

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000857.D
 Acq On : 28 Apr 2012 4:10
 Sample : D2367-14
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 36
 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	4.75	152	228283	2.00	ug/mL	0.00
6) Naphthalene-d8	6.04	136	1031677	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.11	99	185136	0.53	ug/mL	0.03
Spiked Amount 0.500	Range 70 - 130		Recovery	=	106.00%	
12) 2-Bromothioanisole	7.34	204	270703	4.00	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	80.00%	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.69	94	12699	0.15	ug/mL# 61
3) DMMP	3.60	79	1712	0.13	ug/mL# 10
4) DIMP	5.09	97	1123	0.02	ug/mL# 1
5) 1,4-Oxathiane	3.73	46	1004906	12.41	ug/mL# 65
7) 1,4-Dithiane	5.21	46	2973835	43.64	ug/mL 97
8) Thiodiglycol	6.06	61	19208	1.99	ug/mL 90
9) Benzothiazole	6.34	135	3293	0.01	ug/mL# 1
13) p-Chlorophenylmethylox	8.01	159	3604	0.04	ug/mL# 1
14) p-Chlorophenylmethylox	8.15	111	8769	0.06	ug/mL# 47

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000857.D

Vial: 36

Acq On : 28 Apr 2012 4:10

Operator: HLM

Sample : D2367-14

Inst : BNA J

Misc : WATER BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 30 10:33 2012

