

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001045.D
 Acq On : 20 Jul 2012 15:44
 Sample : D3359-01
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jul 20 16:26 2012

Vial: 12
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ072012.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Jul 20 14:08:00 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.67	152	239229	2.00	ug/mL	0.00
6) Naphthalene-d8	5.95	136	957275	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.01	99	214200	0.61	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	122.00%
12) 2-Bromothioanisole	7.26	204	337411	4.51	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
5) 1,4-Oxathiane	3.64	46	3781	0.03	ug/mL	85
7) 1,4-Dithiane	5.11	46	7031	0.08	ug/mL	88
8) Thiodiqlvcol	5.86	61	13667	0.18	ug/mL#	1
9) Benzothiazole	6.26	135	24924	0.10	ug/mL#	45
14) p-Chlorophenylmethylsulfon	8.05	111	4509	0.03	ug/mL#	79

Quantitation Report

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Quant Time: Jul 20 16:26 2012

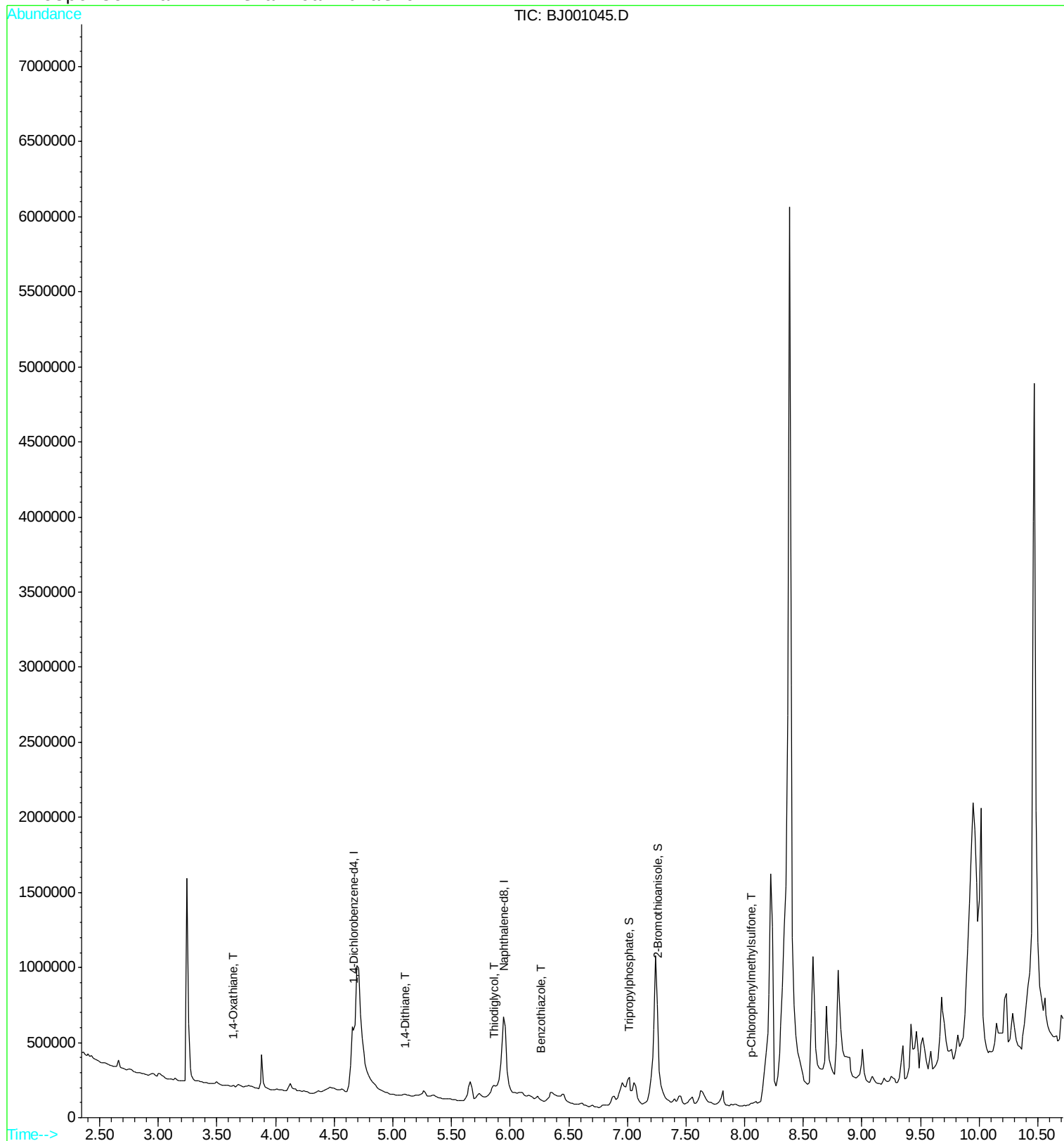
Quant Results File: BJ072012.RES

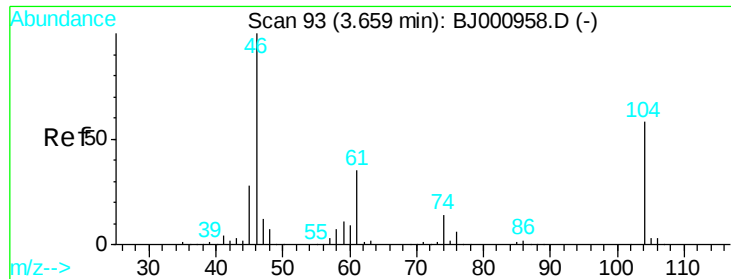
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jul 20 14:08:00 2012

Response via : Initial Calibration





#5

1,4-Oxathiane

Concen: 0.03 ug/mL

RT: 3.64 min Scan# 92

Delta R.T. -0.00 min

Lab File: BJ001045.D

Acq: 20 Jul 2012 15:44

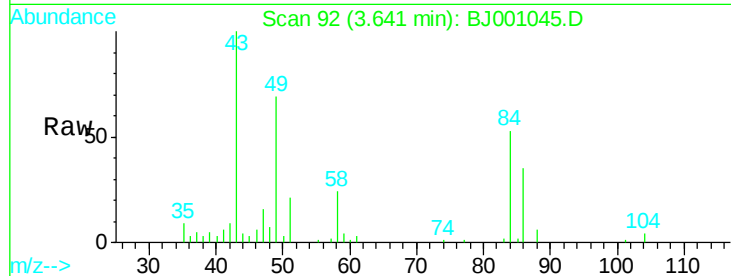
Tgt Ion: 46 Resp: 3781

Ion Ratio Lower Upper

46 100

61 46.2 19.4 59.4

104 66.3 34.1 74.1

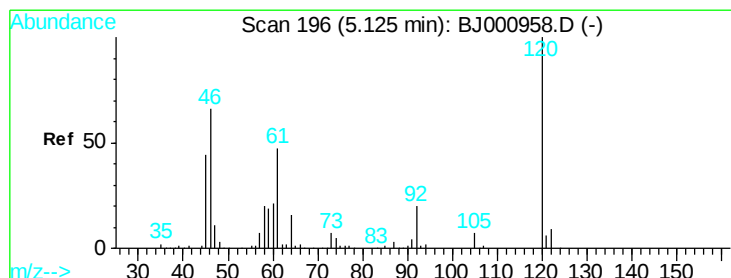
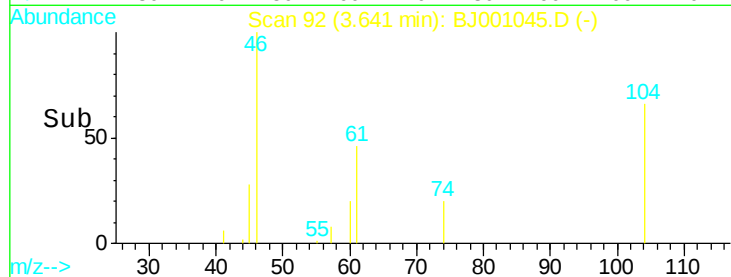
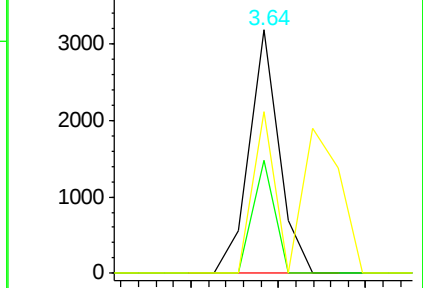


