

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001321.D
 Acq On : 10 Dec 2012 16:30
 Sample : CWA-4
 Misc : BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 10 18:24 2012

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

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Quant Results File: BJ121012.F

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	213844	2.00	ug/mL	0.00
6) Naphthalene-d8	5.64	136	898729	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.70	99	1044944	2.33	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	466.00%#
12) 2-Bromothioanisole	6.93	204	1059566	14.16	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	283.20%#

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.33	94	472502	4.04	ug/mL	87
3) DMMP	3.26	79	215695	1.96	ug/mL	88
4) DIMP	4.65	97	524899	2.12	ug/mL	91
5) 1,4-Oxathiane	3.37	46	766573	5.94	ug/mL	92
7) 1,4-Dithiane	4.81	46	624324	5.73	ug/mL	92
8) Thiodiglycol	5.59	61	2991373	32.43	ug/mL	83
9) Benzothiazole	5.93	135	3086586	12.30	ug/mL	93
11) p-Chlorophenylmethyldisulfide	6.18	158	1744472	11.10	ug/mL	84
13) p-Chlorophenylmethyldisulfox	7.58	159	1505547	14.17	ug/mL	97
14) p-Chlorophenylmethyldisulfon	7.78	111	2000165	12.98	ug/mL	96

Quantitation Report

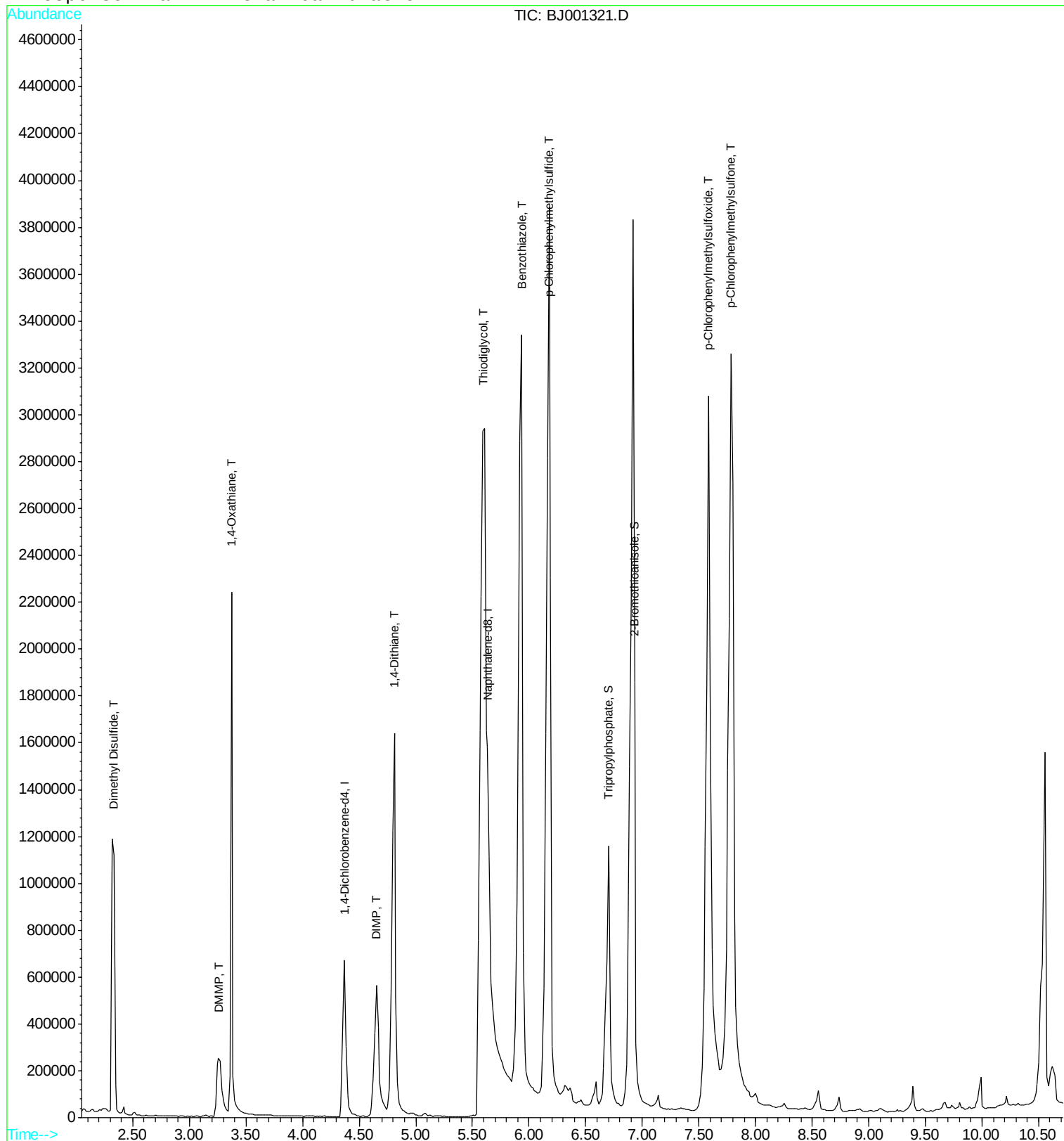
Data File : H:\VOL1\GCMSDATA\J\121210\BJ001321.D
 Acq On : 10 Dec 2012 16:30
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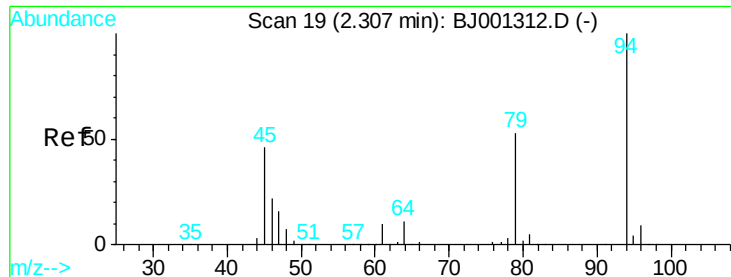
Vial: 2
 Operator: HLM
 Inst : BNA_J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Quant Results File: BJ121012.KES

