

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000794.D
 Acq On : 26 Apr 2012 18:42
 Sample : D2292-05
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:31 2012

Vial: 10
 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	271500	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1084481	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	191699	0.52	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
12) 2-Bromothioanisole	7.35	204	299817	4.21	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.60	79	472	0.11	ug/mL#	8
4) DIMP	4.98	97	898	0.01	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	467118	4.85	ug/mL#	52
7) 1,4-Dithiane	5.21	46	1528698	21.34	ug/mL	90
8) Thiodiglycol	5.97	61	58539	2.50	ug/mL#	43
9) Benzothiazole	6.35	135	3881	0.01	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.20	111	2863	0.02	ug/mL#	78

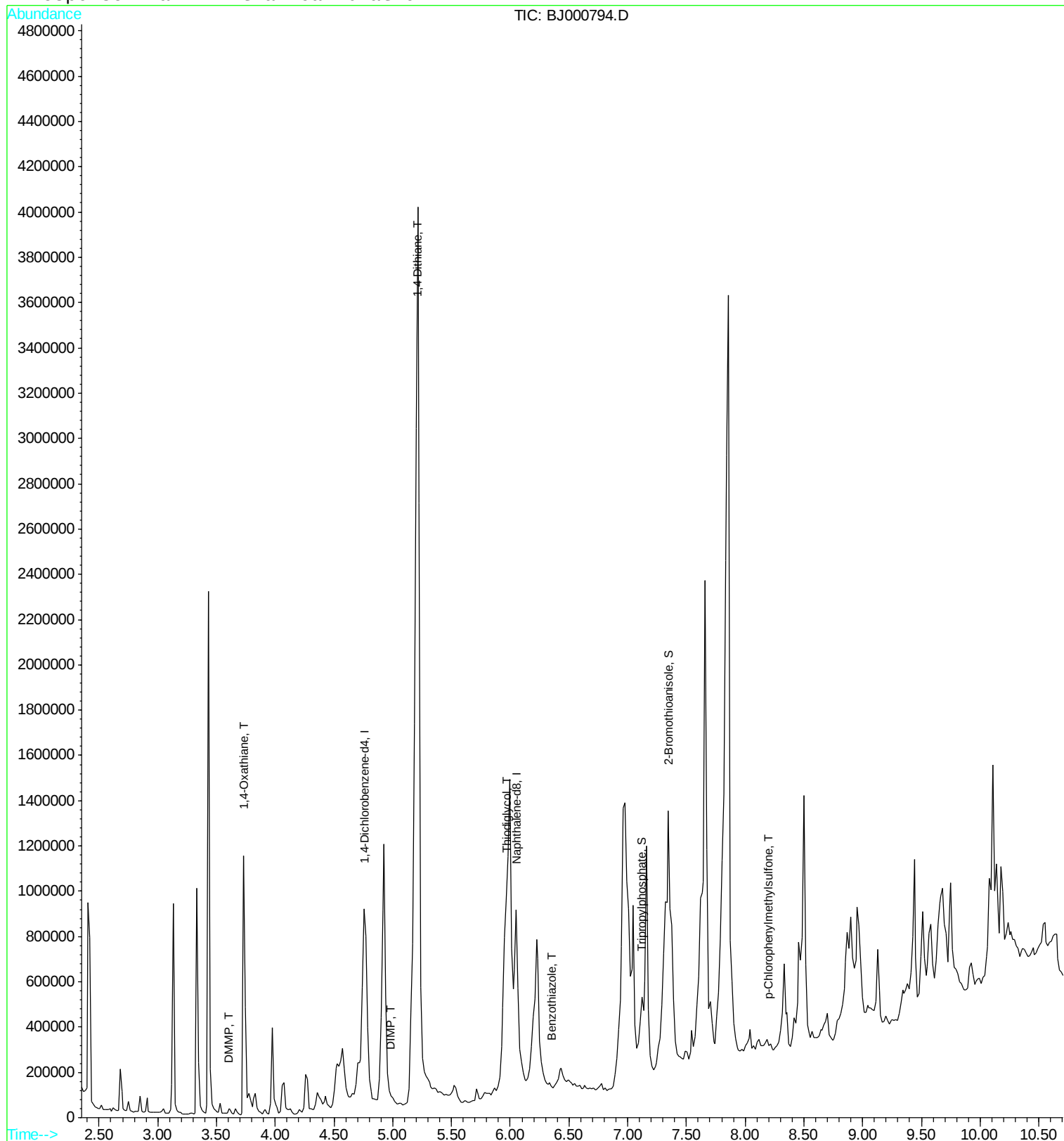
Quantitation Report

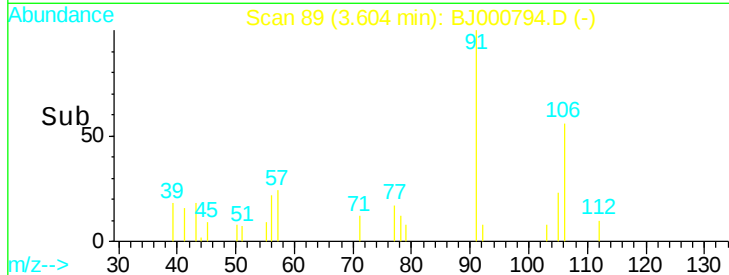
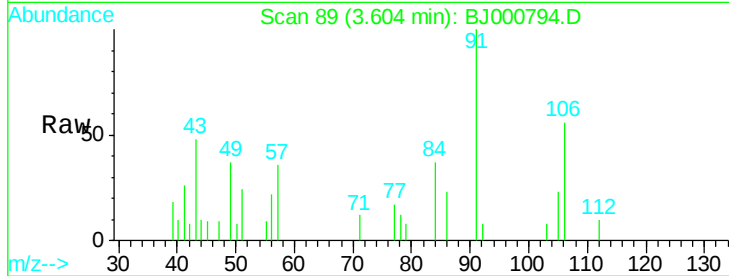
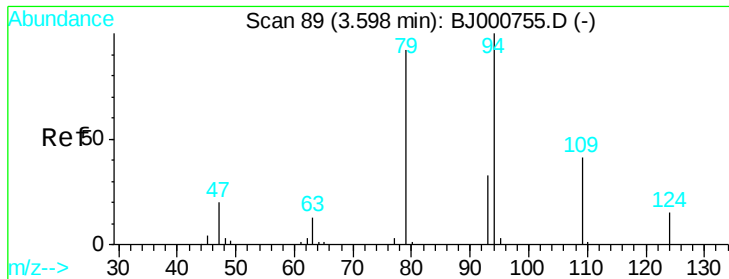
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 Title : CWA degradation products by GCMS
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#3

DMMP

Concen: 0.11 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.01 min

Lab File: BJ000794.D

Acq: 26 Apr 2012 18:42

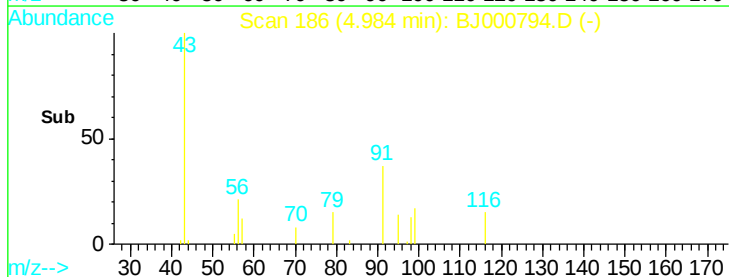
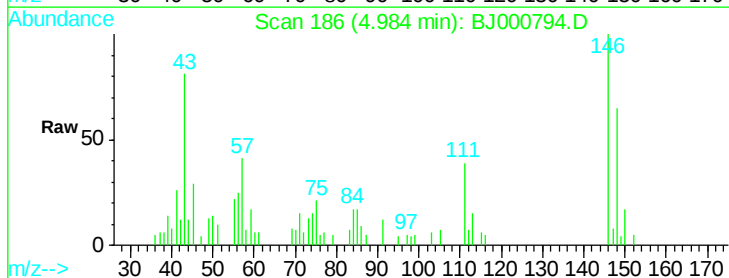
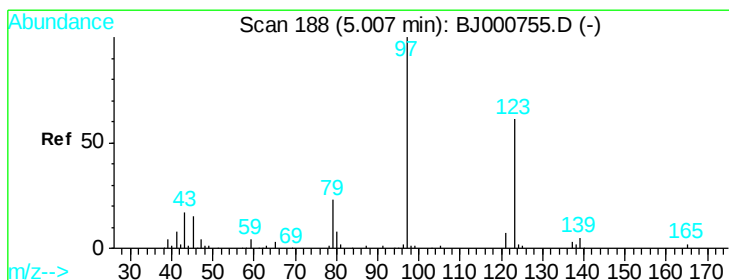
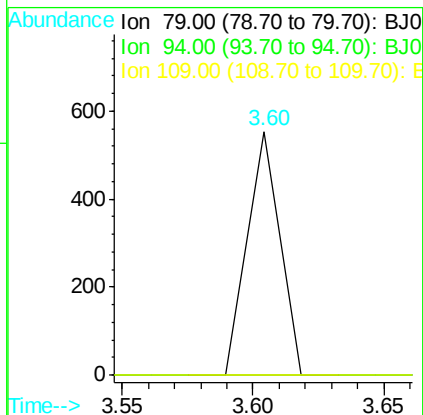
Tgt Ion: 79 Resp: 472

