

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000810.D
 Acq On : 26 Apr 2012 23:33
 Sample : D2330-10MS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:33 2012

Vial: 26
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Apr 27 11:32:02 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.75	152	250046	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	1032737	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	208157	0.59	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	118.00%
12) 2-Bromothioanisole	7.36	204	311471	4.60	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%

Target Compounds

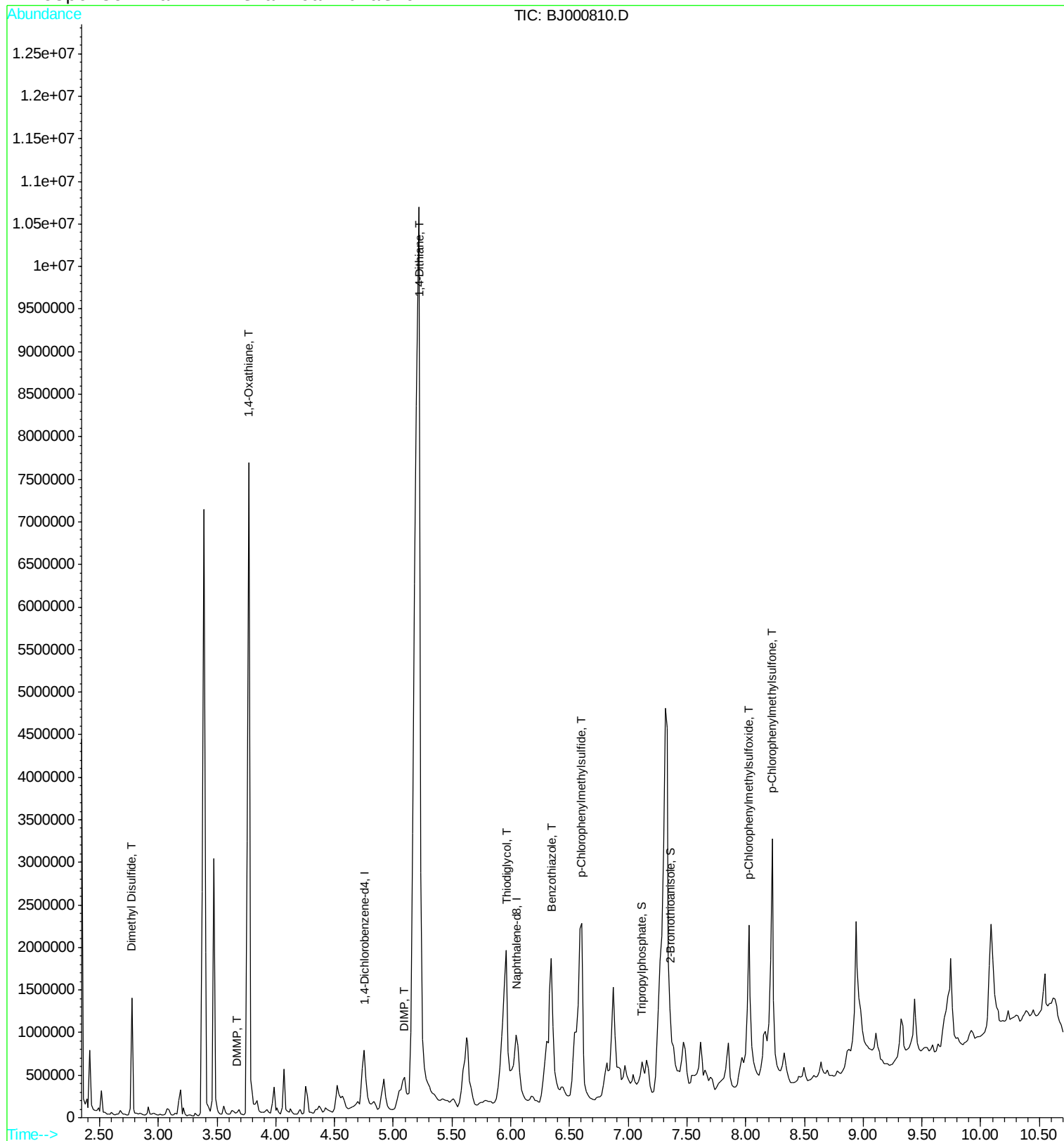
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.77	94	466523	5.07	ug/mL#	79
3) DMMP	3.67	79	17929	0.32	ug/mL	98
4) DIMP	5.09	97	485020	2.20	ug/mL	88
5) 1,4-Oxathiane	3.77	46	3049324	34.38	ug/mL#	78
7) 1,4-Dithiane	5.22	46	5408338	79.29	ug/mL	95
8) Thiodiglycol	5.96	61	238057	5.04	ug/mL#	16
9) Benzothiazole	6.35	135	2559931	9.96	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.60	158	1703435	9.58	ug/mL	97
13) p-Chlorophenylmethyldisulfox	8.03	159	1117561	11.26	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.23	111	1458058	9.97	ug/mL	98