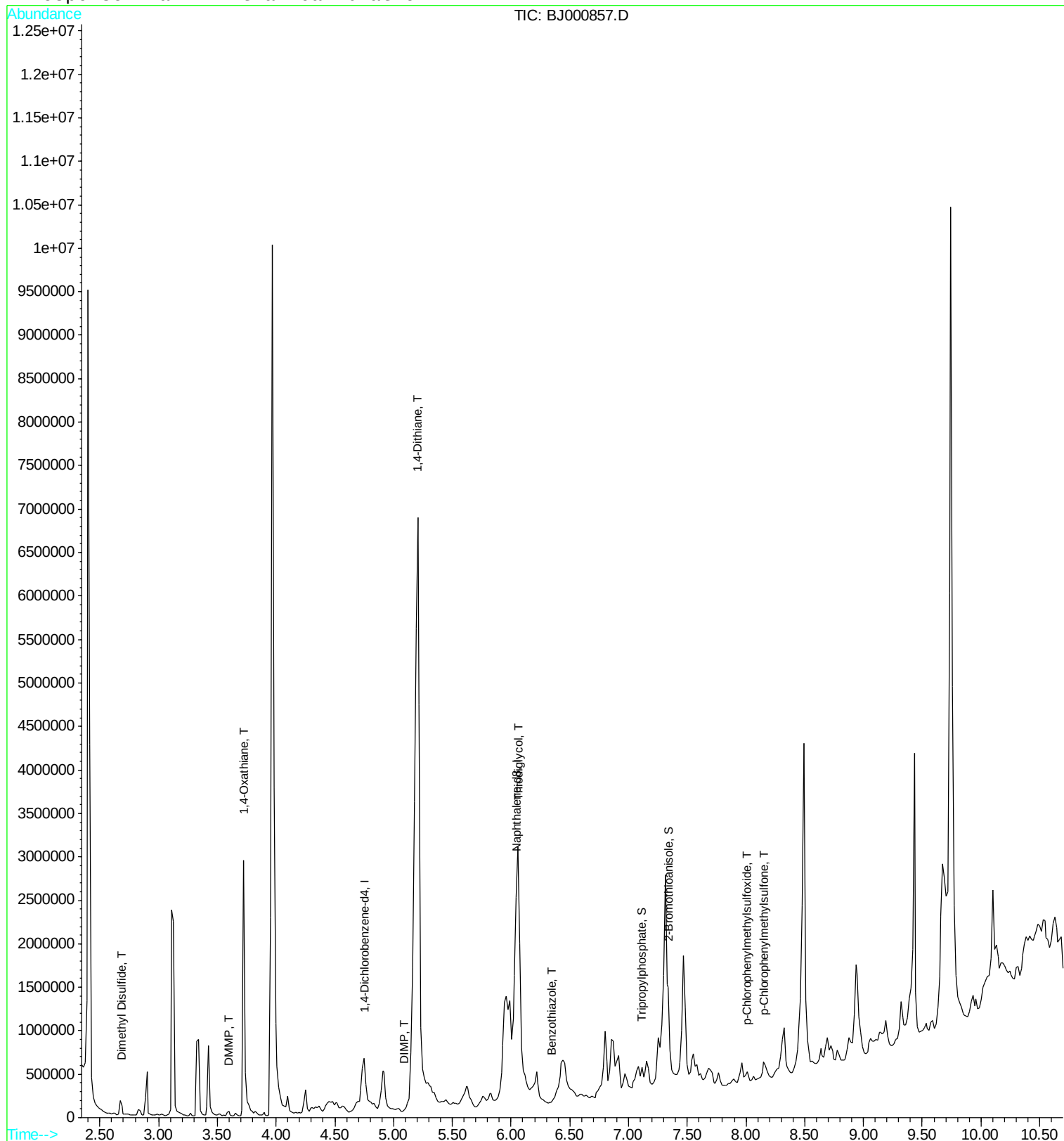
Quant Results File: BJ042612.RES

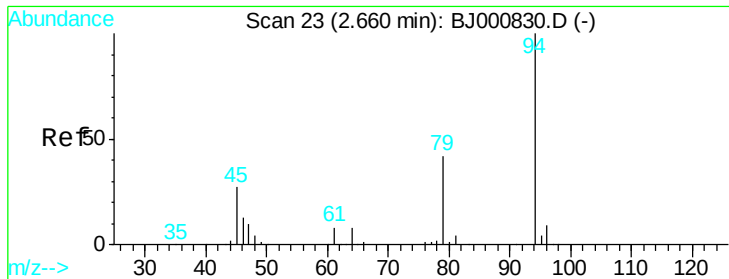
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 0.15 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.03 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

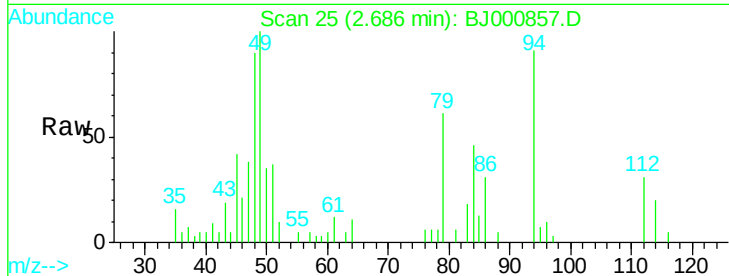
Tgt Ion: 94 Resp: 12699

Ion Ratio Lower Upper

94 100

45 46.2 7.2 47.2

79 67.5 21.6 61.6#

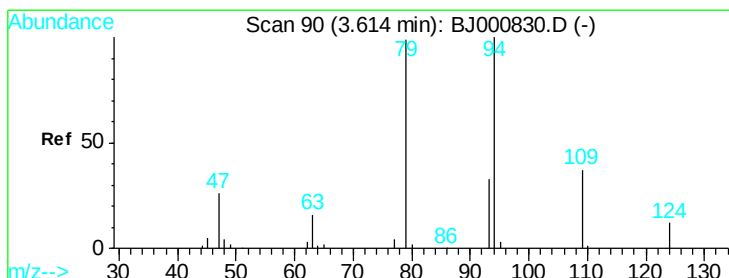
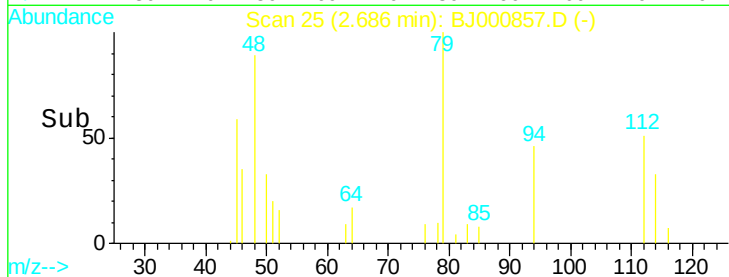
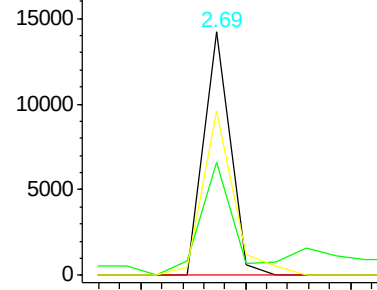


