

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000788.D
 Acq On : 26 Apr 2012 16:53
 Sample : PB62520BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:31 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Apr 27 11:32:02 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	280073	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.04	136	1127451	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	221886	0.58	ug/mL	-0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	116.00%
12) 2-Bromothioanisole	7.34	204	385255	5.21	ug/mL	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.80	94	395375	3.83	ug/mL#	65
3) DMMP	3.61	79	187948	2.10	ug/mL	93
4) DIMP	5.01	97	492660	2.00	ug/mL	96
5) 1,4-Oxathiane	3.77	46	411972	4.15	ug/mL	95
7) 1,4-Dithiane	5.19	46	344044	4.62	ug/mL	89
8) Thiodiglycol	5.95	61	2910285	38.93	ug/mL	99
9) Benzothiazole	6.33	135	3090718	11.01	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.59	158	1879233	9.68	ug/mL	97
13) p-Chlorophenylmethyldisulfox	8.01	159	1359484	12.55	ug/mL	98
14) p-Chlorophenylmethyldisulfon	8.21	111	1664697	10.43	ug/mL	97

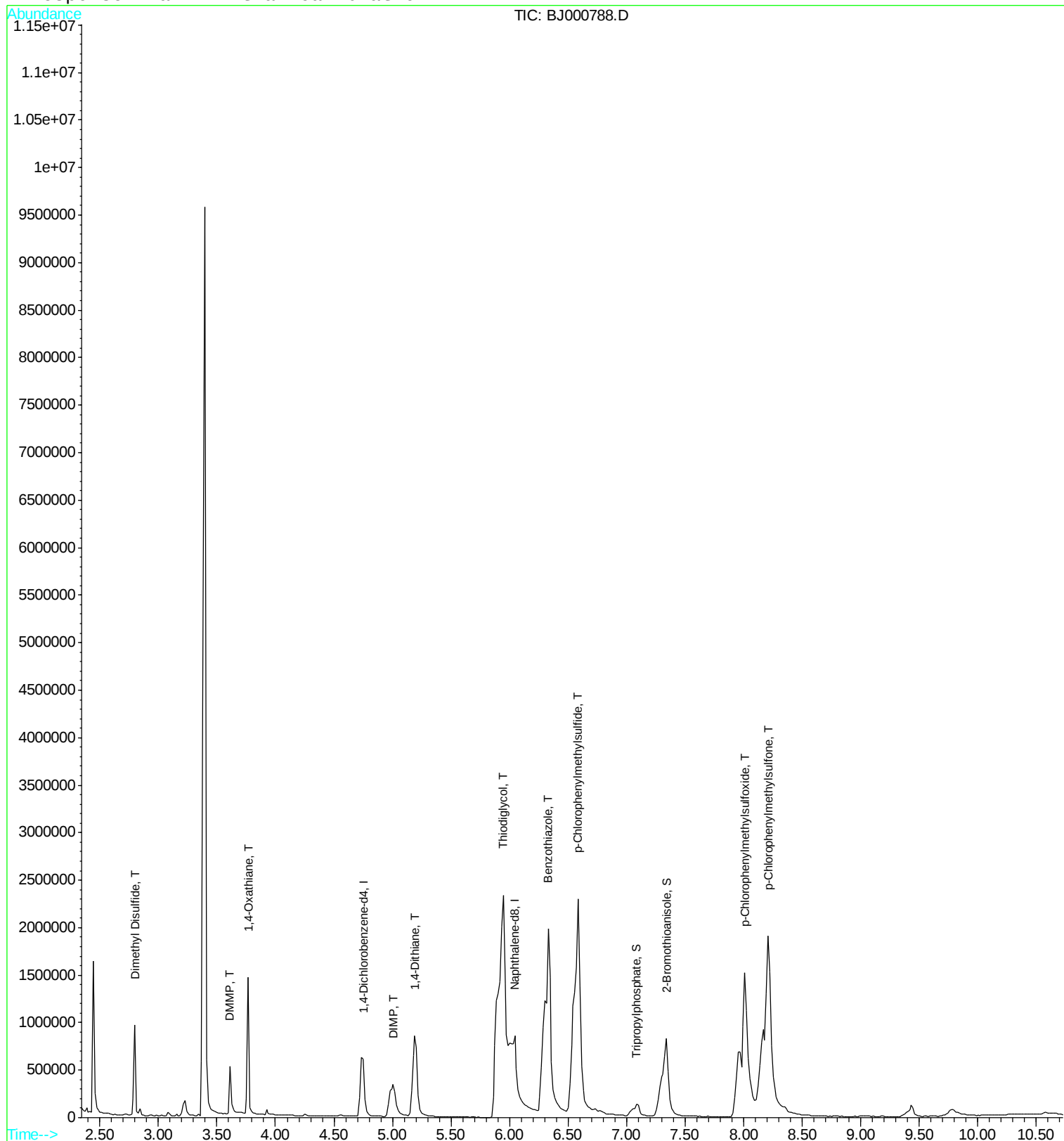
Quantitation Report

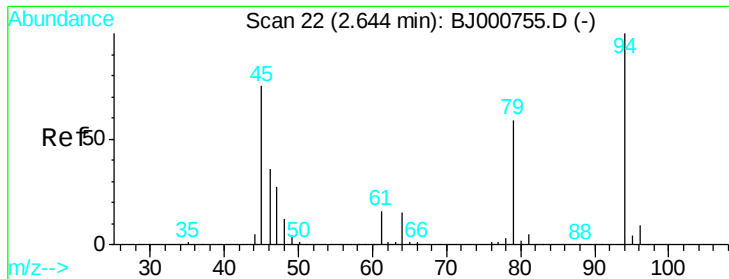
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#2

Dimethyl Disulfide

Concen: 3.83 ug/mL

RT: 2.80 min Scan# 33

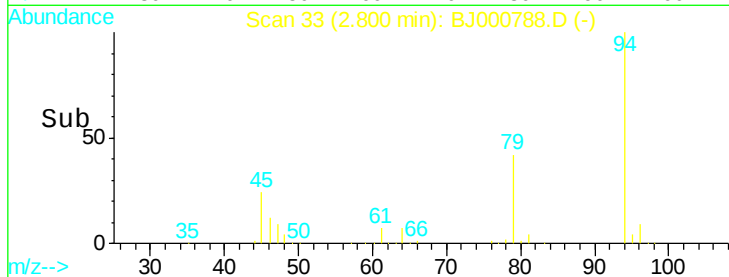
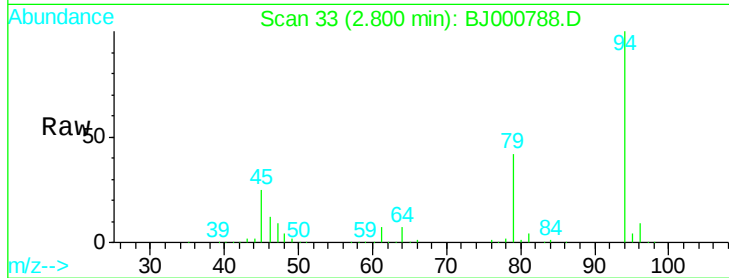
Delta R.T. 0.13 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

Tgt Ion: 94 Resp: 395375

Ion	Ratio	Lower	Upper
94	100		
45	24.6	42.7	82.7#
79	42.0	35.3	75.3

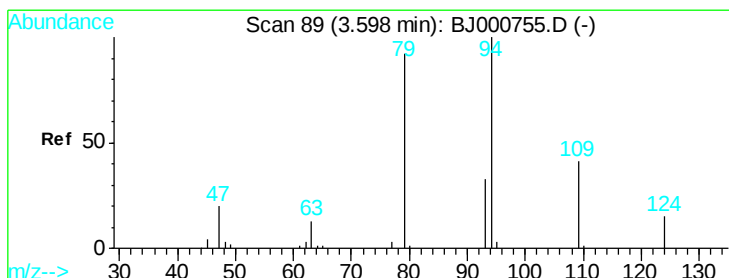
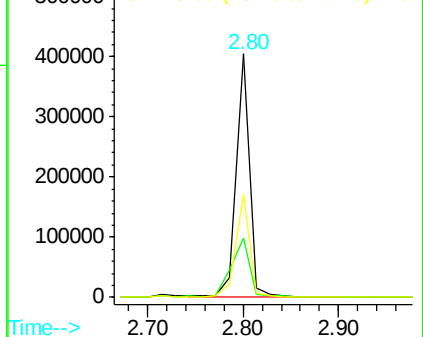


