

Data File : H:\VOL1\GCMSDATA\J\121003\BJ001154.D
 Acq On : 3 Oct 2012 13:05
 Sample : CWA-CCV
 Misc : BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Oct 3 18:11 2012

Vial: 2
 Operator: HLM
 Inst : BNA_J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-CCV

Quant Results File: BJ092412.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Wed Oct 03 18:08:25 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	618136	2.00	ug/mL	0.00
6) Naphthalene-d8	5.68	136	2552179	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.75	99	2518397	2.62	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	524.00%#
12) 2-Bromothioanisole	6.98	204	2376258	12.26	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	245.20%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.35	94	1412714	6.56	ug/mL 100
3) DMMP	3.29	79	592135	2.69	ug/mL 100
4) DIMP	4.70	97	1463271	2.70	ug/mL 100
5) 1,4-Oxathiane	3.40	46	1366692	5.50	ug/mL 100
7) 1,4-Dithiane	4.86	46	1222237	6.30	ug/mL 100
8) Thiodiglycol	5.64	61	7263144	40.52	ug/mL 100
9) Benzothiazole	5.98	135	9114632	12.26	ug/mL 100
11) p-Chlorophenylmethyldisulfide	6.24	158	4990153	12.29	ug/mL 100
13) p-Chlorophenylmethyldisulfox	7.63	159	3090458	9.93	ug/mL 100
14) p-Chlorophenylmethyldisulfon	7.84	111	4423115	11.72	ug/mL 100

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Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Oct 3 18:11 2012

