

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001103.D
Acq On : 11 Sep 2012 13:16
Sample : CWA-6
Misc : CWA STD BNA J HLM
MS Integration Params: rteint.p
Quant Time: Sep 11 15:32 2012

Vial: 2
Operator: HLM
Inst : BNA J
Multiplr: 1.00

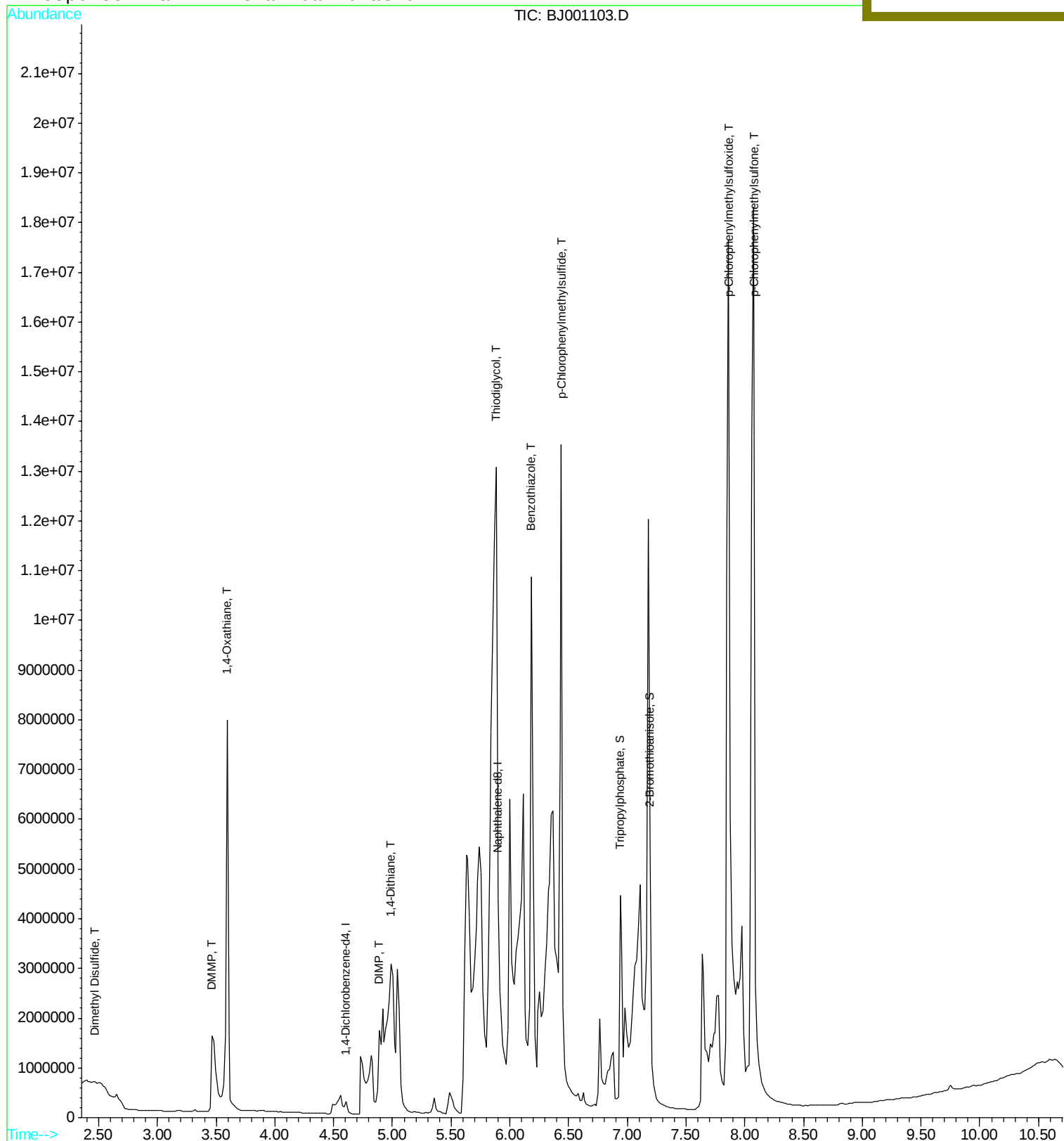
Instrument :
BNA_J
LabSampleId :
CWA-6
KLS