Abundance

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: 2.10 ug/mL

RT: 3.61 min Scan# 90

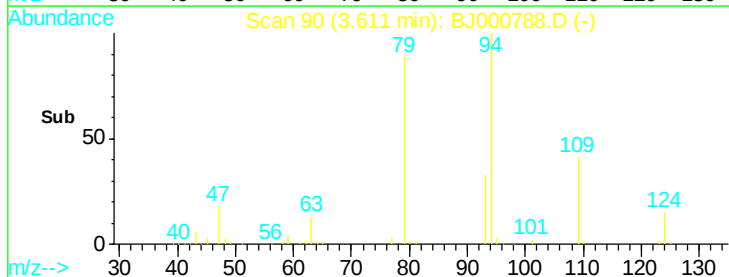
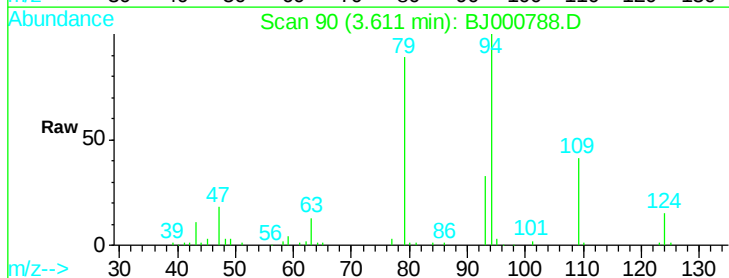
Delta R.T. -0.00 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

Tgt Ion: 79 Resp: 187948

Ion	Ratio	Lower	Upper
79	100		
94	111.8	85.9	125.9
109	46.1	20.8	60.8

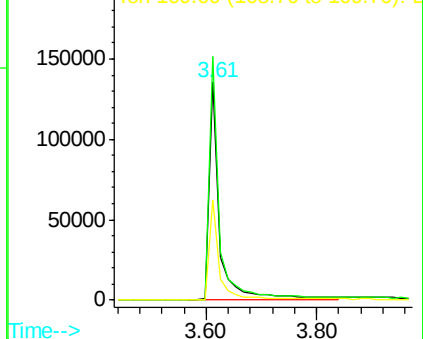


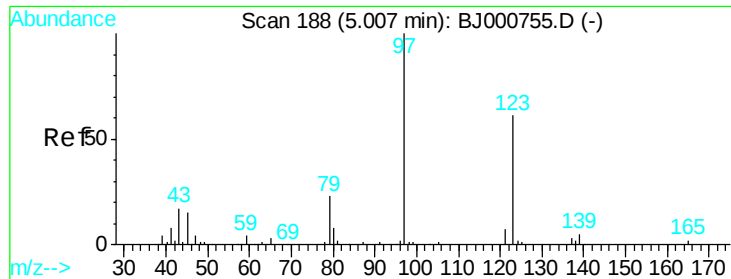
Abundance

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: 2.00 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. -0.01 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

