

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000754.D

Vial: 3

Acq On : 17 Apr 2012 13:40

Operator: HLM

Sample : CWA-5

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	4.71	152	295338	2.00	ug/mL	-0.03
6) Naphthalene-d8	5.97	136	551091	2.00	ug/mL	-0.06

System Monitoring Compounds

10) Tripropylphosphate	7.01	99	946998	4.94	ug/mL	-0.07
Spiked Amount	0.500	Range	70 - 130	Recovery	=	988.00%#
12) 2-Bromothioanisole	7.34	204	1170569	32.83	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	656.60%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.64	94	1537918	11.28	ug/mL# 80
3) DMMP	3.60	79	421754	6.41	ug/mL 99
4) DIMP	4.95	97	679394	2.75	ug/mL 98
5) 1,4-Oxathiane	3.74	46	1248766	11.78	ug/mL# 52
7) 1,4-Dithiane	5.19	46	376919	9.41	ug/mL 96
8) Thiodiglycol	5.86	61	2491174	68.20	ug/mL 100
9) Benzothiazole	6.26	135	3634407	24.52	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.51	158	2018267	22.83	ug/mL 96
13) p-Chlorophenylmethyldisulfox	7.92	159	1246541	24.62	ug/mL 99
14) p-Chlorophenylmethyldisulfon	8.12	111	1253042	15.41	ug/mL 86

Quantitation Report

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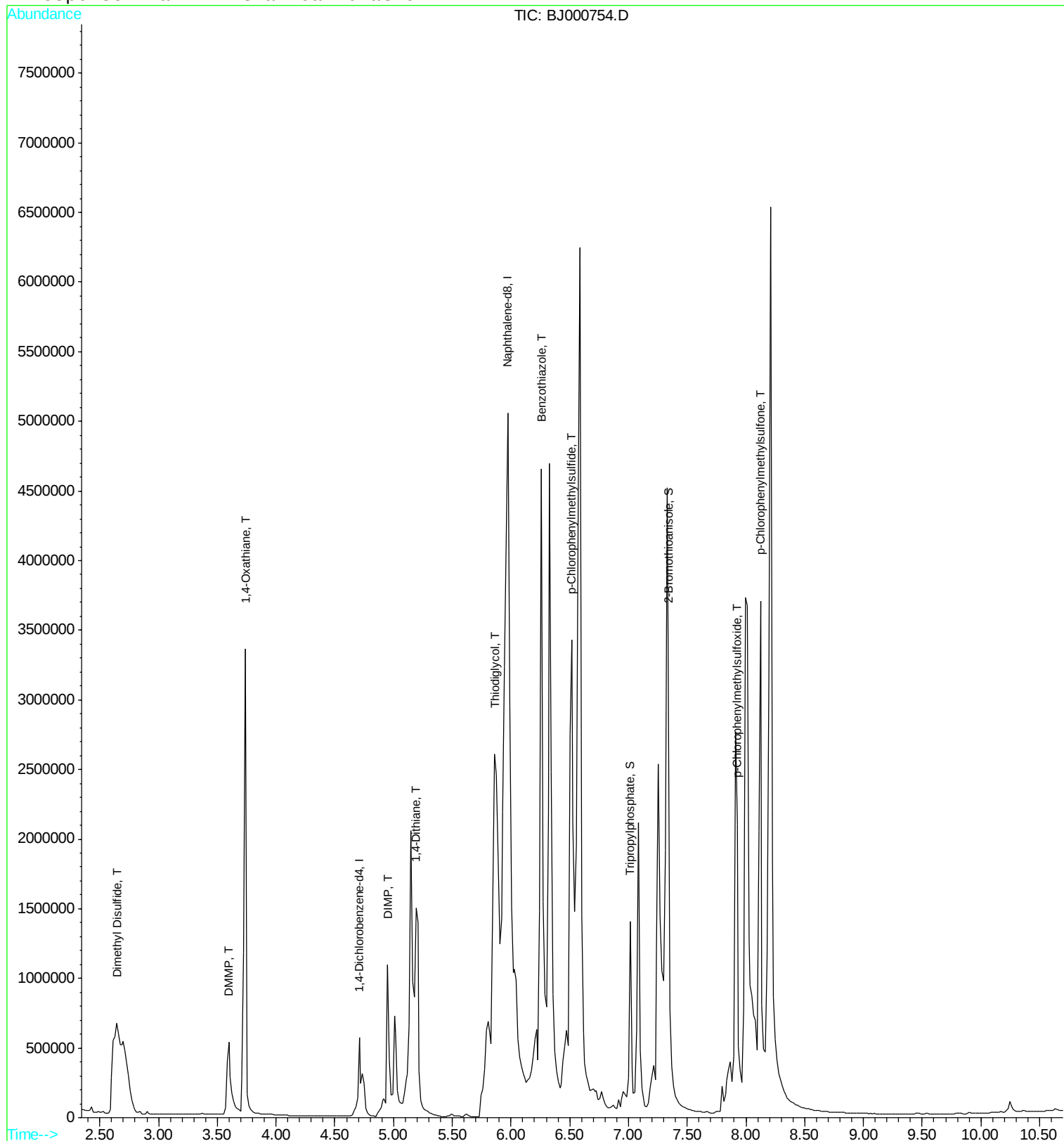
Quant Results File: BJ041712.RES

