

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000971.D
 Acq On : 27 Jun 2012 17:51
 Sample : D3152-10
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:47 2012

Vial: 15
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	168036	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	680730	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	132107	0.50	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
12) 2-Bromothioanisole	7.27	204	189587	4.08	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.53	79	2099	0.07	ug/mL#	8
4) DIMP	5.02	97	251101	1.75	ug/mL#	81
5) 1,4-Oxathiane	3.67	46	10426	0.19	ug/mL	97
7) 1,4-Dithiane	5.13	46	14353	0.30	ug/mL#	72
8) Thiodiglycol	5.86	61	4962	1.56	ug/mL#	1
9) Benzothiazole	6.27	135	2923	0.02	ug/mL#	1
13) p-Chlorophenylmethylsulfox	7.94	159	517	0.04	ug/mL#	58
14) p-Chlorophenylmethylsulfon	8.12	111	6154	0.06	ug/mL	75

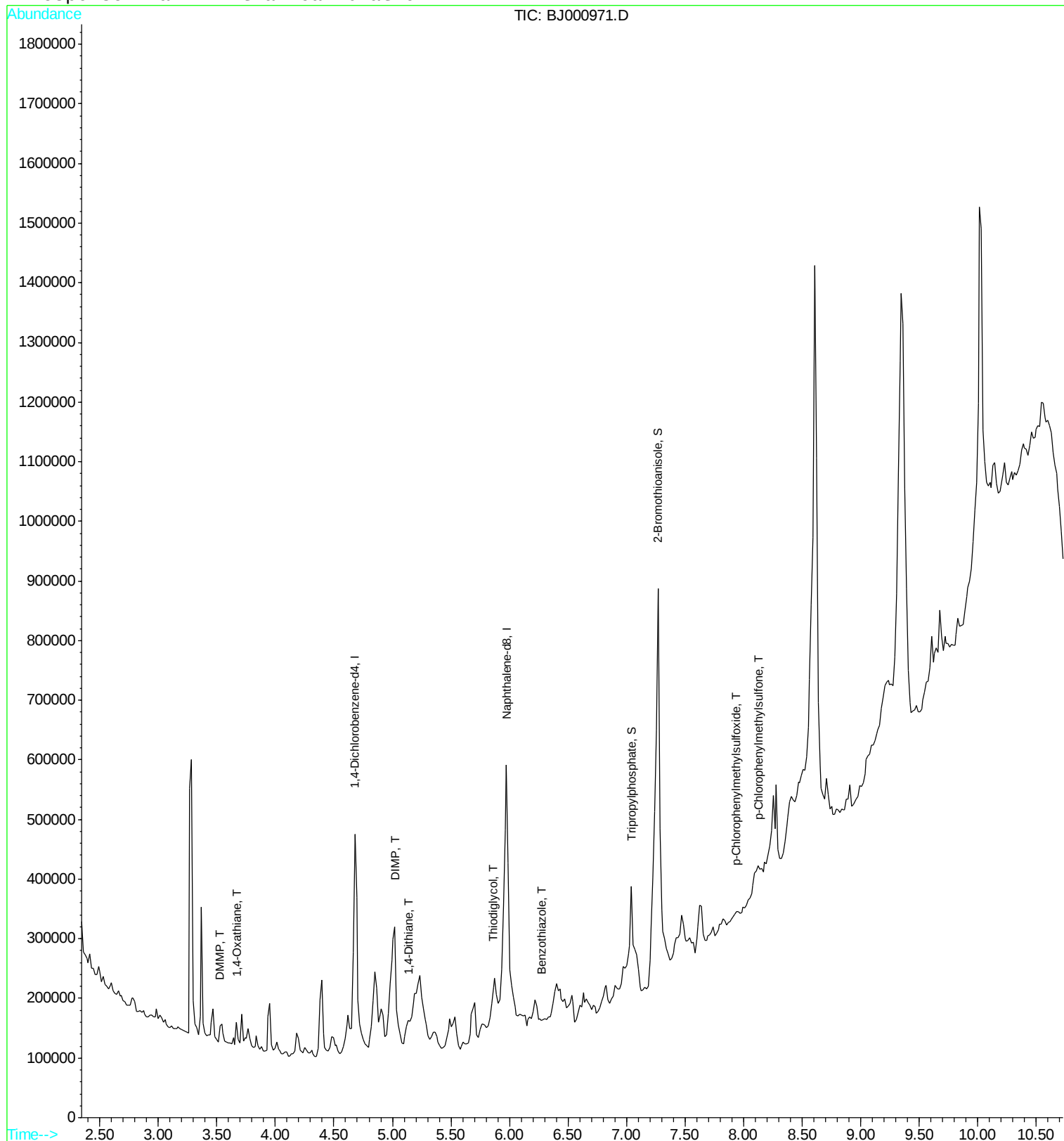
Quantitation Report

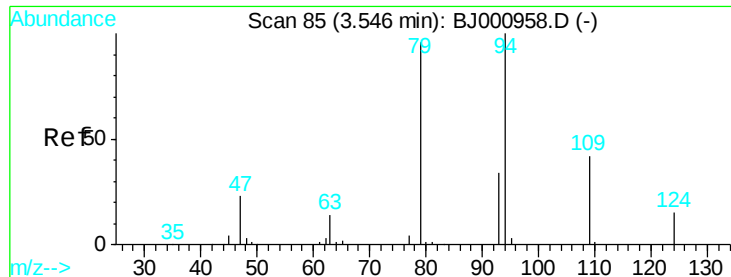
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Title : CWA degradation products by GCMS
Last Update : Thu Jun 28 10:45:59 2012
Response via : Initial Calibration





#3

DMMP

Concen: 0.07 ug/mL

RT: 3.53 min Scan# 84

Delta R.T. -0.02 min

Lab File: BJ000971.D

Acq: 27 Jun 2012 17:51

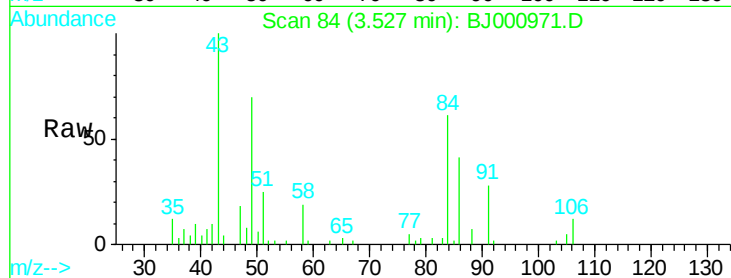
Tgt Ion: 79 Resp: 2099

Ion Ratio Lower Upper

79 100

94 0.0 84.5 124.5#

109 0.0 23.4 63.4#

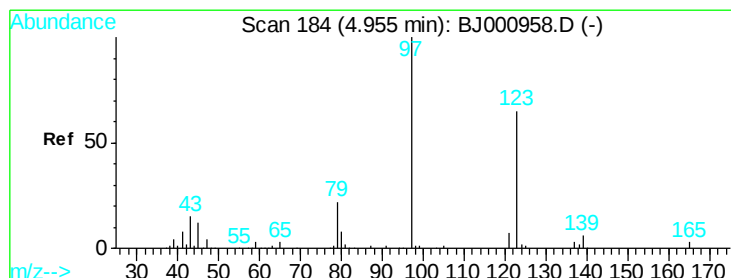
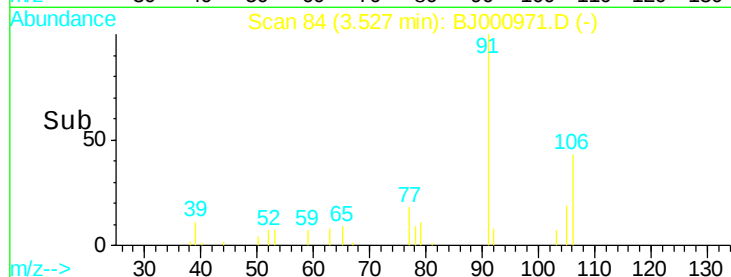
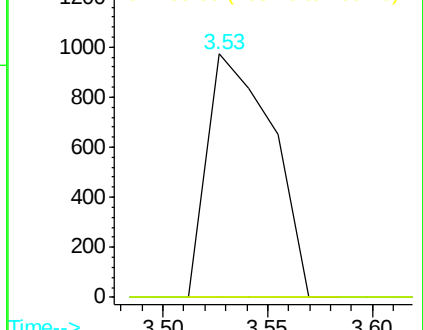


Abundance

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: 1.75 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. 0.07 min

