

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000780.D
 Acq On : 26 Apr 2012 13:52
 Sample : CWA-3
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 26 16:07 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 : Thu Apr 26 16:03:58 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	275106	2.00	ug/mL	0.00
6) Naphthalene-d8	6.06	136	1135645	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	195486	0.49	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
12) 2-Bromothioanisole	7.36	204	199283	2.53	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.60%#

Target Compounds

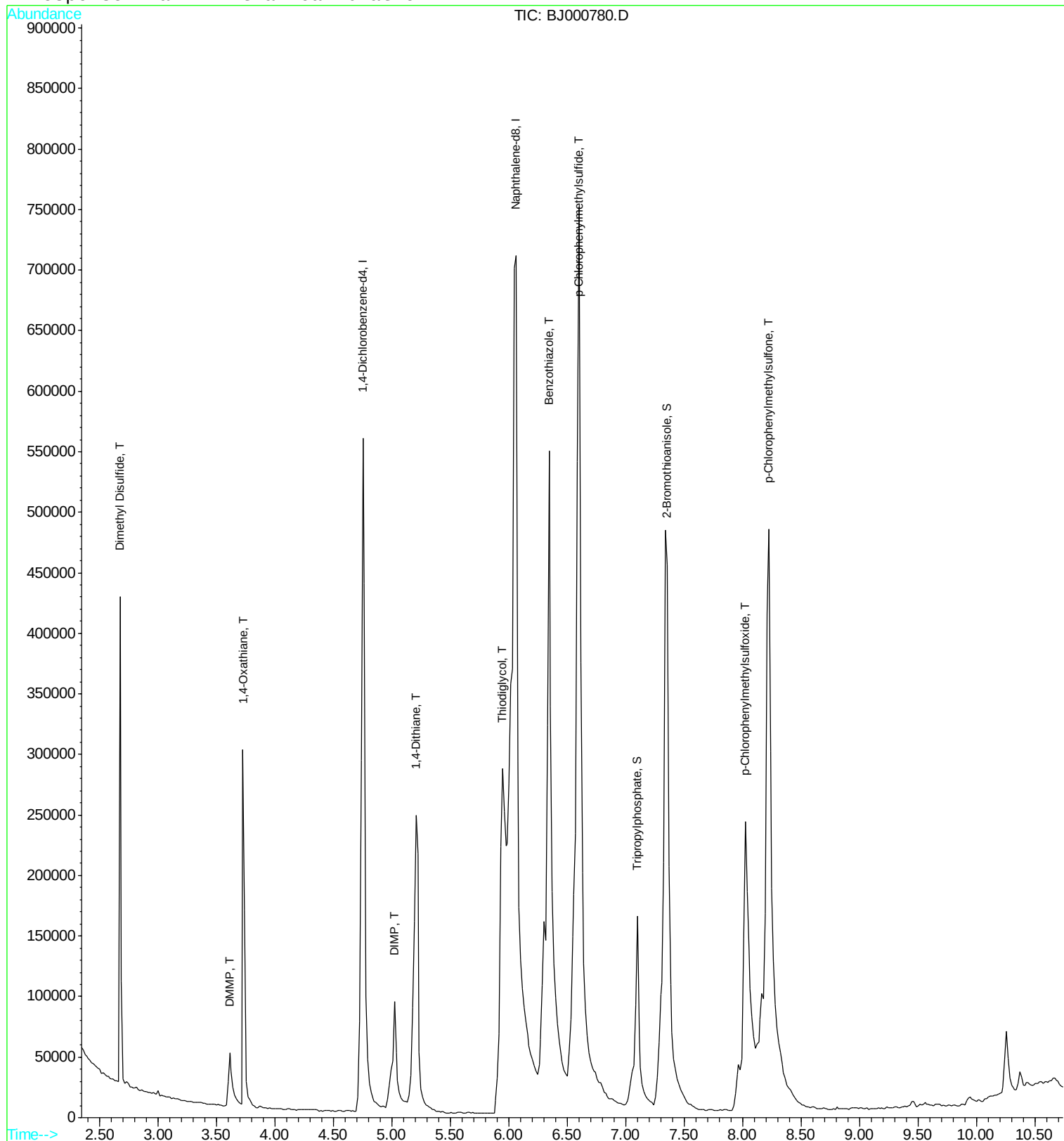
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.67	94	117504	1.12	ug/mL	100
3) DMMP	3.61	79	38018	0.56	ug/mL	100
4) DIMP	5.02	97	108750	0.53	ug/mL	100
5) 1,4-Oxathiane	3.73	46	130662	1.36	ug/mL	100
7) 1,4-Dithiane	5.21	46	102461	1.32	ug/mL	100
8) Thiodiglycol	5.95	61	456106	7.28	ug/mL	100
9) Benzothiazole	6.34	135	763553	2.46	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.60	158	528963	2.51	ug/mL	100
13) p-Chlorophenylmethyldisulfox	8.02	159	221680	2.01	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.22	111	359539	2.19	ug/mL	100

