

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000753.D

Vial: 2

Acq On : 17 Apr 2012 13:23

Operator: HLM

Sample : CWA-6

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 17 16:49 2012

Quant Results File: BJ041712.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Tue Apr 17 16:51:03 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	199877	2.00	ug/mL	-0.03
6) Naphthalene-d8	5.99	136	309640	2.00	ug/mL	-0.04

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	347854	3.23	ug/mL	-0.06
Spiked Amount	0.500	Range	70 - 130	Recovery	=	646.00%#
12) 2-Bromothioanisole	7.34	204	1467477	73.26	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1465.20%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.50	94	997477	10.81	ug/mL# 79
3) DMMP	3.60	79	920949	20.69	ug/mL 81
4) DIMP	5.02	97	958454	5.73	ug/mL 87
5) 1,4-Oxathiane	3.74	46	1973858	27.51	ug/mL 90
7) 1,4-Dithiane	5.15	46	463731	20.62	ug/mL# 85
8) Thiodiglycol	6.00	61	5507689	262.75	ug/mL 99
9) Benzothiazole	6.27	135	1761585	21.15	ug/mL 99
11) p-Chlorophenylmethyldisulfid	6.53	158	2156049	43.41	ug/mL 93
13) p-Chlorophenylmethyldisulfox	8.01	159	2936222	103.23	ug/mL 91
14) p-Chlorophenylmethyldisulfon	8.14	111	560002	12.26	ug/mL 91

Quantitation Report

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Quant Time: Apr 17 16:49 2012

