

Data File : H:\VOL1\GCMSDATA\J\120924\BJ001147.D
 Acq On : 24 Sep 2012 16:44
 Sample : CWA-3
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 27 17:01 2012

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

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Quant Results File: BJ092412.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Sep 27 16:58:07 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	4.41	152	457386	2.00	ug/mL	0.00
6) Naphthalene-d8	5.68	136	2029293	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.75	99	361588	0.41	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.00%
12) 2-Bromothioanisole	6.97	204	382142	2.44	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.80%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.38	94	168346	0.84	ug/mL#	48
3) DMMP	3.30	79	86323	0.63	ug/mL	99
4) DIMP	4.70	97	205411	0.50	ug/mL	97
5) 1,4-Oxathiane	3.40	46	250697	1.30	ug/mL	93
7) 1,4-Dithiane	4.84	46	199421	1.15	ug/mL	95
8) Thiodiglycol	5.59	61	1291493	7.86	ug/mL	99
9) Benzothiazole	5.98	135	1441129	2.61	ug/mL	99
11) p-Chlorophenylmethyldisulfide	6.23	158	801580	2.46	ug/mL	95
13) p-Chlorophenylmethyldisulfox	7.63	159	469513	2.25	ug/mL#	91
14) p-Chlorophenylmethyldisulfon	7.83	111	678040	2.50	ug/mL	93

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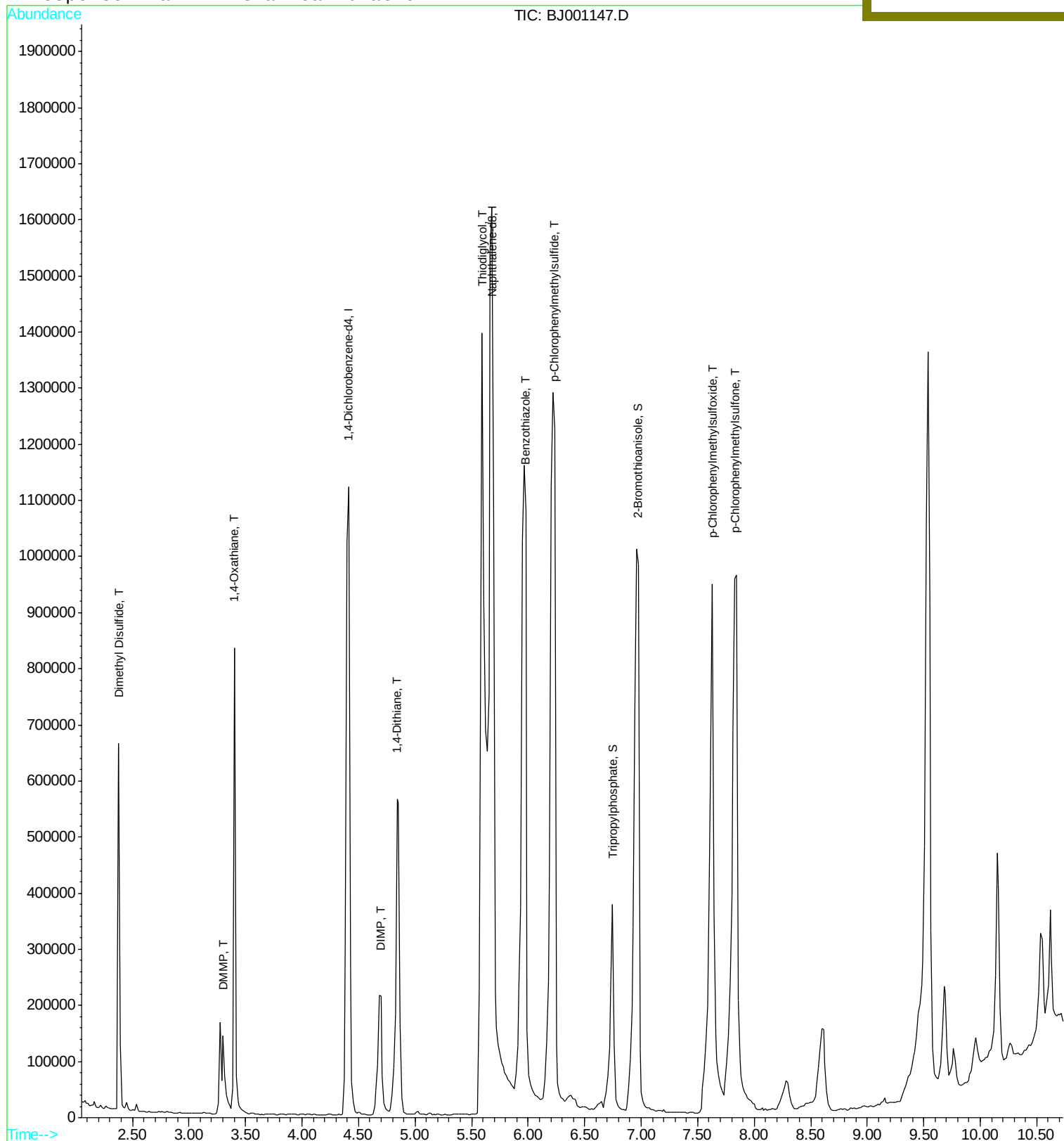
Instrument :
BNA_J
LabSampleId :
CWA-3