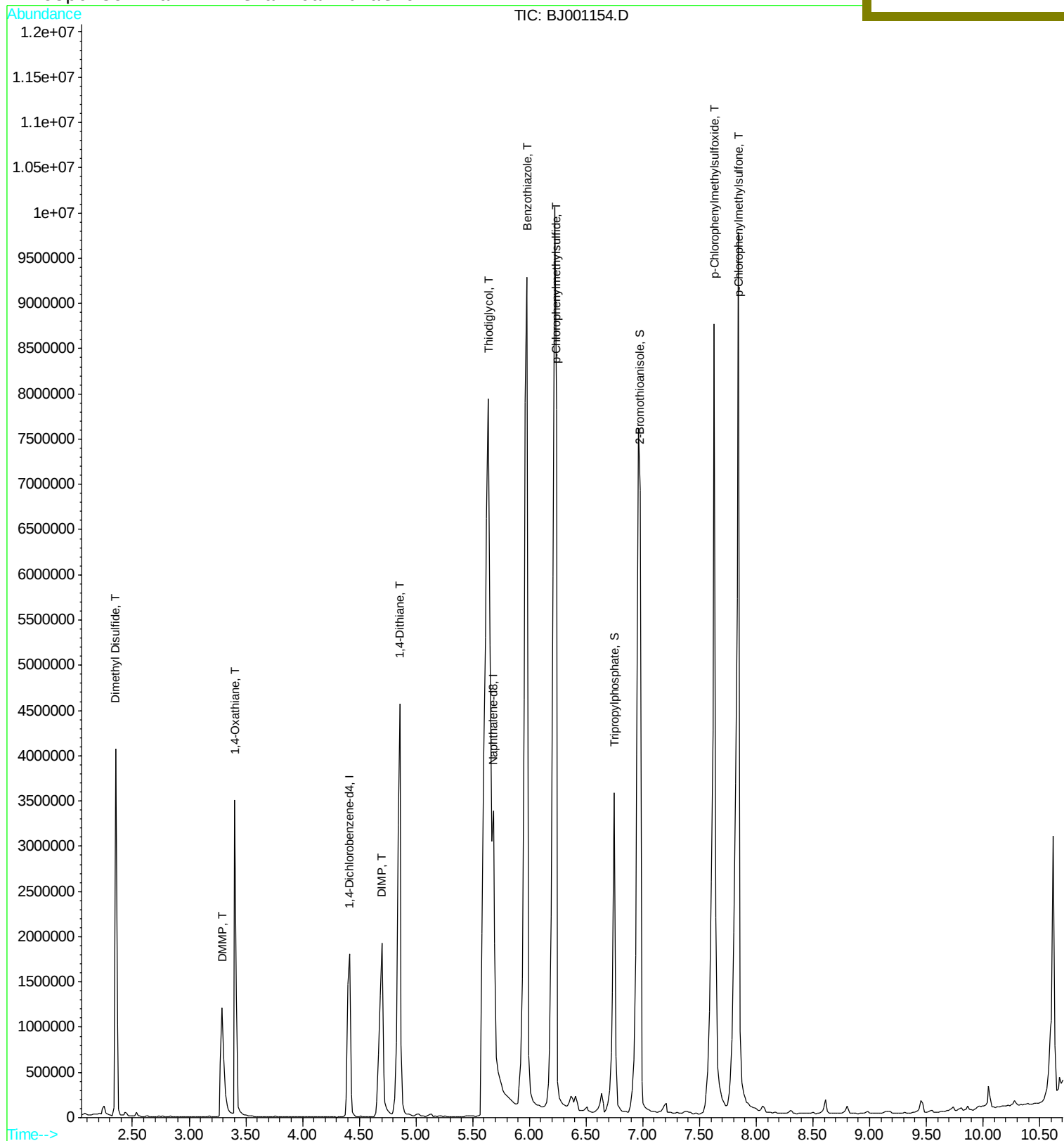
Quant Results File: BJ092412.KES

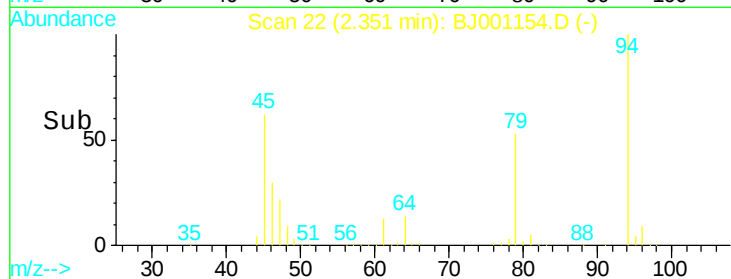
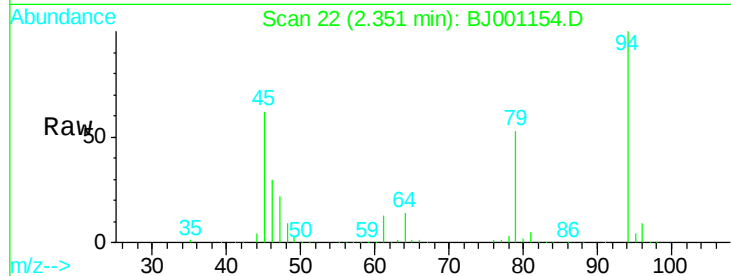
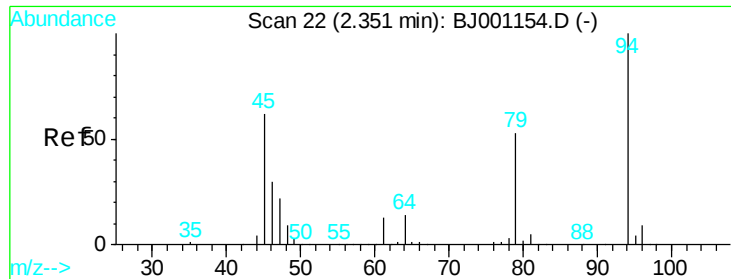
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Wed Oct 03 18:08:25 2012

Response via : Initial Calibration

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#2

Dimethyl Disulfide

Concen: 6.56 ug/mL

RT: 2.35 min Scan# 22

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion: 94 Resp: 1412714

Ion Ratio Lower Upper

94 100

45 62.3 42.3 82.3

79 53.0 33.0 73.0

Instrument :

BNA_J

LabSampleId :