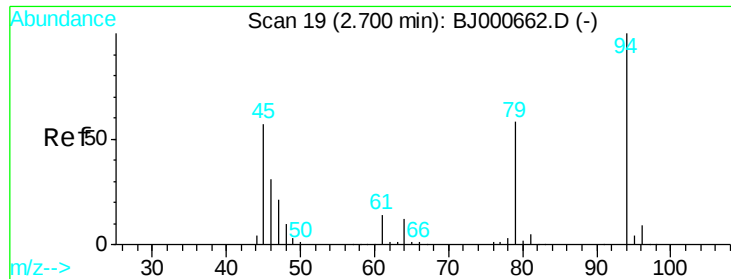
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

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Last Update : Tue Apr 17 16:51:03 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 11.28 ug/mL

RT: 2.64 min Scan# 22

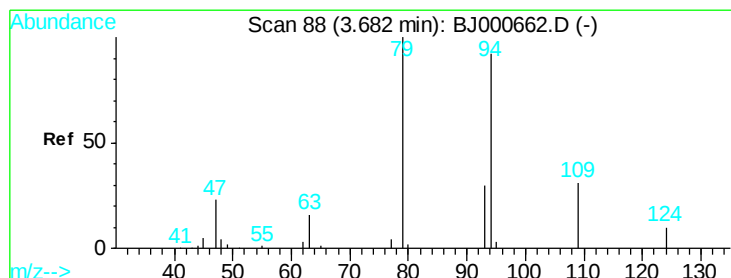
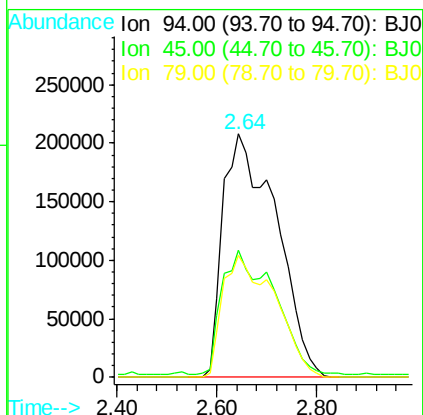
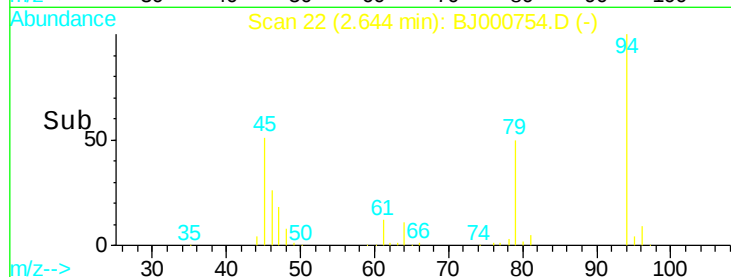
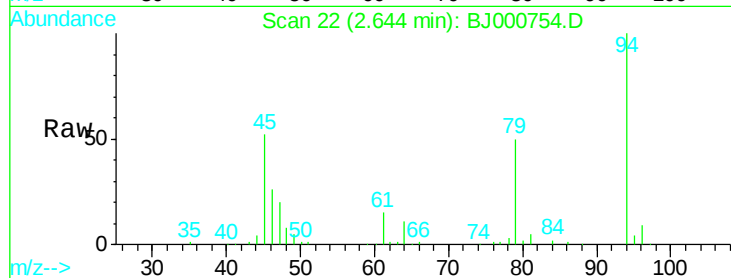
Delta R.T. -0.00 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

