

Quantitation Report

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001106.D
 Acq On : 11 Sep 2012 14:09
 Sample : CWA-3
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:32 2012

Vial: 5
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

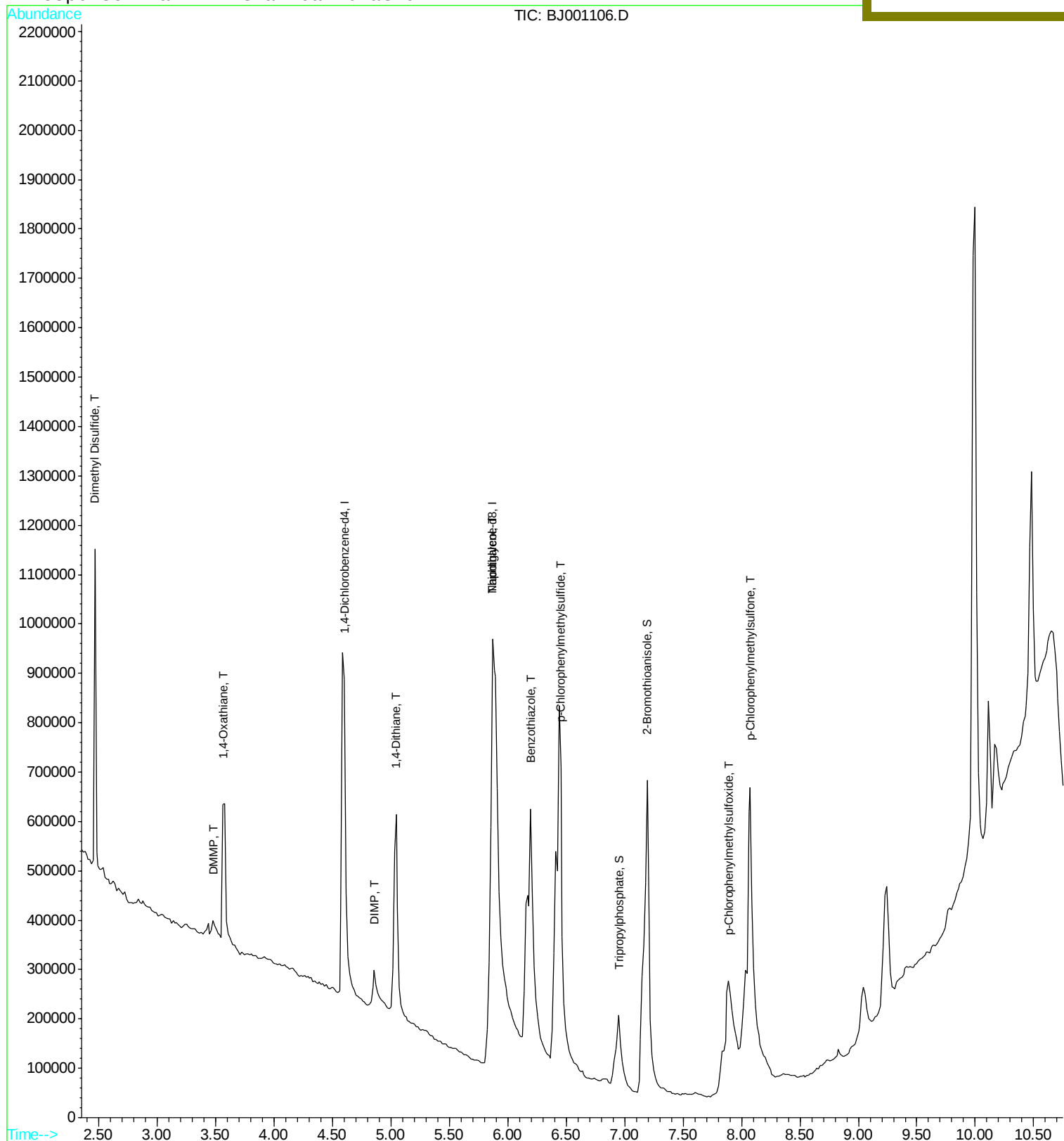
Instrument :
 BNA_J
 LabSampleId :
 CWA-3

