

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000757.D

Vial: 6

Acq On : 17 Apr 2012 14:34

Operator: HLM

Sample : CWA-2

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	280779	2.00	ug/mL	0.00
6) Naphthalene-d8	6.03	136	1151957	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	73096	0.18	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	36.00%#
12) 2-Bromothioanisole	7.34	204	76147	1.02	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	20.40%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.67	94	52703	0.41	ug/mL 97
3) DMMP	3.60	79	11559	0.18	ug/mL 93
4) DIMP	5.01	97	36866	0.16	ug/mL 98
5) 1,4-Oxathiane	3.71	46	52125	0.52	ug/mL 95
7) 1,4-Dithiane	5.19	46	36814	0.44	ug/mL 90
8) Thiodiglycol	5.96	61	120636	3.45	ug/mL 95
9) Benzothiazole	6.33	135	290549	0.94	ug/mL 98
11) p-Chlorophenylmethyldisulfid	6.59	158	212212	1.15	ug/mL 91
13) p-Chlorophenylmethyldisulfox	8.01	159	74477	0.70	ug/mL 96
14) p-Chlorophenylmethyldisulfon	8.20	111	142039	0.84	ug/mL 99

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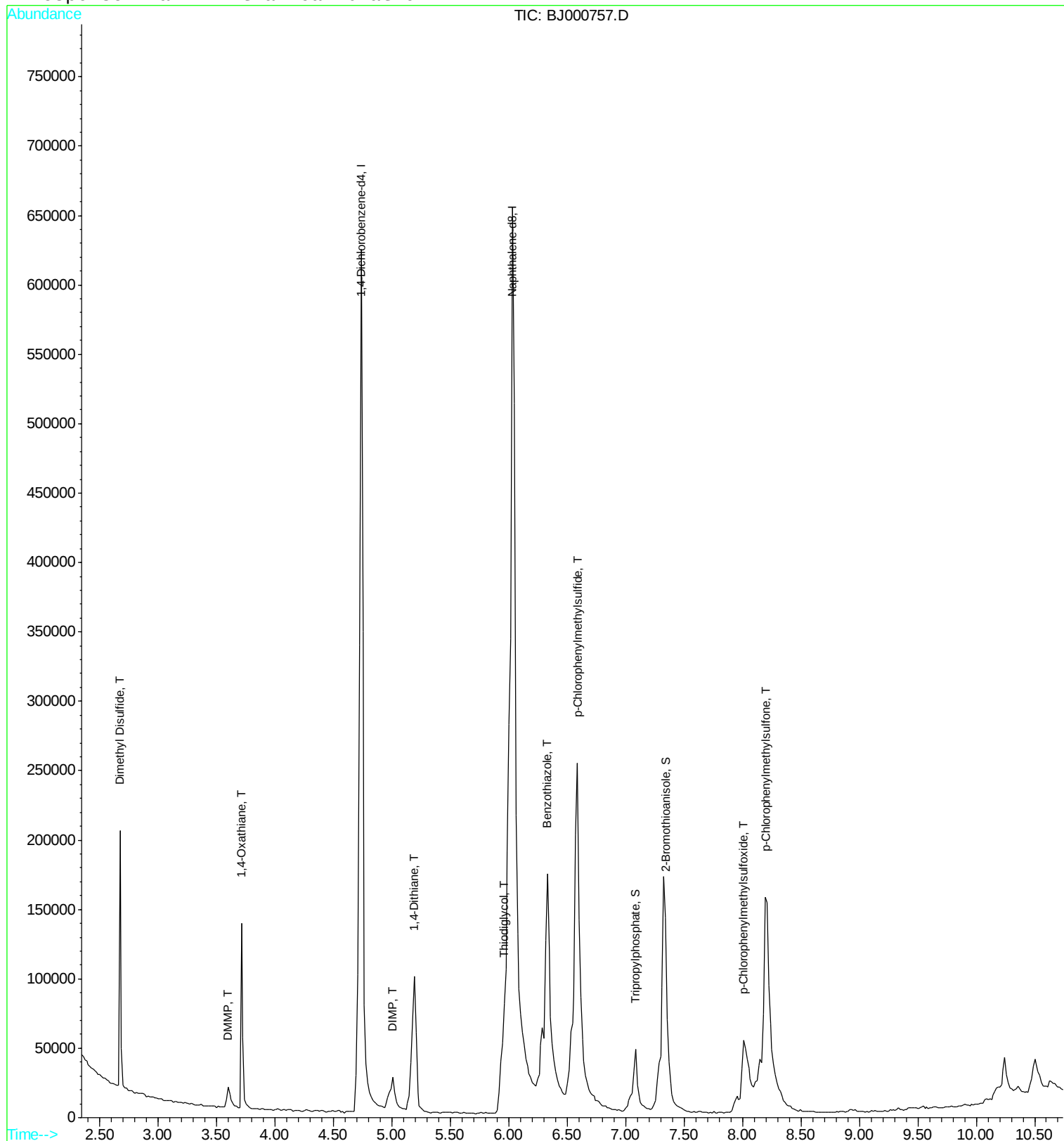
Quant Results File: BJ041712.RES

