

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001324.D
 Acq On : 10 Dec 2012 17:36
 Sample : CWA-3
 Misc : BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 10 18:24 2012

Vial: 5
 Operator: HLM
 Inst : BNA_J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Quant Results File: BJ121012.FRES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.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	170822	2.00	ug/mL	0.00
6) Naphthalene-d8	5.64	136	810503	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.71	99	161599	0.40	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	80.00%
12) 2-Bromothioanisole	6.93	204	197690	2.93	ug/mL	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.60%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.37	94	111064	1.27	ug/mL#	81
3) DMMP	3.28	79	26097	0.30	ug/mL	99
4) DIMP	4.66	97	74309	0.38	ug/mL	89
5) 1,4-Oxathiane	3.36	46	125917	1.22	ug/mL	83
7) 1,4-Dithiane	4.80	46	103170	1.05	ug/mL	92
8) Thiodiglycol	5.58	61	480809	5.78	ug/mL	90
9) Benzothiazole	5.94	135	591695	2.61	ug/mL	92
11) p-Chlorophenylmethyldisulfide	6.18	158	351246	2.48	ug/mL	92
13) p-Chlorophenylmethyldisulfox	7.60	159	270393	2.82	ug/mL	99
14) p-Chlorophenylmethyldisulfon	7.79	111	368547	2.65	ug/mL	98