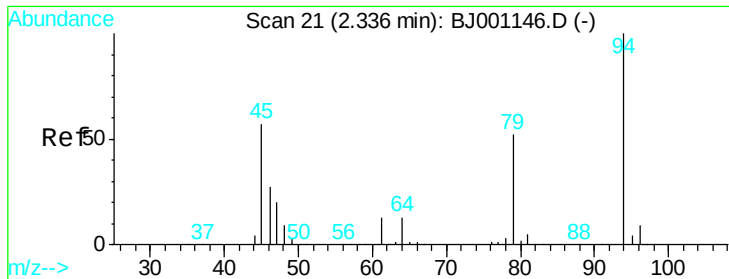
Quant Results File: BJ092412.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
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#2

Dimethyl Disulfide

Concen: 0.84 ug/mL

RT: 2.38 min Scan# 24

Delta R.T. 0.04 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

LabSampleId :

CWA-3

Tgt Ion: 94 Resp: 168346
Ion Ratio Lower Upper

94 100

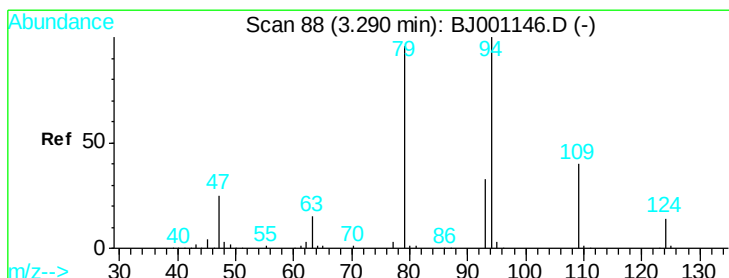
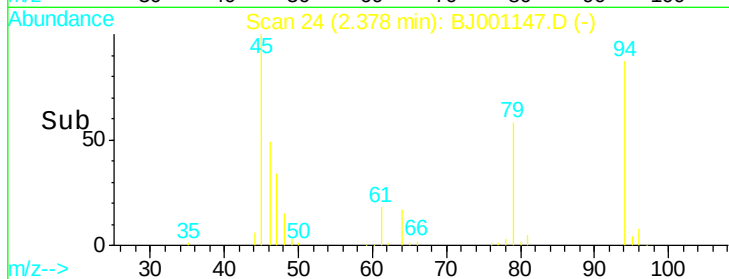
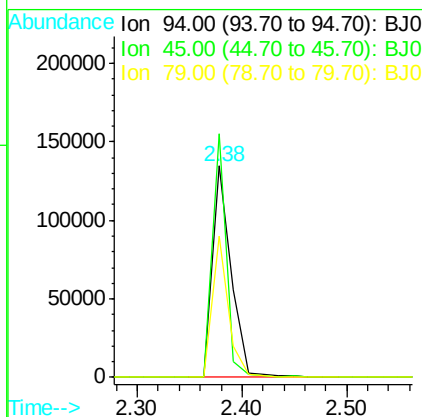
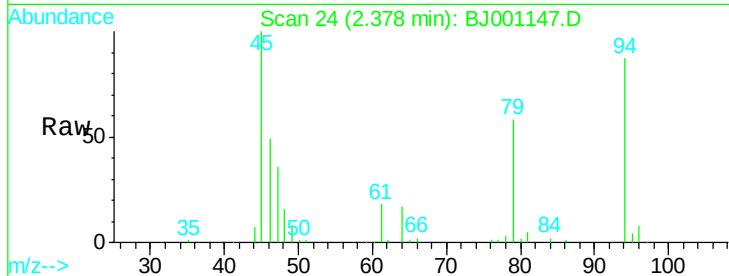
45 115.2 36.7 76.7#