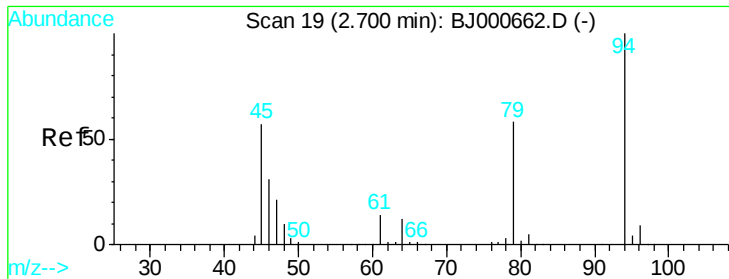
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

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#2

Dimethyl Disulfide

Concen: 0.41 ug/mL

RT: 2.67 min Scan# 24

Delta R.T. 0.03 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

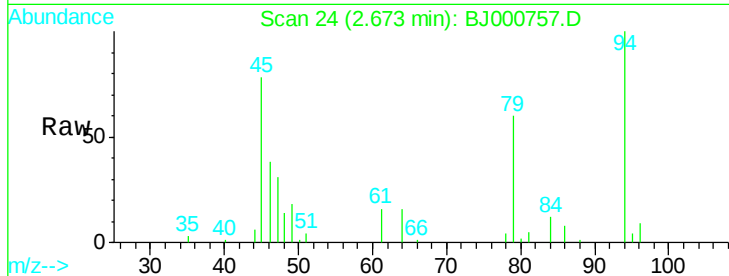
Tgt Ion: 94 Resp: 52703

Ion Ratio Lower Upper

94 100

45 78.1 54.7 94.7

79 59.9 38.8 78.8

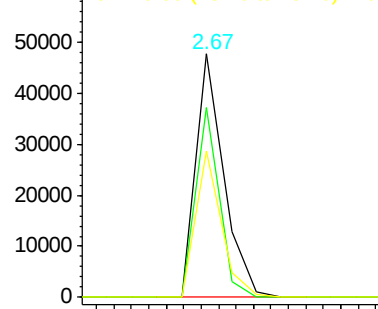


Abundance

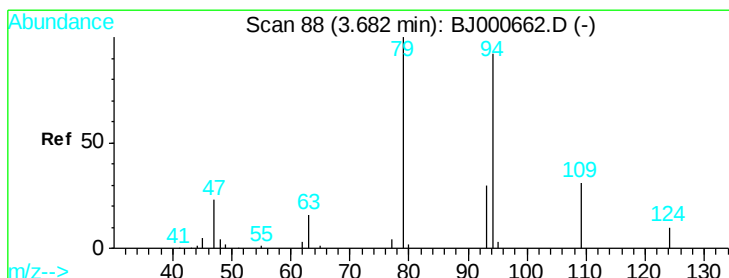
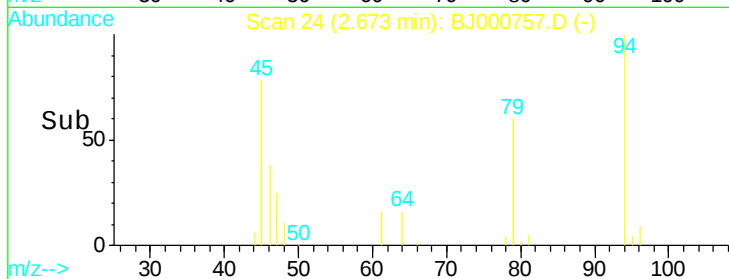
Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



Time-->



#3

DMMP

