

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000817.D
 Acq On : 27 Apr 2012 11:31
 Sample : CWA-CCV
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 15:26 2012

Vial: 2
 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 15:25:19 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	250371	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1058163	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	1021265	2.83	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	566.00%#
12) 2-Bromothioanisole	7.34	204	917030	13.21	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	264.20%#

Target Compounds

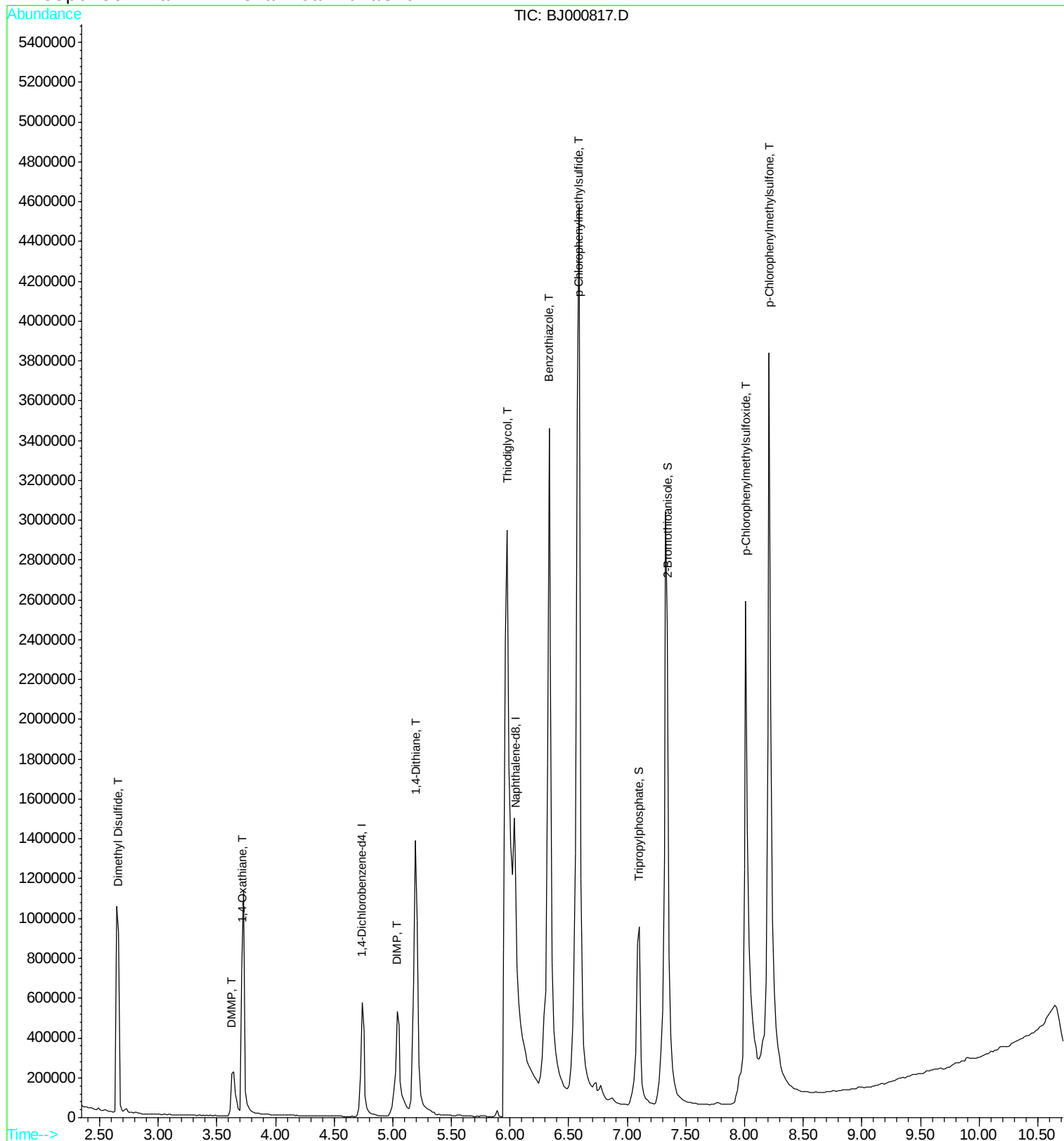
					Ovalue
2) Dimethyl Disulfide	2.66	94	520044	5.64	ug/mL 100
3) DMMP	3.63	79	200415	2.49	ug/mL 100
4) DIMP	5.04	97	580347	2.63	ug/mL 100
5) 1,4-Oxathiane	3.71	46	518127	5.83	ug/mL 100
7) 1,4-Dithiane	5.19	46	461447	6.60	ug/mL 100
8) Thiodiglycol	5.98	61	2916022	41.44	ug/mL 100
9) Benzothiazole	6.33	135	3599660	13.67	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.59	158	2356172	12.93	ug/mL 100
13) p-Chlorophenylmethyldisulfox	8.01	159	1403450	13.81	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.21	111	1918703	12.80	ug/mL 100

