

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000755.D

Vial: 4

Acq On : 17 Apr 2012 13:58

Operator: HLM

Sample : CWA-4

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	4.74	152	278283	2.00	ug/mL	0.00
6) Naphthalene-d8	6.03	136	1134950	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	1050246	2.66	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	532.00%#
12) 2-Bromothioanisole	7.34	204	954191	13.00	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	260.00%#

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.64	94	677066	5.27	ug/mL	100
3) DMMP	3.60	79	226894	3.66	ug/mL	100
4) DIMP	5.01	97	618960	2.66	ug/mL	100
5) 1,4-Oxathiane	3.71	46	608882	6.09	ug/mL	100
7) 1,4-Dithiane	5.19	46	492960	5.98	ug/mL	100
8) Thiodiglycol	5.95	61	3239875	43.78	ug/mL	100
9) Benzothiazole	6.33	135	3794415	12.43	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.59	158	2478370	13.61	ug/mL	100
13) p-Chlorophenylmethyldisulfox	8.00	159	1311300	12.58	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.19	111	1842886	11.01	ug/mL	100

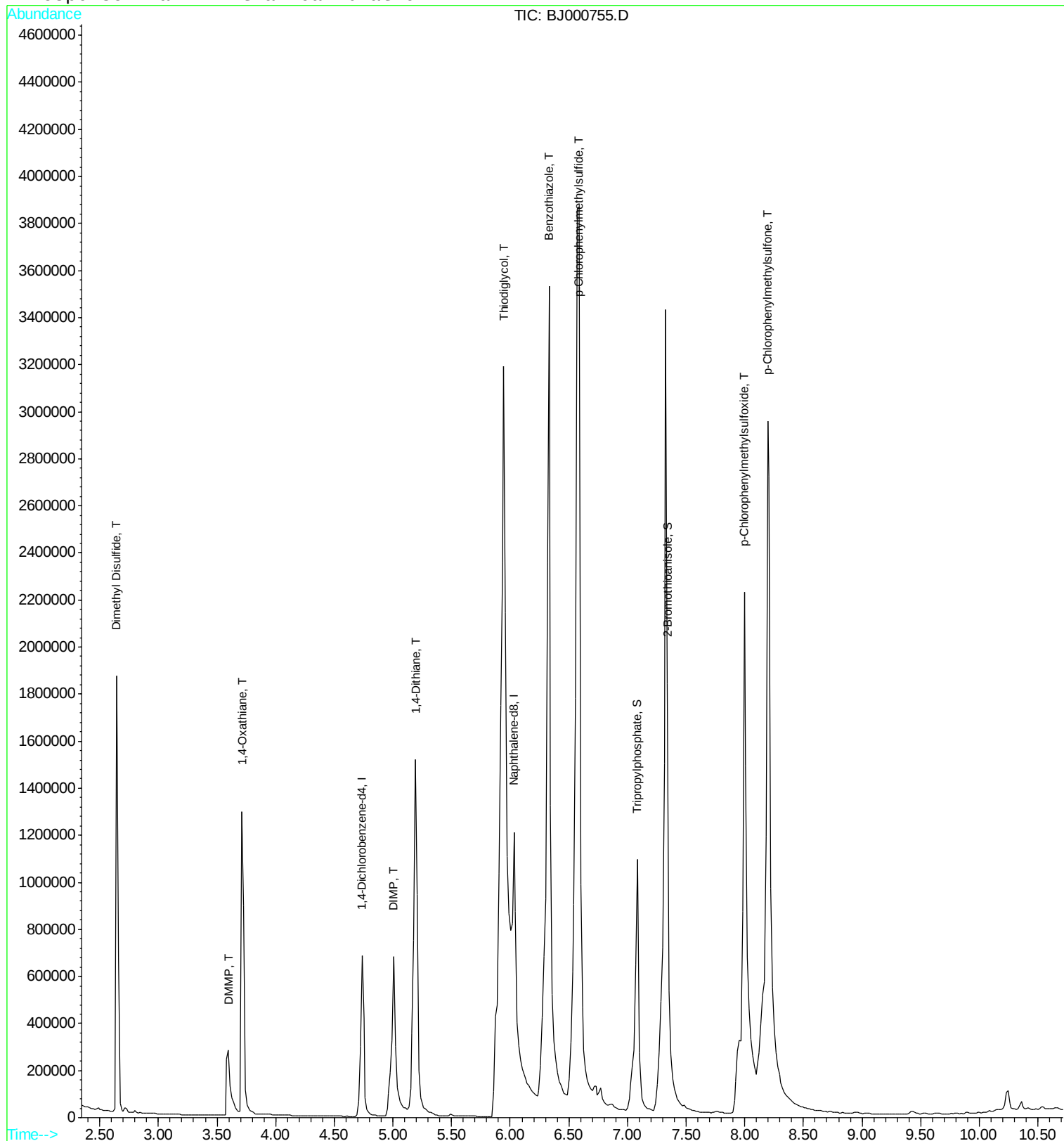
Quantitation Report

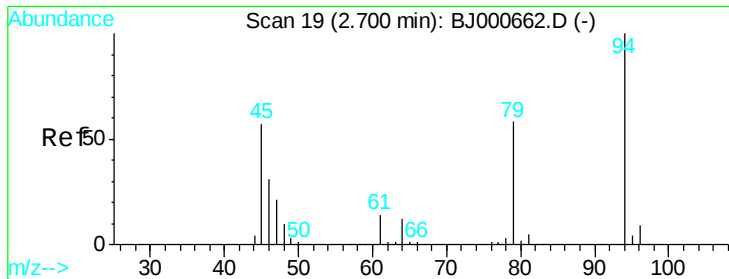
Data File : H:\VOL1\GCMSDATA\J\120417\BJ000755.D
Acq On : 17 Apr 2012 13:58
Sample : CWA-4
Misc : BNA J HLM
MS Integration Params: rteint.p
Quant Time: Apr 17 16:49 2012

Vial: 4
Operator: HLM
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Multiplr: 1.00

