

Quantitation Report

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001105.D
 Acq On : 11 Sep 2012 13:51
 Sample : CWA-4
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:32 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

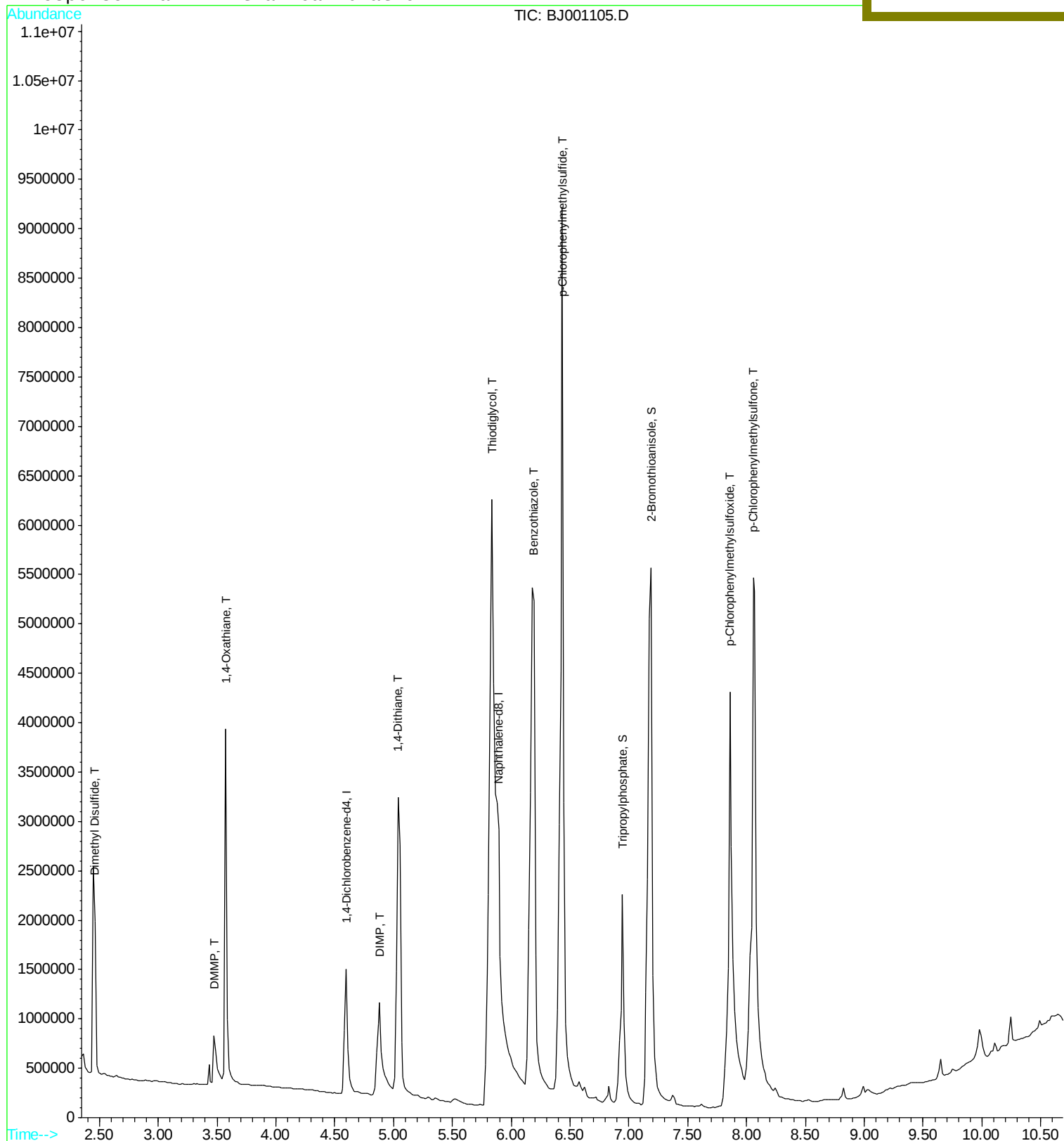
Instrument :
 BNA_J
 LabSampleId :
 CWA-4

