

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001109.D
Acq On : 11 Sep 2012 15:02
Sample : CWA-ICV
Misc : CWA STD BNA_J HLM
MS Integration Params: rteint.p
Quant Time: Sep 11 15:43 2012

Vial: 8
Operator: HLM
Inst : BNA_J
Multiplr: 1.00

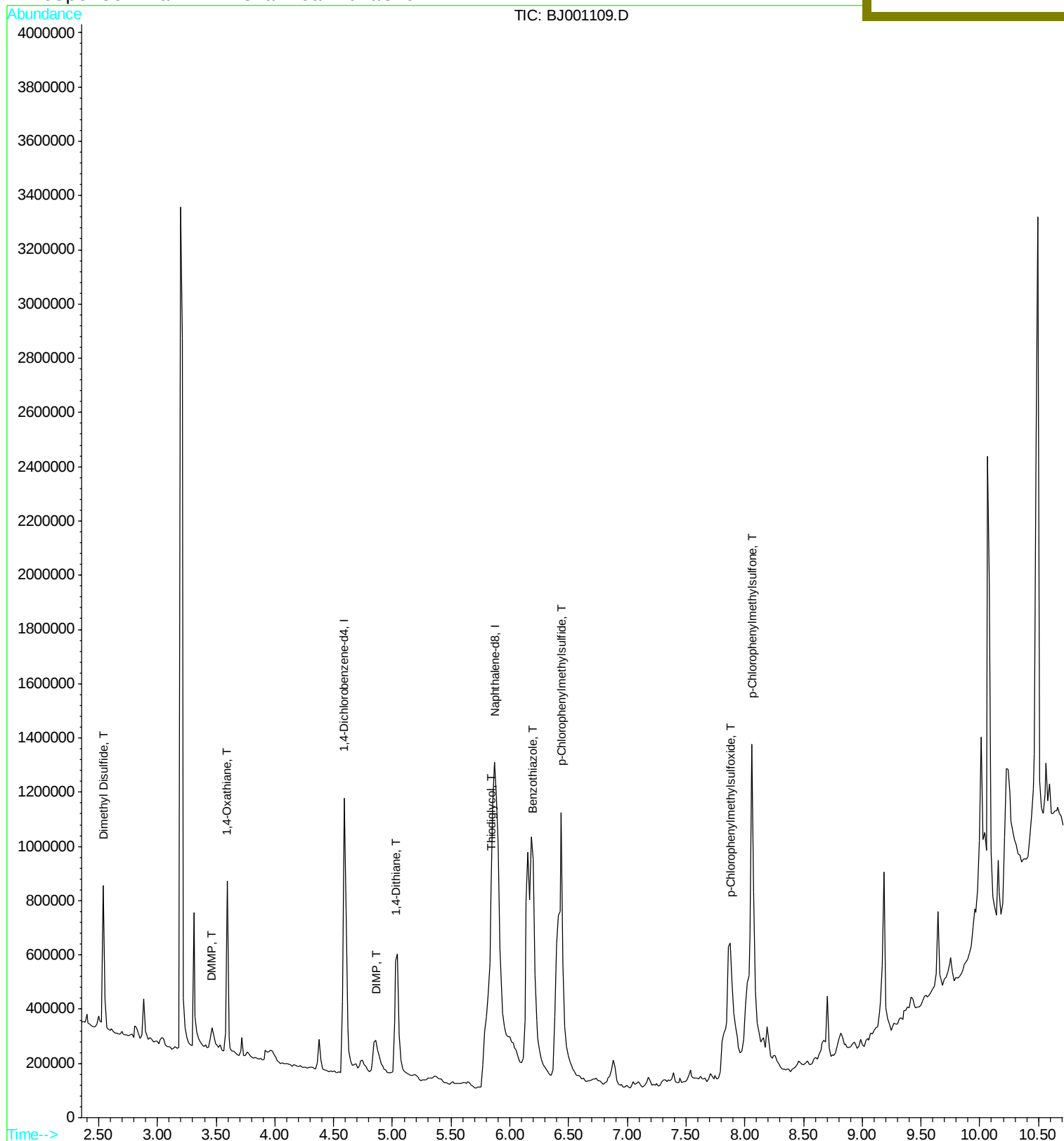
Instrument :
BNA_J
ClientSampleId :
CWA-ICV