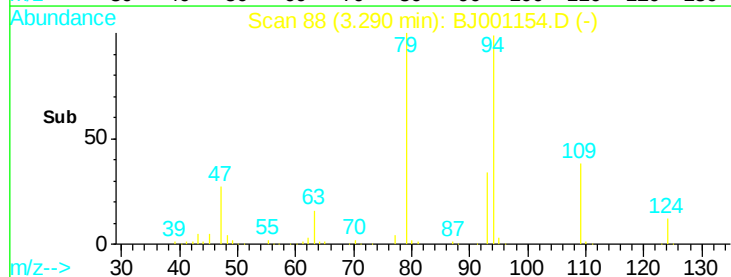
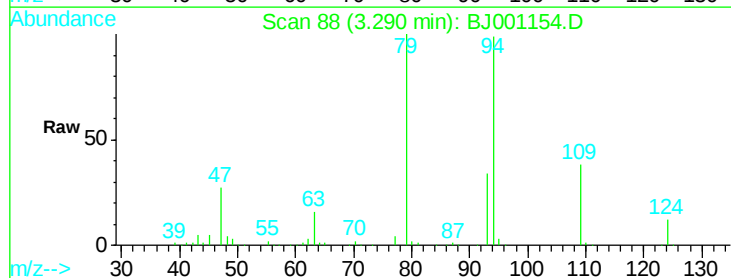
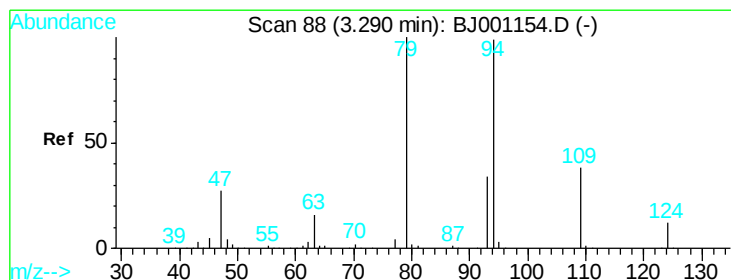
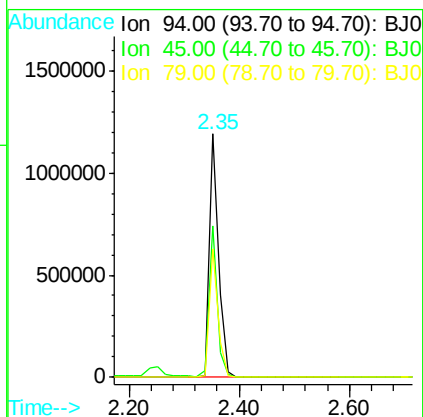
CWA-CCV

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#3

DMMP

Concen: 2.69 ug/mL

RT: 3.29 min Scan# 88

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

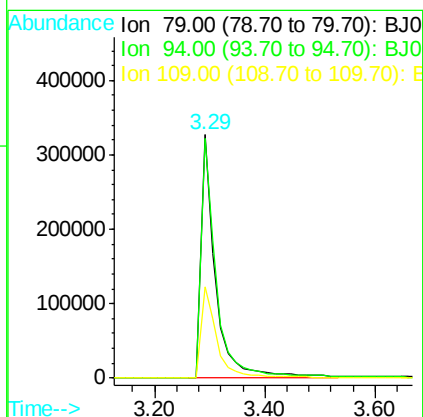
Tgt Ion: 79 Resp: 592135

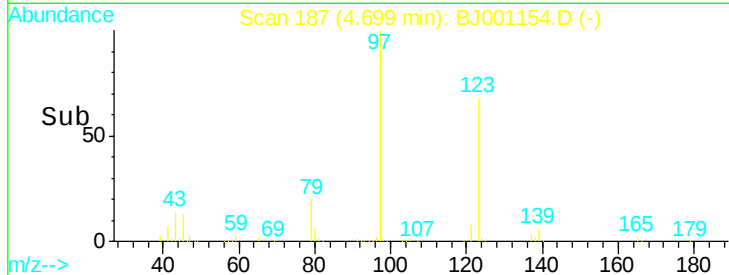
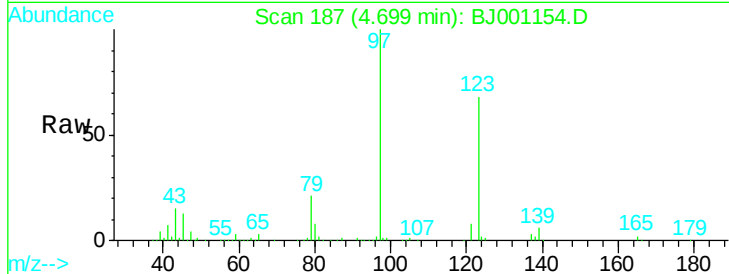
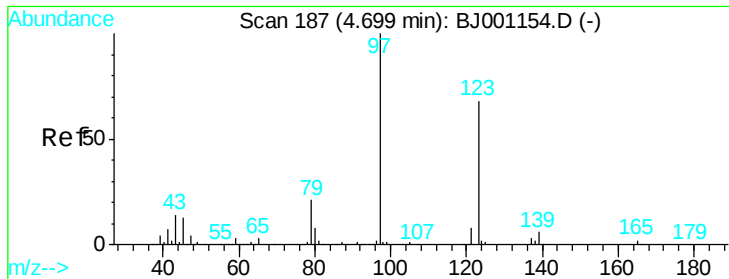
Ion Ratio Lower Upper