Abundance

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: 0.08 ug/mL

RT: 5.11 min Scan# 195

Delta R.T. -0.00 min

Lab File: BJ001045.D

Acq: 20 Jul 2012 15:44

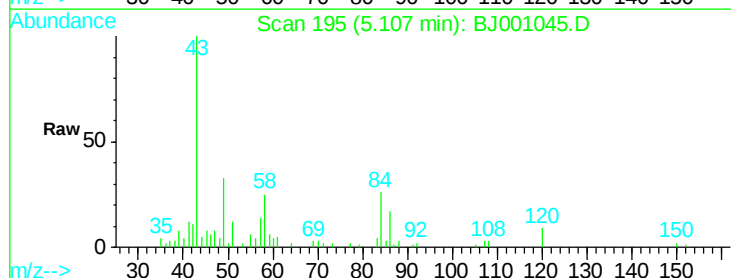
Tgt Ion: 46 Resp: 7031

Ion Ratio Lower Upper

46 100

61 94.0 63.7 103.7

120 150.9 148.0 188.0

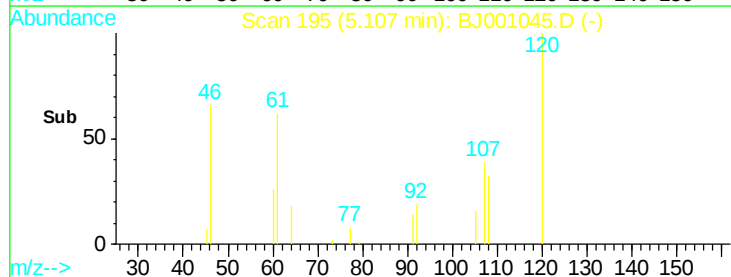
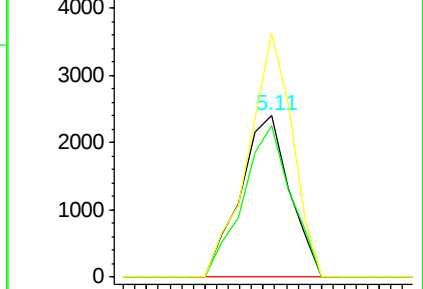


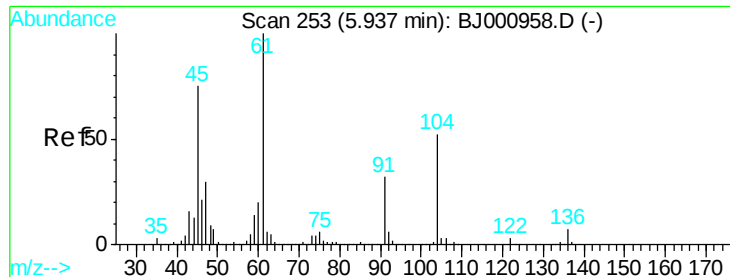
Abundance

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: 0.18 ug/mL

RT: 5.86 min Scan# 248

Delta R.T. -0.06 min

Lab File: BJ001045.D

Acq: 20 Jul 2012 15:44

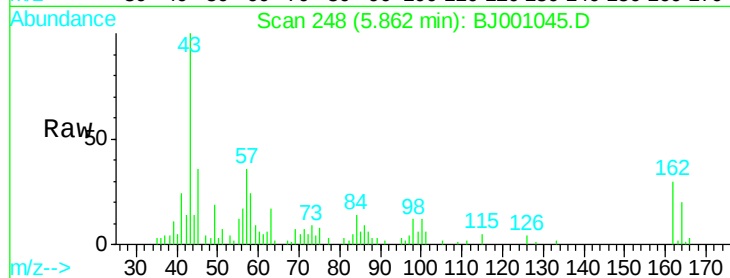
Tgt Ion: 61 Resp: 13667

Ion Ratio Lower Upper

61 100

45 709.1 49.0 89.0#

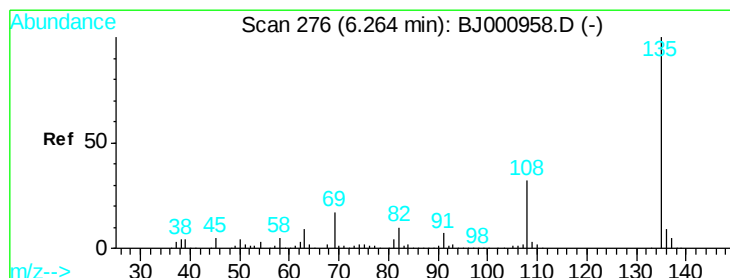
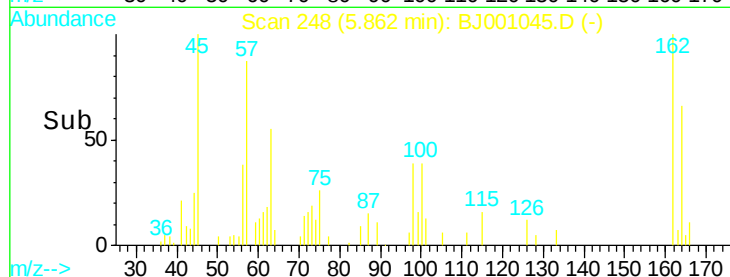
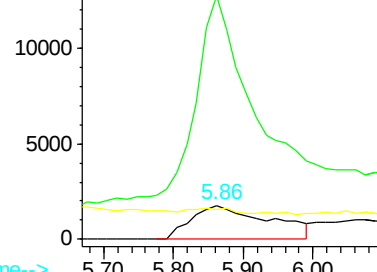
47 88.1 7.6 47.6#