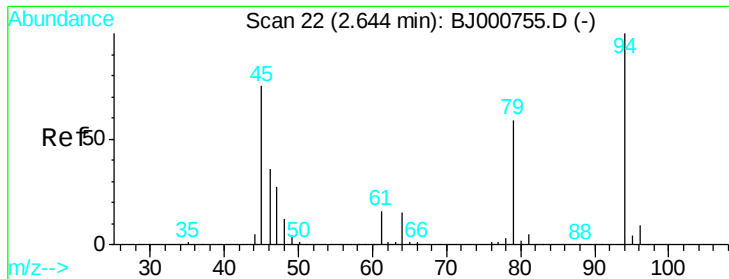
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#2

Dimethyl Disulfide

Concen: 5.07 ug/mL

RT: 2.77 min Scan# 31

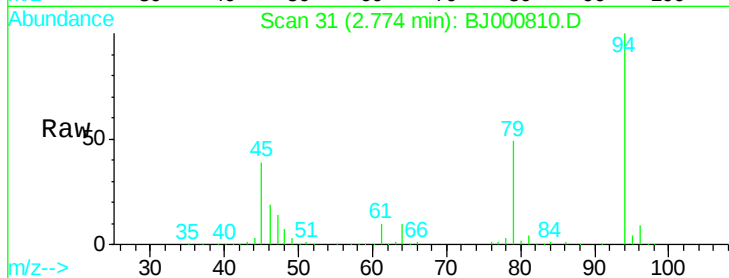
Delta R.T. 0.10 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Tgt Ion: 94 Resp: 466523

Ion	Ratio	Lower	Upper
94	100		
45	38.8	42.7	82.7#
79	48.8	35.3	75.3

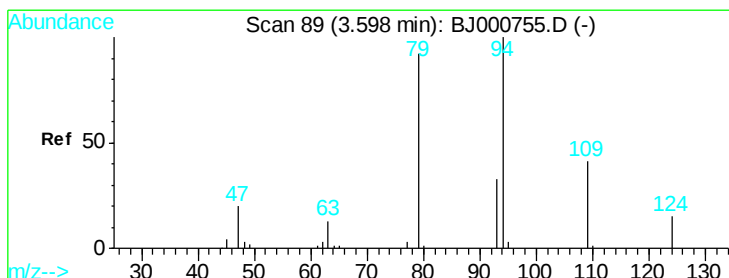
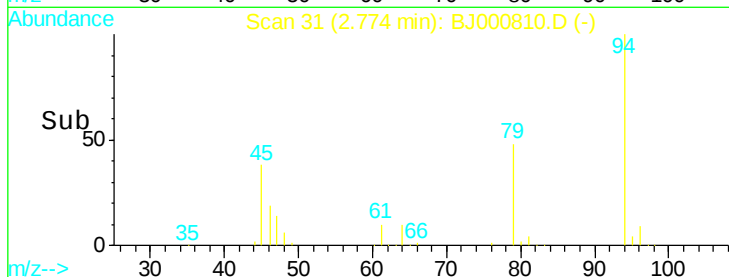
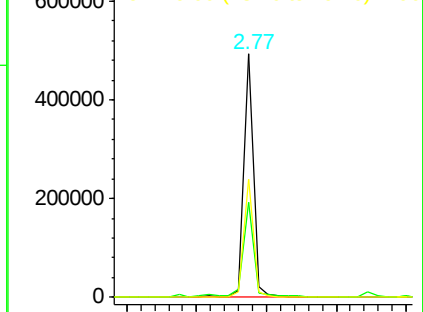