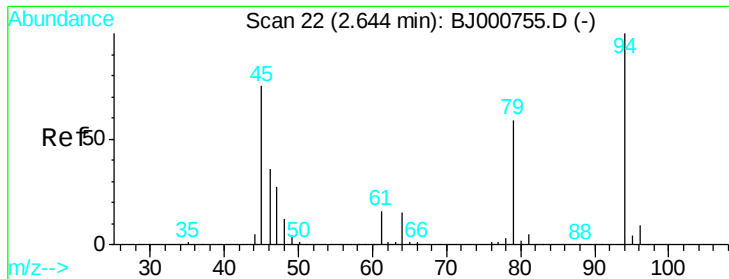
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#2

Dimethyl Disulfide

Concen: 5.64 ug/mL

RT: 2.66 min Scan# 23

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

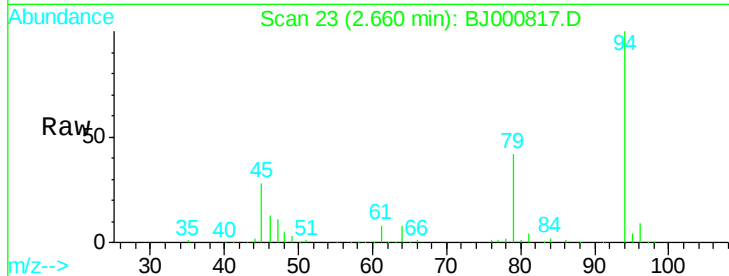
Tgt Ion: 94 Resp: 520044

Ion Ratio Lower Upper

94 100

45 28.1 8.1 48.1

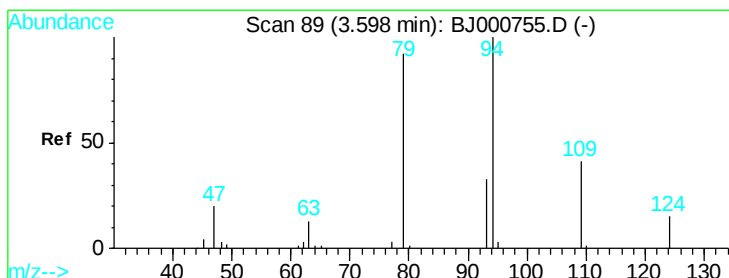
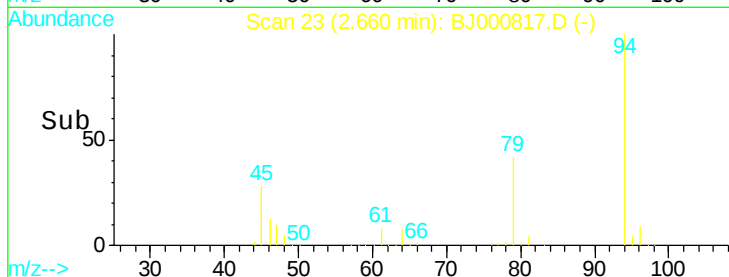
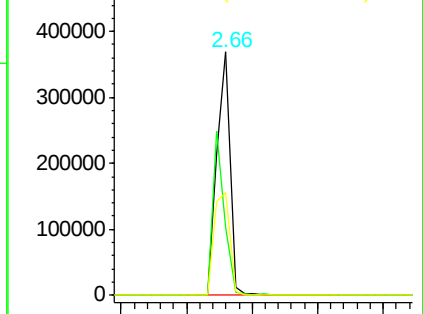
79 42.4 22.4 62.4