Lab File: BJ000971.D

Acq: 27 Jun 2012 17:51

Tgt Ion: 97 Resp: 251101

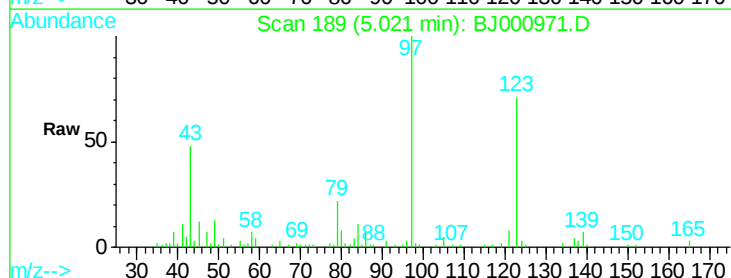
Ion Ratio Lower Upper

97 100

123 70.7 45.3 85.3

43 47.8 0.0 35.5#

41 11.0 0.0 27.9



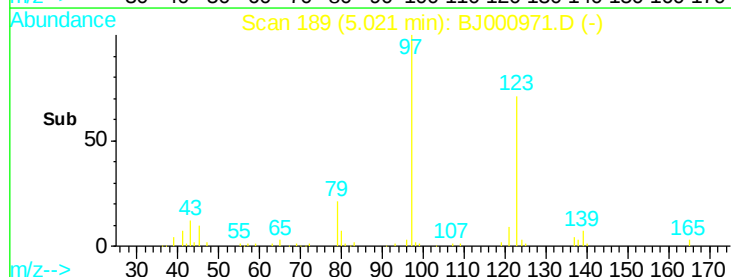
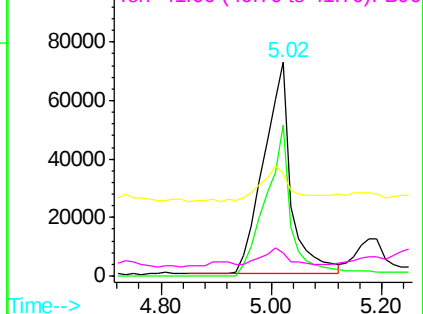
Abundance