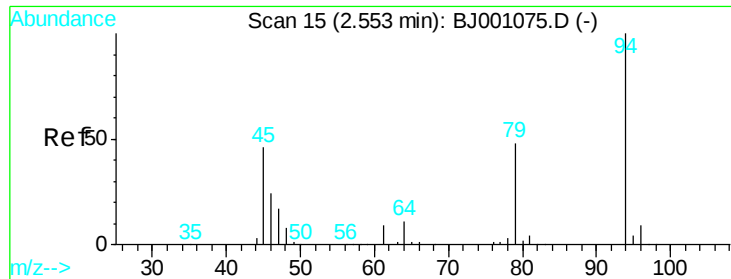
Quant Results File: BJ091112.F

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Tue Sep 11 15:37:34 2012
Response via : Initial Calibration

Manual Integrations
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9/20/2012 5:29:28 AM





#2

Dimethyl Disulfide

Concen: 1.08 ug/mL

RT: 2.54 min Scan# 14

Delta R.T. 0.08 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

Instrument :

BNA_J

ClientSampleId :

CWA-ICV

Tgt Ion: 94 Resp: 166442

Ion Ratio Lower Upper

94 100

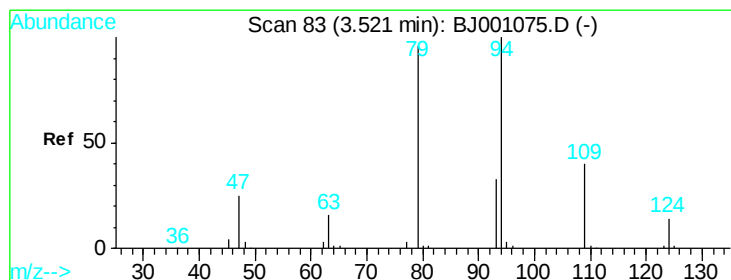
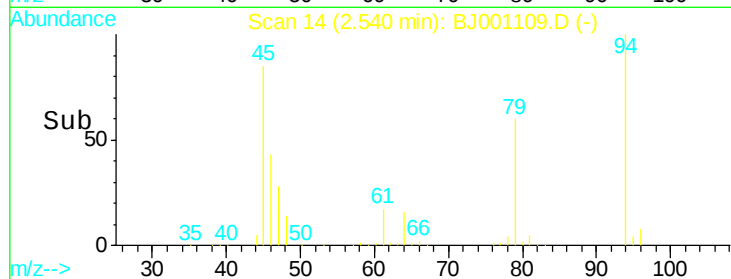
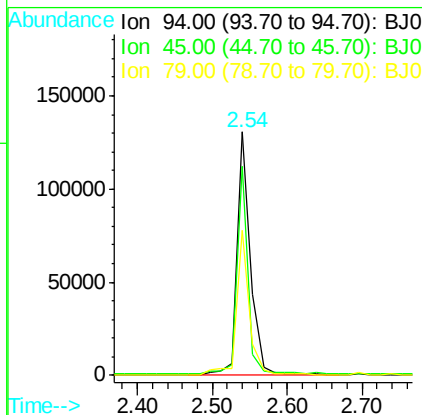
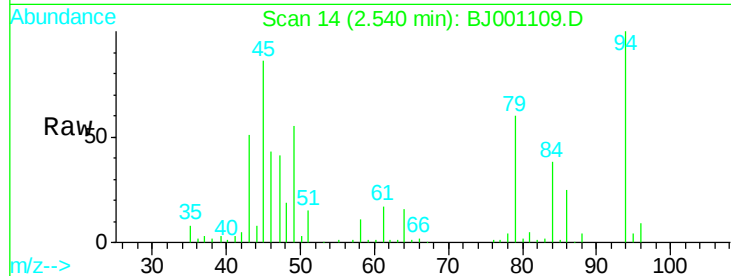
45 85.8 12.7 52.7#

