

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000762.D
 Acq On : 17 Apr 2012 17:11
 Sample : PB62359BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 18 14:20 2012

Vial: 11
 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	4.74	152	319500	2.00	ug/mL	0.00
6) Naphthalene-d8	6.03	136	1259868	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	171492	0.38	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	76.00%
12) 2-Bromothioanisole	7.33	204	301392	3.45	ug/mL	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#

Target Compounds

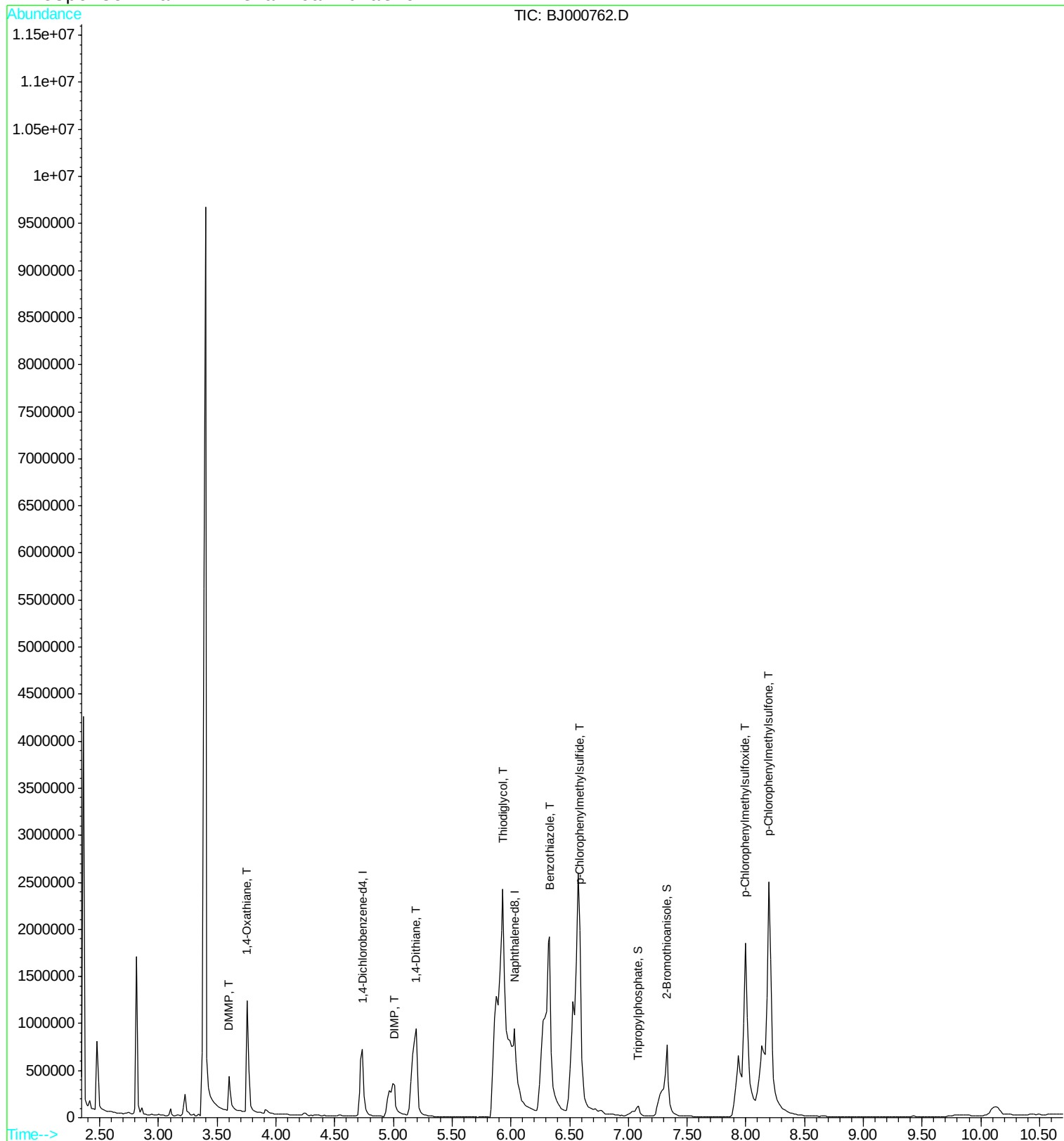
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.60	79	211349	2.66	ug/mL#	71
4) DIMP	5.01	97	539581	1.95	ug/mL	91
5) 1,4-Oxathiane	3.75	46	479664	4.31	ug/mL	98
7) 1,4-Dithiane	5.19	46	407615	4.74	ug/mL#	73
8) Thiodiglycol	5.93	61	3052509	37.35	ug/mL	99
9) Benzothiazole	6.33	135	3386941	9.82	ug/mL	96
11) p-Chlorophenylmethyldisulfide	6.59	158	2156545	9.21	ug/mL	99
13) p-Chlorophenylmethyldisulfoxide	8.00	159	912463	7.48	ug/mL	93
14) p-Chlorophenylmethyldisulfonate	8.20	111	1750841	9.59	ug/mL	97