Tgt Ion: 94 Resp: 1537918

Ion	Ratio	Lower	Upper
94	100		
45	52.3	54.7	94.7#
79	50.1	38.8	78.8



#3

DMMP

Concen: 6.41 ug/mL

RT: 3.60 min Scan# 89

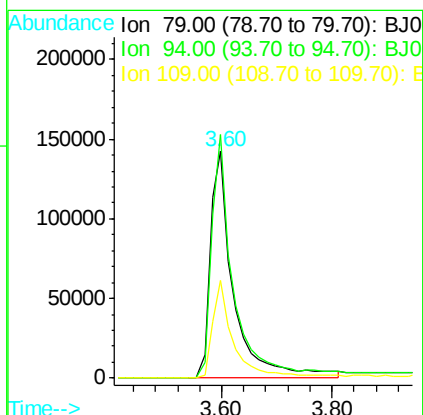
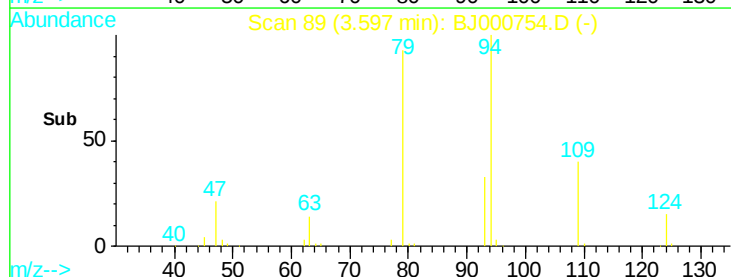
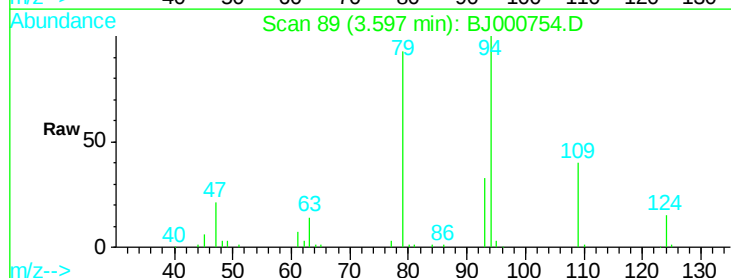
Delta R.T. -0.00 min

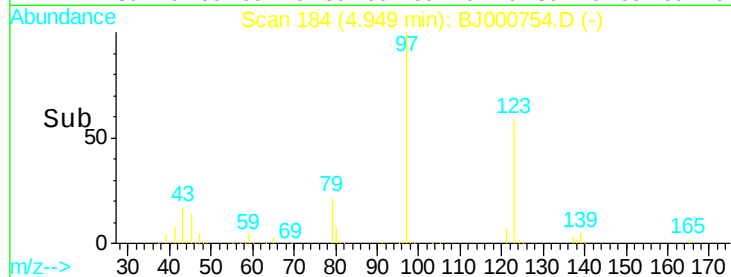
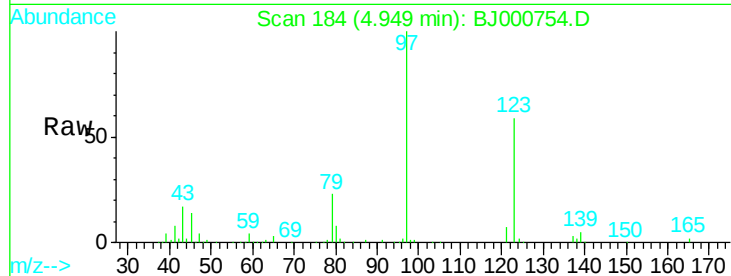
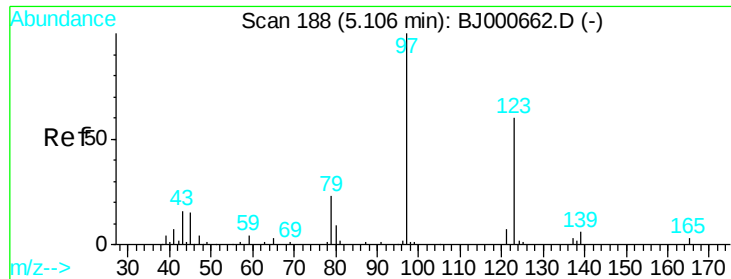
Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

