

Quantitation Report

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001104.D
Acq On : 11 Sep 2012 13:34
Sample : CWA-5
Misc : CWA STD BNA_J HLM
MS Integration Params: rteint.p
Quant Time: Sep 11 15:32 2012

Vial: 3
Operator: HLM
Inst : BNA_J
Multiplr: 1.00

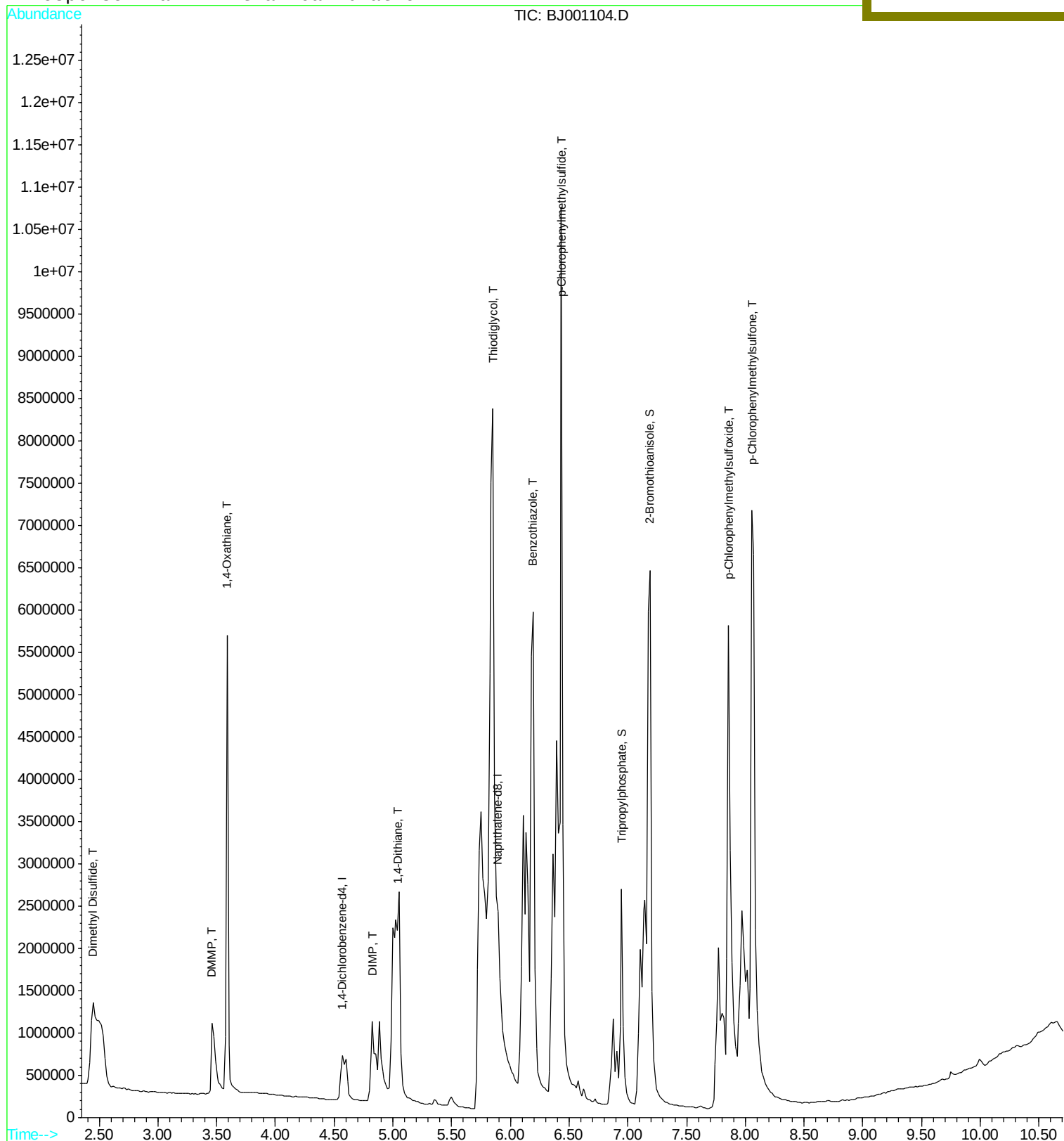
Instrument :
BNA_J
LabSampleId :
CWA-5
PKES