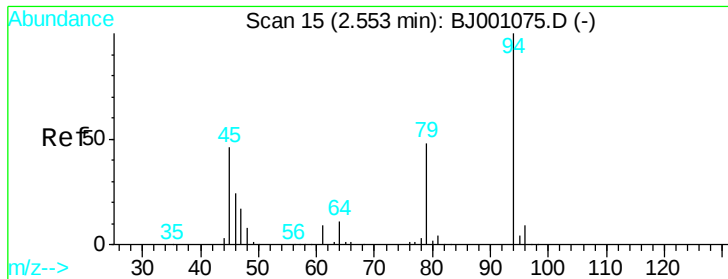
Quant Results File: BJ091112.M

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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#2

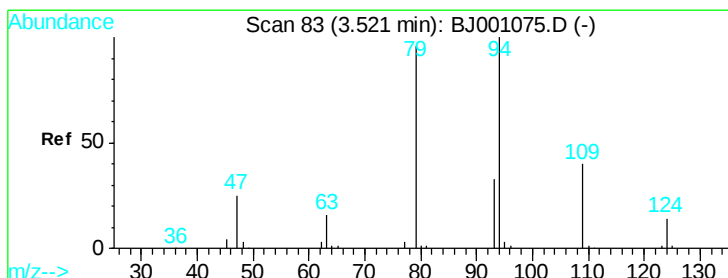
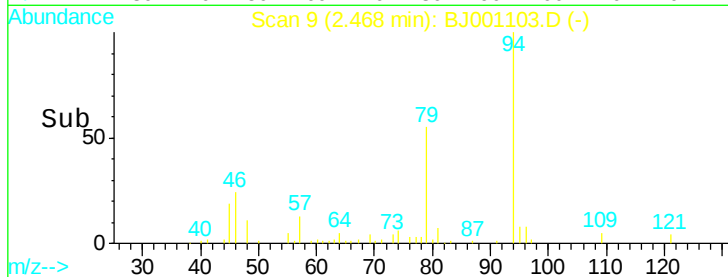
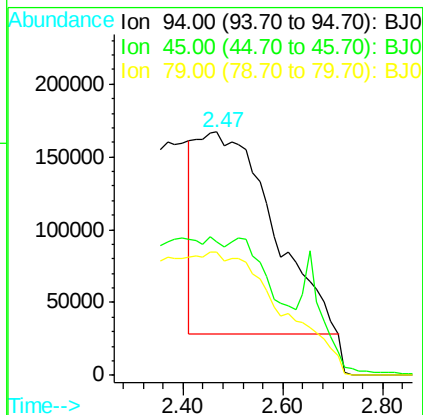
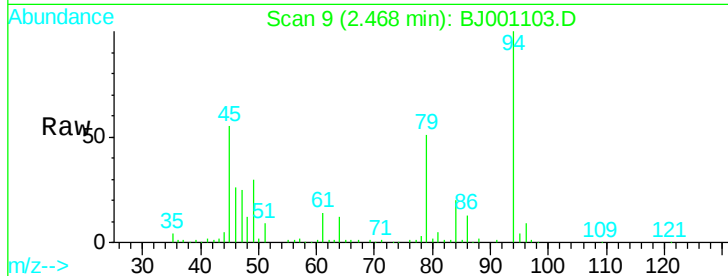
Dimethyl Disulfide
 Concen: 57.84 ug/mL
 RT: 2.47 min Scan# 9
 Delta R.T. 0.01 min
 Lab File: BJ001103.D
 Acq: 11 Sep 2012 13:16

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

Tgt Ion: 94 Resp: 1473799
 Ion Ratio Lower Upper
 94 100
 45 54.7 12.7 52.7#
 79 50.9 22.9 62.9