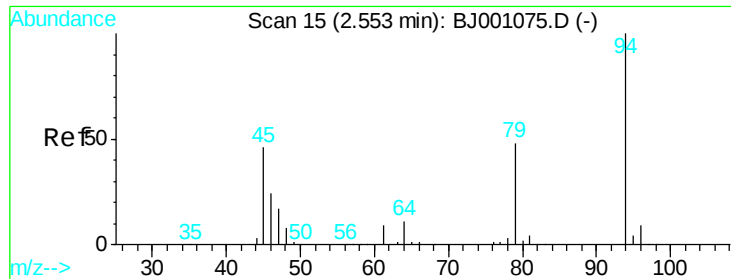
Quant Results File: BJ091112.M

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 5:29:20 AM





#2

Dimethyl Disulfide

Concen: 6.22 ug/mL

RT: 2.46 min Scan# 9

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 94 Resp: 1042467

Ion Ratio Lower Upper

94 100

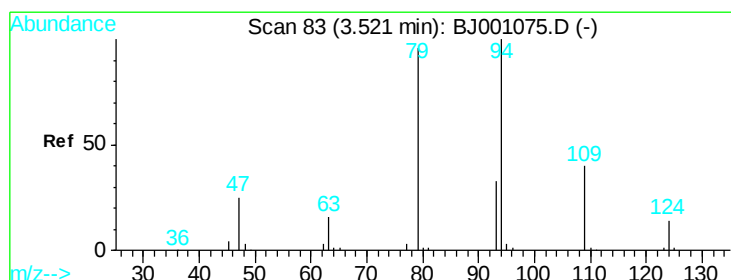
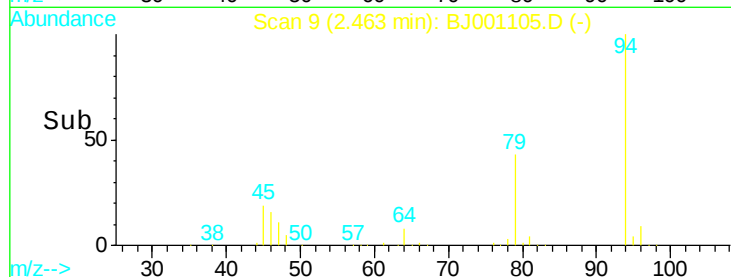
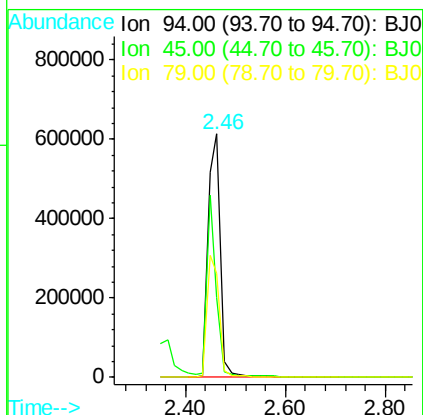
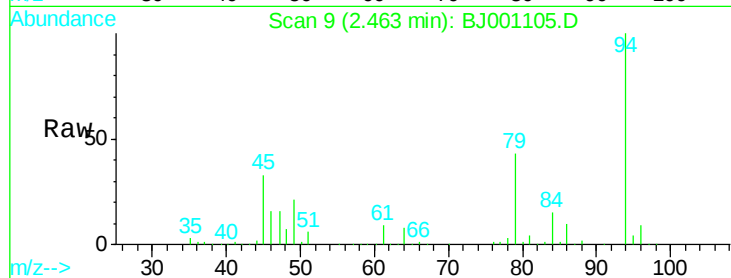
45 32.7 12.7 52.7