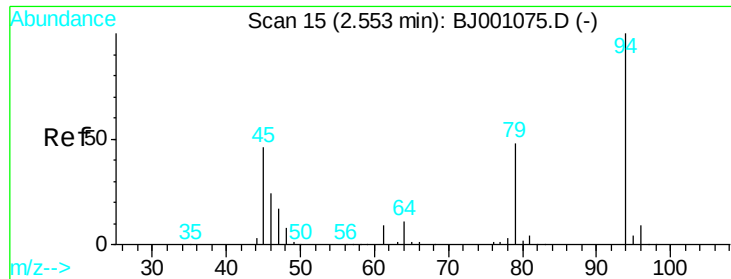
Quant Results File: BJ091112.M

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 5:29:19 AM





#2

Dimethyl Disulfide

Concen: 14.13 ug/mL

RT: 2.45 min Scan# 8

Delta R.T. -0.01 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 94 Resp: 1827120

Ion Ratio Lower Upper

94 100

45 92.3 12.7 52.7#

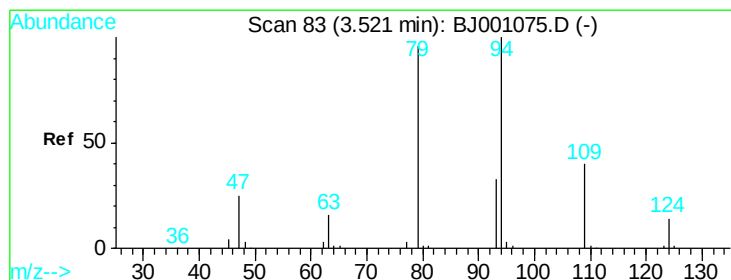
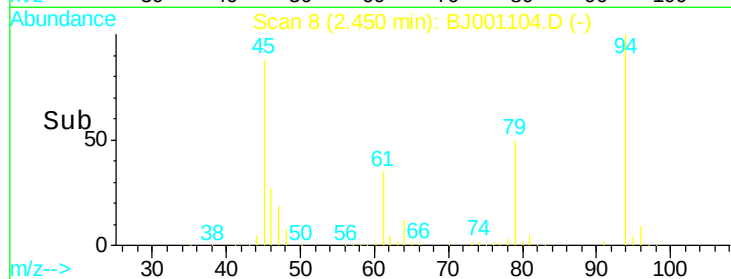
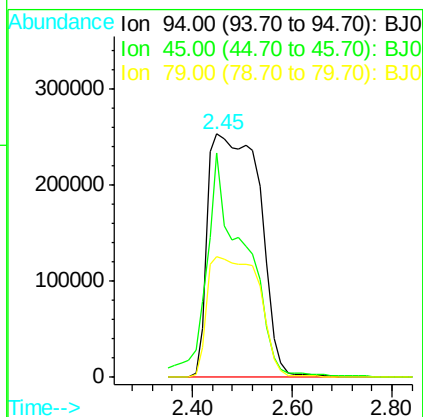
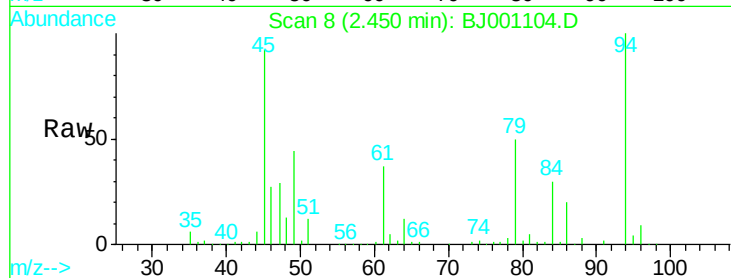
79 49.5 22.9 62.9