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: 4.04 ug/mL

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

Instrument :

BNA_J

LabSampleId :

CWA-4

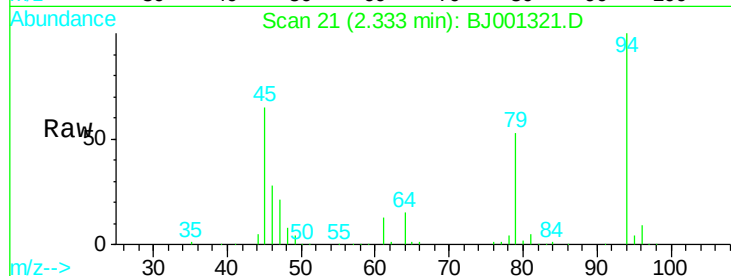
Tgt Ion: 94 Resp: 472502

Ion Ratio Lower Upper

94 100

45 65.5 26.5 66.5

79 53.1 33.4 73.4

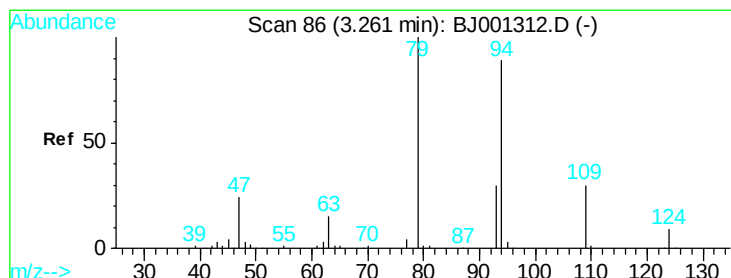
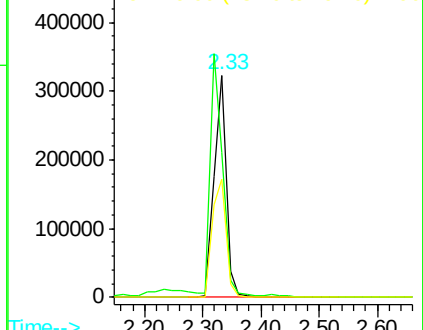
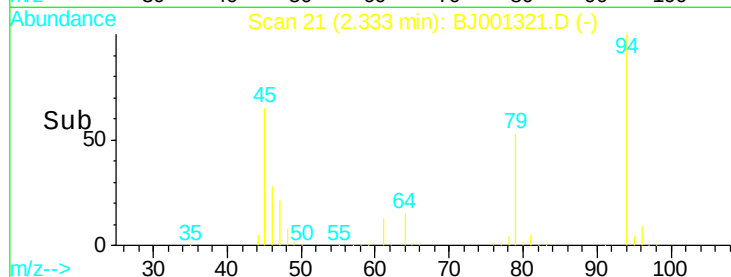


Abundance

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: 1.96 ug/mL

RT: 3.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

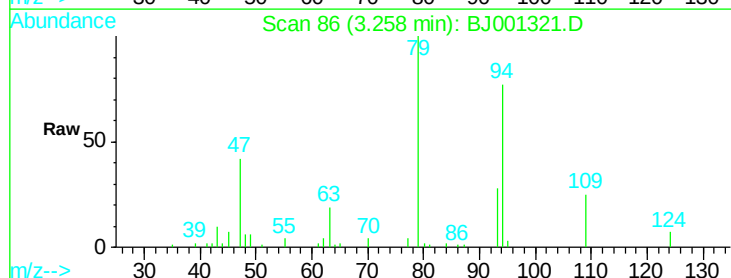
Tgt Ion: 79 Resp: 215695

Ion Ratio Lower Upper

79 100

94 77.5 69.1 109.1

109 25.1 10.5 50.5

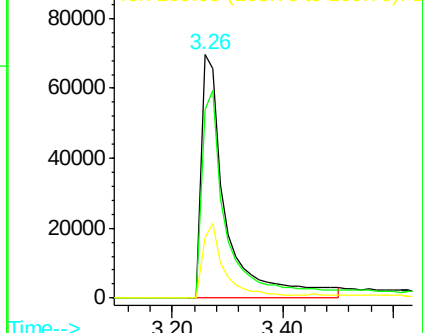
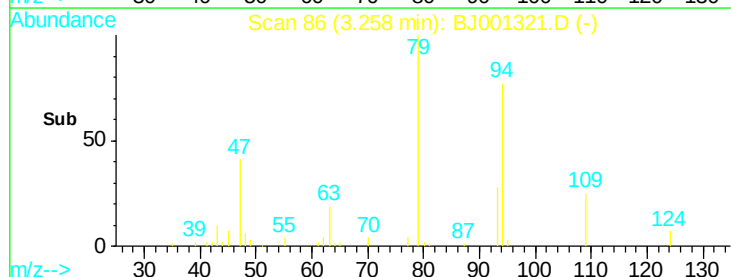


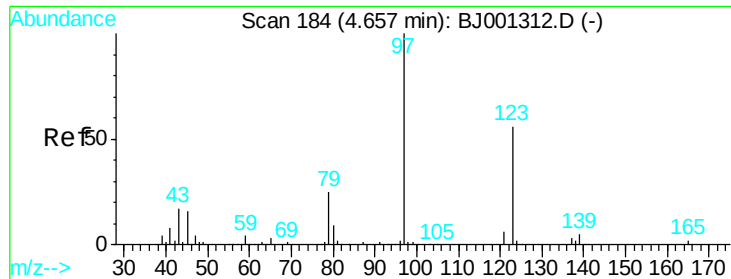
Abundance

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: 2.12 ug/mL

RT: 4.65 min Scan# 184

Delta R.T. -0.00 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 97 Resp: 524899