Tgt Ion: 79 Resp: 421754

Ion	Ratio	Lower	Upper
79	100		
94	107.4	88.2	128.2
109	43.3	24.6	64.6





#4

DIMP

Concen: 2.75 ug/mL

RT: 4.95 min Scan# 184

Delta R.T. -0.06 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

Tgt Ion: 97 Resp: 679394

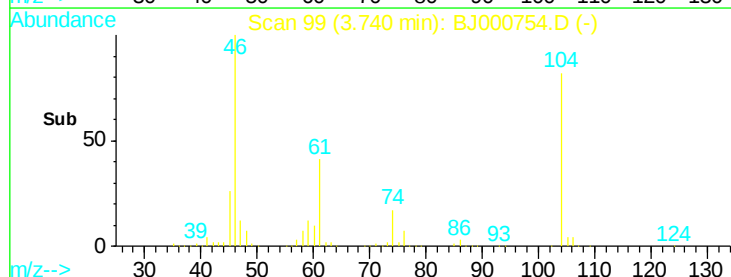
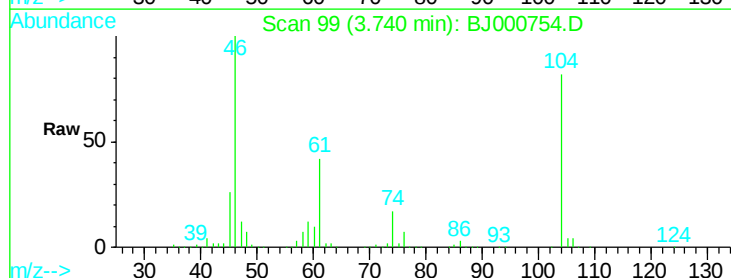
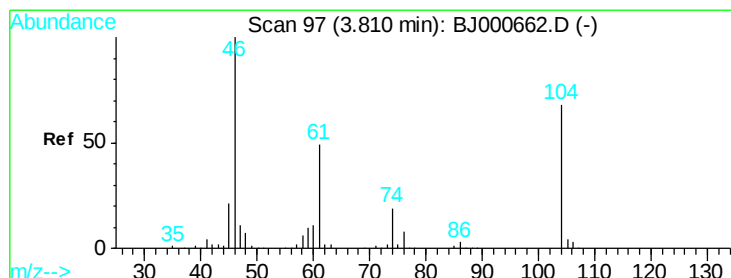
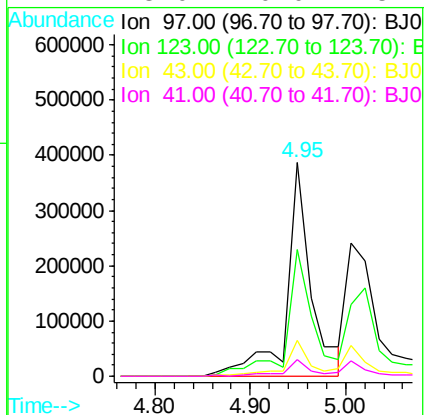
Ion Ratio Lower Upper