Manual Integrations

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#3

DMMP

Concen: 4.18 ug/mL

RT: 3.46 min Scan# 79

Delta R.T. -0.01 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

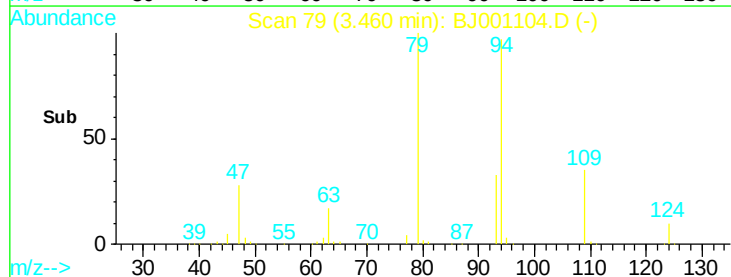
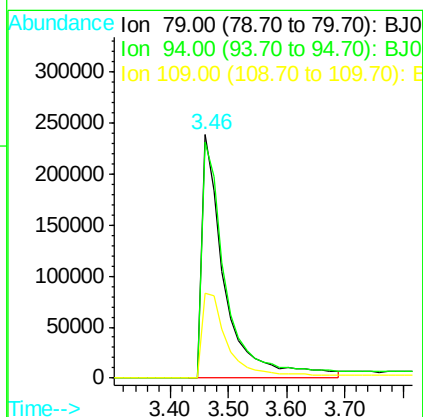
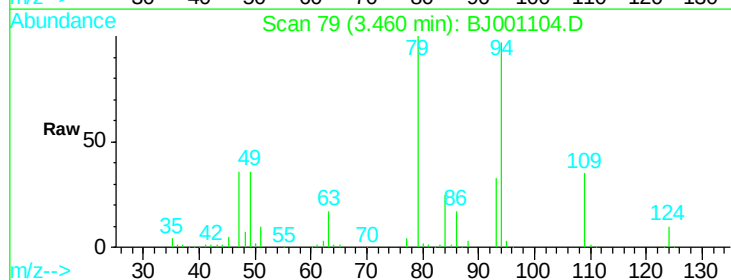
Tgt Ion: 79 Resp: 650490

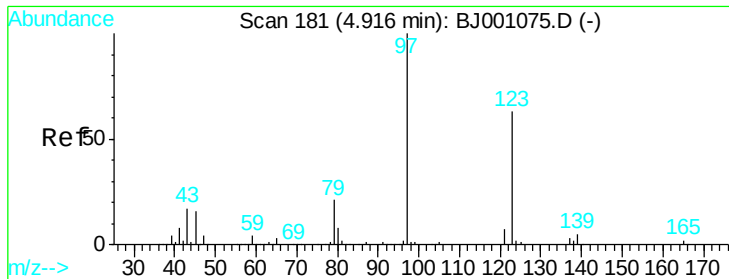
Ion Ratio Lower Upper

79 100

94 96.9 80.9 120.9

109 34.8 20.3 60.3





#4

DIMP

Concen: 2.81 ug/mL

RT: 4.83 min Scan# 175

Delta R.T. -0.06 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 97 Resp: 900430
Ion Ratio Lower Upper

97 100

123 70.5 47.2 87.2

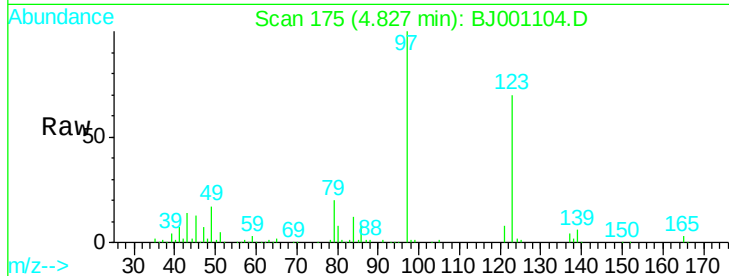
43 14.1 0.0 36.5

41 7.1 0.0 28.5

Manual Integrations
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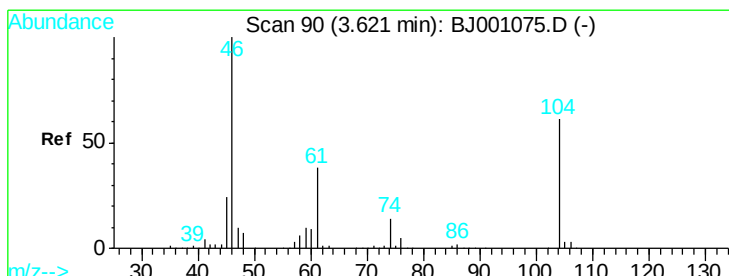
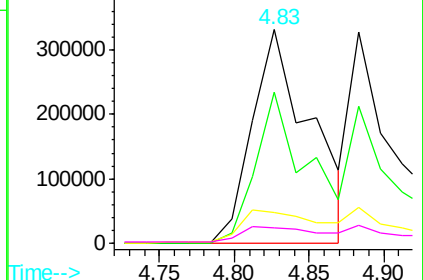
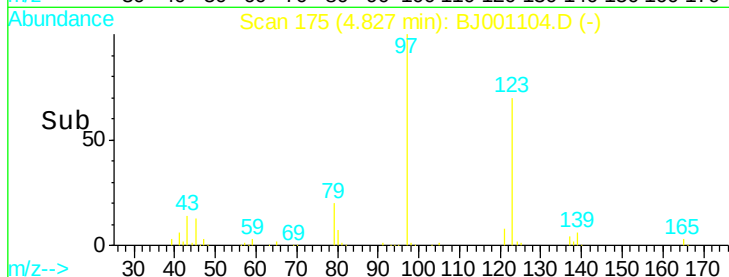


