

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000756.D

Vial: 5

Acq On : 17 Apr 2012 14:16

Operator: HLM

Sample : CWA-3

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	4.75	152	273136	2.00	ug/mL	0.01
6) Naphthalene-d8	6.04	136	1103466	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	190254	0.50	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
12) 2-Bromothioanisole	7.34	204	199255	2.79	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.80%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.69	94	113039	0.90	ug/mL# 52
3) DMMP	3.60	79	37708	0.62	ug/mL 95
4) DIMP	5.01	97	103038	0.45	ug/mL 95
5) 1,4-Oxathiane	3.71	46	117900	1.20	ug/mL 89
7) 1,4-Dithiane	5.19	46	97744	1.22	ug/mL 92
8) Thiodiglycol	5.93	61	468060	8.14	ug/mL 97
9) Benzothiazole	6.33	135	760237	2.56	ug/mL 98
11) p-Chlorophenylmethyldisulfide	6.59	158	529584	2.99	ug/mL 92
13) p-Chlorophenylmethyldisulfox	8.01	159	226201	2.23	ug/mL 96
14) p-Chlorophenylmethyldisulfon	8.19	111	356692	2.19	ug/mL 99

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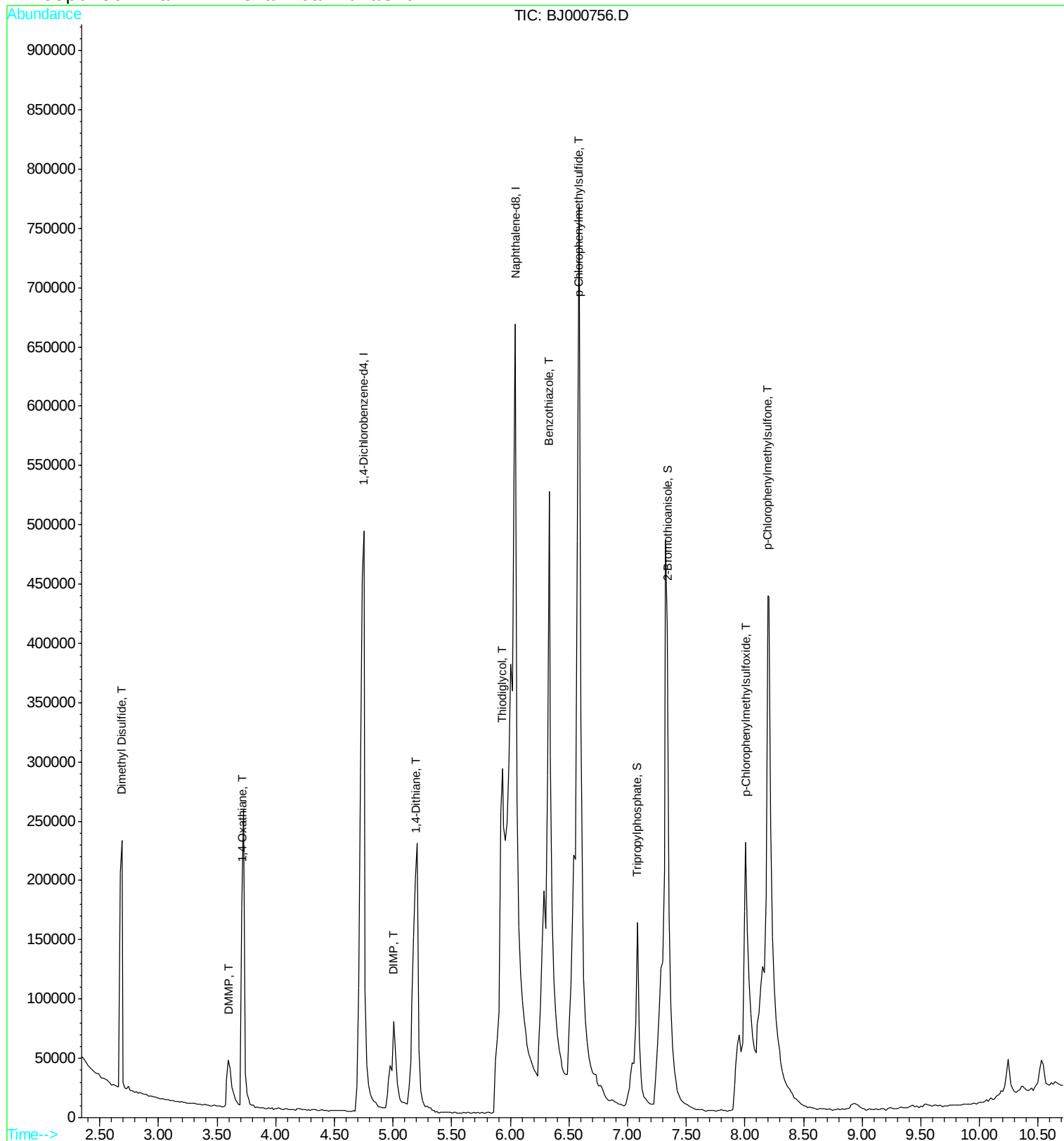
Quant Results File: BJ041712.RES