Ion Ratio Lower Upper

79 100

94 0.0 85.9 125.9#

109 0.0 20.8 60.8#



#4

DIMP

Concen: 0.01 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. -0.04 min

Lab File: BJ000794.D

Acq: 26 Apr 2012 18:42

Tgt Ion: 97 Resp: 898

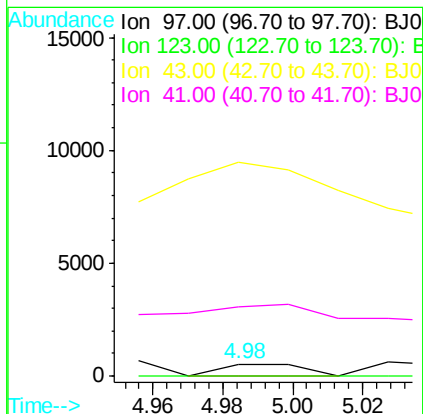
Ion Ratio Lower Upper

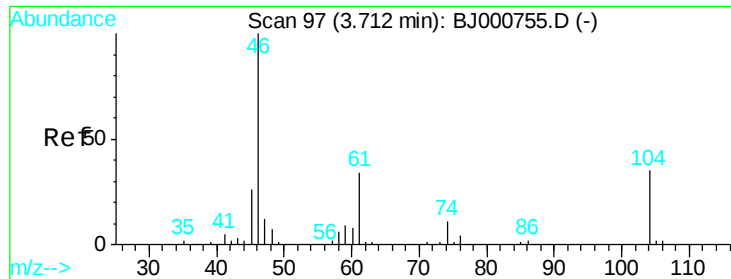
97 100

123 0.0 38.9 78.9#

43 1796.0 0.0 38.8#

41 584.3 0.0 29.0#





#5

1,4-Oxathiane

Concen: 4.85 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.01 min

Lab File: BJ000794.D

Acq: 26 Apr 2012 18:42

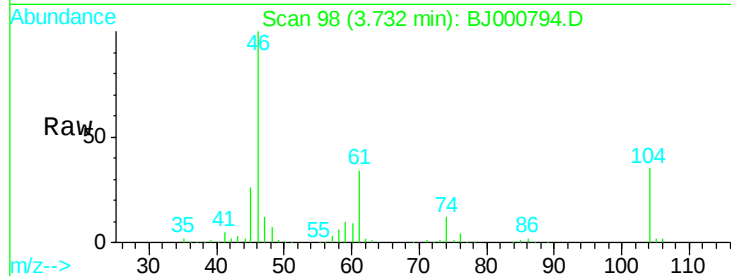
Tgt Ion: 46 Resp: 467118

Ion Ratio Lower Upper

46 100

61 34.1 23.6 63.6

104 34.9 76.3 116.3#

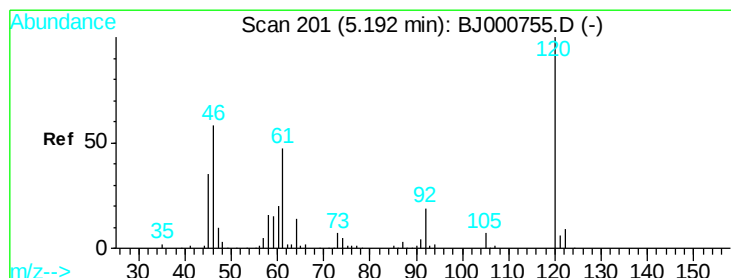
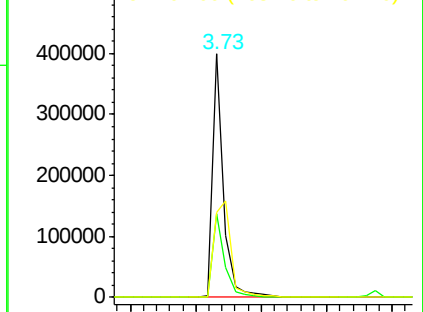
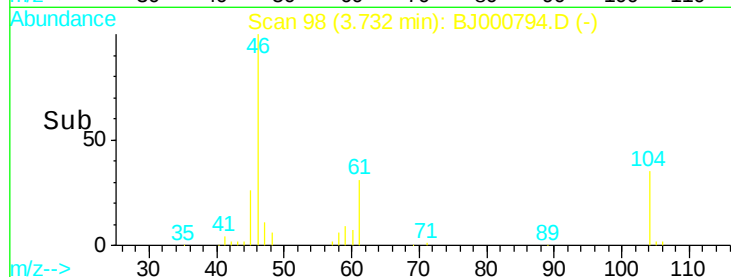