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CWA-3

KLS

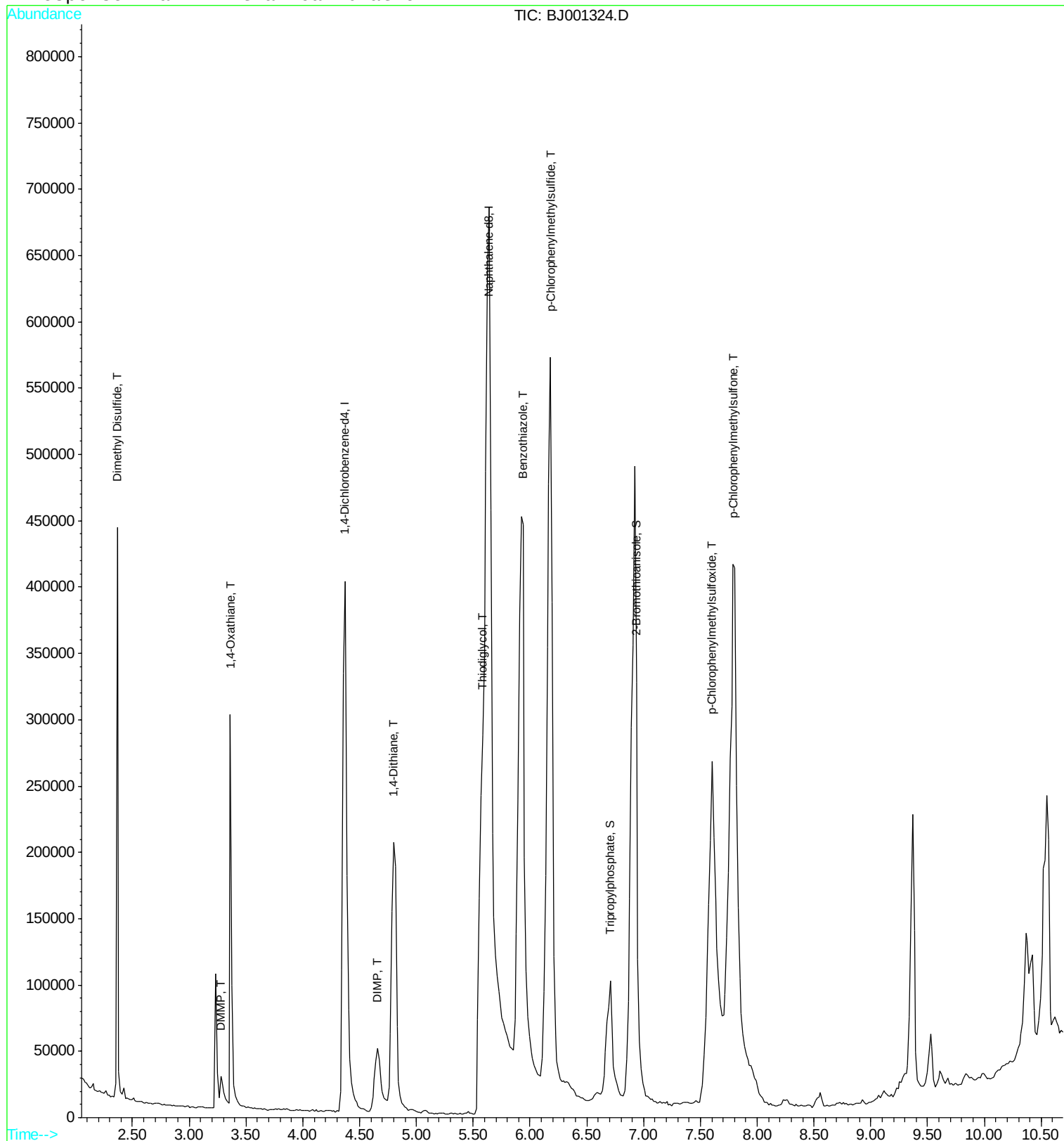
Quant Results File: BJ121012.KLS

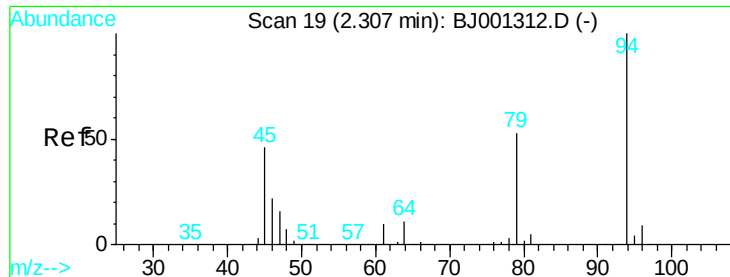
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Wed Dec 05 11:26:13 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.27 ug/mL

RT: 2.37 min Scan# 23

Delta R.T. 0.06 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

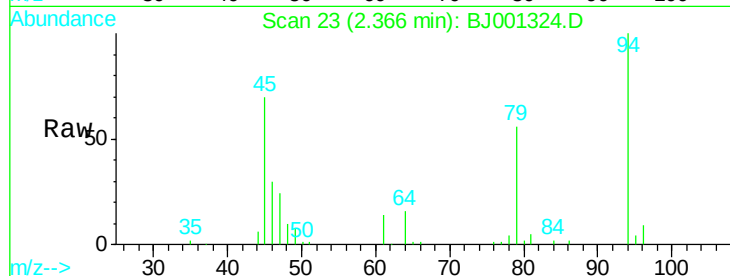
Tgt Ion: 94 Resp: 111064

Ion Ratio Lower Upper

94 100

45 70.0 26.5 66.5#

79 56.4 33.4 73.4

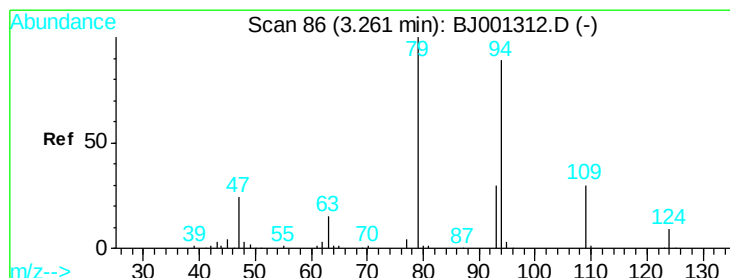
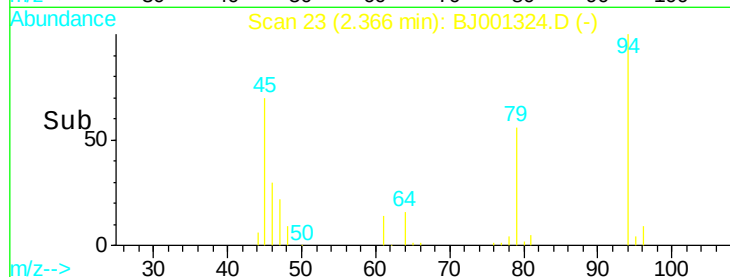
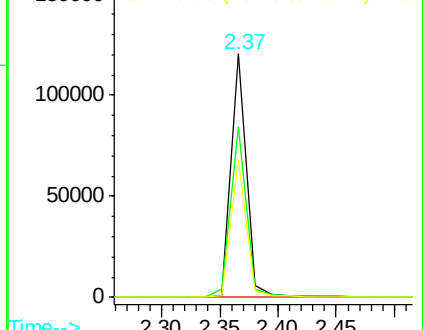