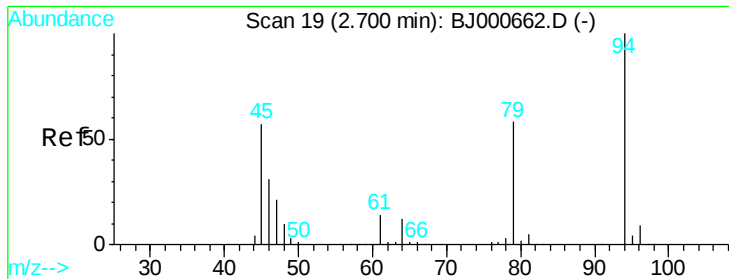
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

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#2

Dimethyl Disulfide

Concen: 0.90 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.04 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

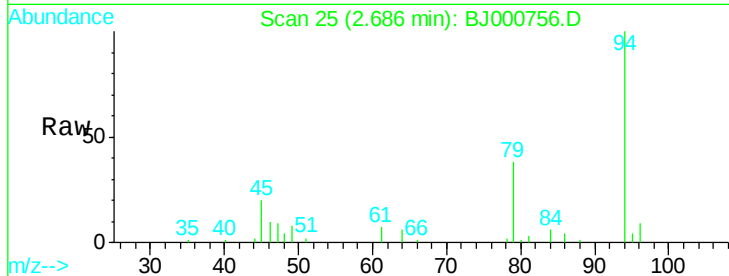
Tgt Ion: 94 Resp: 113039

Ion Ratio Lower Upper

94 100

45 19.8 54.7 94.7#

79 38.3 38.8 78.8#

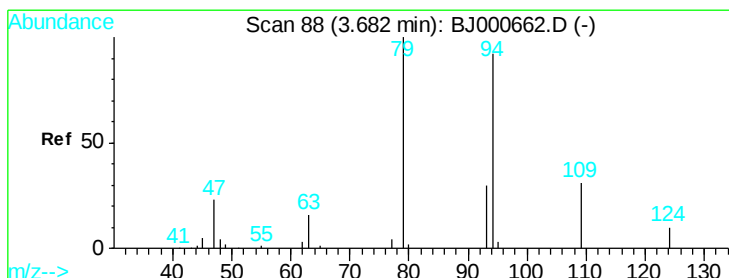
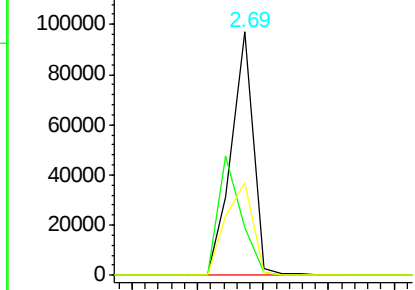
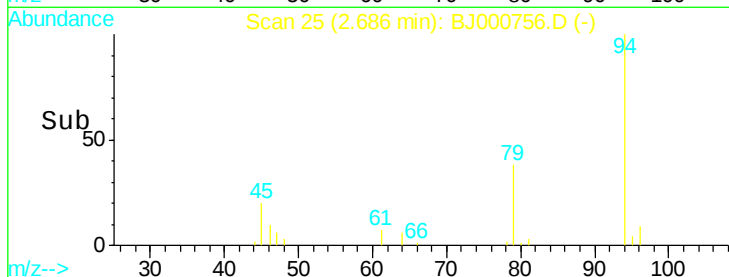