Tgt Ion: 97 Resp: 492660

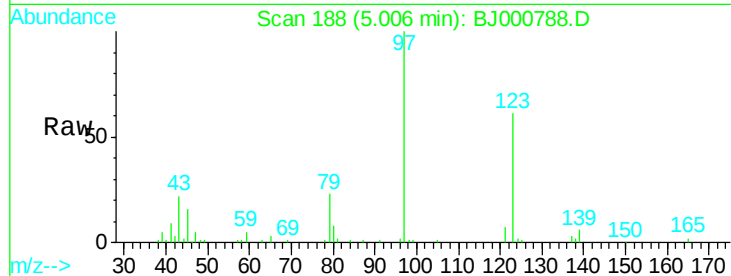
Ion Ratio Lower Upper

97 100

123 61.3 38.9 78.9

43 22.2 0.0 38.8

41 9.1 0.0 29.0



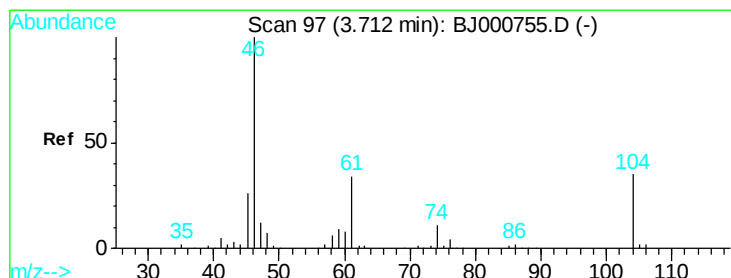
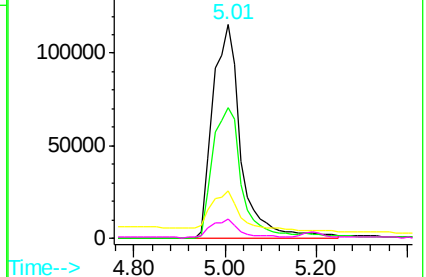
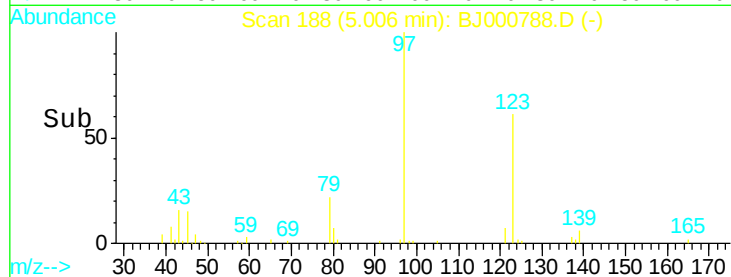
Abundance

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: 4.15 ug/mL

RT: 3.77 min Scan# 101

Delta R.T. 0.03 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

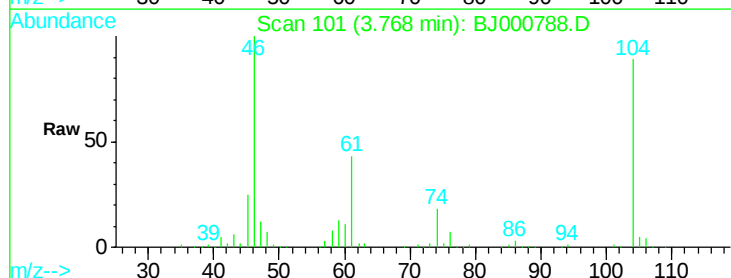
Tgt Ion: 46 Resp: 411972

Ion Ratio Lower Upper

46 100

61 43.4 23.6 63.6

104 89.0 76.3 116.3

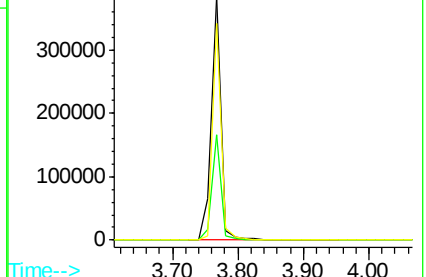
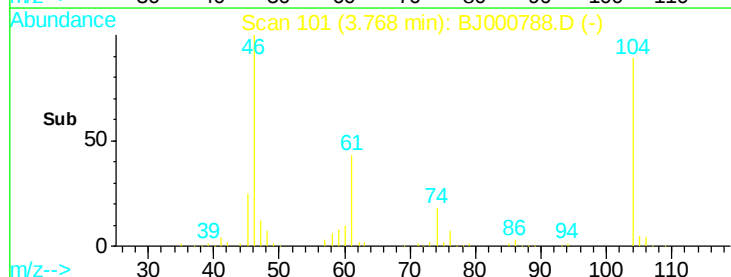