Abundance

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: 0.30 ug/mL

RT: 3.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

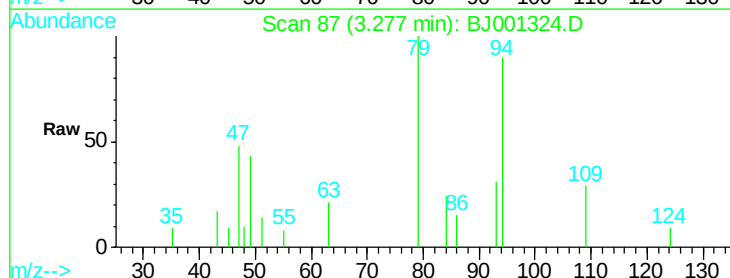
Tgt Ion: 79 Resp: 26097

Ion Ratio Lower Upper

79 100

94 89.9 69.1 109.1

109 28.8 10.5 50.5

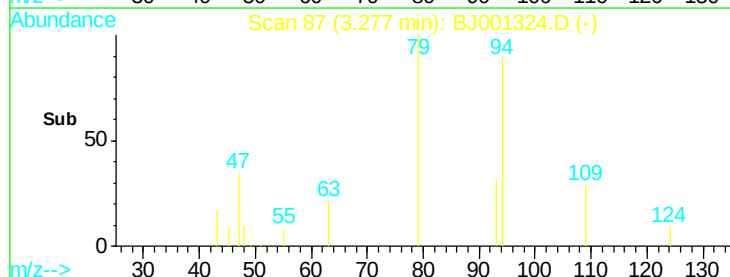
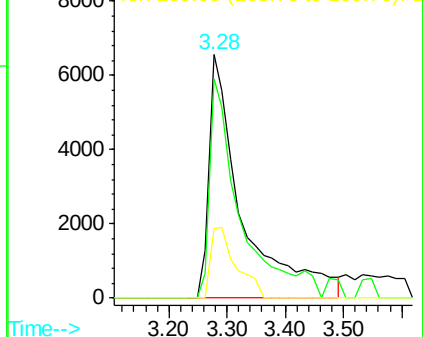