79 66.7 31.6 71.6

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#3

DMMP

Concen: 0.63 ug/mL

RT: 3.30 min Scan# 89

Delta R.T. 0.01 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

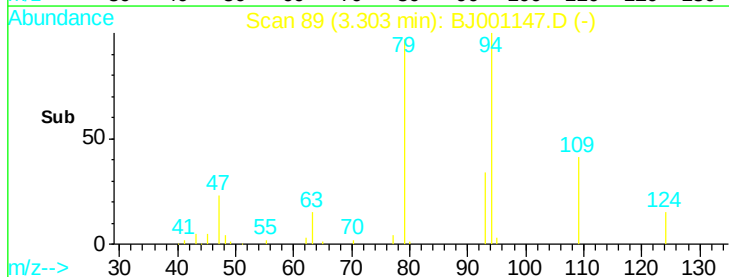
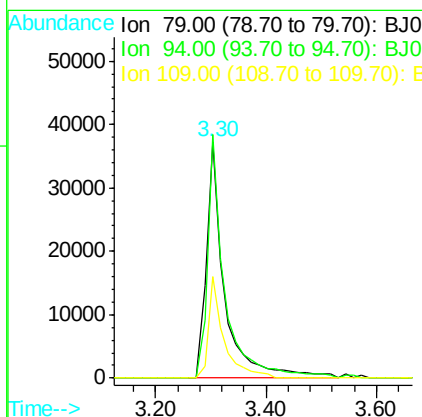
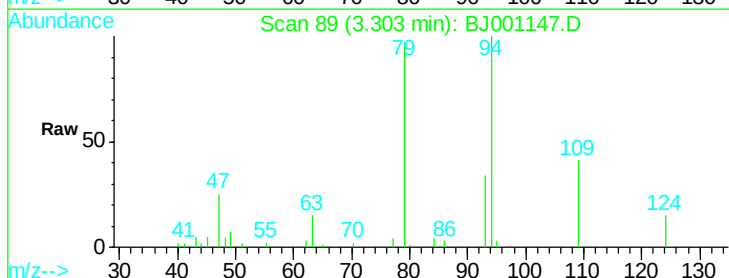
Tgt Ion: 79 Resp: 86323

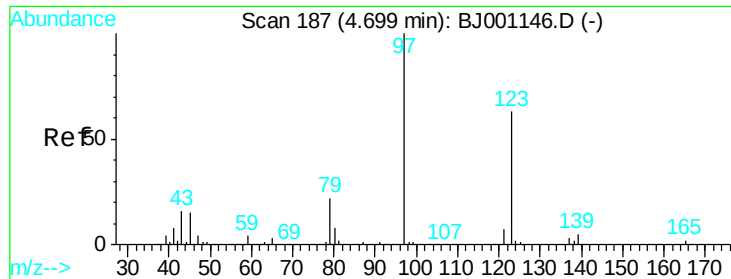
Ion Ratio Lower Upper

79 100

94 103.1 83.7 123.7

109 42.8 21.5 61.5





#4

DIMP

Concen: 0.50 ug/mL

RT: 4.70 min Scan# 187

Delta R.T. -0.00 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

LabSampleId :

