

Data File : H:\VOL1\GCMSDATA\J\121204\BJ001312.D
 Acq On : 4 Dec 2012 16:33
 Sample : CWA-CCV
 Misc : CWA CCV BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 5 11:27 2012

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

Instrument :
 BNA_J
 LabSampleId :
 CWA-CCV

Quant Results File: BJ112712.F

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Wed Dec 05 11:26:13 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.37	152	307587	2.00	ug/mL	0.00
6) Naphthalene-d8	5.64	136	1196443	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.69	99	1291237	2.16	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	432.00%#
12) 2-Bromothioanisole	6.92	204	1120573	11.25	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	225.00%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.31	94	764276	4.56	ug/mL	100
3) DMMP	3.26	79	301151	1.90	ug/mL	100
4) DIMP	4.66	97	832493	2.33	ug/mL	100
5) 1,4-Oxathiane	3.36	46	1025620	5.52	ug/mL	100
7) 1,4-Dithiane	4.80	46	830417	5.73	ug/mL	100
8) Thiodiglycol	5.60	61	4457131	36.30	ug/mL	100
9) Benzothiazole	5.92	135	3948275	11.81	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.18	158	2226395	10.64	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.59	159	1570544	11.10	ug/mL	100
14) p-Chlorophenylmethyldisulfon	7.79	111	2132858	10.39	ug/mL	100

Quantitation Report

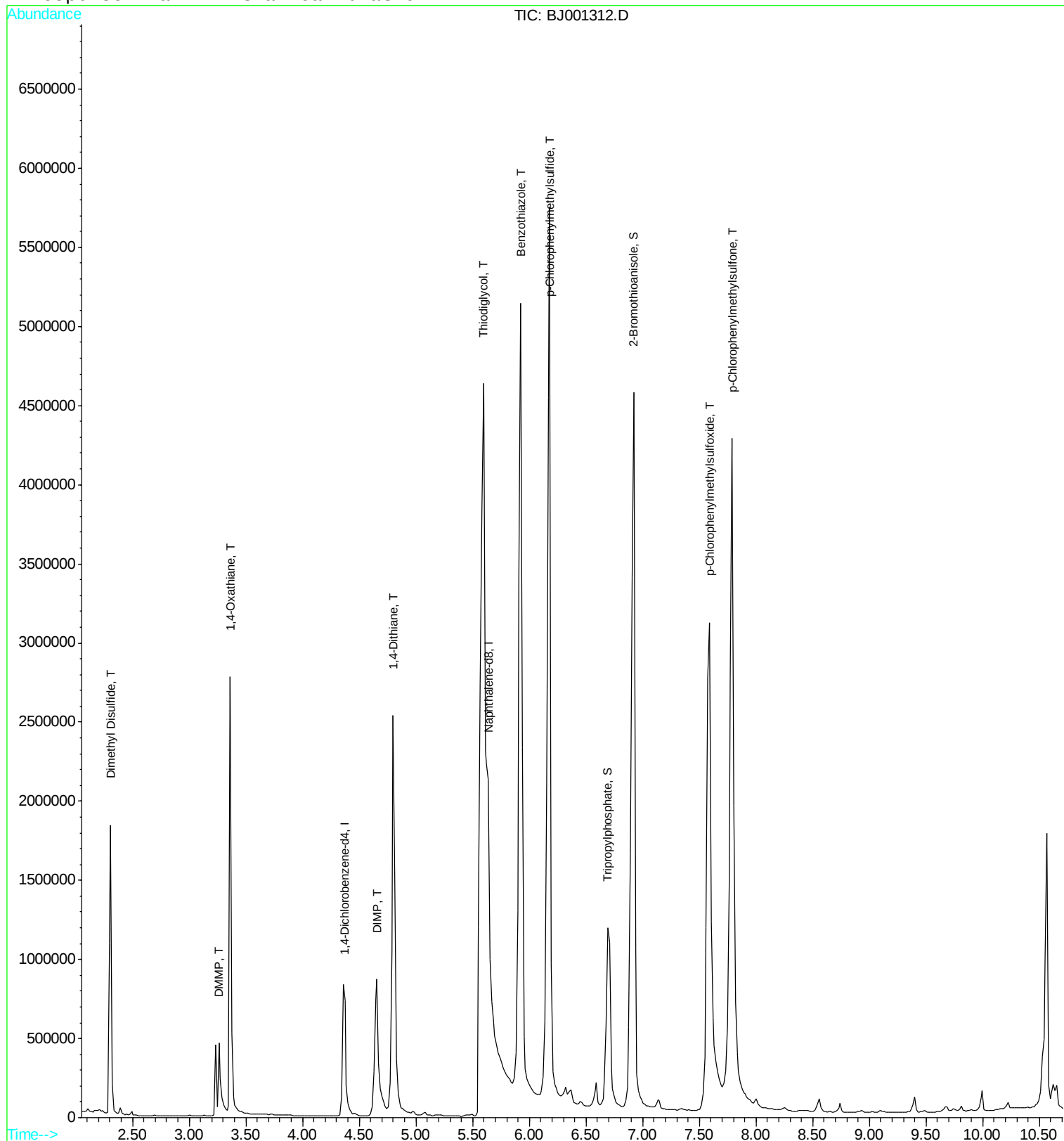
Data File : H:\VOL1\GCMSDATA\J\121204\BJ001312.D
Acq On : 4 Dec 2012 16:33
Sample : CWA-CCV
Misc : CWA CCV BNA J HLM
MS Integration Params: rteint.p
Quant Time: Dec 5 11:27 2012