79 59.8 22.9 62.9

Manual Integrations
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#3

DMMP

Concen: 0.62 ug/mL

RT: 3.46 min Scan# 79

Delta R.T. -0.01 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

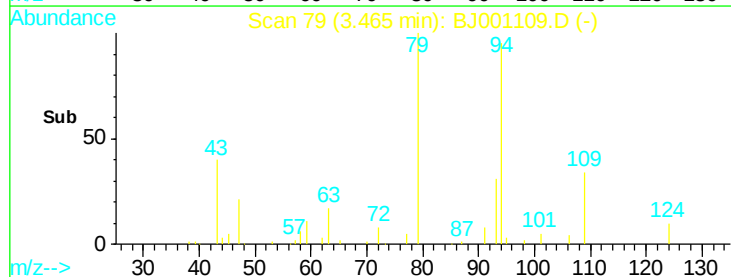
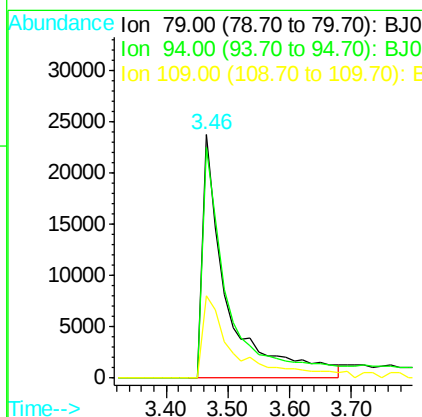
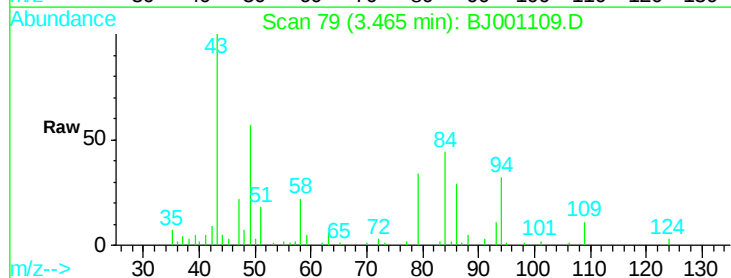
Tgt Ion: 79 Resp: 65691

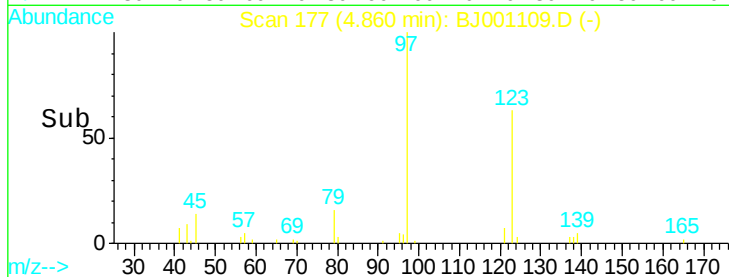
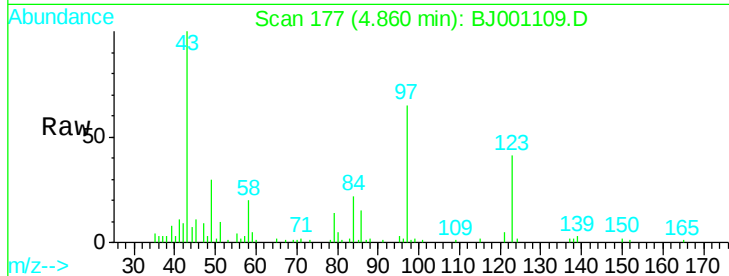
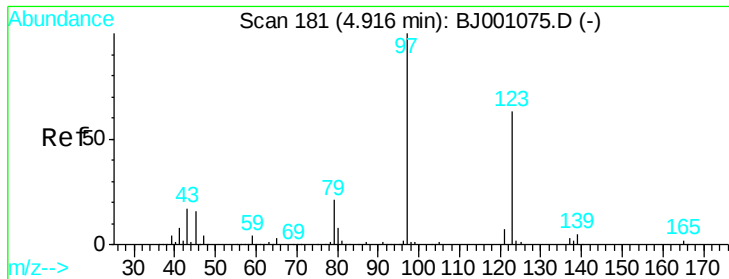
Ion Ratio Lower Upper

79 100

94 94.7 80.9 120.9

109 33.6 20.3 60.3





#4

DIMP

Concen: 0.59 ug/mL

RT: 4.86 min Scan# 177

Delta R.T. -0.02 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

Instrument :

BNA_J

ClientSampled :