CWA-3

Tgt Ion: 97 Resp: 205411

Ion Ratio Lower Upper

97 100

123 65.9 43.3 83.3

43 17.4 0.0 36.5

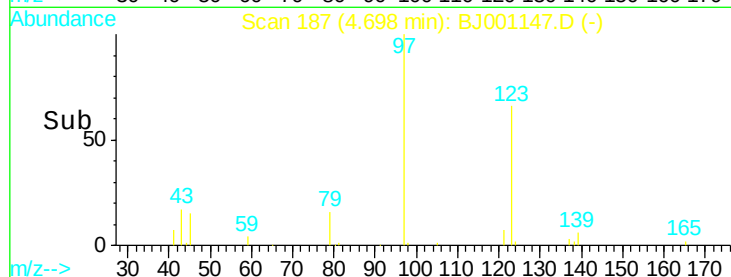
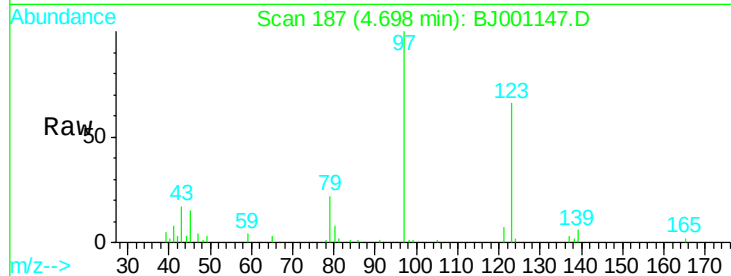
41 8.3 0.0 27.9

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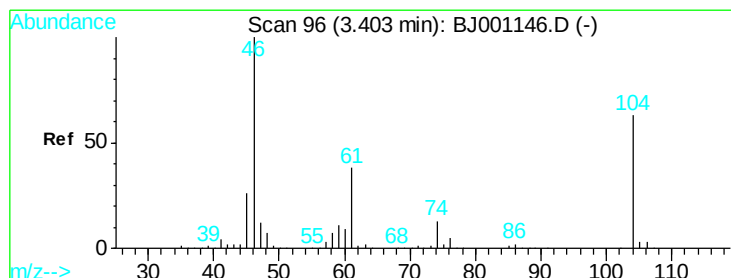
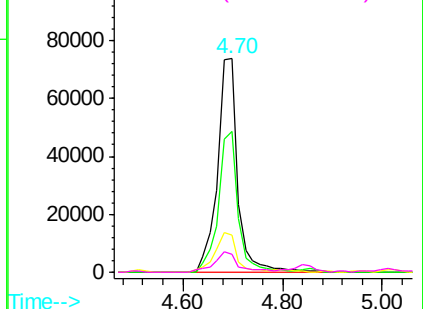
Abundance

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: 1.30 ug/mL

RT: 3.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

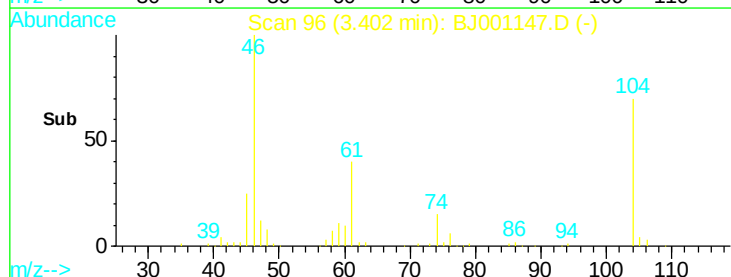
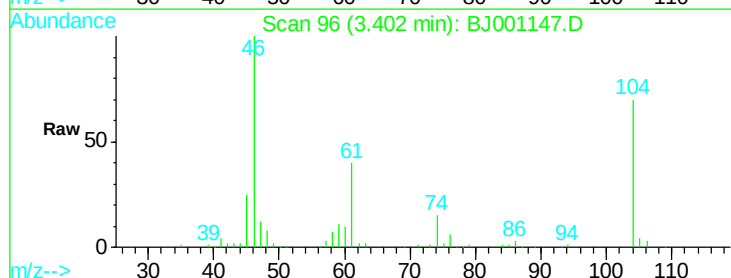
Tgt Ion: 46 Resp: 250697