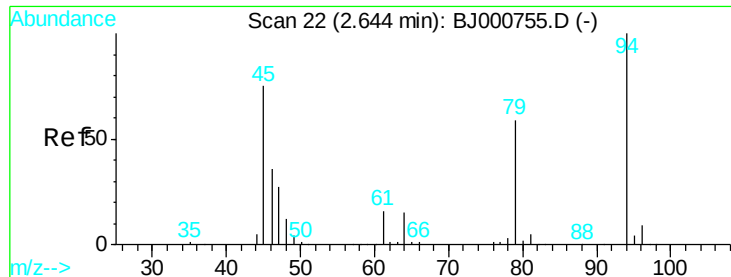
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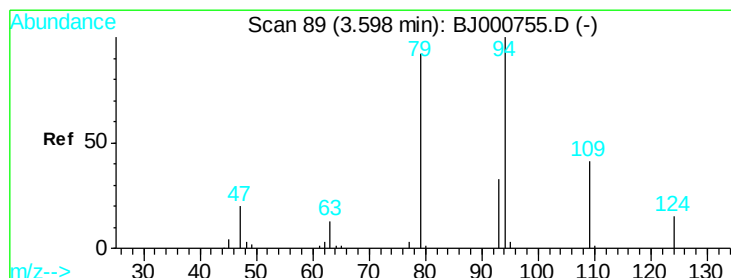
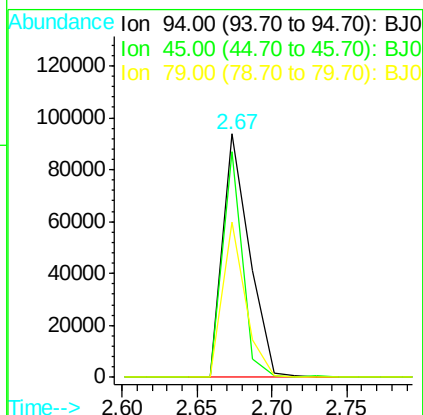
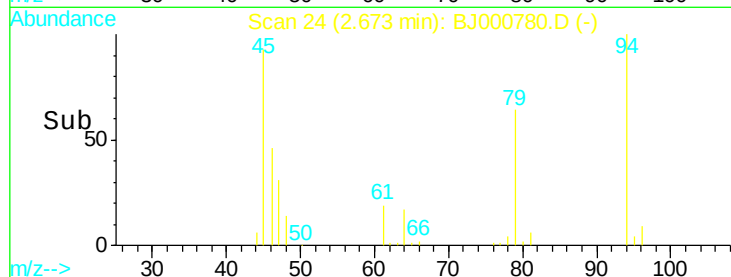
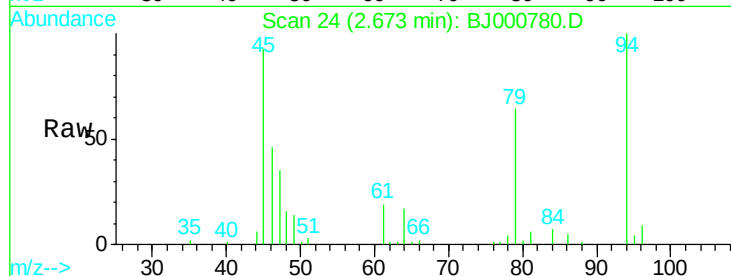