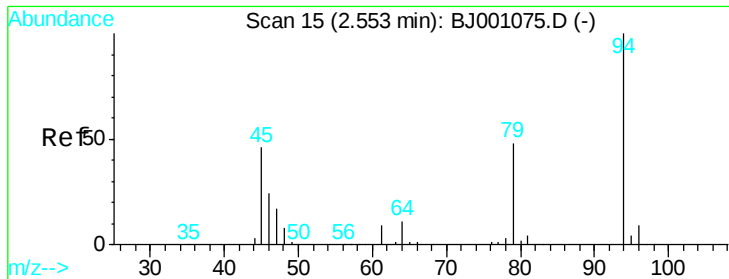
Quant Results File: BJ091112.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Sep 11 15:29:36 2012
 Response via : Initial Calibration

Manual Integrations
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 9/20/2012 5:29:22 AM





#2

Dimethyl Disulfide

Concen: 1.71 ug/mL

RT: 2.47 min Scan# 9

Delta R.T. 0.00 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

Instrument :

BNA_J

LabSampleId :

CWA-3

Tgt Ion: 94 Resp: 206079

Ion Ratio Lower Upper

94 100

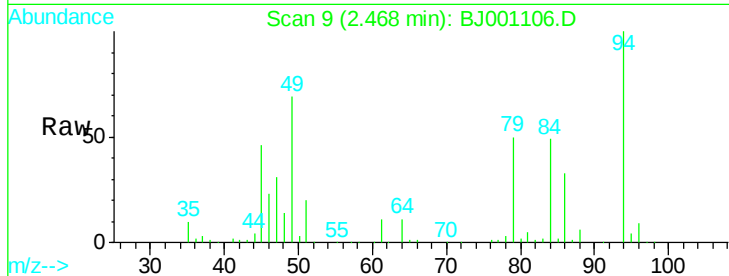
45 46.0 12.7 52.7

79 50.1 22.9 62.9

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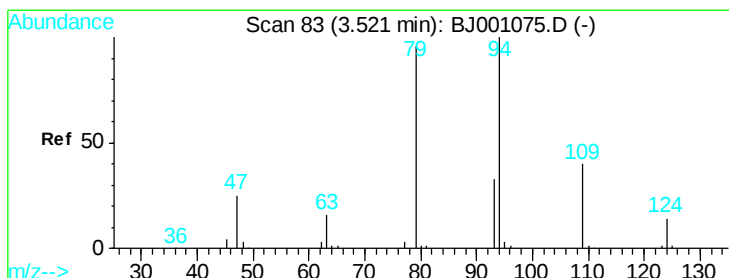
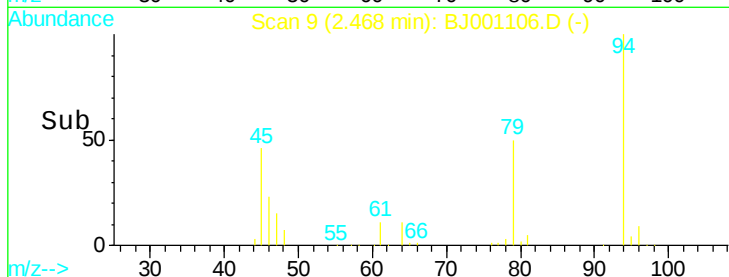
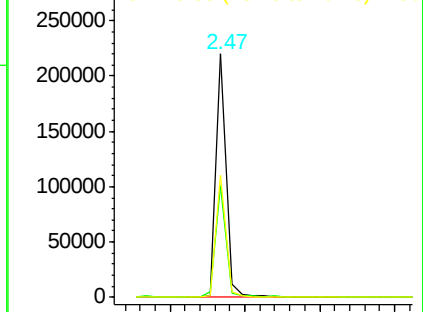