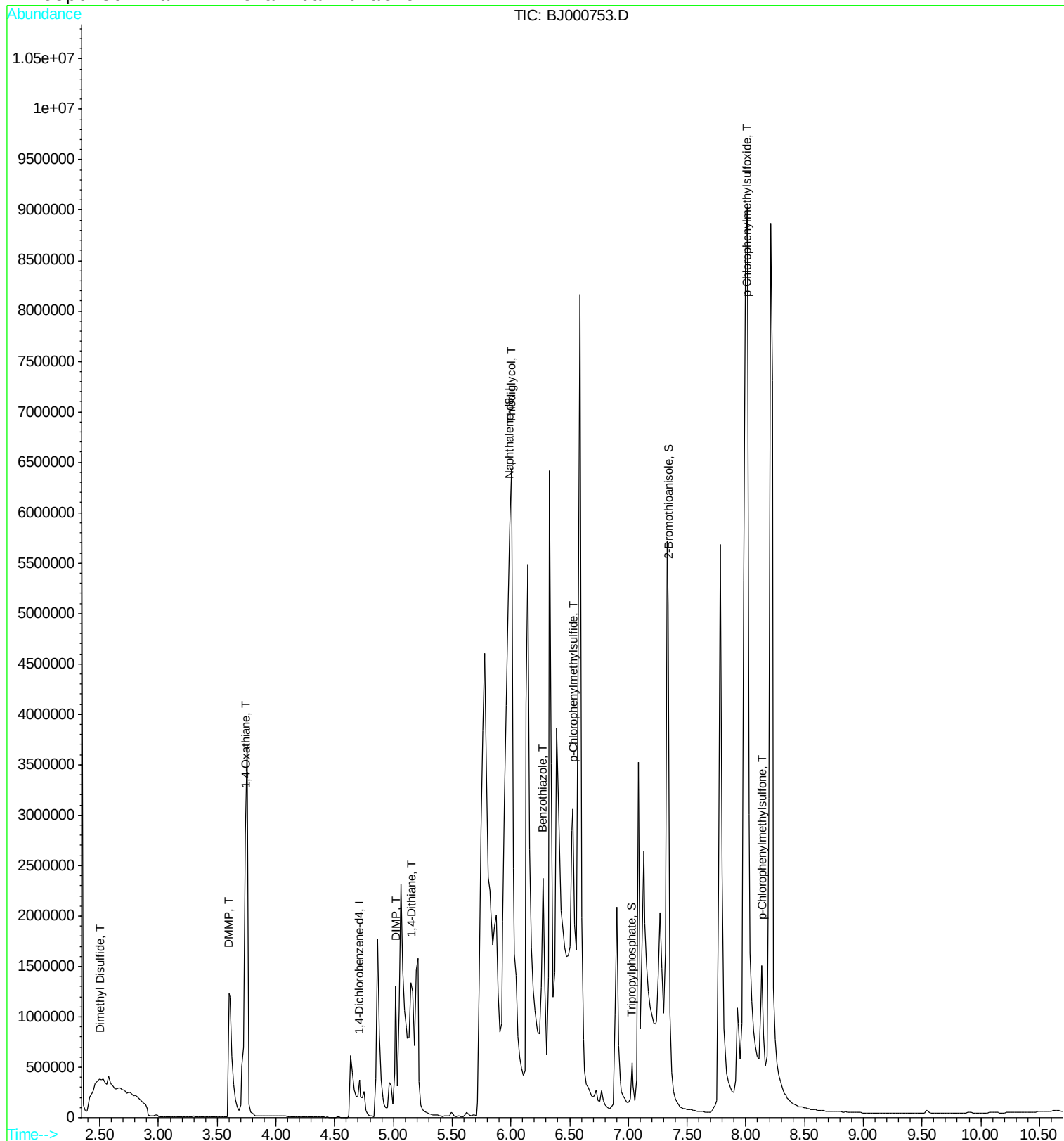
Quant Results File: BJ041712.RES

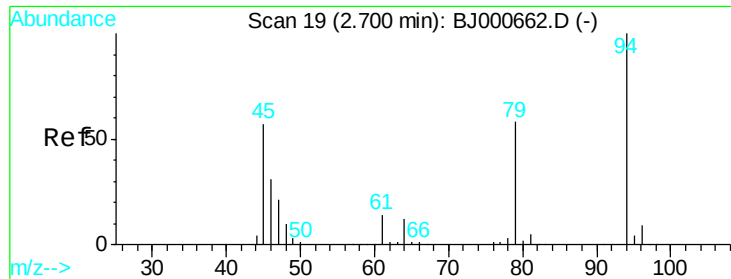
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

Title : CWA degradation products by GCMS

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Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 10.81 ug/mL

RT: 2.50 min Scan# 12

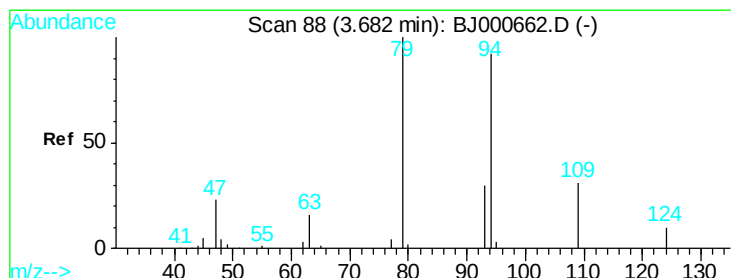
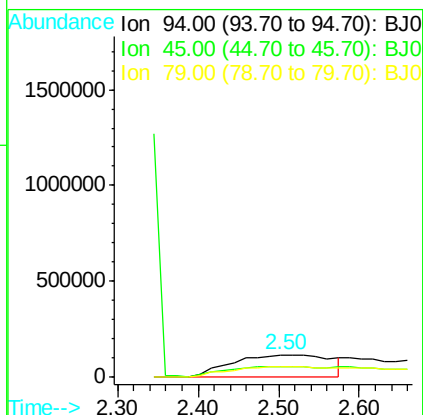
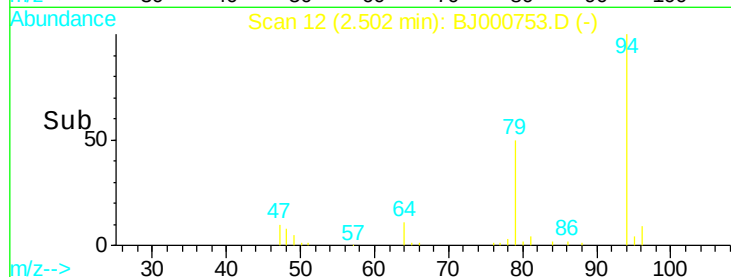
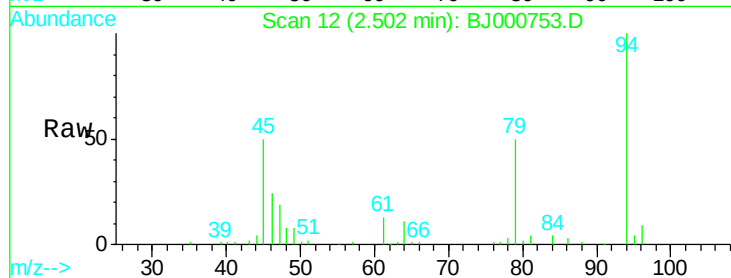
Delta R.T. -0.14 min

Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

Tgt Ion: 94 Resp: 997477

Ion	Ratio	Lower	Upper
94	100		
45	50.3	54.7	94.7#
79	49.7	38.8	78.8



#3

DMMP

Concen: 20.69 ug/mL

RT: 3.60 min Scan# 89

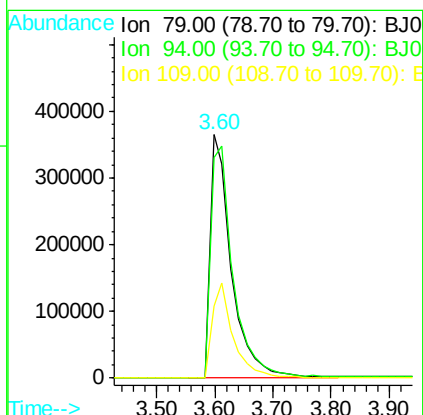
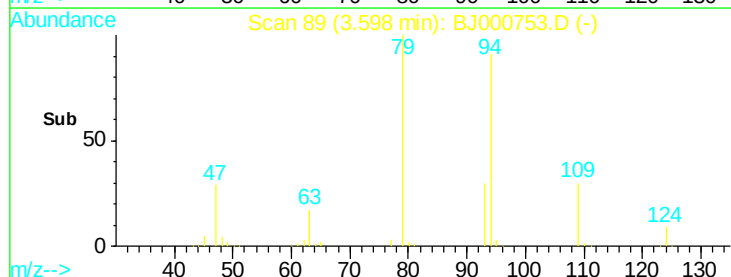
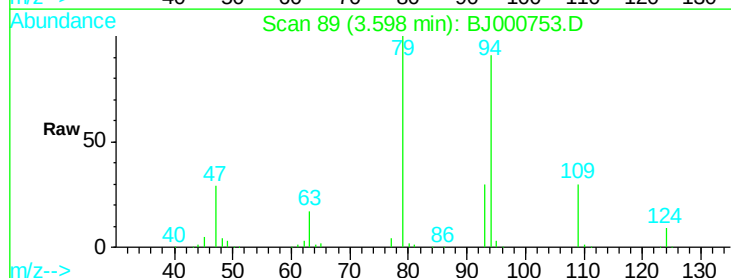
Delta R.T. 0.00 min

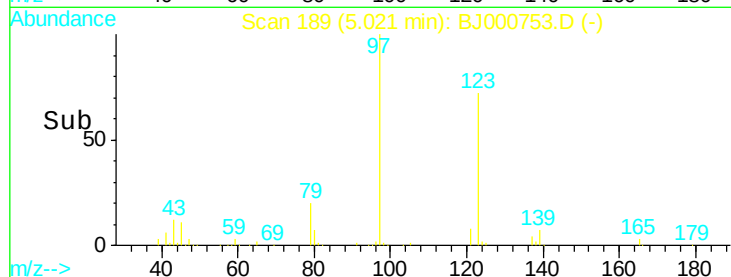
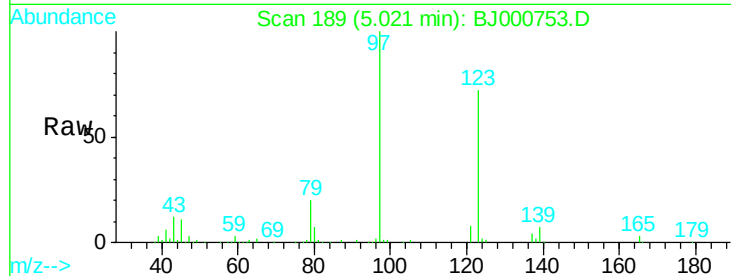
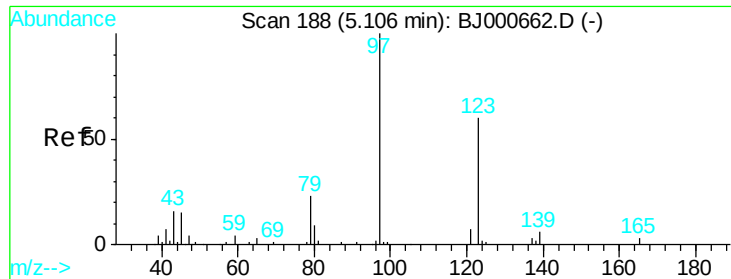
Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