#2
 Dimethyl Disulfide
 Concen: 1.12 ug/mL
 RT: 2.67 min Scan# 24
 Delta R.T. 0.00 min
 Lab File: BJ000780.D
 Acq: 26 Apr 2012 13:52

Tgt Ion: 94 Resp: 117504

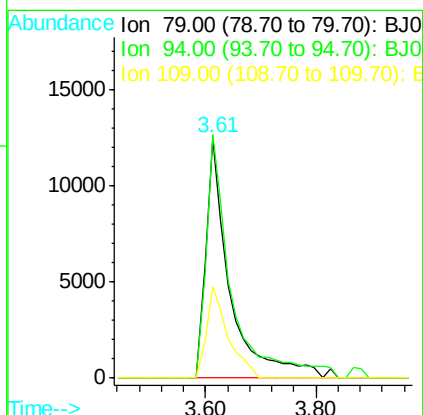
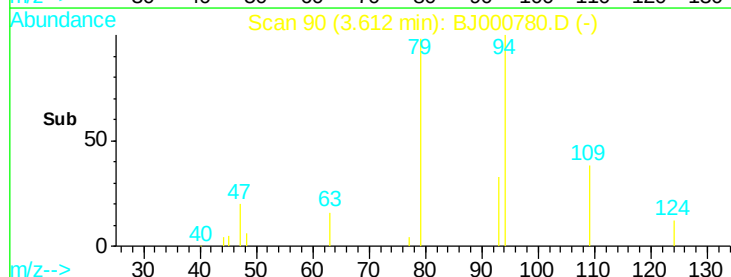
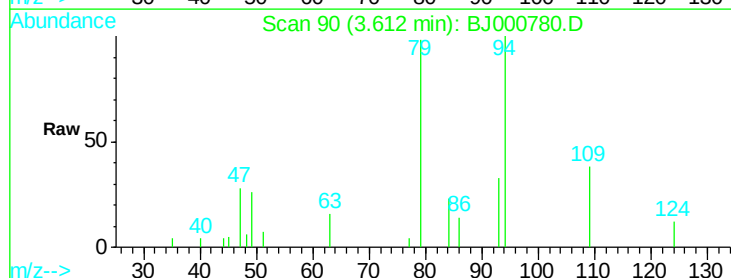
Ion	Ratio	Lower	Upper
94	100		
45	92.8	72.8	112.8
79	63.9	43.9	83.9

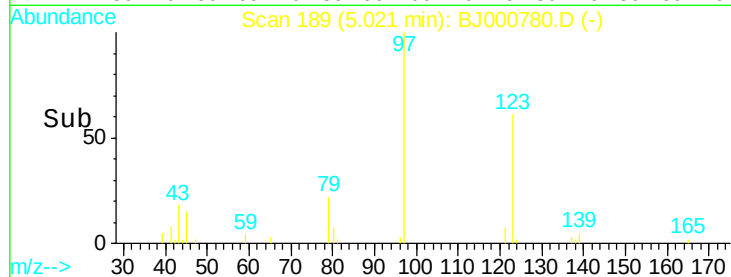
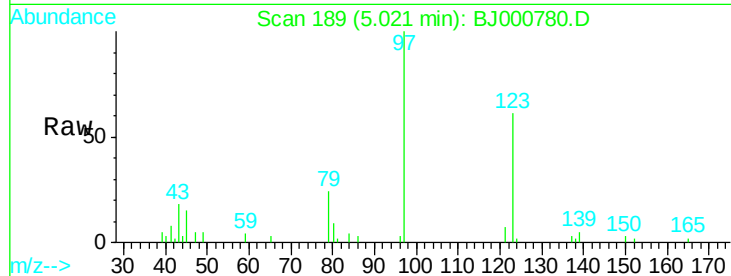
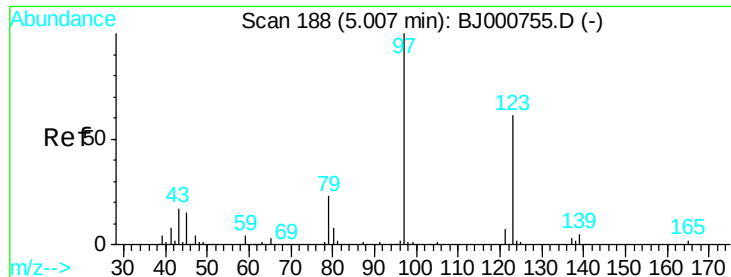


