

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000856.D
 Acq On : 28 Apr 2012 3:52
 Sample : D2367-13
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 35
 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	199543	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	803008	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.11	99	166332	0.61	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	122.00%
12) 2-Bromothioanisole	7.34	204	238864	4.53	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
4) DIMP	5.08	97	2480	0.02	ug/mL#	1
8) Thiodiglycol	5.93	61	2544	1.77	ug/mL#	1
9) Benzothiazole	6.34	135	3484	0.02	ug/mL#	1
11) p-Chlorophenylmethylsulfid	6.46	158	1843	0.01	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.18	111	9647	0.08	ug/mL#	78

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Quant Time: Apr 30 10:33 2012

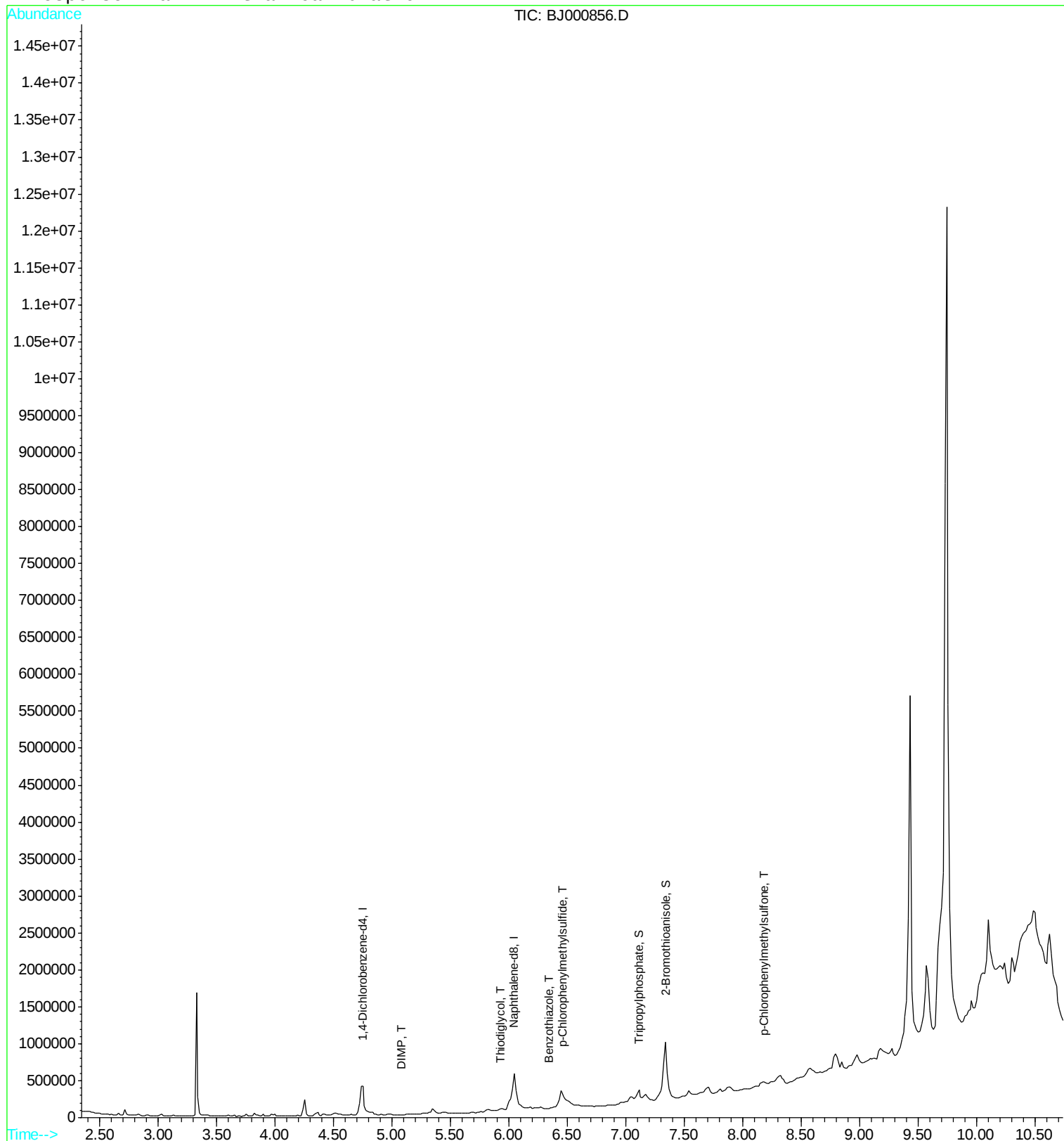
Quant Results File: BJ042612.RES

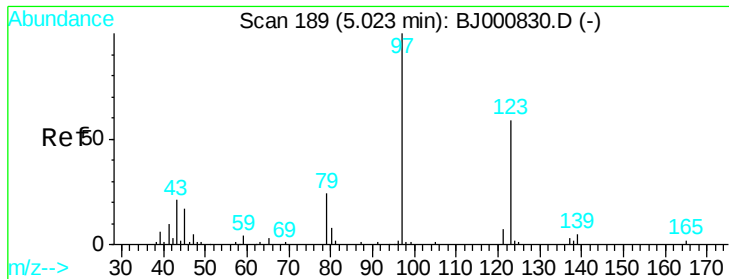
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#4

DIMP

Concen: 0.02 ug/mL

RT: 5.08 min Scan# 193

Delta R.T. 0.05 min

Lab File: BJ000856.D

Acq: 28 Apr 2012 3:52

Tgt Ion: 97 Resp: 2480

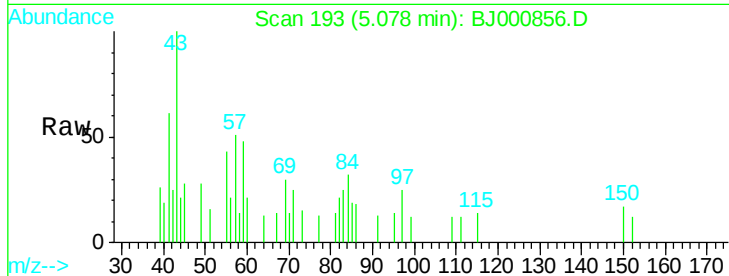
Ion Ratio Lower Upper

97 100

123 0.0 39.1 79.1#

43 394.3 0.9 40.9#

41 241.7 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

8000

6000

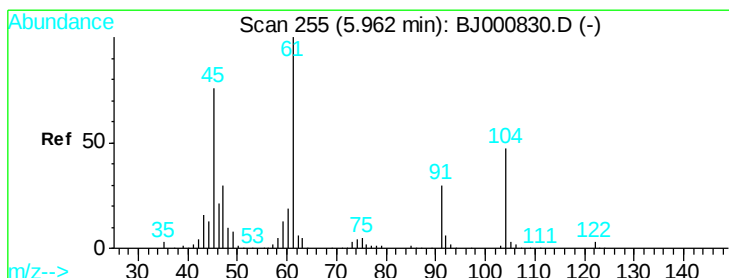
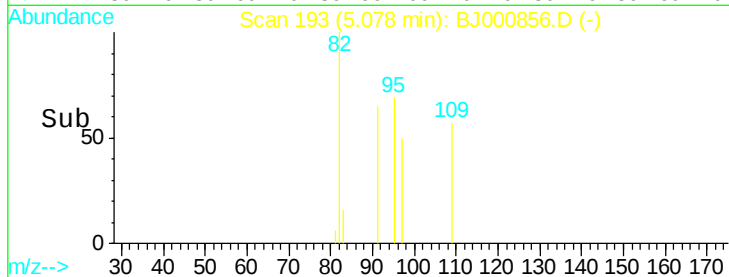
4000