97 100

123 59.3 41.1 81.1

43 16.7 0.0 36.9

41 8.0 0.0 28.2



#5

1,4-Oxathiane

Concen: 11.78 ug/mL

RT: 3.74 min Scan# 99

Delta R.T. 0.03 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

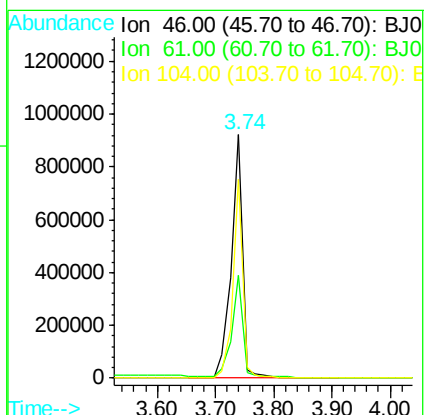
Tgt Ion: 46 Resp: 1248766

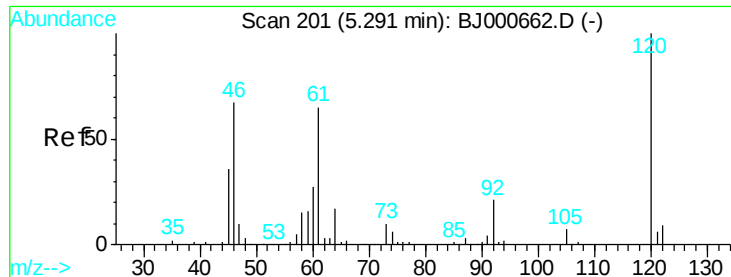
Ion Ratio Lower Upper

46 100

61 42.5 13.9 53.9

104 81.5 14.6 54.6#





#7

1,4-Dithiane

Concen: 9.41 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. -0.00 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

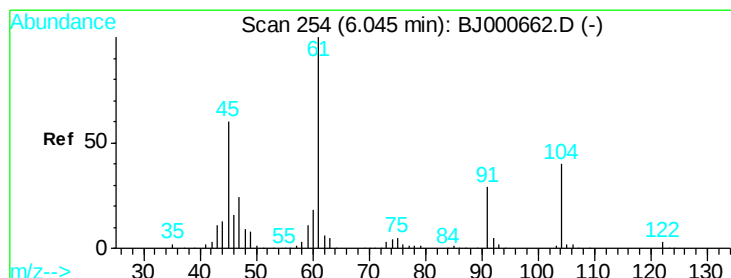
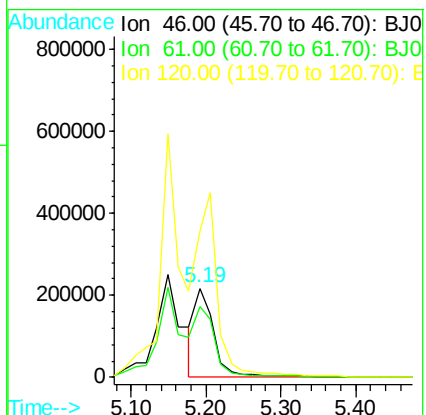
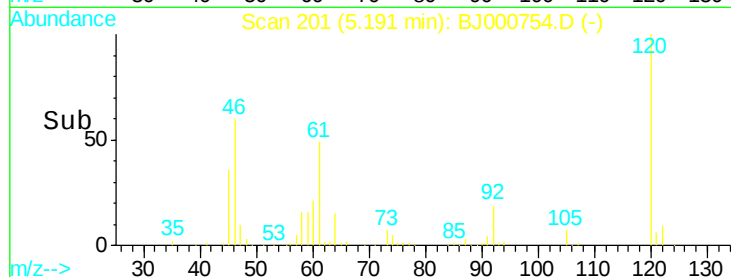
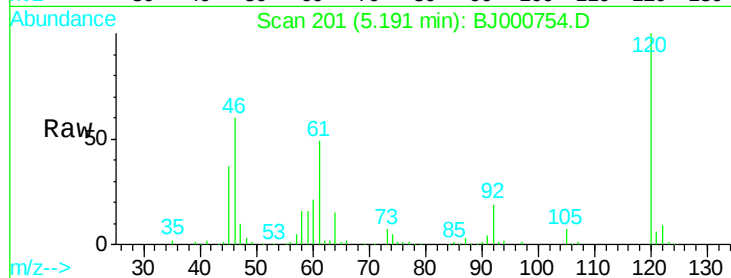
Tgt Ion: 46 Resp: 376919