Concen: 0.18 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. 0.00 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

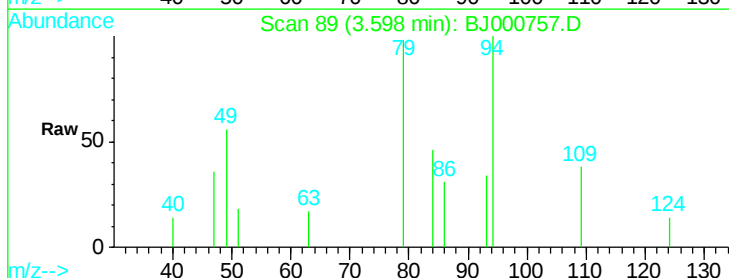
Tgt Ion: 79 Resp: 11559

Ion Ratio Lower Upper

79 100

94 101.9 88.2 128.2

109 39.1 24.6 64.6

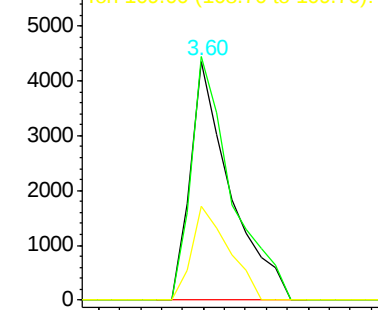


Abundance

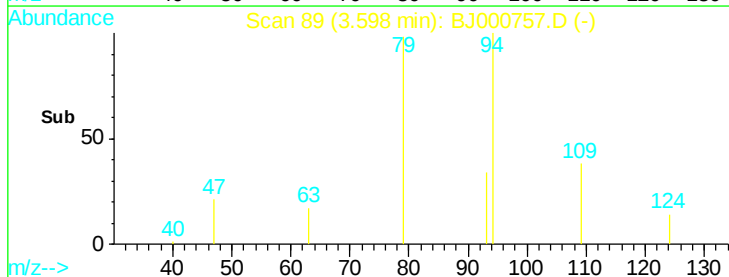
Ion 79.00 (78.70 to 79.70): BJ0

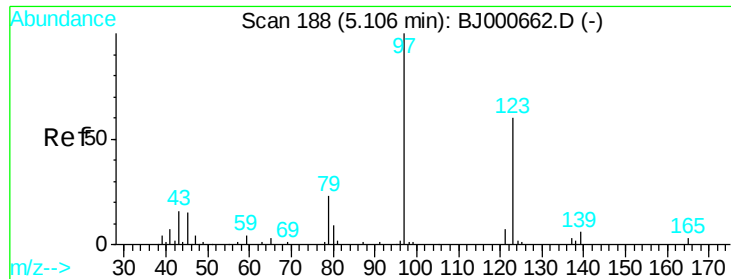
Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



Time-->





#4

DIMP

Concen: 0.16 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. 0.00 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