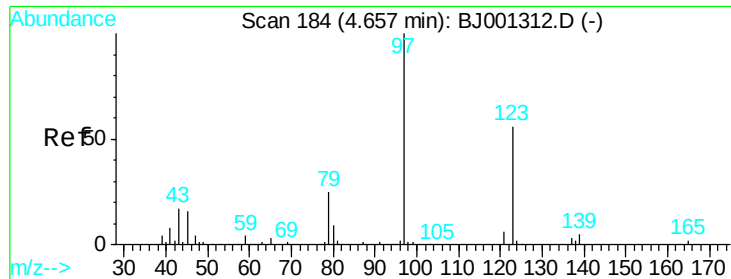
Abundance

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: 0.38 ug/mL

RT: 4.66 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

Tgt Ion: 97 Resp: 74309

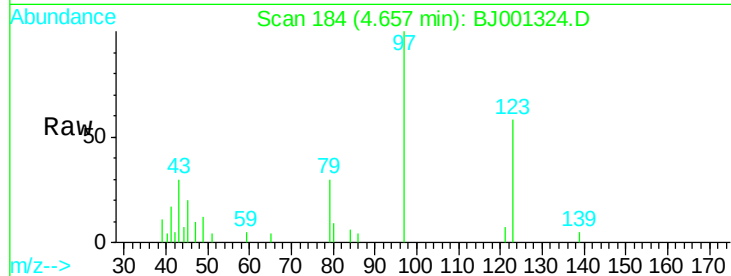
Ion Ratio Lower Upper

97 100

123 58.5 36.4 76.4

43 29.9 0.0 37.2

41 17.1 0.0 28.0



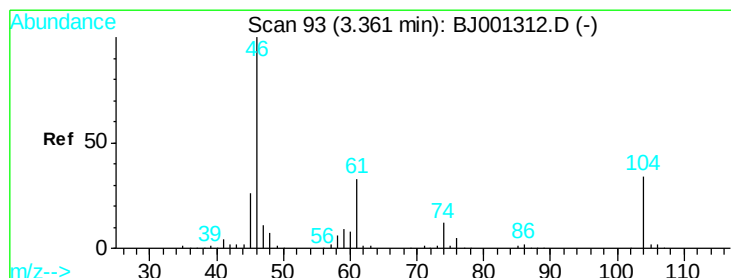
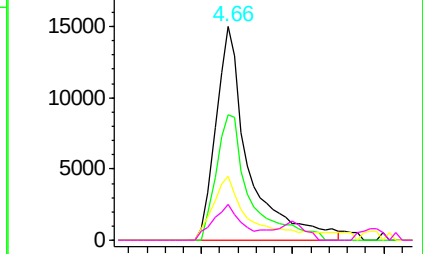
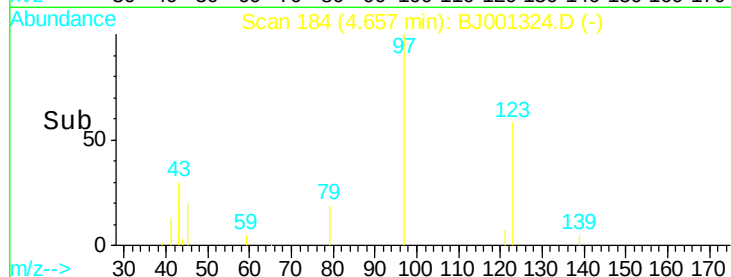
Abundance

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: 1.22 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

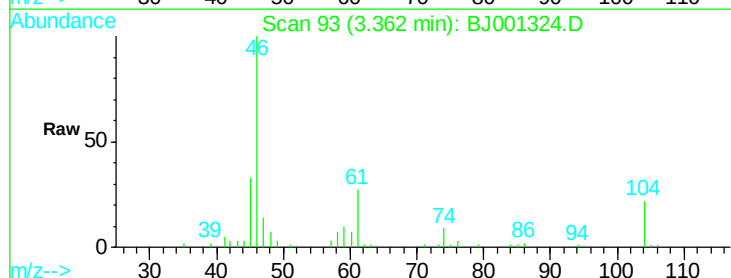
Tgt Ion: 46 Resp: 125917

Ion Ratio Lower Upper

46 100

61 26.7 13.2 53.2

104 21.8 14.2 54.2

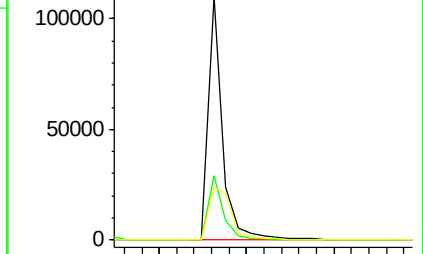
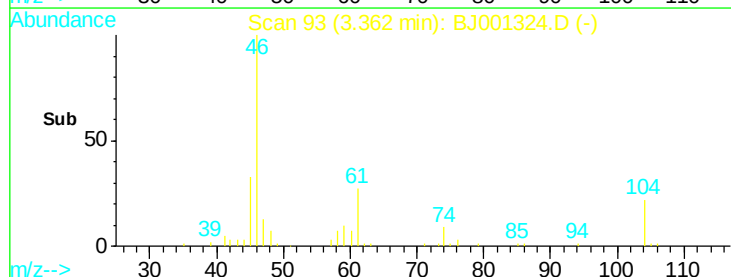