Quant Results File: BJ041712.RES

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





#2

Dimethyl Disulfide

Concen: 5.27 ug/mL

RT: 2.64 min Scan# 22

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

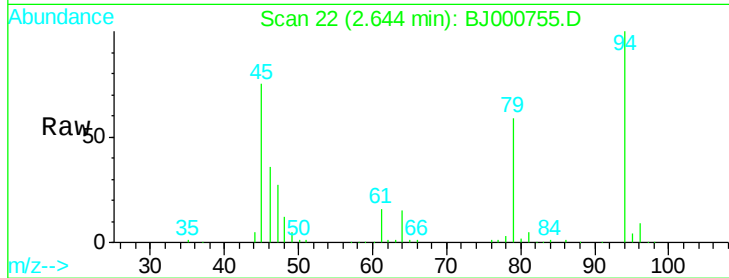
Tgt Ion: 94 Resp: 677066

Ion Ratio Lower Upper

94 100

45 74.7 54.7 94.7

79 58.8 38.8 78.8

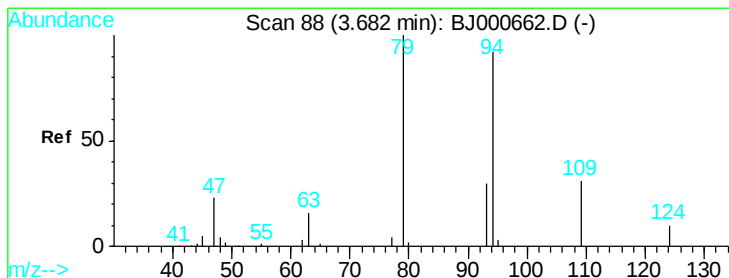
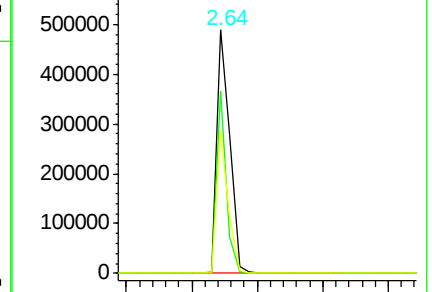
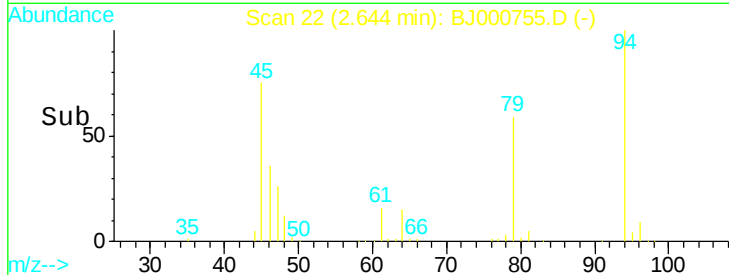


Abundance

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: 3.66 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

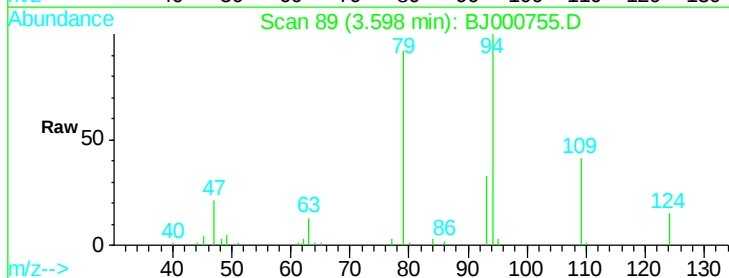
Tgt Ion: 79 Resp: 226894

Ion Ratio Lower Upper

79 100

94 108.2 88.2 128.2

109 44.6 24.6 64.6

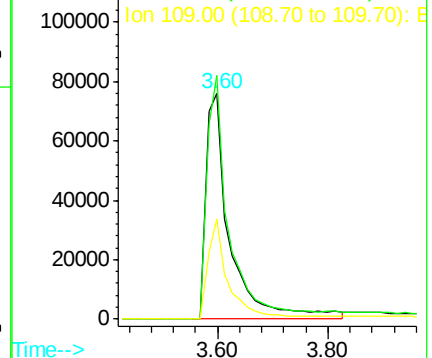
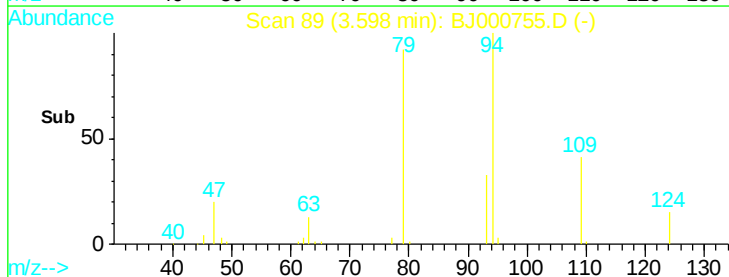


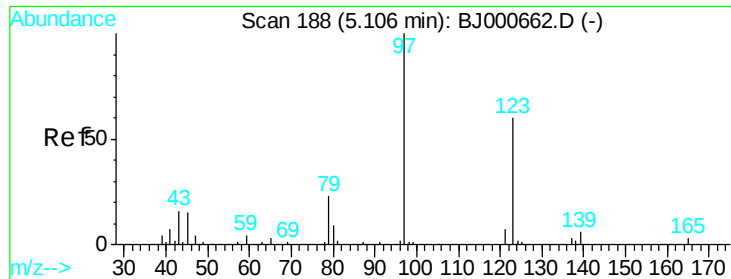
Abundance

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: 2.66 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

