

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000859.D
 Acq On : 28 Apr 2012 4:45
 Sample : D2367-16
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 38
 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 : Mon Apr 30 10:31:38 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	197147	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	767077	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	142113	0.54	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
12) 2-Bromothioanisole	7.35	204	213927	4.25	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.59	79	4045	0.17	ug/mL#	10
4) DIMP	4.97	97	2124	0.02	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	289521	4.14	ug/mL#	78
7) 1,4-Dithiane	5.20	46	452224	8.93	ug/mL	92
8) Thiodiqlvcol	5.94	61	660	1.73	ug/mL#	1
9) Benzothiazole	6.35	135	3648	0.02	ug/mL#	1
14) p-Chlorophenylmethysulfon	8.19	111	13083	0.12	ug/mL#	67

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Quant Time: Apr 30 10:33 2012

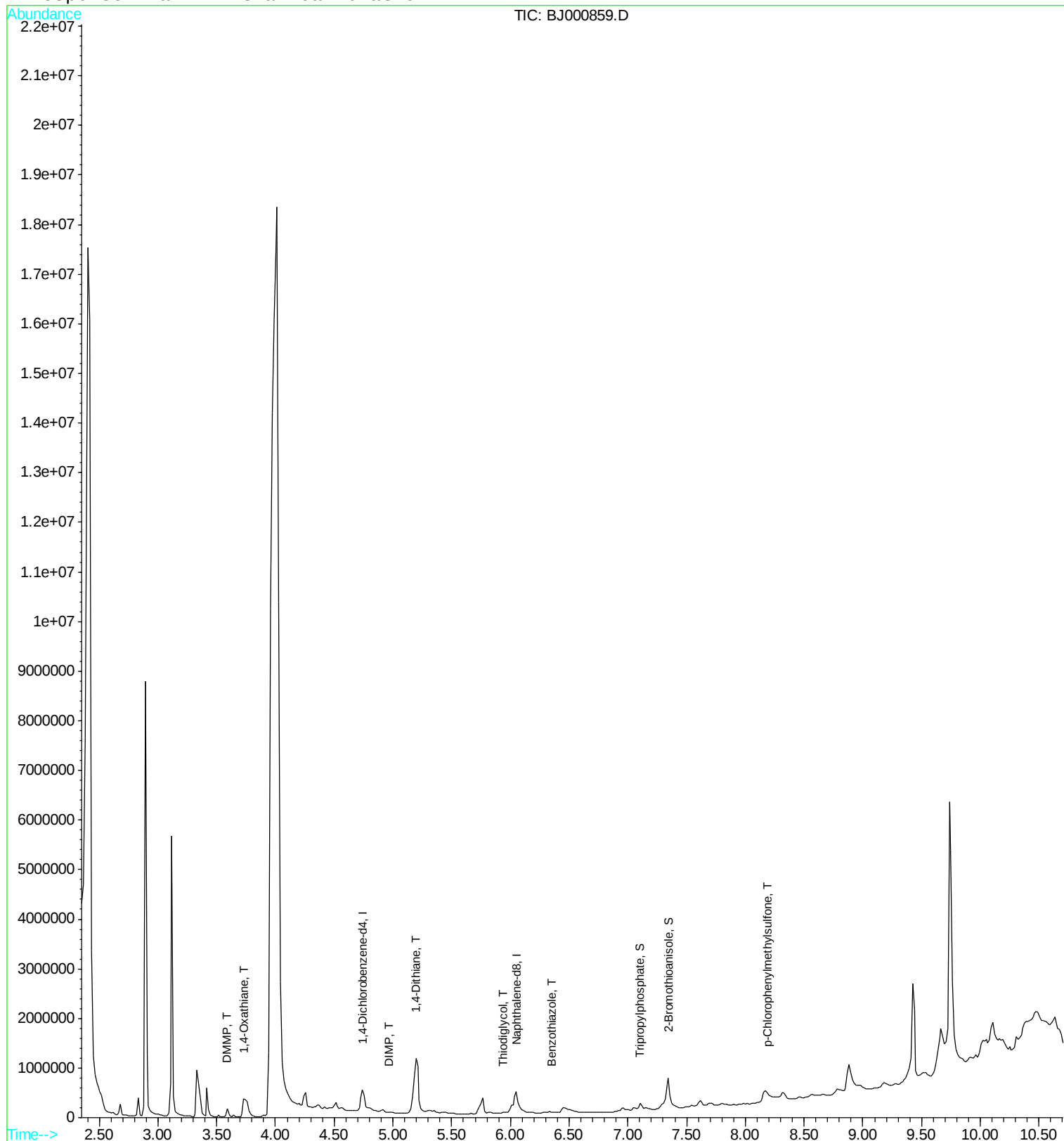
Quant Results File: BJ042612.RES

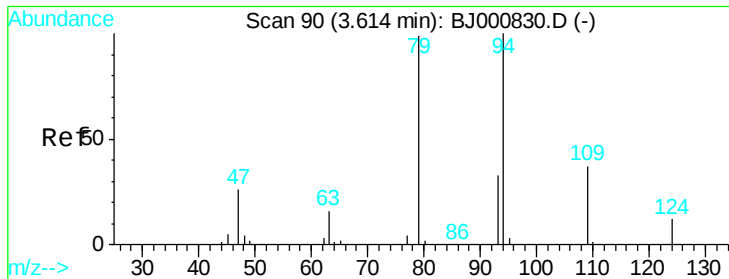
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Mon Apr 30 10:31:38 2012

Response via : Initial Calibration





#3

DMMP

Concen: 0.17 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.03 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

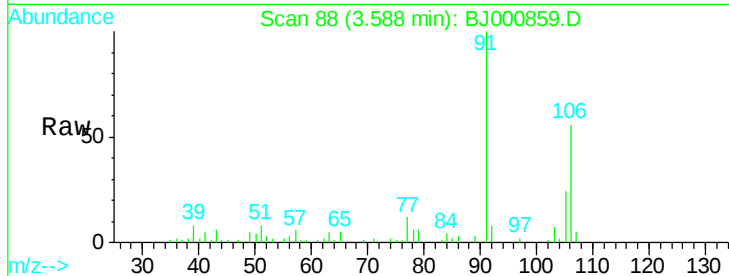
Tgt Ion: 79 Resp: 4045

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

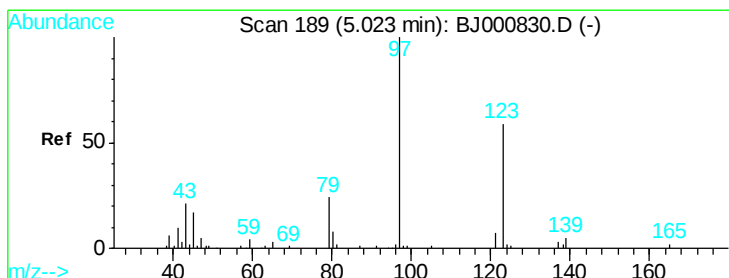
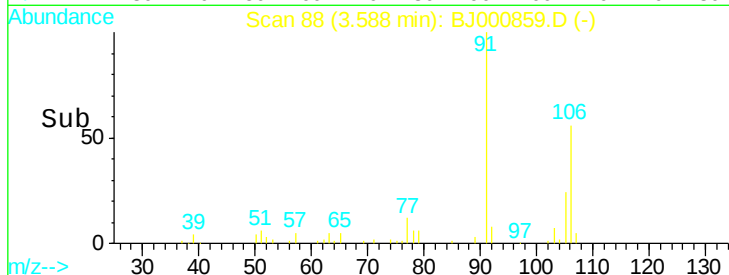
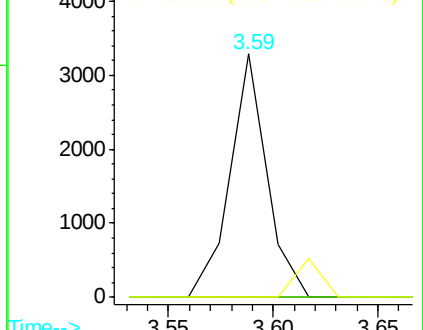