Manual Integrations
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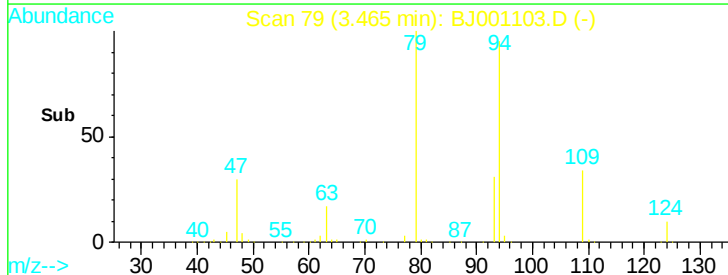
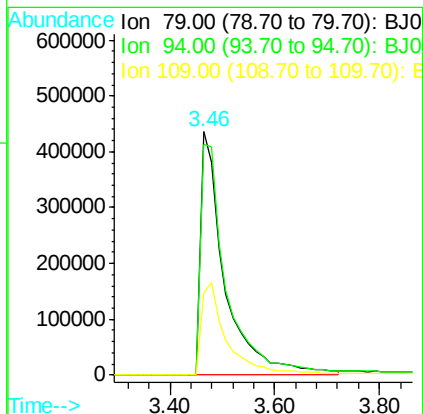
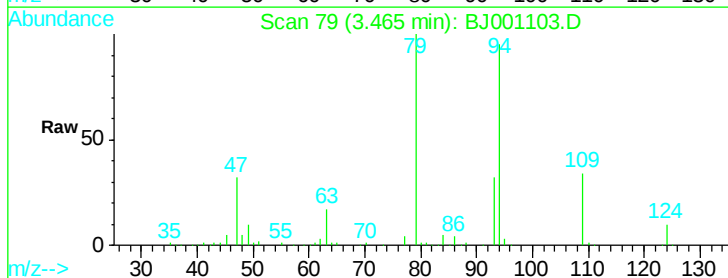
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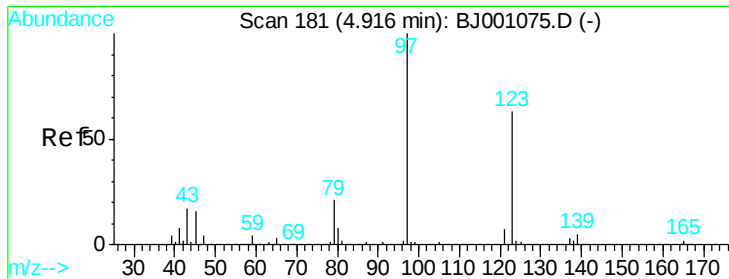


#3

DMMP
 Concen: 45.38 ug/mL
 RT: 3.46 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BJ001103.D
 Acq: 11 Sep 2012 13:16

Tgt Ion: 79 Resp: 1392082
 Ion Ratio Lower Upper
 79 100
 94 95.0 80.9 120.9
 109 33.8 20.3 60.3





#4

DIMP

Concen: 19.46 ug/mL

RT: 4.89 min Scan# 179

Delta R.T. 0.01 min

Lab File: BJ001103.D

Acq: 11 Sep 2012 13:16

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 97 Resp: 1238815

Ion Ratio Lower Upper

97 100

123 66.7 47.2 87.2

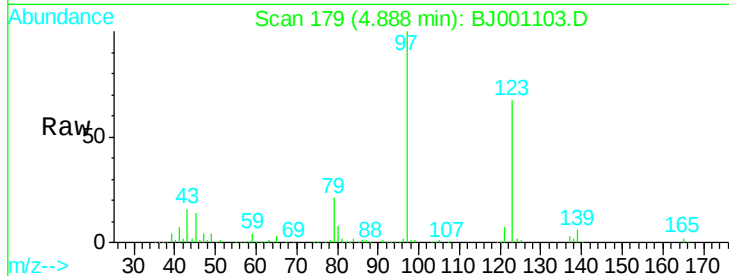
43 15.9 0.0 36.5

41 7.3 0.0 28.5

Manual Integrations
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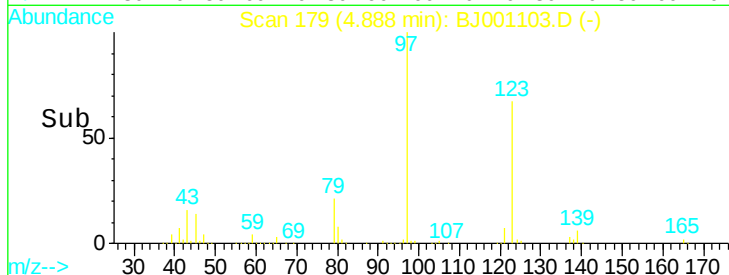
Abundance