2000

0

5.08

Time-->



#8

Thiodiglycol

Concen: 1.77 ug/mL

RT: 5.93 min Scan# 253

Delta R.T. -0.03 min

Lab File: BJ000856.D

Acq: 28 Apr 2012 3:52

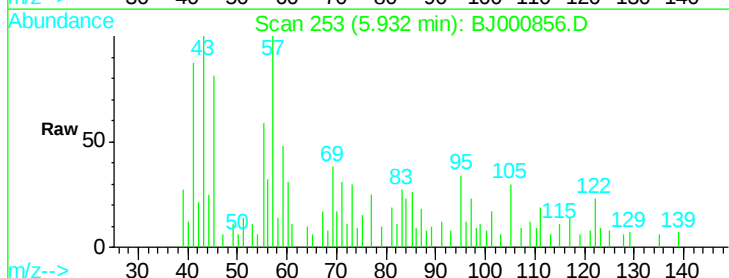
Tgt Ion: 61 Resp: 2544

Ion Ratio Lower Upper

61 100

45 754.8 56.4 96.4#

47 55.0 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

8000

6000

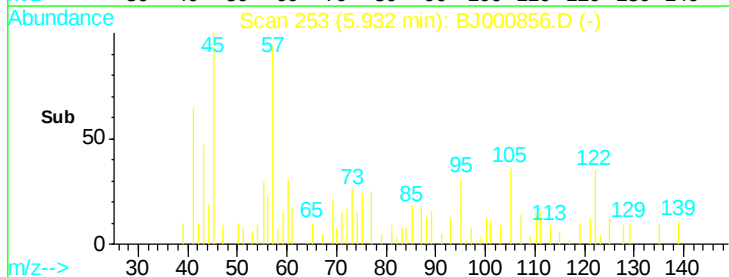
4000

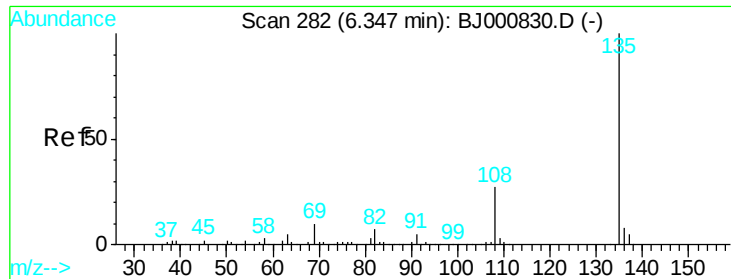
2000

0

5.93

Time-->





#9

Benzothiazole

Concen: 0.02 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000856.D

Acq: 28 Apr 2012 3:52

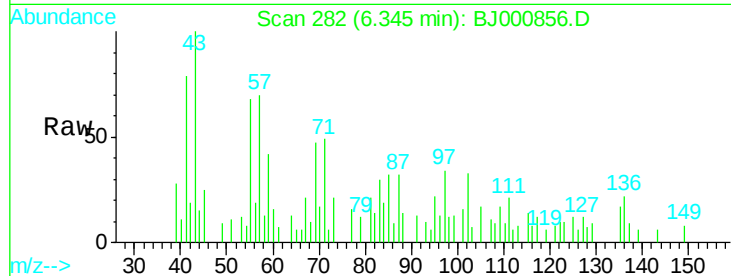
Tgt Ion:135 Resp: 3484

Ion Ratio Lower Upper

135 100

108 54.1 7.0 47.0#

69 285.9 0.0 30.4#

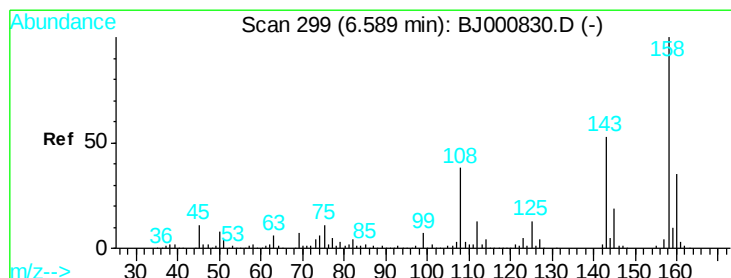
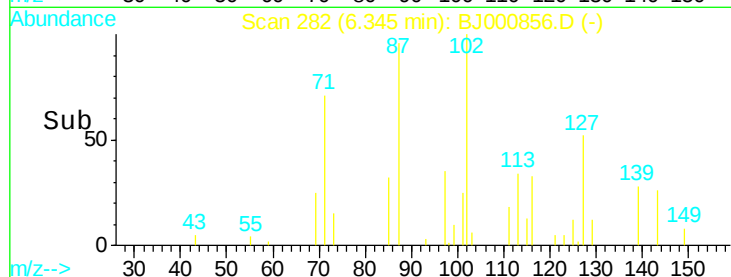
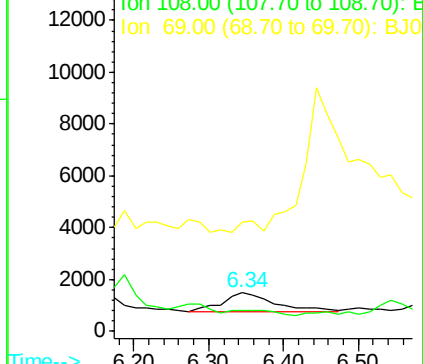