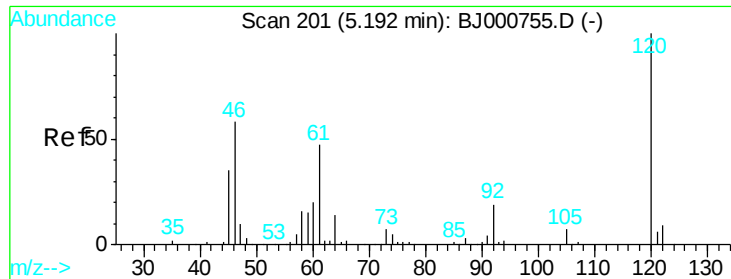
Abundance

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: 4.62 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. -0.01 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

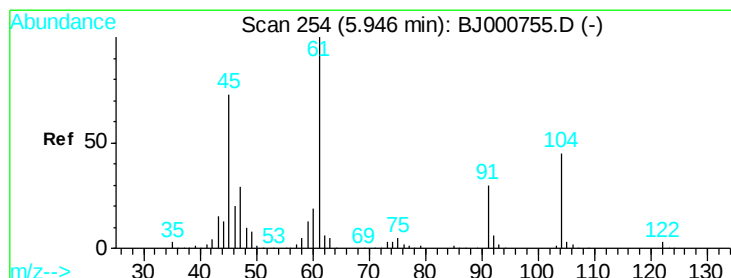
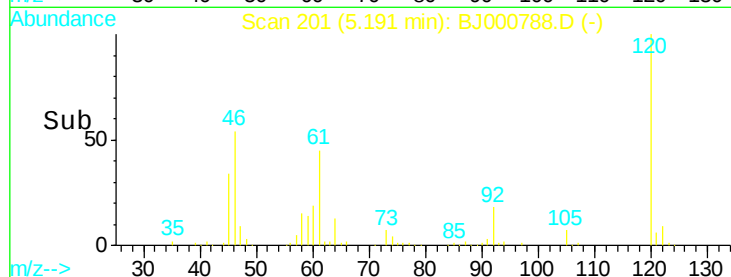
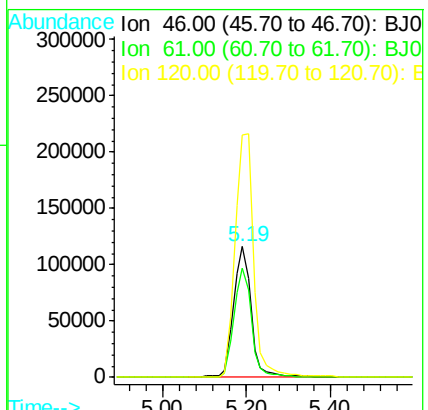
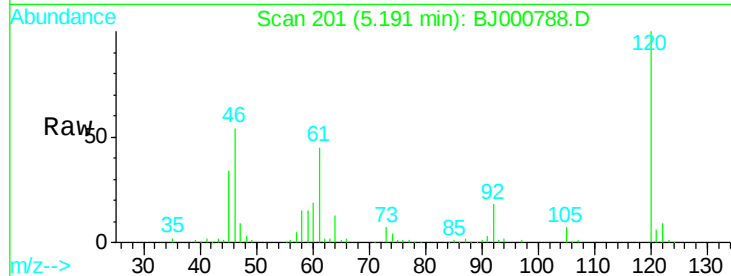
Tgt Ion: 46 Resp: 344044

Ion Ratio Lower Upper

46 100

61 83.4 60.3 100.3

120 185.6 146.0 186.0



#8

Thiodiglycol

Concen: 38.93 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.03 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