Abundance

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: 0.28 ug/mL

RT: 3.48 min Scan# 80

Delta R.T. 0.00 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

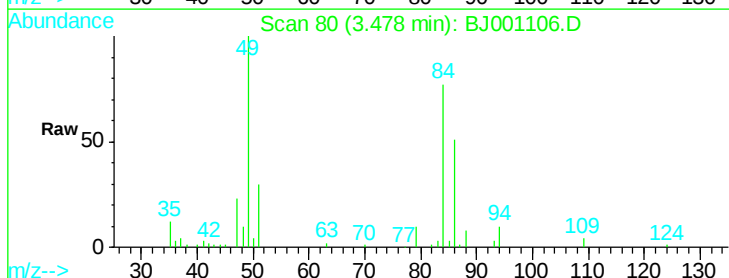
Tgt Ion: 79 Resp: 40773

Ion Ratio Lower Upper

79 100

94 100.4 80.9 120.9

109 41.4 20.3 60.3

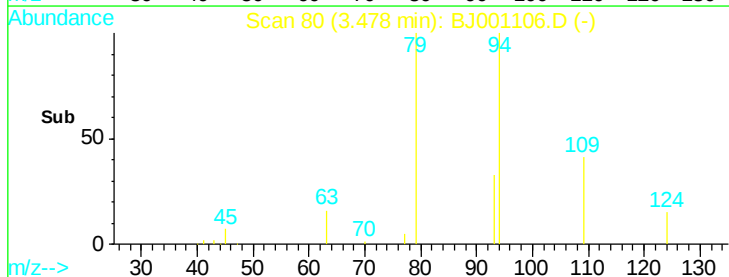
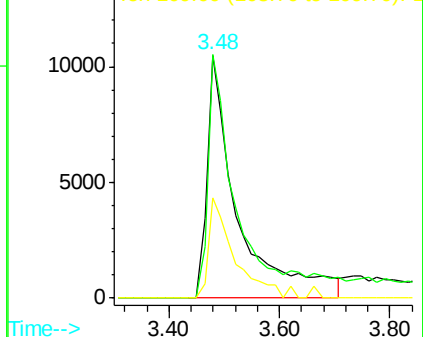


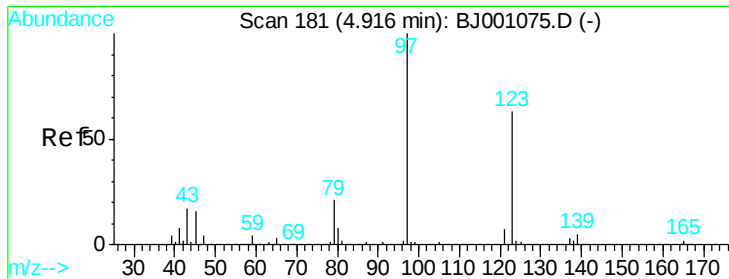
Abundance

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: 0.43 ug/mL

RT: 4.86 min Scan# 177

Delta R.T. -0.02 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

Instrument :

BNA_J

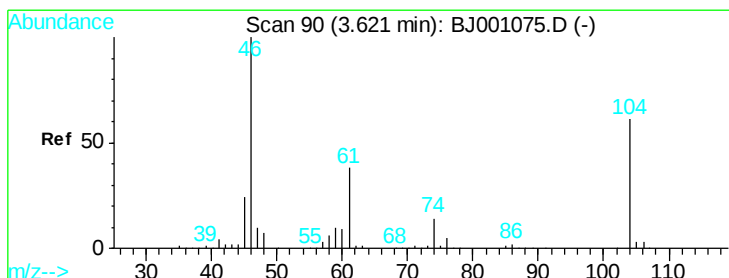
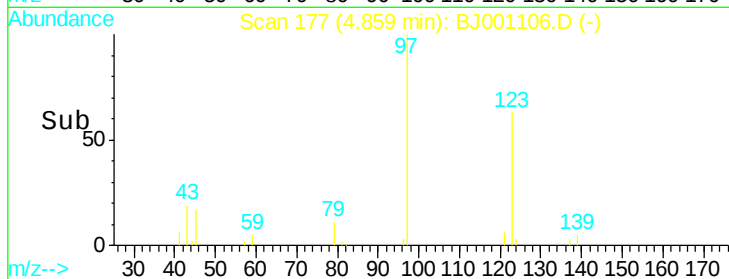
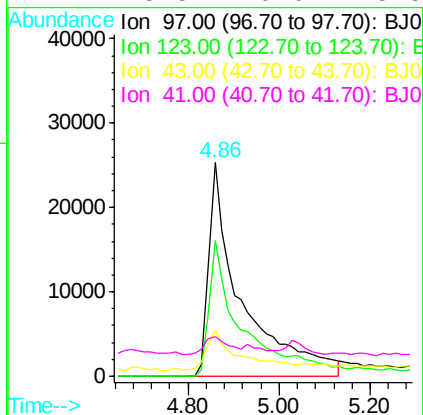
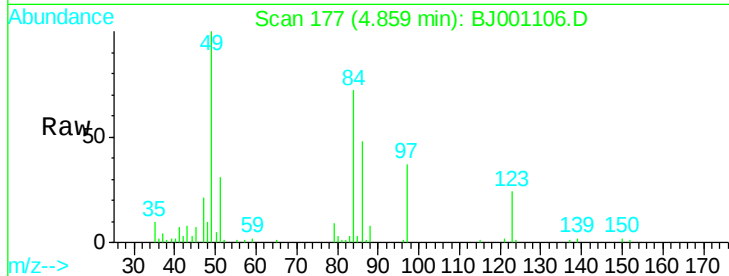
LabSampleId :