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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



#5

1,4-Oxathiane

Concen: 11.78 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. 0.02 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

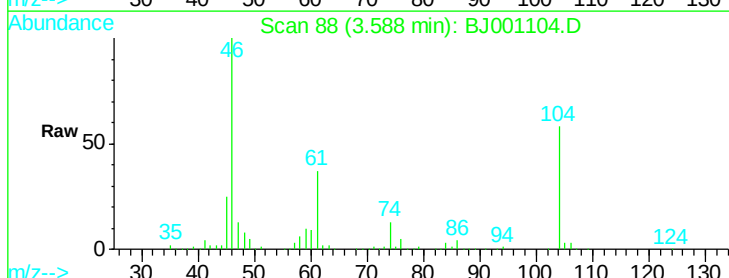
Tgt Ion: 46 Resp: 1895441

Ion Ratio Lower Upper

46 100

61 37.3 17.1 57.1

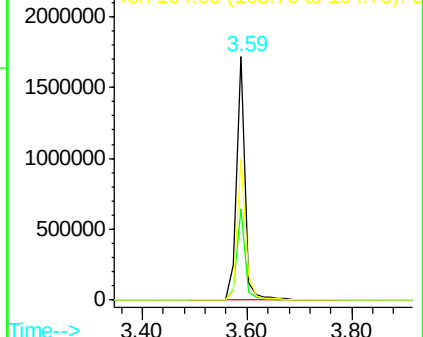
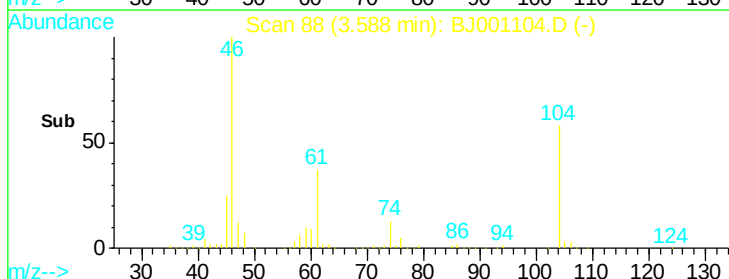
104 57.8 29.3 69.3

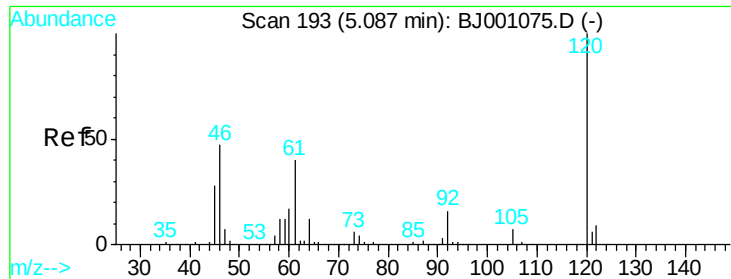


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 11.04 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.00 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 46 Resp: 1530790