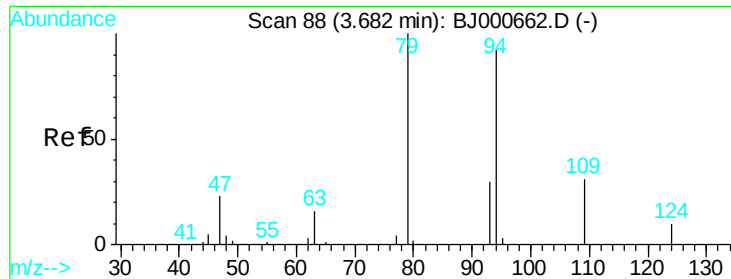
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#3

DMMP

Concen: 2.66 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. 0.00 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

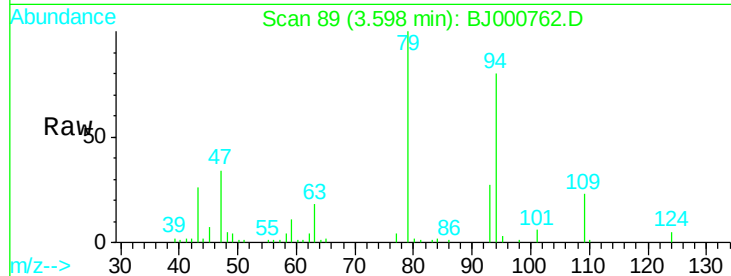
Tgt Ion: 79 Resp: 211349

Ion Ratio Lower Upper

79 100

94 80.0 88.2 128.2#

109 22.8 24.6 64.6#

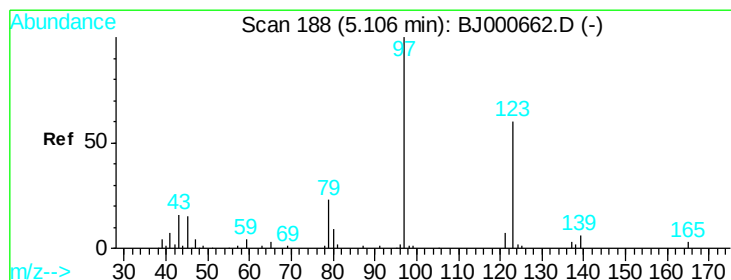
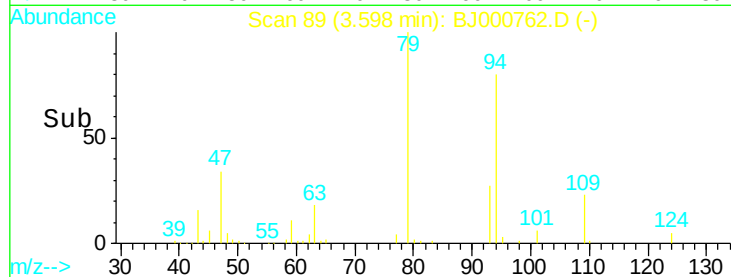
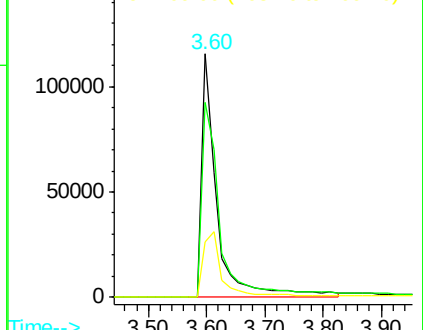


Abundance

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: 1.95 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. 0.00 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