Tgt Ion: 97 Resp: 36866

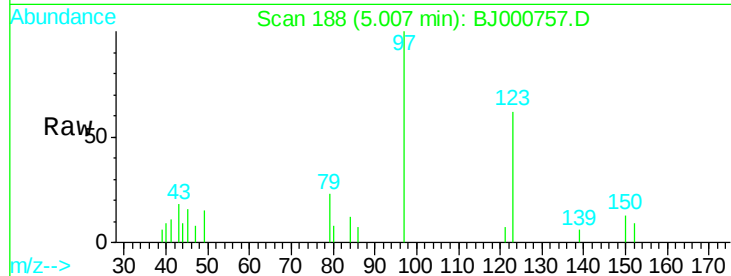
Ion Ratio Lower Upper

97 100

123 61.9 41.1 81.1

43 17.8 0.0 36.9

41 11.2 0.0 28.2

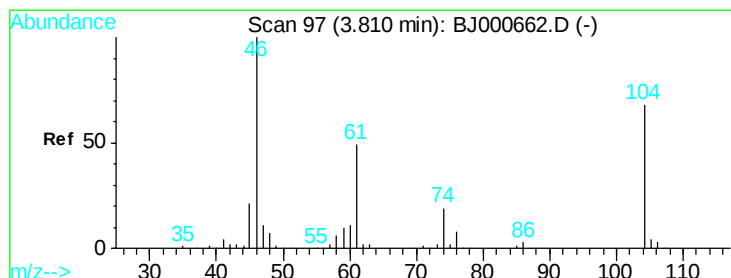
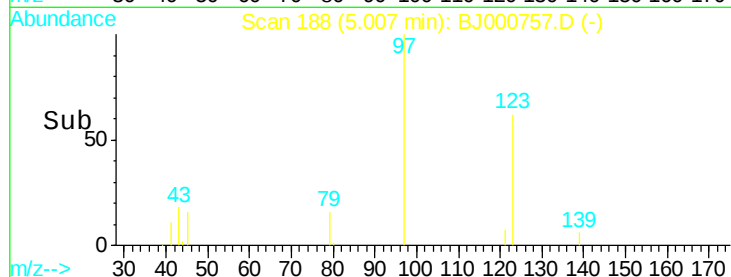
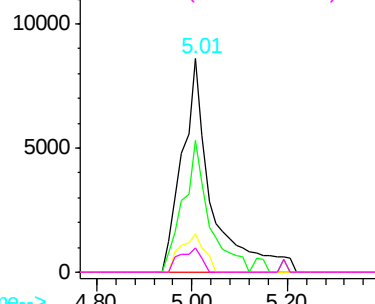


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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



#5

1,4-Oxathiane

Concen: 0.52 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. 0.00 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

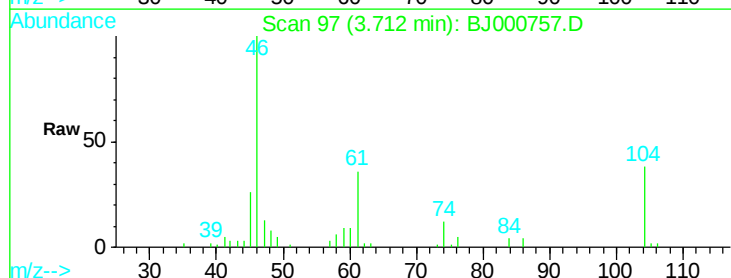
Tgt Ion: 46 Resp: 52125

Ion Ratio Lower Upper

46 100

61 35.7 13.9 53.9

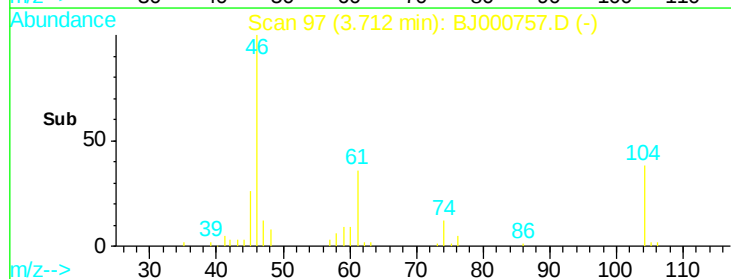
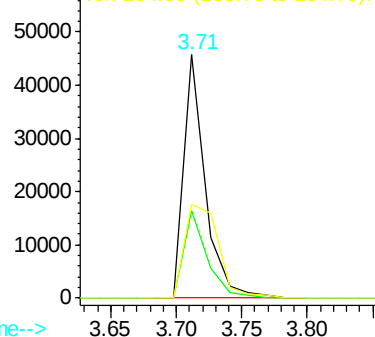
104 38.3 14.6 54.6