Ion Ratio Lower Upper

46 100

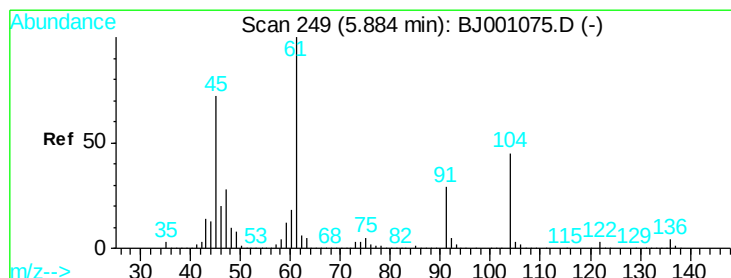
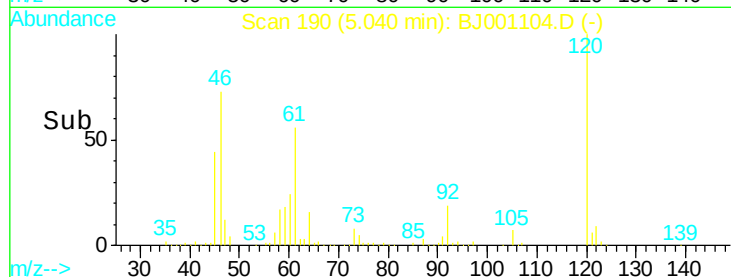
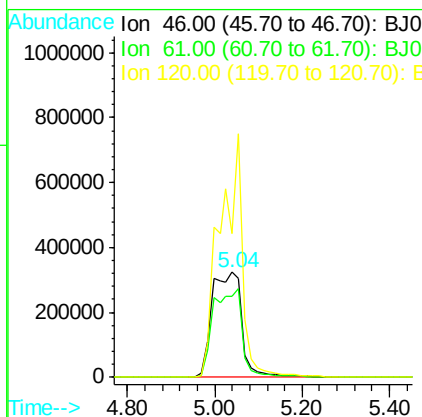
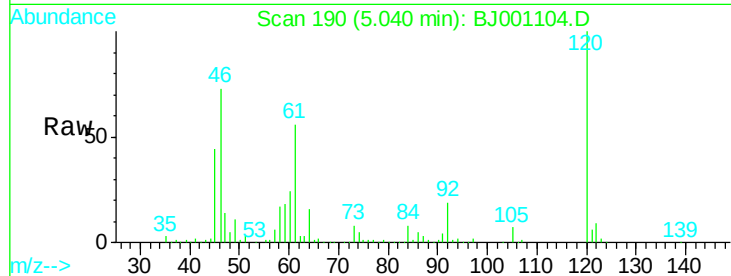
61 77.3 60.0 100.0

120 136.9 138.1 178.1#

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#8

Thiodiglycol

Concen: 56.18 ug/mL

RT: 5.85 min Scan# 247

Delta R.T. 0.02 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

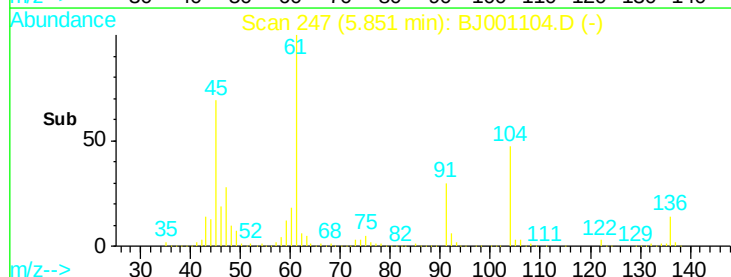
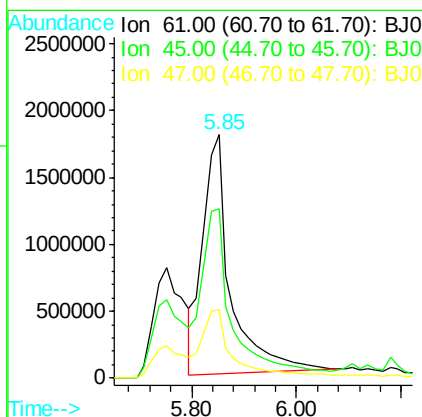
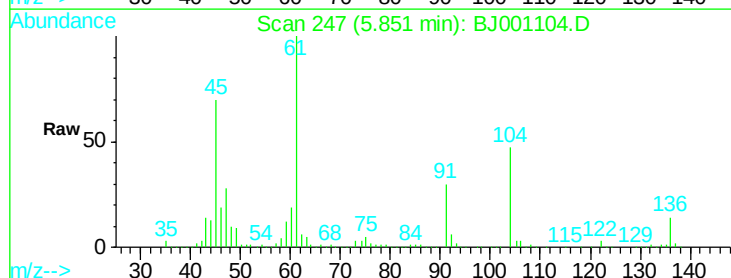
Tgt Ion: 61 Resp: 6616049

