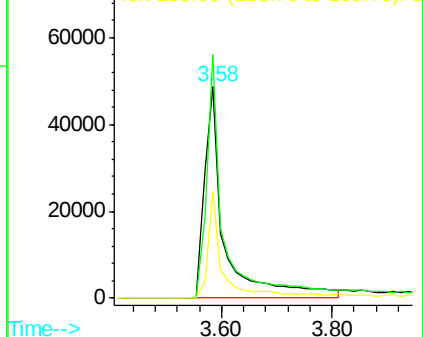


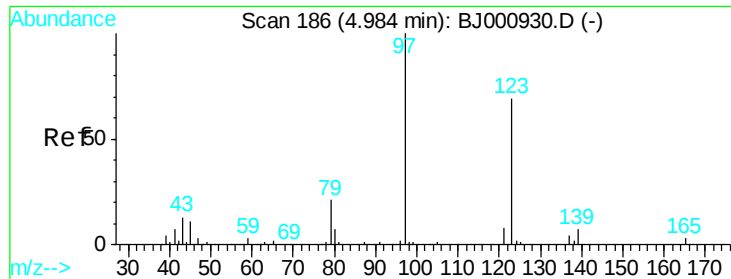
Abundance

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: 3.49 ug/mL

RT: 4.96 min Scan# 185

Delta R.T. -0.02 min

Lab File: BJ000938.D

Acq: 8 Jun 2012 16:49

Tgt Ion: 97 Resp: 736211

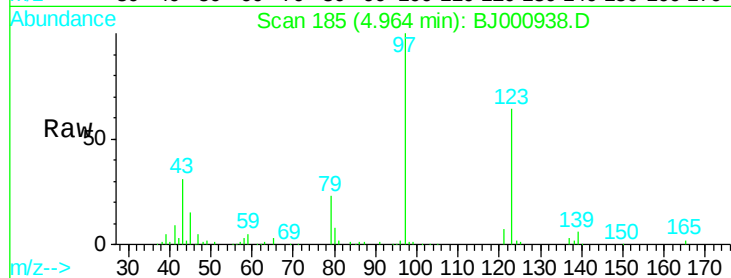
Ion Ratio Lower Upper

97 100

123 63.6 49.1 89.1

43 30.5 0.0 33.2

41 9.5 0.0 26.5



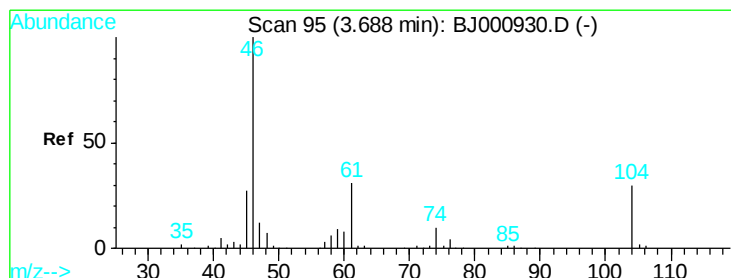
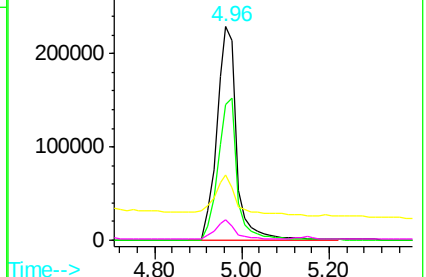
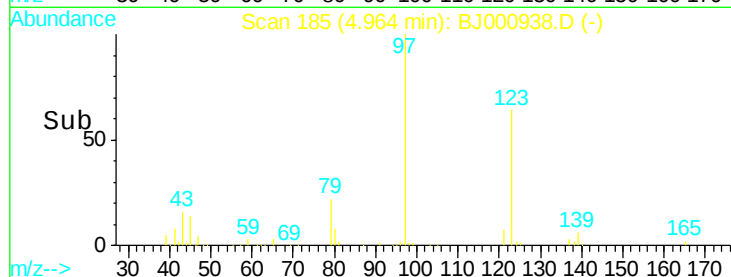
Abundance

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: 3.73 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.04 min

