

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000761.D
 Acq On : 17 Apr 2012 16:53
 Sample : PB62359BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 18 14:20 2012

Vial: 10
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

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 17:06:28 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.73	152	276612	2.00	ug/mL	0.00
6) Naphthalene-d8	6.02	136	1149948	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	172982	0.42	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
12) 2-Bromothioanisole	7.33	204	304606	3.82	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%

Target Compounds

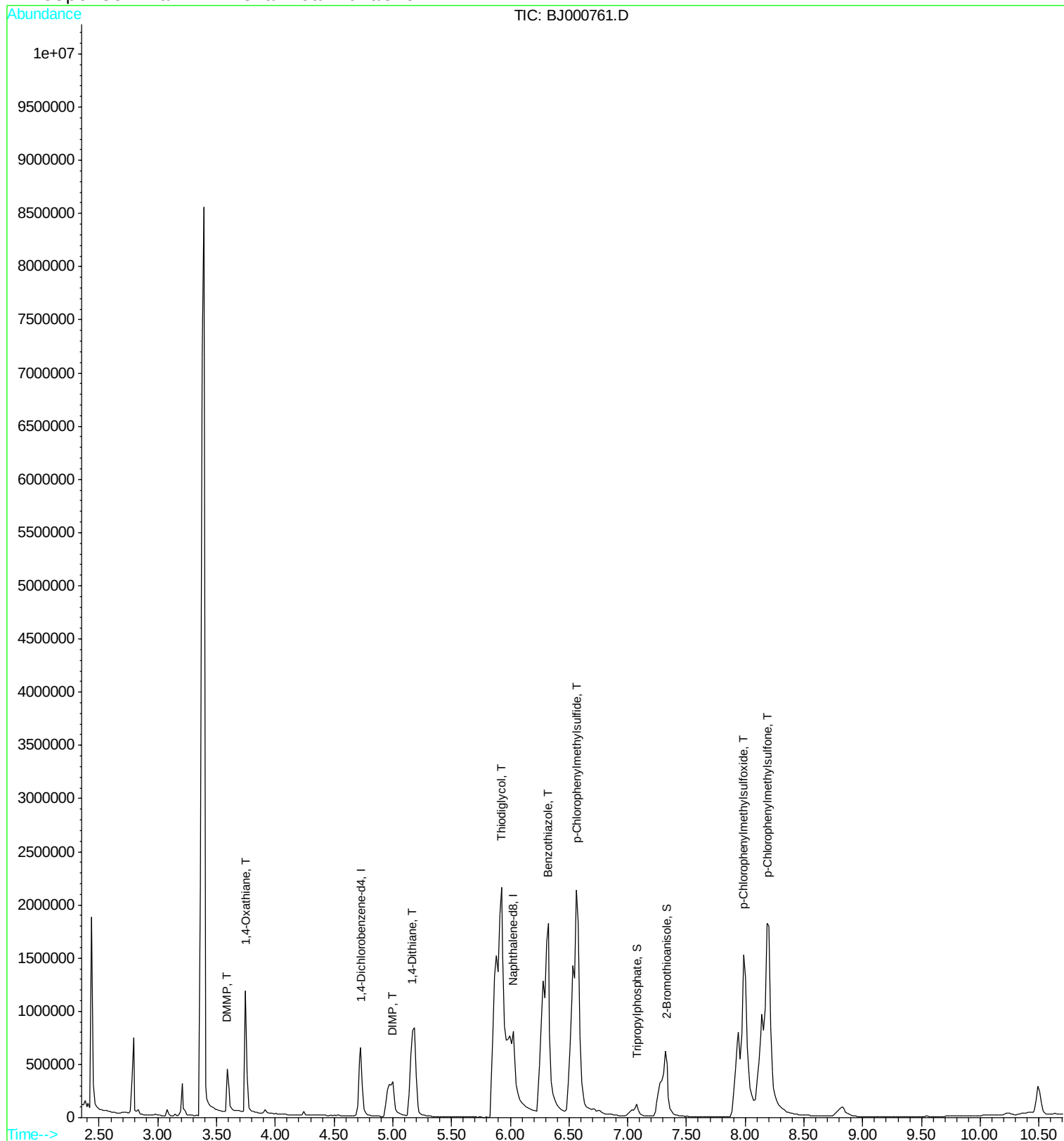
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.59	79	204440	2.97	ug/mL#	75
4) DIMP	5.00	97	492944	2.05	ug/mL	93
5) 1,4-Oxathiane	3.75	46	434568	4.51	ug/mL	99
7) 1,4-Dithiane	5.17	46	359064	4.58	ug/mL	91
8) Thiodiglycol	5.92	61	2861030	38.31	ug/mL	98
9) Benzothiazole	6.32	135	3182651	10.11	ug/mL	98
11) p-Chlorophenylmethylsulfid	6.56	158	1943044	9.09	ug/mL	88
13) p-Chlorophenylmethylsulfox	7.99	159	1391414	12.49	ug/mL	99
14) p-Chlorophenylmethylsulfon	8.19	111	1694261	10.17	ug/mL	97