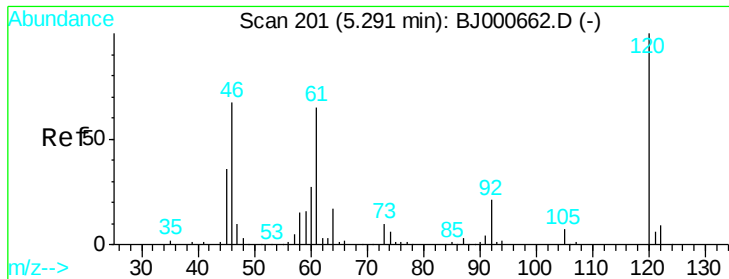


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 0.44 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

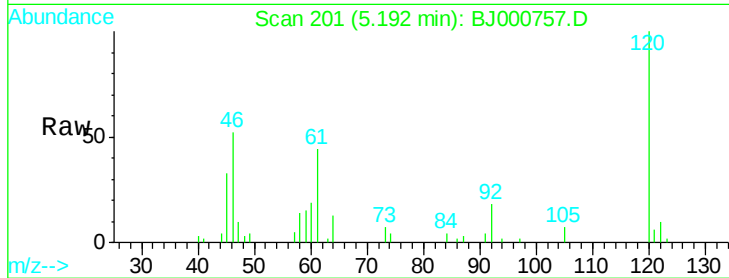
Tgt Ion: 46 Resp: 36814

Ion Ratio Lower Upper

46 100

61 84.3 61.1 101.1

120 191.0 152.3 192.3

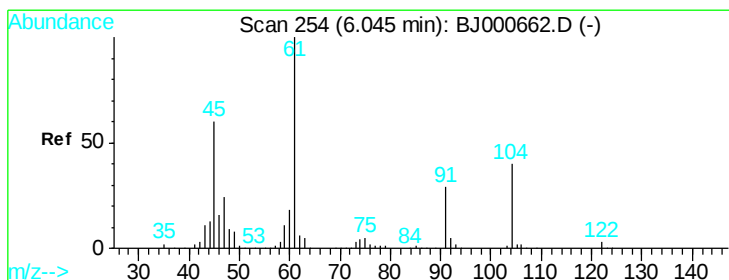
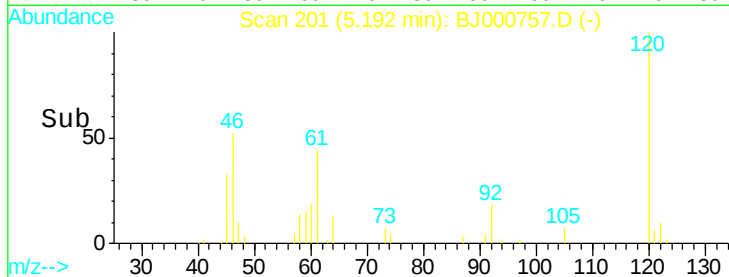
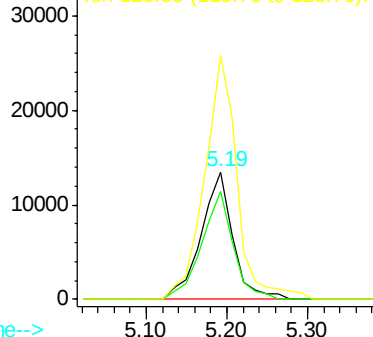


