

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000940.D
 Acq On : 8 Jun 2012 17:25
 Sample : D2917-01MS
 Misc : SOIL BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 8 17:49 2012

Vial: 6
 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	4.70	152	250771	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.99	136	1029669	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.06	99	194780	0.48	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
12) 2-Bromothioanisole	7.30	204	246367	3.50	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%

Target Compounds

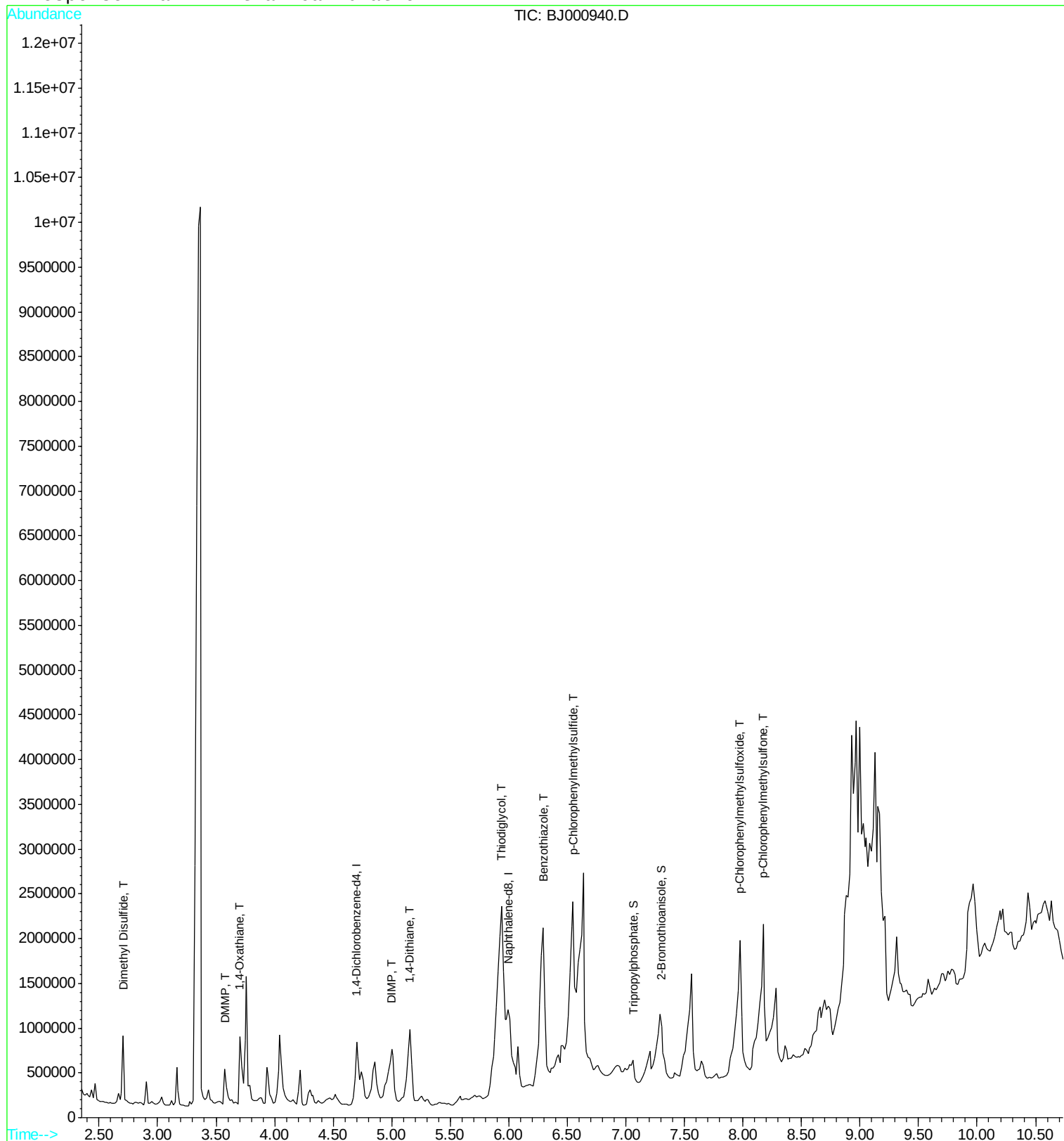
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.71	94	300406	3.53	ug/mL	98
3) DMMP	3.58	79	168688	1.81	ug/mL	91
4) DIMP	5.00	97	769249	3.59	ug/mL#	83
5) 1,4-Oxathiane	3.70	46	328316	3.92	ug/mL	99
7) 1,4-Dithiane	5.16	46	269705	3.68	ug/mL#	88
8) Thiodiglycol	5.94	61	1846582	30.42	ug/mL	99
9) Benzothiazole	6.29	135	2141297	7.57	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.55	158	1197301	6.74	ug/mL	99
13) p-Chlorophenylmethyldisulfox	7.97	159	984980	9.42	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.17	111	1076096	7.18	ug/mL	99