79 42.9 22.9 62.9

Manual Integrations
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#3

DMMP

Concen: 1.74 ug/mL

RT: 3.47 min Scan# 80

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

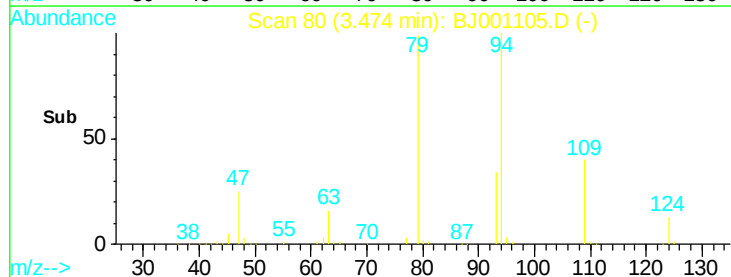
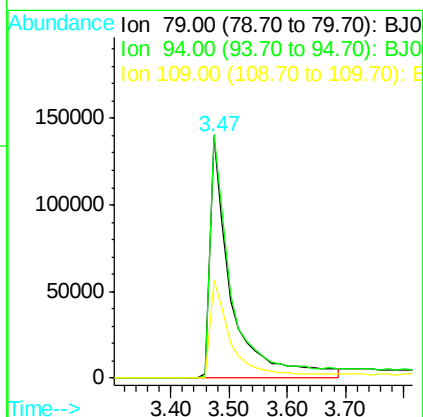
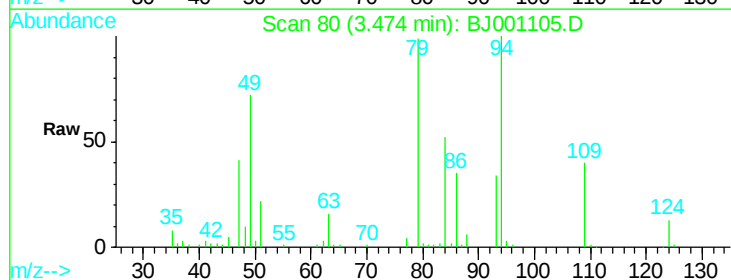
Tgt Ion: 79 Resp: 350975

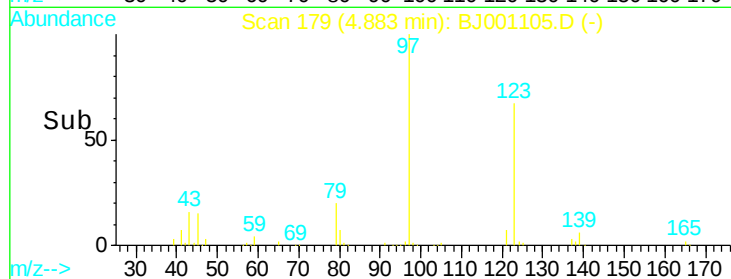
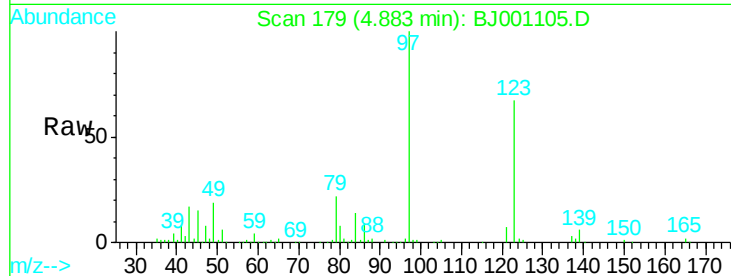
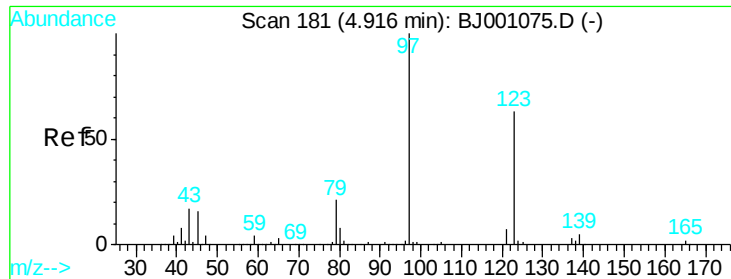
Ion Ratio Lower Upper

79 100

94 100.9 80.9 120.9

109 40.3 20.3 60.3





#4

DIMP

Concen: 2.70 ug/mL

RT: 4.88 min Scan# 179

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Tgt Ion: 97 Resp: 1123128

Ion Ratio Lower Upper

97 100

123 67.2 47.2 87.2

43 16.5 0.0 36.5

41 8.5 0.0 28.5

Instrument :