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: 0.10 ug/mL

RT: 6.26 min Scan# 276

Delta R.T. 0.01 min

Lab File: BJ001045.D

Acq: 20 Jul 2012 15:44

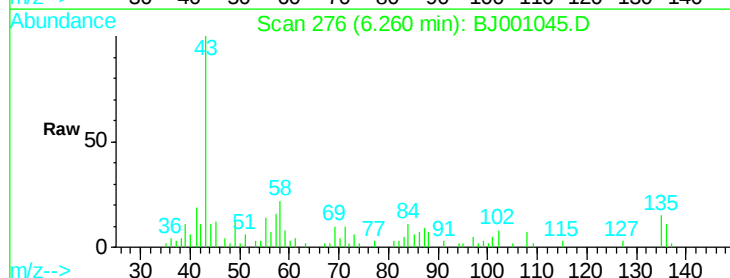
Tgt Ion: 135 Resp: 24924

Ion Ratio Lower Upper

135 100

108 42.9 9.9 49.9

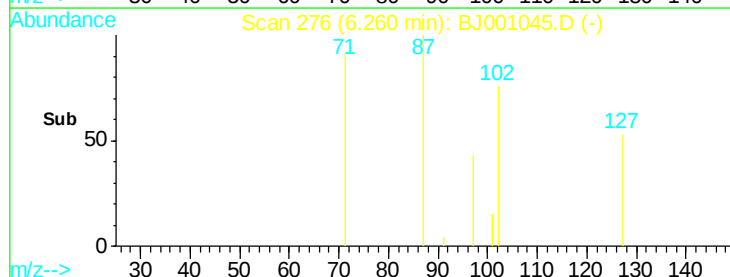
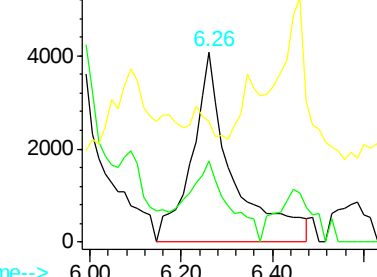
69 63.6 0.0 35.1#

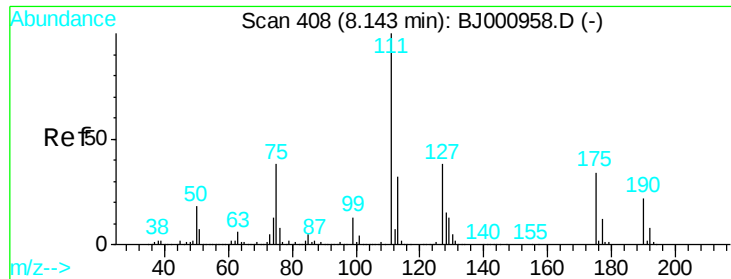


Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

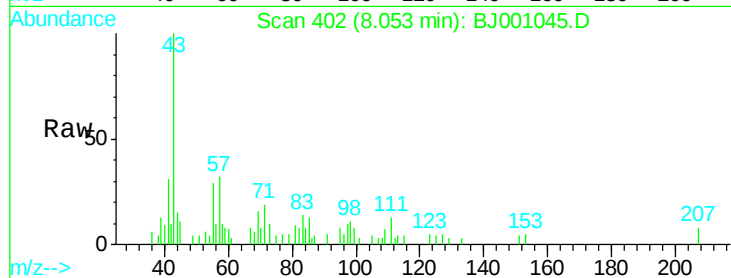
Ion 69.00 (68.70 to 69.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.03 ug/mL
 RT: 8.05 min Scan# 402
 Delta R.T. -0.08 min
 Lab File: BJ001045.D
 Acq: 20 Jul 2012 15:44

Tgt Ion:	111	Resp:	4509
Ion	Ratio	Lower	Upper
111	100		
75	27.9	22.6	62.6
127	39.5	17.2	57.2
190	0.0	2.0	42.0#



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