Abundance

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: 0.62 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.00 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

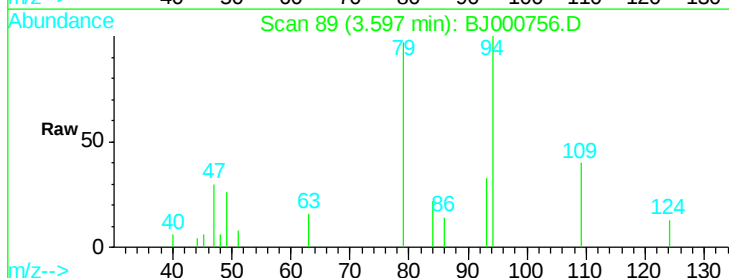
Tgt Ion: 79 Resp: 37708

Ion Ratio Lower Upper

79 100

94 102.8 88.2 128.2

109 40.7 24.6 64.6

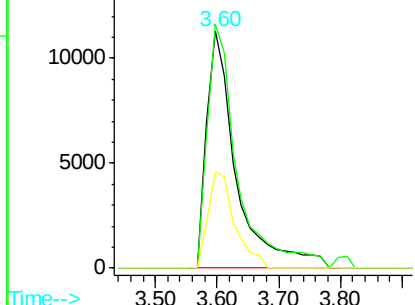
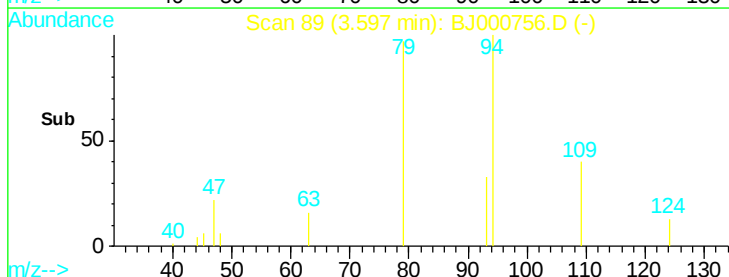


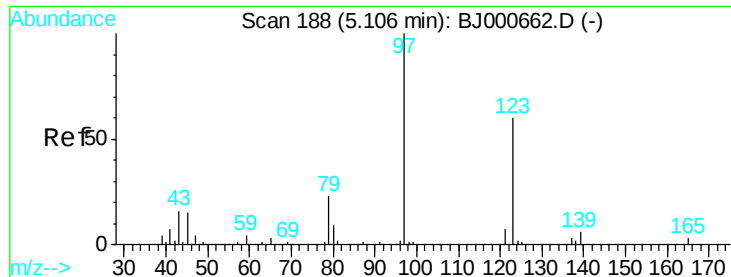
Abundance

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: 0.45 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. -0.00 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

