

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000800.D
 Acq On : 26 Apr 2012 20:31
 Sample : PB62574BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:32 2012

Vial: 16
 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	4.76	152	275469	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1068444	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	203793	0.56	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	7.36	204	336270	4.80	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.66	79	151114	1.74	ug/mL	94
4) DIMP	5.07	97	437018	1.80	ug/mL	94
5) 1,4-Oxathiane	3.77	46	402049	4.12	ug/mL#	80
7) 1,4-Dithiane	5.21	46	314837	4.46	ug/mL#	69
8) Thiodiglycol	5.96	61	2472829	35.08	ug/mL	99
9) Benzothiazole	6.35	135	2636949	9.92	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.61	158	1694258	9.21	ug/mL	96
13) p-Chlorophenylmethyldisulfoxide	8.03	159	740103	7.21	ug/mL	96
14) p-Chlorophenylmethyldisulfonate	8.23	111	1363670	9.01	ug/mL	98

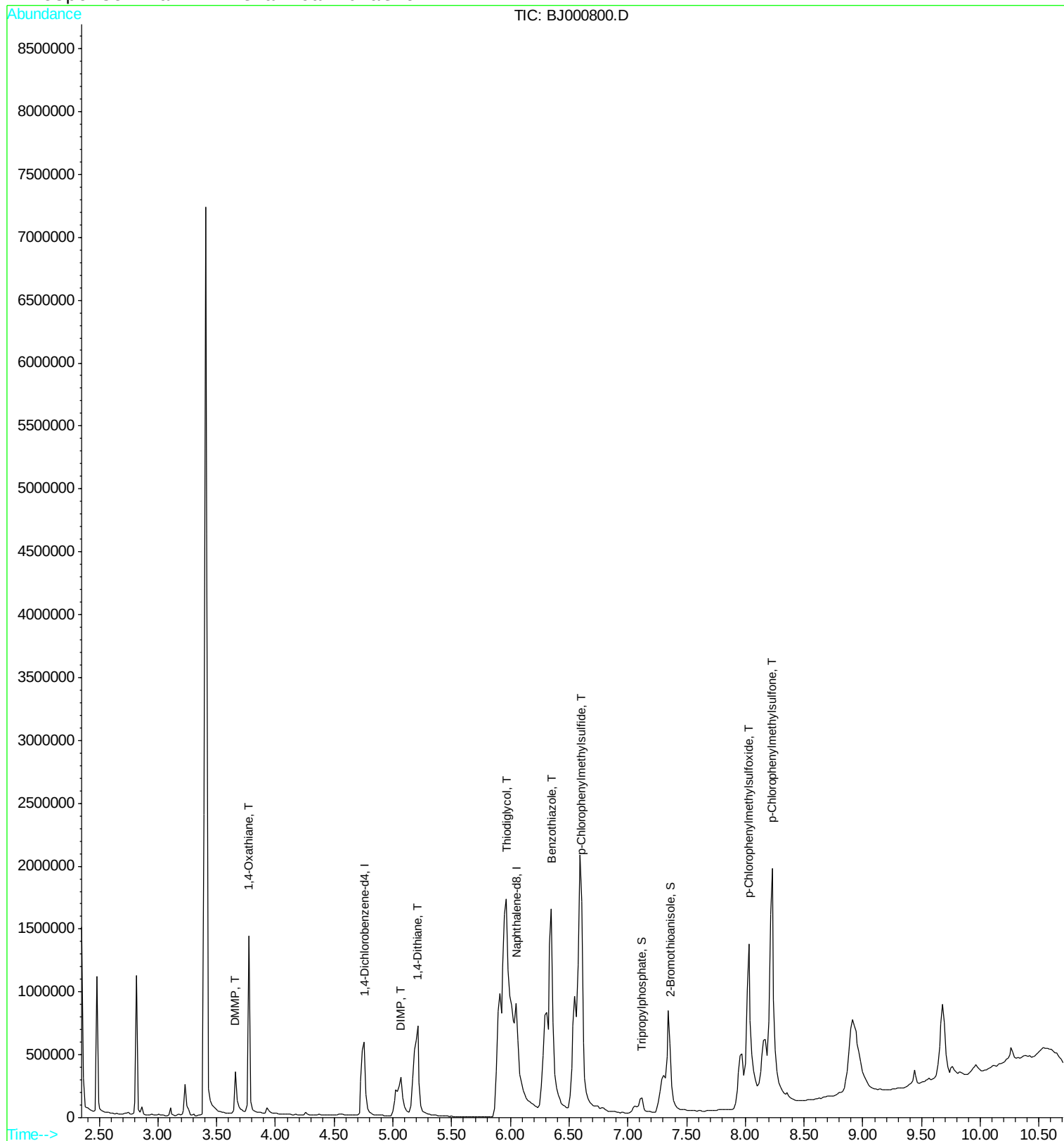
Quantitation Report

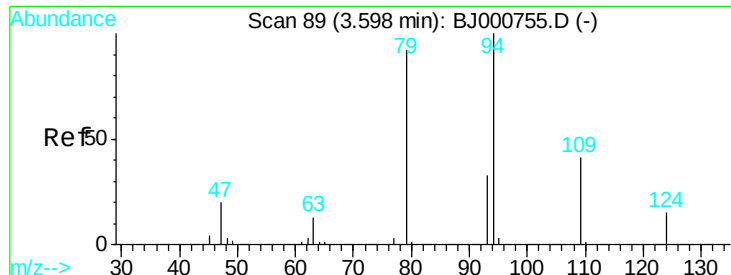
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#3

DMMP

Concen: 1.74 ug/mL

RT: 3.66 min Scan# 93

Delta R.T. 0.05 min

Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

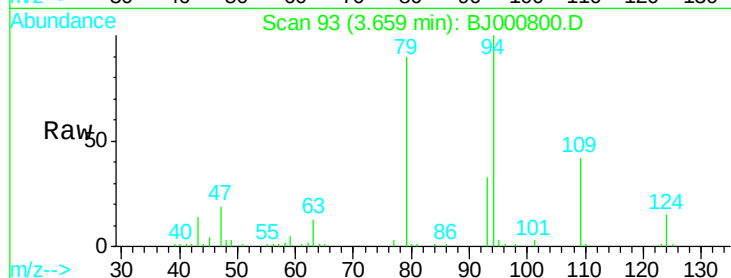
Tgt Ion: 79 Resp: 151114

Ion Ratio Lower Upper

79 100

94 111.0 85.9 125.9

109 46.6 20.8 60.8

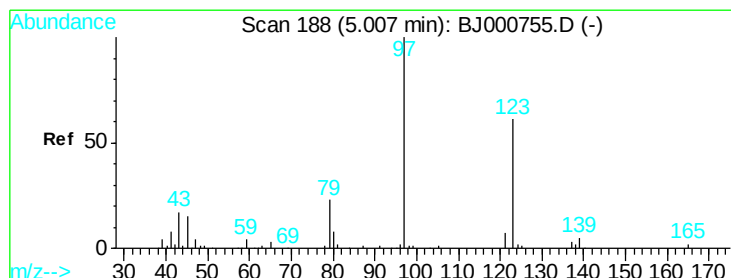
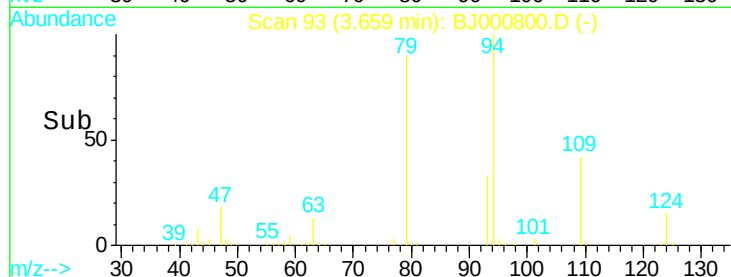
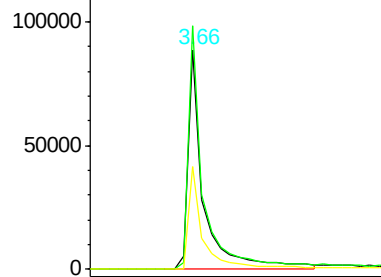