#3
 DMMP
 Concen: 0.56 ug/mL
 RT: 3.61 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BJ000780.D
 Acq: 26 Apr 2012 13:52

Tgt Ion: 79 Resp: 38018

Ion	Ratio	Lower	Upper
79	100		
94	101.5	81.5	121.5
109	38.2	18.2	58.2





#4

DIMP

Concen: 0.53 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. 0.00 min

Lab File: BJ000780.D

Acq: 26 Apr 2012 13:52

Tgt Ion: 97 Resp: 108750

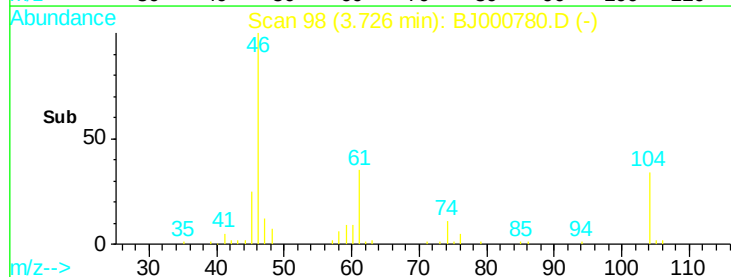
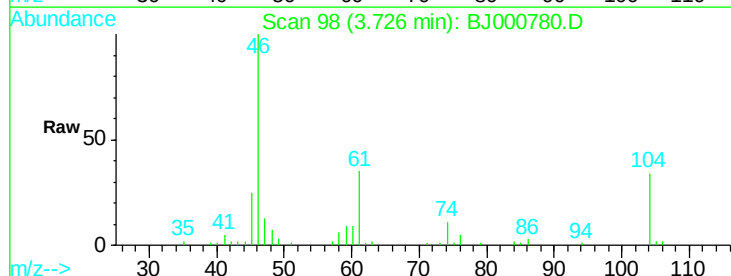
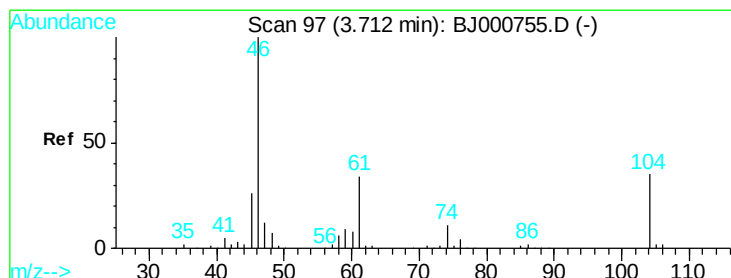
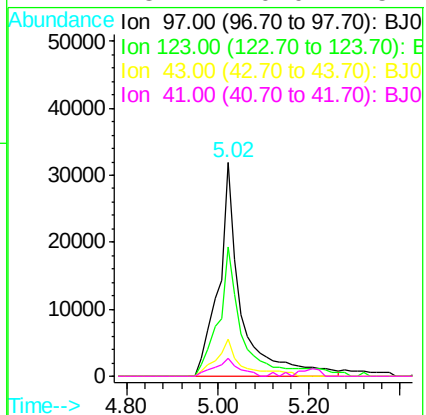
Ion Ratio Lower Upper