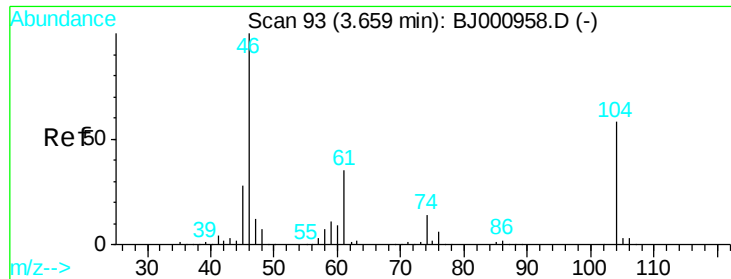
Ion 97.00 (96.70 to 97.70): BJ0

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: 0.19 ug/mL

RT: 3.67 min Scan# 94

Delta R.T. 0.01 min

Lab File: BJ000971.D

Acq: 27 Jun 2012 17:51

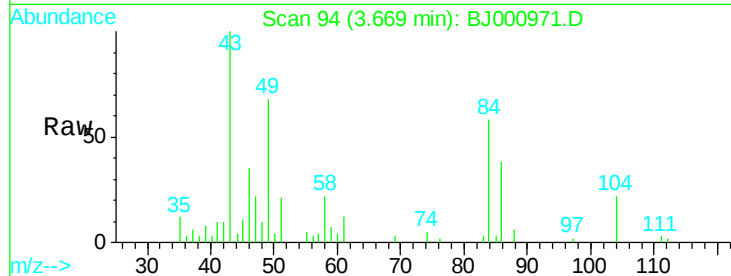
Tgt Ion: 46 Resp: 10426

Ion Ratio Lower Upper

46 100

61 35.7 15.3 55.3

104 61.8 38.4 78.4

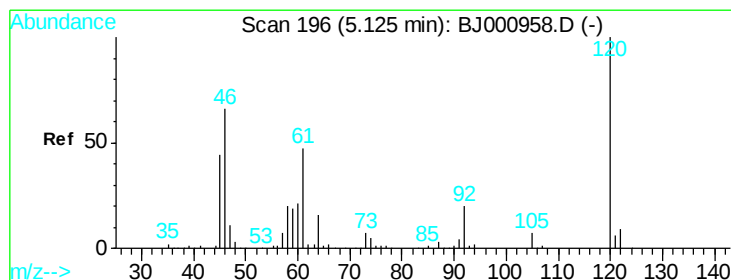
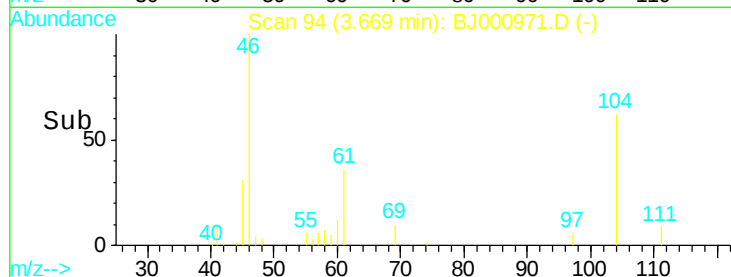
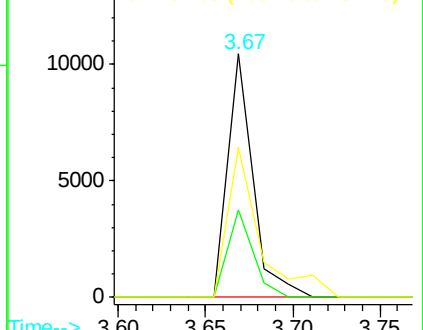


Abundance

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: 0.30 ug/mL

RT: 5.13 min Scan# 197

Delta R.T. 0.01 min

Lab File: BJ000971.D

Acq: 27 Jun 2012 17:51

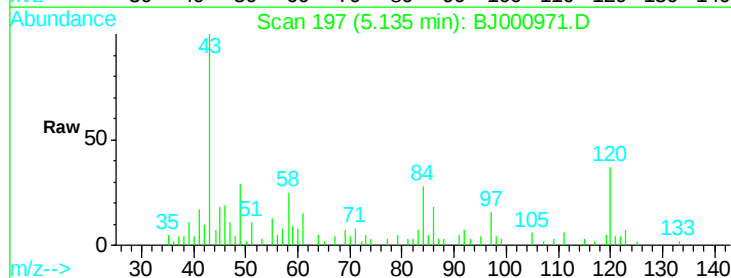
Tgt Ion: 46 Resp: 14353

Ion Ratio Lower Upper

46 100

61 79.1 50.6 90.6

120 197.2 131.1 171.1#

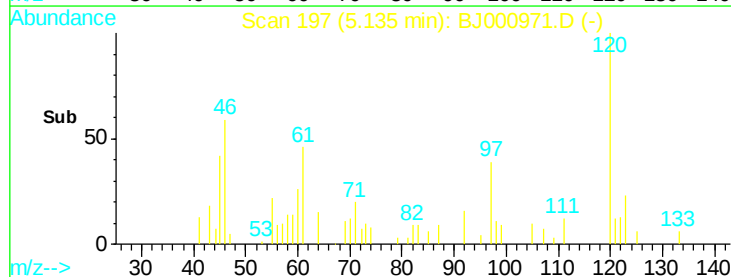
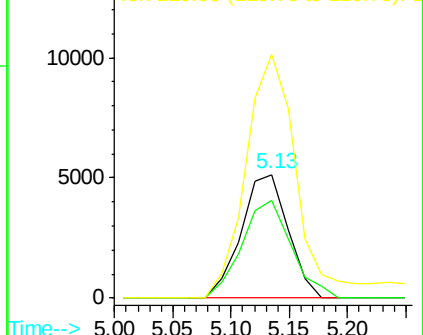


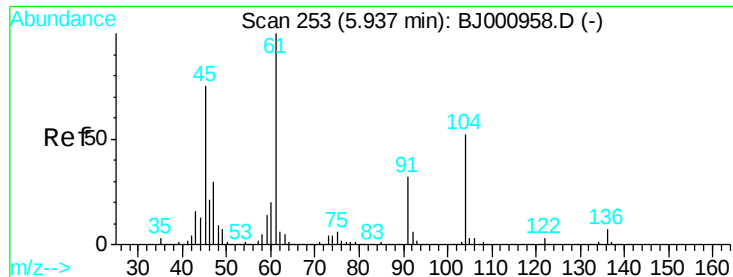
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