Tgt Ion: 79 Resp: 920949

Ion	Ratio	Lower	Upper
79	100		
94	90.6	88.2	128.2
109	29.6	24.6	64.6





#4

DIMP

Concen: 5.73 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. 0.01 min

Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

Tgt Ion: 97 Resp: 958454

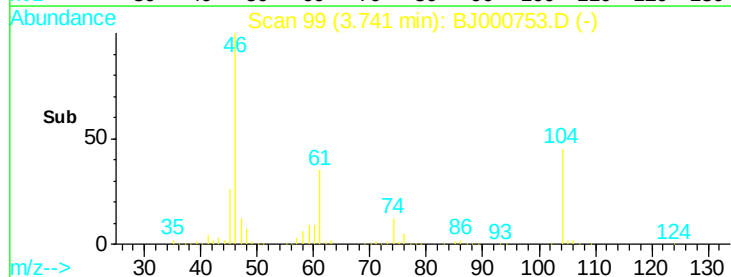
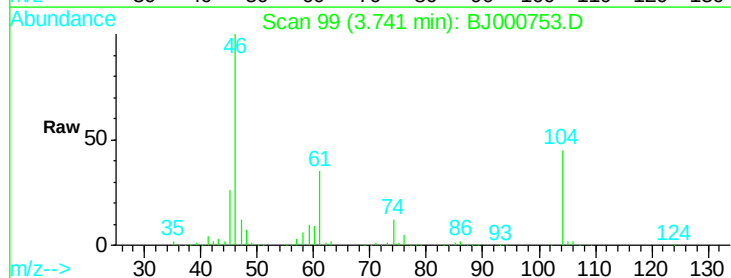
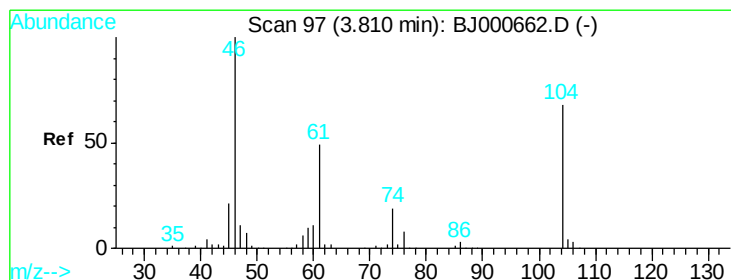
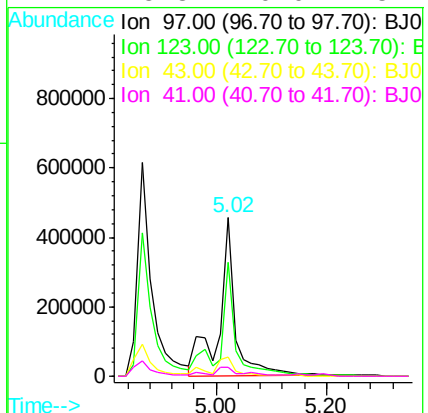
Ion Ratio Lower Upper