97 100

123 60.6 40.6 80.6

43 17.6 0.0 37.6

41 8.4 0.0 28.4



#5

1,4-Oxathiane

Concen: 1.36 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000780.D

Acq: 26 Apr 2012 13:52

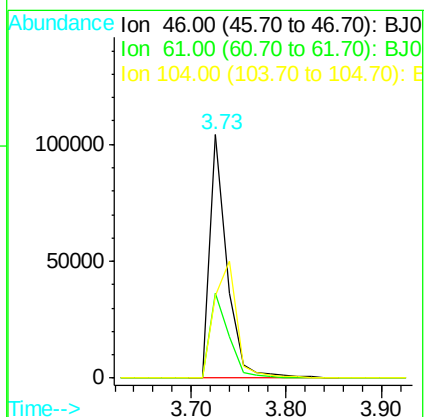
Tgt Ion: 46 Resp: 130662

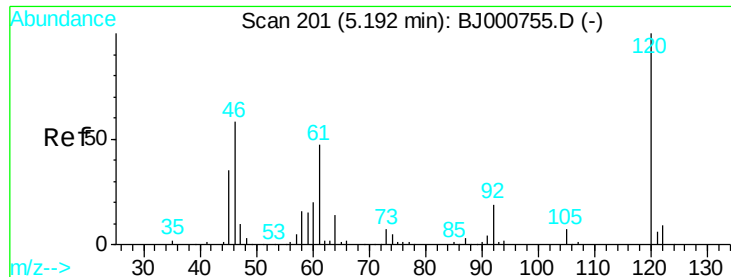
Ion Ratio Lower Upper

46 100

61 34.6 14.6 54.6

104 33.7 13.7 53.7





#7

1,4-Dithiane

Concen: 1.32 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.00 min

Lab File: BJ000780.D

Acq: 26 Apr 2012 13:52

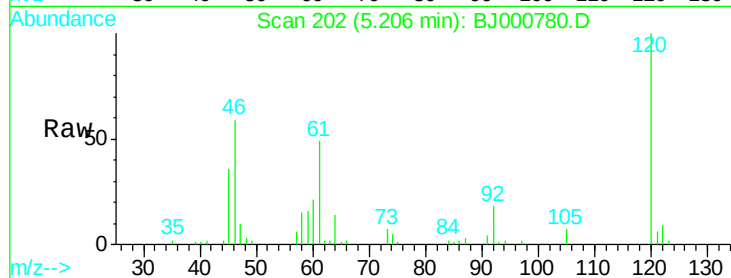
Tgt Ion: 46 Resp: 102461

Ion Ratio Lower Upper

46 100

61 82.3 62.3 102.3

120 169.0 149.0 189.0

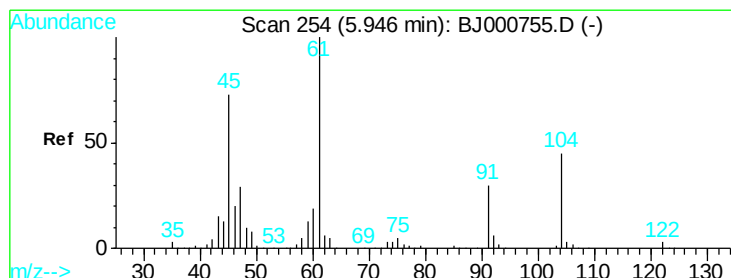
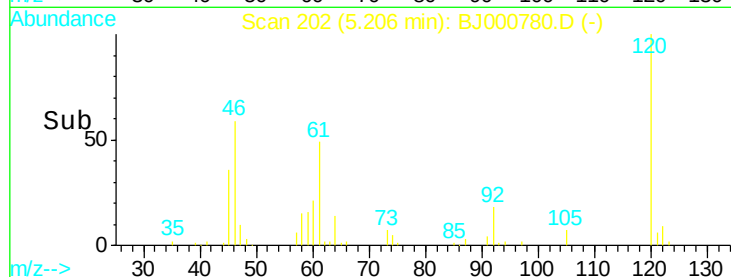
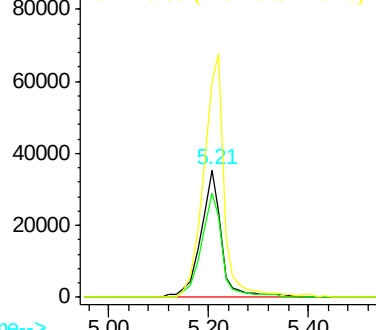