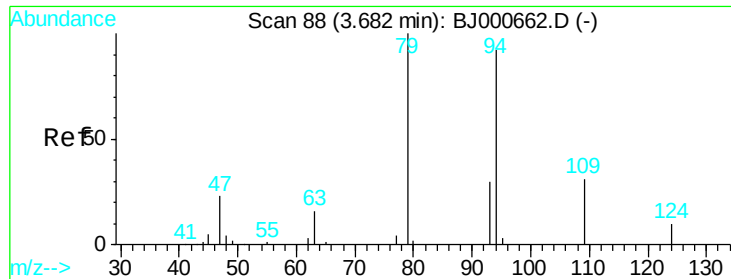
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#3

DMMP

Concen: 2.97 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.01 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

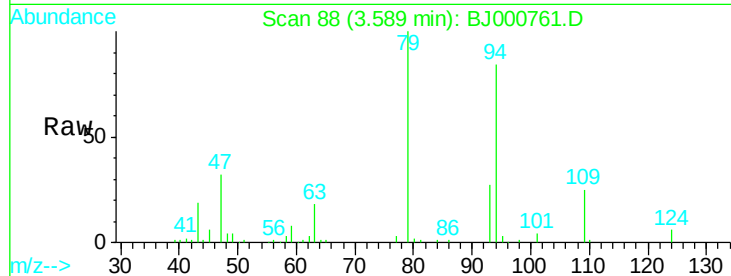
Tgt Ion: 79 Resp: 204440

Ion Ratio Lower Upper

79 100

94 84.1 88.2 128.2#

109 24.7 24.6 64.6

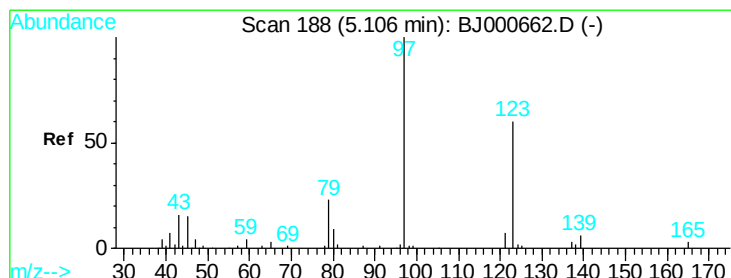
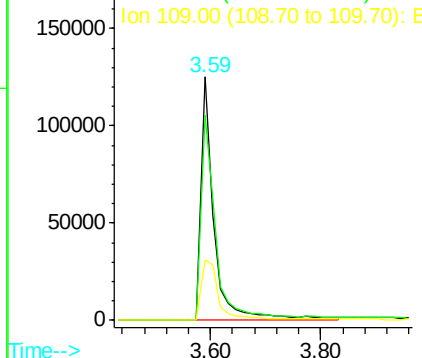
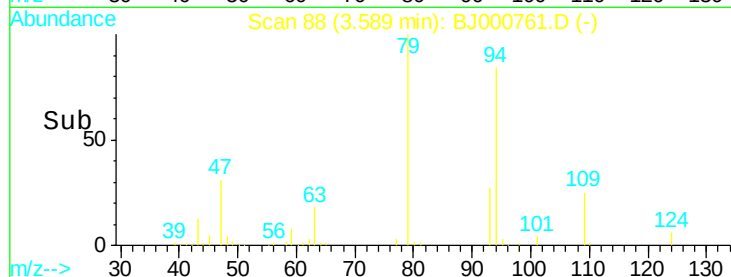