Abundance

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: 21.34 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000794.D

Acq: 26 Apr 2012 18:42

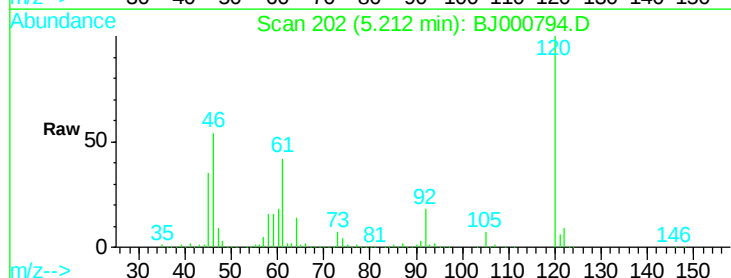
Tgt Ion: 46 Resp: 1528698

Ion Ratio Lower Upper

46 100

61 78.5 60.3 100.3

120 185.3 146.0 186.0

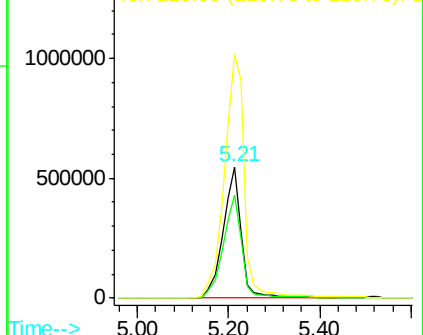
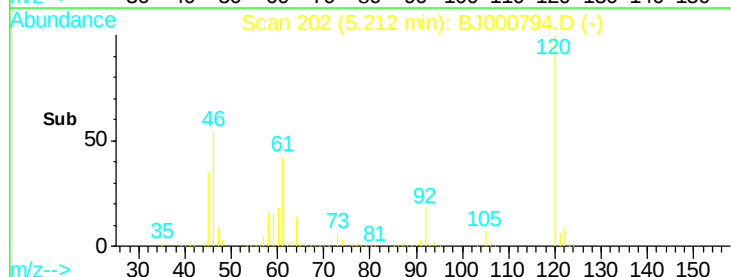