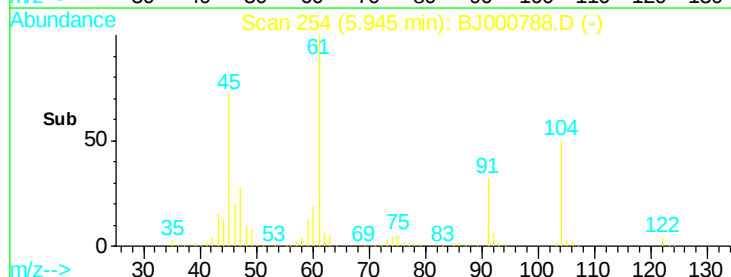
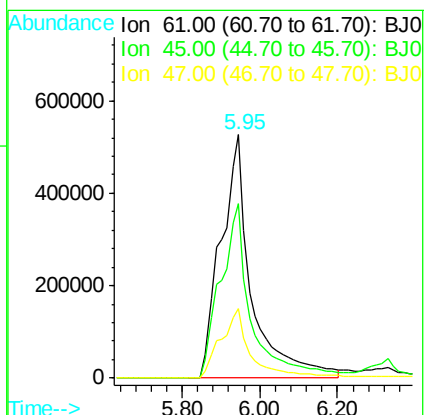
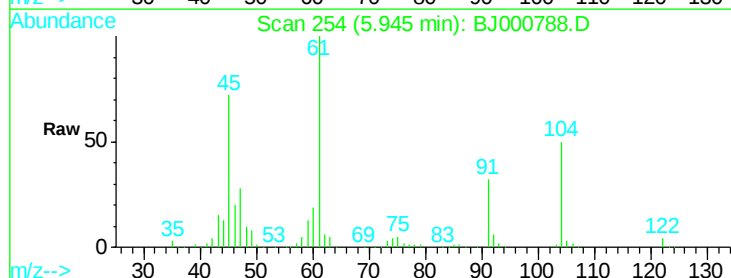
Tgt Ion: 61 Resp: 2910285

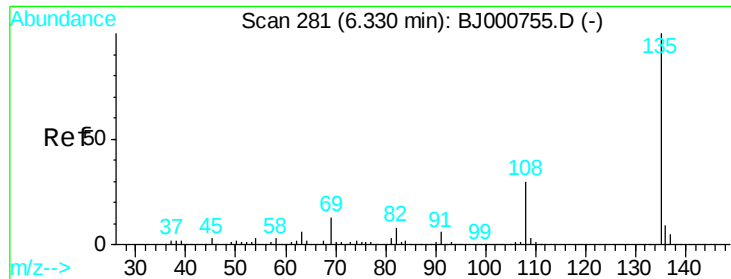
Ion Ratio Lower Upper

61 100

45 71.6 50.6 90.6

47 28.5 8.3 48.3





#9

Benzothiazole

Concen: 11.01 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. -0.01 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