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: 2.49 ug/mL

RT: 3.63 min Scan# 91

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

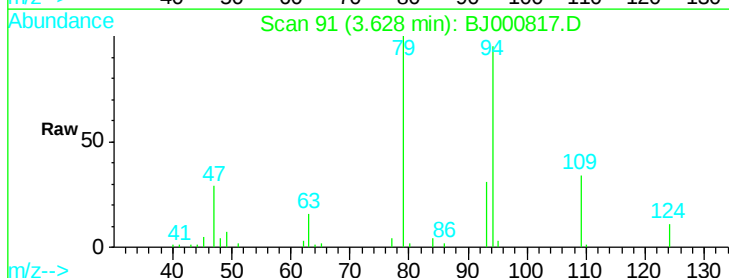
Tgt Ion: 79 Resp: 200415

Ion Ratio Lower Upper

79 100

94 94.5 74.5 114.5

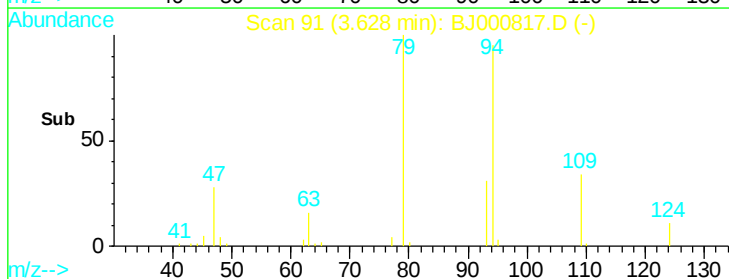
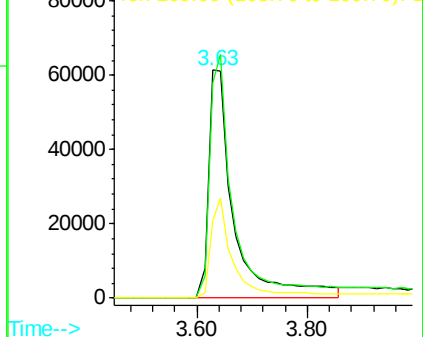
109 33.9 13.9 53.9

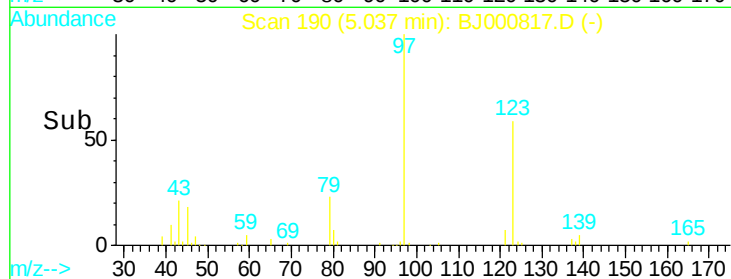
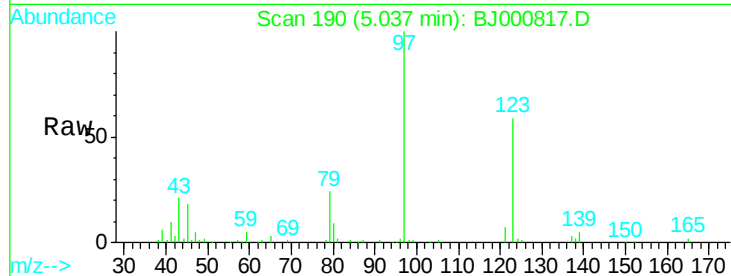
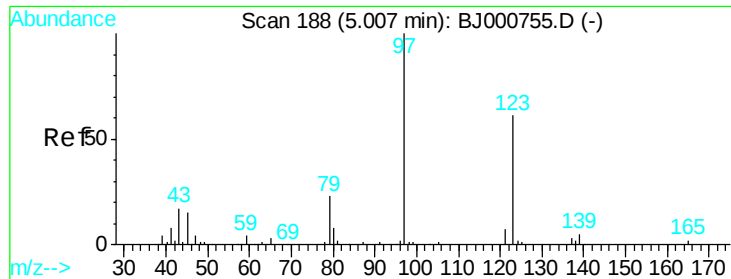