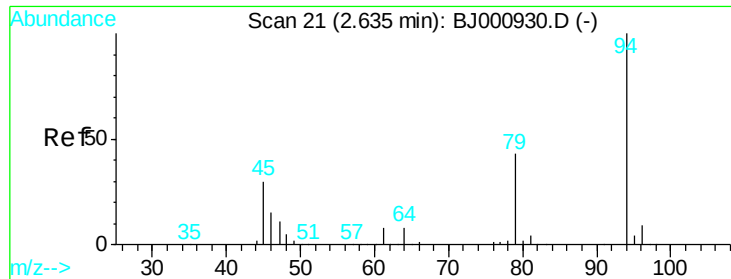
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Title : CWA degradation products by GCMS
Last Update : Fri Jun 08 15:52:40 2012
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.53 ug/mL

RT: 2.71 min Scan# 26

Delta R.T. 0.07 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

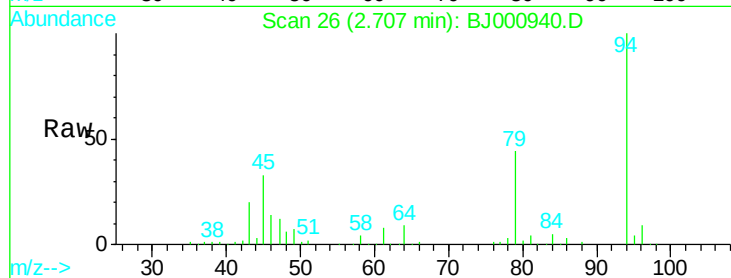
Tgt Ion: 94 Resp: 300406

Ion Ratio Lower Upper

94 100

45 32.7 11.1 51.1

79 43.9 22.9 62.9

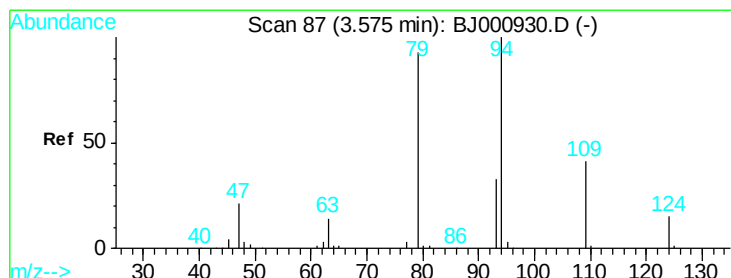
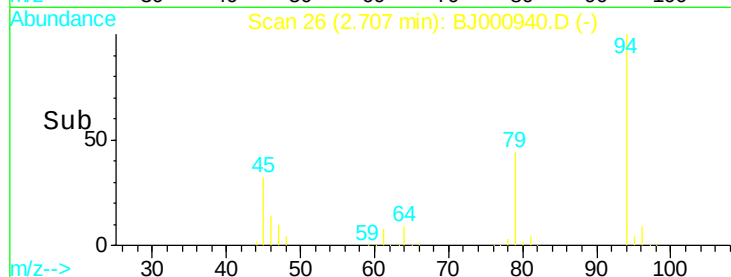
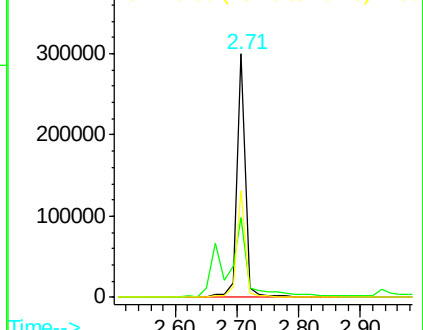