Tgt Ion: 97 Resp: 618960

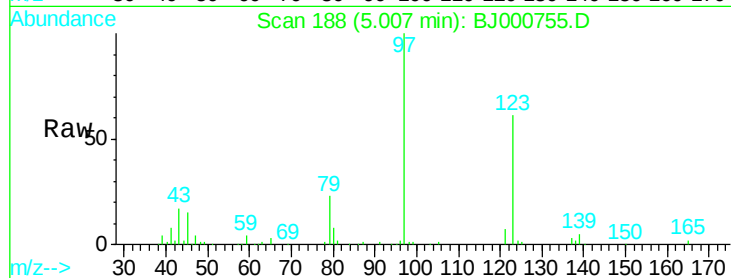
Ion Ratio Lower Upper

97 100

123 61.1 41.1 81.1

43 16.9 0.0 36.9

41 8.2 0.0 28.2

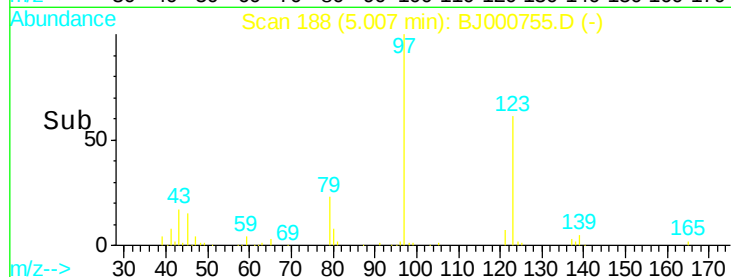


Abundance Ion 97.00 (96.70 to 97.70): BJ0

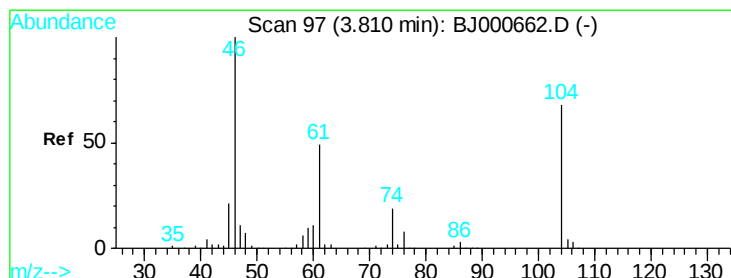
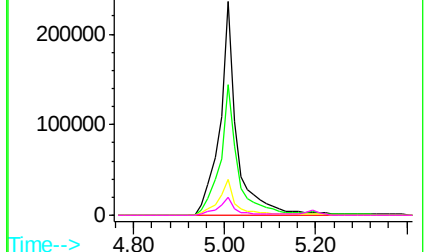
Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