CWA-ICV

Tgt Ion: 97 Resp: 191247

Ion Ratio Lower Upper

97 100

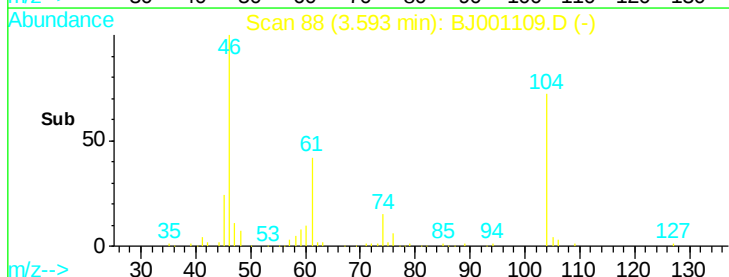
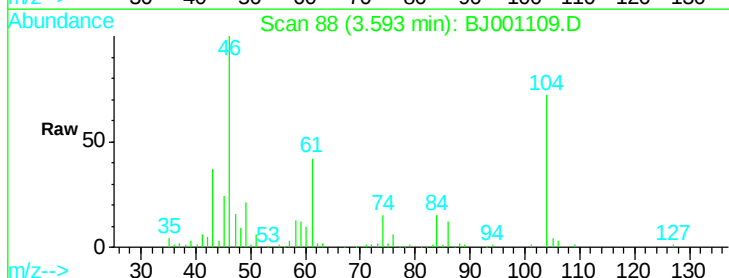
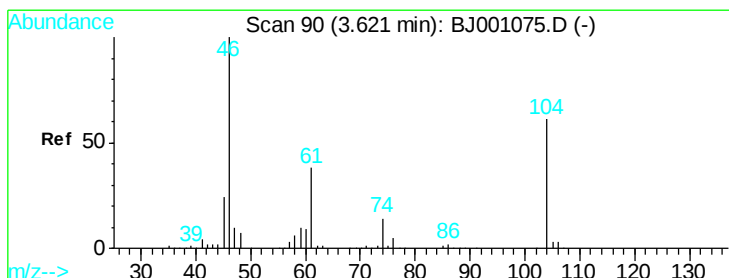
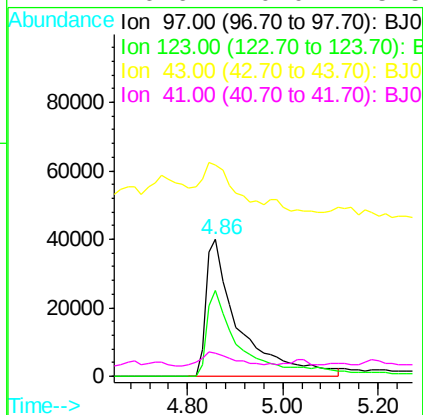
123 62.7 47.2 87.2

43 154.2 0.0 36.5#

41 16.6 0.0 28.5

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#5

1,4-Oxathiane

Concen: 1.41 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. 0.02 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

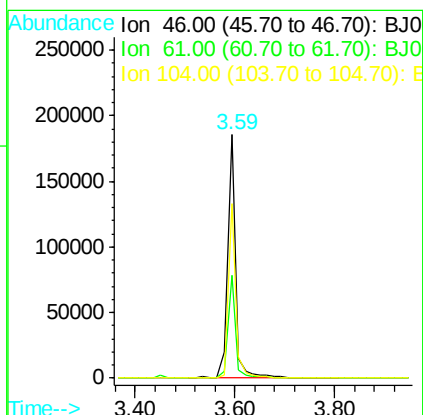
Tgt Ion: 46 Resp: 206829

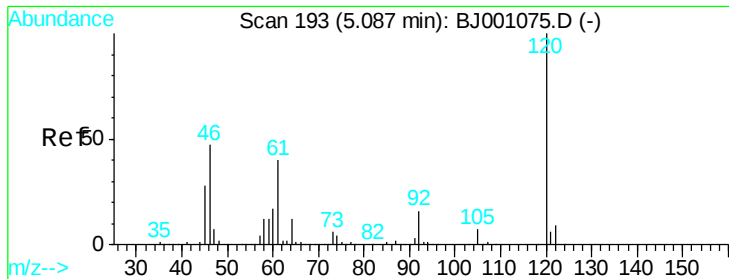
Ion Ratio Lower Upper

46 100

61 42.1 17.1 57.1

104 71.7 29.3 69.3#





#7

1,4-Dithiane

Concen: 1.30 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. -0.01 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

Instrument :