Abundance

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: 1.81 ug/mL

RT: 3.58 min Scan# 87

Delta R.T. 0.00 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

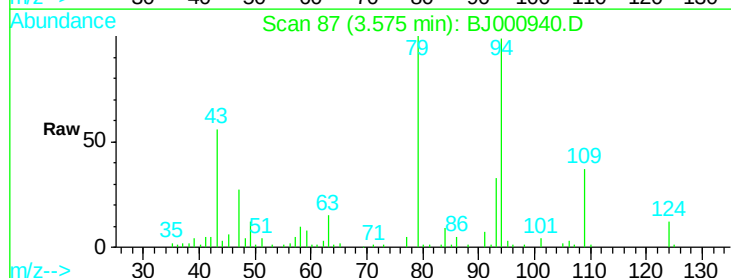
Tgt Ion: 79 Resp: 168688

Ion Ratio Lower Upper

79 100

94 99.1 87.0 127.0

109 36.8 24.1 64.1

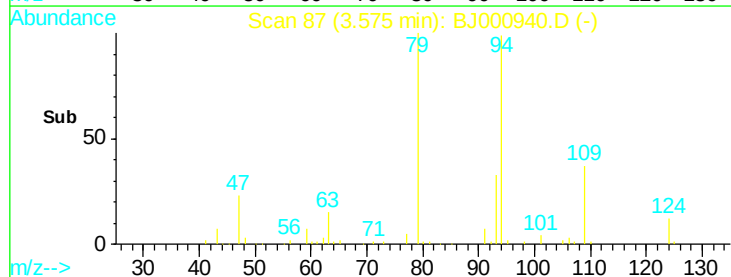
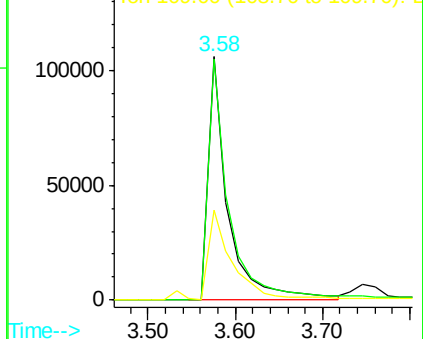