Abundance

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: 2.05 ug/mL

RT: 5.00 min Scan# 187

Delta R.T. -0.01 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

Tgt Ion: 97 Resp: 492944

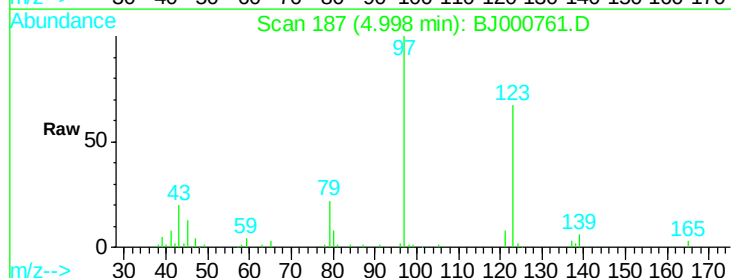
Ion Ratio Lower Upper

97 100

123 66.9 41.1 81.1

43 19.5 0.0 36.9

41 7.9 0.0 28.2



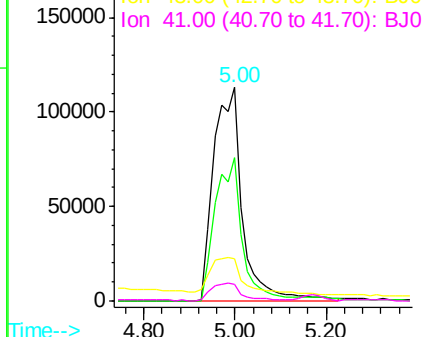
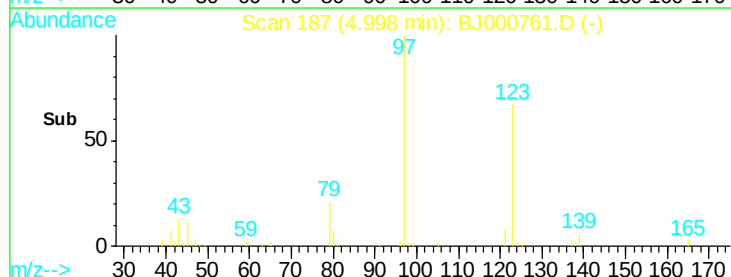
Abundance