CWA-3

Tgt Ion:	97	Resp:	124102
Ion Ratio	Lower	Upper	
97	100		
123	63.2	47.2	87.2
43	21.8	0.0	36.5
41	18.5	0.0	28.5

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#5

1,4-Oxathiane

Concen: 1.15 ug/mL

RT: 3.56 min Scan# 86

Delta R.T. -0.01 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

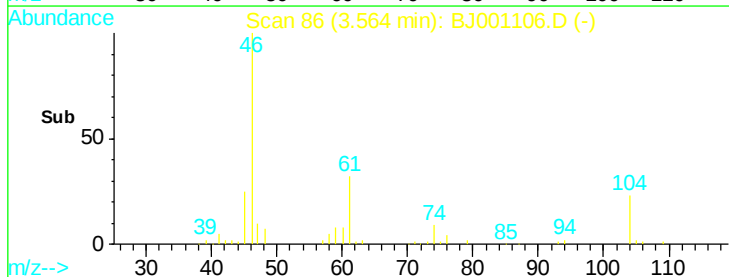
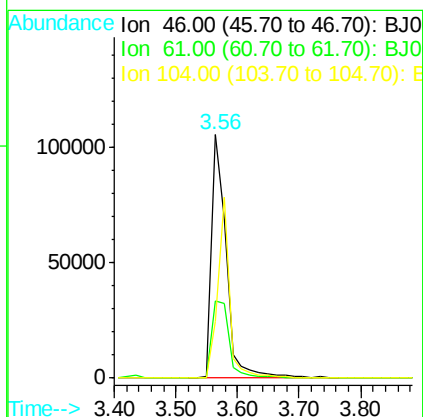
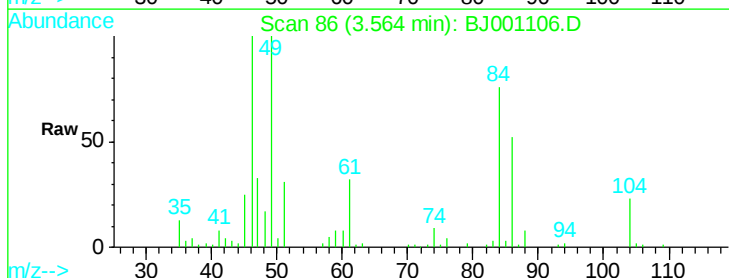
Tgt Ion: 46 Resp: 172992

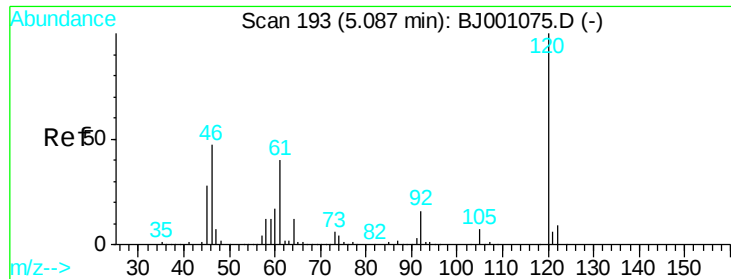
Ion Ratio Lower Upper

46 100

61 31.9 17.1 57.1

104 23.4 29.3 69.3#





#7

1,4-Dithiane

Concen: 1.21 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.00 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

Instrument :