Tgt Ion: 97 Resp: 539581

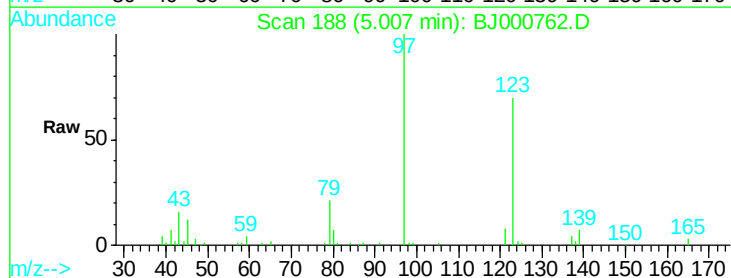
Ion Ratio Lower Upper

97 100

123 70.3 41.1 81.1

43 16.5 0.0 36.9

41 6.9 0.0 28.2



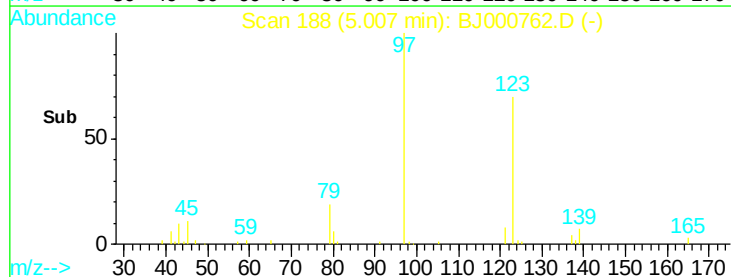
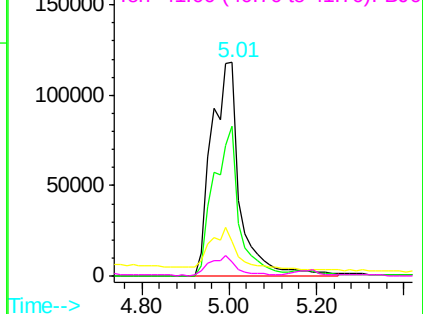
Abundance