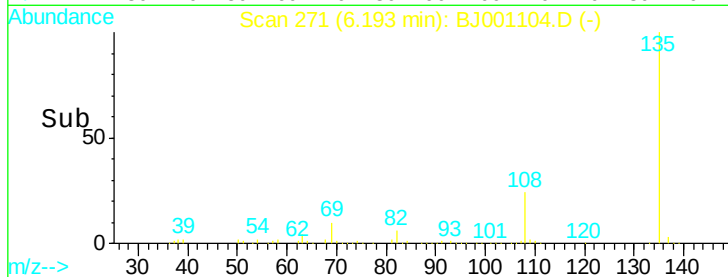
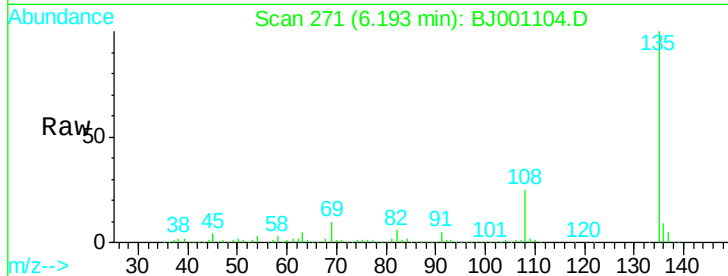
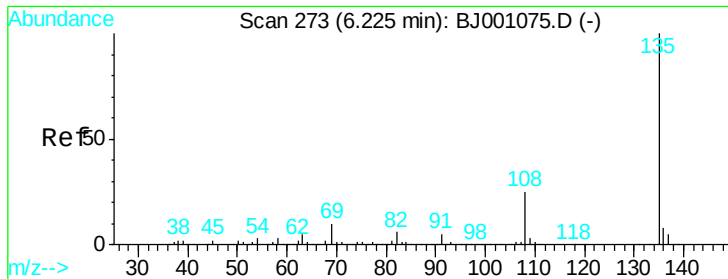
Ion Ratio Lower Upper

61 100

45 69.6 54.0 94.0

47 28.2 9.6 49.6





#9

Benzothiazole

Concen: 13.45 ug/mL

RT: 6.19 min Scan# 271

Delta R.T. 0.00 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

Tgt Ion:	135	Resp:	5115081
Ion	Ratio	Lower	Upper
135	100		
108	25.1	5.8	45.8
69	9.8	0.0	30.2

Instrument :

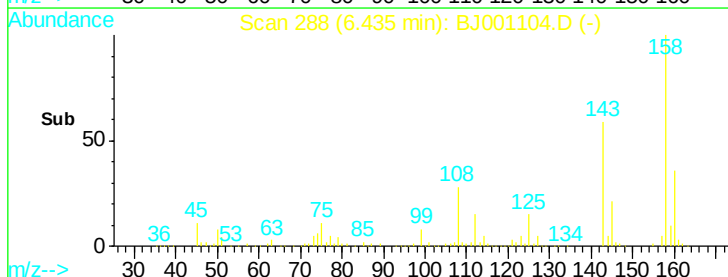
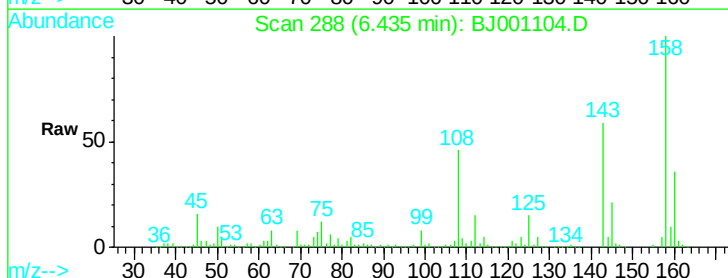
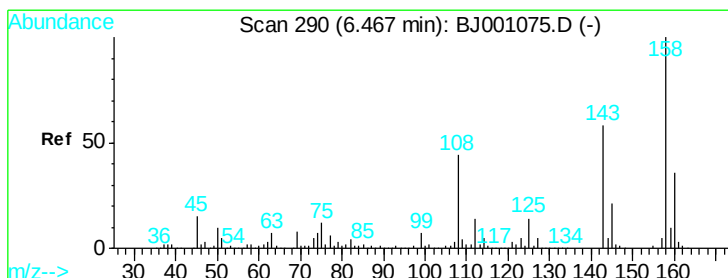
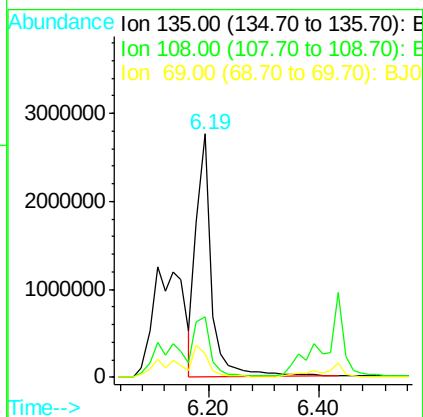
BNA_J