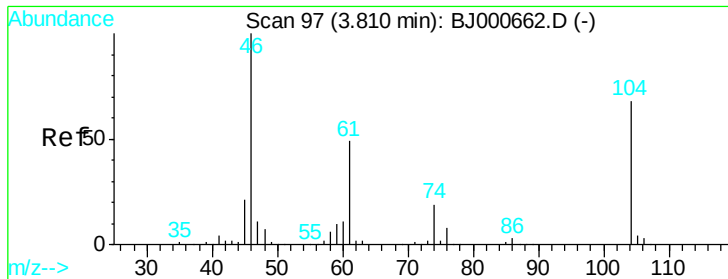
Ion 97.00 (96.70 to 97.70): BJ0

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: 4.51 ug/mL

RT: 3.75 min Scan# 99

Delta R.T. 0.03 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

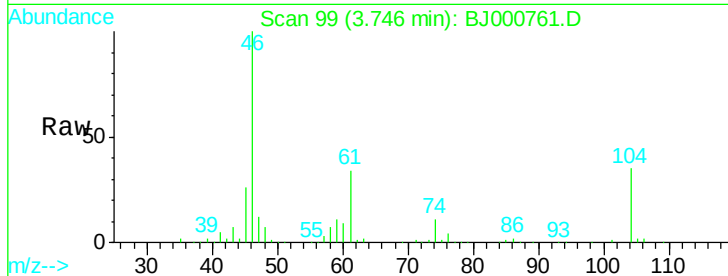
Tgt Ion: 46 Resp: 434568

Ion Ratio Lower Upper

46 100

61 34.1 13.9 53.9

104 35.3 14.6 54.6

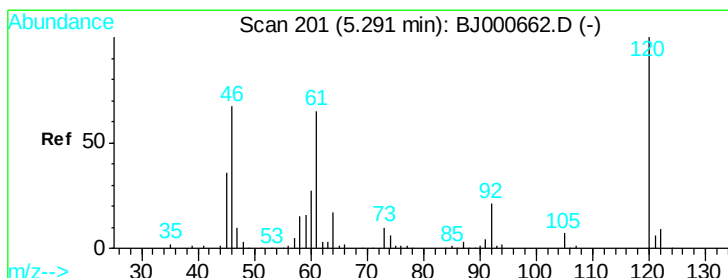
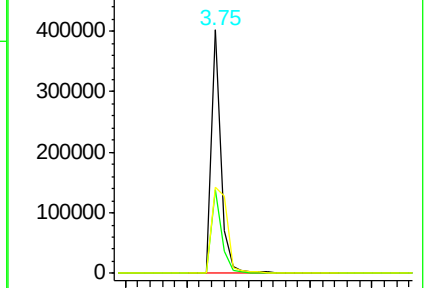
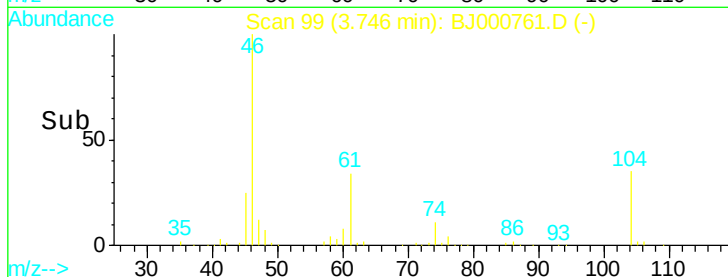


Abundance

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: 4.58 ug/mL

RT: 5.17 min Scan# 199

Delta R.T. -0.02 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

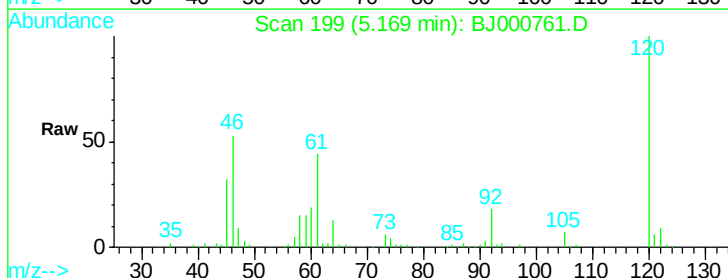
Tgt Ion: 46 Resp: 359064

Ion Ratio Lower Upper

46 100

61 83.5 61.1 101.1

120 187.8 152.3 192.3

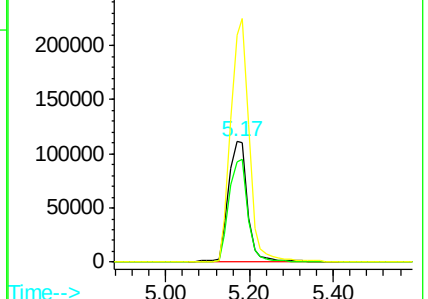
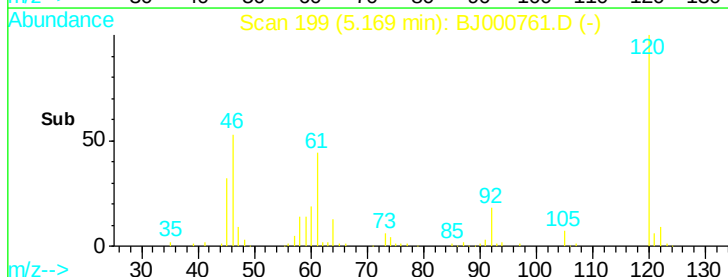