Ion Ratio Lower Upper

46 100

61 80.5 61.1 101.1

120 165.3 152.3 192.3



#8

Thiodiglycol

Concen: 68.20 ug/mL

RT: 5.86 min Scan# 248

Delta R.T. -0.09 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

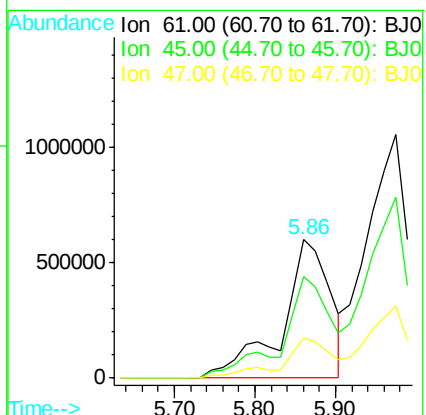
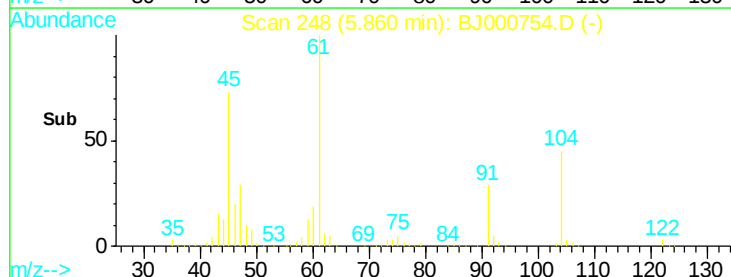
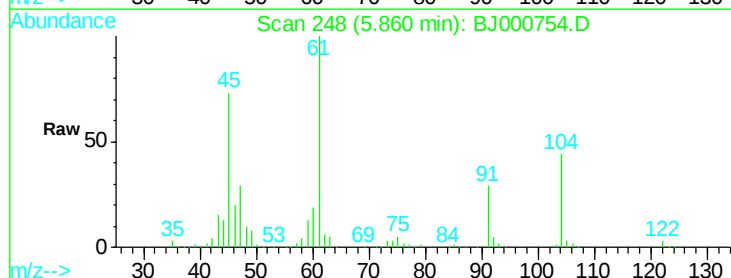
Tgt Ion: 61 Resp: 2491174