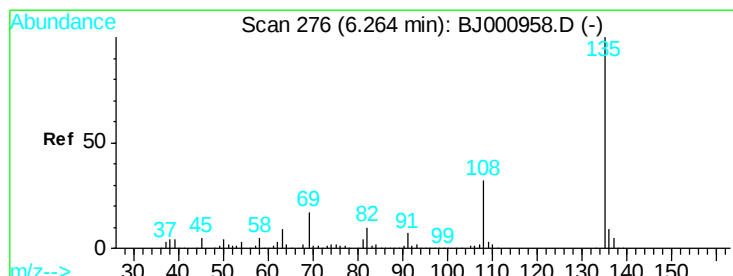
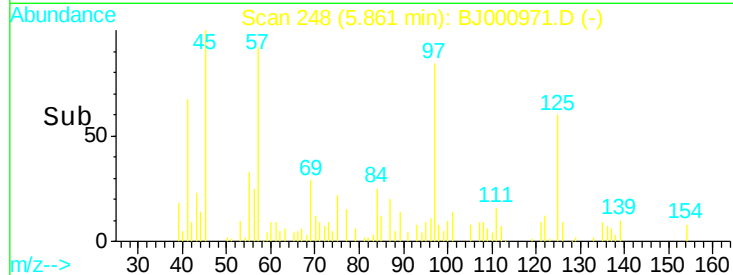
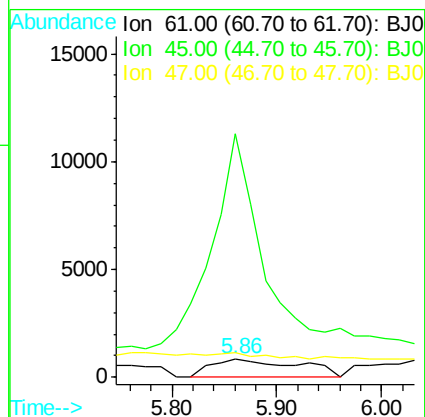
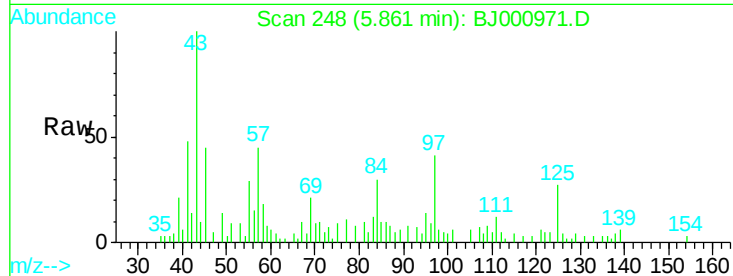
Ion 120.00 (119.70 to 120.70): BJ0





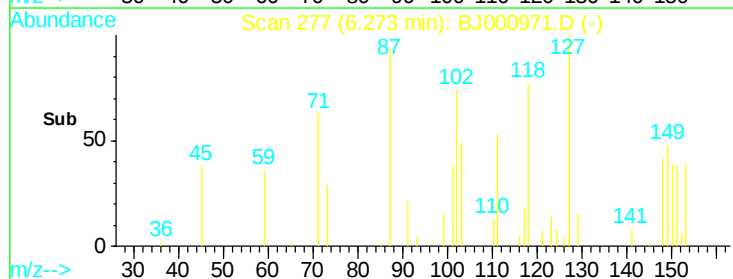
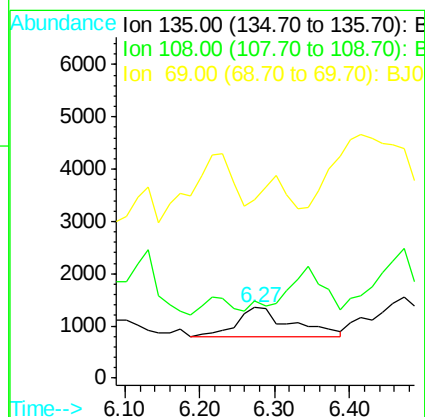
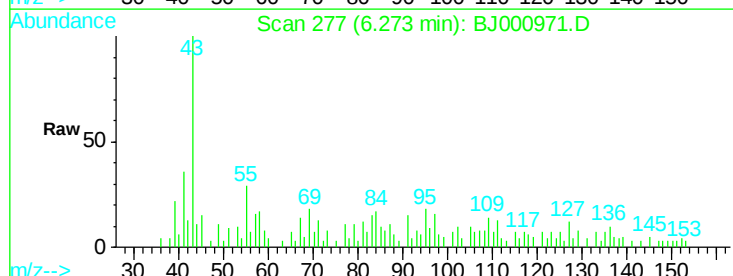
#8
 Thiodiglycol
 Concen: 1.56 ug/mL
 RT: 5.86 min Scan# 248
 Delta R.T. -0.08 min
 Lab File: BJ000971.D
 Acq: 27 Jun 2012 17:51