Tgt Ion: 97 Resp: 103038

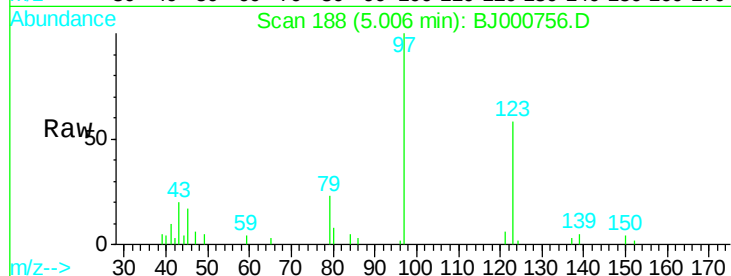
Ion Ratio Lower Upper

97 100

123 57.8 41.1 81.1

43 19.6 0.0 36.9

41 10.2 0.0 28.2



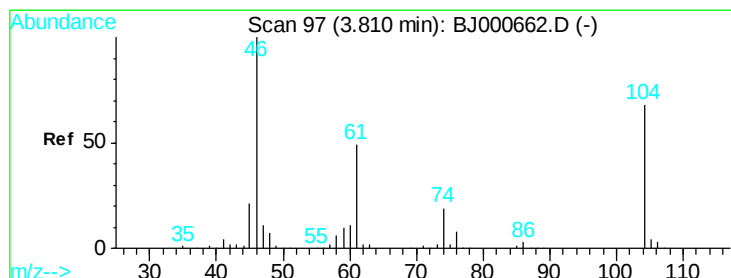
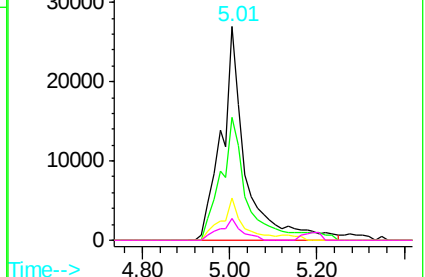
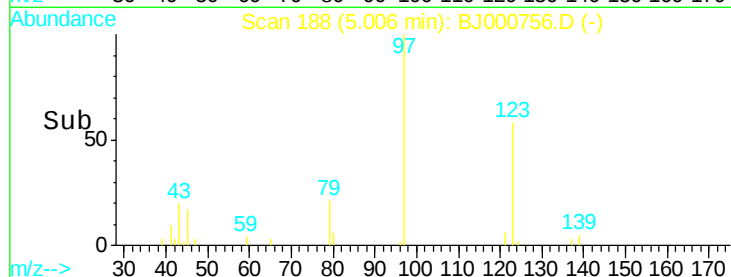
Abundance

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: 1.20 ug/mL

RT: 3.71 min Scan# 97

Delta R.T. -0.00 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

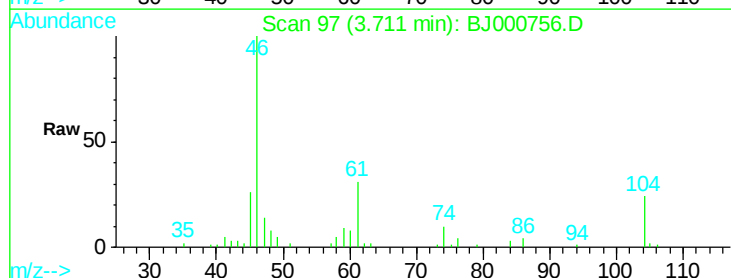
Tgt Ion: 46 Resp: 117900

Ion Ratio Lower Upper

46 100

61 31.3 13.9 53.9

104 24.1 14.6 54.6

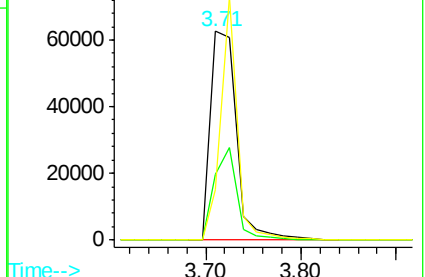
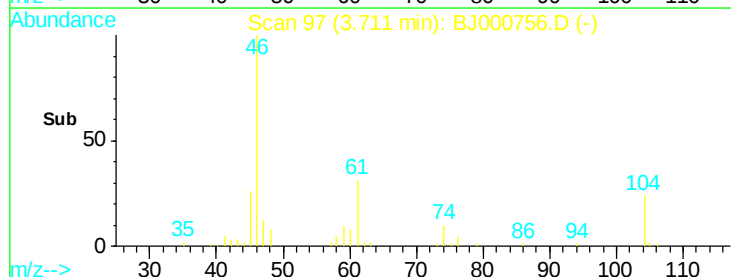