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 0.13 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.02 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

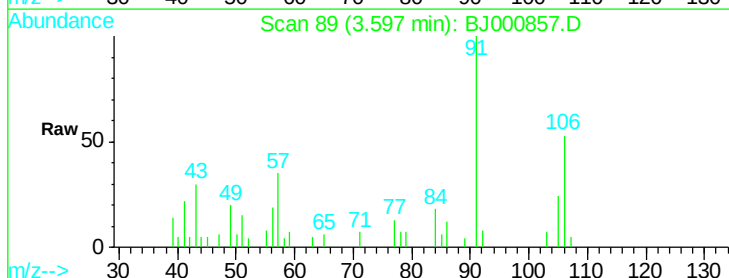
Tgt Ion: 79 Resp: 1712

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

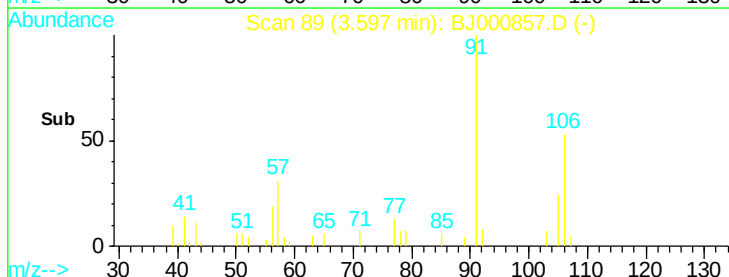
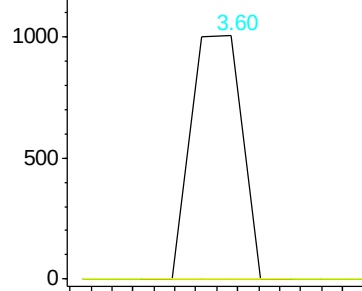