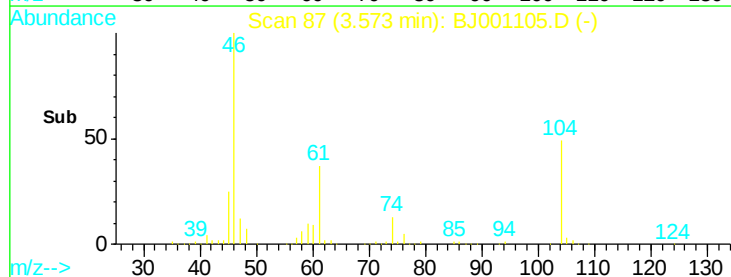
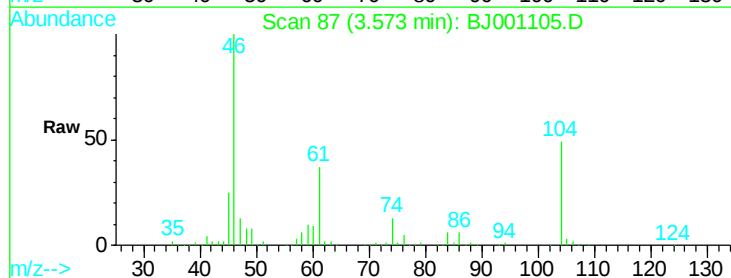
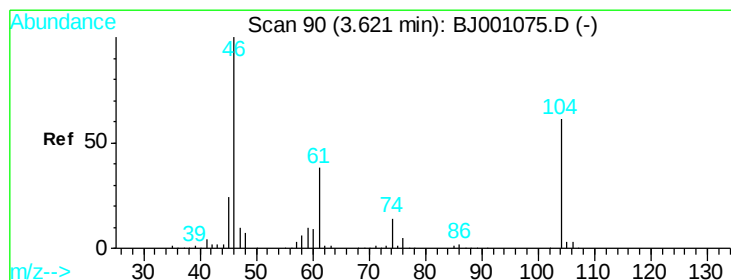
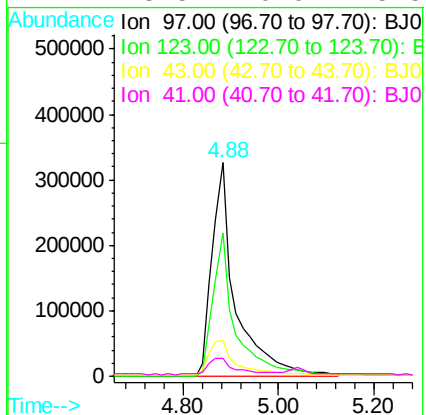
BNA_J

LabSampleId :

CWA-4

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#5

1,4-Oxathiane

Concen: 6.15 ug/mL

RT: 3.57 min Scan# 87

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

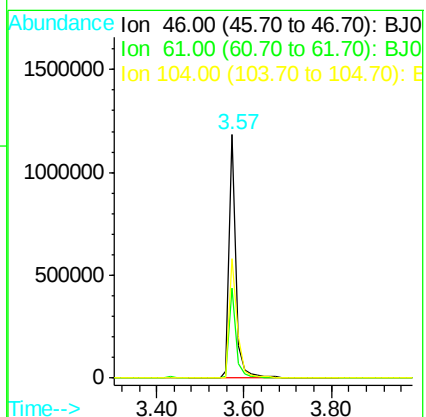
Tgt Ion: 46 Resp: 1281762

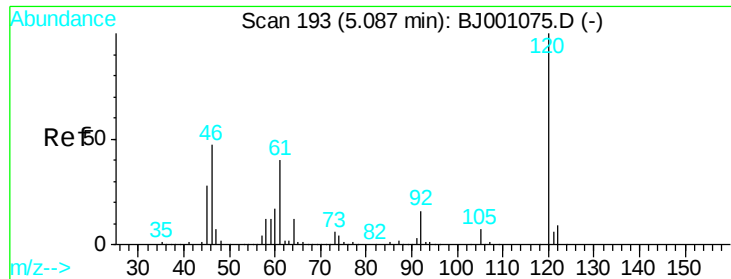
Ion Ratio Lower Upper

46 100

61 37.1 17.1 57.1

104 49.3 29.3 69.3





#7

1,4-Dithiane

Concen: 5.37 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 46 Resp: 1007562