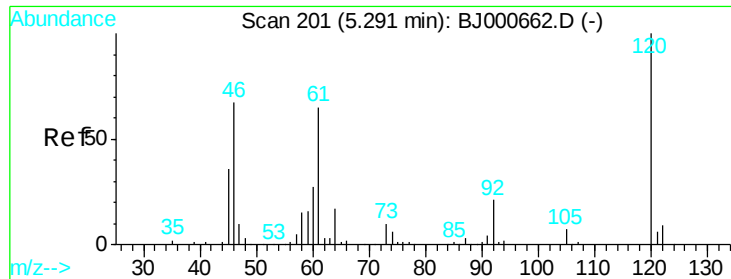
Abundance

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: 1.22 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. -0.00 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

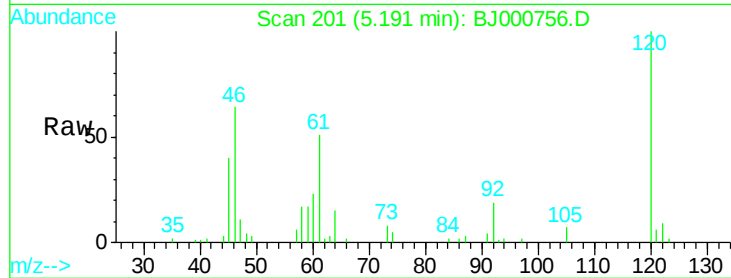
Tgt Ion: 46 Resp: 97744

Ion Ratio Lower Upper

46 100

61 80.1 61.1 101.1

120 156.0 152.3 192.3

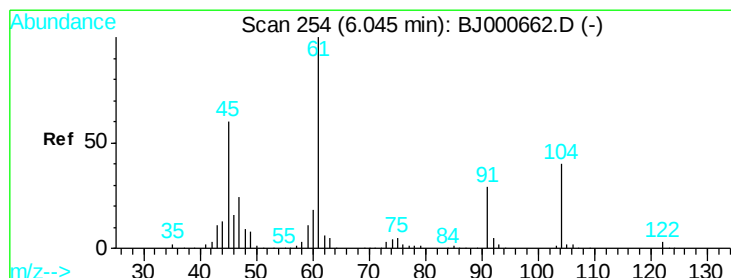
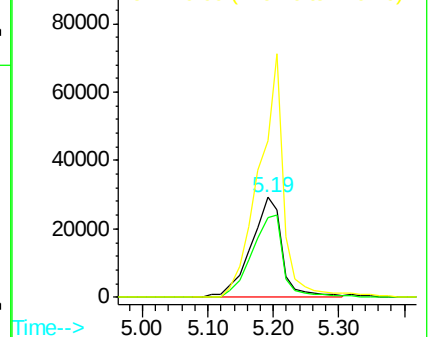
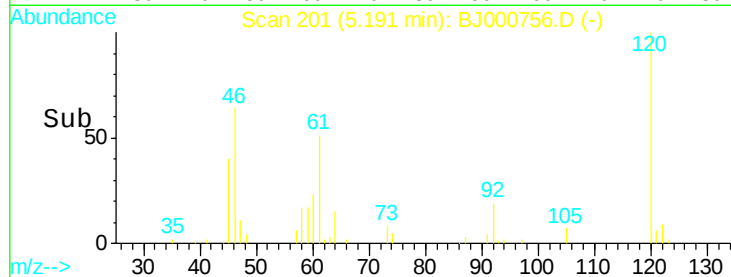