Abundance

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: 0.32 ug/mL

RT: 3.67 min Scan# 94

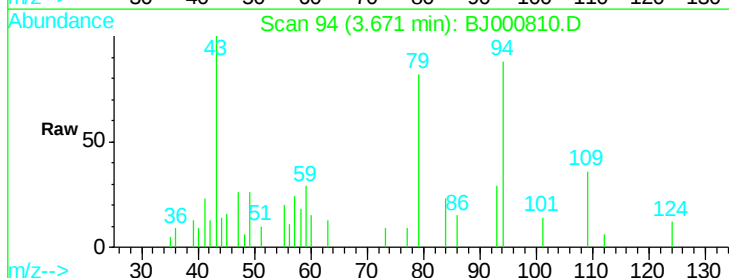
Delta R.T. 0.06 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Tgt Ion: 79 Resp: 17929

Ion	Ratio	Lower	Upper
79	100		
94	106.8	85.9	125.9
109	44.2	20.8	60.8

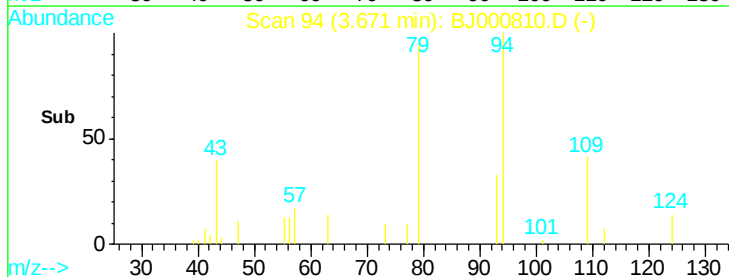
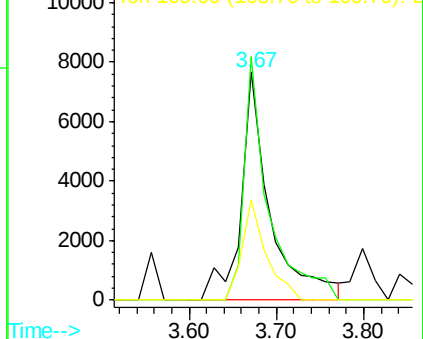


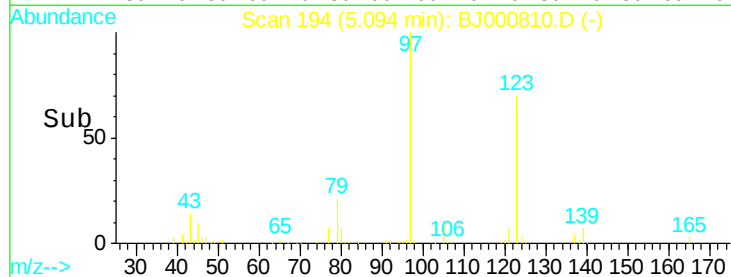
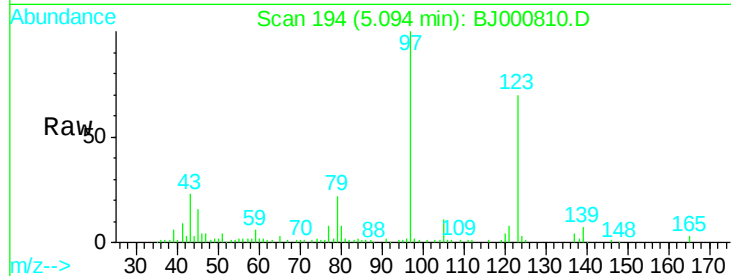
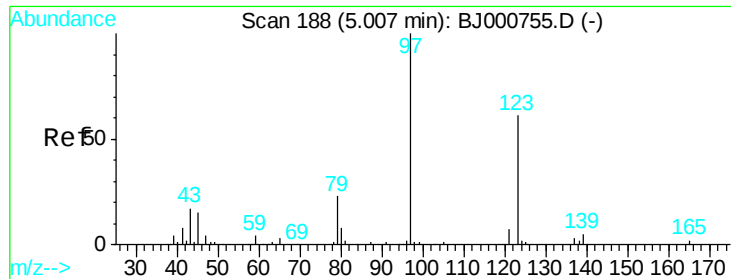
Abundance