79 100

94 98.6 78.6 118.6

109 37.6 17.6 57.6





#4

DIMP

Concen: 2.70 ug/mL

RT: 4.70 min Scan# 187

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion: 97 Resp: 1463271

Ion Ratio Lower Upper

97 100

123 67.5 47.5 87.5

43 14.6 0.0 34.6

41 7.0 0.0 27.0

Instrument :

BNA_J

LabSampleId :

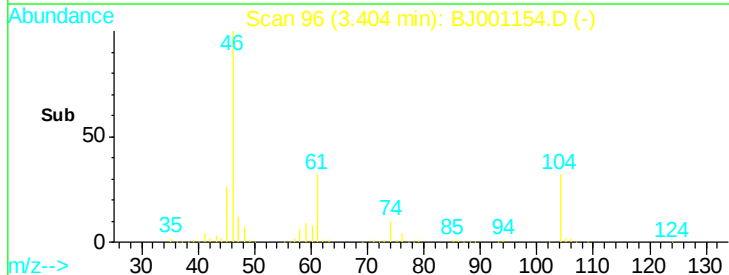
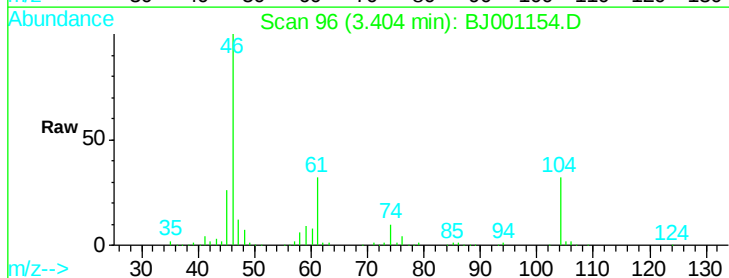
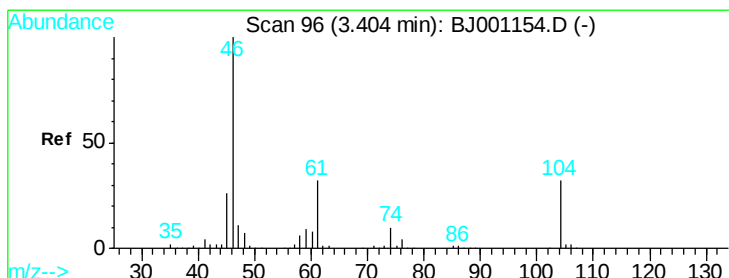
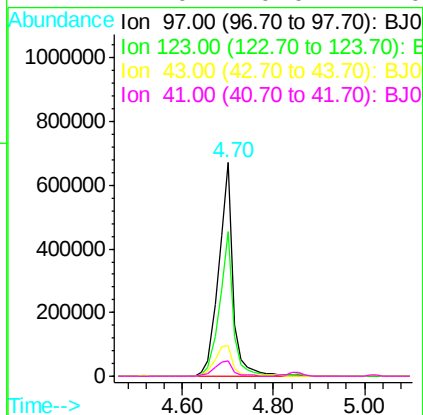
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#5