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



Abundance

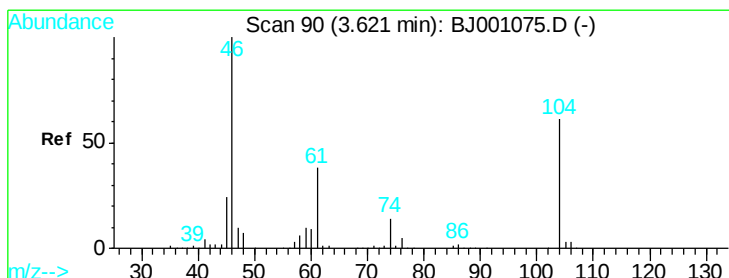
Ion 97.00 (96.70 to 97.70): BJ0

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

Time-->



#5

1,4-Oxathiane

Concen: 98.54 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. 0.02 min

Lab File: BJ001103.D

Acq: 11 Sep 2012 13:16

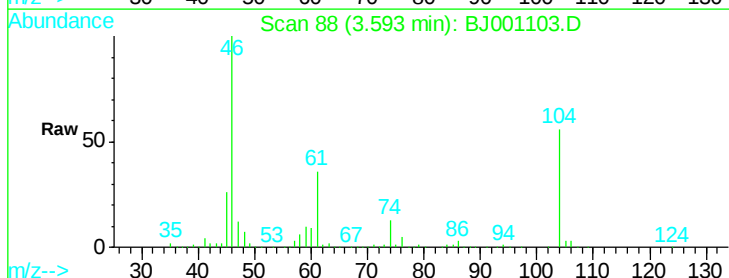
Tgt Ion: 46 Resp: 3122732

Ion Ratio Lower Upper

46 100

61 35.9 17.1 57.1

104 55.5 29.3 69.3

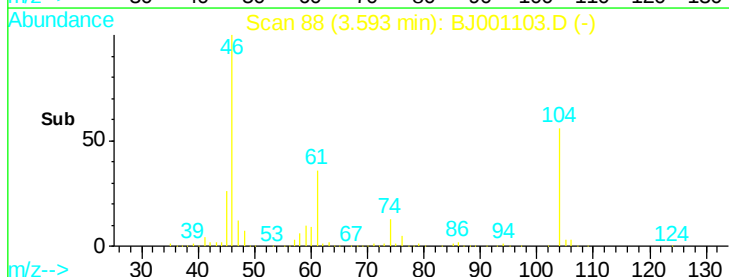


Abundance

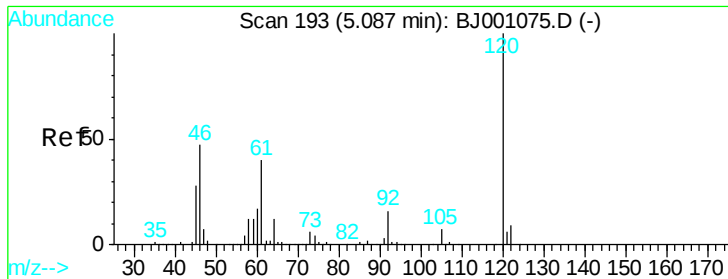
Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