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: 2.20 ug/mL

RT: 5.09 min Scan# 194

Delta R.T. 0.07 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Tgt Ion: 97 Resp: 485020

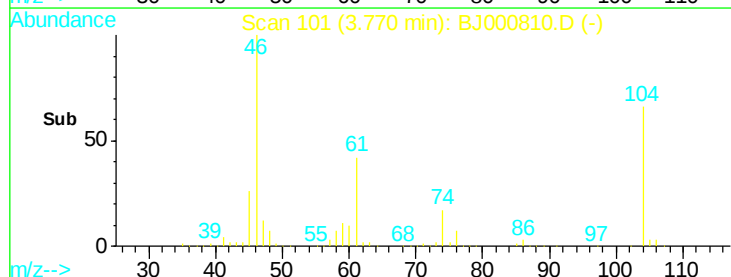
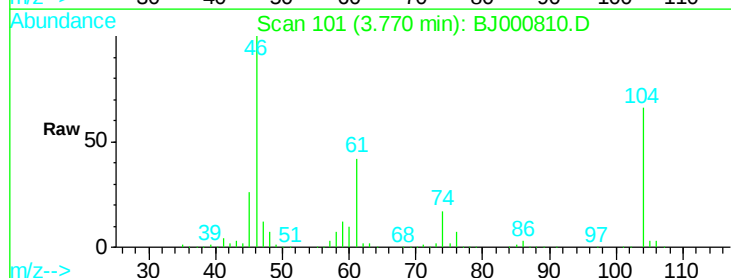
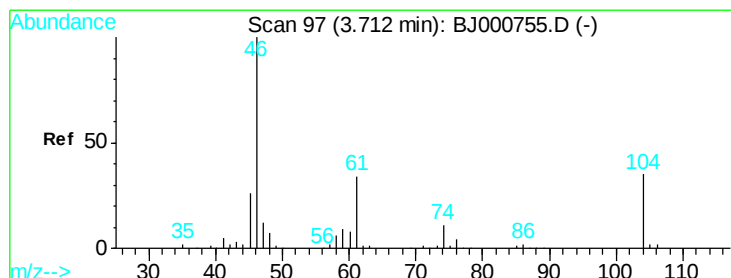
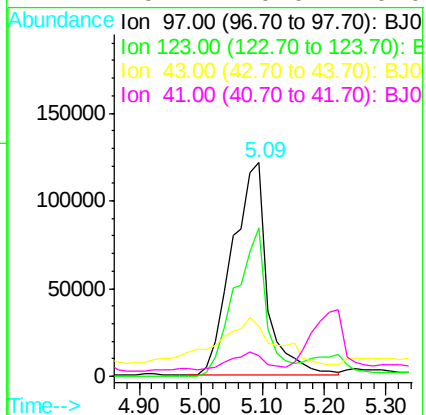
Ion Ratio Lower Upper