Ion Ratio Lower Upper

46 100

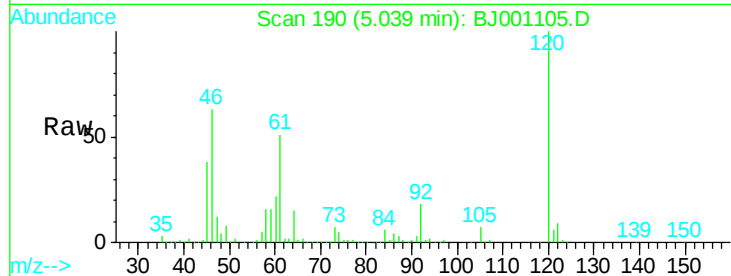
61 80.0 60.0 100.0

120 158.1 138.1 178.1

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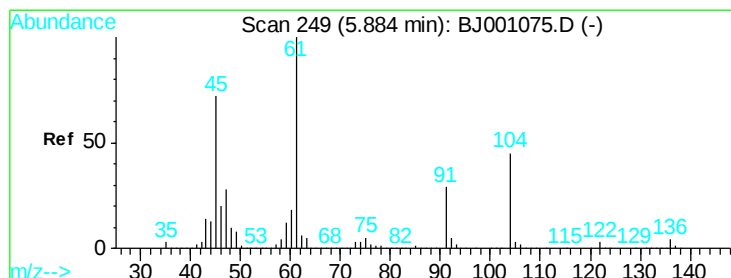
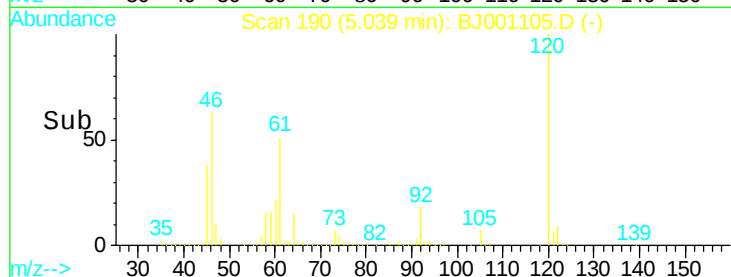
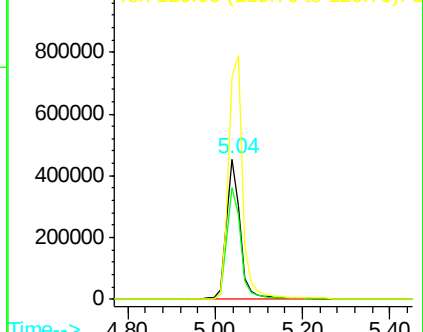


Abundance

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: 38.87 ug/mL

RT: 5.84 min Scan# 246

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

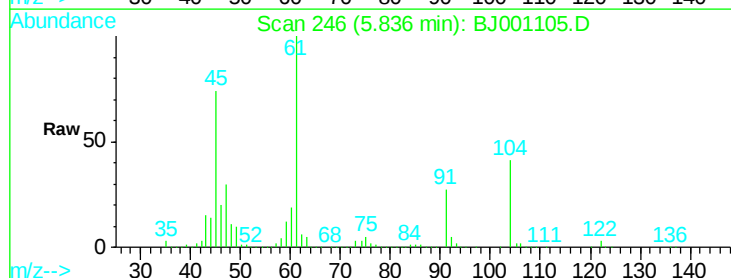
Tgt Ion: 61 Resp: 6193004

Ion Ratio Lower Upper

61 100

45 74.0 54.0 94.0

47 29.6 9.6 49.6

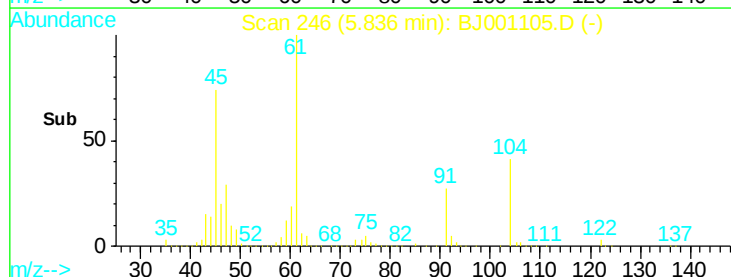
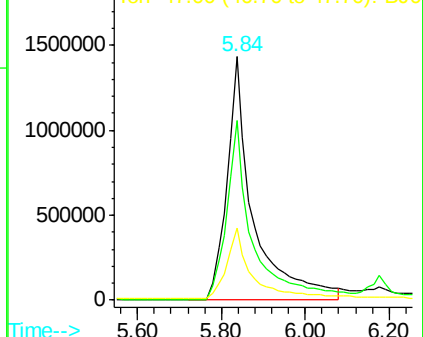