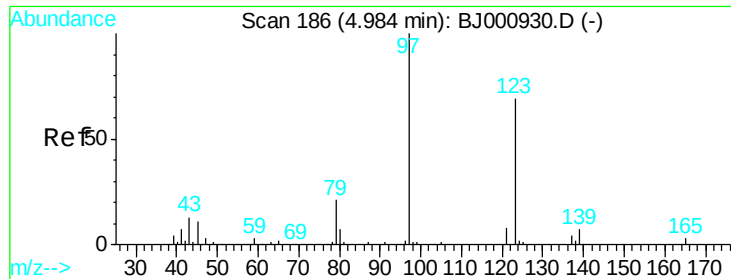
Abundance

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: 3.59 ug/mL

RT: 5.00 min Scan# 187

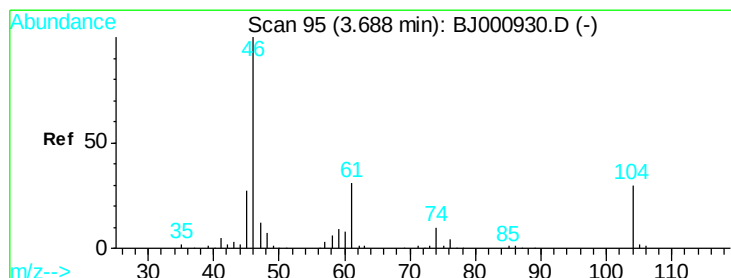
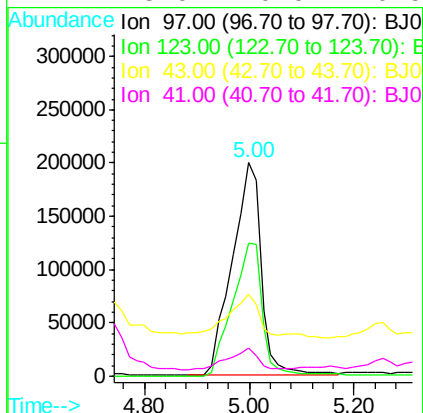
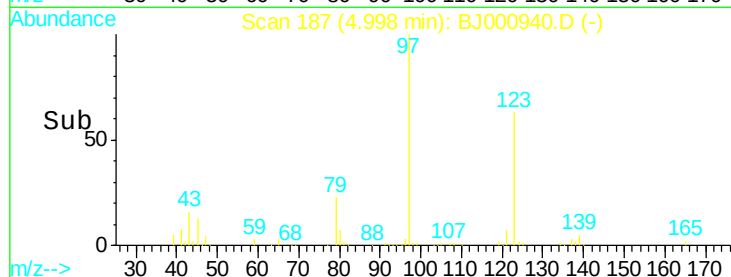
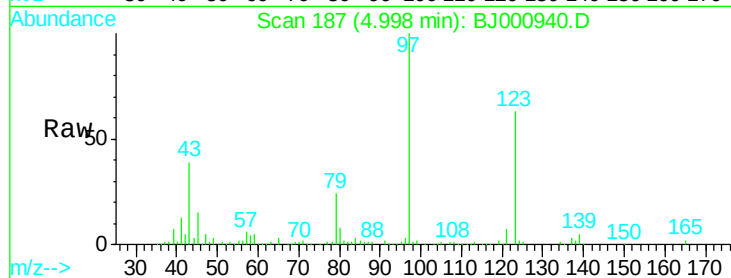
Delta R.T. 0.02 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Tgt Ion: 97 Resp: 769249

Ion	Ratio	Lower	Upper
97	100		
123	62.6	49.1	89.1
43	38.5	0.0	33.2
41	13.0	0.0	26.5



#5

1,4-Oxathiane

Concen: 3.92 ug/mL

RT: 3.70 min Scan# 96

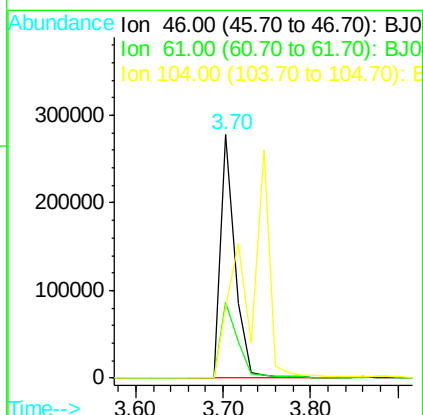
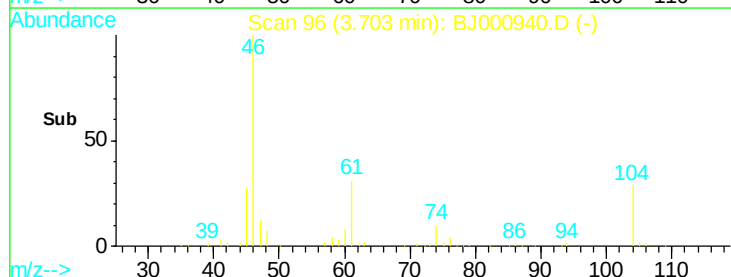
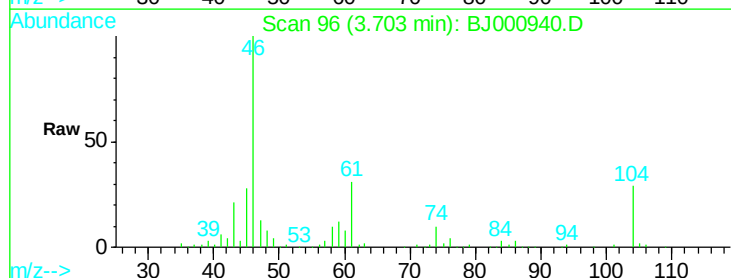
Delta R.T. 0.01 min

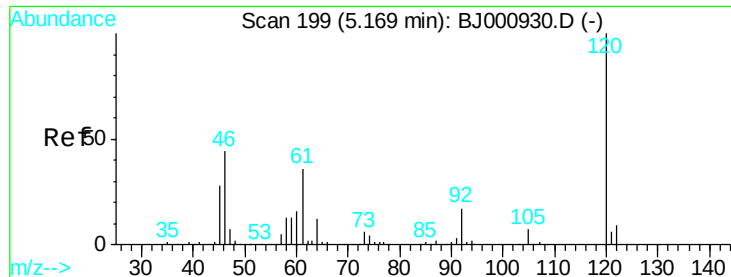
Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Tgt Ion: 46 Resp: 328316