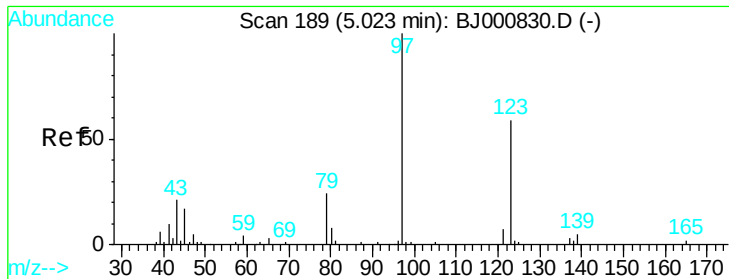
Abundance

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: 5.09 min Scan# 194

Delta R.T. 0.07 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

Tgt Ion: 97 Resp: 1123

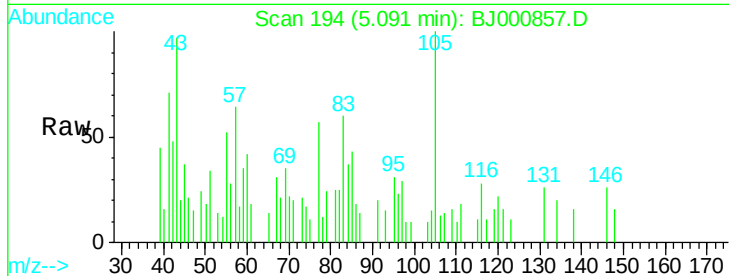
Ion Ratio Lower Upper

97 100

123 38.2 39.1 79.1#

43 331.7 0.9 40.9#

41 243.4 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

12000

10000

8000

6000

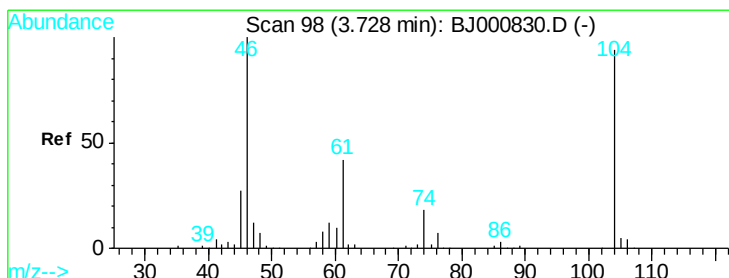
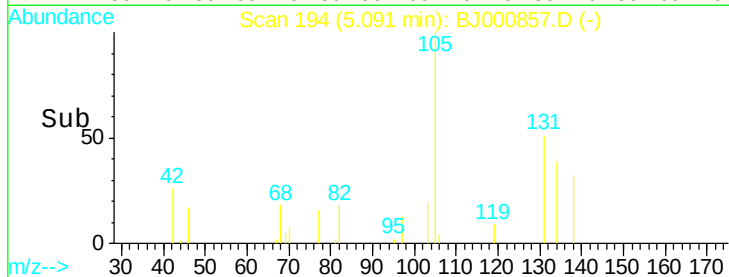
4000

2000

0

5.00 5.05 5.10

Time-->



#5

1,4-Oxathiane

Concen: 12.41 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.00 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