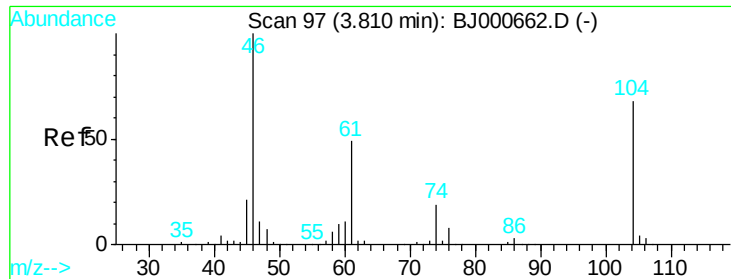
Ion 97.00 (96.70 to 97.70): BJ0

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: 4.31 ug/mL

RT: 3.75 min Scan# 100

Delta R.T. 0.04 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

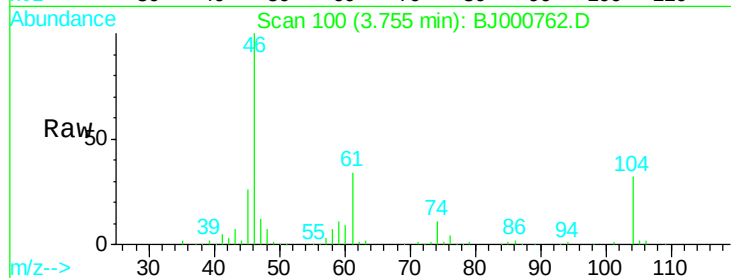
Tgt Ion: 46 Resp: 479664

Ion Ratio Lower Upper

46 100

61 33.7 13.9 53.9

104 32.5 14.6 54.6

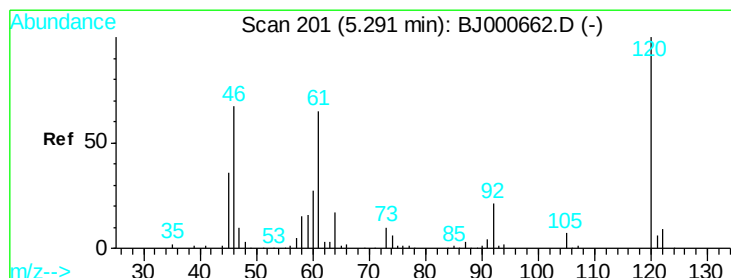
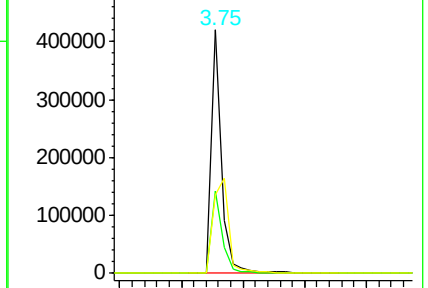
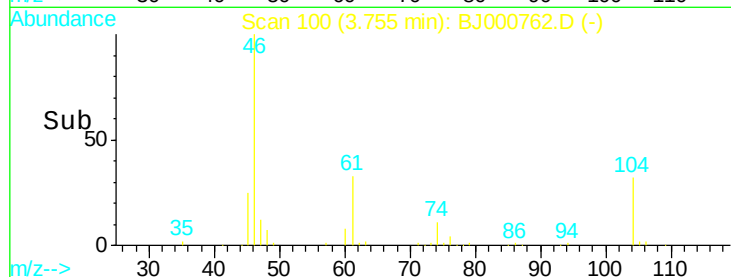


Abundance

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: 4.74 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

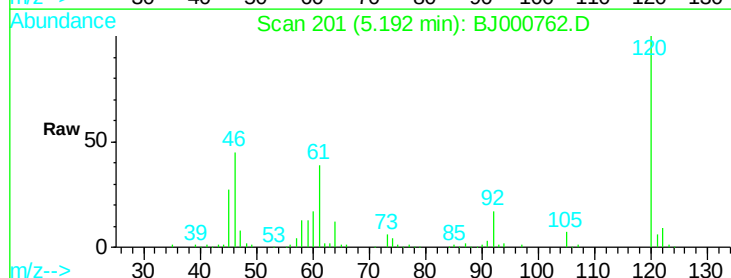
Tgt Ion: 46 Resp: 407615

Ion Ratio Lower Upper

46 100

61 87.4 61.1 101.1

120 223.4 152.3 192.3#

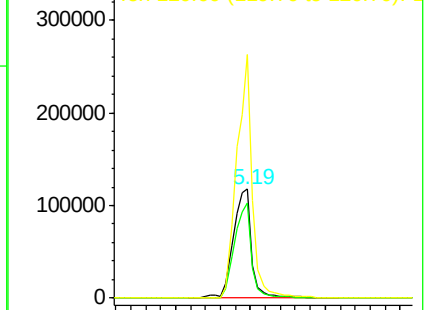
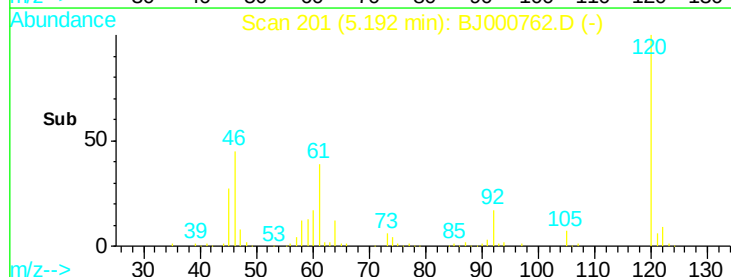