Abundance Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 2.63 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Tgt Ion: 97 Resp: 580347

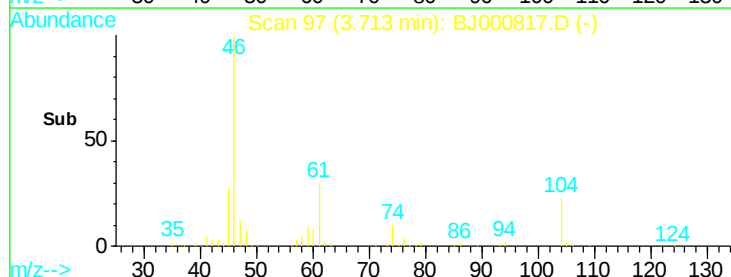
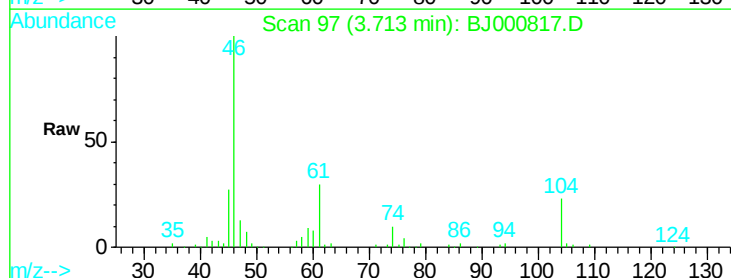
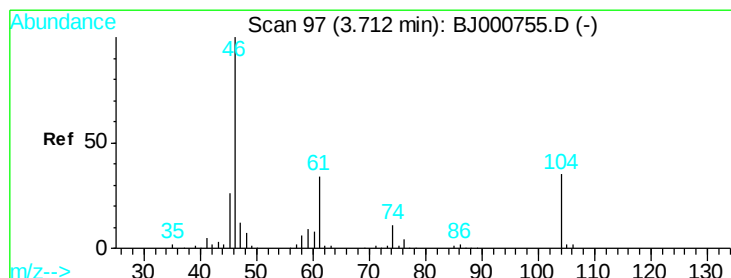
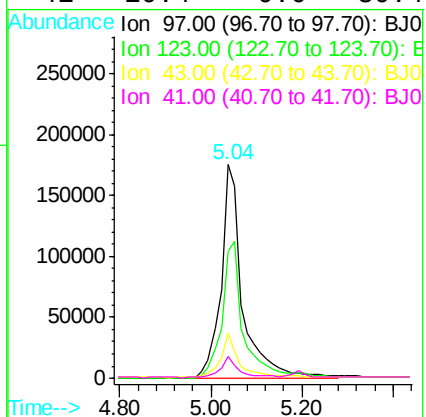
Ion Ratio Lower Upper