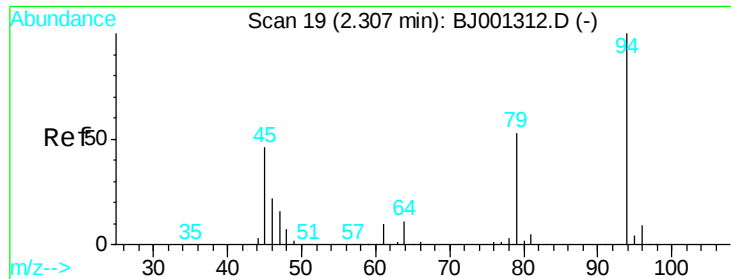
Vial: 2
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Instrument :
BNA_J
LabSampleId :
CWA-CCV

Quant Results File: BJ112712.KES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Wed Dec 05 11:26:13 2012
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 4.56 ug/mL

RT: 2.31 min Scan# 19

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

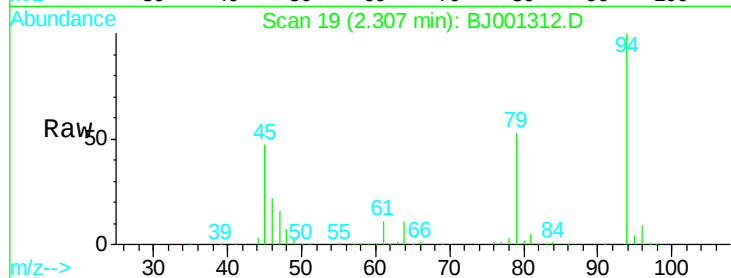
Tgt Ion: 94 Resp: 764276

Ion Ratio Lower Upper

94 100

45 46.5 26.5 66.5

79 53.4 33.4 73.4

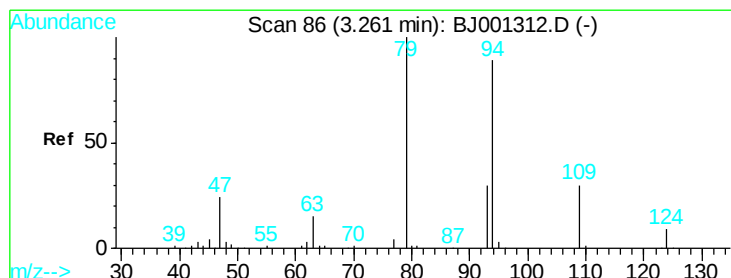
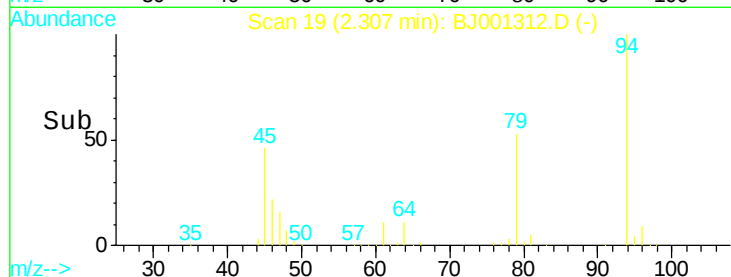
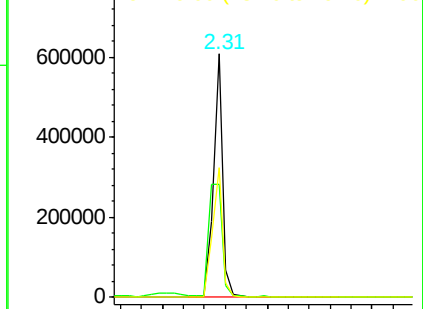