97 100

123 69.8 38.9 78.9

43 23.3 0.0 38.8

41 9.4 0.0 29.0



#5

1,4-Oxathiane

Concen: 34.38 ug/mL

RT: 3.77 min Scan# 101

Delta R.T. 0.03 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

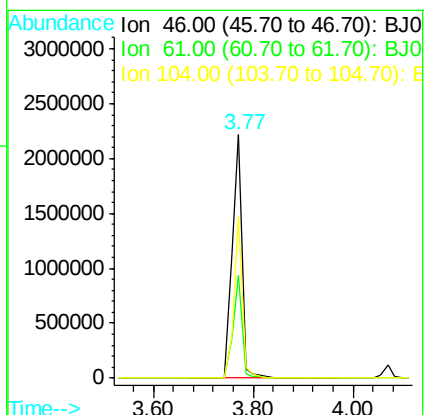
Tgt Ion: 46 Resp: 3049324

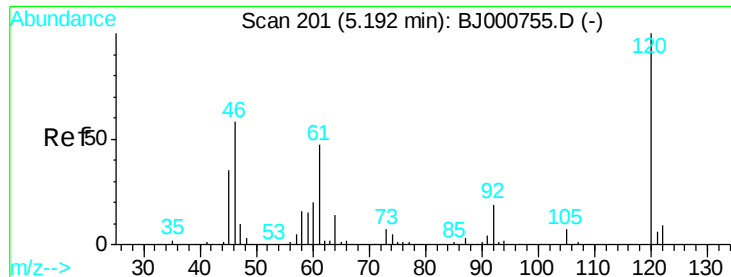
Ion Ratio Lower Upper

46 100

61 42.2 23.6 63.6

104 66.3 76.3 116.3#





#7

1,4-Dithiane

Concen: 79.29 ug/mL

RT: 5.22 min Scan# 203

Delta R.T. 0.02 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

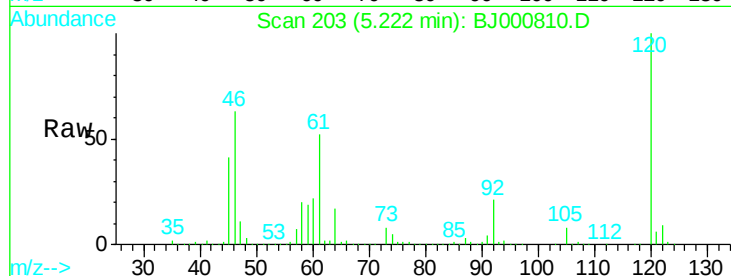
Tgt Ion: 46 Resp: 5408338

Ion Ratio Lower Upper

46 100

61 81.5 60.3 100.3

120 157.7 146.0 186.0

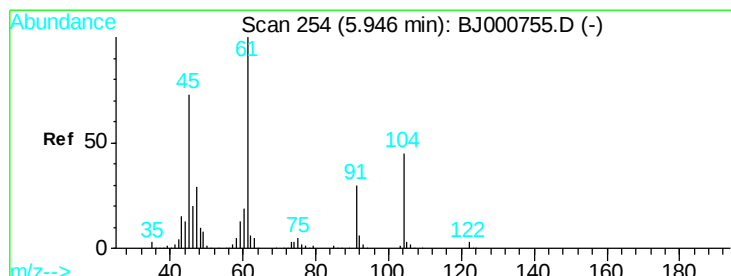
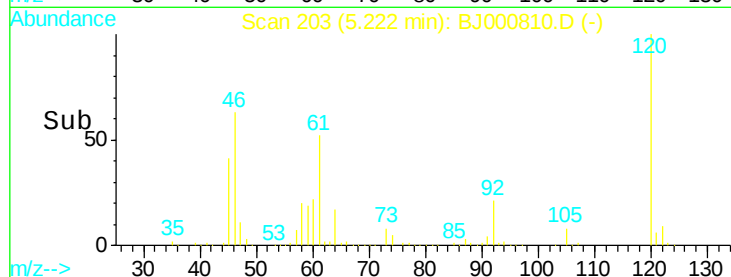
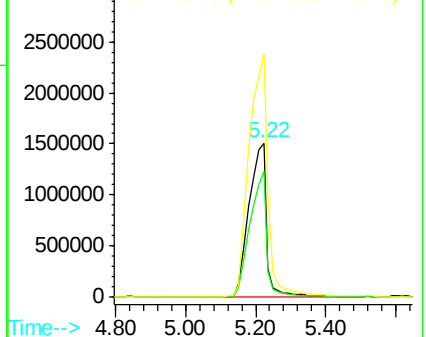


Abundance

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: 5.04 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. -0.01 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