Abundance

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: 1.80 ug/mL

RT: 5.07 min Scan# 192

Delta R.T. 0.05 min

Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

Tgt Ion: 97 Resp: 437018

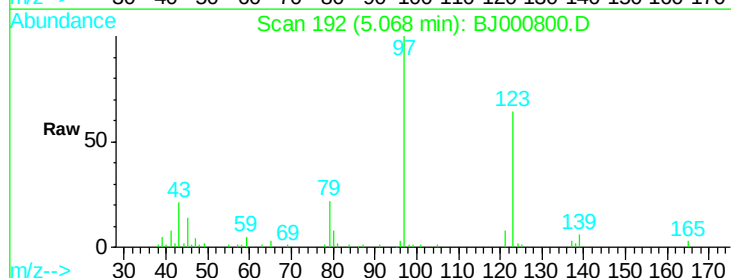
Ion Ratio Lower Upper

97 100

123 64.3 38.9 78.9

43 20.6 0.0 38.8

41 8.2 0.0 29.0



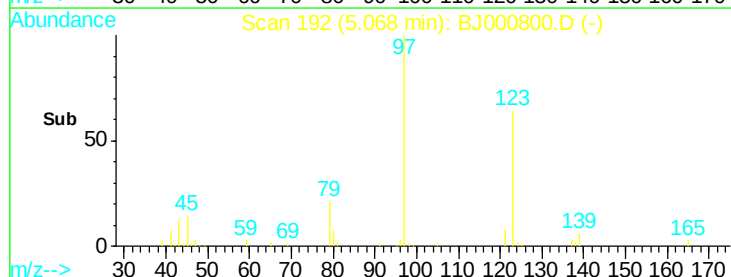
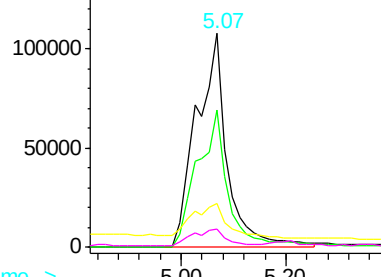
Abundance