LabSampleId :

CWA-5

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#11

p-Chlorophenylmethylsulfide

Concen: 25.43 ug/mL

RT: 6.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BJ001104.D

Acq: 11 Sep 2012 13:34

Tgt Ion:158 Resp: 5926506

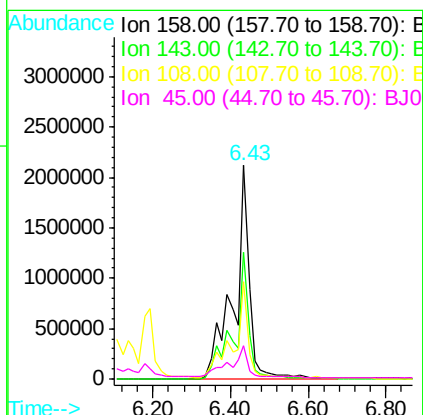
Ion Ratio Lower Upper

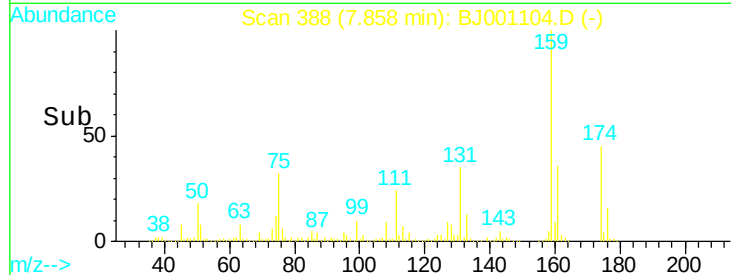
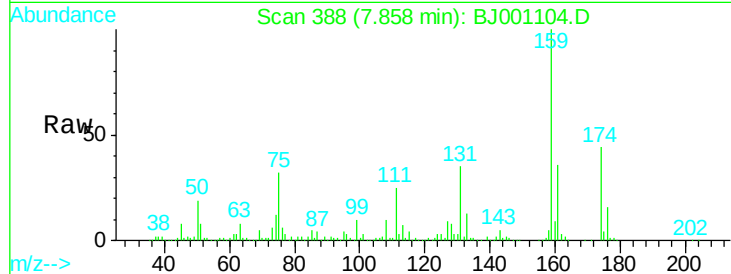
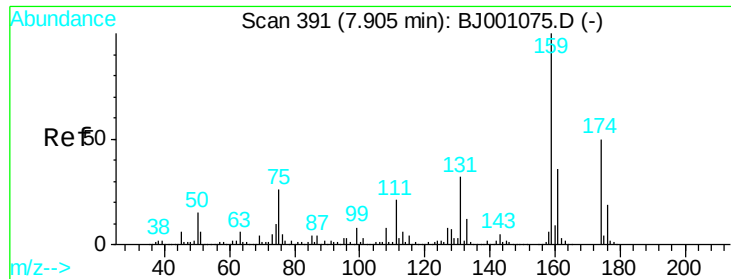
158 100