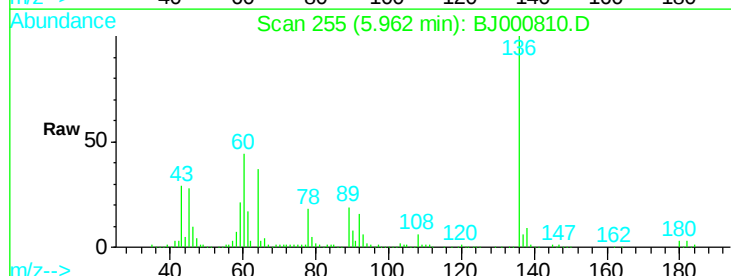
Tgt Ion: 61 Resp: 238057

Ion Ratio Lower Upper

61 100

45 165.1 50.6 90.6#

47 24.3 8.3 48.3

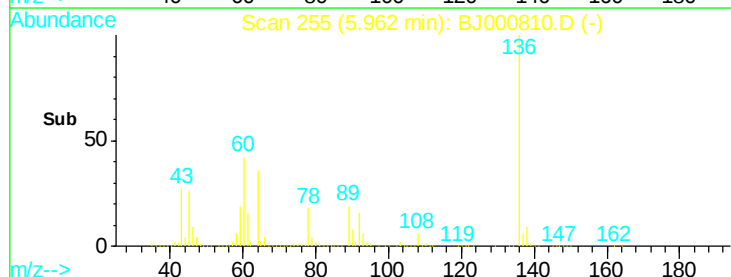
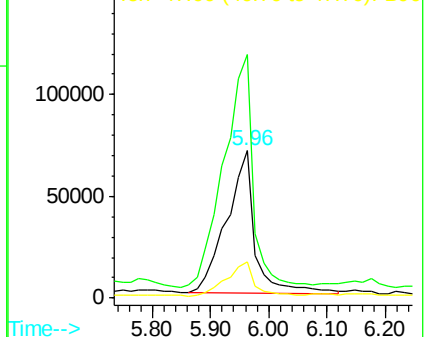


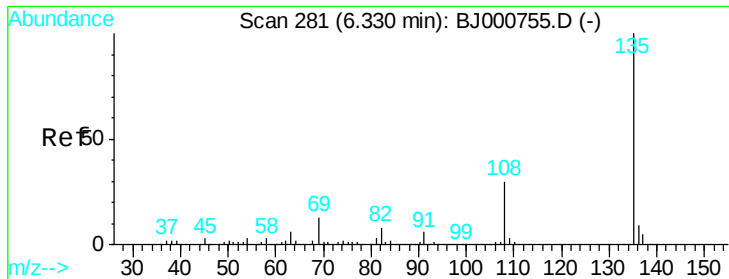
Abundance

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: 9.96 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