BNA_J

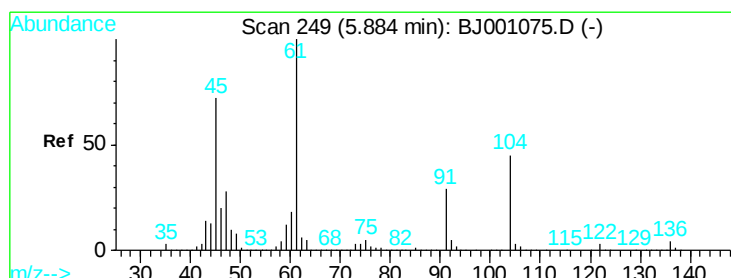
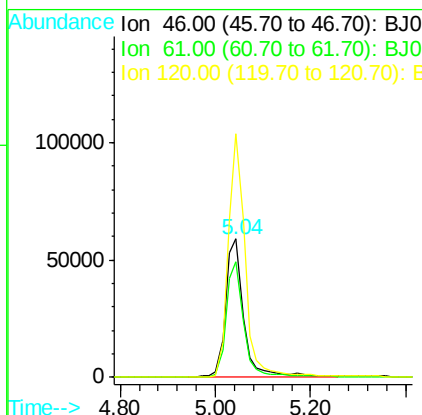
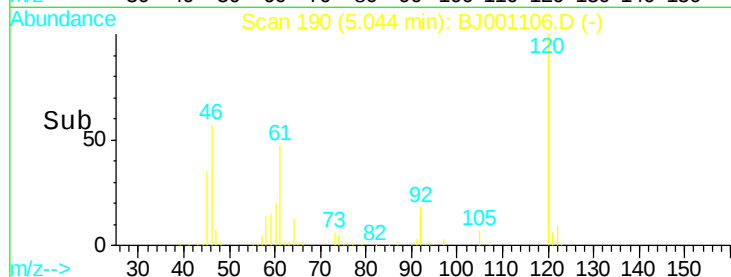
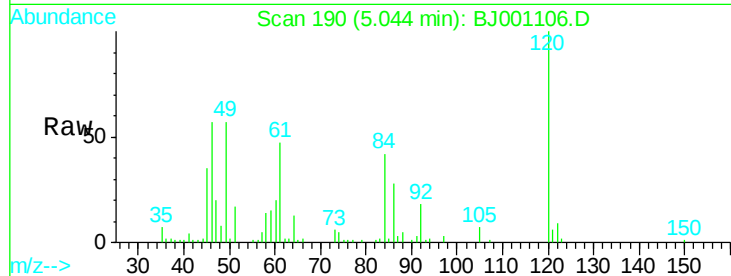
LabSampleId :

CWA-3

Tgt Ion: 46 Resp: 158557
 Ion Ratio Lower Upper
 46 100
 61 83.3 60.0 100.0
 120 175.9 138.1 178.1

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#8

Thiodiglycol

Concen: 4.58 ug/mL

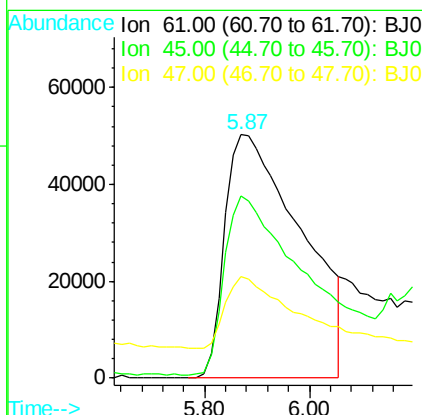
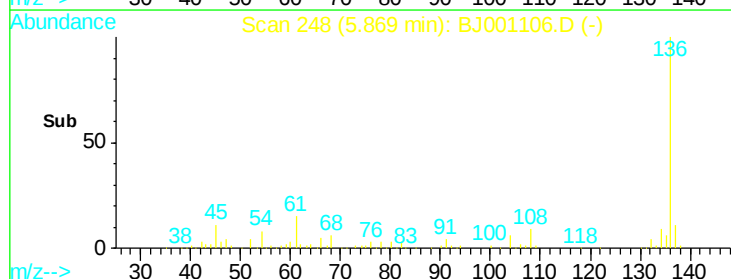
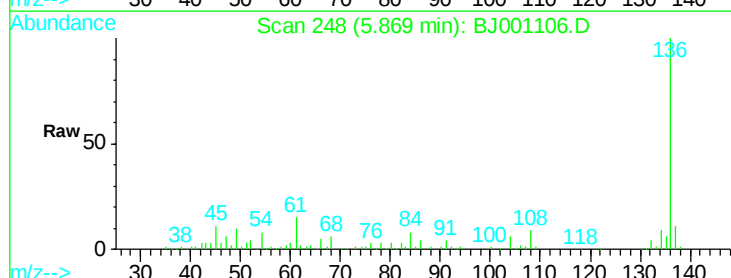
RT: 5.87 min Scan# 248