BNA_J

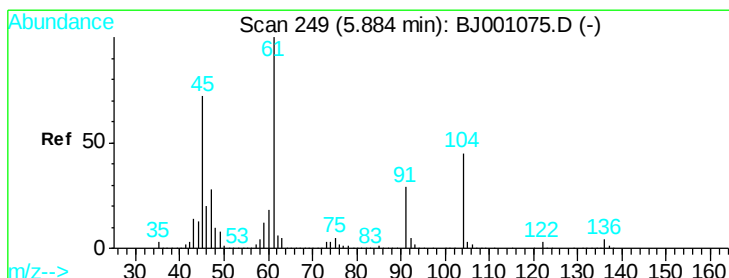
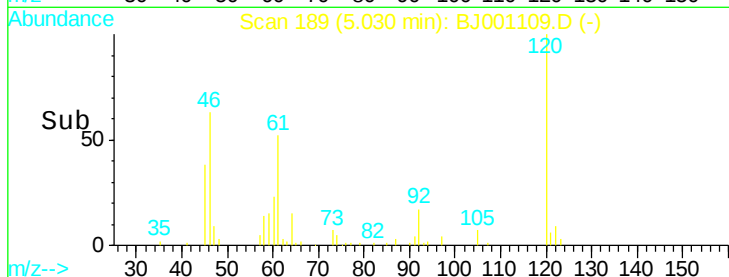
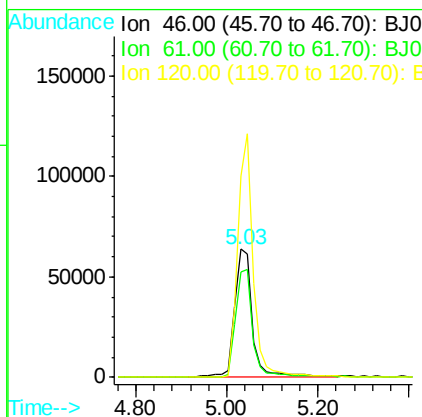
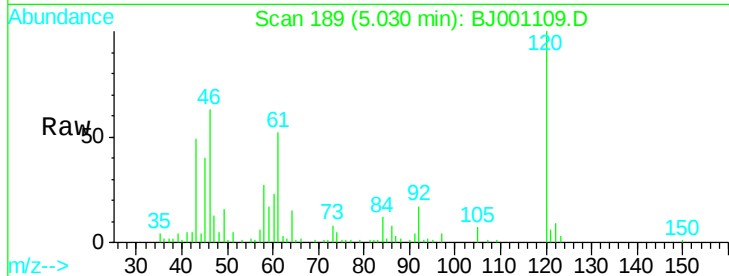
ClientSampleId :

CWA-ICV

Tgt Ion: 46 Resp: 177857
 Ion Ratio Lower Upper
 46 100
 61 82.7 60.0 100.0
 120 157.7 138.1 178.1

Manual Integrations
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#8

Thiodiglycol

Concen: 7.40 ug/mL

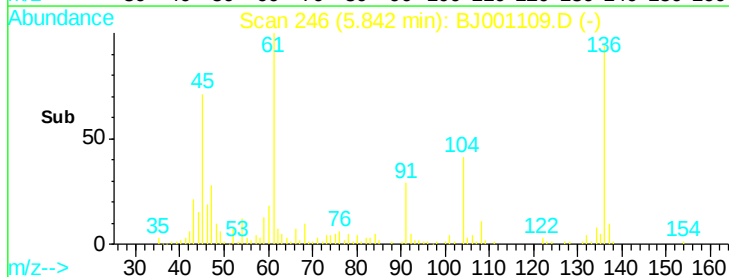
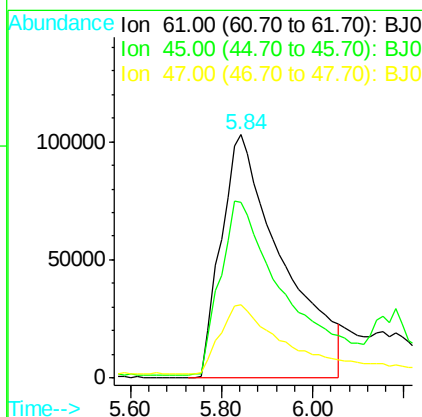
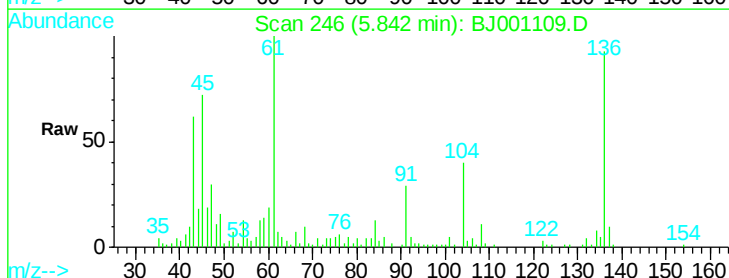
RT: 5.84 min Scan# 246