Time-->



#7

1,4-Dithiane

Concen: 65.69 ug/mL

RT: 4.99 min Scan# 186

Delta R.T. -0.05 min

Lab File: BJ001103.D

Acq: 11 Sep 2012 13:16

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 46 Resp: 2120691

Ion Ratio Lower Upper

46 100

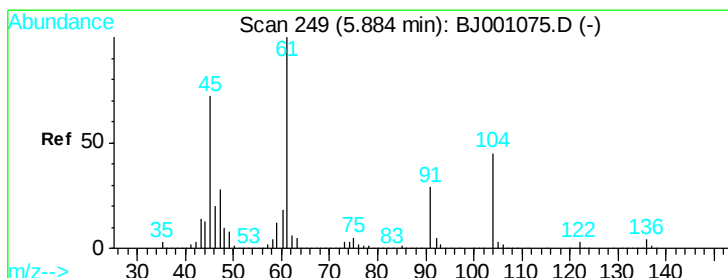
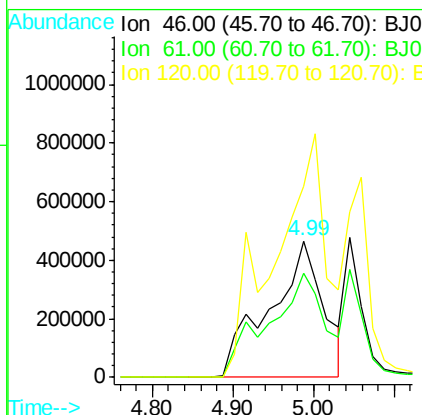
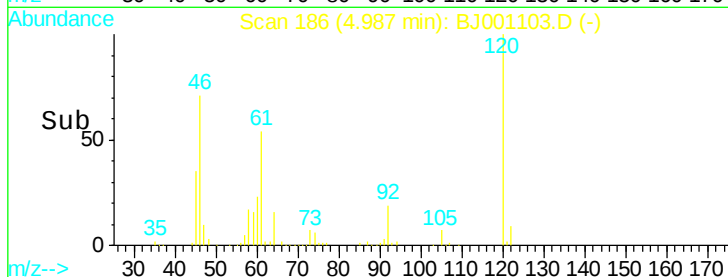
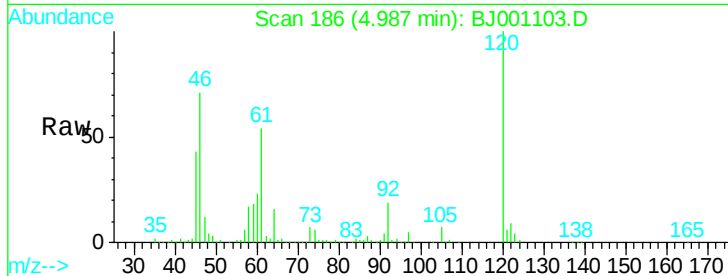
61 76.2 60.0 100.0

120 140.6 138.1 178.1

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#8

Thiodiglycol

Concen: 419.51 ug/mL

RT: 5.88 min Scan# 249

Delta R.T. 0.05 min

Lab File: BJ001103.D

Acq: 11 Sep 2012 13:16

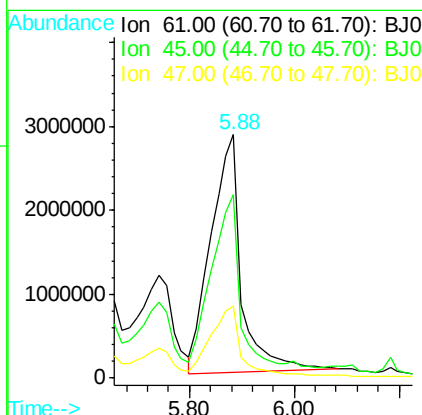
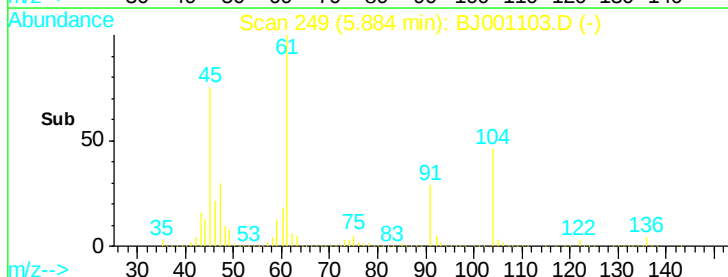
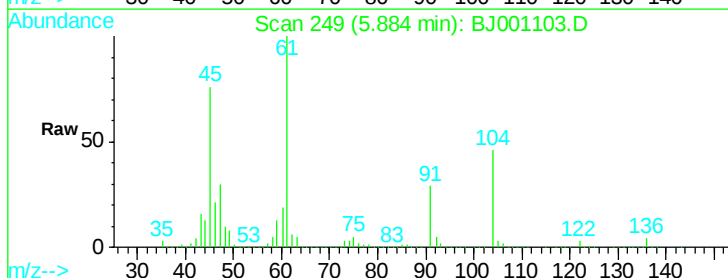
Tgt Ion: 61 Resp: 11507329