Abundance

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: 7.28 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. 0.00 min

Lab File: BJ000780.D

Acq: 26 Apr 2012 13:52

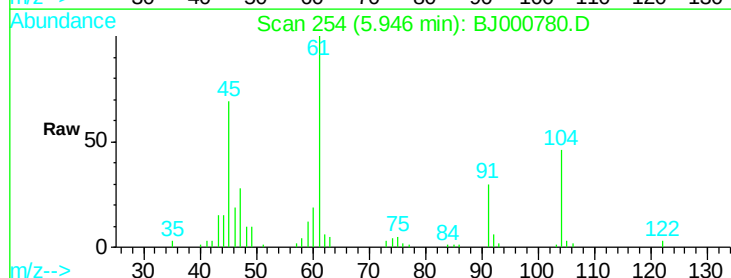
Tgt Ion: 61 Resp: 456106

Ion Ratio Lower Upper

61 100

45 69.4 49.4 89.4

47 27.9 7.9 47.9

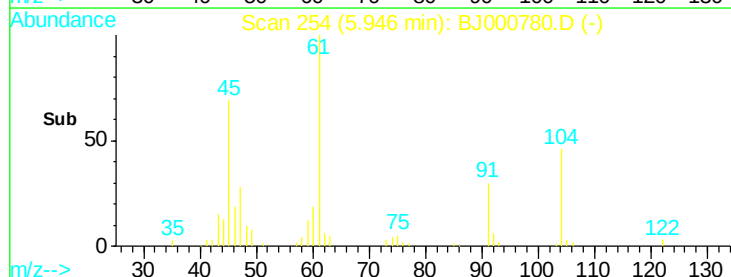
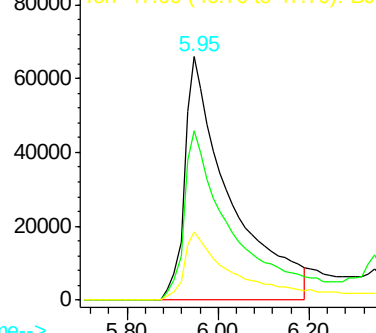


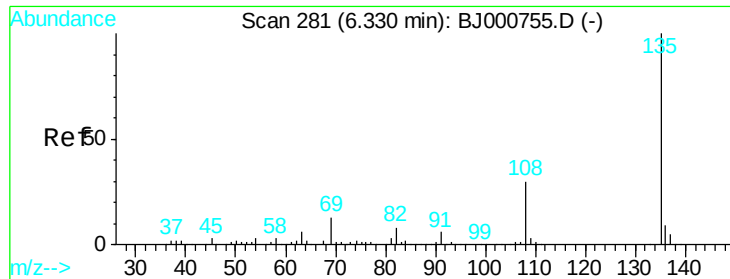
Abundance

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: 2.46 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000780.D