Abundance

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: 1.90 ug/mL

RT: 3.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

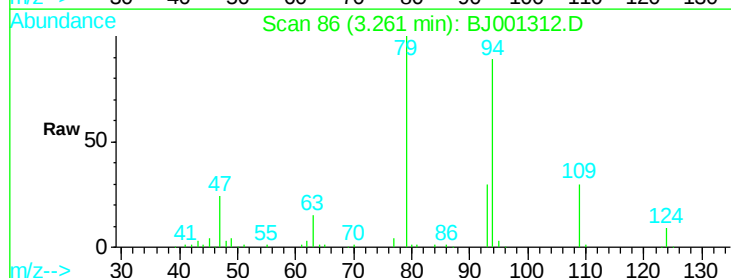
Tgt Ion: 79 Resp: 301151

Ion Ratio Lower Upper

79 100

94 89.1 69.1 109.1

109 30.5 10.5 50.5

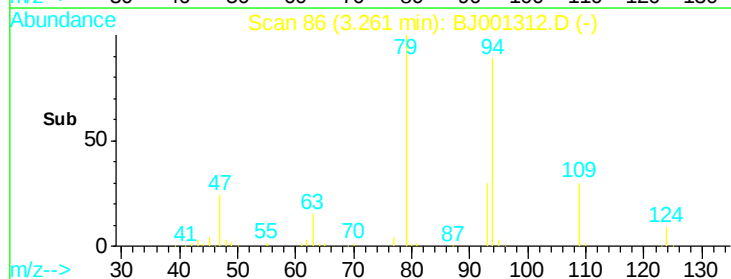
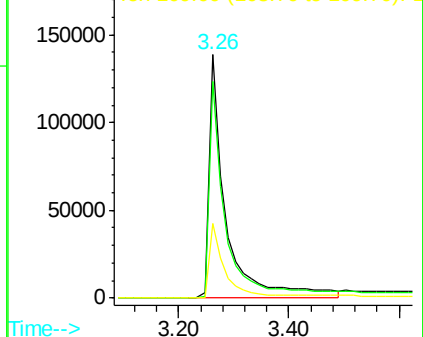


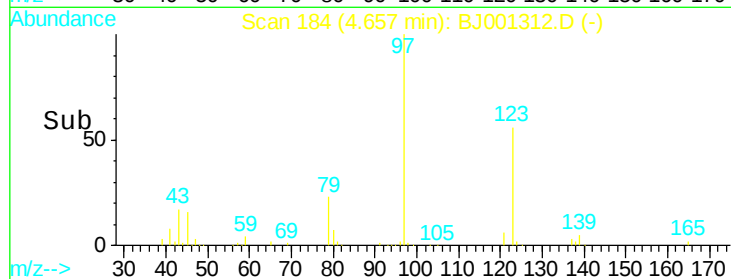
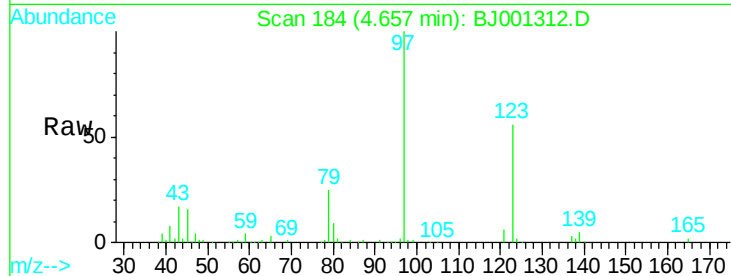
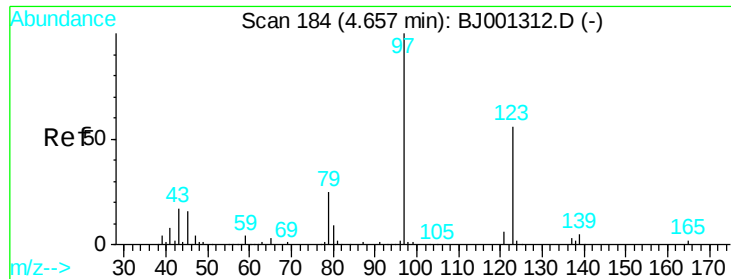
Abundance