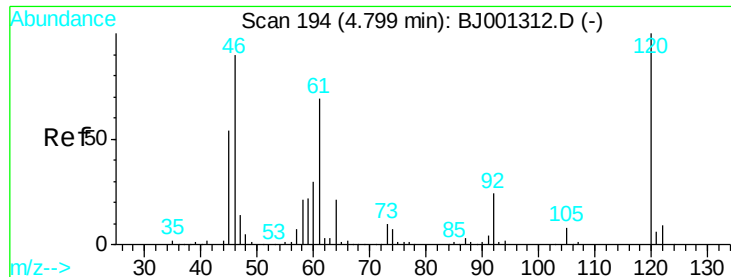
Abundance

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: 1.05 ug/mL

RT: 4.80 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

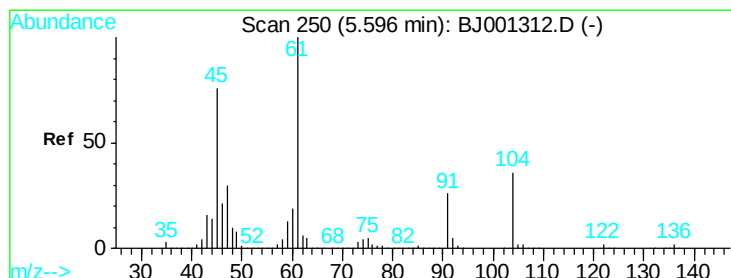
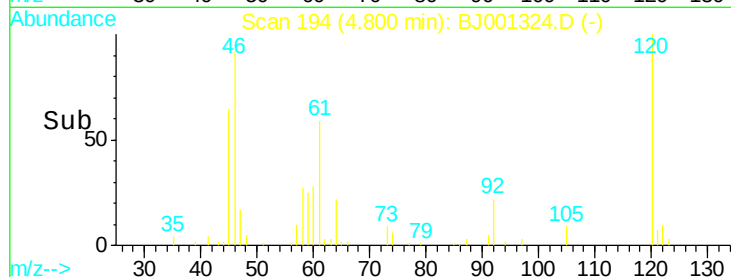
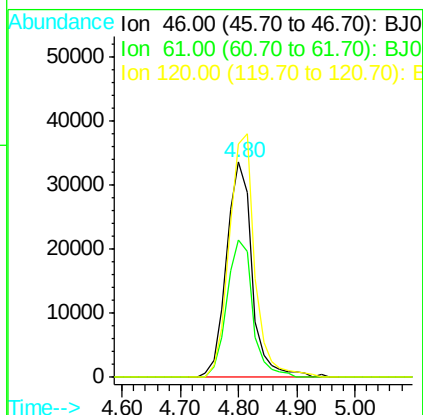
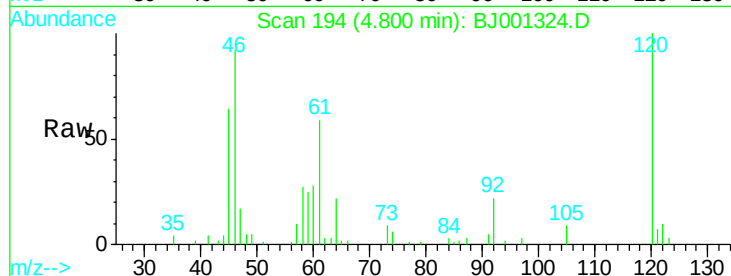
Tgt Ion: 46 Resp: 103170