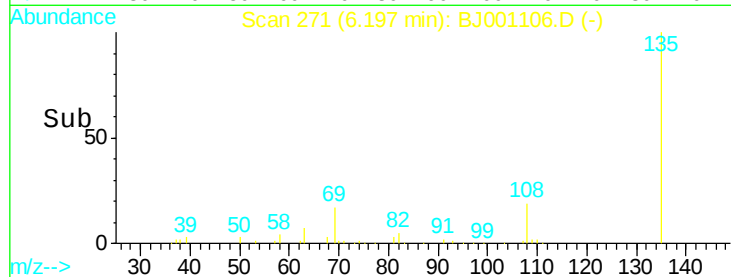
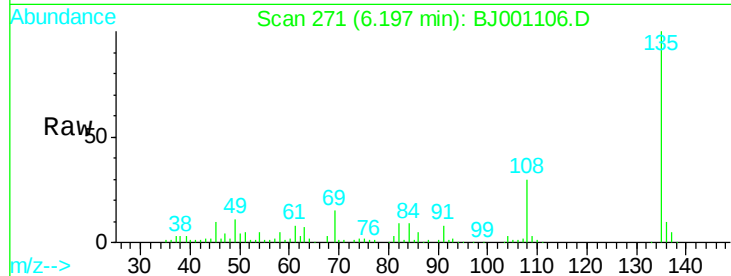
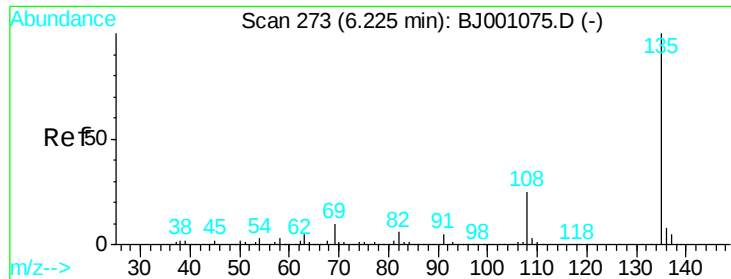
Delta R.T. 0.03 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

Tgt Ion: 61 Resp: 509181
 Ion Ratio Lower Upper
 61 100
 45 74.7 54.0 94.0
 47 41.9 9.6 49.6





#9

Benzothiazole

Concen: 2.35 ug/mL

RT: 6.20 min Scan# 271

Delta R.T. 0.00 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

Tgt Ion:	135	Resp:	844076
Ion Ratio	Lower	Upper	
135	100		
108	30.3	5.8	45.8
69	15.2	0.0	30.2

Instrument :

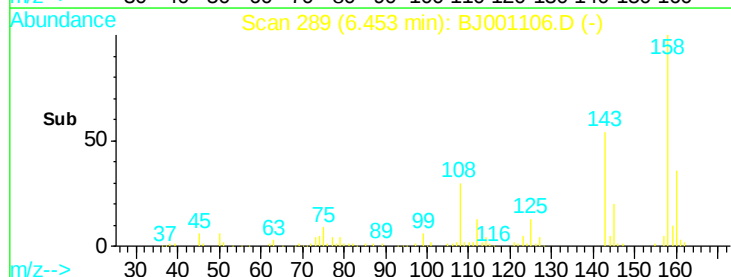
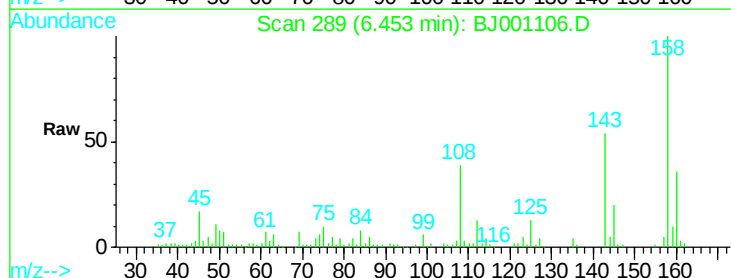
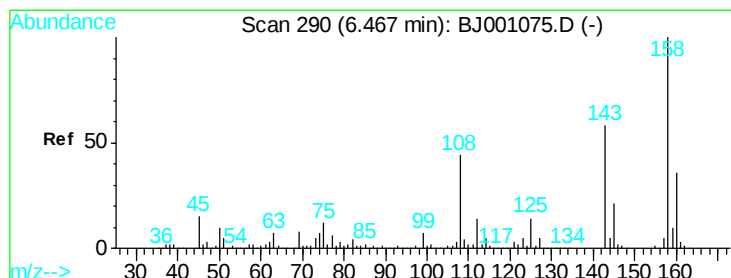
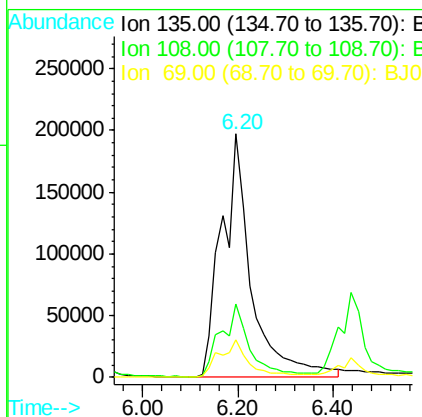
BNA_J