Ion Ratio Lower Upper

46 100

61 40.0 18.0 58.0

104 69.7 43.0 83.0

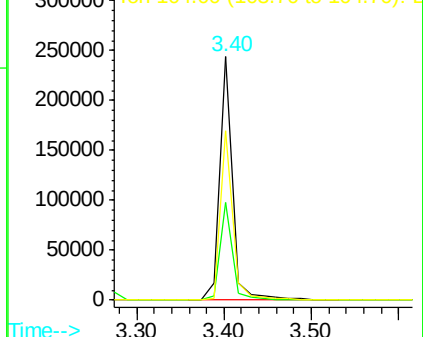


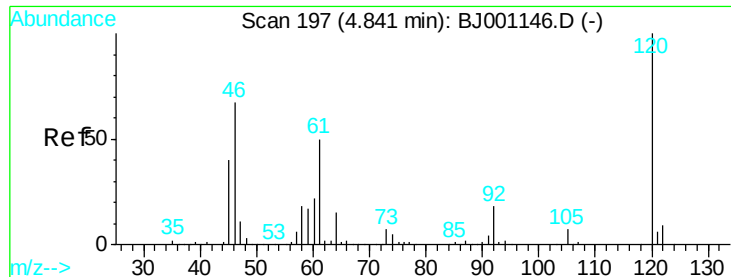
Abundance

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: 1.15 ug/mL

RT: 4.84 min Scan# 197

Delta R.T. -0.00 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

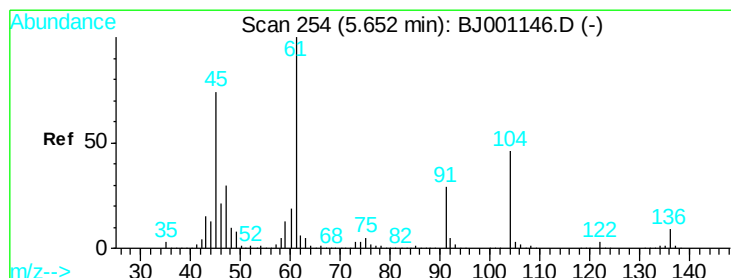
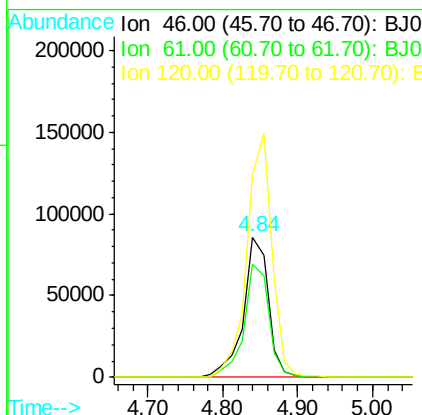
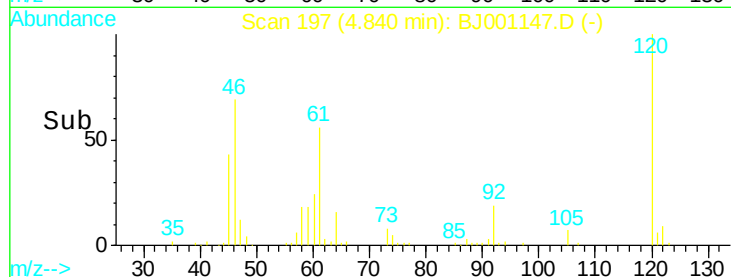
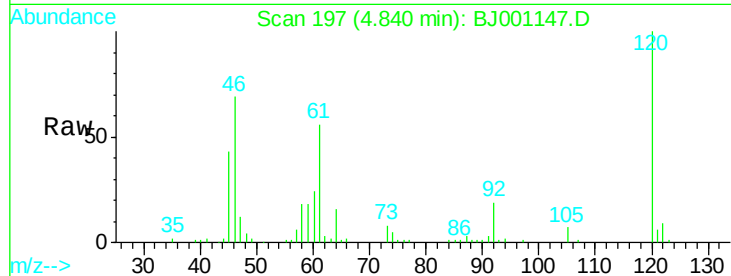
LabSampleId :