1,4-Oxathiane

Concen: 5.50 ug/mL

RT: 3.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

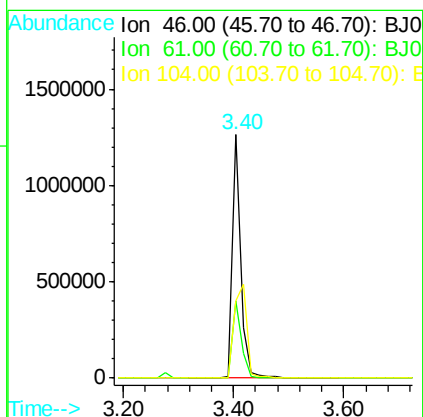
Tgt Ion: 46 Resp: 1366692

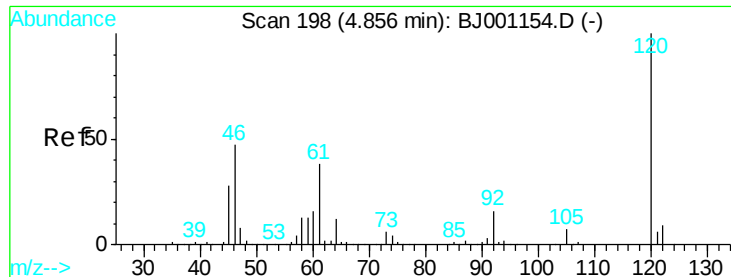
Ion Ratio Lower Upper

46 100

61 31.9 11.9 51.9

104 31.7 11.7 51.7





#7

1,4-Dithiane

Concen: 6.30 ug/mL

RT: 4.86 min Scan# 198

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion: 46 Resp: 1222237

Ion Ratio Lower Upper

46 100

61 81.8 61.8 101.8

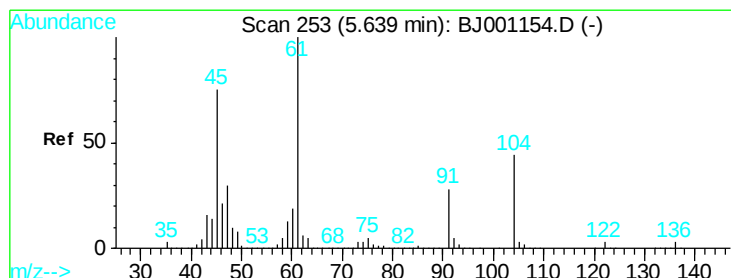
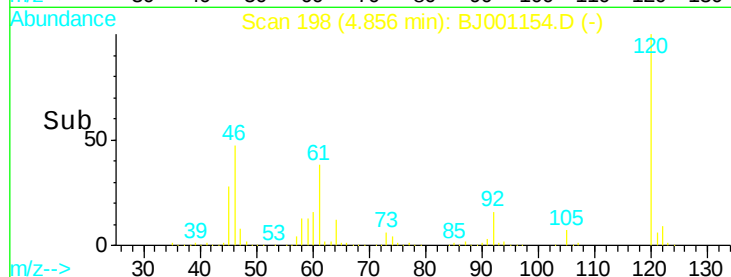
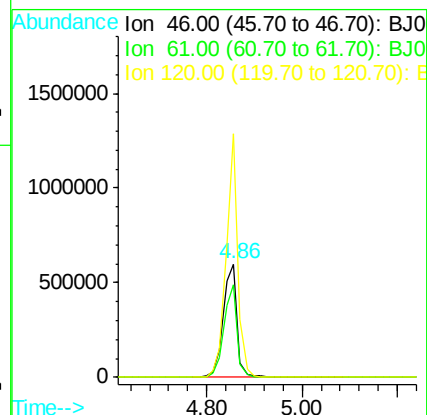
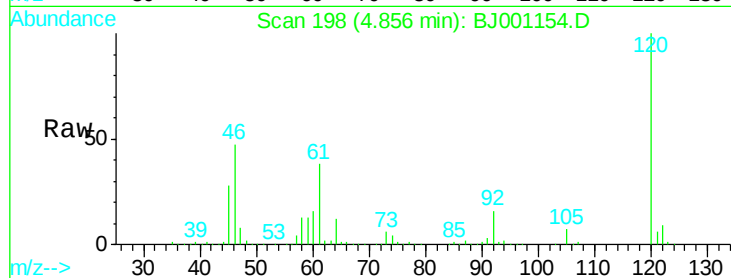
120 214.6 194.6 234.6