Ion Ratio Lower Upper

46 100

61 64.0 57.0 97.0

120 108.3 91.5 131.5



#8

Thiodiglycol

Concen: 5.78 ug/mL

RT: 5.58 min Scan# 249

Delta R.T. -0.01 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

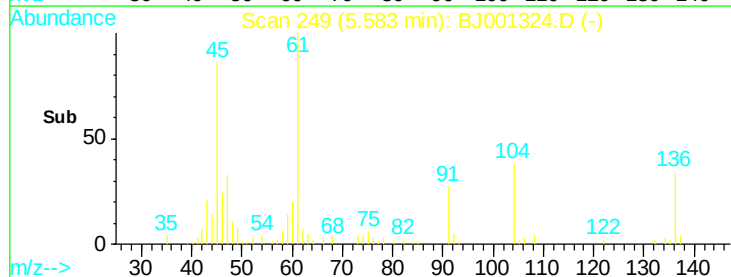
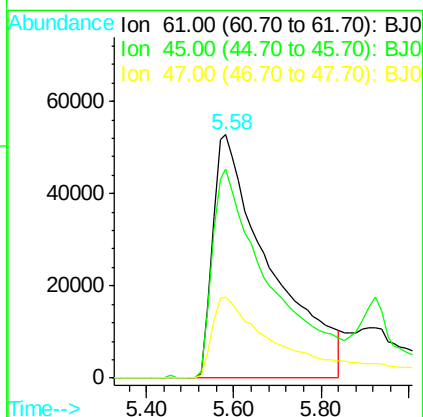
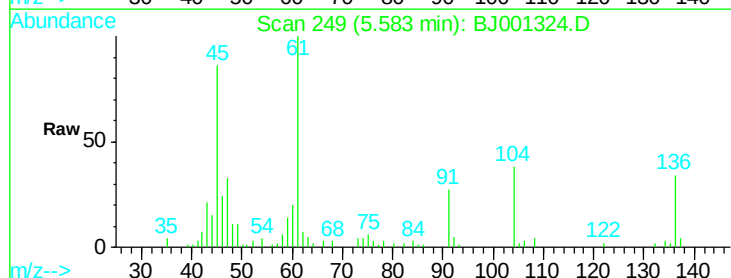
Tgt Ion: 61 Resp: 480809

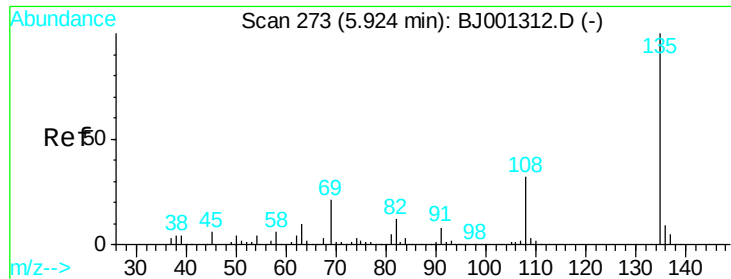
Ion Ratio Lower Upper

61 100

45 86.1 56.0 96.0

47 33.2 10.0 50.0





#9

Benzothiazole

Concen: 2.61 ug/mL

RT: 5.94 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

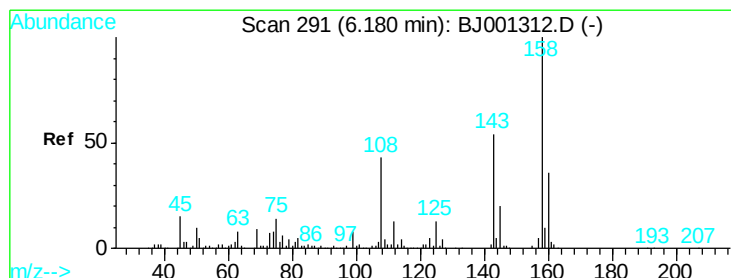
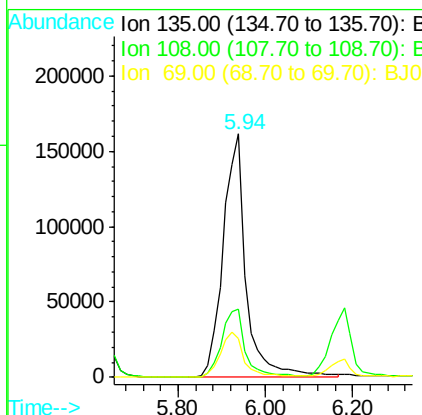
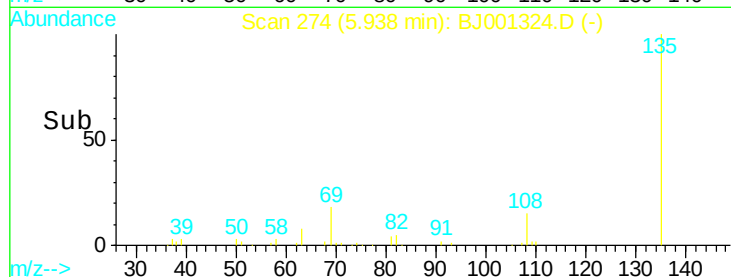
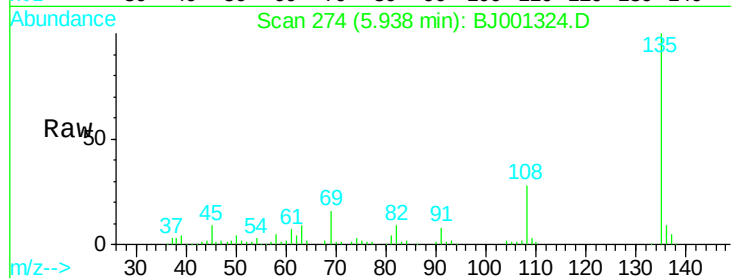
Tgt Ion:135 Resp: 591695