LabSampleId :

CWA-3

Manual Integrations
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#11

p-Chlorophenylmethylsulfide

Concen: 2.51 ug/mL

RT: 6.45 min Scan# 289

Delta R.T. 0.02 min

Lab File: BJ001106.D

Acq: 11 Sep 2012 14:09

Tgt Ion:158 Resp: 550652

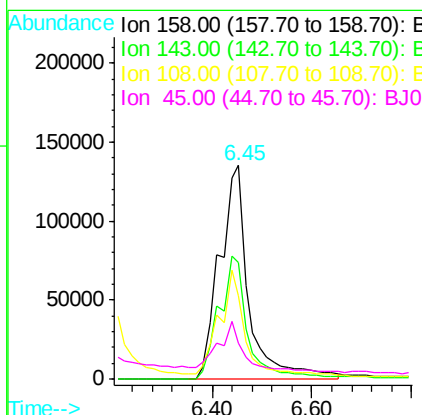
Ion Ratio Lower Upper

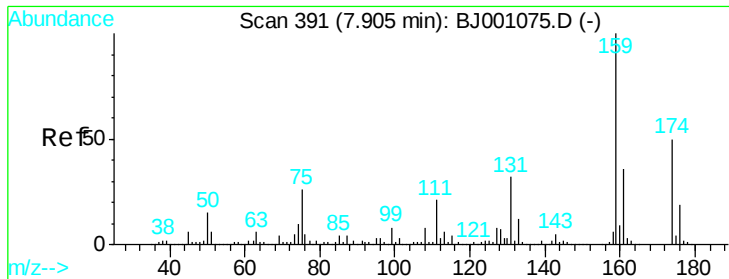
158 100

143 54.4 39.2 79.2

108 39.3 24.9 64.9

45 16.5 0.0 36.2





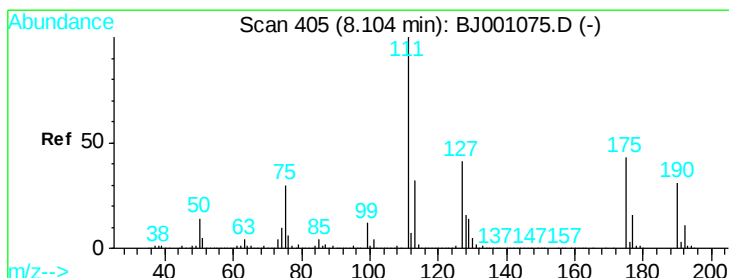
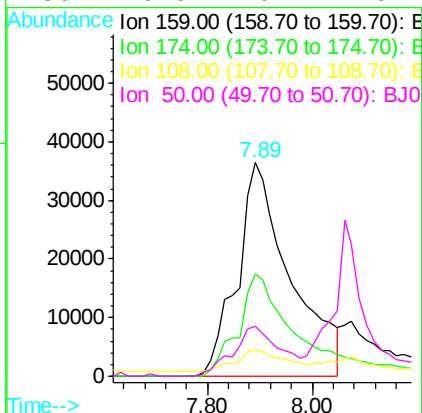
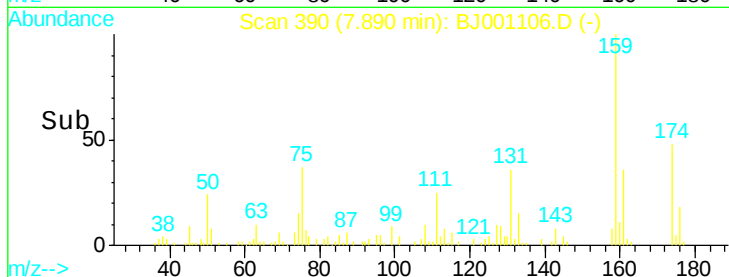
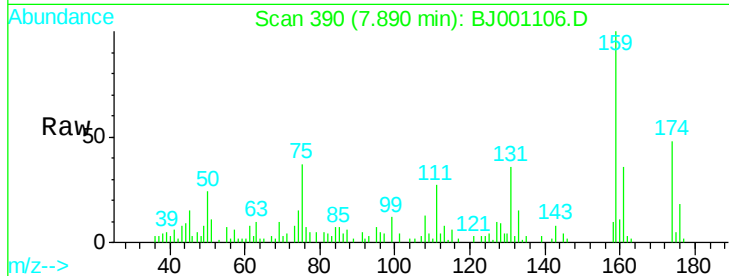
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.06 ug/mL
RT: 7.89 min Scan# 390
Delta R.T. 0.03 min
Lab File: BJ001106.D
Acq: 11 Sep 2012 14:09