Ion	Ratio	Lower	Upper
46	100		
61	31.1	11.2	51.2
104	29.1	10.0	50.0





#7

1,4-Dithiane

Concen: 3.68 ug/mL

RT: 5.16 min Scan# 198

Delta R.T. -0.01 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

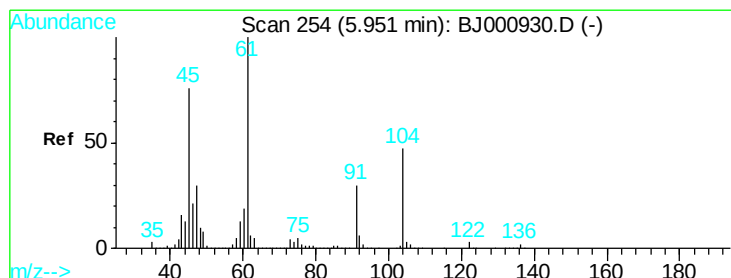
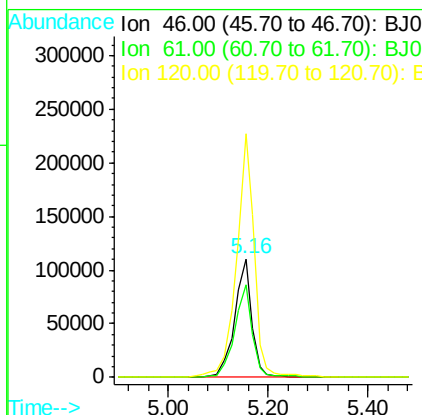
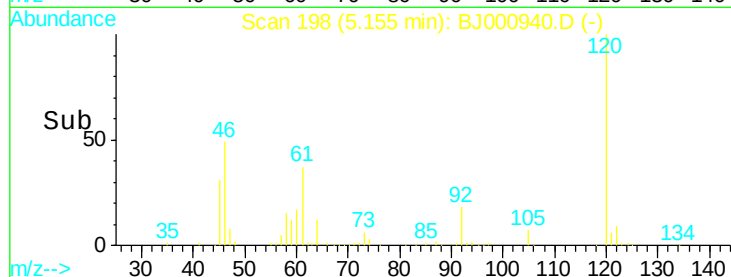
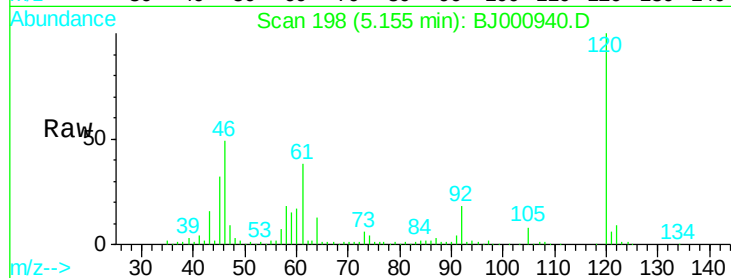
Tgt Ion: 46 Resp: 269705