Abundance

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: 0.02 ug/mL

RT: 4.97 min Scan# 185

Delta R.T. -0.05 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

Tgt Ion: 97 Resp: 2124

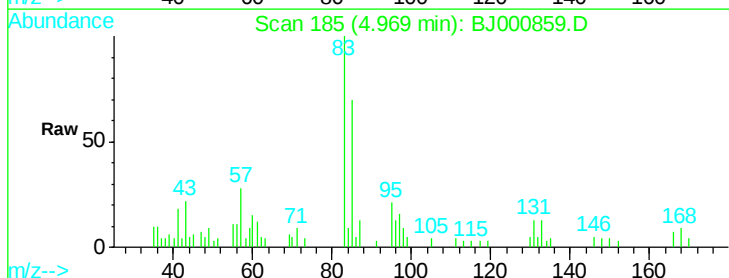
Ion Ratio Lower Upper

97 100

123 0.0 39.1 79.1#

43 139.4 0.9 40.9#

41 110.0 0.0 30.0#



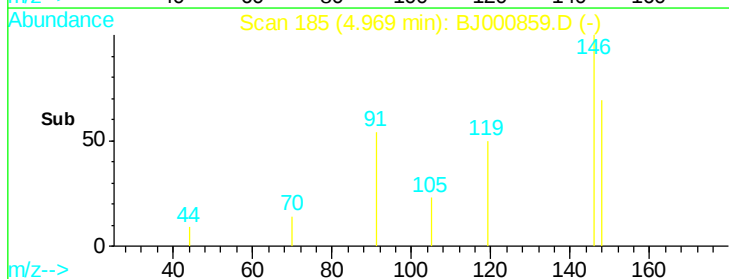
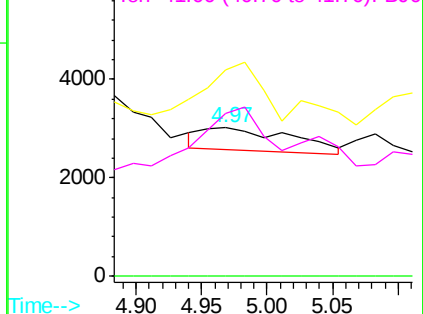
Abundance

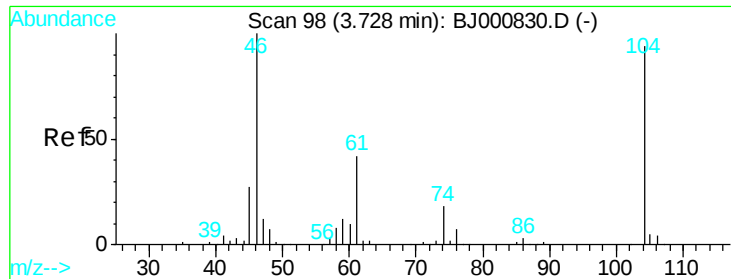
Ion 97.00 (96.70 to 97.70): BJ0

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: 4.14 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