Time-->



#5

1,4-Oxathiane

Concen: 6.09 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

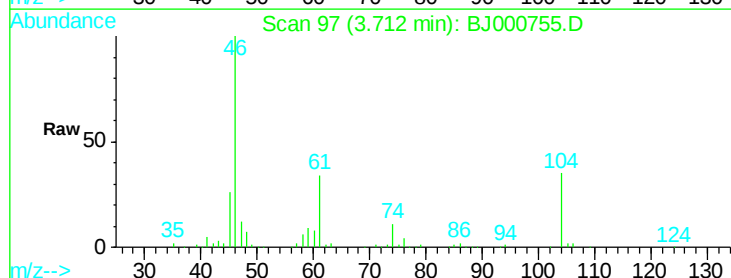
Tgt Ion: 46 Resp: 608882

Ion Ratio Lower Upper

46 100

61 33.9 13.9 53.9

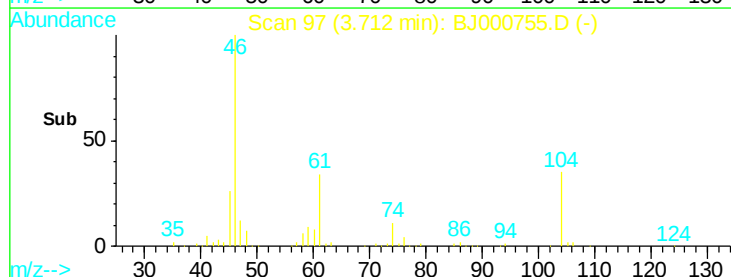
104 34.6 14.6 54.6



Abundance Ion 46.00 (45.70 to 46.70): BJ0

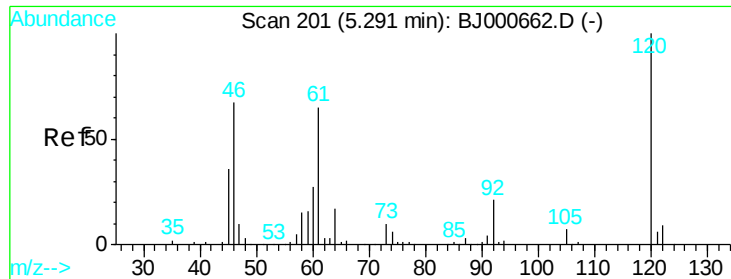
Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



Time-->





#7

1,4-Dithiane

Concen: 5.98 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

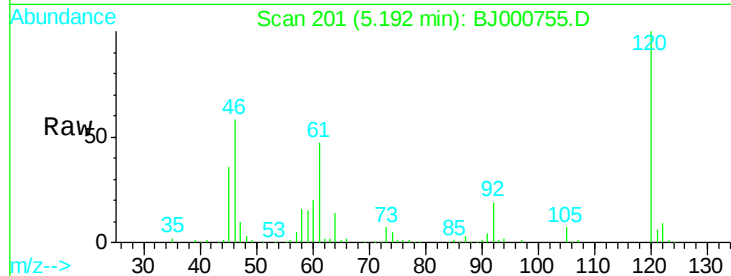
Tgt Ion: 46 Resp: 492960

Ion Ratio Lower Upper

46 100

61 81.1 61.1 101.1

120 172.3 152.3 192.3

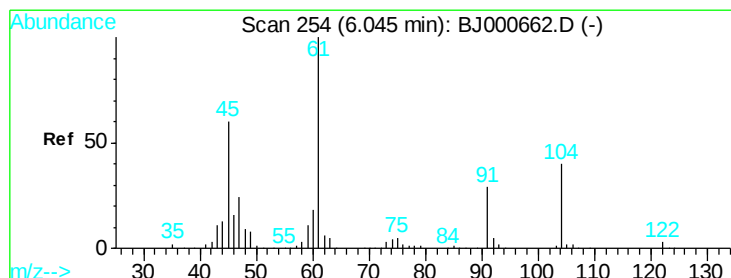
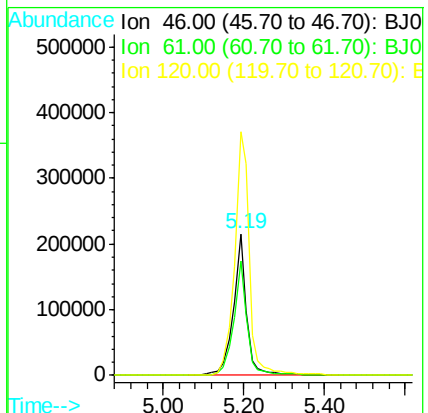
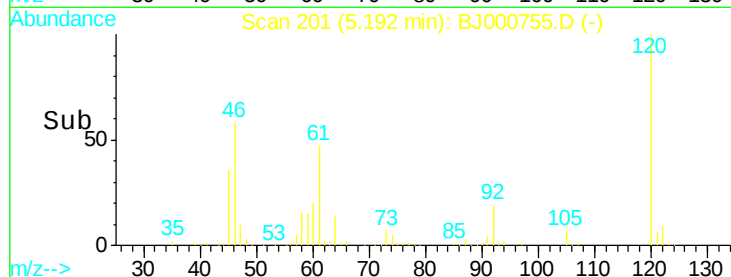