CWA-3

Tgt Ion: 46 Resp: 199421
 Ion Ratio Lower Upper
 46 100
 61 80.7 54.6 94.6
 120 144.9 129.2 169.2

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#8

Thiodiglycol

Concen: 7.86 ug/mL

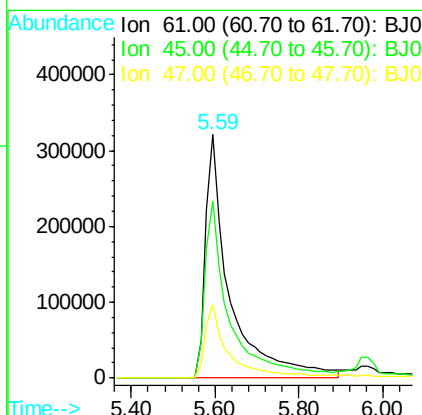
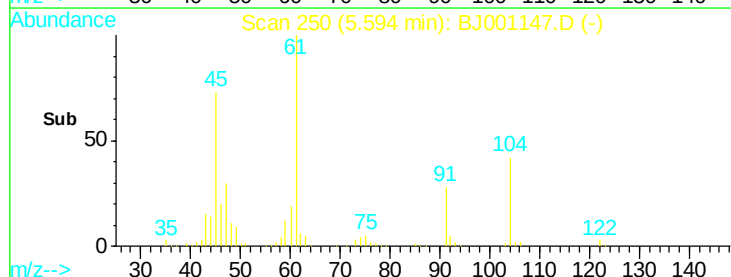
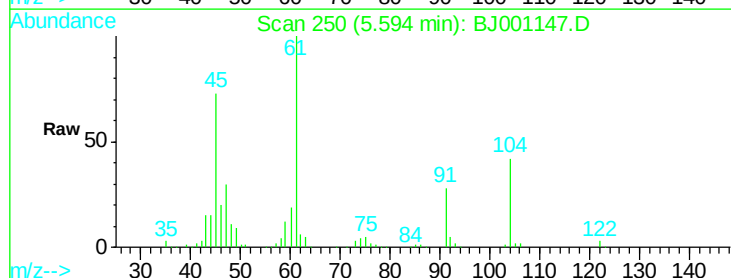
RT: 5.59 min Scan# 250

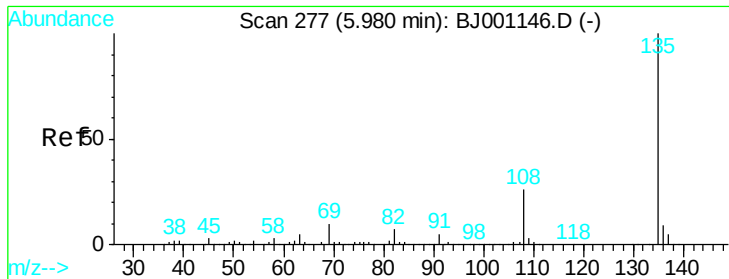
Delta R.T. -0.06 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Tgt Ion: 61 Resp: 1291493
 Ion Ratio Lower Upper
 61 100
 45 72.8 54.2 94.2
 47 30.0 9.7 49.7





#9

Benzothiazole

Concen: 2.61 ug/mL

RT: 5.98 min Scan# 277

Delta R.T. -0.00 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

LabSampleId :