Abundance

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: 8.14 ug/mL

RT: 5.93 min Scan# 253

Delta R.T. -0.02 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

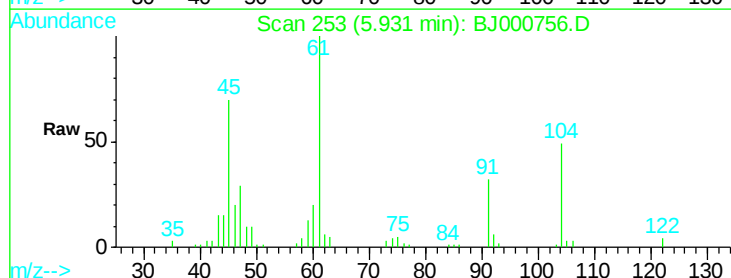
Tgt Ion: 61 Resp: 468060

Ion Ratio Lower Upper

61 100

45 70.2 53.3 93.3

47 29.4 9.3 49.3

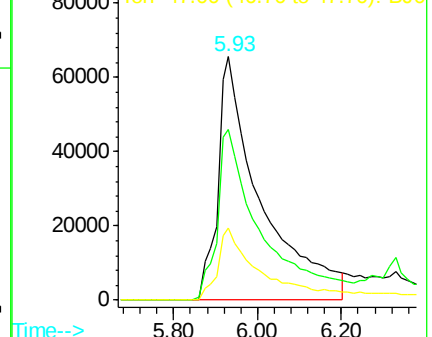
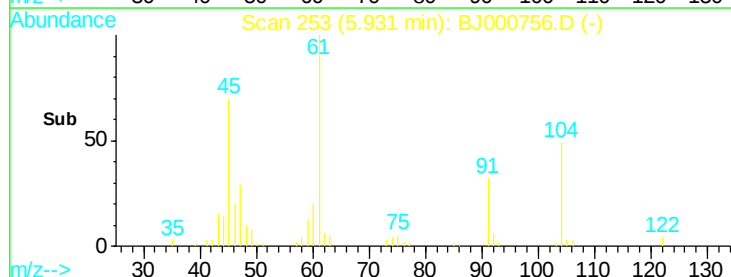


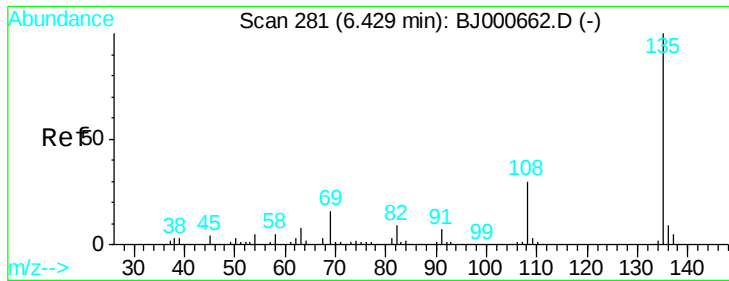
Abundance

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: 2.56 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. -0.00 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