Lab File: BJ000938.D

Acq: 8 Jun 2012 16:49

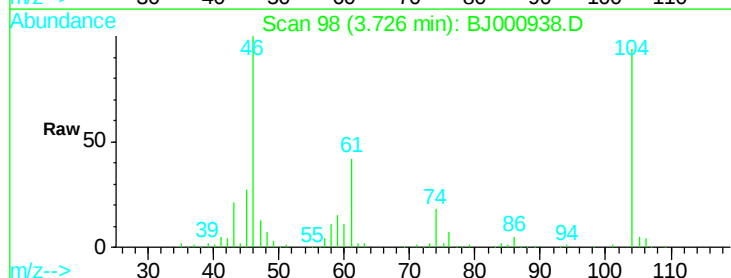
Tgt Ion: 46 Resp: 307720

Ion Ratio Lower Upper

46 100

61 42.2 11.2 51.2

104 94.4 10.0 50.0#

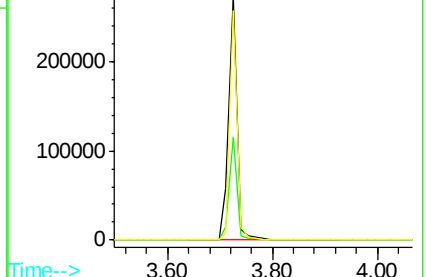
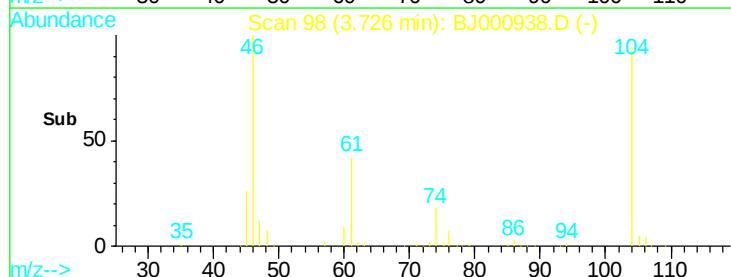


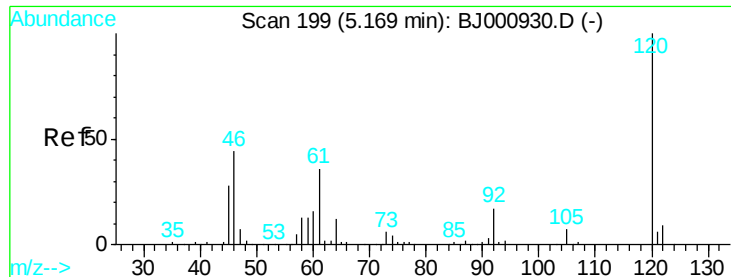
Abundance

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: 3.68 ug/mL

RT: 5.15 min Scan# 198

Delta R.T. -0.02 min

Lab File: BJ000938.D

Acq: 8 Jun 2012 16:49

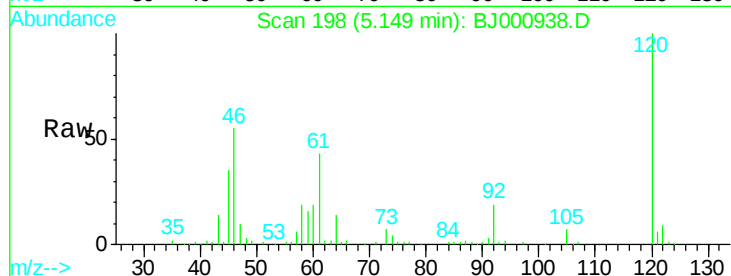
Tgt Ion: 46 Resp: 261295

Ion Ratio Lower Upper

46 100

61 78.0 61.9 101.9

120 182.1 208.1 248.1#

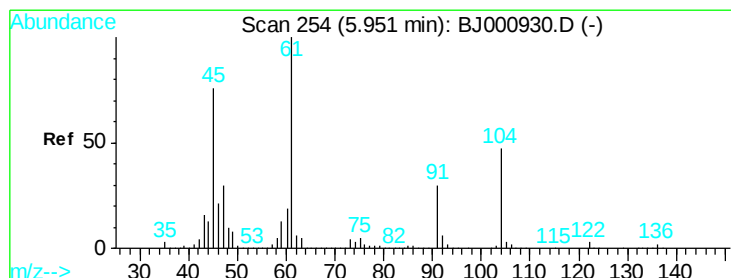
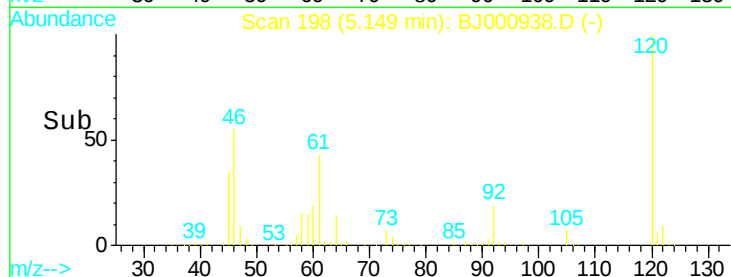
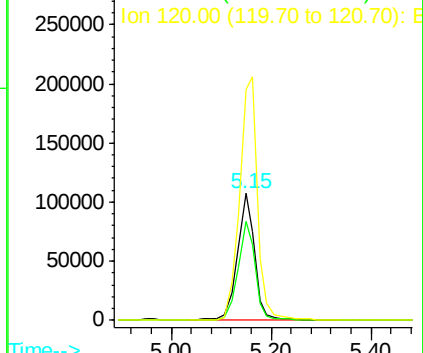