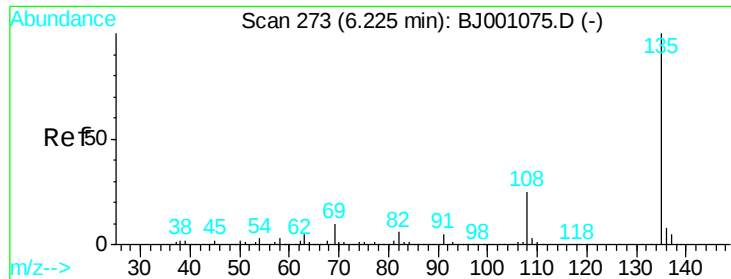
Ion Ratio Lower Upper

61 100

45 75.6 54.0 94.0

47 29.7 9.6 49.6





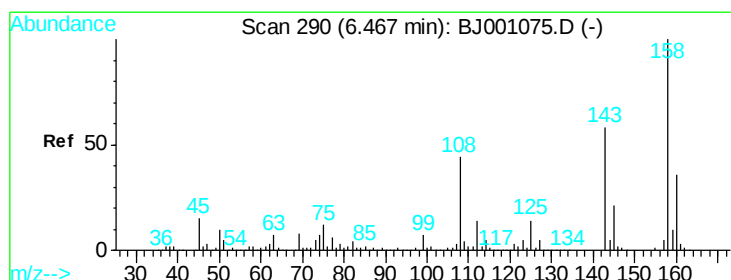
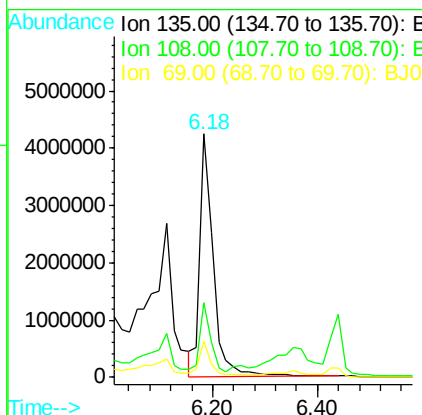
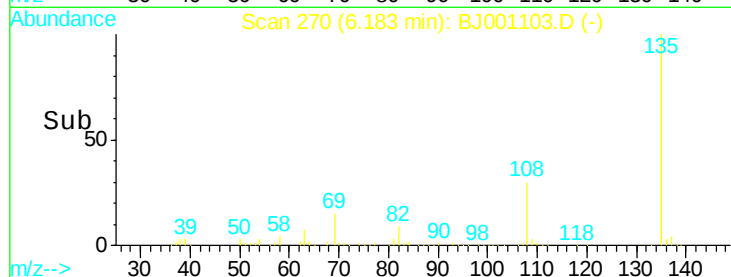
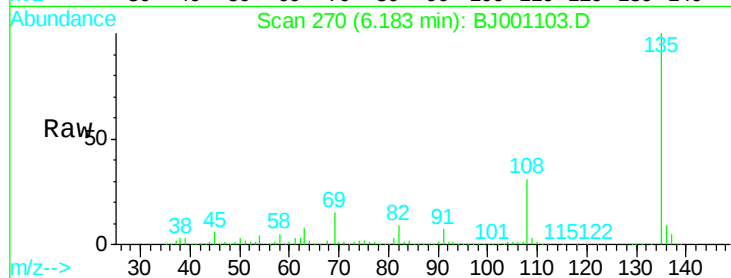
#9
Benzothiazole
Concen: 84.39 ug/mL
RT: 6.18 min Scan# 270
Delta R.T. -0.01 min
Lab File: BJ001103.D
Acq: 11 Sep 2012 13:16

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:135 Resp: 7474783
Ion Ratio Lower Upper
135 100
108 30.7 5.8 45.8
69 15.1 0.0 30.2