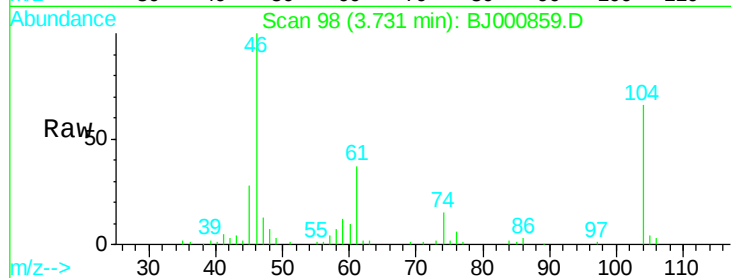
Tgt Ion: 46 Resp: 289521

Ion Ratio Lower Upper

46 100

61 37.2 22.0 62.0

104 66.4 73.6 113.6#

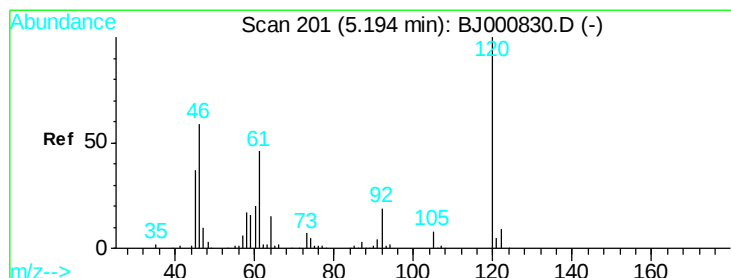
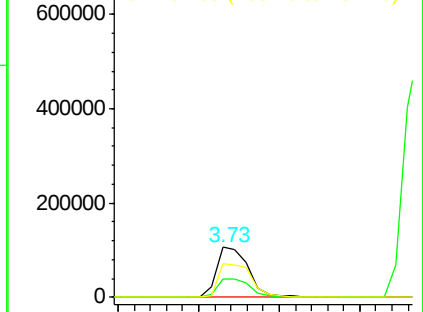
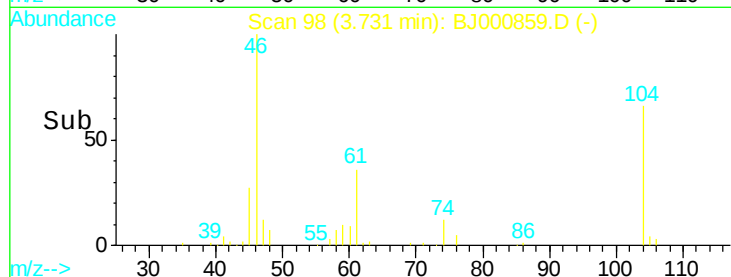


Abundance

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: 8.93 ug/mL

RT: 5.20 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

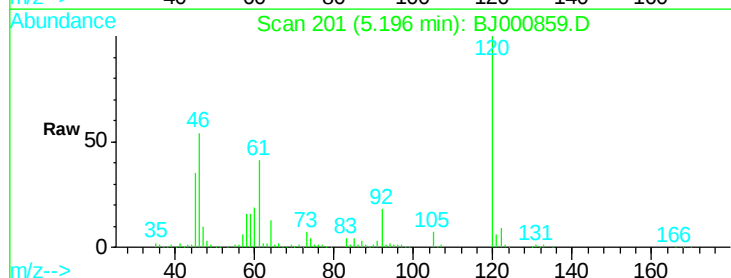
Tgt Ion: 46 Resp: 452224

Ion Ratio Lower Upper

46 100

61 75.3 56.7 96.7

120 184.1 148.6 188.6

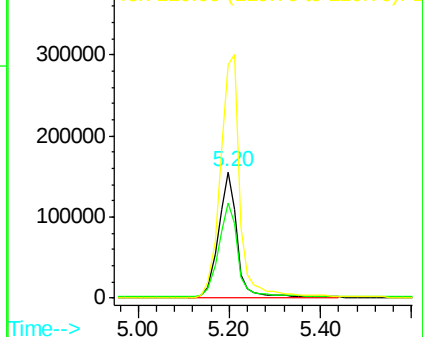
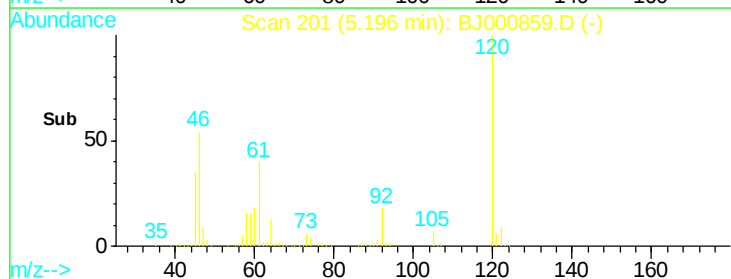