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#8

Thiodiglycol

Concen: 40.52 ug/mL

RT: 5.64 min Scan# 253

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

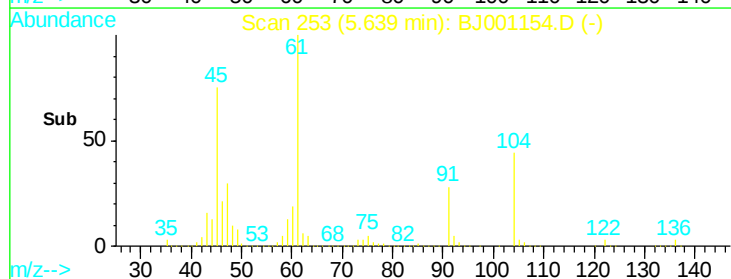
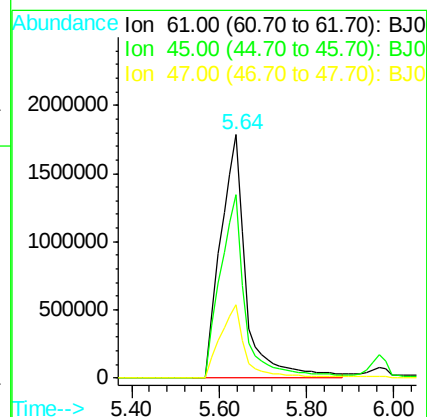
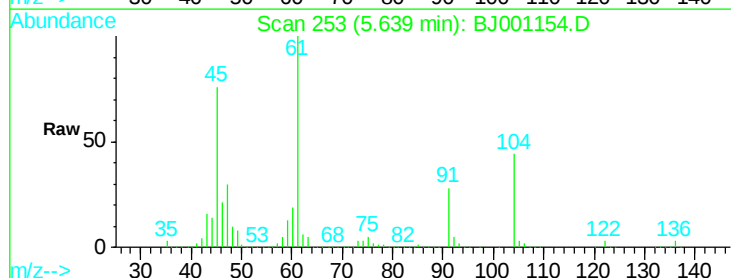
Tgt Ion: 61 Resp: 7263144

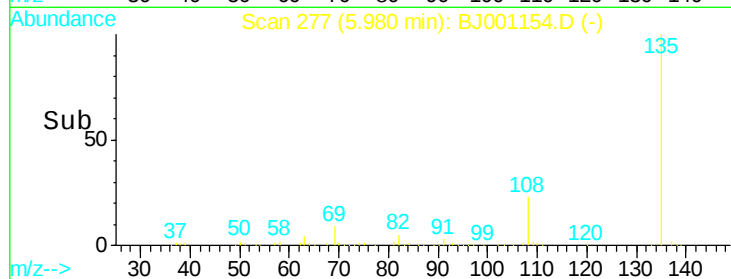
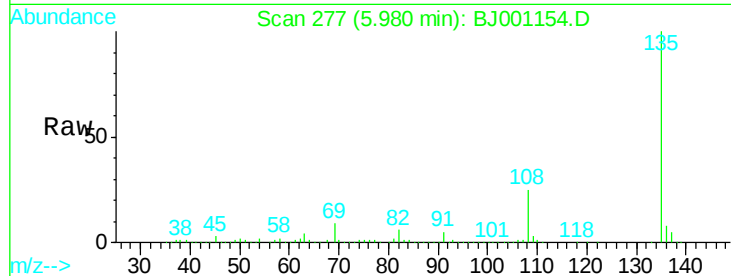
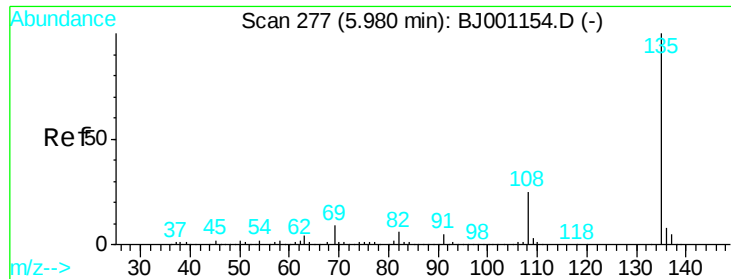
Ion Ratio Lower Upper

61 100

45 75.5 55.5 95.5

47 30.3 10.3 50.3





#9

Benzothiazole

Concen: 12.26 ug/mL

RT: 5.98 min Scan# 277

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion:135 Resp: 9114632

Ion Ratio Lower Upper

135 100

108 25.2 5.2 45.2

69 9.2 0.0 29.2

Instrument :

BNA_J

LabSampleId :