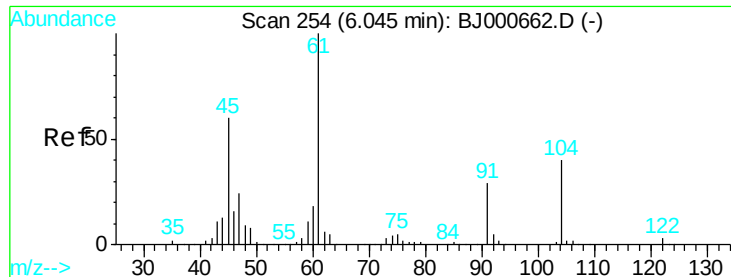
Abundance

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: 37.35 ug/mL

RT: 5.93 min Scan# 253

Delta R.T. -0.01 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

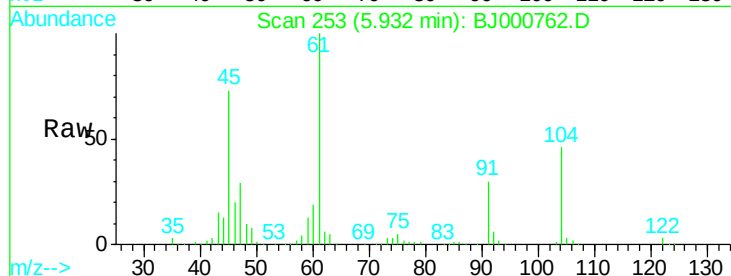
Tgt Ion: 61 Resp: 3052509

Ion Ratio Lower Upper

61 100

45 72.6 53.3 93.3

47 29.1 9.3 49.3

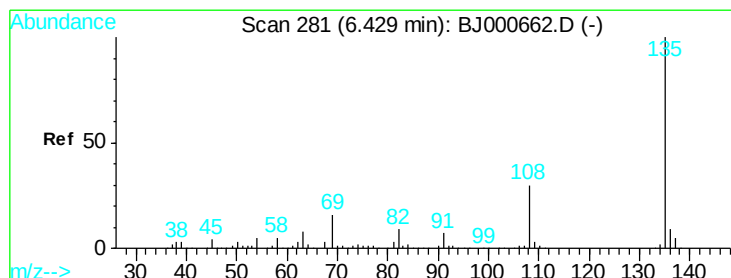
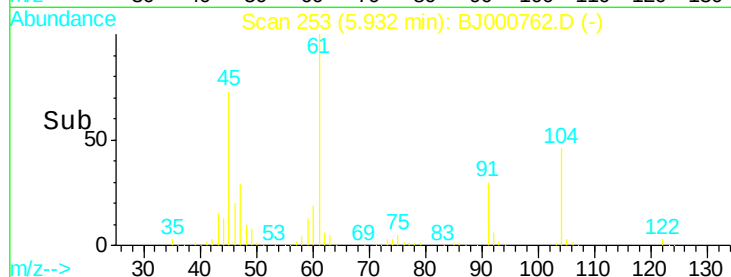
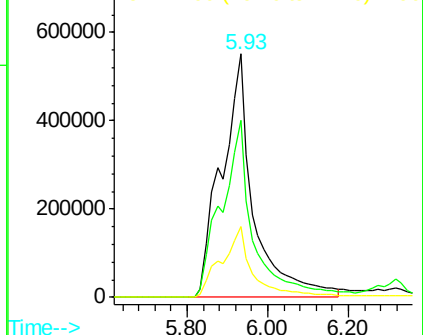


Abundance

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: 9.82 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. 0.00 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

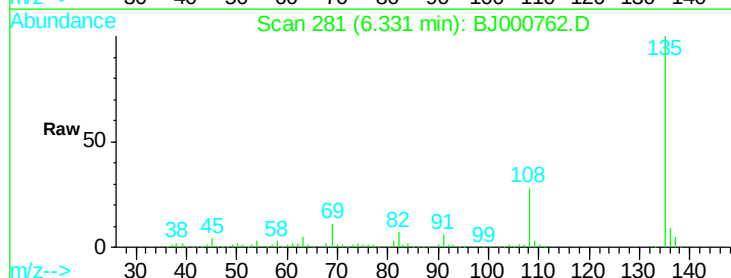
Tgt Ion:135 Resp: 3386941

Ion Ratio Lower Upper

135 100

108 27.9 9.9 49.9

69 11.1 0.0 32.5

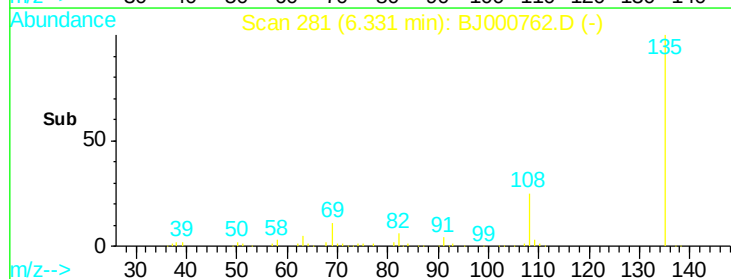
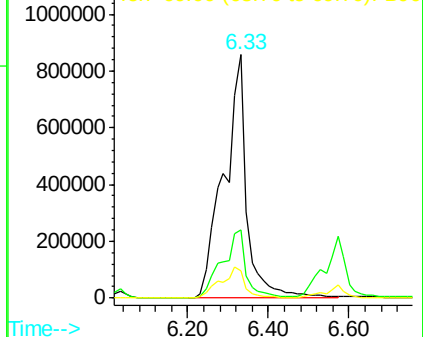