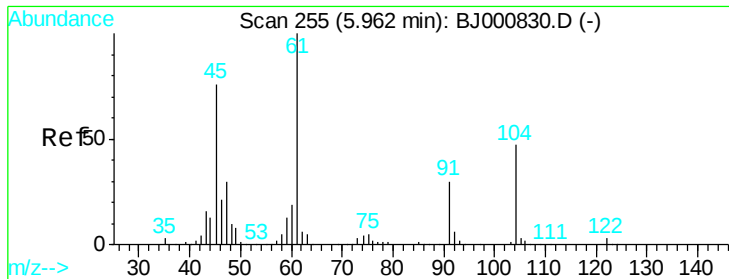
Abundance

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: 1.73 ug/mL

RT: 5.94 min Scan# 253

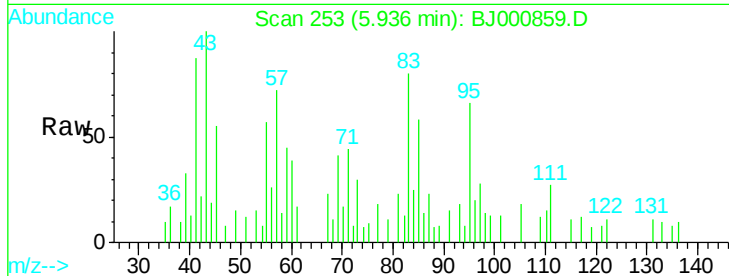
Delta R.T. -0.03 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

Tgt Ion: 61 Resp: 660

Ion	Ratio	Lower	Upper
61	100		
45	333.8	56.4	96.4#
47	50.2	10.1	50.1#

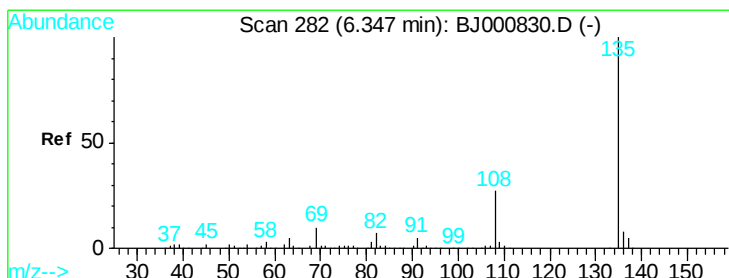
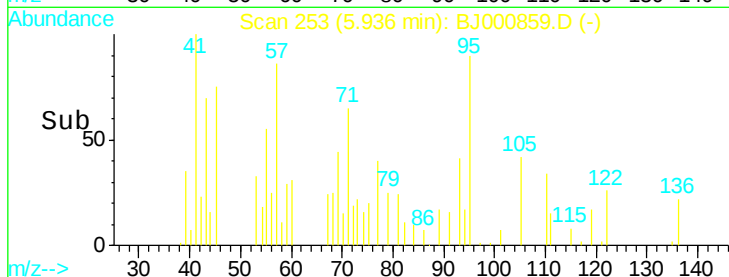
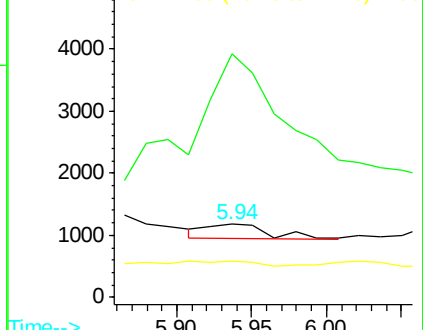


Abundance

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: 0.02 ug/mL

RT: 6.35 min Scan# 282

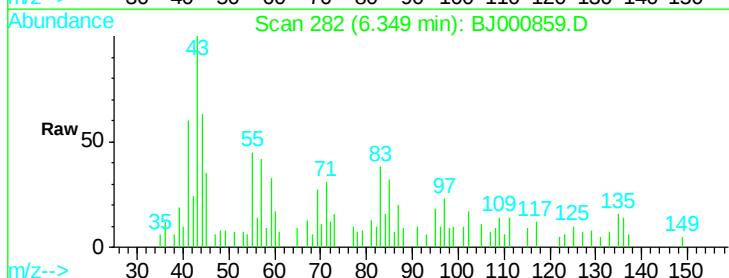
Delta R.T. 0.00 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