Abundance

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: 43.78 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

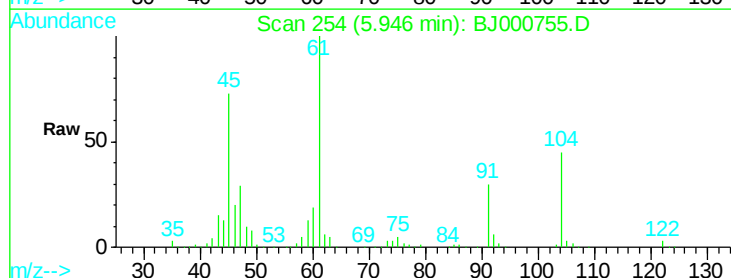
Tgt Ion: 61 Resp: 3239875

Ion Ratio Lower Upper

61 100

45 73.3 53.3 93.3

47 29.3 9.3 49.3

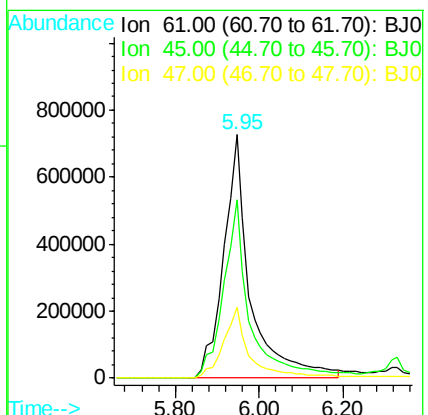
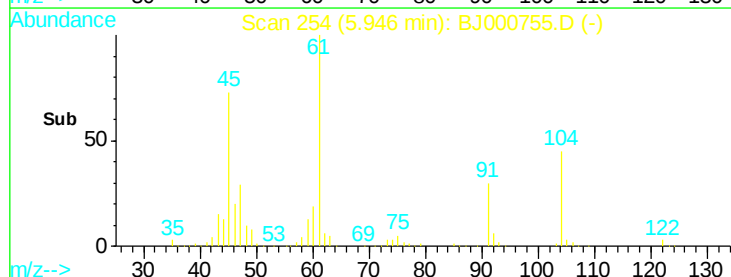


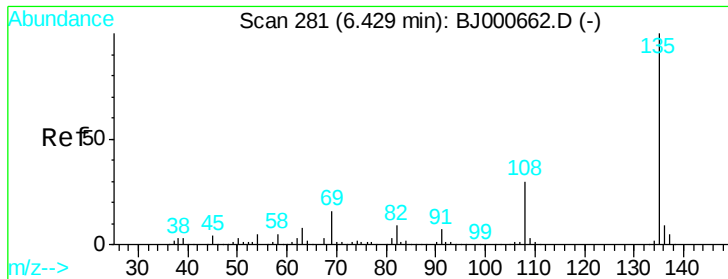
Abundance

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: 12.43 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