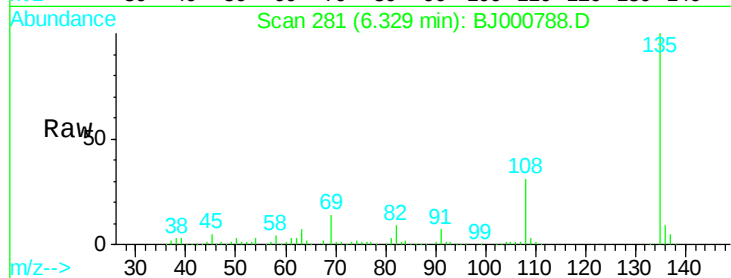
Tgt Ion:135 Resp: 3090718

Ion Ratio Lower Upper

135 100

108 30.9 11.1 51.1

69 14.4 0.0 34.6

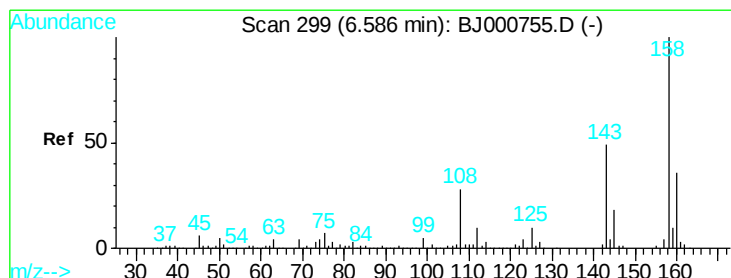
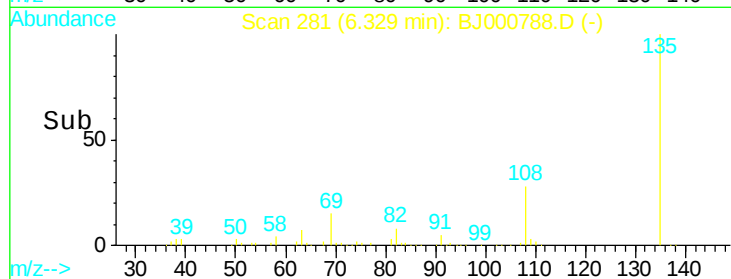
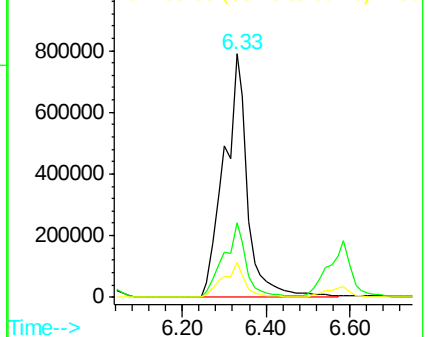


Abundance

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: 9.68 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. -0.01 min

Lab File: BJ000788.D

Acq: 26 Apr 2012 16:53

Tgt Ion:158 Resp: 1879233

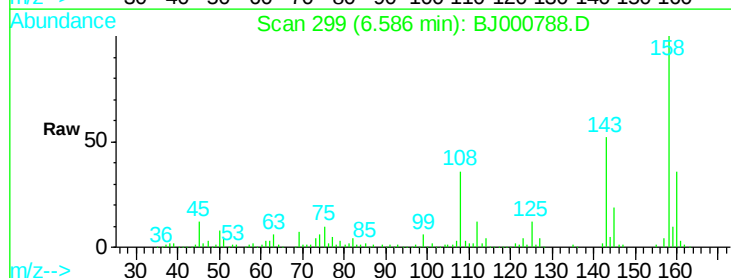
Ion Ratio Lower Upper

158 100

143 52.2 30.8 70.8

108 36.4 14.1 54.1

45 12.4 0.0 29.1



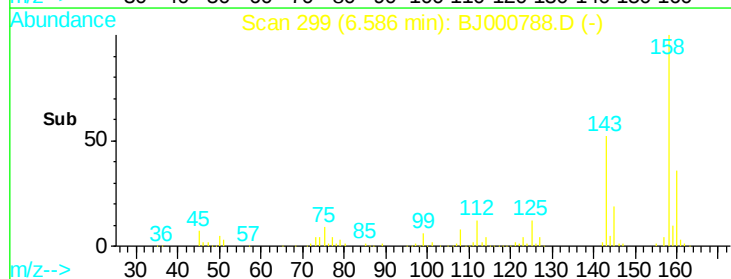
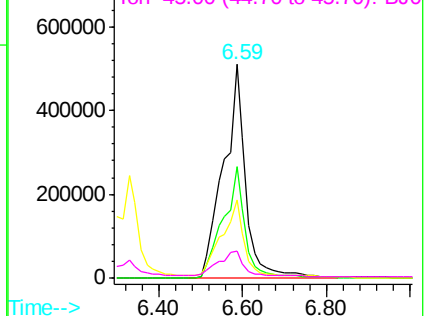
Abundance

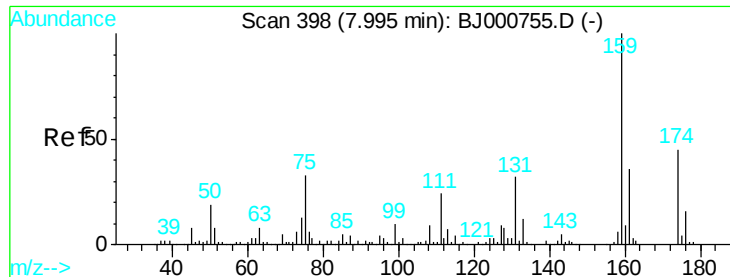
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