Acq: 26 Apr 2012 13:52

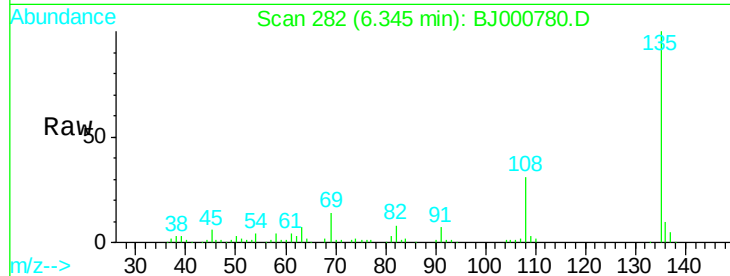
Tgt Ion:135 Resp: 763553

Ion Ratio Lower Upper

135 100

108 31.0 11.0 51.0

69 14.2 0.0 34.2

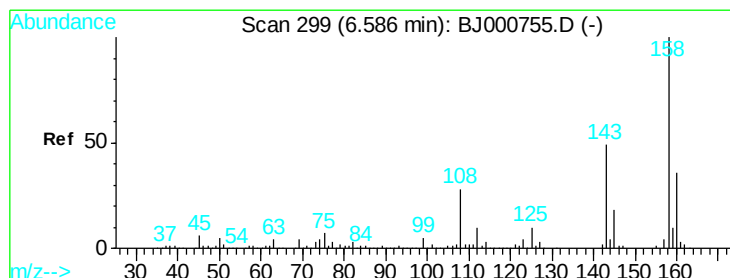
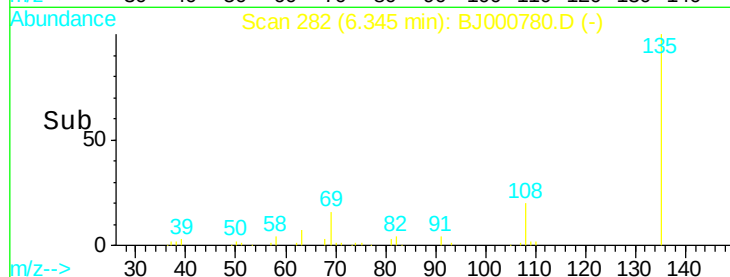
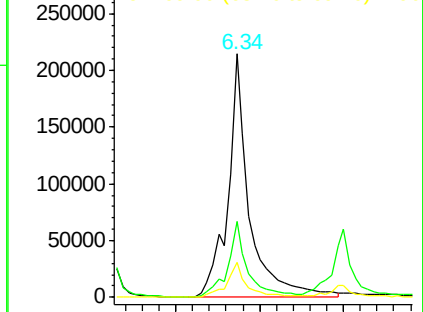


Abundance

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: 2.51 ug/mL

RT: 6.60 min Scan# 300

Delta R.T. 0.00 min

Lab File: BJ000780.D

Acq: 26 Apr 2012 13:52

Tgt Ion:158 Resp: 528963

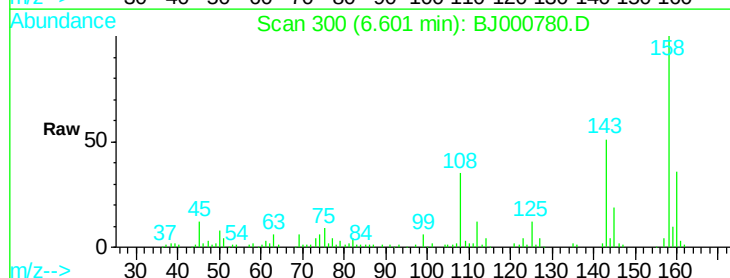
Ion Ratio Lower Upper

158 100

143 51.4 31.4 71.4

108 35.5 15.5 55.5

45 12.2 0.0 32.2



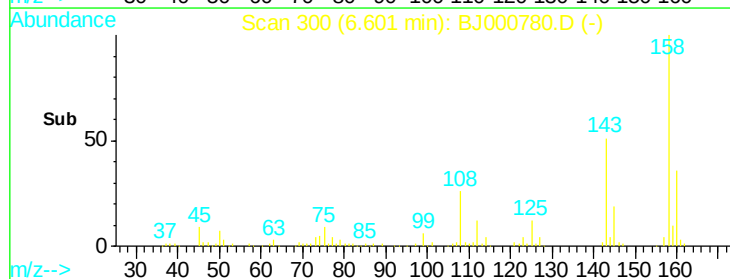
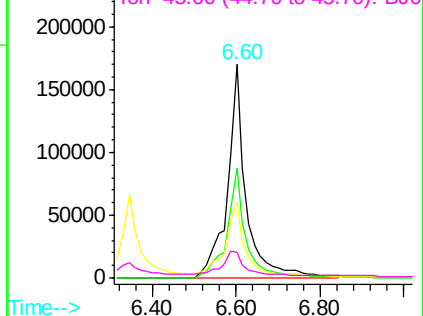
Abundance