Abundance

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: 3.45 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. 0.01 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

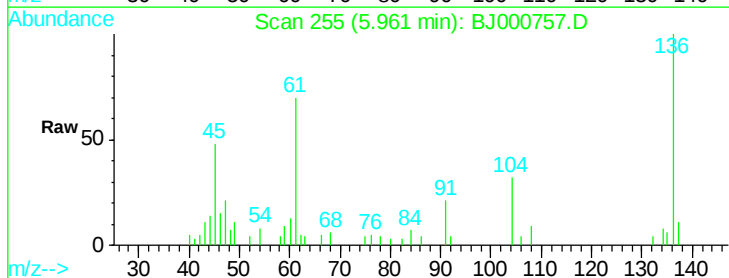
Tgt Ion: 61 Resp: 120636

Ion Ratio Lower Upper

61 100

45 67.7 53.3 93.3

47 29.5 9.3 49.3

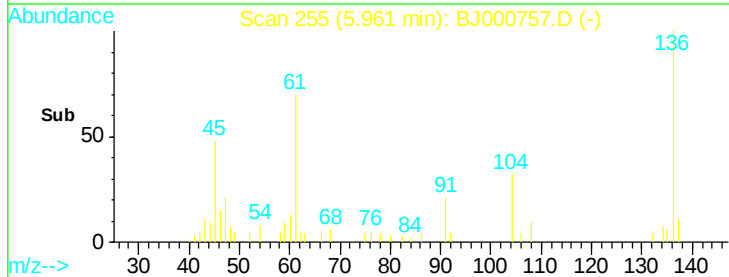
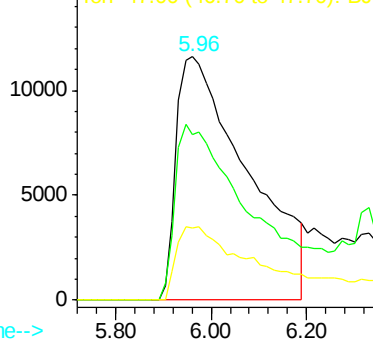


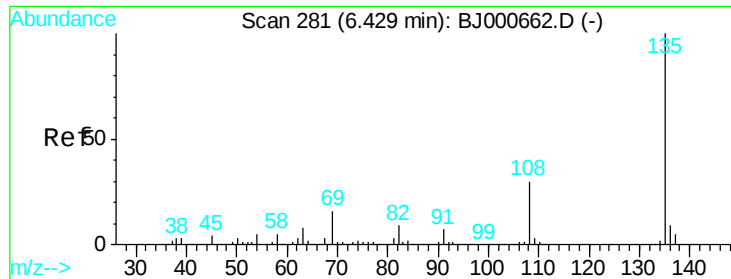
Abundance

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: 0.94 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. 0.00 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