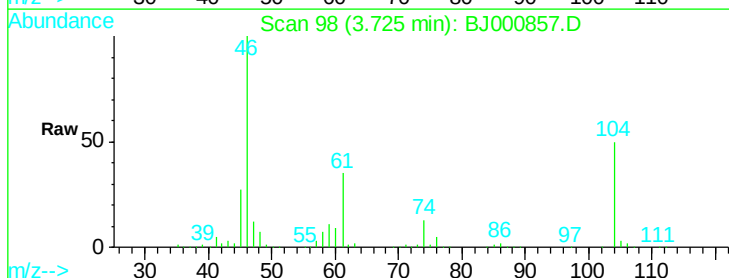
Tgt Ion: 46 Resp: 1004906

Ion Ratio Lower Upper

46 100

61 35.0 22.0 62.0

104 49.6 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

1200000

1000000

800000

600000

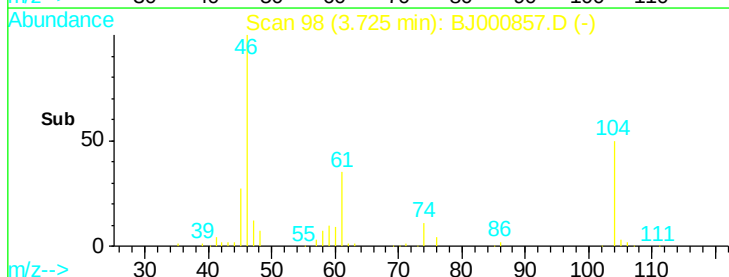
400000

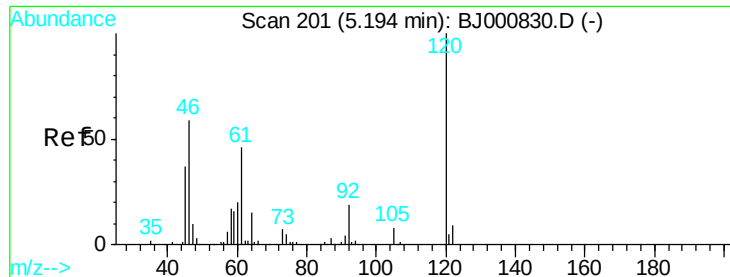
200000

0

3.60 3.80 4.00

Time-->





#7

1,4-Dithiane

Concen: 43.64 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

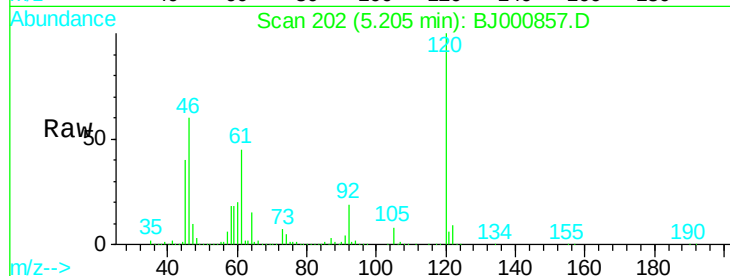
Tgt Ion: 46 Resp: 2973835

Ion Ratio Lower Upper

46 100

61 74.2 56.7 96.7

120 165.4 148.6 188.6

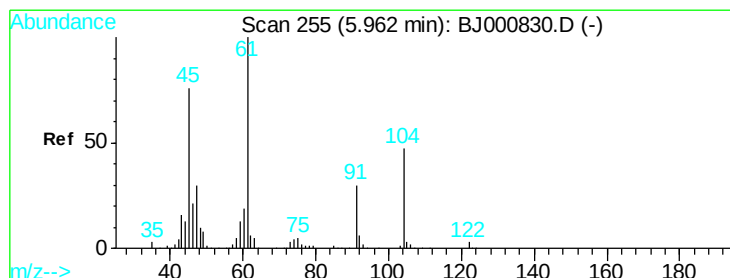
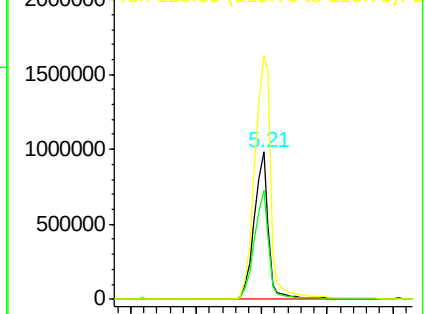
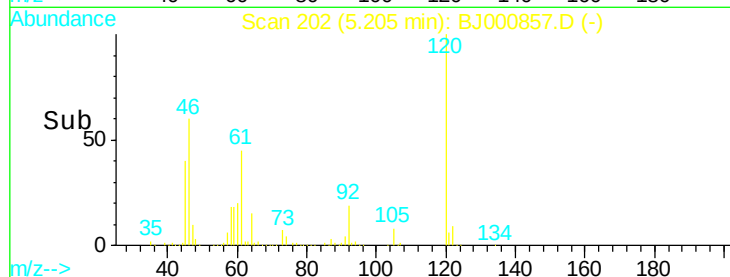


Abundance

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: 1.99 ug/mL

RT: 6.06 min Scan# 262

Delta R.T. 0.10 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

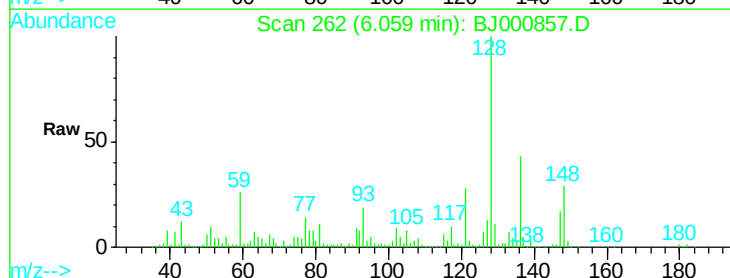
Tgt Ion: 61 Resp: 19208

Ion Ratio Lower Upper

61 100

45 75.9 56.4 96.4

47 12.4 10.1 50.1

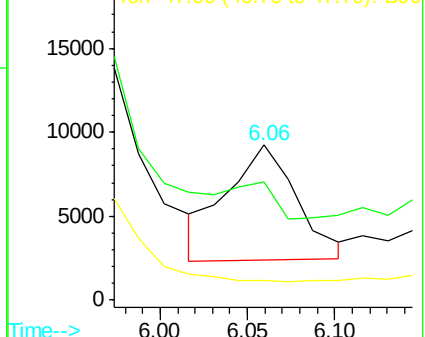
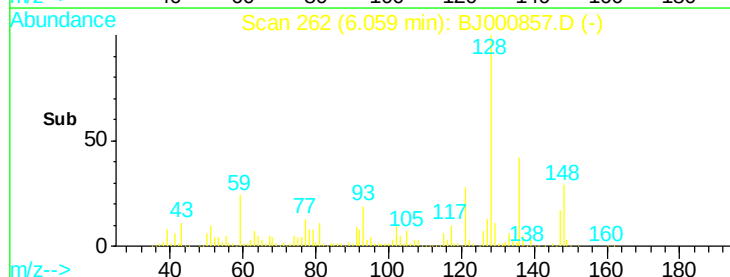