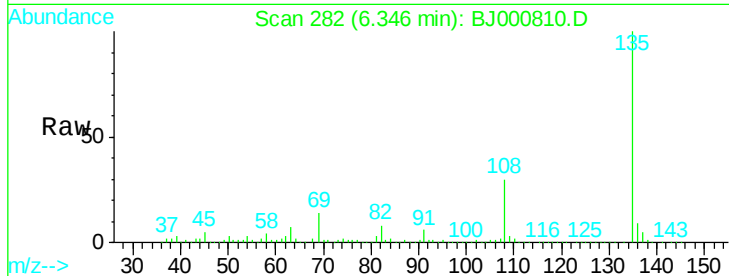
Tgt Ion:135 Resp: 2559931

Ion Ratio Lower Upper

135 100

108 29.5 11.1 51.1

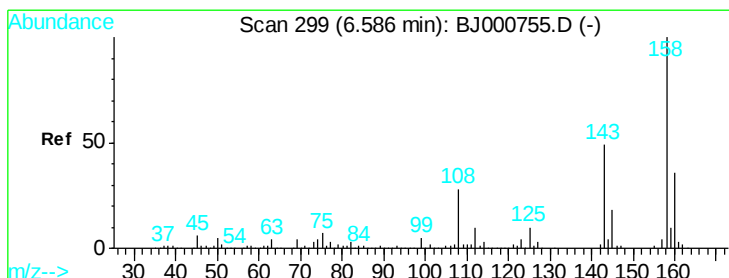
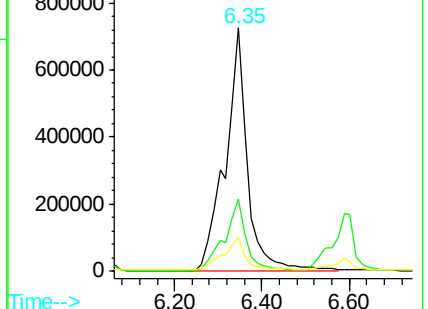
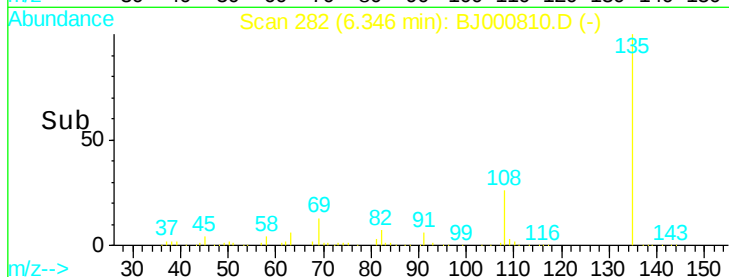
69 13.6 0.0 34.6



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: 9.58 ug/mL

RT: 6.60 min Scan# 300

Delta R.T. 0.00 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Tgt Ion:158 Resp: 1703435

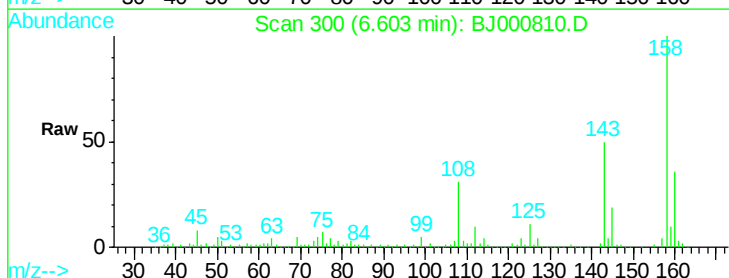
Ion Ratio Lower Upper

158 100

143 49.9 30.8 70.8

108 31.0 14.1 54.1

45 8.1 0.0 29.1

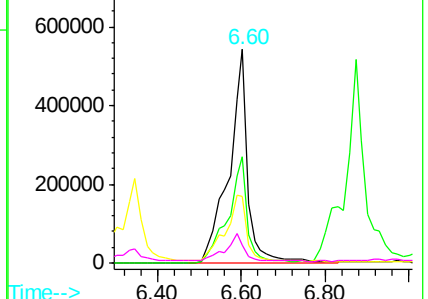
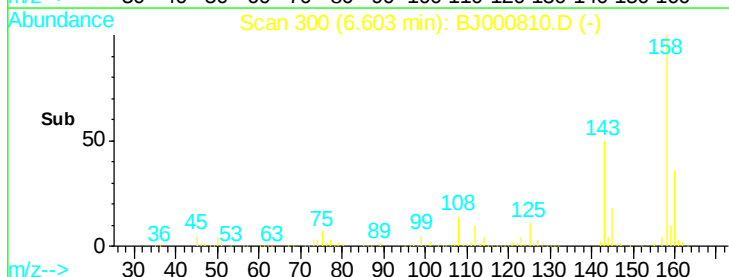


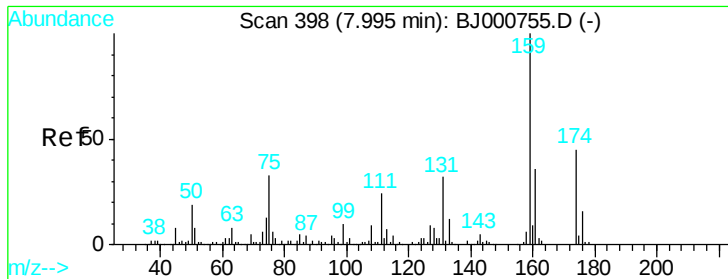
Abundance Ion 158.00 (157.70 to 158.70): E