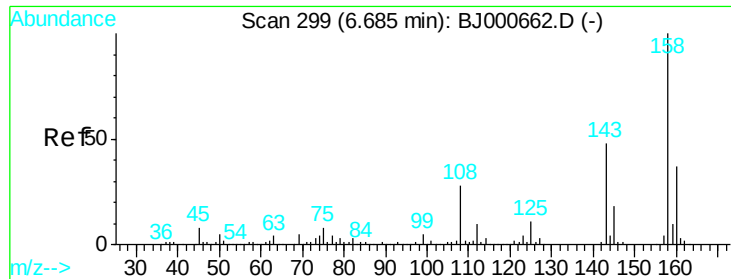
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

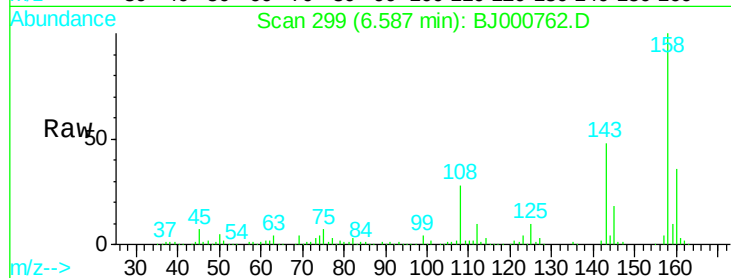
Ion 69.00 (68.70 to 69.70): BJ0





#11
p-Chlorophenylmethylsulfide
Concen: 9.21 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. 0.00 min
Lab File: BJ000762.D
Acq: 17 Apr 2012 17:11

Tgt Ion:	158	Resp:	2156545
Ion	Ratio	Lower	Upper
158	100		
143	47.9	28.9	68.9
108	28.2	8.9	48.9
45	7.4	0.0	27.0



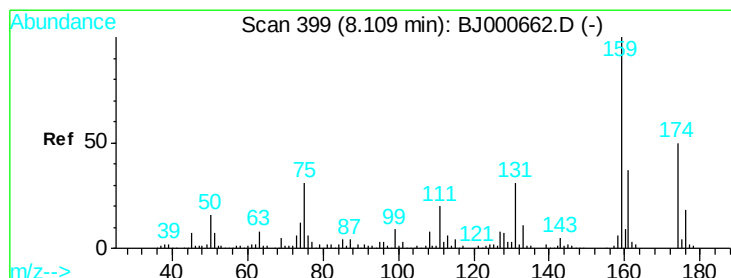
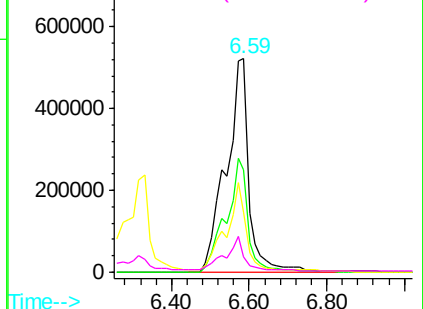
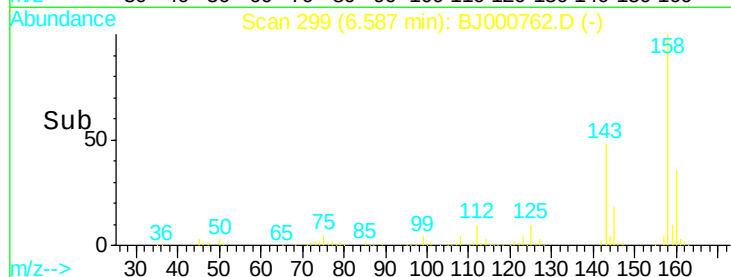
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