143 59.3 39.2 79.2

108 45.8 24.9 64.9

45 15.6 0.0 36.2





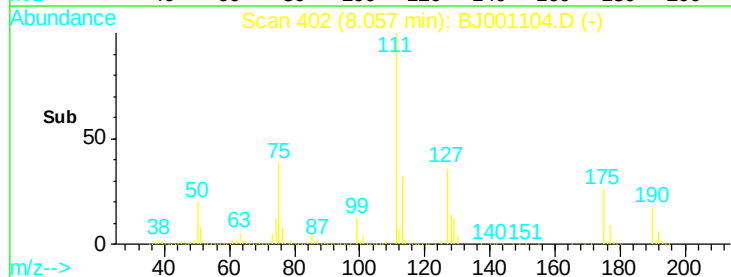
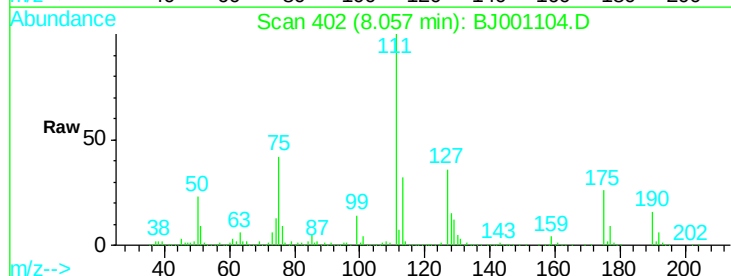
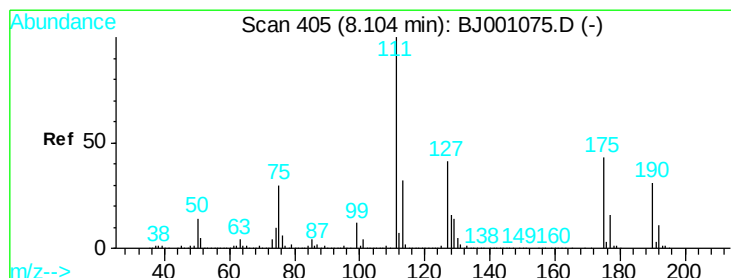
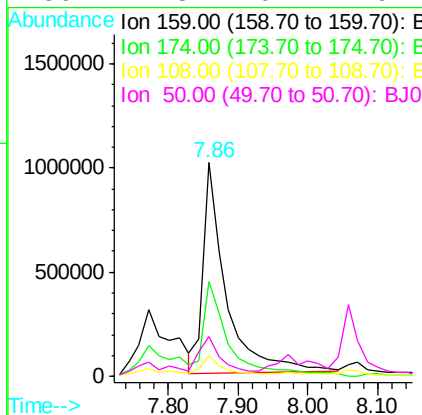
#13
p-Chlorophenylmethylsulfoxide
Concen: 15.87 ug/mL
RT: 7.86 min Scan# 388
Delta R.T. 0.00 min
Lab File: BJ001104.D
Acq: 11 Sep 2012 13:34

Instrument :
BNA_J
LabSampleId :
CWA-5

Manual Integrations
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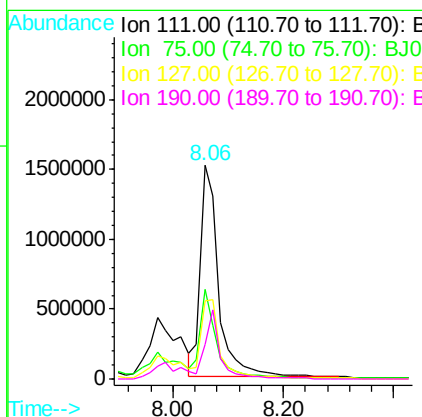
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Tgt Ion:159 Resp: 2327723
Ion Ratio Lower Upper
159 100
174 50.4 27.2 67.2
108 8.3 0.0 29.4
50 14.8 0.7 40.7



#14
p-Chlorophenylmethylsulfone
Concen: 14.80 ug/mL
RT: 8.06 min Scan# 402
Delta R.T. 0.00 min
Lab File: BJ001104.D
Acq: 11 Sep 2012 13:34

Tgt Ion:111 Resp: 3441169
Ion Ratio Lower Upper
111 100
75 41.7 21.3 61.3
127 36.4 16.0 56.0
190 16.5 0.0 36.9



Data File : H:\VOL1\GCMSDATA\J\120911\BJ001104.D
 Acq On : 11 Sep 2012 13:34
 Sample : CWA-5
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 11 15:32 2012

Vial: 3
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-5

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
 APPROVED

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 9/20/2012 5:29:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.57	152	345672	2.00	ug/mL	-0.03
6) Naphthalene-d8	5.89	136	1476262	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.95	99	1910953	3.54	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	708.00%#
12) 2-Bromothioanisole	7.19	204	2842192	24.63	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	492.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.45	94	1827120	14.13	ug/mL#	48
3) DMMP	3.46	79	650490	4.18	ug/mL	95
4) DIMP	4.83	97	900430	2.81	ug/mL	96
5) 1,4-Oxathiane	3.59	46	1895441	11.78	ug/mL	93
7) 1,4-Dithiane	5.04	46	1530790	11.04	ug/mL#	88
8) Thiodiglycol	5.85	61	6616049	56.18	ug/mL	96
9) Benzothiazole	6.19	135	5115081	13.45	ug/mL	99
11) p-Chlorophenylmethyldisulfide	6.43	158	5926506	25.43	ug/mL	99
13) p-Chlorophenylmethyldisulfox	7.86	159	2327723	15.87	ug/mL	93
14) p-Chlorophenylmethyldisulfon	8.06	111	3441169	14.80	ug/mL	99