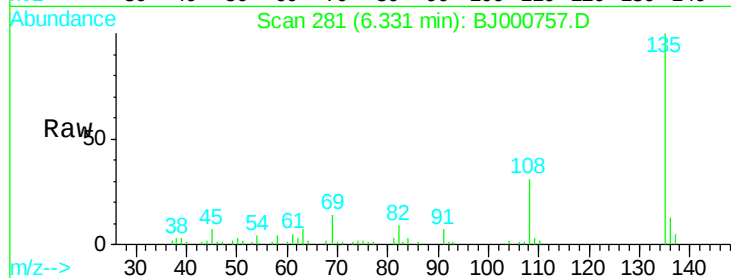
Tgt Ion:135 Resp: 290549

Ion Ratio Lower Upper

135 100

108 30.7 9.9 49.9

69 13.8 0.0 32.5

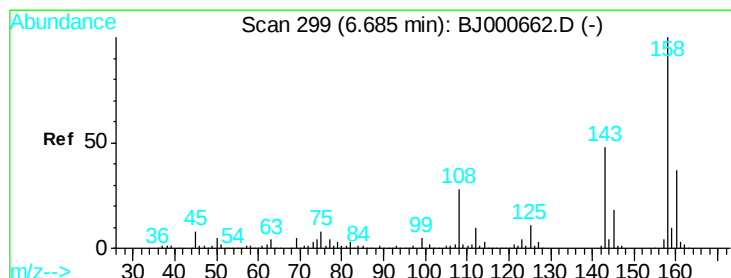
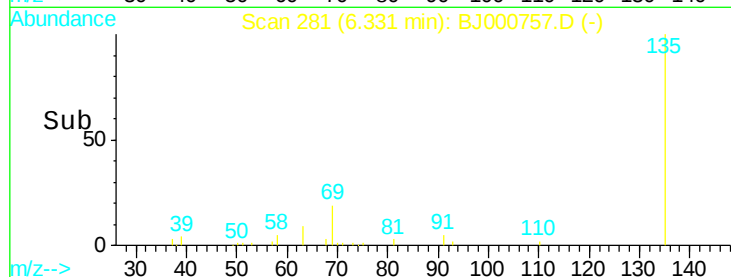
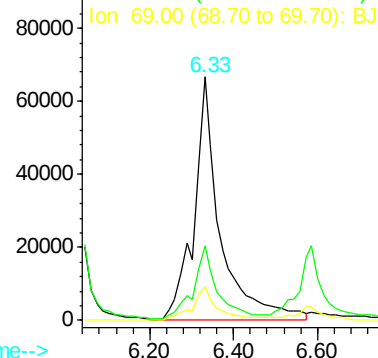


Abundance

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: 1.15 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000757.D

Acq: 17 Apr 2012 14:34

Tgt Ion:158 Resp: 212212

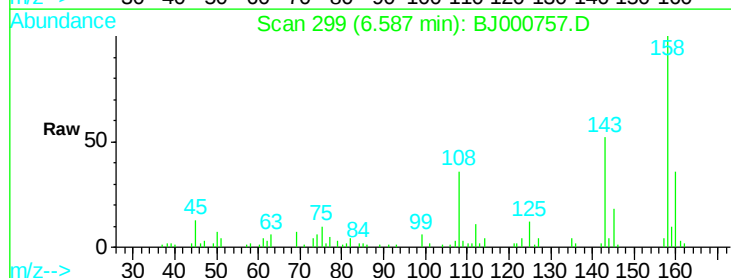
Ion Ratio Lower Upper

158 100

143 52.2 28.9 68.9

108 35.6 8.9 48.9

45 12.9 0.0 27.0



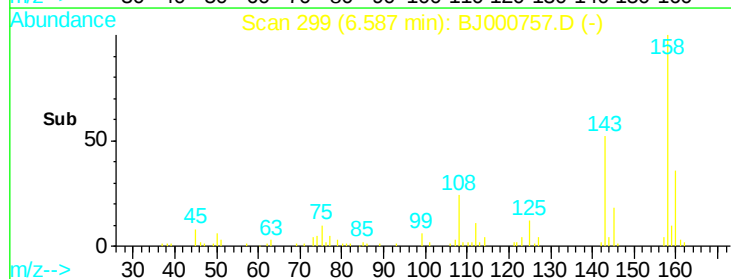
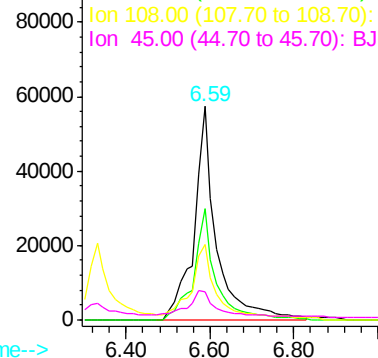
Abundance