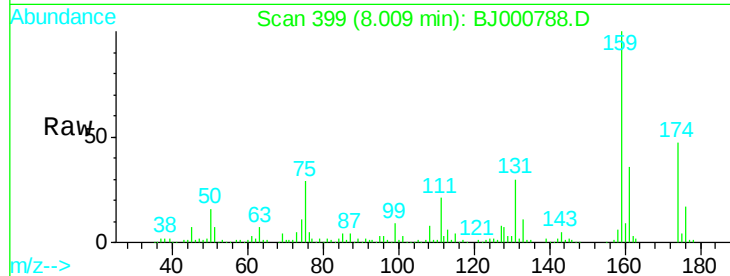
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.55 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. -0.01 min
Lab File: BJ000788.D
Acq: 26 Apr 2012 16:53

Tgt Ion:159 Resp: 1359484
Ion Ratio Lower Upper
159 100
174 46.9 28.6 68.6
108 8.6 0.0 28.2
50 15.9 0.0 36.1



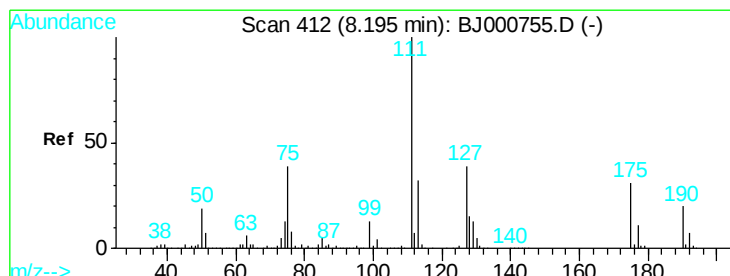
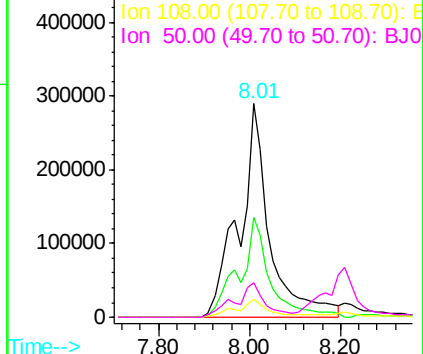
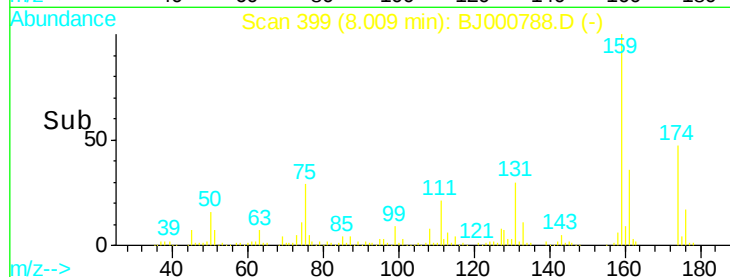
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

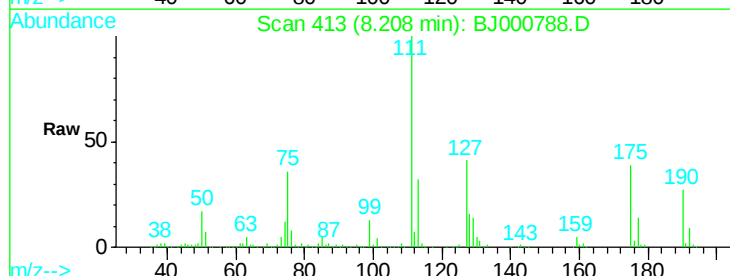
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 10.43 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. -0.01 min
Lab File: BJ000788.D
Acq: 26 Apr 2012 16:53

Tgt Ion:111 Resp: 1664697
Ion Ratio Lower Upper
111 100
75 36.5 12.8 52.8
127 40.9 21.9 61.9
190 27.0 7.7 47.7



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