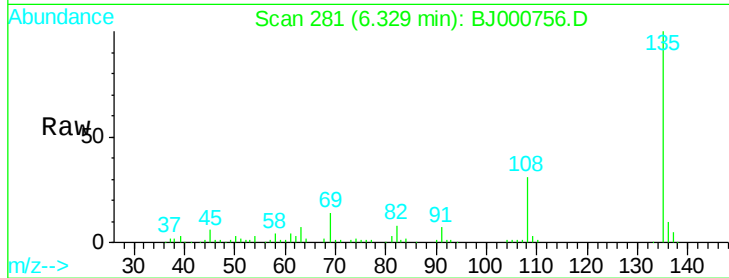
Tgt Ion:135 Resp: 760237

Ion Ratio Lower Upper

135 100

108 30.6 9.9 49.9

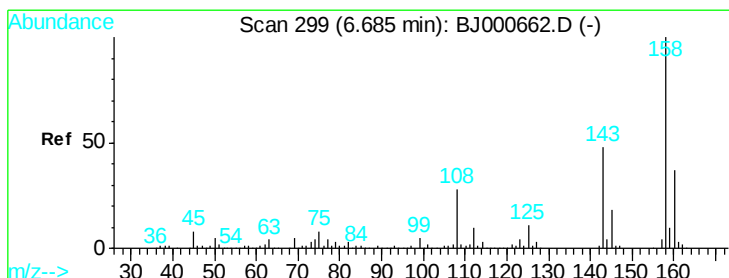
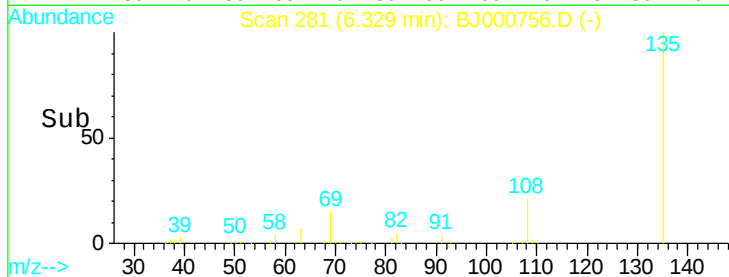
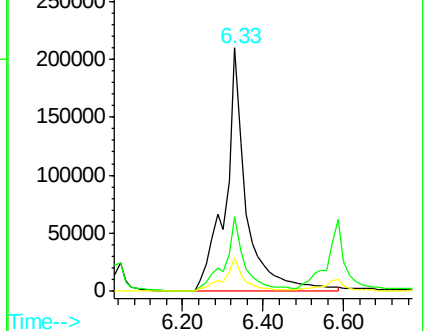
69 13.6 0.0 32.5



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: 2.99 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. -0.00 min

Lab File: BJ000756.D

Acq: 17 Apr 2012 14:16

Tgt Ion:158 Resp: 529584

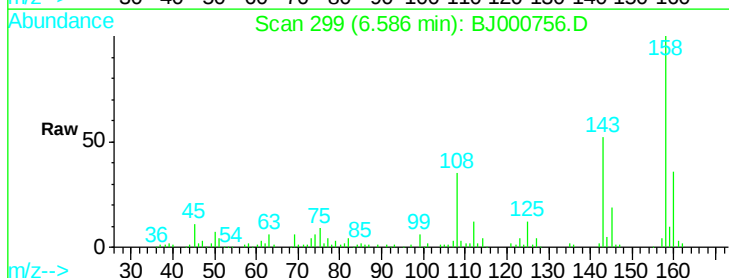
Ion Ratio Lower Upper

158 100

143 51.9 28.9 68.9

108 35.5 8.9 48.9

45 10.8 0.0 27.0

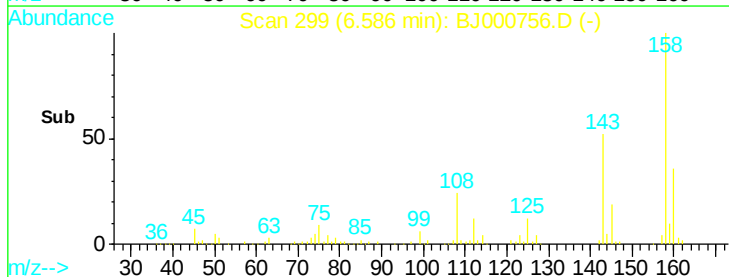
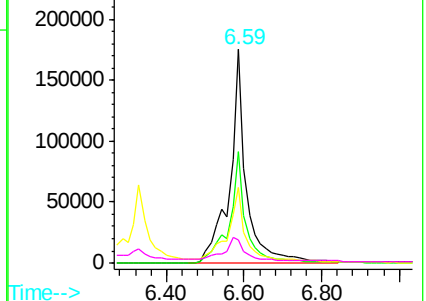