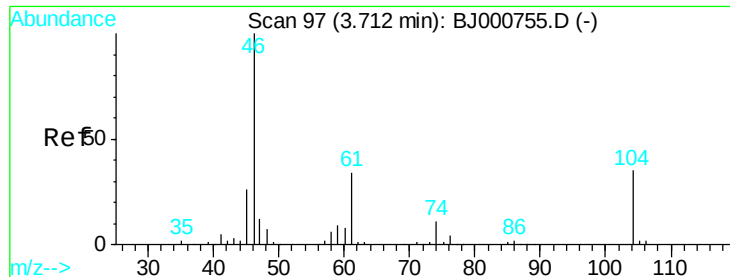
Ion 97.00 (96.70 to 97.70): BJ0

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: 4.12 ug/mL

RT: 3.77 min Scan# 101

Delta R.T. 0.03 min

Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

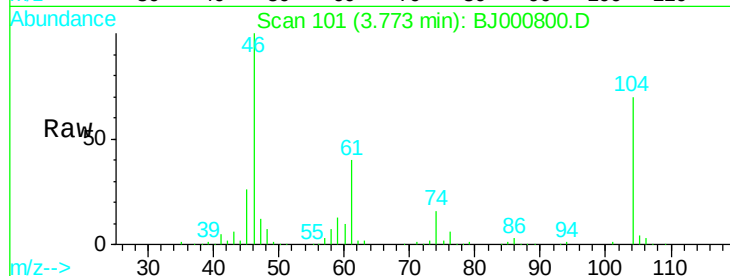
Tgt Ion: 46 Resp: 402049

Ion Ratio Lower Upper

46 100

61 40.4 23.6 63.6

104 70.0 76.3 116.3#

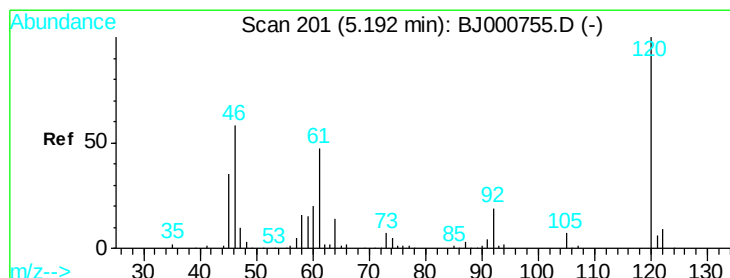
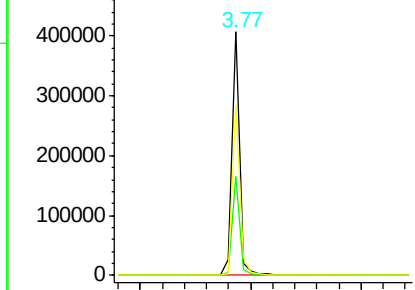
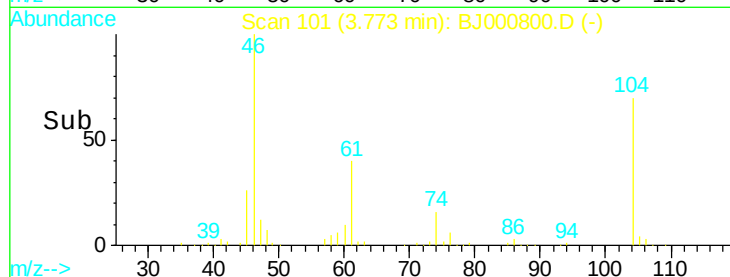


Abundance

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: 4.46 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.00 min

Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

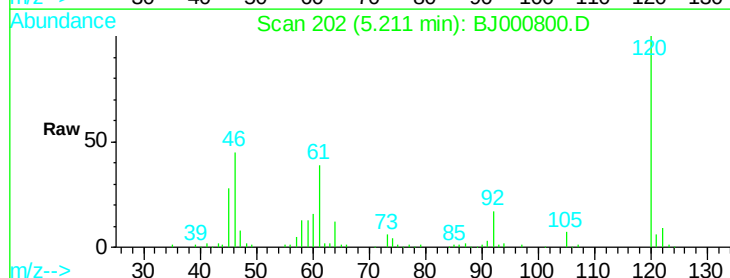
Tgt Ion: 46 Resp: 314837

Ion Ratio Lower Upper

46 100

61 86.0 60.3 100.3

120 223.1 146.0 186.0#

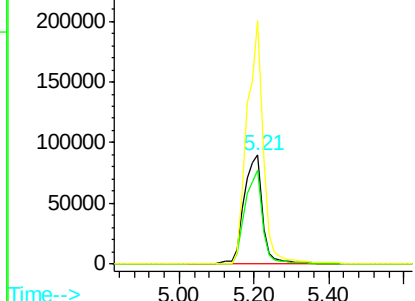
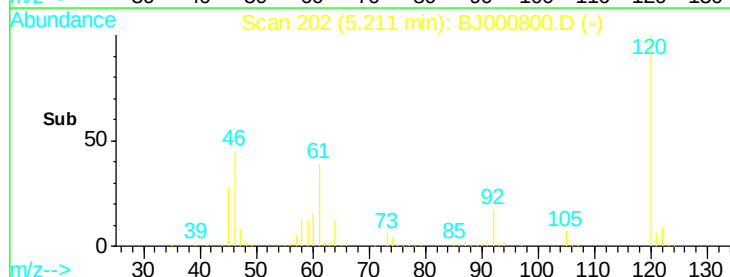


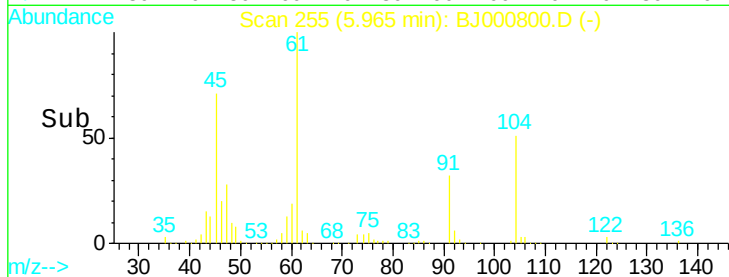
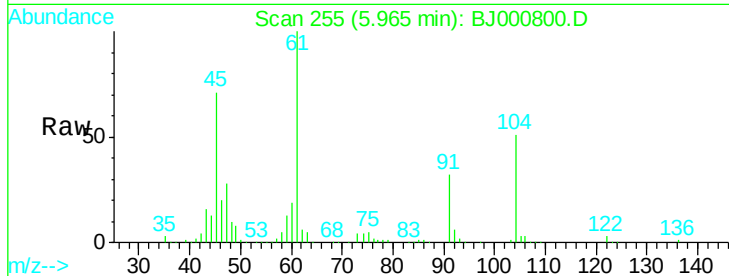
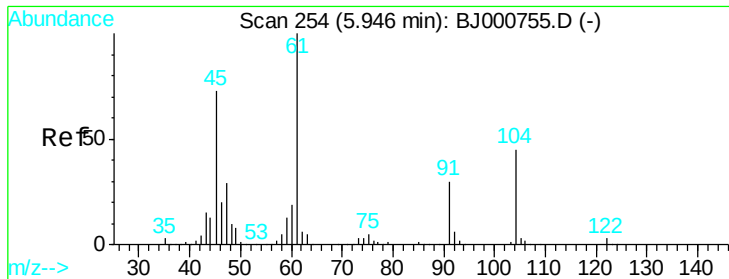
Abundance