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: 2.33 ug/mL

RT: 4.66 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion: 97 Resp: 832493

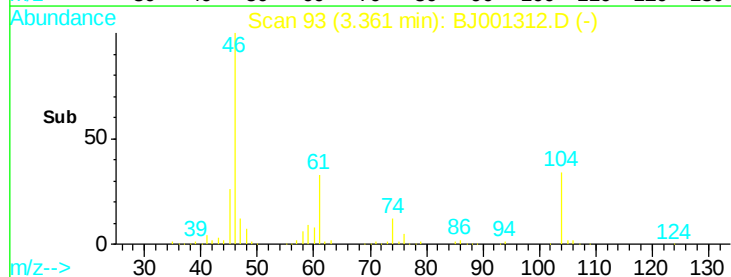
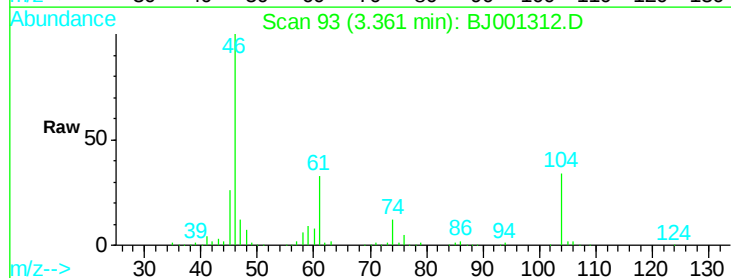
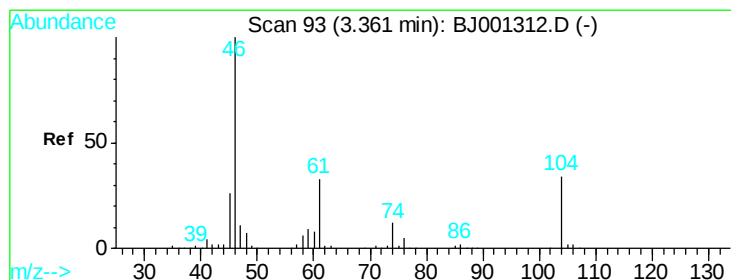
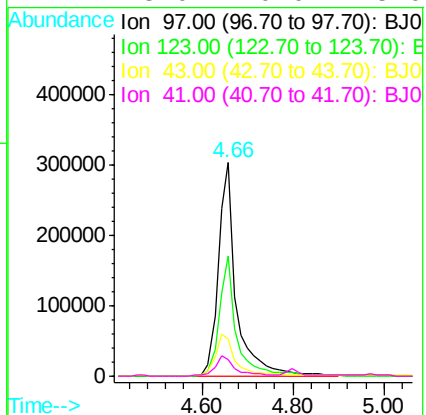
Ion Ratio Lower Upper