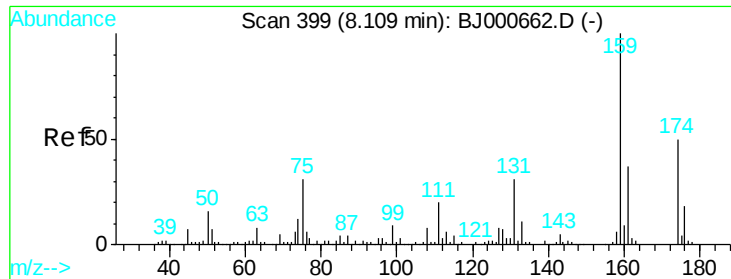
Abundance Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

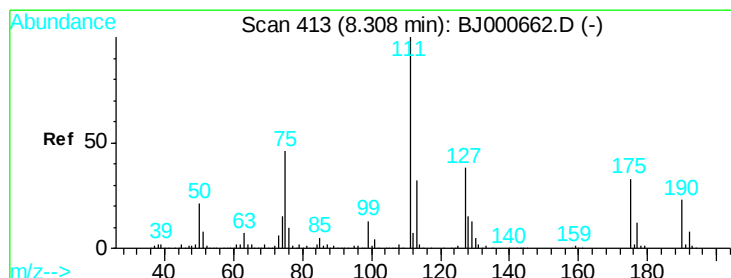
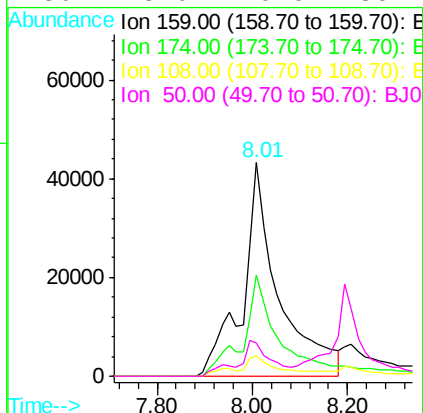
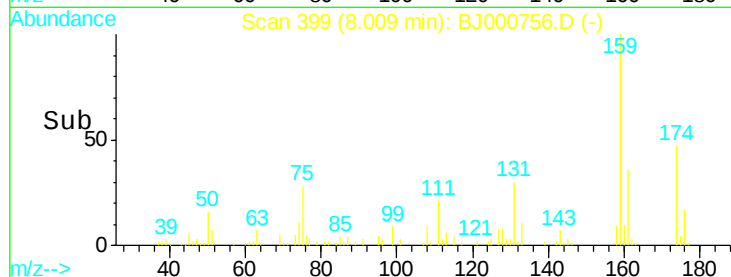
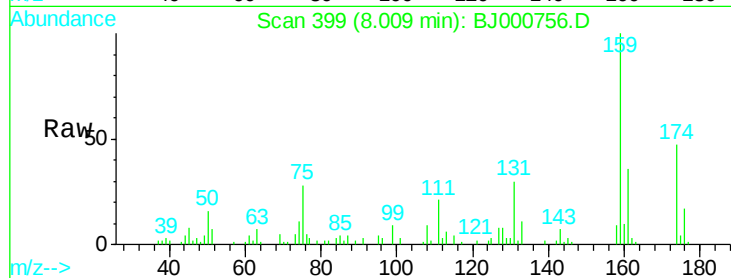
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 2.23 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. 0.01 min
Lab File: BJ000756.D
Acq: 17 Apr 2012 14:16

Tgt Ion:	159	Resp:	226201
Ion	Ratio	Lower	Upper
159	100		
174	49.8	27.3	67.3
108	11.7	0.0	28.2
50	15.0	0.0	36.4



#14
p-Chlorophenylmethylsulfone
Concen: 2.19 ug/mL
RT: 8.19 min Scan# 412
Delta R.T. -0.00 min
Lab File: BJ000756.D
Acq: 17 Apr 2012 14:16

Tgt Ion:	111	Resp:	356692
Ion	Ratio	Lower	Upper
111	100		
75	41.4	20.1	60.1
127	38.4	18.5	58.5
190	19.0	0.0	39.5