97 100

123 72.2 41.1 81.1

43 12.3 0.0 36.9

41 5.8 0.0 28.2



#5

1,4-Oxathiane

Concen: 27.51 ug/mL

RT: 3.74 min Scan# 99

Delta R.T. 0.03 min

Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

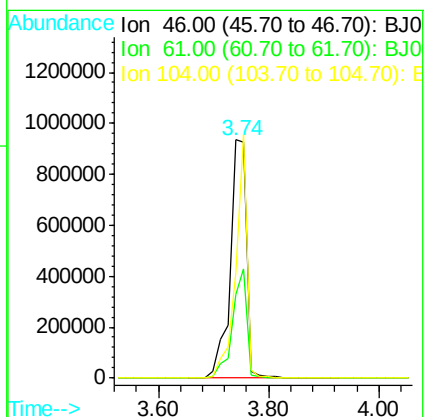
Tgt Ion: 46 Resp: 1973858

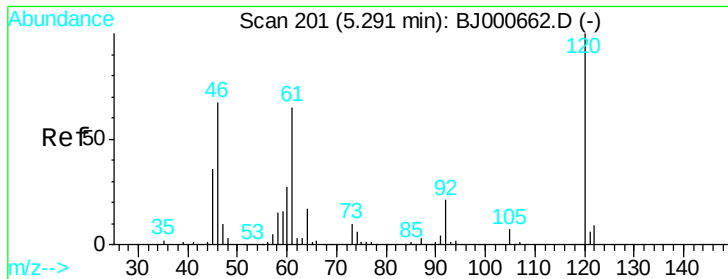
Ion Ratio Lower Upper

46 100

61 35.0 13.9 53.9

104 44.5 14.6 54.6





#7

1,4-Dithiane

Concen: 20.62 ug/mL

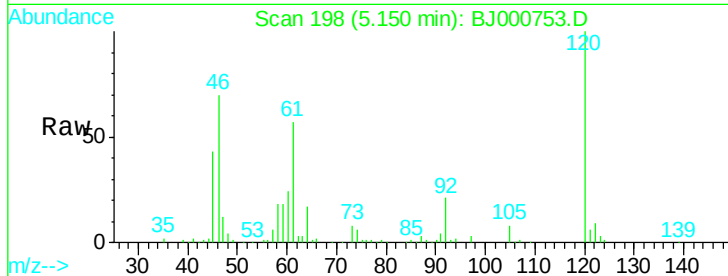
RT: 5.15 min Scan# 198

Delta R.T. -0.04 min

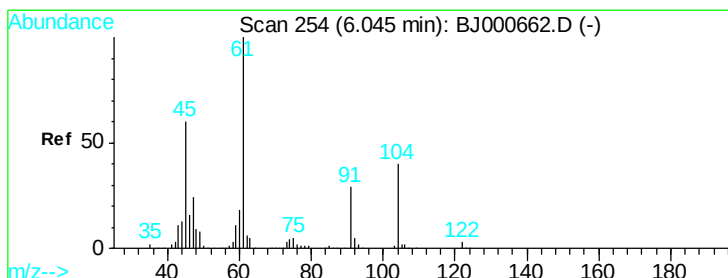
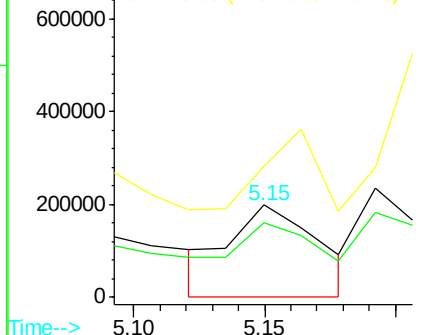
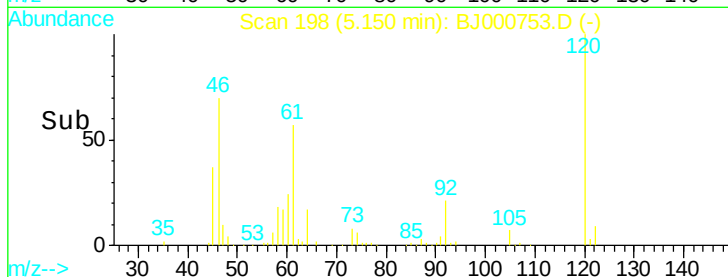
Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

Tgt Ion: 46 Resp: 463731
 Ion Ratio Lower Upper
 46 100
 61 80.8 61.1 101.1
 120 142.6 152.3 192.3#