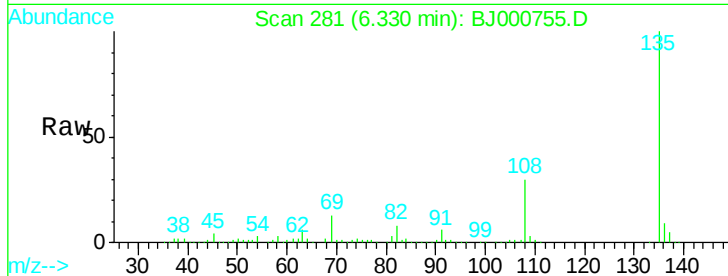
Tgt Ion:135 Resp: 3794415

Ion Ratio Lower Upper

135 100

108 29.9 9.9 49.9

69 12.5 0.0 32.5

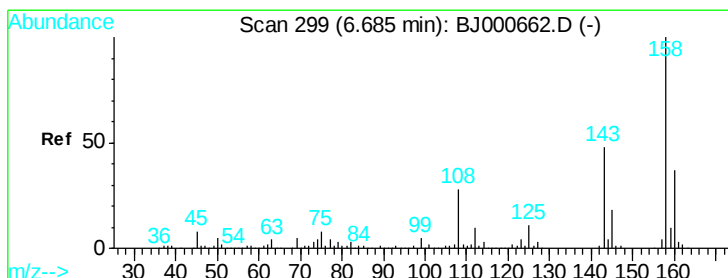
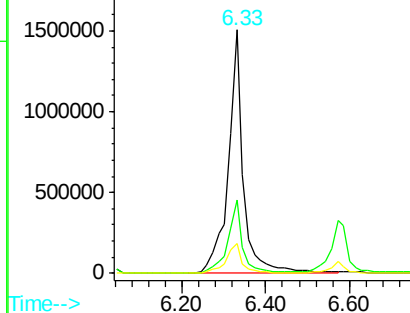
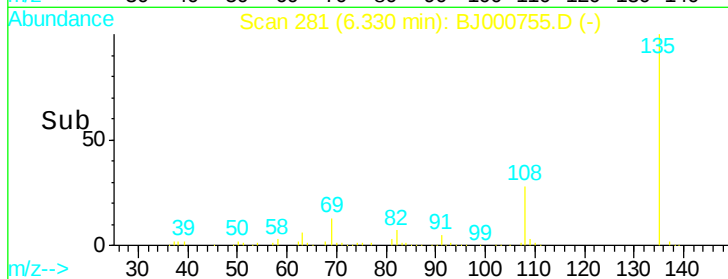


Abundance

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: 13.61 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000755.D

Acq: 17 Apr 2012 13:58

Tgt Ion:158 Resp: 2478370

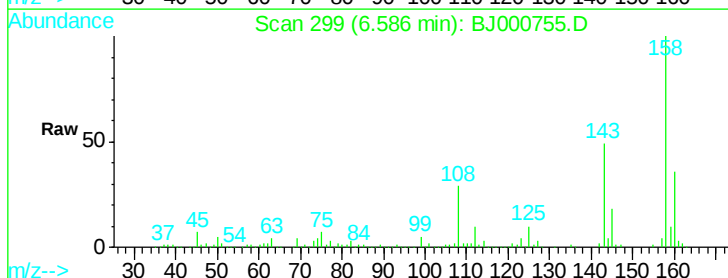
Ion Ratio Lower Upper

158 100

143 48.9 28.9 68.9

108 28.9 8.9 48.9

45 7.0 0.0 27.0



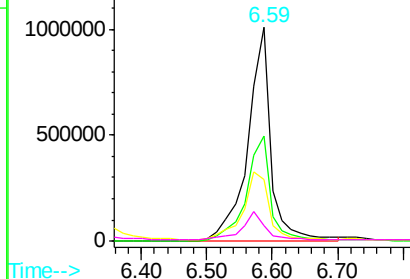
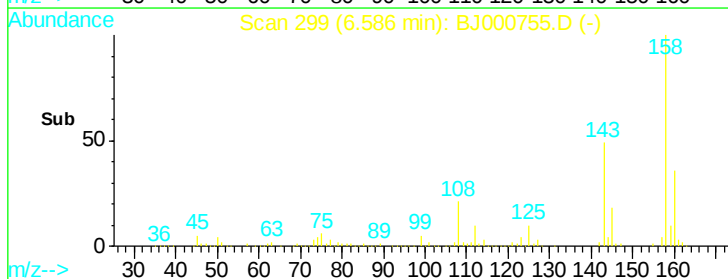
Abundance