Abundance

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: 29.70 ug/mL

RT: 5.92 min Scan# 252

Delta R.T. -0.03 min

Lab File: BJ000938.D

Acq: 8 Jun 2012 16:49

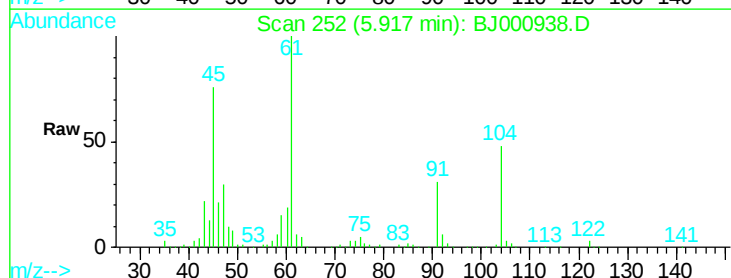
Tgt Ion: 61 Resp: 1740230

Ion Ratio Lower Upper

61 100

45 75.8 56.3 96.3

47 30.1 10.1 50.1

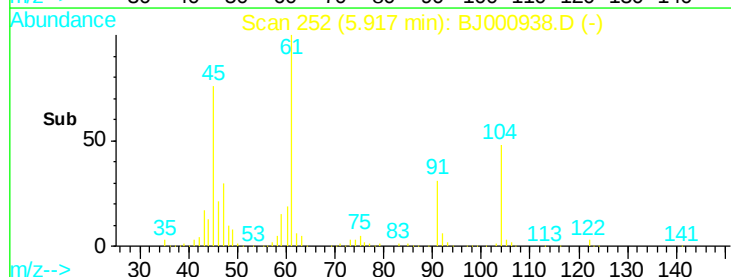
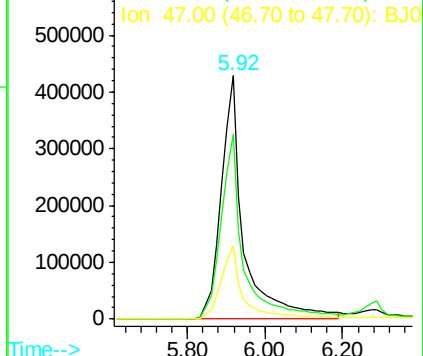


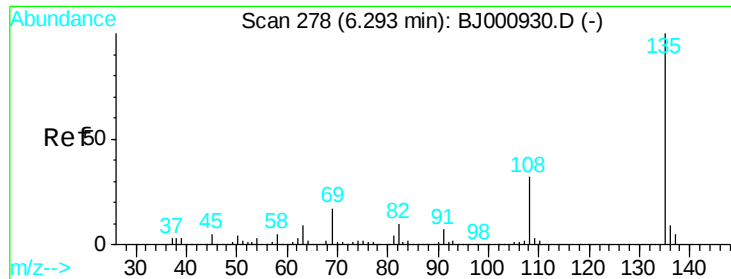
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