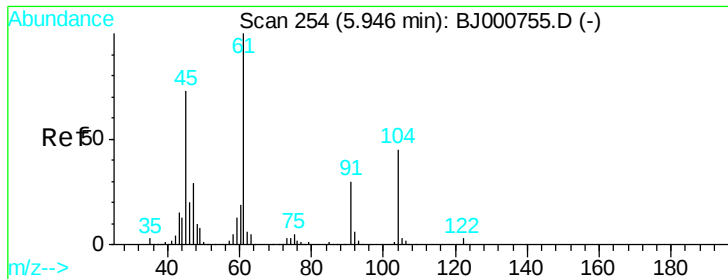
Abundance

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: 2.50 ug/mL

RT: 5.97 min Scan# 255

Delta R.T. -0.01 min

Lab File: BJ000794.D

Acq: 26 Apr 2012 18:42

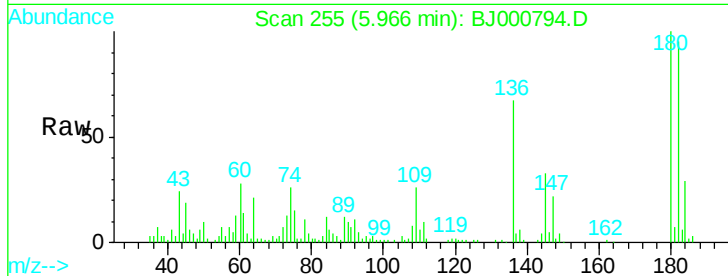
Tgt Ion: 61 Resp: 58539

Ion Ratio Lower Upper

61 100

45 134.5 50.6 90.6#

47 30.5 8.3 48.3

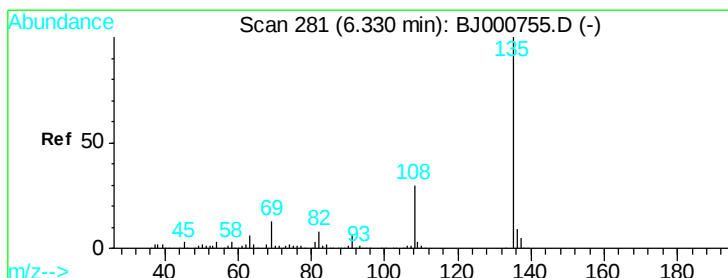
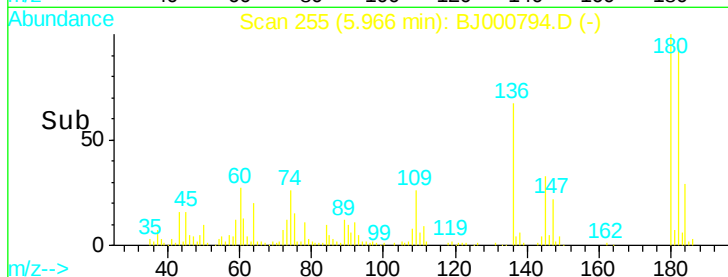
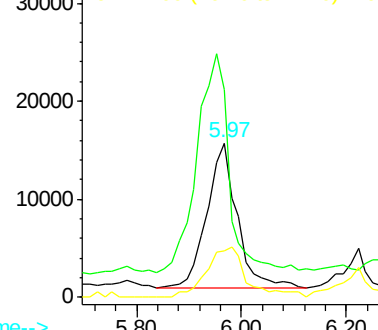


Abundance

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: 0.01 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.01 min

Lab File: BJ000794.D

Acq: 26 Apr 2012 18:42

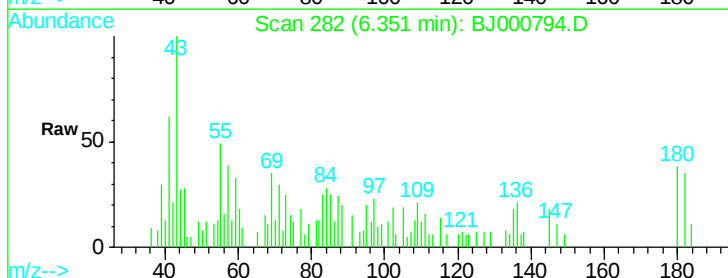
Tgt Ion: 135 Resp: 3881

Ion Ratio Lower Upper

135 100

108 72.4 11.1 51.1#

69 198.6 0.0 34.6#

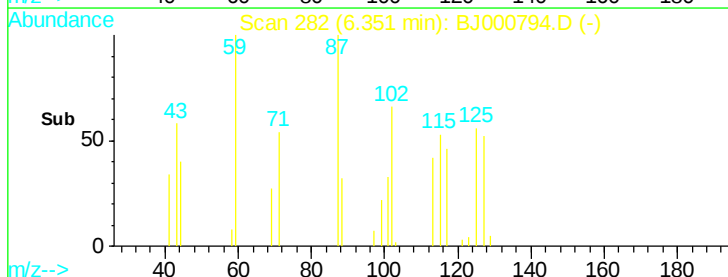
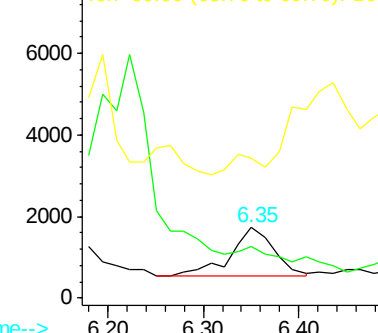


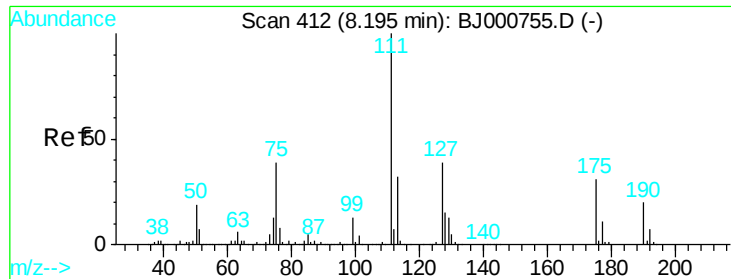
Abundance

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





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.02 ug/mL
 RT: 8.20 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: BJ000794.D
 Acq: 26 Apr 2012 18:42

Tgt Ion:	111	Resp:	2863
Ion Ratio	Lower	Upper	
111	100		
75	35.9	12.8	52.8
127	33.4	21.9	61.9
190	0.0	7.7	47.7#