97 100

123 56.4 36.4 76.4

43 17.2 0.0 37.2

41 8.0 0.0 28.0



#5

1,4-Oxathiane

Concen: 5.52 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

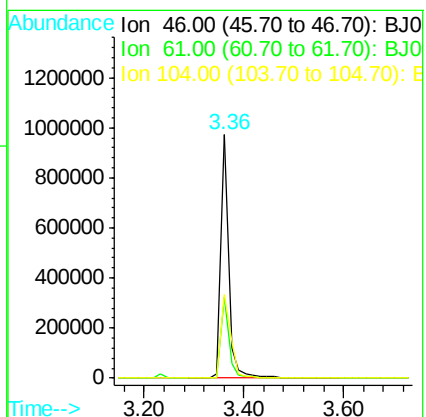
Tgt Ion: 46 Resp: 1025620

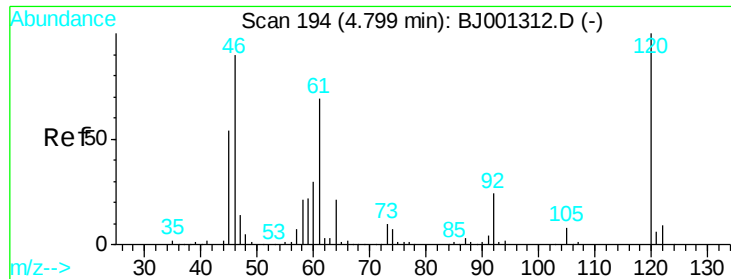
Ion Ratio Lower Upper

46 100

61 33.2 13.2 53.2

104 34.2 14.2 54.2





#7

1,4-Dithiane

Concen: 5.73 ug/mL

RT: 4.80 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

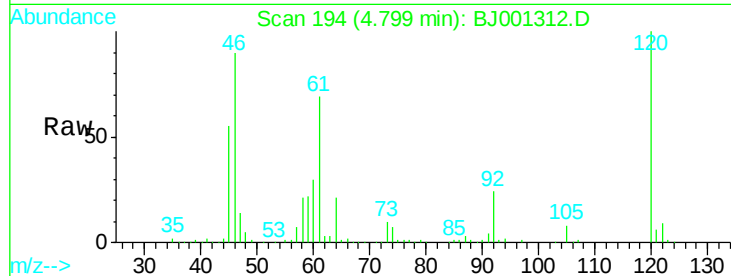
Tgt Ion: 46 Resp: 830417

Ion Ratio Lower Upper

46 100

61 77.0 57.0 97.0

120 111.5 91.5 131.5

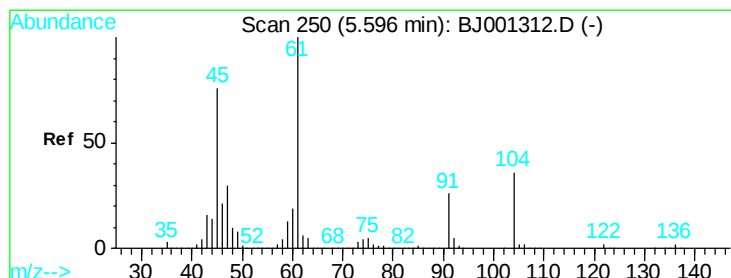
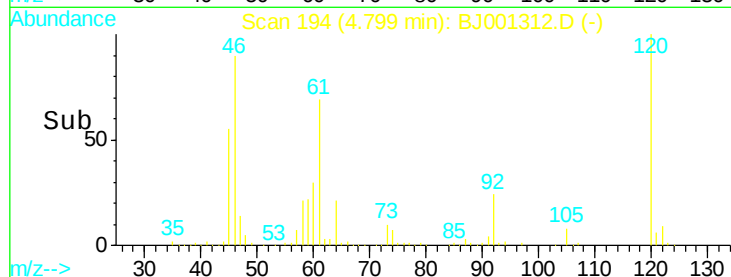
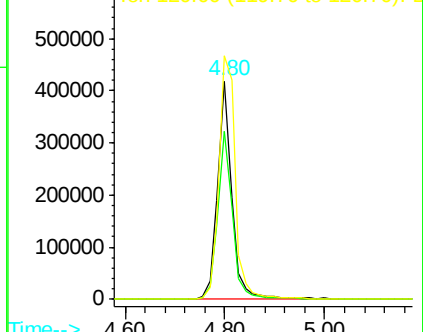