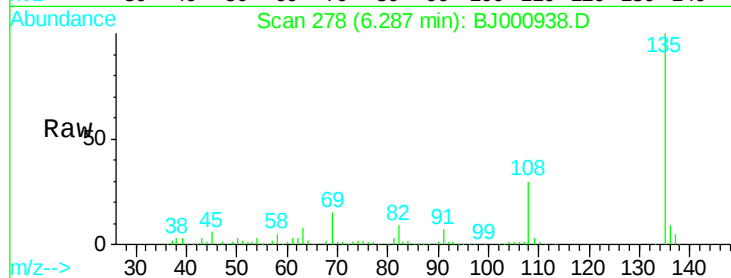
Ion 47.00 (46.70 to 47.70): BJ0



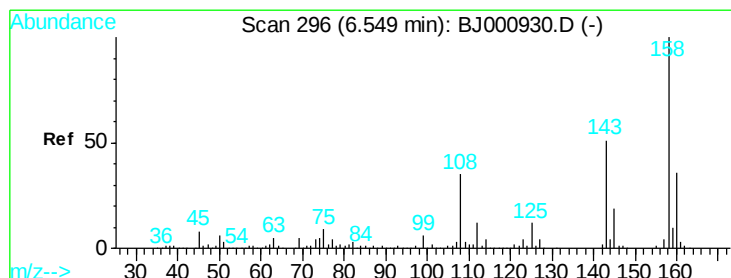
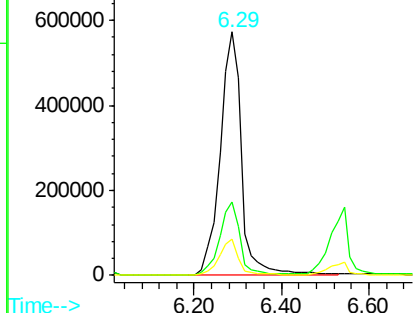
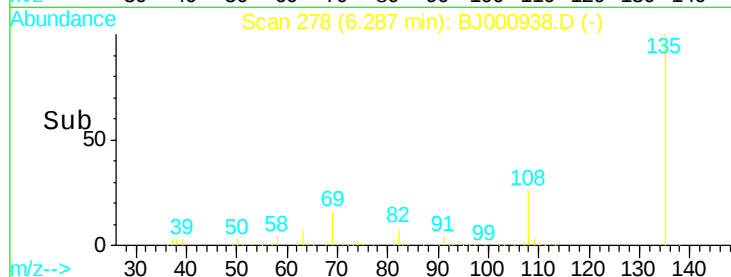


#9
Benzothiazole
Concen: 7.20 ug/mL
RT: 6.29 min Scan# 278
Delta R.T. -0.01 min
Lab File: BJ000938.D
Acq: 8 Jun 2012 16:49

Tgt Ion:135 Resp: 1970460
Ion Ratio Lower Upper
135 100
108 30.4 12.0 52.0
69 15.0 0.0 36.6

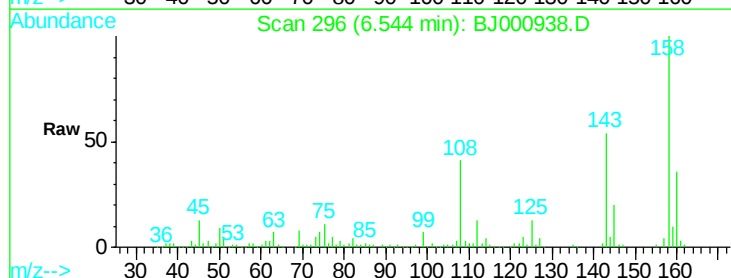


Abundance Ion 135.00 (134.70 to 135.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 69.00 (68.70 to 69.70): BJ0

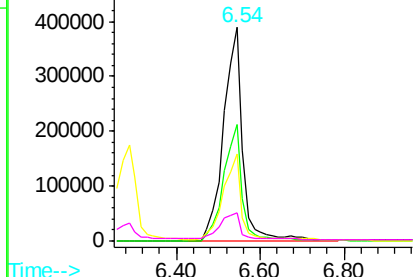
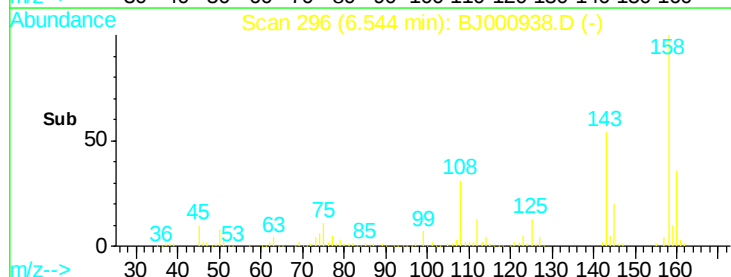


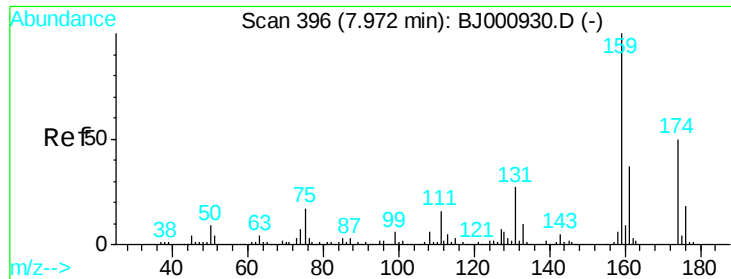
#11
p-Chlorophenylmethylsulfide
Concen: 7.27 ug/mL
RT: 6.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: BJ000938.D
Acq: 8 Jun 2012 16:49