Ion Ratio Lower Upper

46 100

61 77.6 61.9 101.9

120 204.9 208.1 248.1#



#8

Thiodiglycol

Concen: 30.42 ug/mL

RT: 5.94 min Scan# 253

Delta R.T. -0.01 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

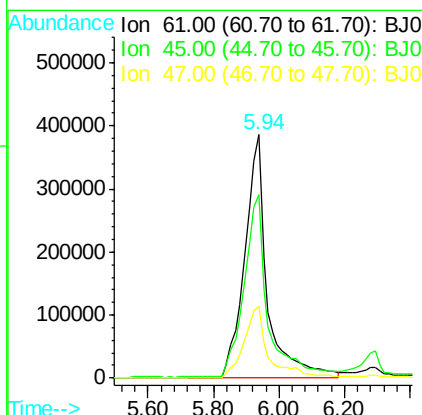
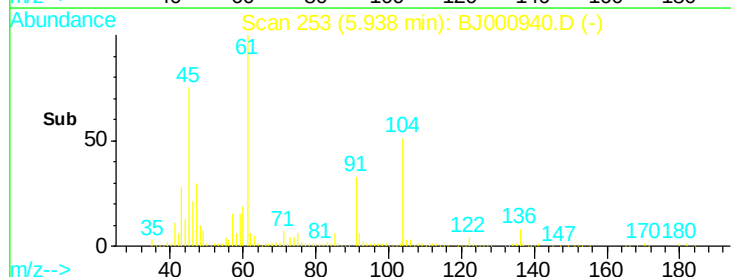
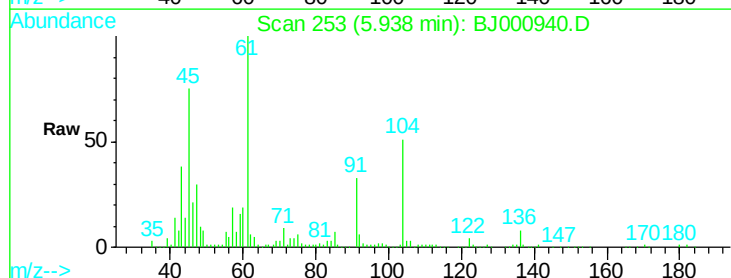
Tgt Ion: 61 Resp: 1846582

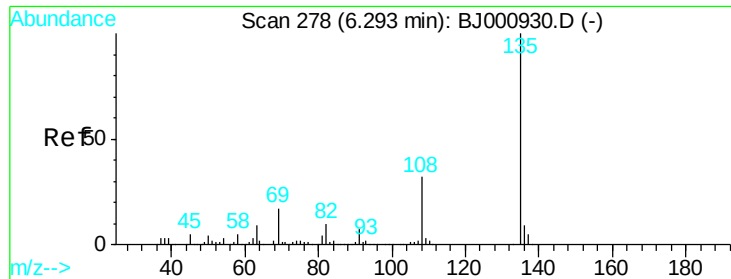
Ion Ratio Lower Upper

61 100

45 75.2 56.3 96.3

47 29.7 10.1 50.1





#9

Benzothiazole

Concen: 7.57 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.00 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

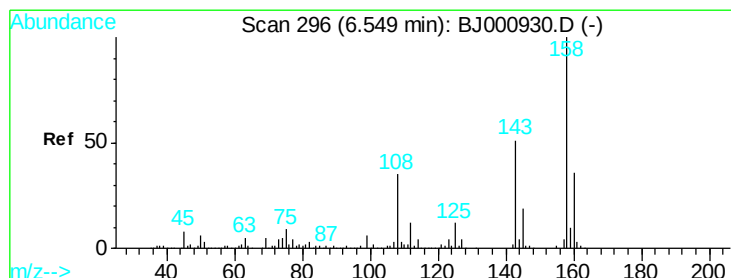
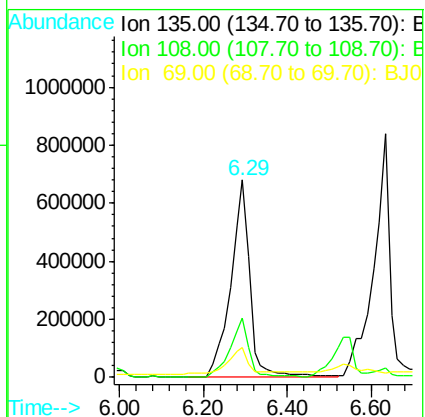
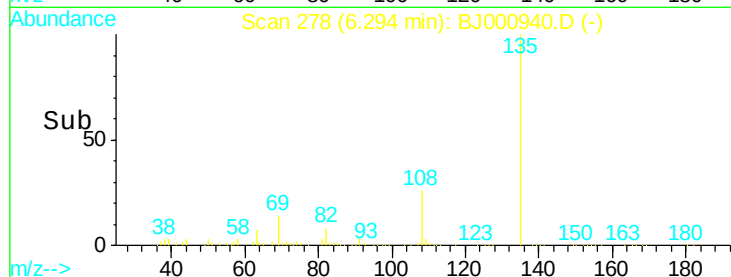
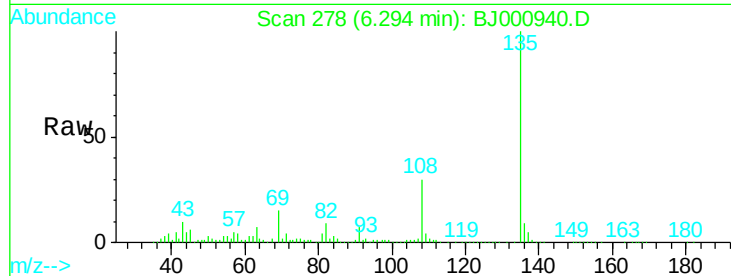
Tgt Ion:135 Resp: 2141297