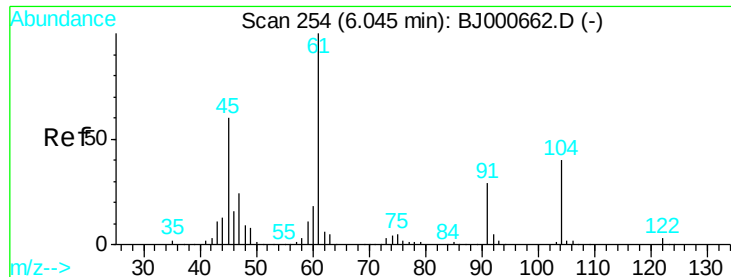
Abundance

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: 38.31 ug/mL

RT: 5.92 min Scan# 252

Delta R.T. -0.02 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

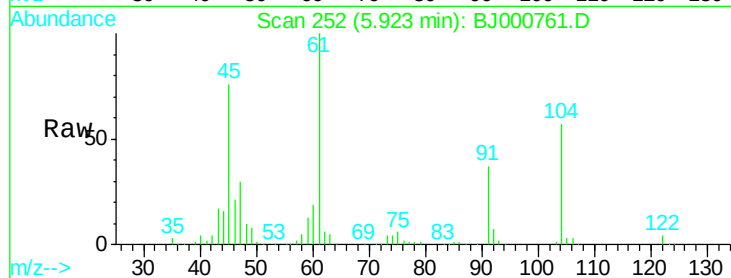
Tgt Ion: 61 Resp: 2861030

Ion Ratio Lower Upper

61 100

45 75.5 53.3 93.3

47 29.8 9.3 49.3

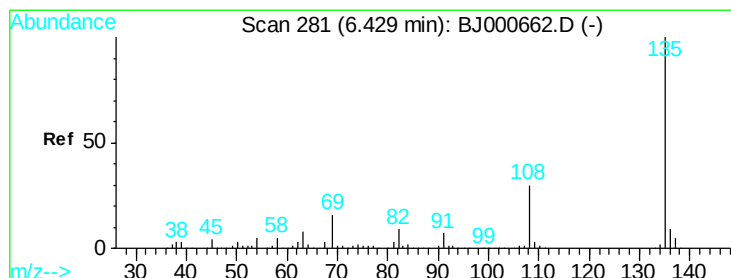
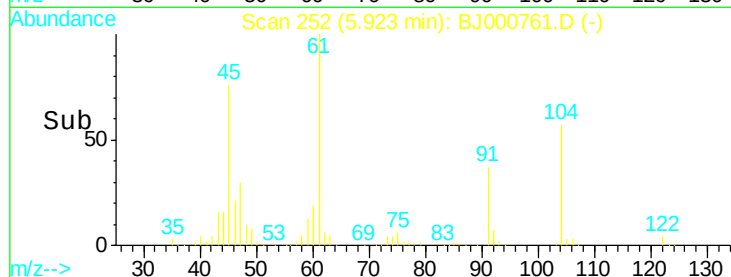
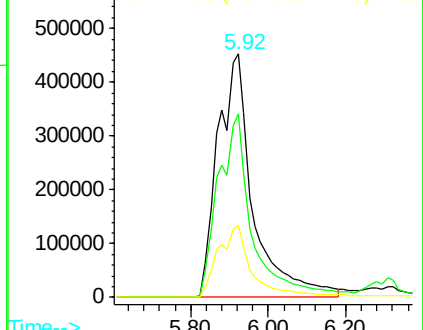


Abundance

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: 10.11 ug/mL

RT: 6.32 min Scan# 280

Delta R.T. -0.01 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

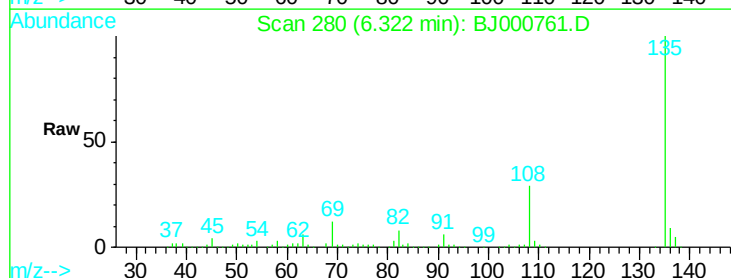
Tgt Ion: 135 Resp: 3182651

Ion Ratio Lower Upper

135 100

108 28.8 9.9 49.9

69 12.1 0.0 32.5

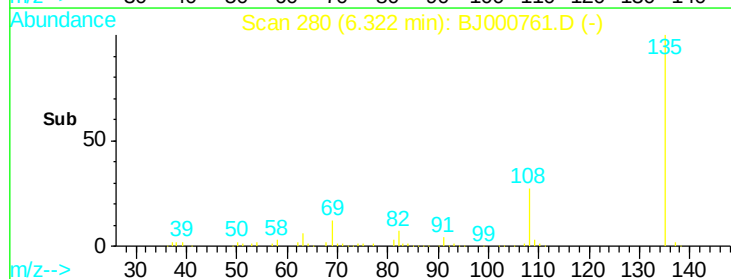
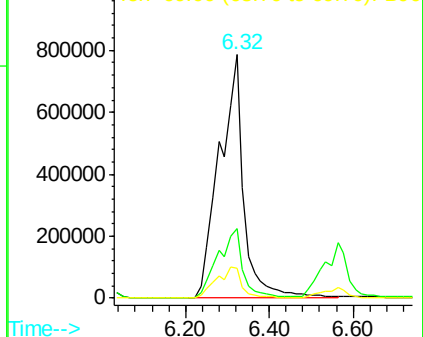