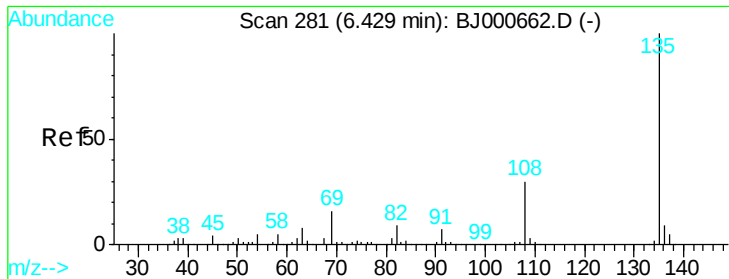
Ion Ratio Lower Upper

61 100

45 73.4 53.3 93.3

47 29.1 9.3 49.3





#9

Benzothiazole

Concen: 24.52 ug/mL

RT: 6.26 min Scan# 276

Delta R.T. -0.07 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

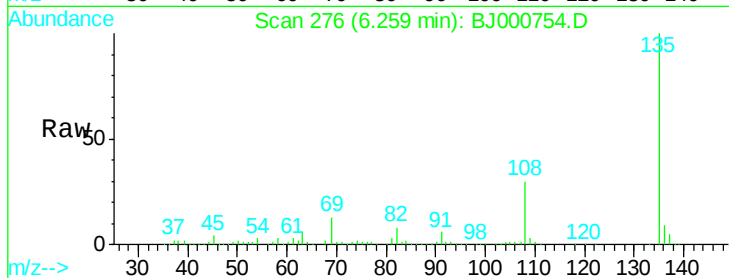
Tgt Ion:135 Resp: 3634407

Ion Ratio Lower Upper

135 100

108 29.9 9.9 49.9

69 12.5 0.0 32.5

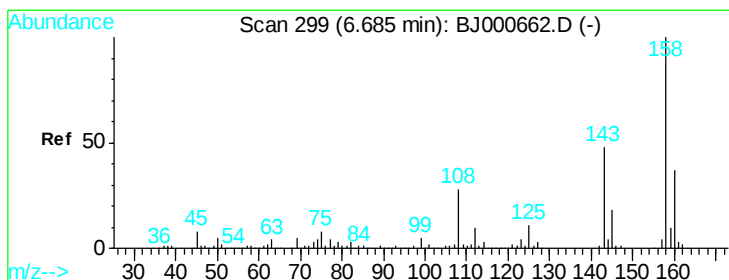
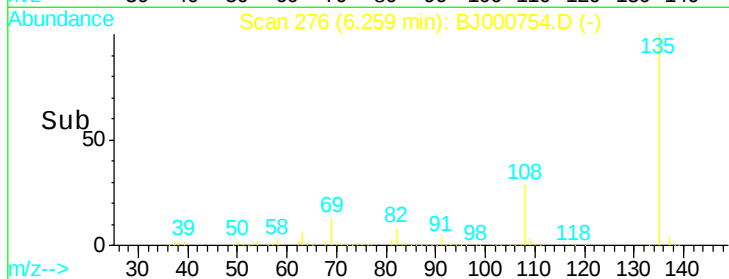
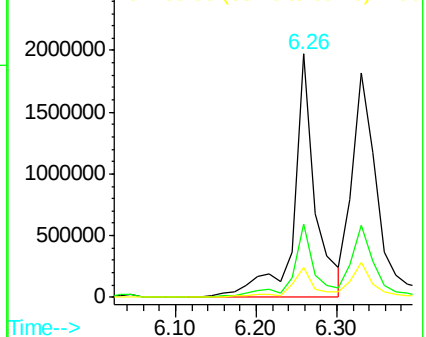


Abundance

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: 22.83 ug/mL

RT: 6.51 min Scan# 294

Delta R.T. -0.07 min

Lab File: BJ000754.D

Acq: 17 Apr 2012 13:40

Tgt Ion:158 Resp: 2018267

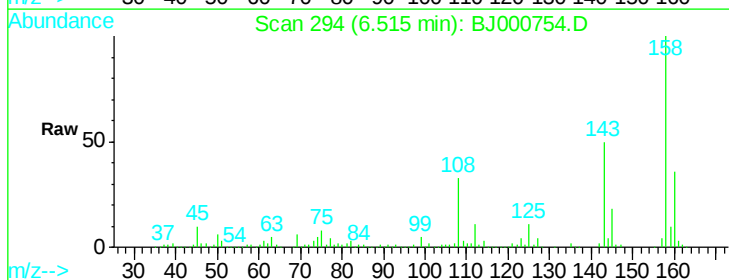
Ion Ratio Lower Upper

158 100

143 49.8 28.9 68.9

108 32.8 8.9 48.9

45 9.8 0.0 27.0



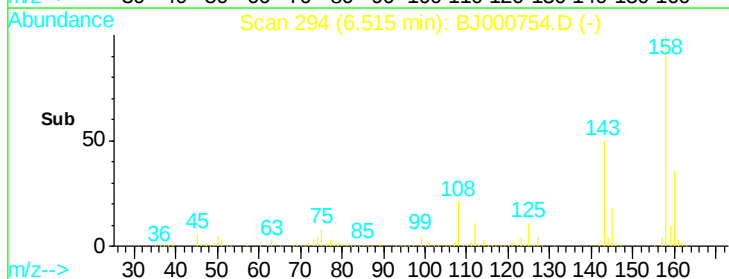
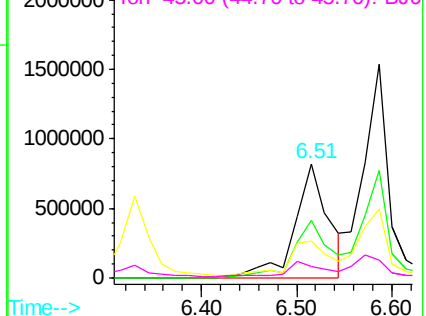
Abundance

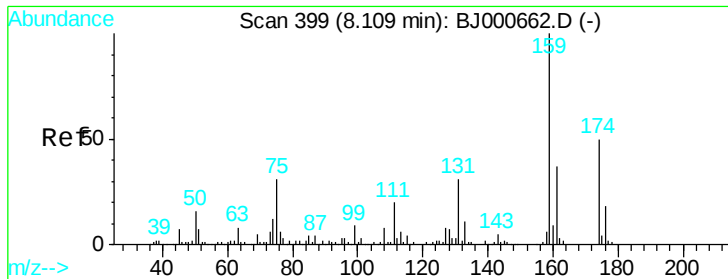
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