Abundance

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: 36.30 ug/mL

RT: 5.60 min Scan# 250

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

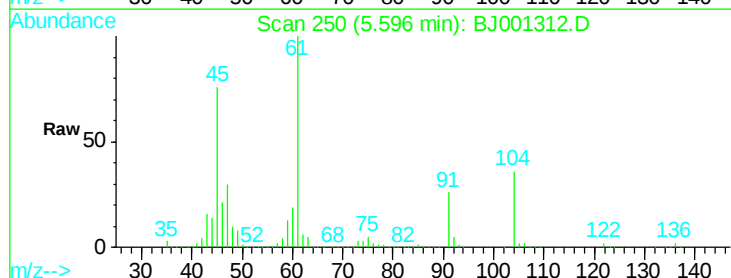
Tgt Ion: 61 Resp: 4457131

Ion Ratio Lower Upper

61 100

45 76.0 56.0 96.0

47 30.0 10.0 50.0

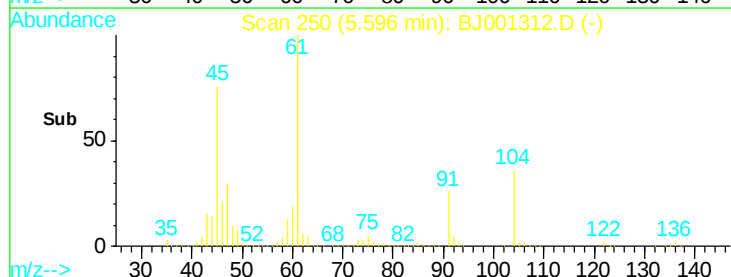
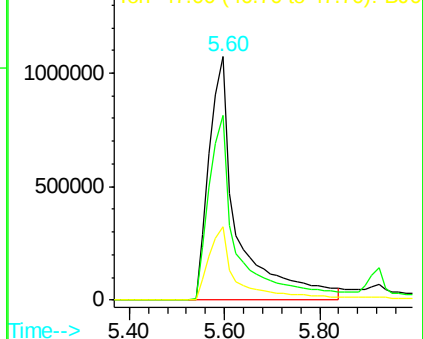