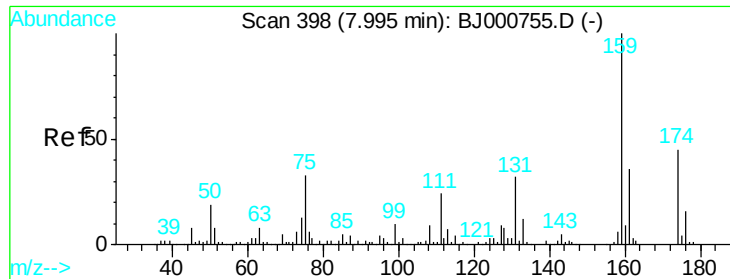
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

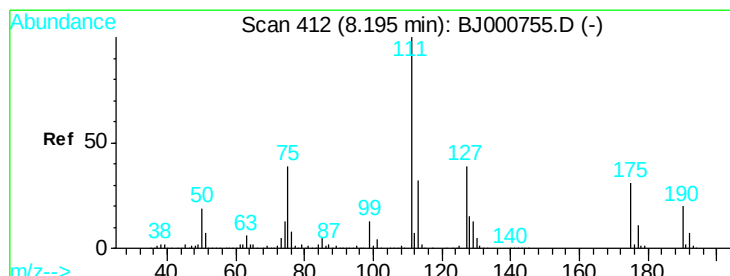
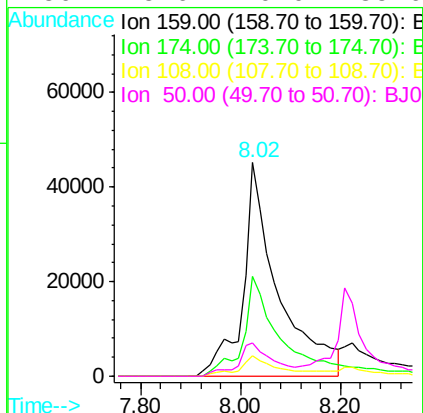
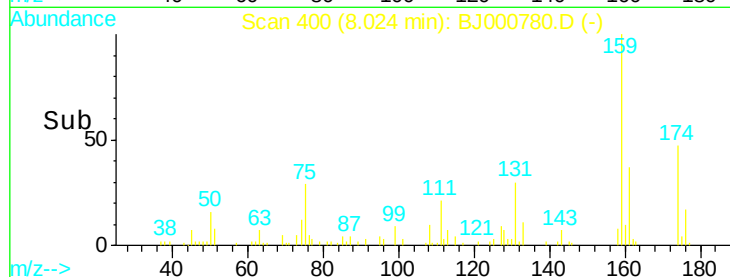
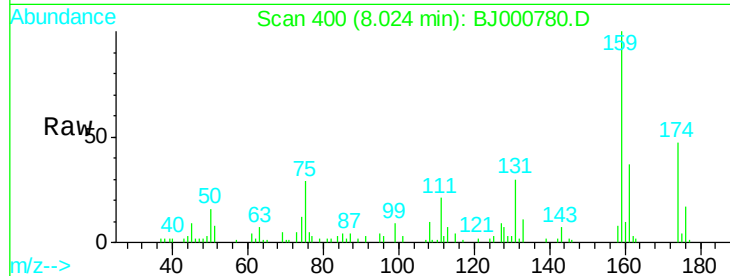
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 2.01 ug/mL
RT: 8.02 min Scan# 400
Delta R.T. 0.00 min
Lab File: BJ000780.D
Acq: 26 Apr 2012 13:52

Tgt Ion:	159	Resp:	221680
Ion	Ratio	Lower	Upper
159	100		
174	50.8	31.3	71.3
108	11.3	0.0	31.3
50	15.6	0.0	35.6



#14
p-Chlorophenylmethylsulfone
Concen: 2.19 ug/mL
RT: 8.22 min Scan# 414
Delta R.T. 0.00 min
Lab File: BJ000780.D
Acq: 26 Apr 2012 13:52

Tgt Ion:	111	Resp:	359539
Ion	Ratio	Lower	Upper
111	100		
75	34.1	14.1	54.1
127	41.7	21.7	61.7
190	31.8	11.8	51.8