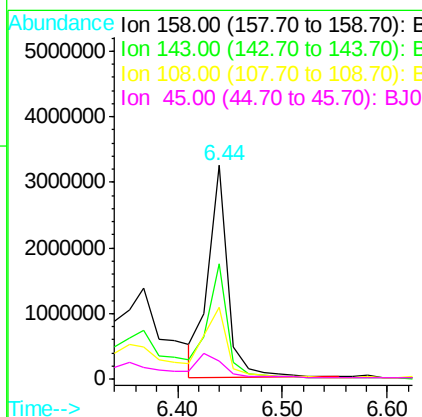
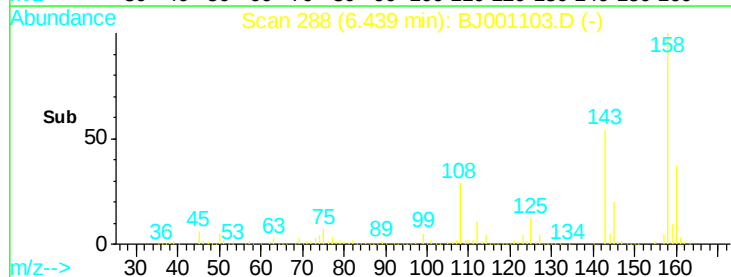
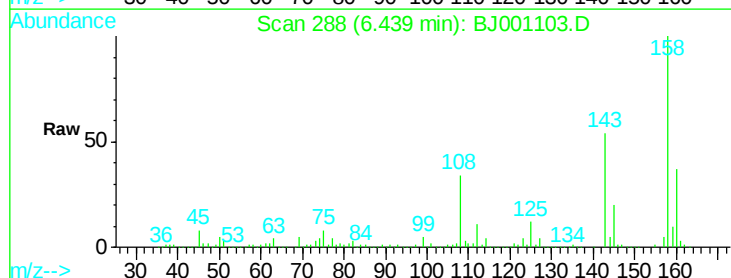
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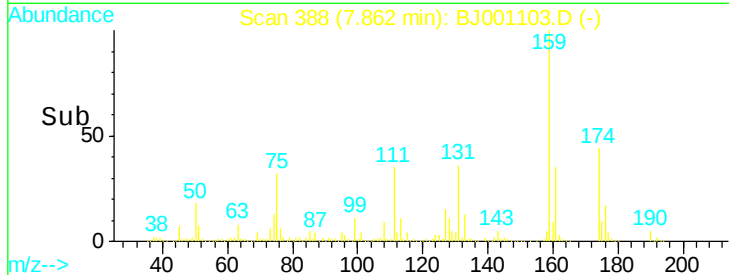
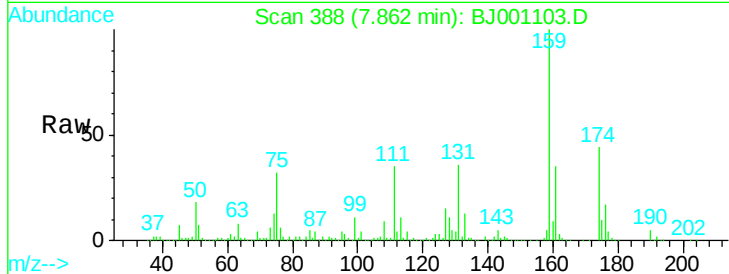
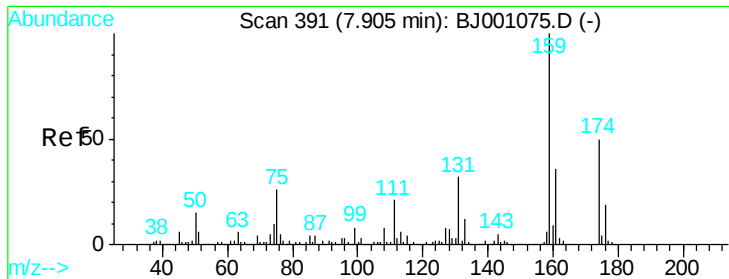
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#11
p-Chlorophenylmethylsulfide
Concen: 78.37 ug/mL
RT: 6.44 min Scan# 288
Delta R.T. 0.01 min
Lab File: BJ001103.D
Acq: 11 Sep 2012 13:16

Tgt Ion:158 Resp: 4254485
Ion Ratio Lower Upper
158 100
143 54.2 39.2 79.2
108 33.8 24.9 64.9
45 8.5 0.0 36.2