Abundance

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



#11

p-Chlorophenylmethylsulfide

Concen: 0.01 ug/mL

RT: 6.46 min Scan# 290

Delta R.T. -0.13 min

Lab File: BJ000856.D

Acq: 28 Apr 2012 3:52

Tgt Ion:158 Resp: 1843

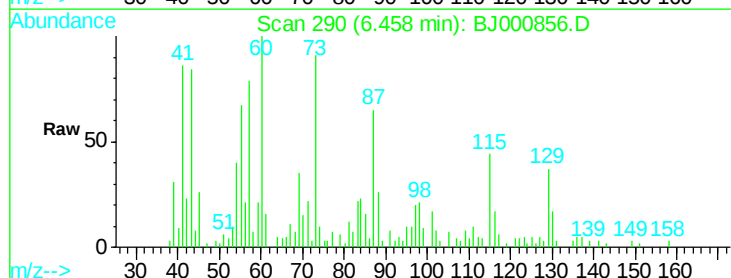
Ion Ratio Lower Upper

158 100

143 69.7 32.7 72.7

108 93.1 18.7 58.7#

45 806.3 0.0 31.9#



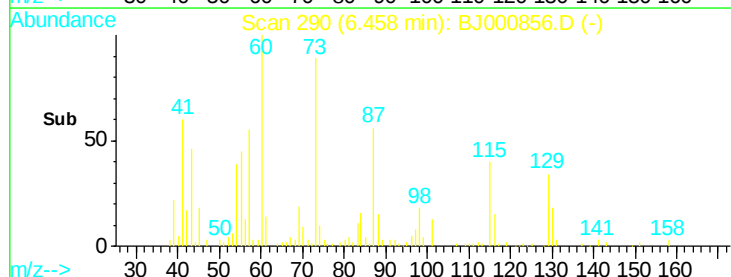
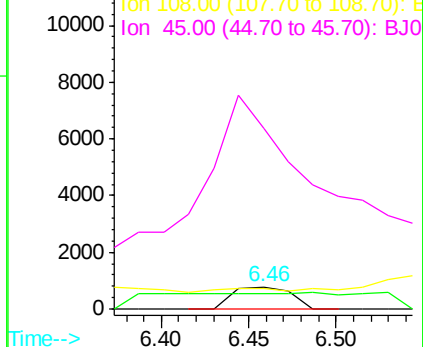
Abundance

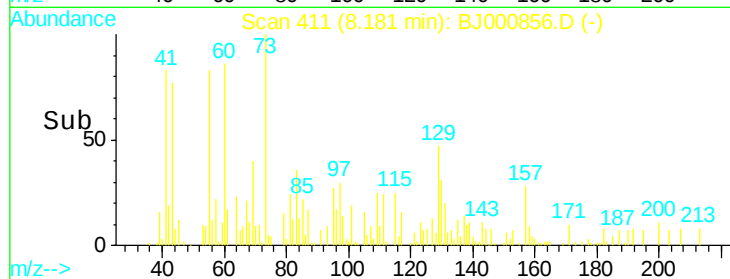
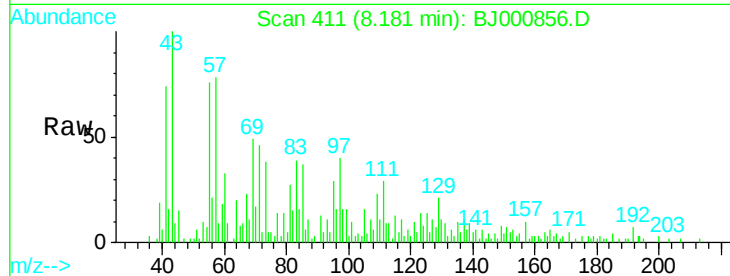
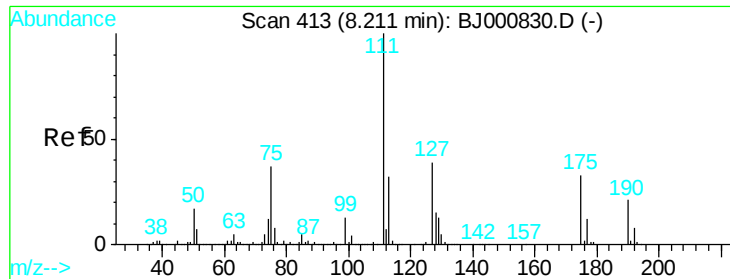
Ion 158.00 (157.70 to 158.70): E

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





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.08 ug/mL
 RT: 8.18 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BJ000856.D
 Acq: 28 Apr 2012 3:52

Tgt Ion:	111	Resp:	9647
Ion Ratio	Lower	Upper	
111	100		
75	16.8	18.5	58.5#
127	36.5	19.3	59.3
190	6.1	0.9	40.9