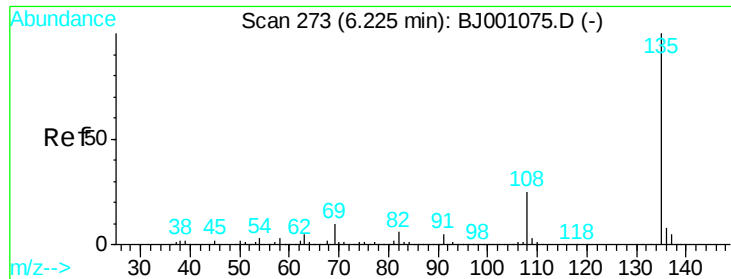
Delta R.T. 0.01 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

Tgt Ion: 61 Resp: 963241
 Ion Ratio Lower Upper
 61 100
 45 72.3 54.0 94.0
 47 30.2 9.6 49.6





#9

Benzothiazole

Concen: 3.89 ug/mL

RT: 6.20 min Scan# 271

Delta R.T. 0.01 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

Instrument :

BNA_J

ClientSampled :

CWA-ICV

Tgt Ion:135 Resp: 1696272

Ion Ratio Lower Upper

135 100

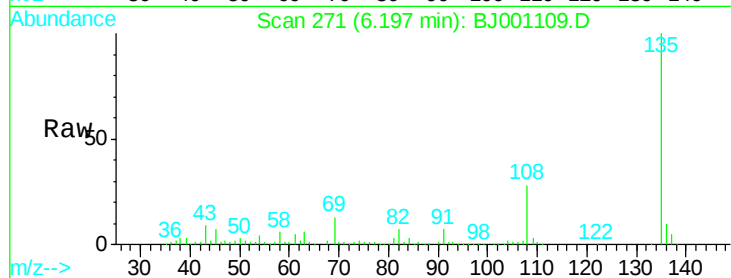
108 28.5 5.8 45.8

69 12.6 0.0 30.2

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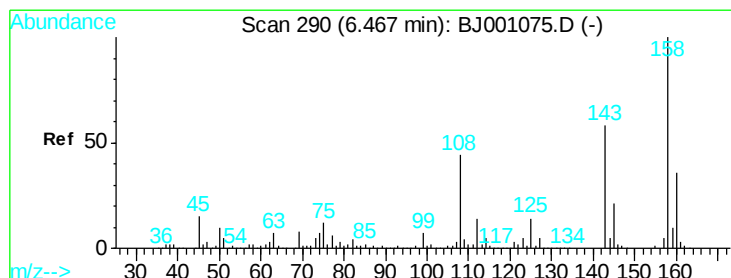
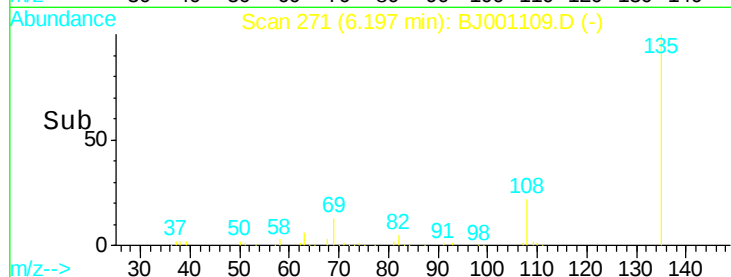
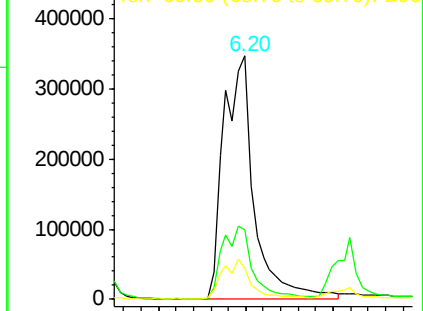