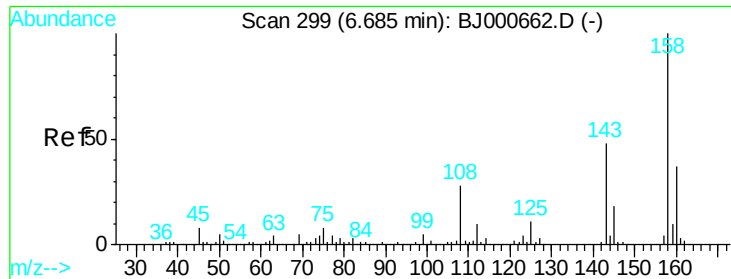
Abundance

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

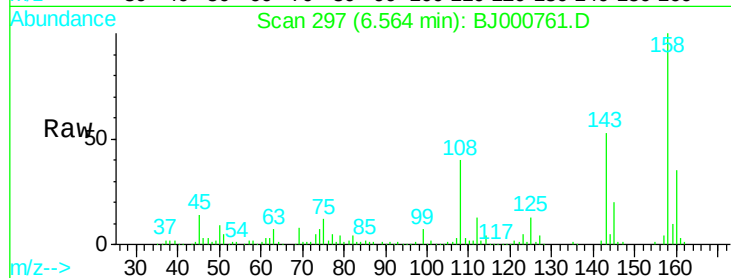




#11
p-Chlorophenylmethylsulfide
Concen: 9.09 ug/mL
RT: 6.56 min Scan# 297
Delta R.T. -0.02 min
Lab File: BJ000761.D
Acq: 17 Apr 2012 16:53

Tgt Ion:158 Resp: 1943044

Ion	Ratio	Lower	Upper
158	100		
143	53.0	28.9	68.9
108	40.0	8.9	48.9
45	14.5	0.0	27.0



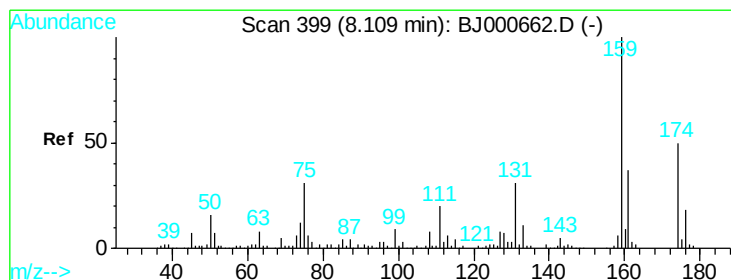
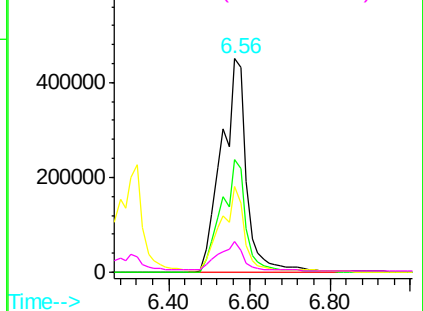
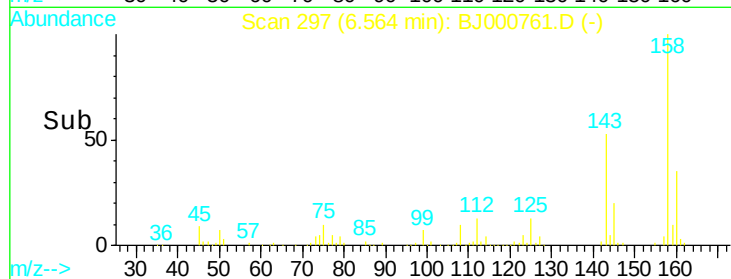
Abundance