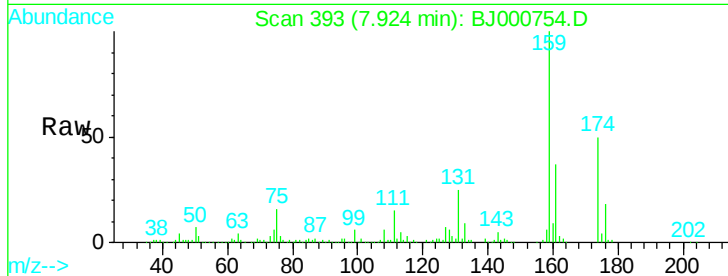
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 24.62 ug/mL
RT: 7.92 min Scan# 393
Delta R.T. -0.07 min
Lab File: BJ000754.D
Acq: 17 Apr 2012 13:40

Tgt Ion:159 Resp: 1246541
Ion Ratio Lower Upper
159 100
174 47.2 27.3 67.3
108 8.1 0.0 28.2
50 17.1 0.0 36.4



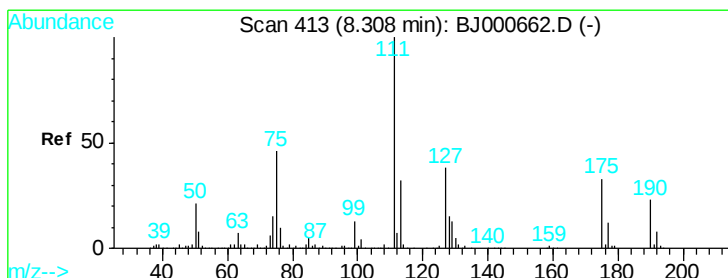
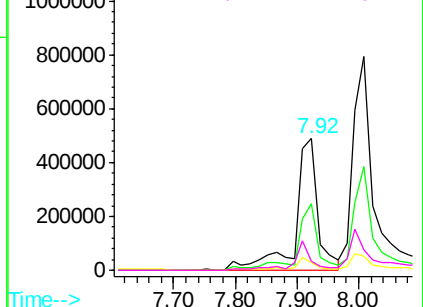
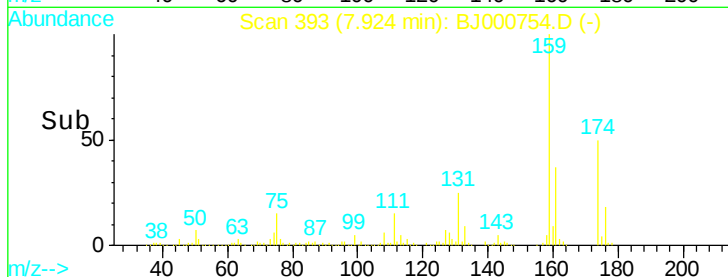
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

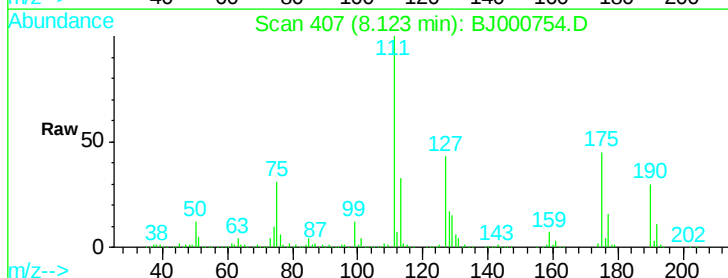
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 15.41 ug/mL
RT: 8.12 min Scan# 407
Delta R.T. -0.07 min
Lab File: BJ000754.D
Acq: 17 Apr 2012 13:40

Tgt Ion:111 Resp: 1253042
Ion Ratio Lower Upper
111 100
75 30.6 20.1 60.1
127 42.7 18.5 58.5
190 29.9 0.0 39.5



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