97 100

123 59.2 39.2 79.2

43 21.0 1.0 41.0

41 10.4 0.0 30.4



#5

1,4-Oxathiane

Concen: 5.83 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

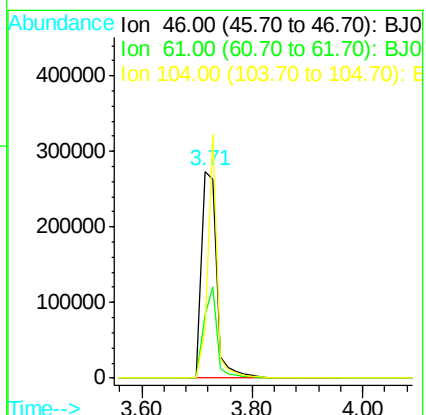
Tgt Ion: 46 Resp: 518127

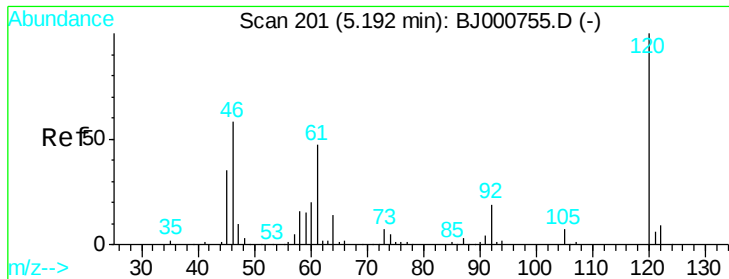
Ion Ratio Lower Upper

46 100

61 30.3 10.3 50.3

104 23.0 3.0 43.0





#7

1,4-Dithiane

Concen: 6.60 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

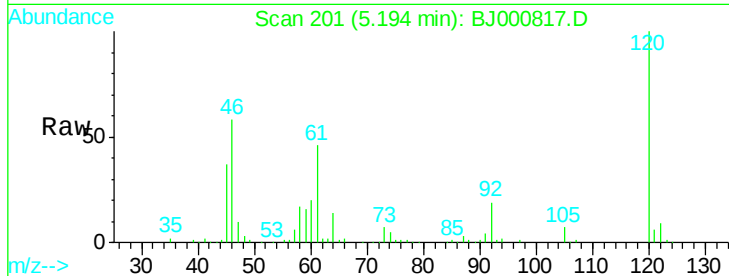
Tgt Ion: 46 Resp: 461447

Ion Ratio Lower Upper

46 100

61 78.9 58.9 98.9

120 171.7 151.7 191.7

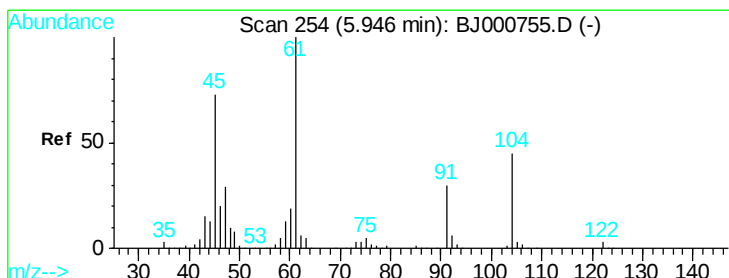
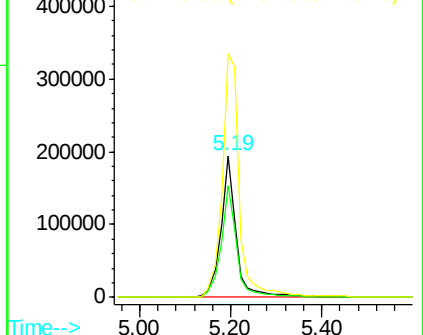
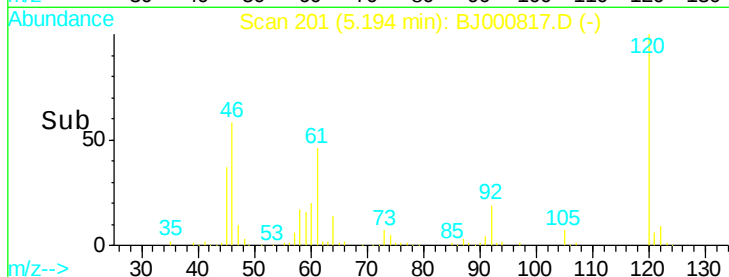