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: 35.08 ug/mL

RT: 5.96 min Scan# 255

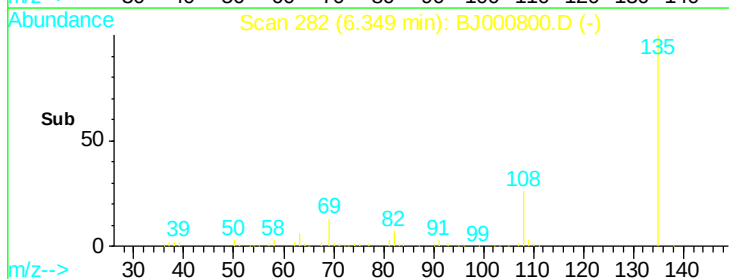
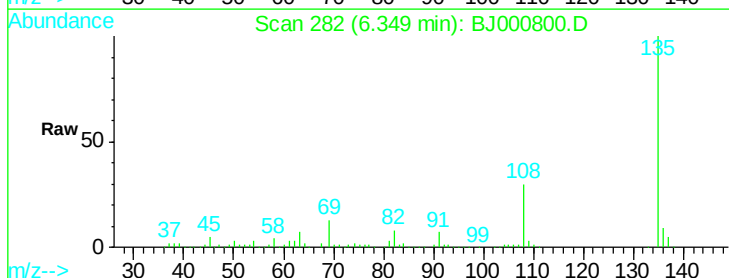
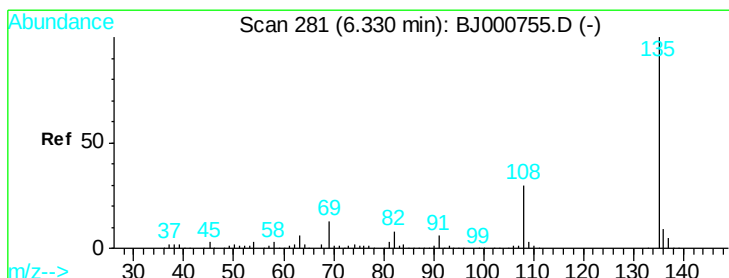
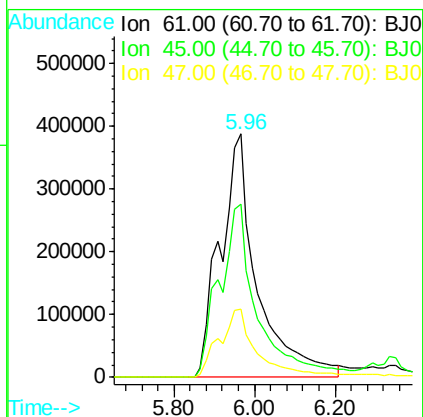
Delta R.T. -0.01 min

Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

Tgt Ion: 61 Resp: 2472829

Ion	Ratio	Lower	Upper
61	100		
45	71.1	50.6	90.6
47	28.1	8.3	48.3



#9

Benzothiazole

Concen: 9.92 ug/mL

RT: 6.35 min Scan# 282

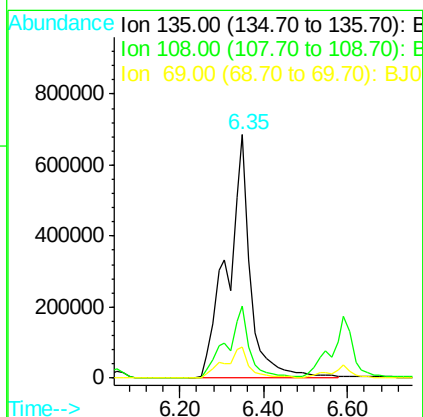
Delta R.T. 0.00 min

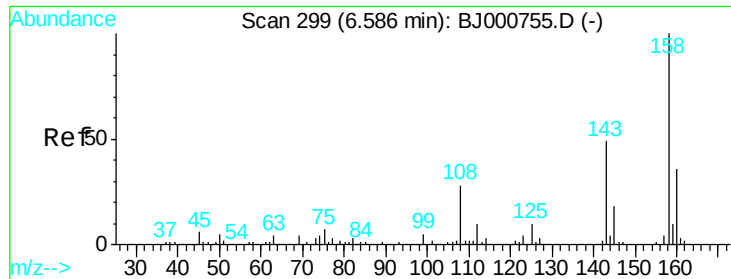
Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

Tgt Ion: 135 Resp: 2636949

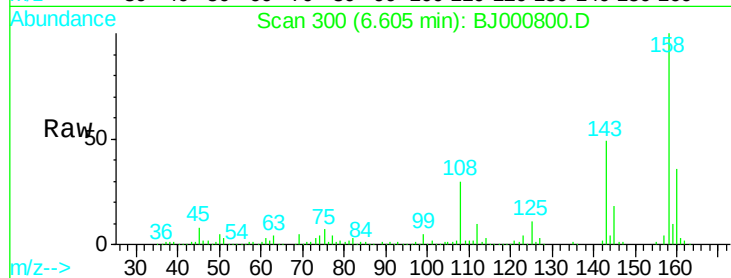
Ion	Ratio	Lower	Upper
135	100		
108	29.6	11.1	51.1
69	13.0	0.0	34.6





#11
p-Chlorophenylmethylsulfide
Concen: 9.21 ug/mL
RT: 6.61 min Scan# 300
Delta R.T. 0.00 min
Lab File: BJ000800.D
Acq: 26 Apr 2012 20:31

Tgt Ion:	158	Resp:	1694258
Ion	Ratio	Lower	Upper
158	100		
143	48.8	30.8	70.8
108	30.3	14.1	54.1
45	8.3	0.0	29.1



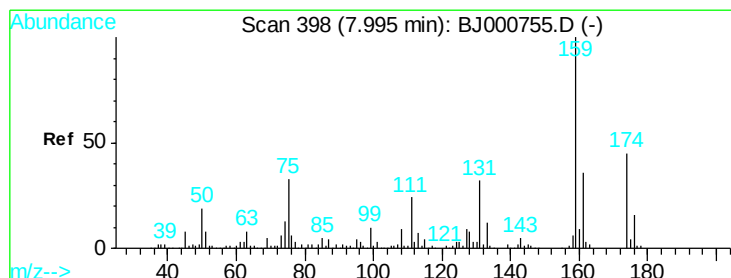
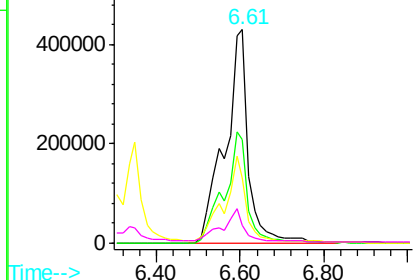
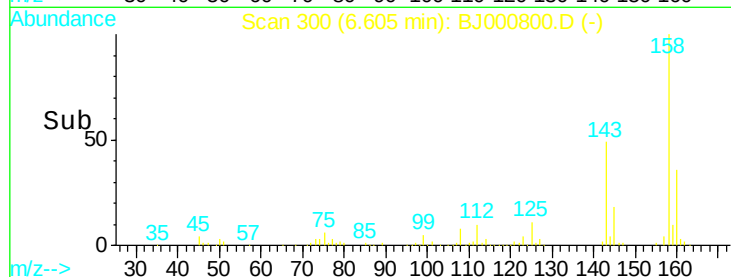
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