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

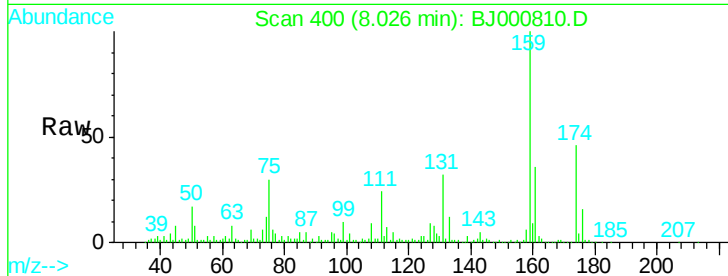




#13
 p-Chlorophenylmethylsulfoxide
 Concen: 11.26 ug/mL
 RT: 8.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BJ000810.D
 Acq: 26 Apr 2012 23:33

Tgt Ion:159 Resp: 1117561

Ion	Ratio	Lower	Upper
159	100		
174	48.1	28.6	68.6
108	8.4	0.0	28.2
50	17.0	0.0	36.1



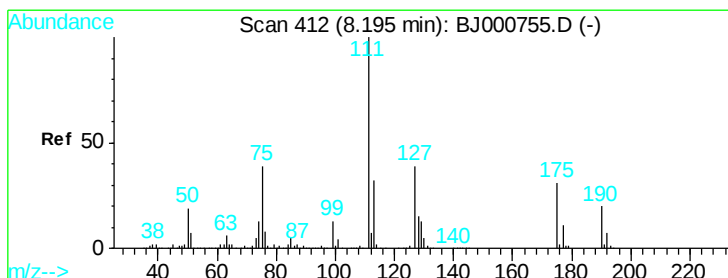
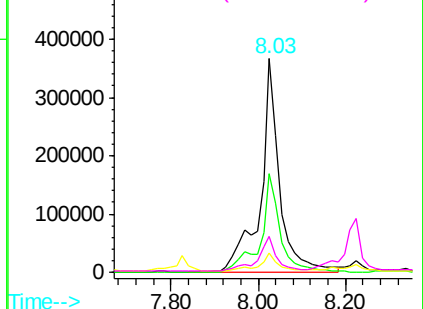
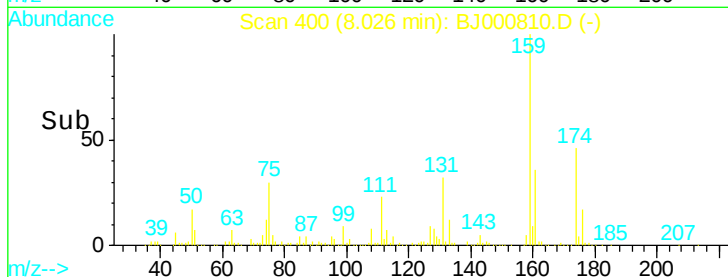
Abundance

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

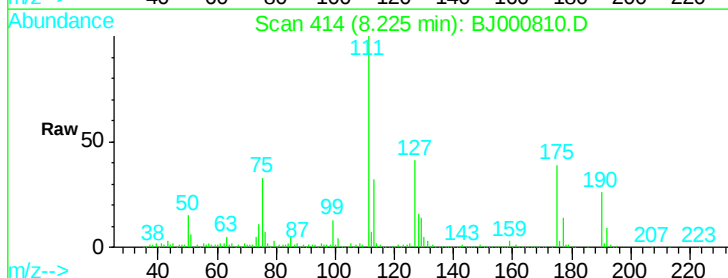
Ion 50.00 (49.70 to 50.70): BJ0



#14
 p-Chlorophenylmethylsulfone
 Concen: 9.97 ug/mL
 RT: 8.23 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BJ000810.D
 Acq: 26 Apr 2012 23:33

Tgt Ion:111 Resp: 1458058

Ion	Ratio	Lower	Upper
111	100		
75	33.1	12.8	52.8
127	40.8	21.9	61.9
190	25.8	7.7	47.7



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