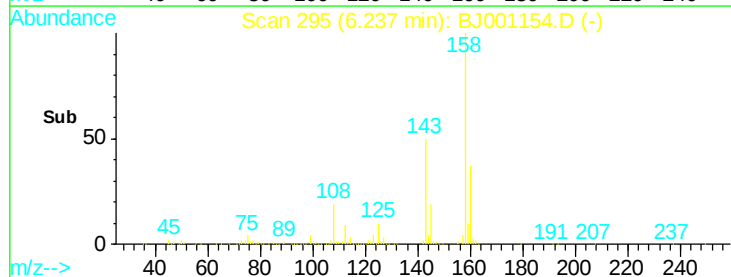
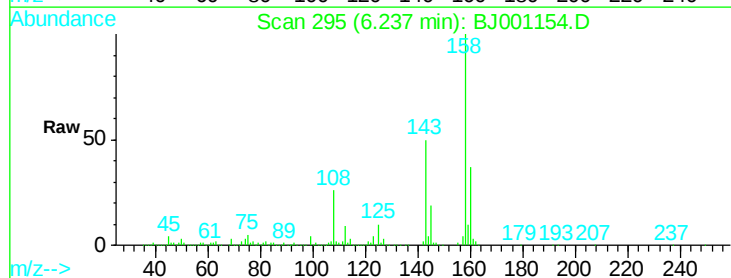
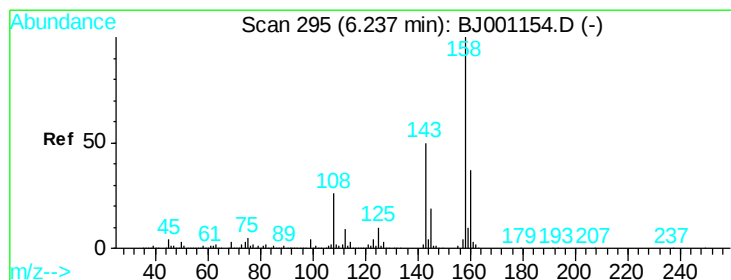
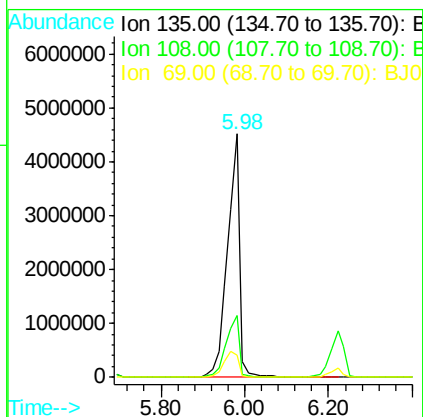
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#11

p-Chlorophenylmethylsulfide

Concen: 12.29 ug/mL

RT: 6.24 min Scan# 295

Delta R.T. 0.00 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion:158 Resp: 4990153

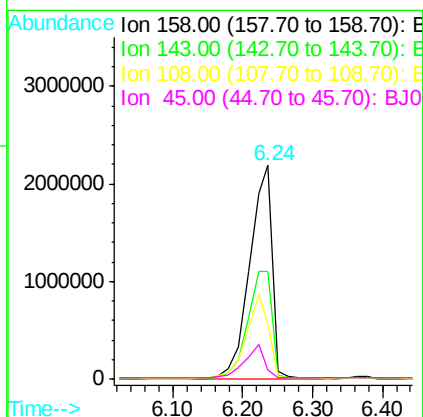
Ion Ratio Lower Upper

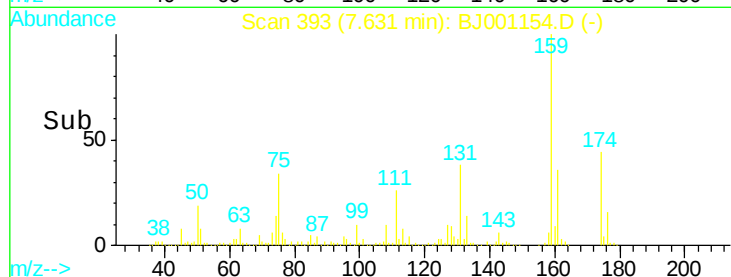
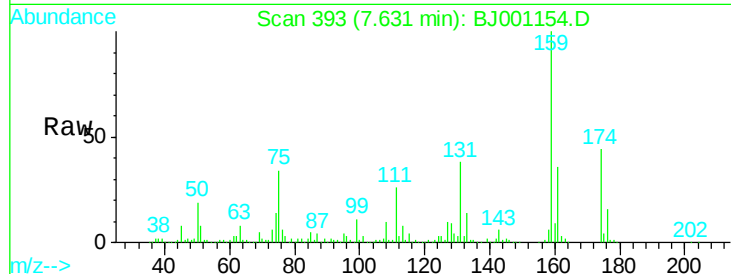
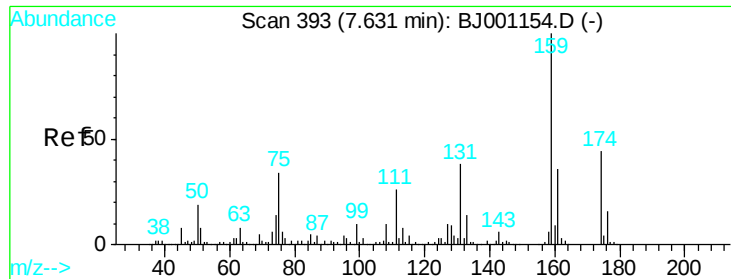
158 100