Abundance

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: 41.44 ug/mL

RT: 5.98 min Scan# 256

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

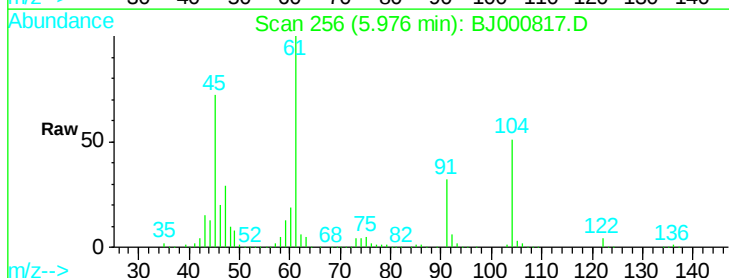
Tgt Ion: 61 Resp: 2916022

Ion Ratio Lower Upper

61 100

45 72.0 52.0 92.0

47 28.7 8.7 48.7

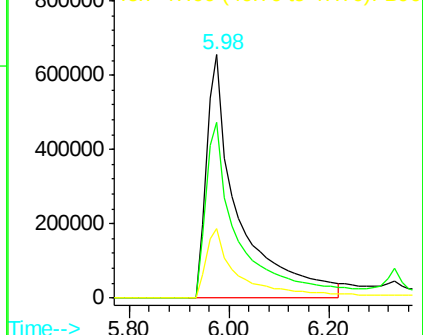
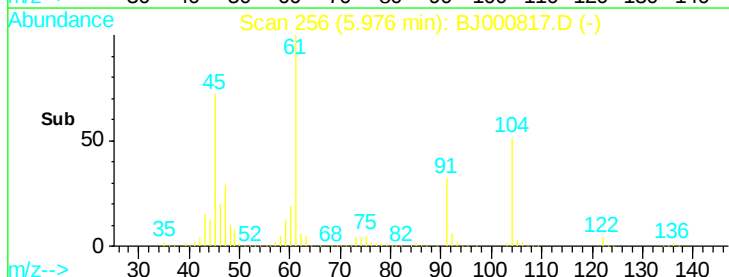


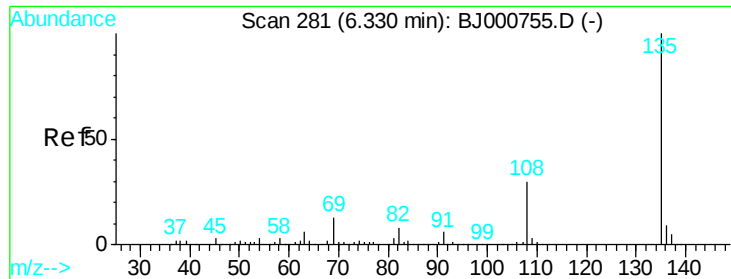
Abundance

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: 13.67 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