Tgt Ion:158 Resp: 1249028
Ion Ratio Lower Upper
158 100
143 54.3 31.3 71.3
108 41.0 14.9 54.9
45 13.0 0.0 28.5



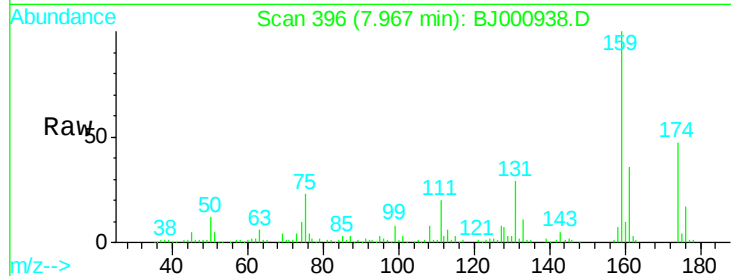
Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0





#13
 p-Chlorophenylmethylsulfoxide
 Concen: 8.27 ug/mL
 RT: 7.97 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BJ000938.D
 Acq: 8 Jun 2012 16:49

Tgt Ion:	159	Resp:	824296
Ion	Ratio	Lower	Upper
159	100		
174	47.0	27.0	67.0
108	8.7	0.0	28.3
50	16.9	0.0	36.8



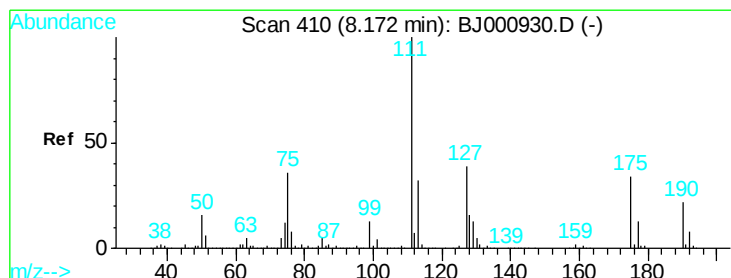
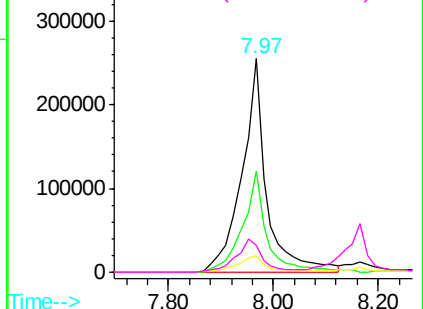
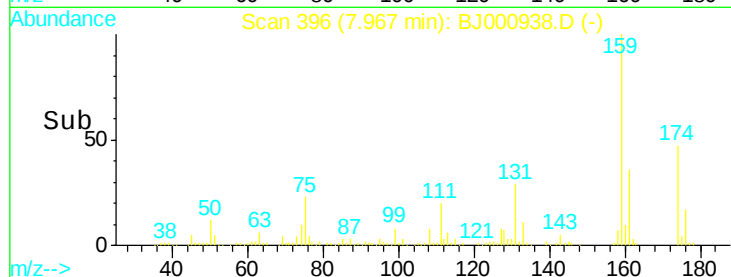
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

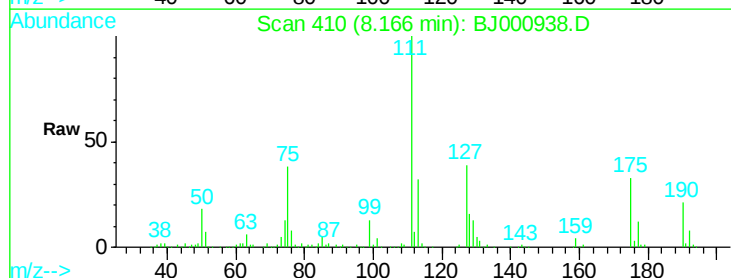
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
 p-Chlorophenylmethylsulfone
 Concen: 6.48 ug/mL
 RT: 8.17 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BJ000938.D
 Acq: 8 Jun 2012 16:49

Tgt Ion:	111	Resp:	939238
Ion	Ratio	Lower	Upper
111	100		
75	37.8	16.5	56.5
127	39.2	19.3	59.3
190	21.0	2.0	42.0



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