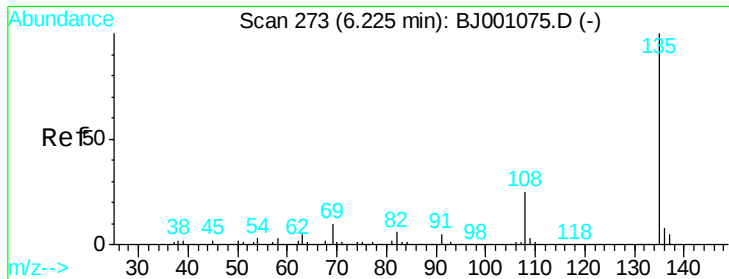
Abundance

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: 12.75 ug/mL

RT: 6.19 min Scan# 271

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion:135 Resp: 6557711

Ion Ratio Lower Upper

135 100

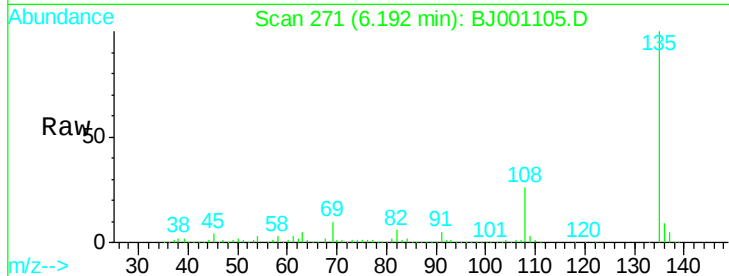
108 25.8 5.8 45.8

69 10.2 0.0 30.2

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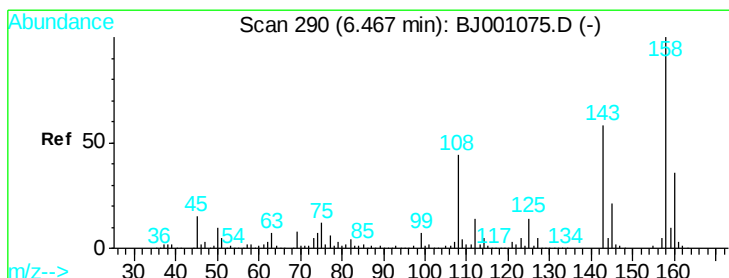
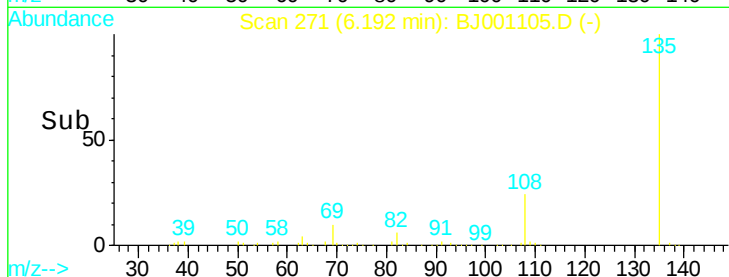
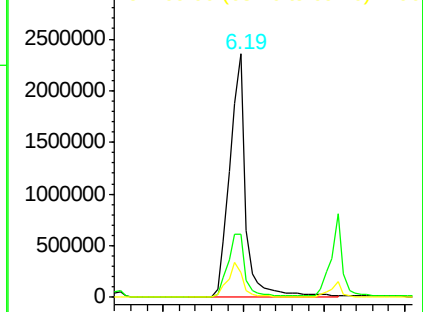


Abundance

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): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 11.99 ug/mL

RT: 6.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Tgt Ion:158 Resp: 3780123