Ion Ratio Lower Upper

135 100

108 30.1 12.0 52.0

69 15.4 0.0 36.6



#11

p-Chlorophenylmethylsulfide

Concen: 6.74 ug/mL

RT: 6.55 min Scan# 296

Delta R.T. 0.00 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Tgt Ion:158 Resp: 1197301

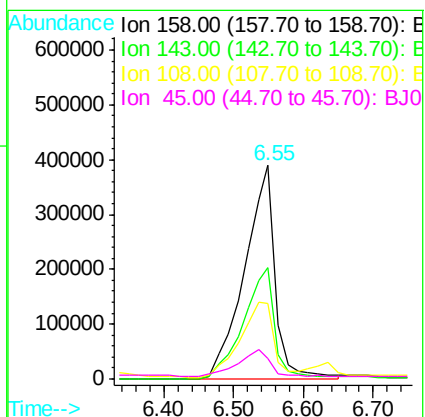
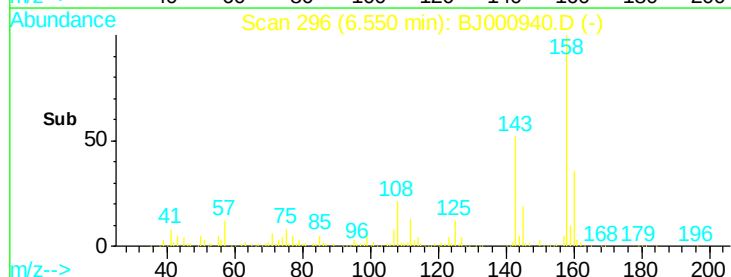
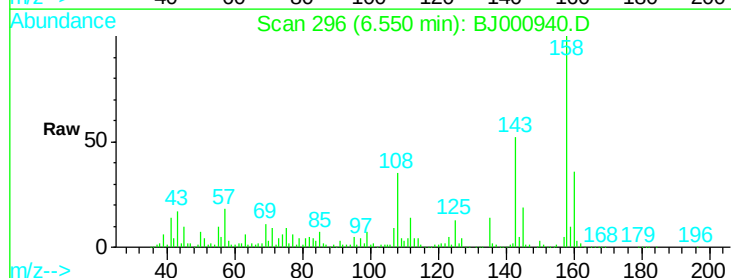
Ion Ratio Lower Upper

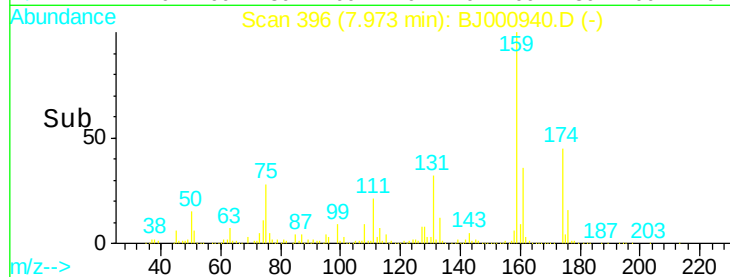
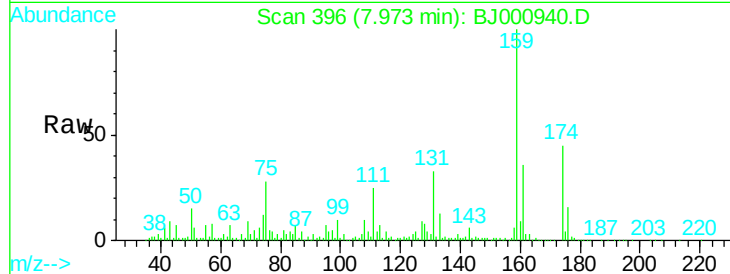
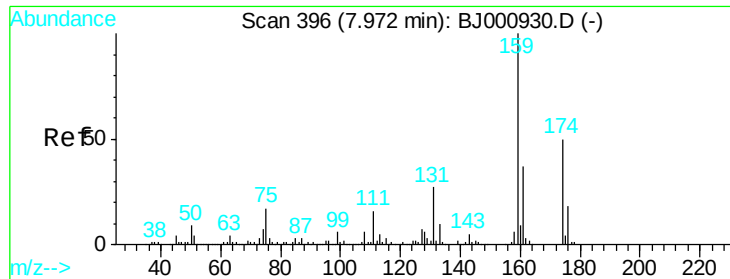
158 100