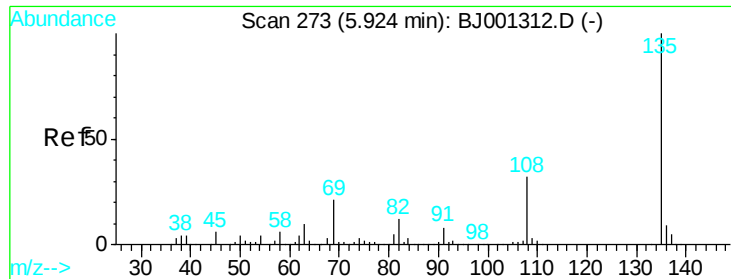
Abundance

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: 11.81 ug/mL

RT: 5.92 min Scan# 273

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

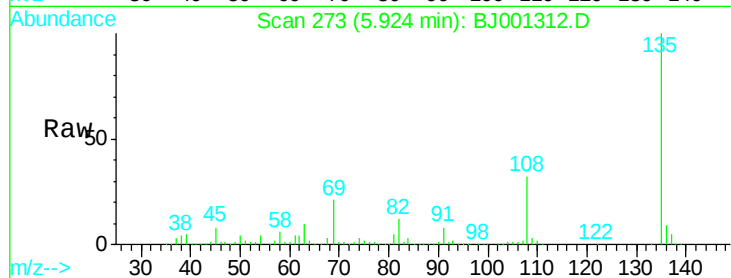
Tgt Ion:135 Resp: 3948275

Ion Ratio Lower Upper

135 100

108 32.0 12.0 52.0

69 21.1 1.1 41.1

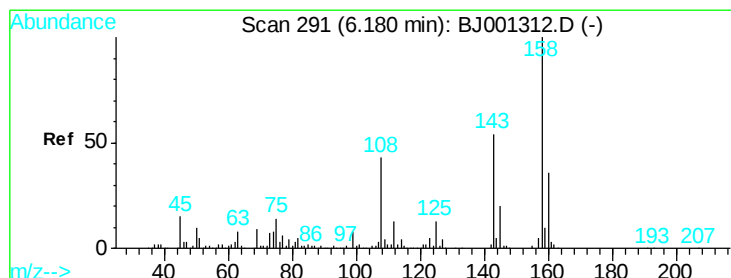
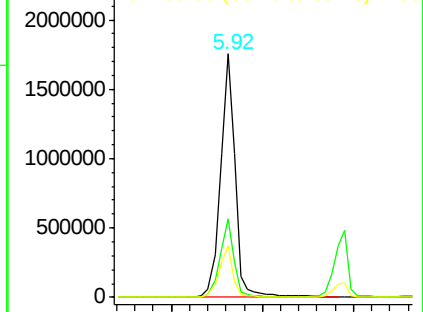
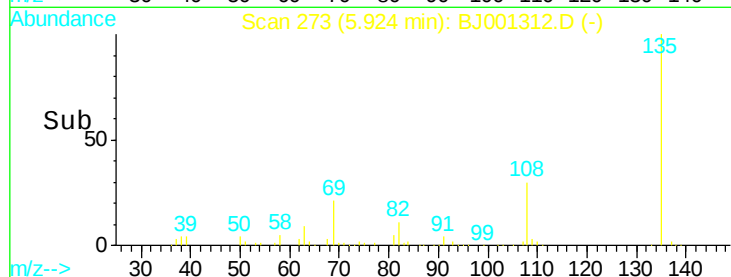


Abundance

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: 10.64 ug/mL

RT: 6.18 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Tgt Ion:158 Resp: 2226395

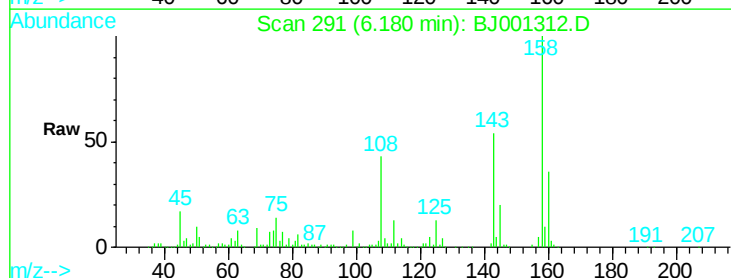
Ion Ratio Lower Upper

158 100

143 54.4 34.4 74.4

108 42.9 22.9 62.9

45 16.9 0.0 36.9



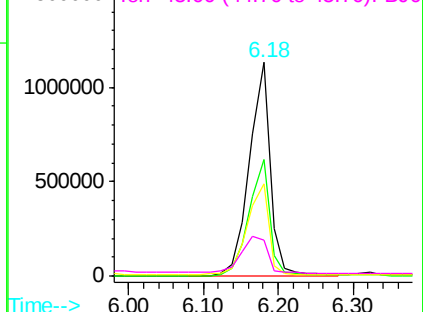
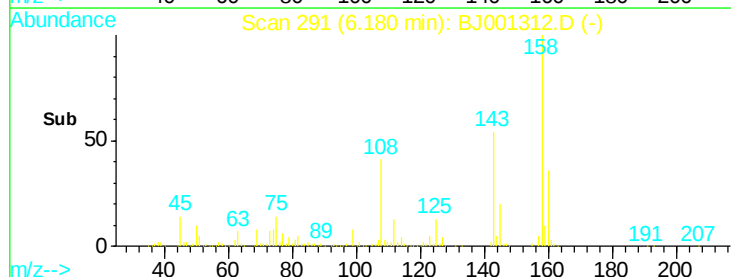
Abundance

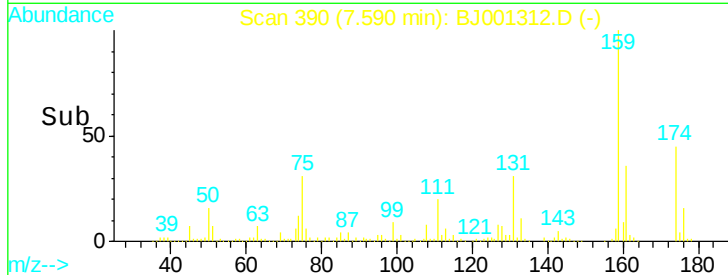
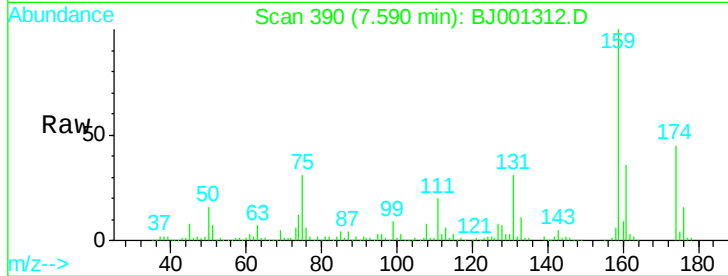
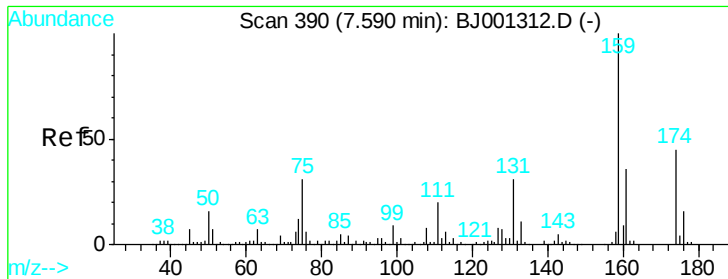
Ion 158.00 (157.70 to 158.70): E