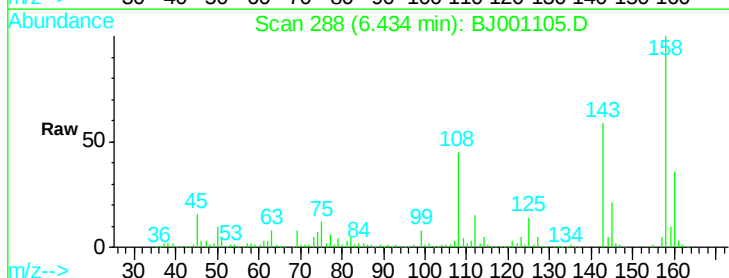
Ion Ratio Lower Upper

158 100

143 59.2 39.2 79.2

108 44.9 24.9 64.9

45 16.2 0.0 36.2



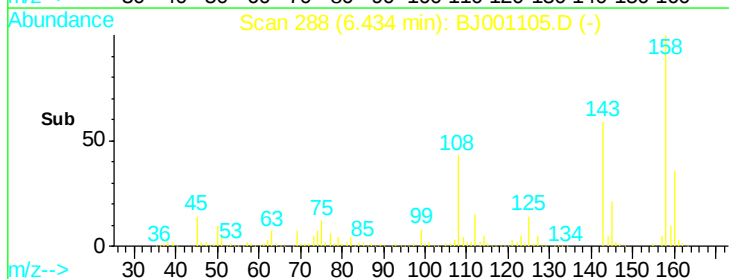
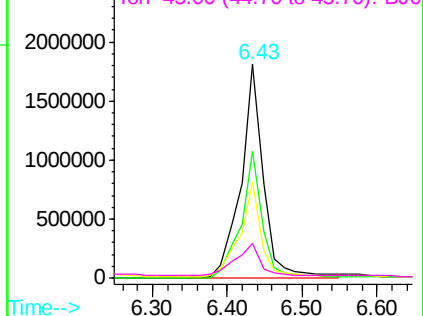
Abundance

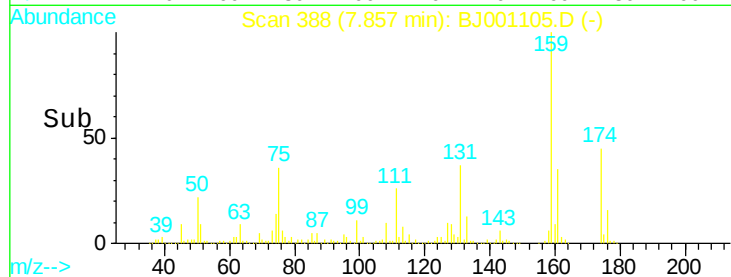
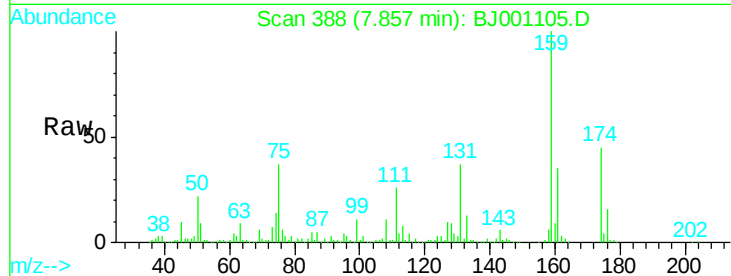
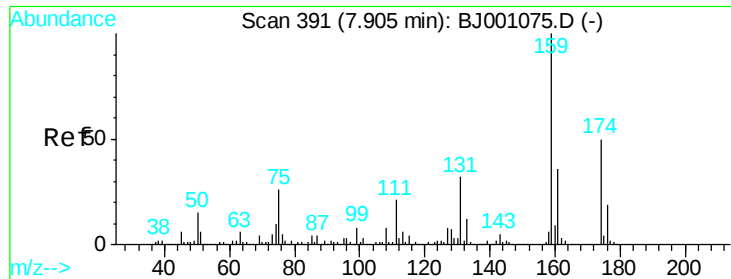
Ion 158.00 (157.70 to 158.70): E