143 51.9 31.3 71.3

108 35.3 14.9 54.9

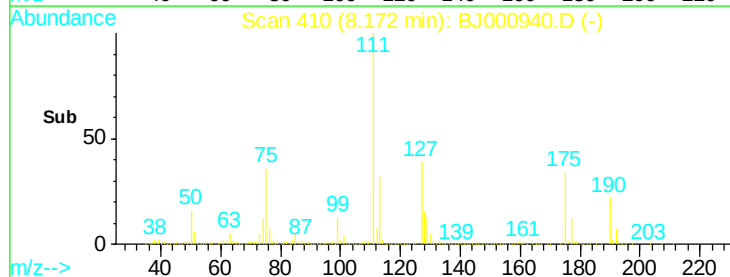
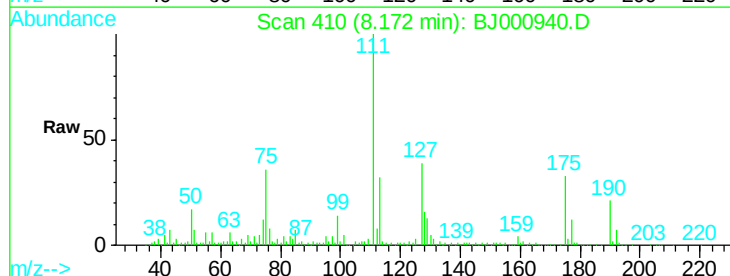
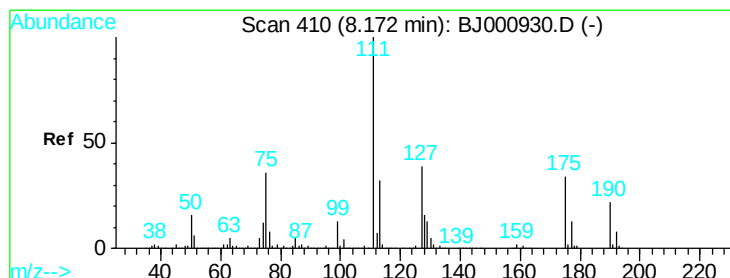
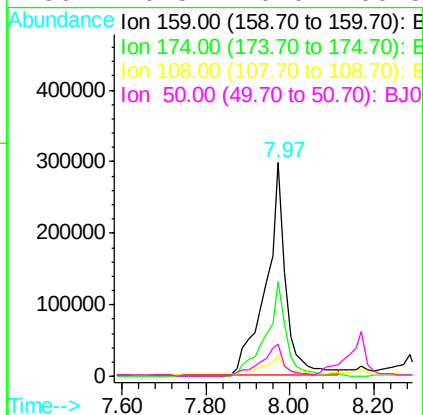
45 9.6 0.0 28.5





#13
p-Chlorophenylmethylsulfoxide
Concen: 9.42 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. 0.00 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

Tgt Ion:	159	Resp:	984980
Ion Ratio	Lower	Upper	
159	100		
174	46.3	27.0	67.0
108	9.0	0.0	28.3
50	16.8	0.0	36.8



#14
p-Chlorophenylmethylsulfone
Concen: 7.18 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. 0.00 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

Tgt Ion:	111	Resp:	1076096
Ion Ratio	Lower	Upper	
111	100		
75	36.5	16.5	56.5
127	38.8	19.3	59.3
190	21.0	2.0	42.0