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: 262.75 ug/mL

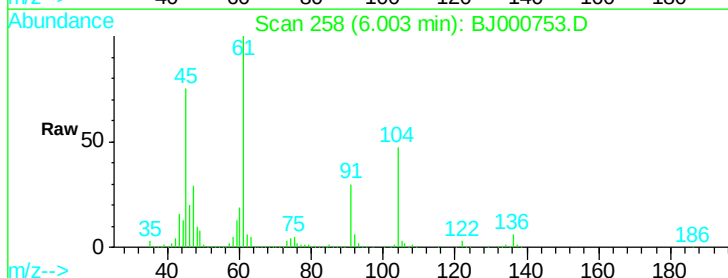
RT: 6.00 min Scan# 258

Delta R.T. 0.06 min

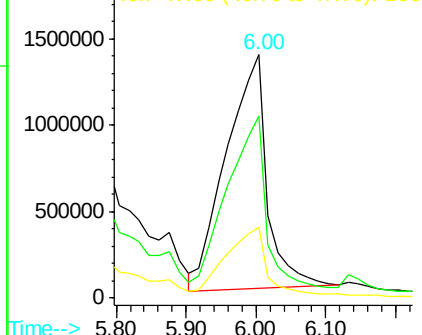
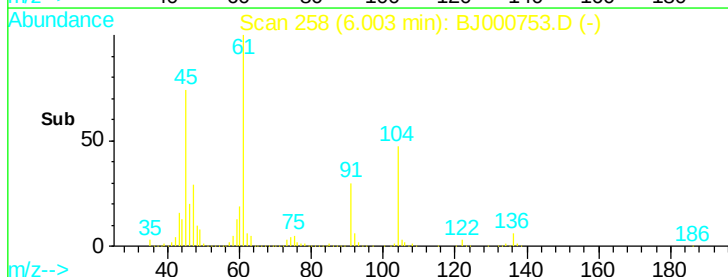
Lab File: BJ000753.D

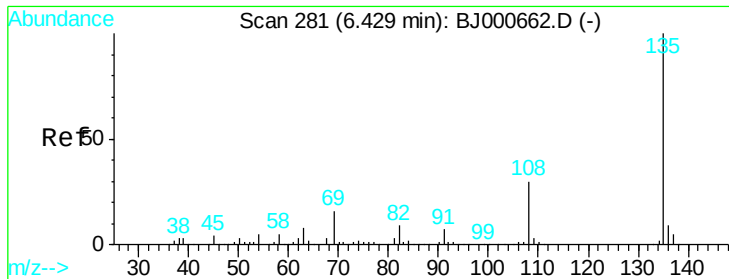
Acq: 17 Apr 2012 13:23

Tgt Ion: 61 Resp: 5507689
 Ion Ratio Lower Upper
 61 100
 45 74.7 53.3 93.3
 47 29.3 9.3 49.3



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: 21.15 ug/mL

RT: 6.27 min Scan# 277

Delta R.T. -0.06 min

Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

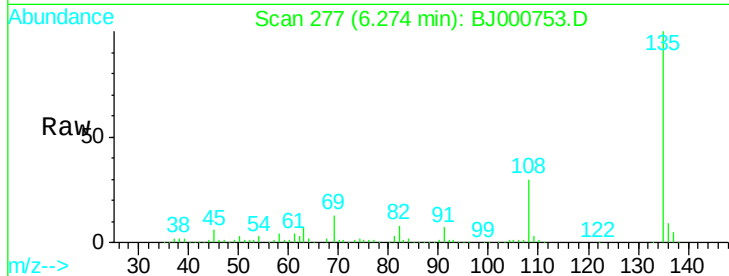
Tgt Ion:135 Resp: 1761585

Ion Ratio Lower Upper

135 100

108 29.6 9.9 49.9

69 12.8 0.0 32.5

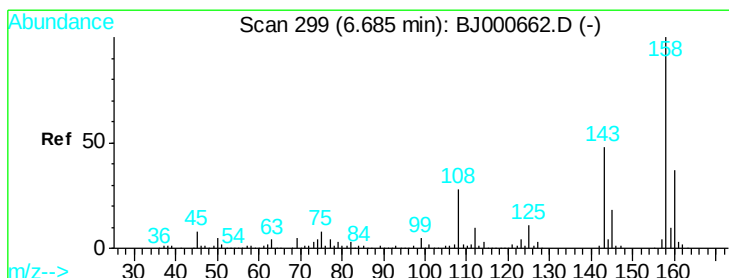
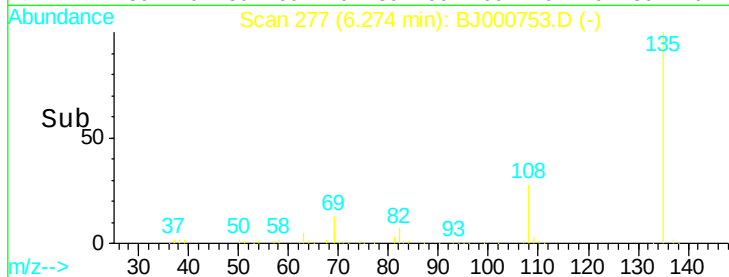
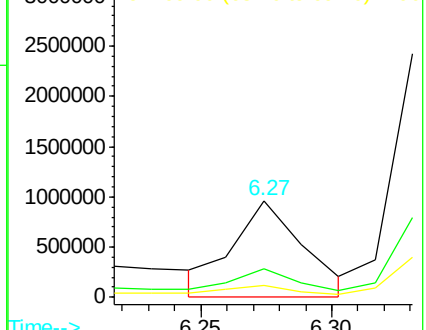