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

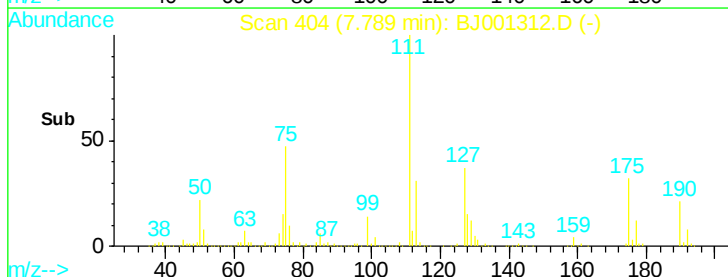
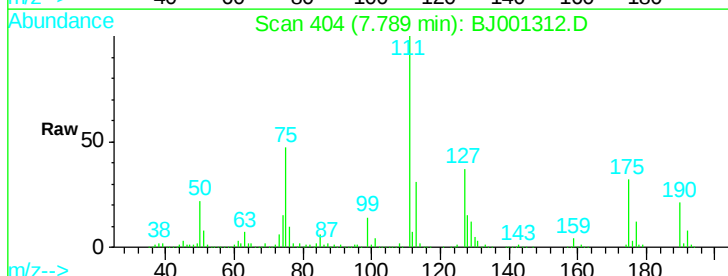
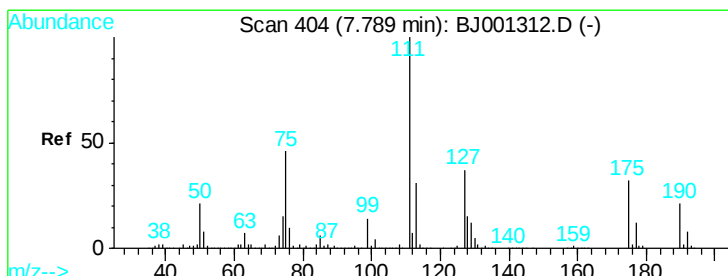
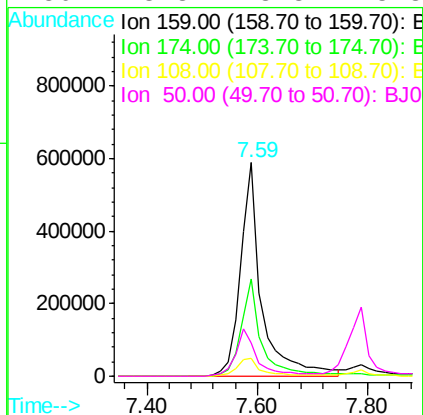




#13
p-Chlorophenylmethylsulfoxide
Concen: 11.10 ug/mL
RT: 7.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: BJ001312.D
Acq: 4 Dec 2012 16:33

Instrument :
BNA_J
LabSampleId :
CWA-CCV

Tgt Ion:159 Resp: 1570544
Ion Ratio Lower Upper
159 100
174 46.1 26.4 66.4
108 9.6 0.0 29.6
50 23.3 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 10.39 ug/mL
RT: 7.79 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001312.D
Acq: 4 Dec 2012 16:33

Tgt Ion:111 Resp: 2132858
Ion Ratio Lower Upper
111 100
75 47.3 27.3 67.3
127 37.0 17.0 57.0
190 20.8 0.8 40.8