Ion Ratio Lower Upper

135 100

108 28.2 12.0 52.0

69 16.0 1.1 41.1



#11

p-Chlorophenylmethylsulfide

Concen: 2.48 ug/mL

RT: 6.18 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Tgt Ion:158 Resp: 351246

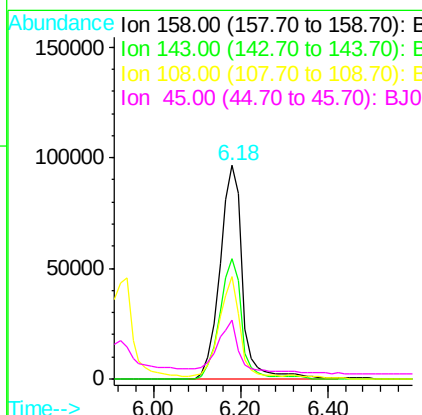
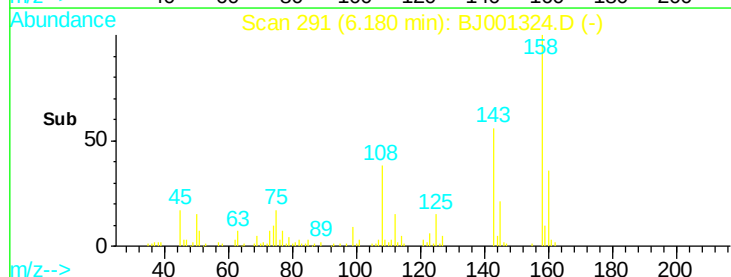
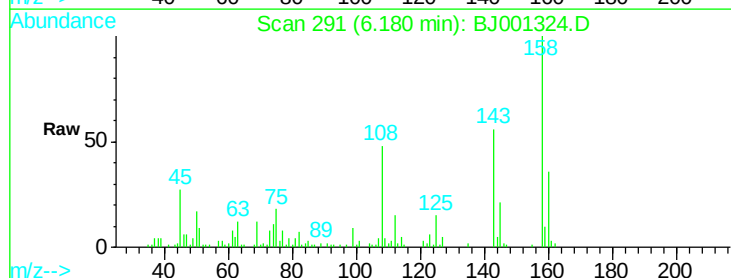
Ion Ratio Lower Upper

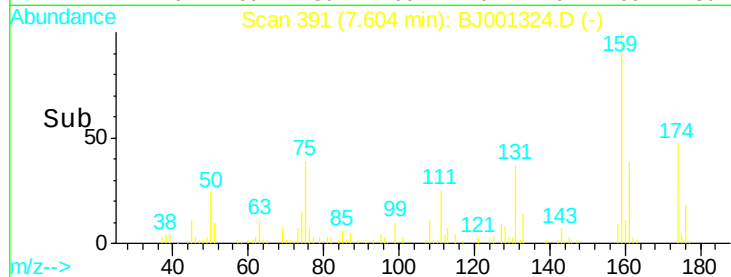
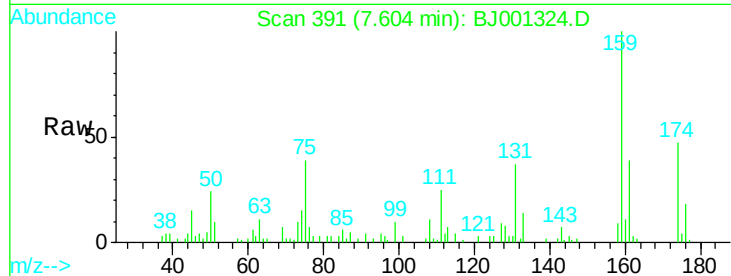
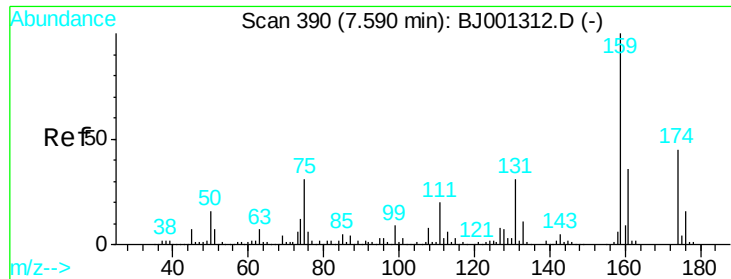
158 100