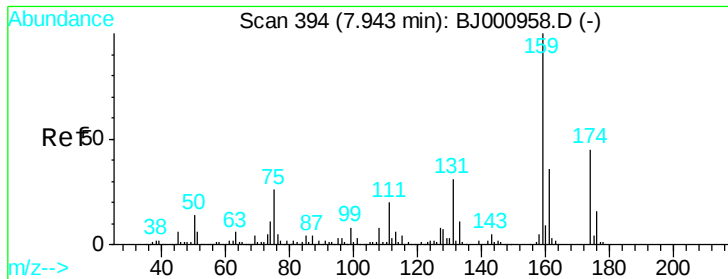
Tgt Ion: 61 Resp: 4962
 Ion Ratio Lower Upper
 61 100
 45 1285.8 55.5 95.5#
 47 130.3 10.4 50.4#



#9
 Benzothiazole
 Concen: 0.02 ug/mL
 RT: 6.27 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BJ000971.D
 Acq: 27 Jun 2012 17:51

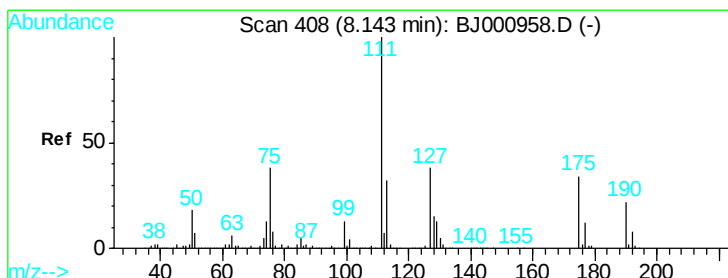
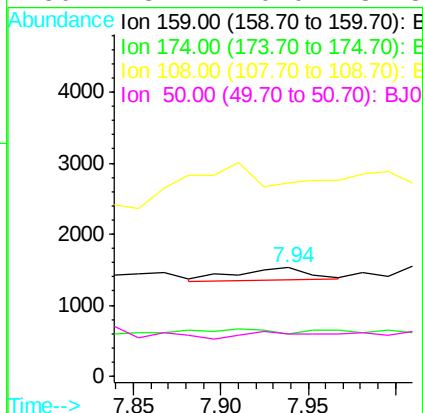
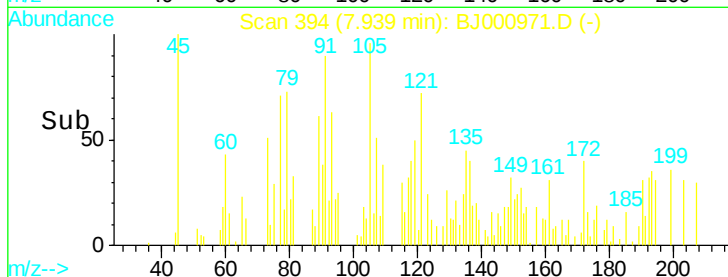
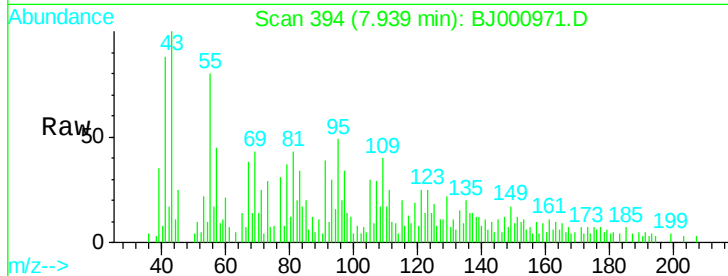
Tgt Ion: 135 Resp: 2923
 Ion Ratio Lower Upper
 135 100
 108 109.0 12.4 52.4#
 69 254.1 0.0 36.7#





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 7.94 min Scan# 394
Delta R.T. -0.00 min
Lab File: BJ000971.D
Acq: 27 Jun 2012 17:51

Tgt Ion:159 Resp: 517
Ion Ratio Lower Upper
159 100
174 20.9 26.0 66.0#
108 0.0 0.0 28.6
50 45.1 0.0 37.3#



#14
p-Chlorophenylmethylsulfone
Concen: 0.06 ug/mL
RT: 8.12 min Scan# 407
Delta R.T. -0.02 min
Lab File: BJ000971.D
Acq: 27 Jun 2012 17:51

Tgt Ion:111 Resp: 6154
Ion Ratio Lower Upper
111 100
75 26.0 19.3 59.3
127 57.4 18.4 58.4
190 12.1 1.5 41.5