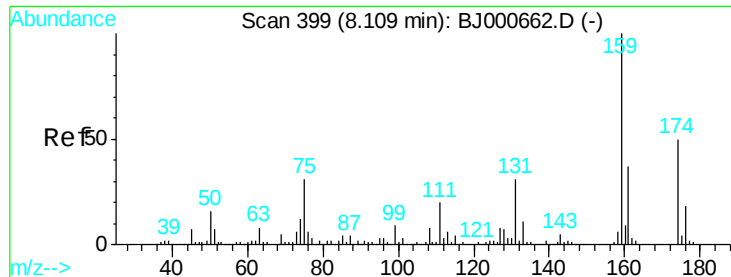
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

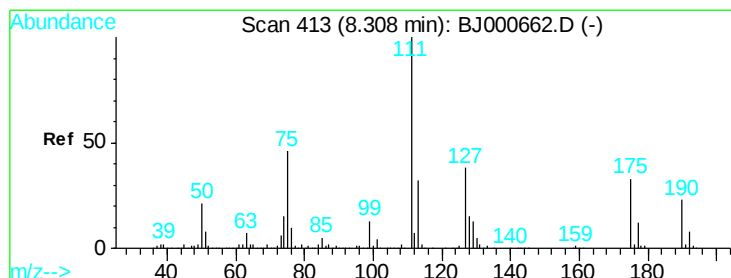
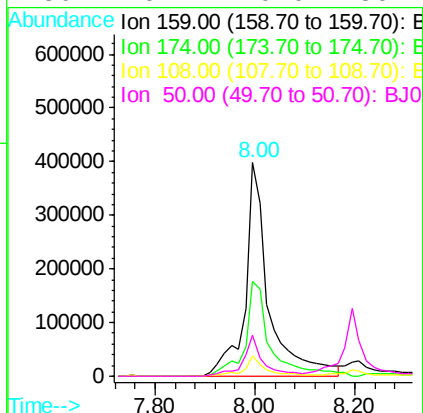
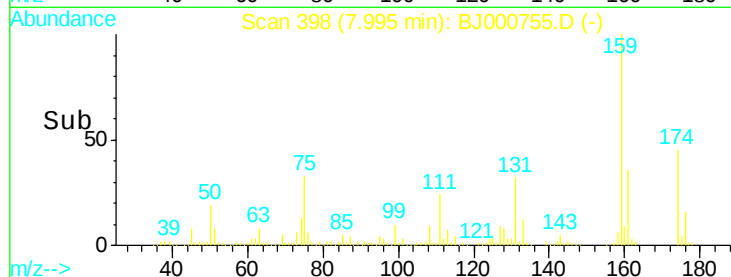
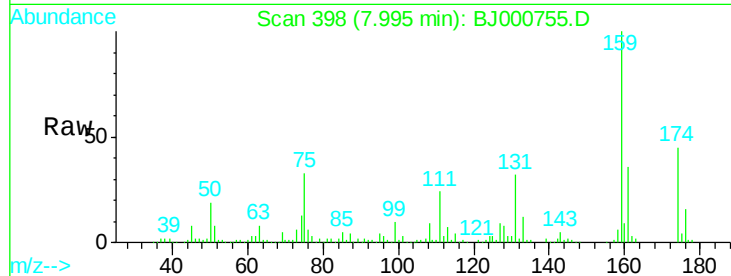
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.58 ug/mL
RT: 8.00 min Scan# 398
Delta R.T. 0.00 min
Lab File: BJ000755.D
Acq: 17 Apr 2012 13:58

Tgt Ion:159 Resp: 1311300
Ion Ratio Lower Upper
159 100
174 47.3 27.3 67.3
108 8.2 0.0 28.2
50 16.4 0.0 36.4



#14
p-Chlorophenylmethylsulfone
Concen: 11.01 ug/mL
RT: 8.19 min Scan# 412
Delta R.T. 0.00 min
Lab File: BJ000755.D
Acq: 17 Apr 2012 13:58

Tgt Ion:111 Resp: 1842886
Ion Ratio Lower Upper
111 100
75 40.1 20.1 60.1
127 38.5 18.5 58.5
190 19.5 0.0 39.5