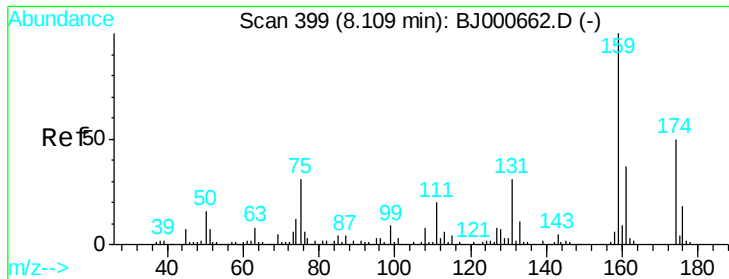
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

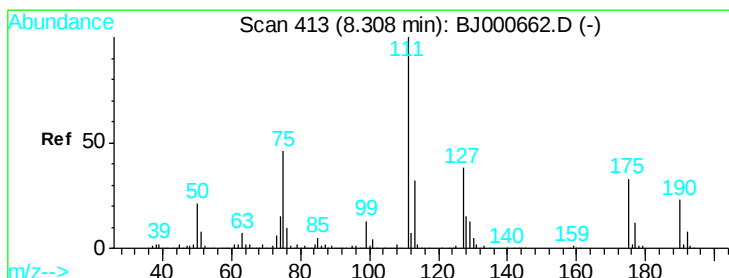
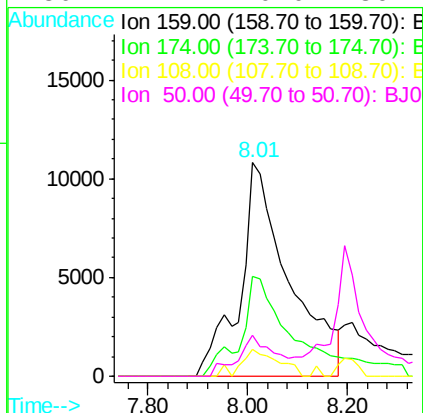
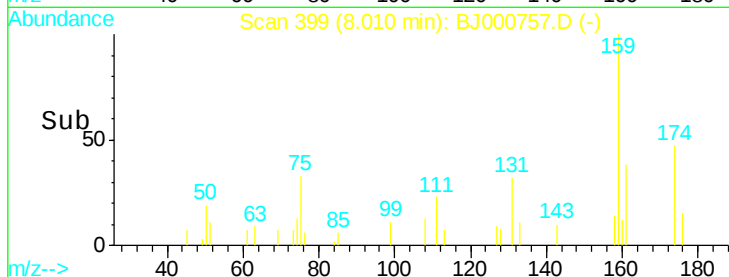
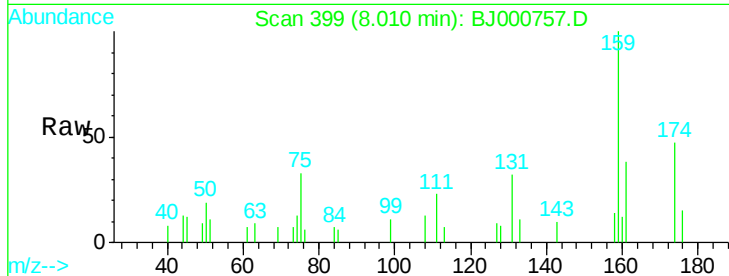
Ion 45.00 (44.70 to 45.70): BJ0





#13
 p-Chlorophenylmethylsulfoxide
 Concen: 0.70 ug/mL
 RT: 8.01 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BJ000757.D
 Acq: 17 Apr 2012 14:34

Tgt Ion:	159	Resp:	74477
Ion	Ratio	Lower	Upper
159	100		
174	49.6	27.3	67.3
108	9.5	0.0	28.2
50	14.1	0.0	36.4



#14
 p-Chlorophenylmethylsulfone
 Concen: 0.84 ug/mL
 RT: 8.20 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BJ000757.D
 Acq: 17 Apr 2012 14:34

Tgt Ion:	111	Resp:	142039
Ion	Ratio	Lower	Upper
111	100		
75	39.8	20.1	60.1
127	38.9	18.5	58.5
190	20.5	0.0	39.5