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): BJ0





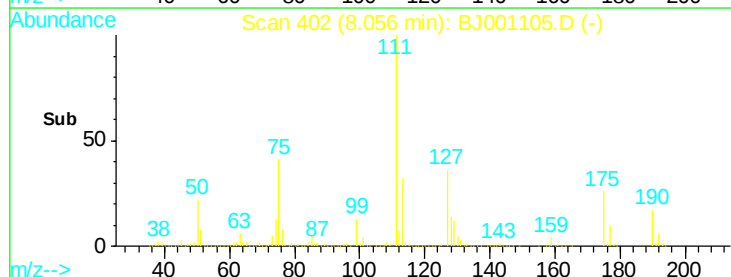
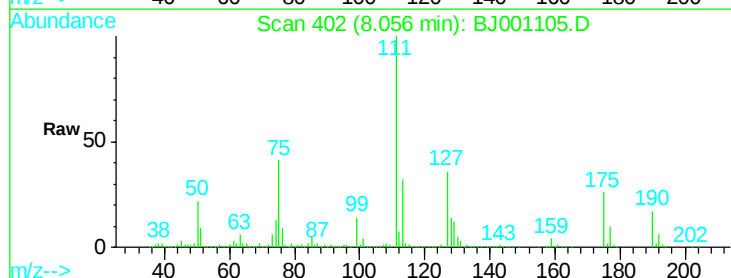
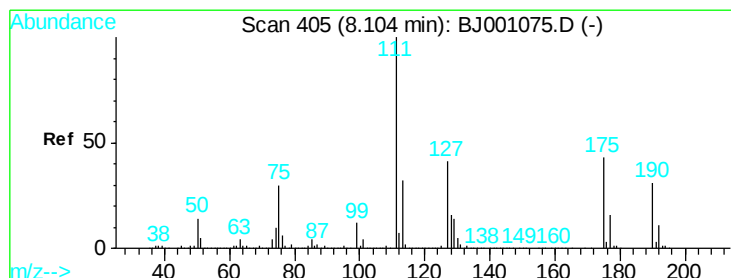
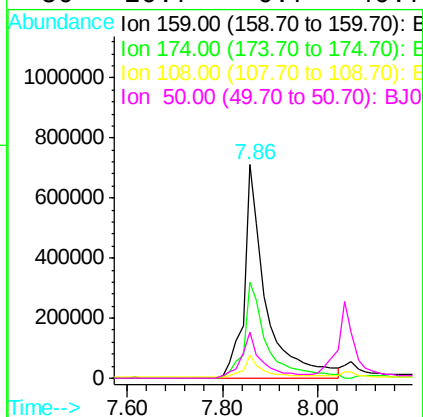
#13
p-Chlorophenylmethylsulfoxide
Concen: 11.62 ug/mL
RT: 7.86 min Scan# 388
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:159 Resp: 2240646
Ion Ratio Lower Upper
159 100
174 47.2 27.2 67.2
108 9.4 0.0 29.4
50 20.7 0.7 40.7

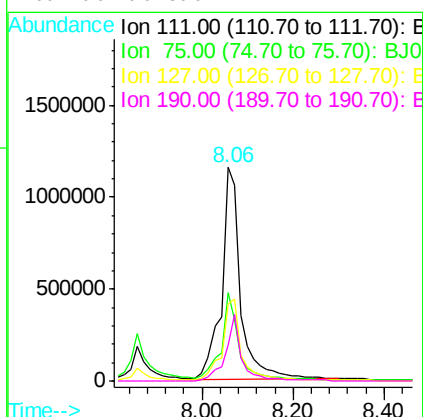
Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 10.64 ug/mL
RT: 8.06 min Scan# 402
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Tgt Ion:111 Resp: 3347894
Ion Ratio Lower Upper
111 100
75 41.3 21.3 61.3
127 36.0 16.0 56.0
190 16.9 0.0 36.9



Data File : H:\VOL1\GCMSDATA\J\120911\BJ001105.D
 Acq On : 11 Sep 2012 13:51
 Sample : CWA-4
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:32 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

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 15:29:36 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.60	152	447958	2.00	ug/mL	0.00
6) Naphthalene-d8	5.89	136	1997183	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.95	99	2075303	2.84	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	568.00%#
12) 2-Bromothioanisole	7.19	204	1838234	11.78	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	235.60%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.46	94	1042467	6.22	ug/mL 100
3) DMMP	3.47	79	350975	1.74	ug/mL 100
4) DIMP	4.88	97	1123128	2.70	ug/mL 100
5) 1,4-Oxathiane	3.57	46	1281762	6.15	ug/mL 100
7) 1,4-Dithiane	5.04	46	1007562	5.37	ug/mL 100
8) Thiodiglycol	5.84	61	6193004	38.87	ug/mL 100
9) Benzothiazole	6.19	135	6557711	12.75	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.43	158	3780123	11.99	ug/mL 100
13) p-Chlorophenylmethyldisulfox	7.86	159	2240646	11.62	ug/mL 100
14) p-Chlorophenylmethyldisulfon	8.06	111	3347894	10.64	ug/mL 100

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

BJ001105.D BJ091112.M

Tue Sep 11 15:30:04 2012

A