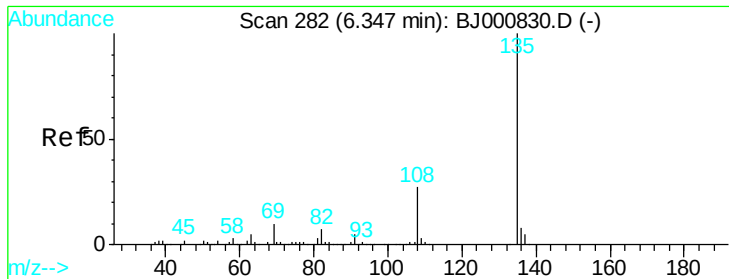
Abundance

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: 0.01 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

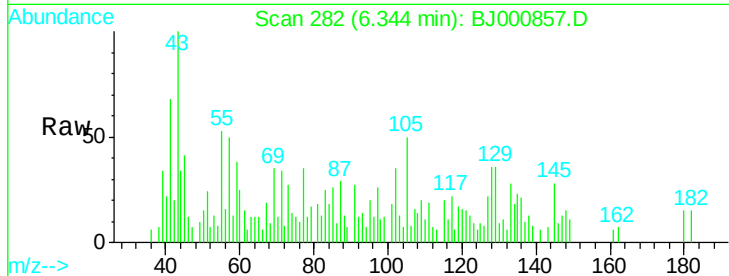
Tgt Ion:135 Resp: 3293

Ion Ratio Lower Upper

135 100

108 57.9 7.0 47.0#

69 148.6 0.0 30.4#

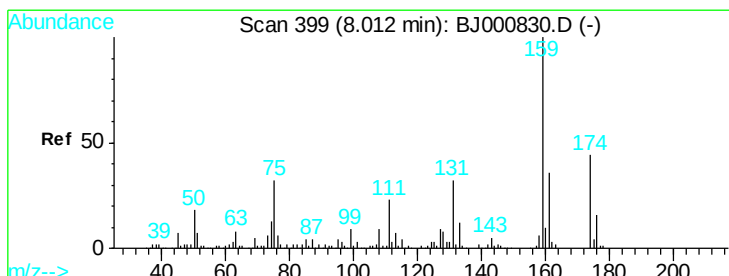
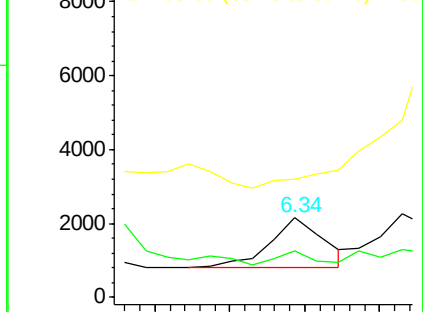
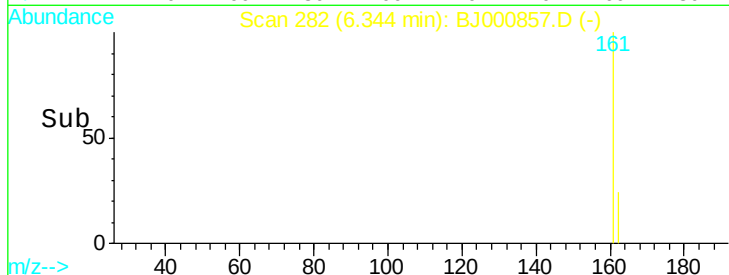