CWA-3

Tgt Ion:135 Resp: 1441129

Ion Ratio Lower Upper

135 100

108 26.1 6.2 46.2

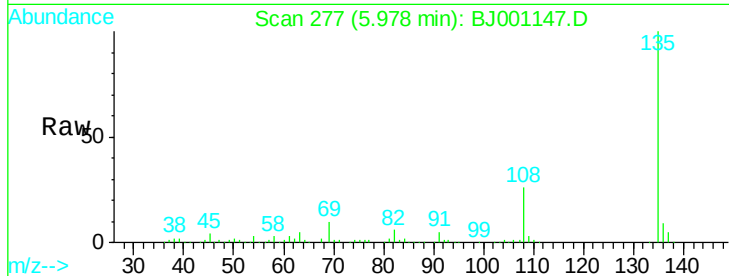
69 9.6 0.0 30.4

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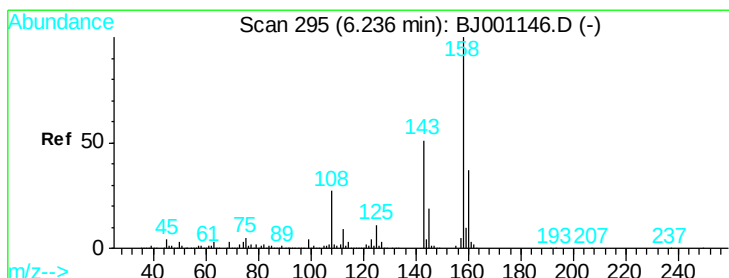
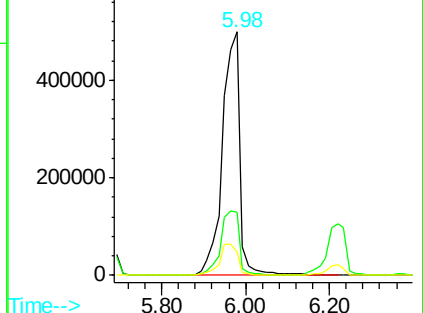
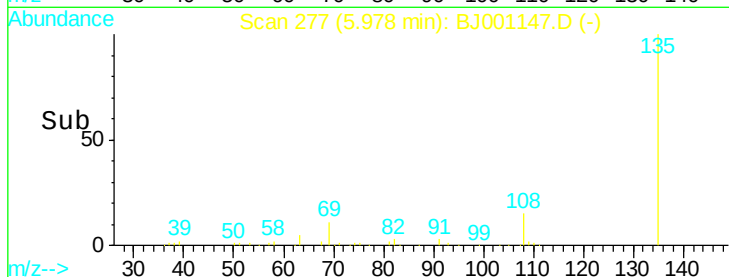


Abundance

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: 2.46 ug/mL

RT: 6.23 min Scan# 295

Delta R.T. -0.00 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Tgt Ion:158 Resp: 801580

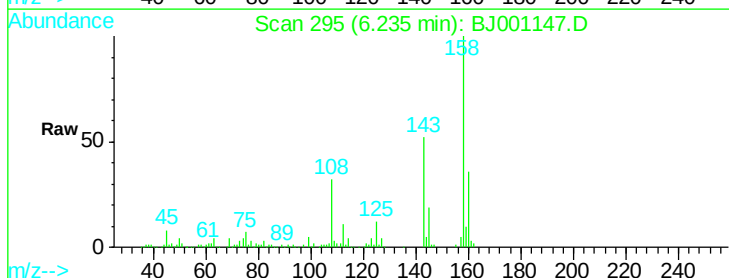
Ion Ratio Lower Upper

158 100

143 52.5 30.6 70.6

108 31.7 6.9 46.9

45 7.5 0.0 24.3



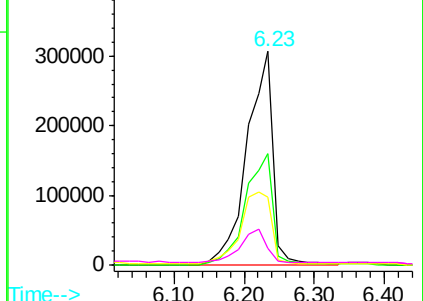
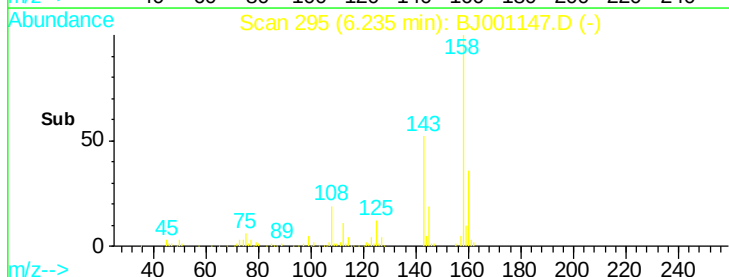
Abundance