143 56.4 34.4 74.4

108 47.9 22.9 62.9

45 27.3 0.0 36.9

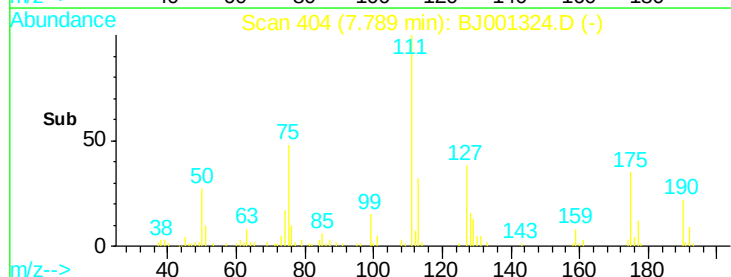
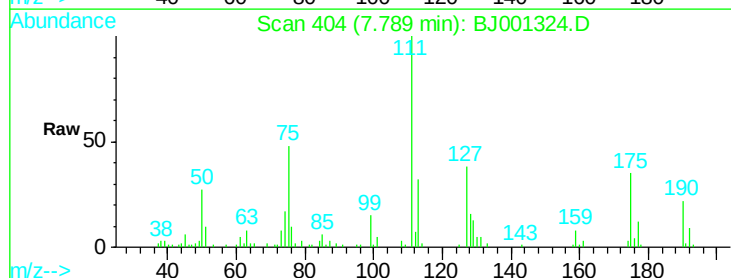
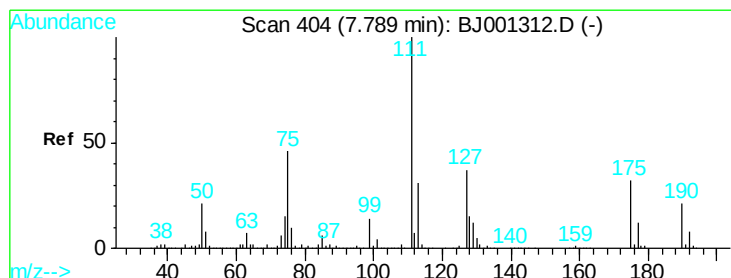
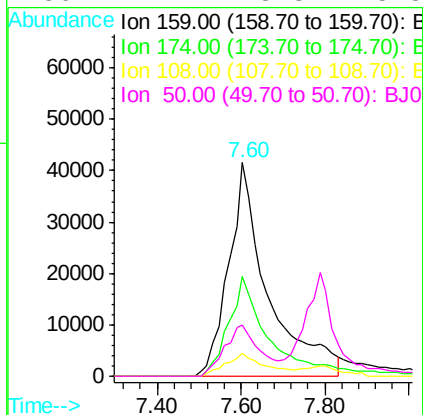




#13
p-Chlorophenylmethylsulfoxide
Concen: 2.82 ug/mL
RT: 7.60 min Scan# 391
Delta R.T. 0.01 min
Lab File: BJ001324.D
Acq: 10 Dec 2012 17:36

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion:	159	Resp:	270393
Ion	Ratio	Lower	Upper
159	100		
174	46.4	26.4	66.4
108	10.4	0.0	29.6
50	21.4	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 2.65 ug/mL
RT: 7.79 min Scan# 404
Delta R.T. -0.00 min
Lab File: BJ001324.D
Acq: 10 Dec 2012 17:36

Tgt Ion:	111	Resp:	368547
Ion	Ratio	Lower	Upper
111	100		
75	48.3	27.3	67.3
127	38.0	17.0	57.0
190	22.2	0.8	40.8