Abundance

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



#13

p-Chlorophenylmethylsulfoxide

Concen: 0.04 ug/mL

RT: 8.01 min Scan# 399

Delta R.T. -0.00 min

Lab File: BJ000857.D

Acq: 28 Apr 2012 4:10

Tgt Ion:159 Resp: 3604

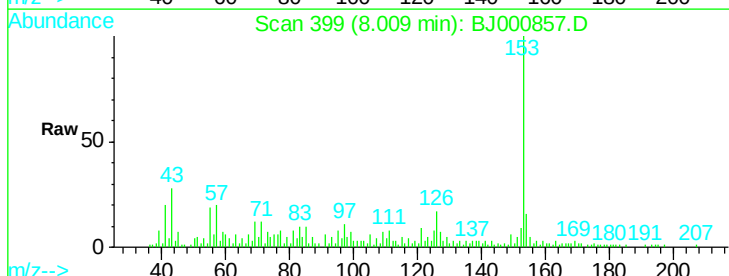
Ion Ratio Lower Upper

159 100

174 17.3 28.0 68.0#

108 34.0 0.0 28.5#

50 258.3 0.0 36.1#



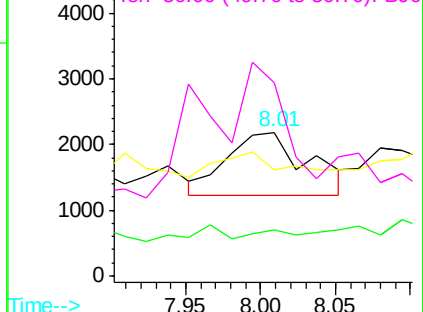
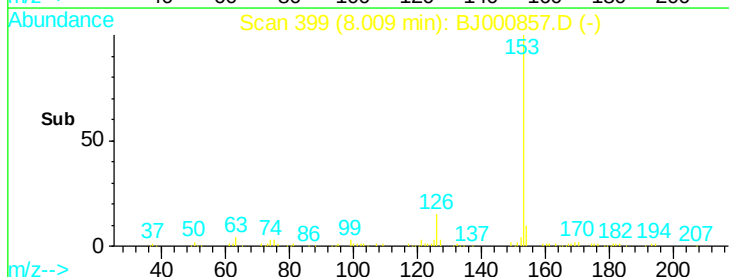
Abundance

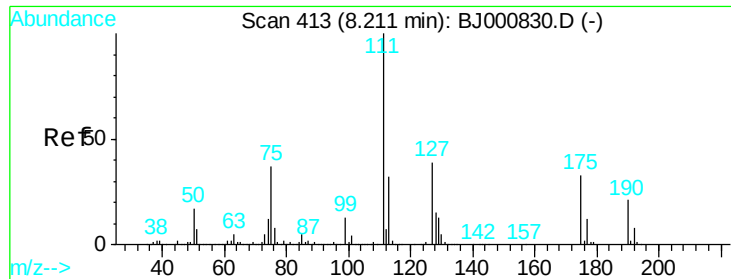
Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

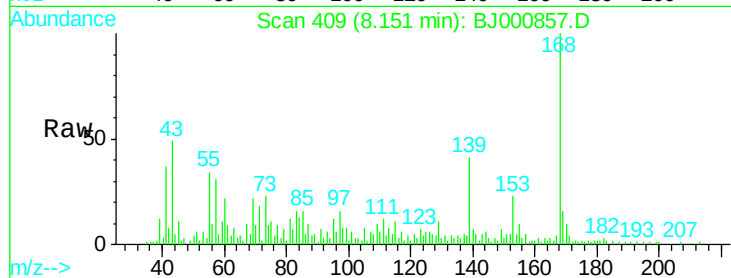
Ion 50.00 (49.70 to 50.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.06 ug/mL
 RT: 8.15 min Scan# 409
 Delta R.T. -0.06 min
 Lab File: BJ000857.D
 Acq: 28 Apr 2012 4:10

Tgt Ion:	111	Resp:	8769
Ion Ratio	Lower	Upper	
111	100		
75	99.1	18.5	58.5#
127	45.8	19.3	59.3
190	0.0	0.9	40.9#



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