Tgt Ion: 135 Resp: 3648

Ion	Ratio	Lower	Upper
135	100		
108	59.1	7.0	47.0#
69	169.5	0.0	30.4#

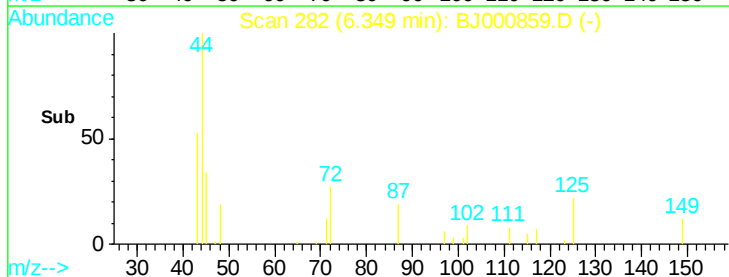
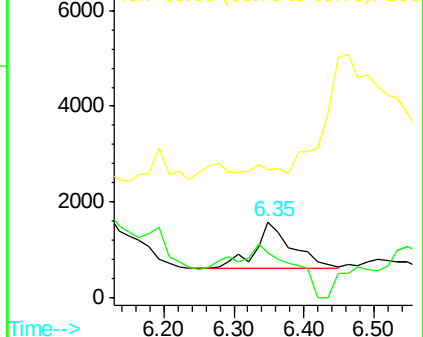


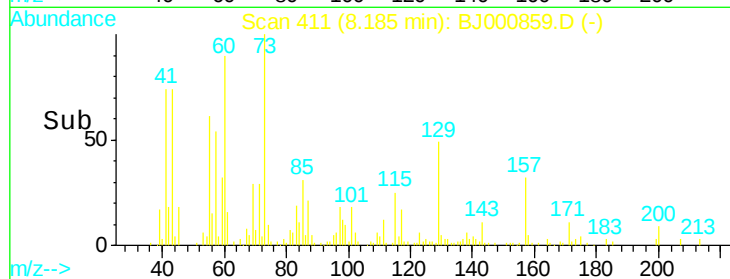
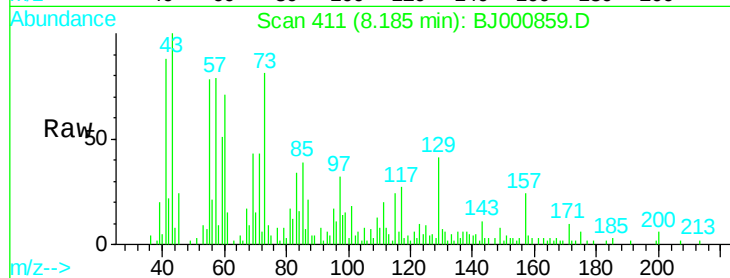
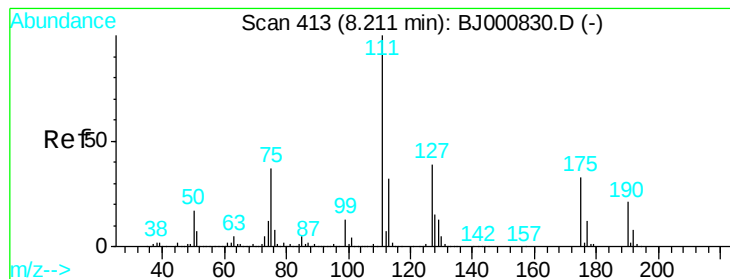
Abundance

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: 0.12 ug/mL

RT: 8.19 min Scan# 411

Delta R.T. -0.03 min

Lab File: BJ000859.D

Acq: 28 Apr 2012 4:45

Tgt Ion:	111	Resp:	13083
Ion Ratio	Lower	Upper	
111	100		
75	18.8	18.5	58.5
127	23.3	19.3	59.3
190	0.0	0.9	40.9#