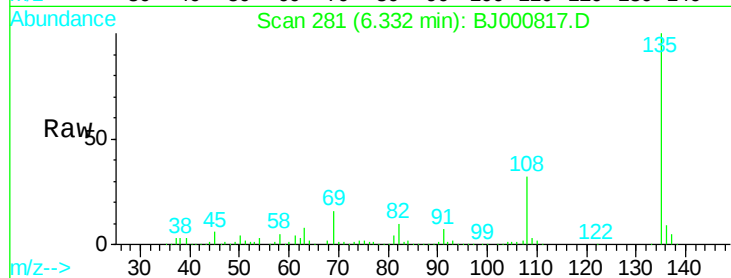
Tgt Ion:135 Resp: 3599660

Ion Ratio Lower Upper

135 100

108 32.3 12.3 52.3

69 16.1 0.0 36.1

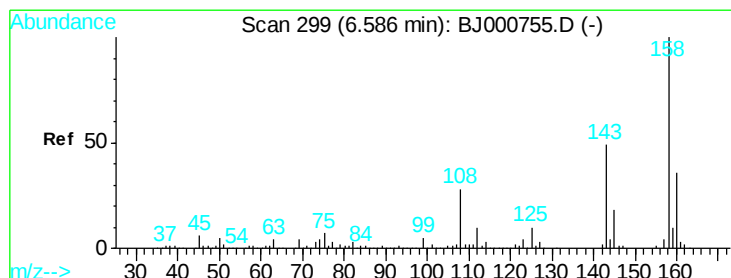
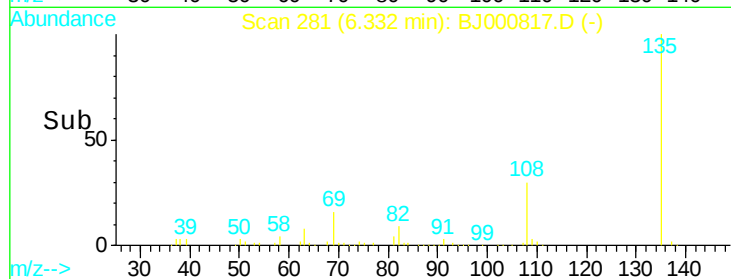
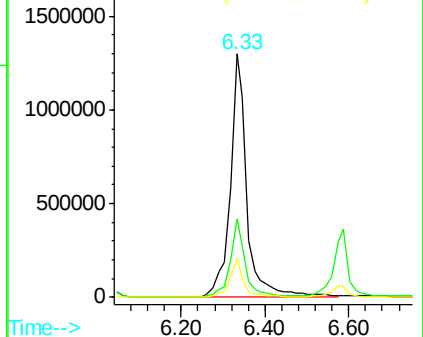


Abundance

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: 12.93 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Tgt Ion:158 Resp: 2356172

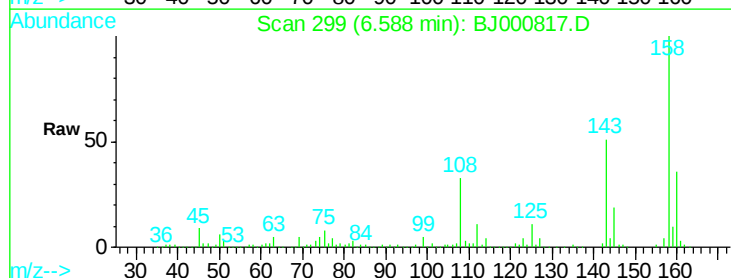
Ion Ratio Lower Upper

158 100

143 51.0 31.0 71.0

108 33.1 13.1 53.1

45 8.9 0.0 28.9



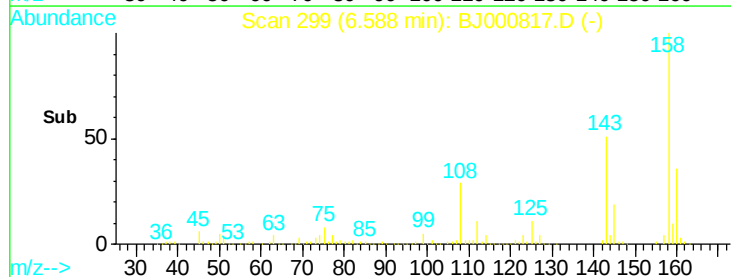
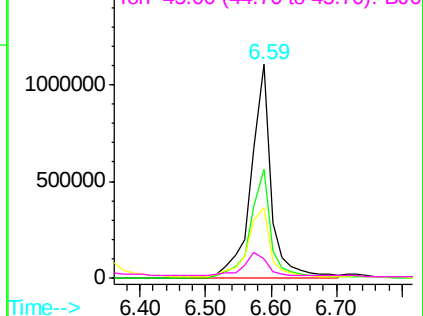
Abundance

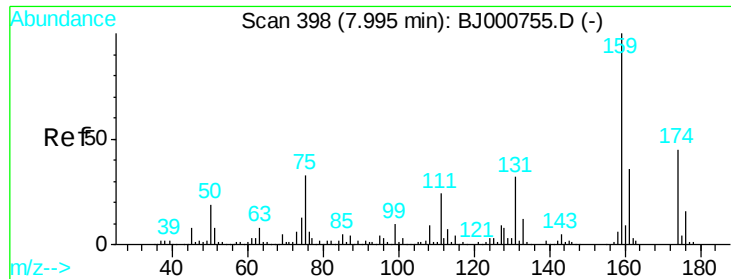
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