143 50.4 30.4 70.4

108 26.0 6.0 46.0

45 4.2 0.0 24.2





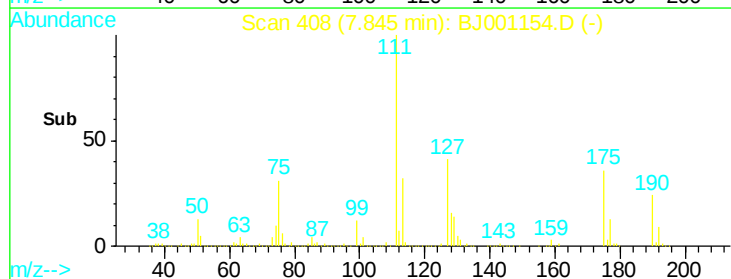
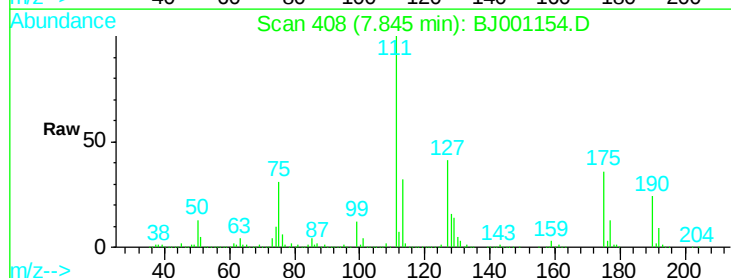
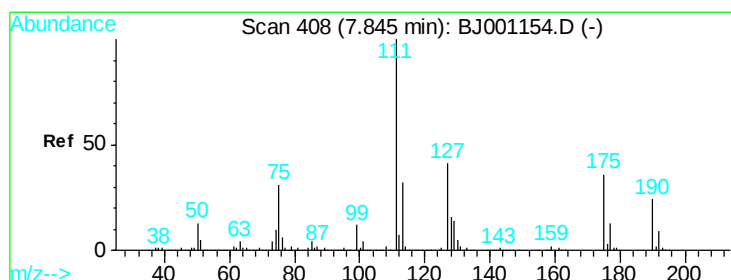
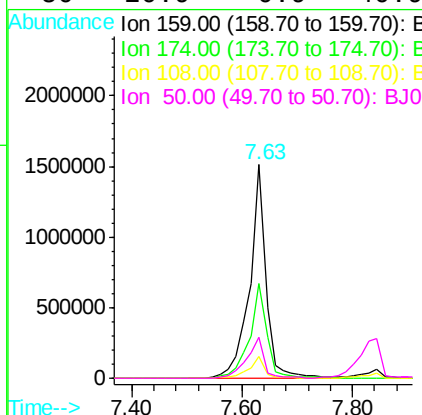
#13
p-Chlorophenylmethylsulfoxide
Concen: 9.93 ug/mL
RT: 7.63 min Scan# 393
Delta R.T. 0.00 min
Lab File: BJ001154.D
Acq: 3 Oct 2012 13:05

Instrument :
BNA_J
LabSampleId :
CWA-CCV

Tgt Ion:159 Resp: 3090458
Ion Ratio Lower Upper
159 100
174 47.0 27.0 67.0
108 9.9 0.0 29.9
50 20.9 0.9 40.9

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#14
p-Chlorophenylmethylsulfone
Concen: 11.72 ug/mL
RT: 7.84 min Scan# 408
Delta R.T. 0.00 min
Lab File: BJ001154.D
Acq: 3 Oct 2012 13:05

Tgt Ion:111 Resp: 4423115
Ion Ratio Lower Upper
111 100
75 31.0 11.0 51.0
127 41.3 21.3 61.3
190 23.9 3.9 43.9