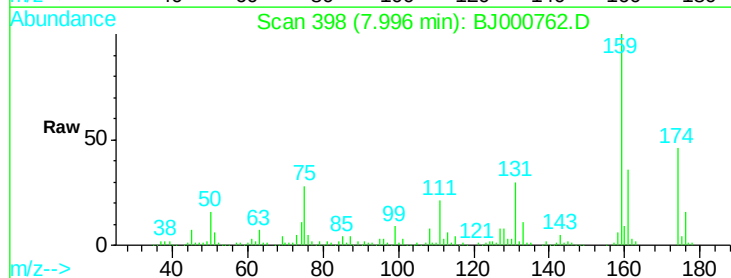
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 7.48 ug/mL
RT: 8.00 min Scan# 398
Delta R.T. 0.00 min
Lab File: BJ000762.D
Acq: 17 Apr 2012 17:11

Tgt Ion:	159	Resp:	912463
Ion	Ratio	Lower	Upper
159	100		
174	50.5	27.3	67.3
108	7.5	0.0	28.2
50	23.5	0.0	36.4



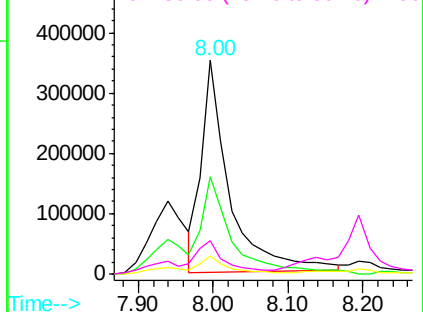
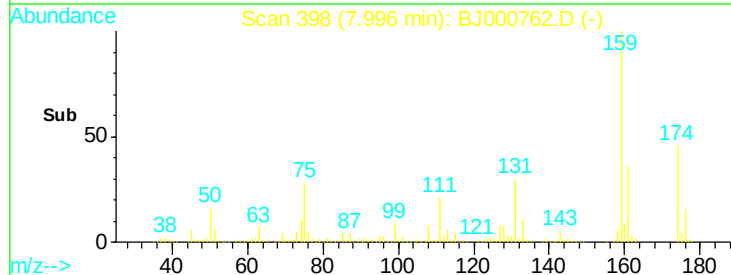
Abundance

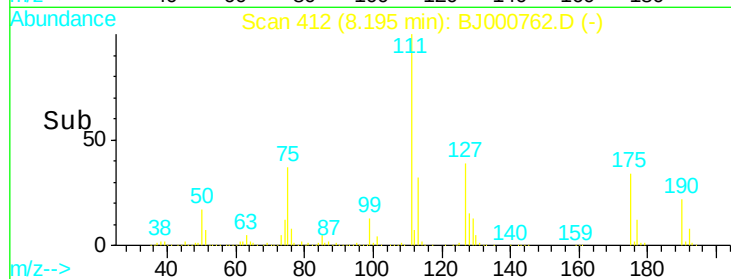
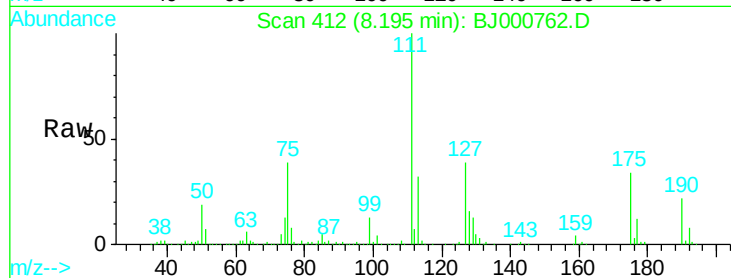
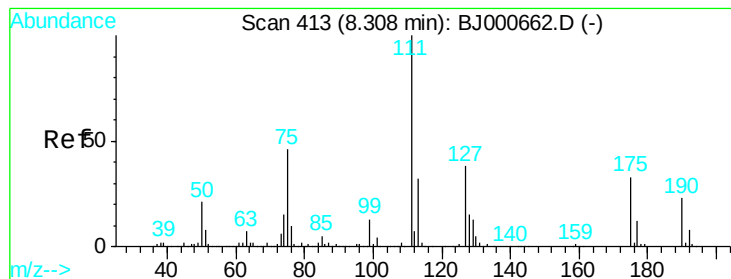
Ion 159.00 (158.70 to 159.70): E

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: 9.59 ug/mL

RT: 8.20 min Scan# 412

Delta R.T. 0.00 min

Lab File: BJ000762.D

Acq: 17 Apr 2012 17:11

Tgt Ion:111 Resp: 1750841

Ion Ratio Lower Upper

111 100

75 38.6 20.1 60.1

127 39.3 18.5 58.5

190 21.8 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