Abundance

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: 43.41 ug/mL

RT: 6.53 min Scan# 295

Delta R.T. -0.06 min

Lab File: BJ000753.D

Acq: 17 Apr 2012 13:23

Tgt Ion:158 Resp: 2156049

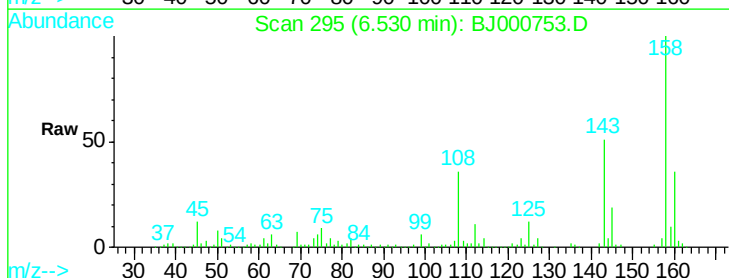
Ion Ratio Lower Upper

158 100

143 50.5 28.9 68.9

108 35.9 8.9 48.9

45 12.2 0.0 27.0



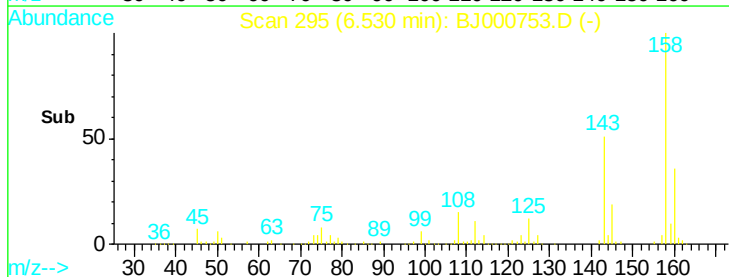
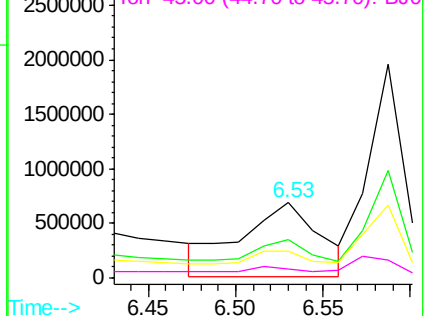
Abundance

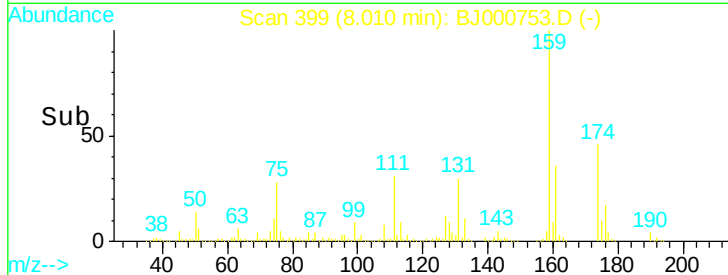
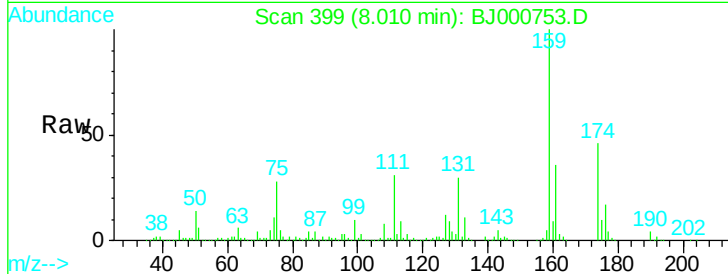
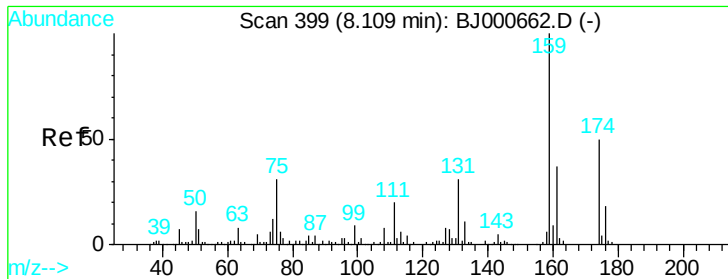
Ion 158.00 (157.70 to 158.70): E