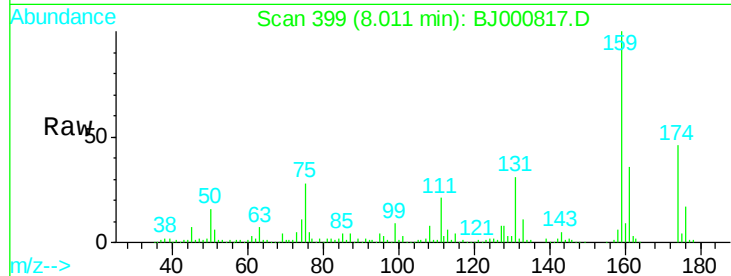
Ion 45.00 (44.70 to 45.70): BJ0





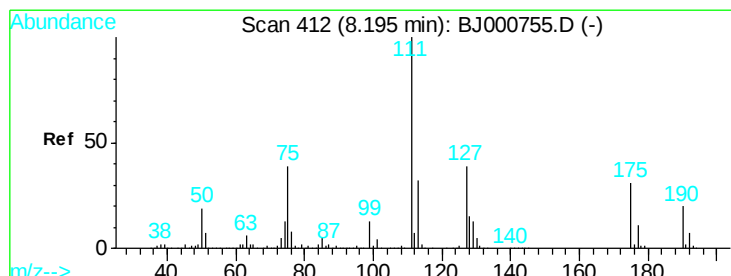
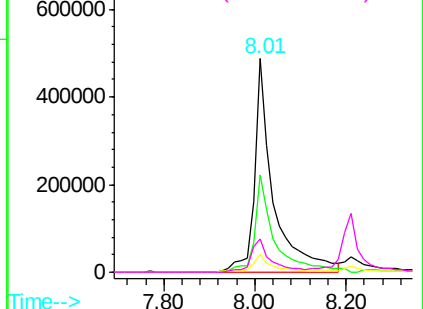
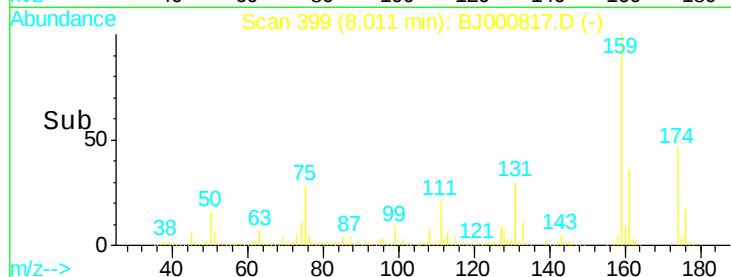
#13
p-Chlorophenylmethylsulfoxide
Concen: 13.81 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. 0.00 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Tgt Ion:159 Resp: 1403450
Ion Ratio Lower Upper
159 100
174 47.6 27.6 67.6
108 8.5 0.0 28.5
50 16.8 0.0 36.8



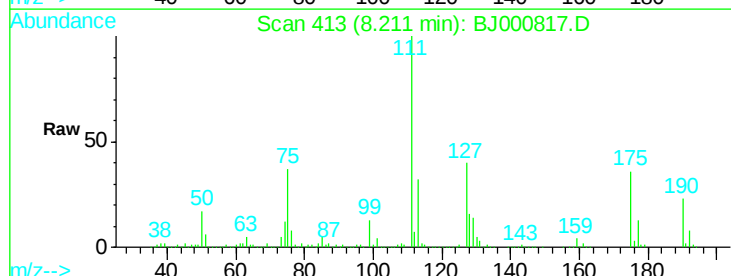
Abundance

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: 12.80 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. 0.00 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Tgt Ion:111 Resp: 1918703
Ion Ratio Lower Upper
111 100
75 36.6 16.6 56.6
127 40.0 20.0 60.0
190 23.4 3.4 43.4



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