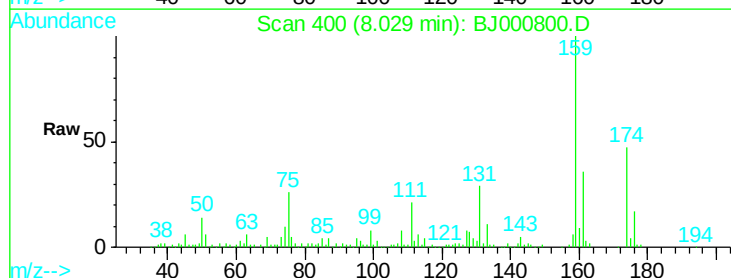
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 7.21 ug/mL
RT: 8.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: BJ000800.D
Acq: 26 Apr 2012 20:31

Tgt Ion:	159	Resp:	740103
Ion	Ratio	Lower	Upper
159	100		
174	50.7	28.6	68.6
108	7.1	0.0	28.2
50	12.4	0.0	36.1



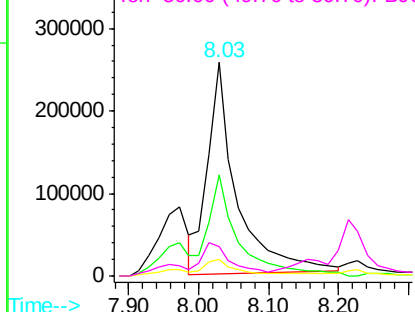
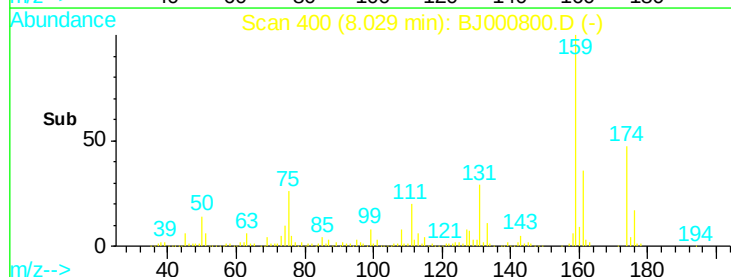
Abundance

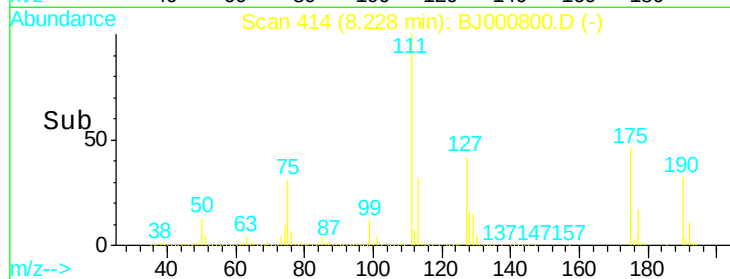
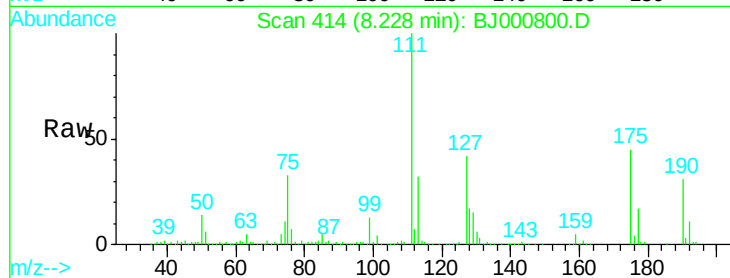
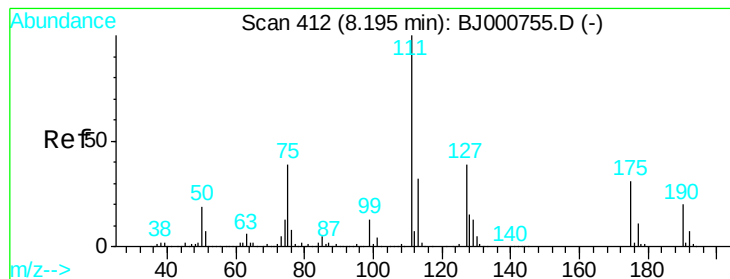
Ion 159.00 (158.70 to 159.70): E

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: 9.01 ug/mL

RT: 8.23 min Scan# 414

Delta R.T. 0.00 min

Lab File: BJ000800.D

Acq: 26 Apr 2012 20:31

Tgt Ion:111 Resp: 1363670

Ion Ratio Lower Upper

111 100

75 32.5 12.8 52.8

127 41.7 21.9 61.9

190 31.3 7.7 47.7