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion:	159	Resp:	256896
Ion Ratio	Lower	Upper	
159	100		
174	48.5	27.2	67.2
108	9.6	0.0	29.4
50	20.9	0.7	40.7

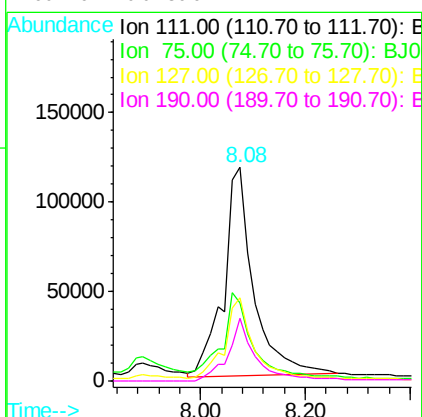
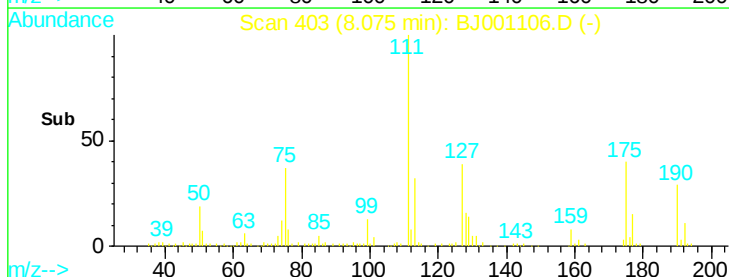
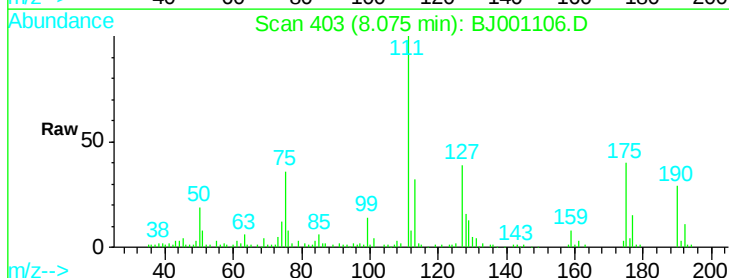
Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 2.09 ug/mL
RT: 8.08 min Scan# 403
Delta R.T. 0.02 min
Lab File: BJ001106.D
Acq: 11 Sep 2012 14:09

Tgt Ion:	111	Resp:	457295
Ion Ratio	Lower	Upper	
111	100		
75	36.4	21.3	61.3
127	38.8	16.0	56.0
190	29.1	0.0	36.9



Data File : H:\VOL1\GCMSDATA\J\120911\BJ001106.D
 Acq On : 11 Sep 2012 14:09
 Sample : CWA-3
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:32 2012

Vial: 5
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Quant Results File: BJ091112.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Sep 11 15:29:36 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	4.60	152	322398	2.00	ug/mL	0.00
6) Naphthalene-d8	5.87	136	1392134	2.00	ug/mL	-0.02

System Monitoring Compounds

10) Tripropylphosphate	6.95	99	276972	0.54	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
12) 2-Bromothioanisole	7.19	204	267763	2.46	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.20%#

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.47	94	206079	1.71	ug/mL	83
3) DMMP	3.48	79	40773	0.28	ug/mL	99
4) DIMP	4.86	97	124102	0.43	ug/mL	92
5) 1,4-Oxathiane	3.56	46	172992	1.15	ug/mL#	75
7) 1,4-Dithiane	5.04	46	158557	1.21	ug/mL	90
8) Thiodiglycol	5.87	61	509181	4.58	ug/mL	93
9) Benzothiazole	6.20	135	844076	2.35	ug/mL	90
11) p-Chlorophenylmethyldisulfide	6.45	158	550652	2.51	ug/mL	94
13) p-Chlorophenylmethyldisulfox	7.89	159	256896	2.06	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.08	111	457295	2.09	ug/mL	90