Abundance

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): BJO



#11

p-Chlorophenylmethylsulfide

Concen: 2.61 ug/mL

RT: 6.44 min Scan# 288

Delta R.T. 0.01 min

Lab File: BJ001109.D

Acq: 11 Sep 2012 15:02

Tgt Ion:158 Resp: 673884

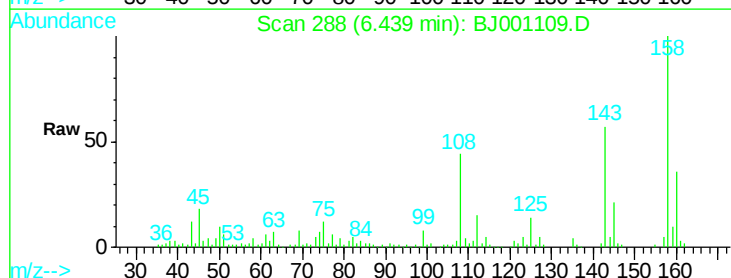
Ion Ratio Lower Upper

158 100

143 56.7 39.2 79.2

108 43.7 24.9 64.9

45 18.1 0.0 36.2



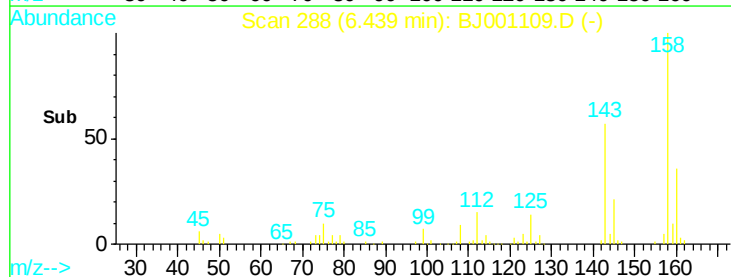
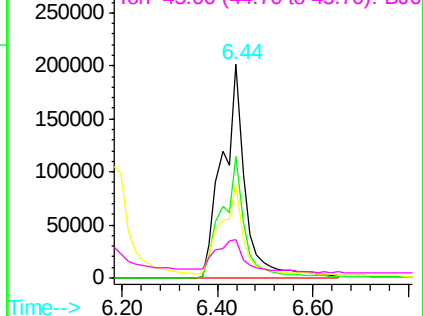
Abundance

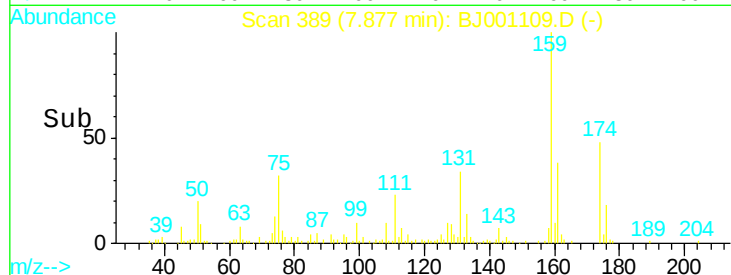
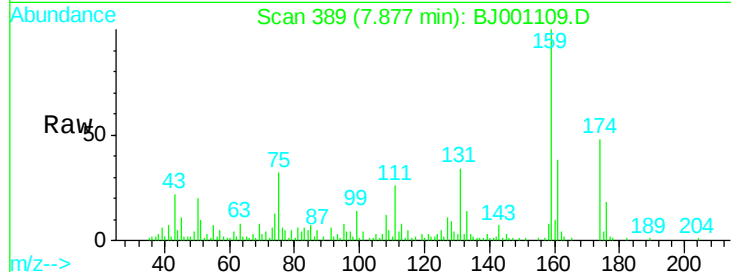
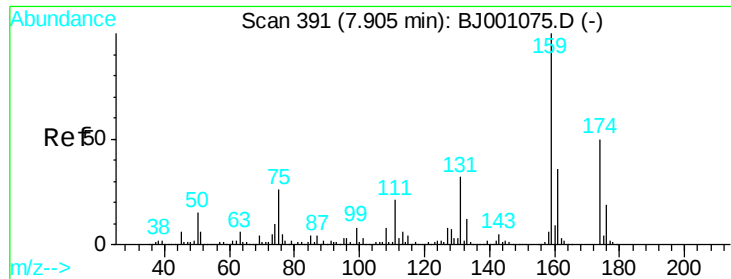
Ion 158.00 (157.70 to 158.70): E