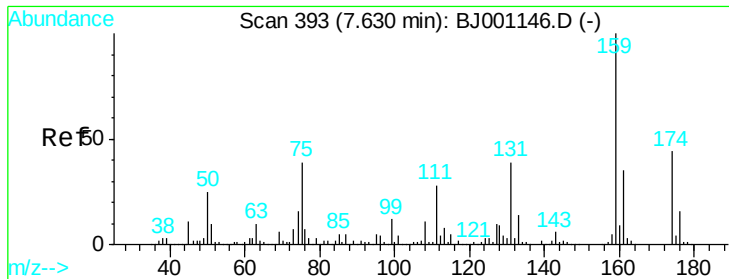
Ion 158.00 (157.70 to 158.70): E

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





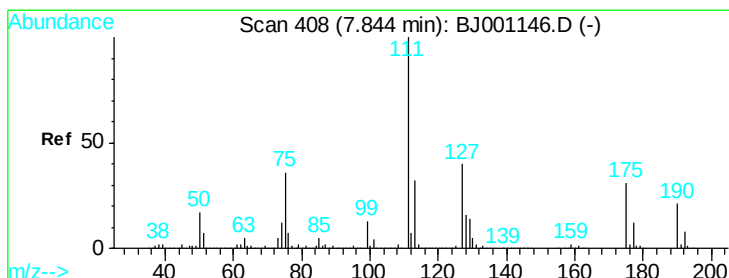
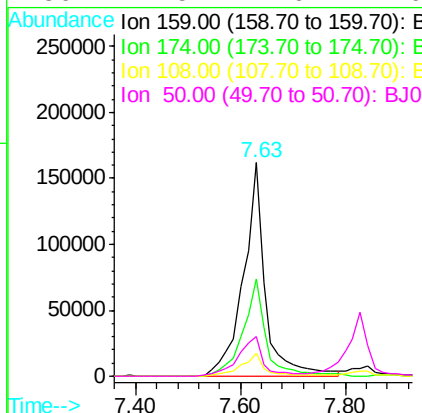
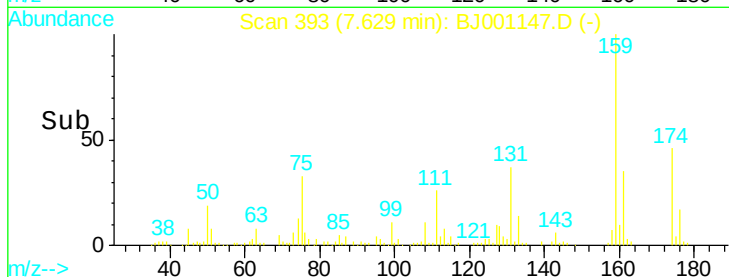
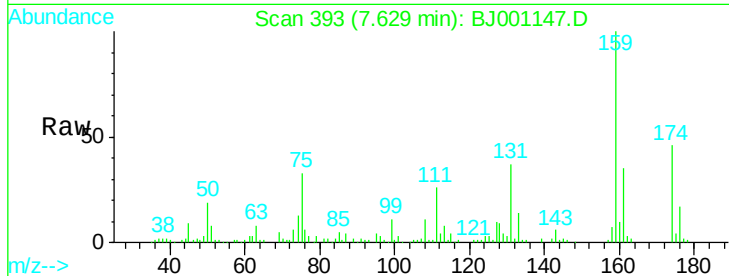
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.25 ug/mL
RT: 7.63 min Scan# 393
Delta R.T. -0.00 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion:159 Resp: 469513
Ion Ratio Lower Upper
159 100
174 47.7 0.0 20.4#
108 11.8 0.0 22.2
50 21.5 4.6 44.6

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#14
p-Chlorophenylmethylsulfone
Concen: 2.50 ug/mL
RT: 7.83 min Scan# 407
Delta R.T. -0.02 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Tgt Ion:111 Resp: 678040
Ion Ratio Lower Upper
111 100
75 42.7 16.1 56.1
127 36.3 19.6 59.6
190 20.6 1.2 41.2