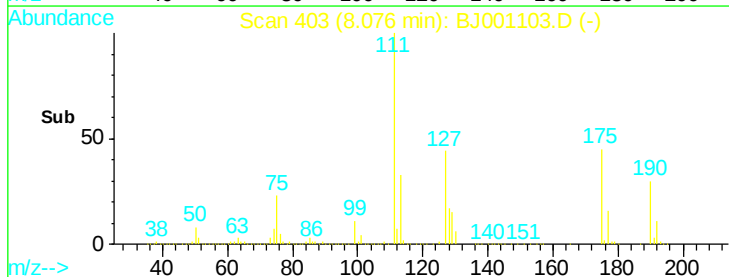
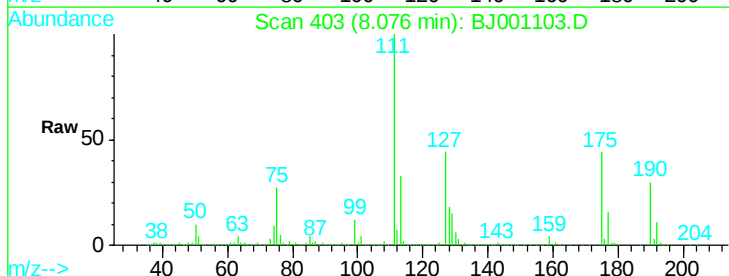
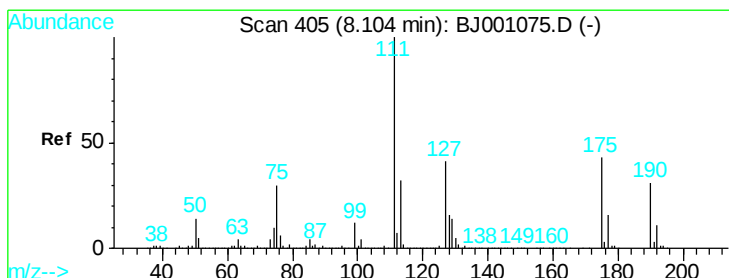
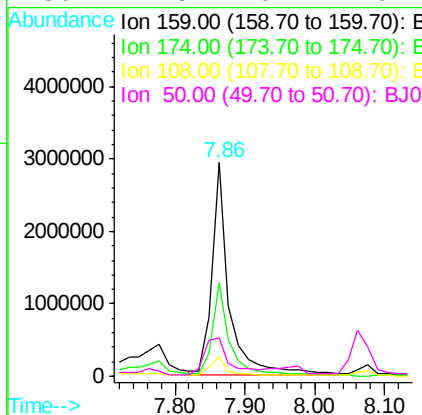
#13
p-Chlorophenylmethylsulfoxide
Concen: 97.01 ug/mL
RT: 7.86 min Scan# 388
Delta R.T. 0.01 min
Lab File: BJ001103.D
Acq: 11 Sep 2012 13:16

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:159 Resp: 5047713
Ion Ratio Lower Upper
159 100
174 48.0 27.2 67.2
108 9.9 0.0 29.4
50 24.5 0.7 40.7

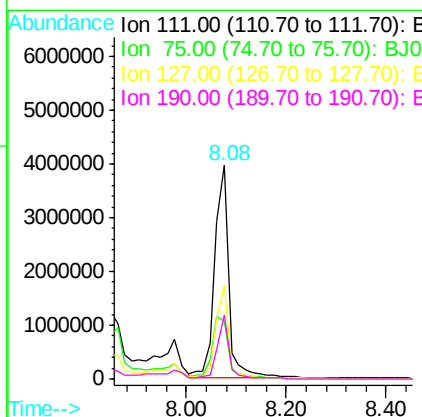
Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 141.51 ug/mL
RT: 8.08 min Scan# 403
Delta R.T. 0.02 min
Lab File: BJ001103.D
Acq: 11 Sep 2012 13:16

Tgt Ion:111 Resp: 7663171
Ion Ratio Lower Upper
111 100
75 26.7 21.3 61.3
127 43.9 16.0 56.0
190 29.7 0.0 36.9



Data File : H:\VOL1\GCMSDATA\J\120911\BJ001103.D
 Acq On : 11 Sep 2012 13:16
 Sample : CWA-6
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:32 2012

Vial: 2
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

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	68098	2.00	ug/mL	0.00
6) Naphthalene-d8	5.90	136	343837	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.94	99	3675341	29.21	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 5842.00%#	
12) 2-Bromothioanisole	7.19	204	2474558	92.08	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 1841.60%#	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.47	94	1473799	57.84	ug/mL# 76
3) DMMP	3.46	79	1392082	45.38	ug/mL 93
4) DIMP	4.89	97	1238815	19.46	ug/mL 99
5) 1,4-Oxathiane	3.59	46	3122732	98.54	ug/mL 94
7) 1,4-Dithiane	4.99	46	2120691	65.69	ug/mL 90
8) Thiodiglycol	5.88	61	11507329	419.51	ug/mL 99
9) Benzothiazole	6.18	135	7474783	84.39	ug/mL 89
11) p-Chlorophenylmethyldisulfide	6.44	158	4254485	78.37	ug/mL 88
13) p-Chlorophenylmethyldisulfox	7.86	159	5047713	97.01	ug/mL 97
14) p-Chlorophenylmethyldisulfon	8.08	111	7663171	141.51	ug/mL 79

(#) = qualifier out of range (m) = manual integration