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

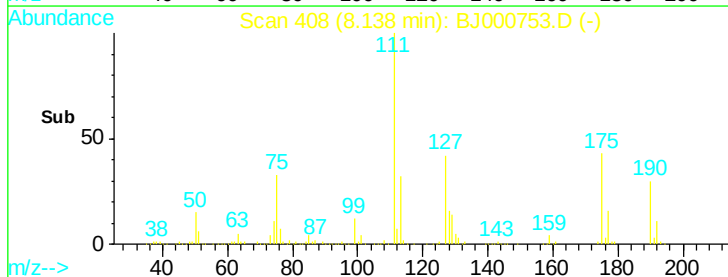
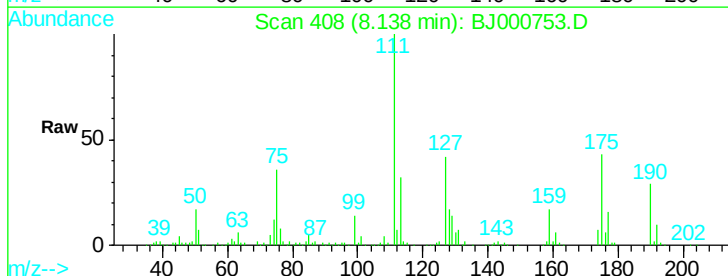
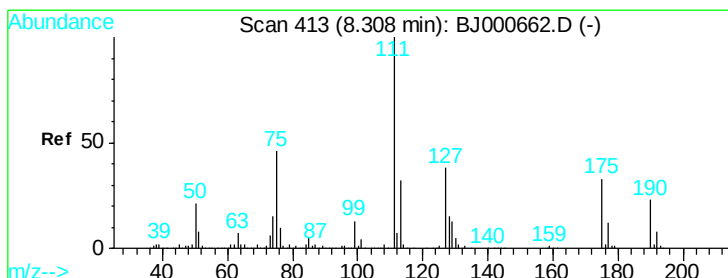
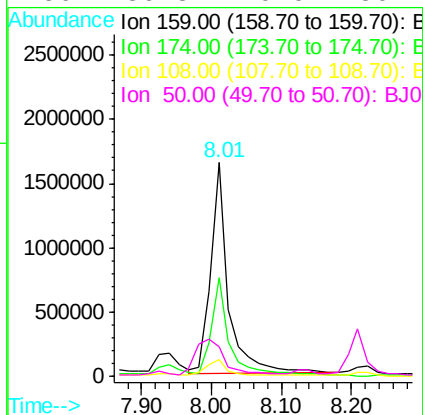




#13
p-Chlorophenylmethylsulfoxide
Concen: 103.23 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. 0.01 min
Lab File: BJ000753.D
Acq: 17 Apr 2012 13:23

Tgt Ion:159 Resp: 2936222

Ion	Ratio	Lower	Upper
159	100		
174	45.9	27.3	67.3
108	8.8	0.0	28.2
50	30.3	0.0	36.4



#14
p-Chlorophenylmethylsulfone
Concen: 12.26 ug/mL
RT: 8.14 min Scan# 408
Delta R.T. -0.06 min
Lab File: BJ000753.D
Acq: 17 Apr 2012 13:23

Tgt Ion:111 Resp: 560002

Ion	Ratio	Lower	Upper
111	100		
75	36.1	20.1	60.1
127	41.7	18.5	58.5
190	29.2	0.0	39.5