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): BJO





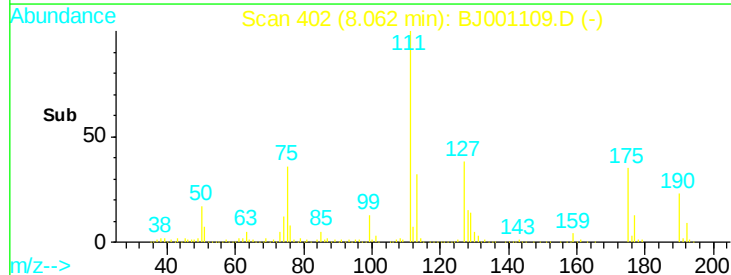
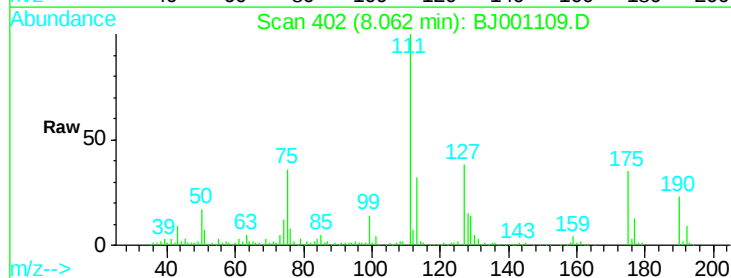
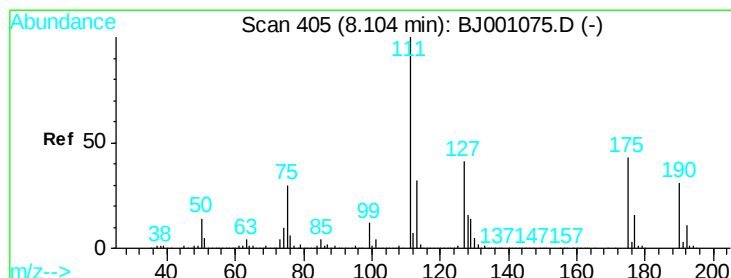
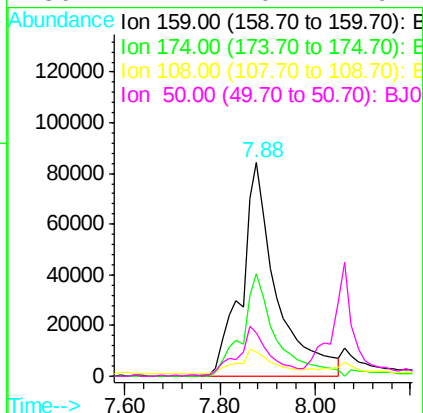
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.58 ug/mL
RT: 7.88 min Scan# 389
Delta R.T. 0.02 min
Lab File: BJ001109.D
Acq: 11 Sep 2012 15:02

Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Manual Integrations
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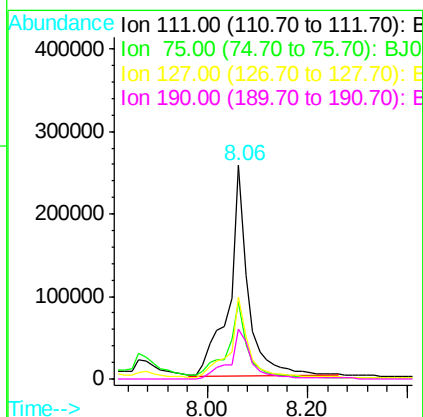
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
159	100		425761		
174	46.7	27.2	67.2		
108	11.3	0.0	29.4		
50	22.2	0.7	40.7		



#14
p-Chlorophenylmethylsulfone
Concen: 3.27 ug/mL
RT: 8.06 min Scan# 402
Delta R.T. 0.01 min
Lab File: BJ001109.D
Acq: 11 Sep 2012 15:02

Tgt Ion	Ion	Ratio	Lower	Upper
111	100			
75	35.8	21.3	61.3	
127	38.4	16.0	56.0	
190	23.3	0.0	36.9	



Data File : H:\VOL1\GCMSDATA\J\120911\BJ001109.D
 Acq On : 11 Sep 2012 15:02
 Sample : CWA-ICV
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:43 2012

Vial: 8
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 CWA-ICV

Quant Results File: BJ091112.F

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Sep 11 15:38:38 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.59	152	349645	2.00	ug/mL	0.00
6) Naphthalene-d8	5.87	136	1606400	2.00	ug/mL	-0.02

System Monitoring Compounds

10) Tripropylphosphate	6.89	99	2143	0.00	ug/mL	-0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	=	0.00%#
12) 2-Bromothioanisole	0.00	204	0	0.00	ug/mL	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.54	94	166442	1.08	ug/mL#	44
3) DMMP	3.46	79	65691	0.62	ug/mL	93
4) DIMP	4.86	97	191247	0.59	ug/mL#	36
5) 1,4-Oxathiane	3.59	46	206829	1.41	ug/mL#	78
7) 1,4-Dithiane	5.03	46	177857	1.30	ug/mL	99
8) Thiodiglycol	5.84	61	963241	7.40	ug/mL	98
9) Benzothiazole	6.20	135	1696272	3.89	ug/mL	94
11) p-Chlorophenylmethyldisulfide	6.44	158	673884	2.61	ug/mL	97
13) p-Chlorophenylmethyldisulfox	7.88	159	425761	2.58	ug/mL	98
14) p-Chlorophenylmethyldisulfon	8.06	111	674724	3.27	ug/mL	92