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

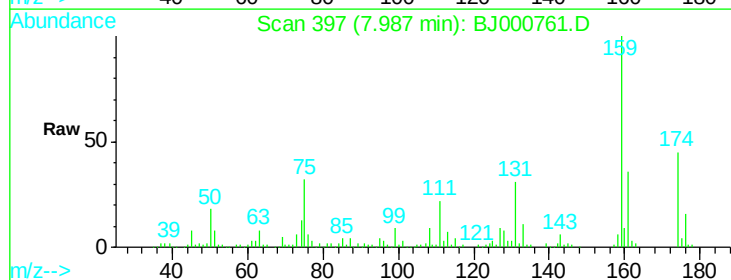
Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 12.49 ug/mL
RT: 7.99 min Scan# 397
Delta R.T. -0.01 min
Lab File: BJ000761.D
Acq: 17 Apr 2012 16:53

Tgt Ion:159 Resp: 1391414

Ion	Ratio	Lower	Upper
159	100		
174	46.9	27.3	67.3
108	8.6	0.0	28.2
50	16.0	0.0	36.4



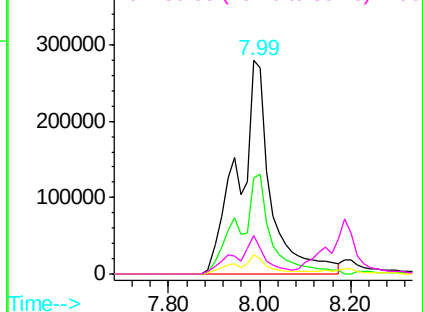
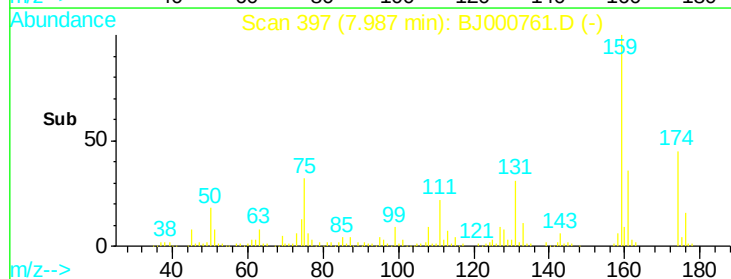
Abundance

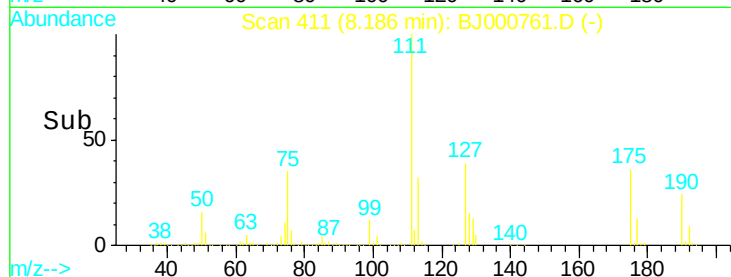
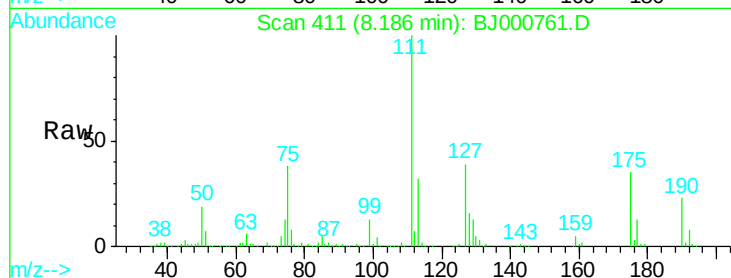
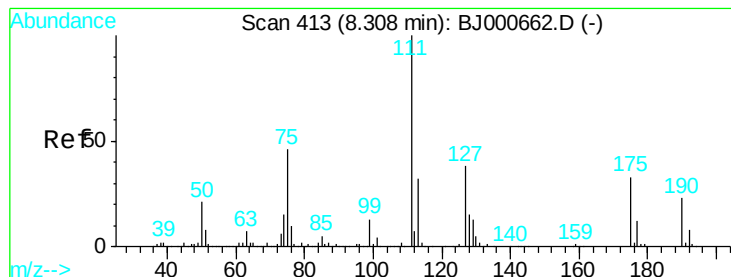
Ion 159.00 (158.70 to 159.70): E

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: 10.17 ug/mL

RT: 8.19 min Scan# 411

Delta R.T. -0.01 min

Lab File: BJ000761.D

Acq: 17 Apr 2012 16:53

Tgt Ion:111 Resp: 1694261

Ion Ratio Lower Upper

111 100

75 38.5 20.1 60.1

127 39.3 18.5 58.5

190 23.4 0.0 39.5