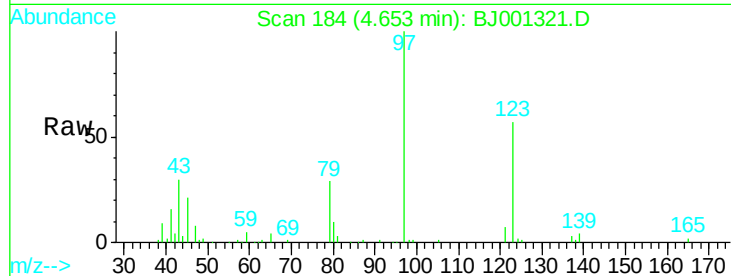
Ion Ratio Lower Upper

97 100

123 56.7 36.4 76.4

43 30.4 0.0 37.2

41 15.8 0.0 28.0



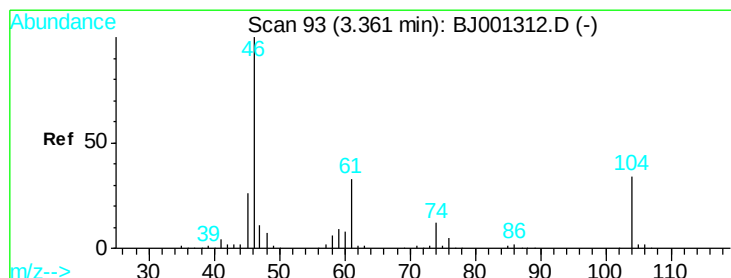
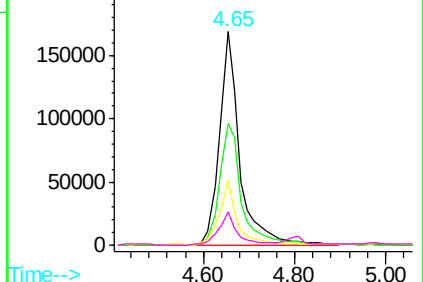
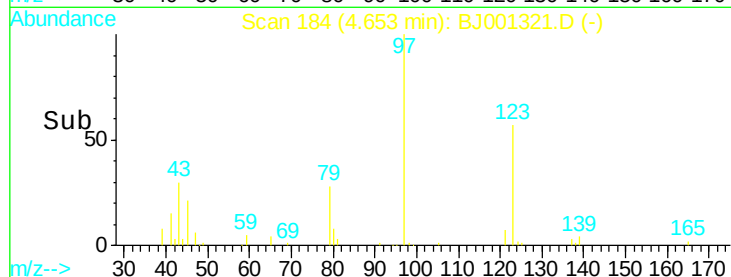
Abundance

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: 5.94 ug/mL

RT: 3.37 min Scan# 94

Delta R.T. 0.01 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

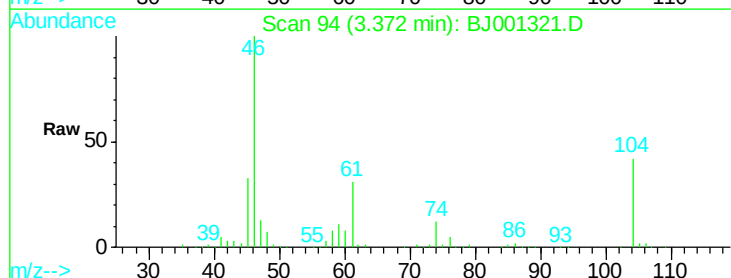
Tgt Ion: 46 Resp: 766573

Ion Ratio Lower Upper

46 100

61 31.3 13.2 53.2

104 41.7 14.2 54.2

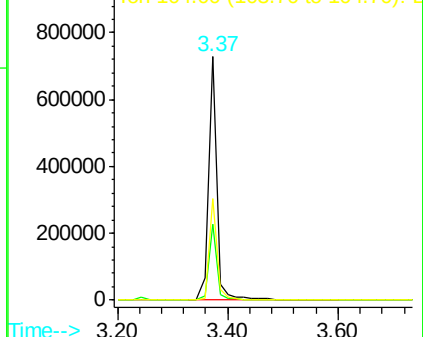
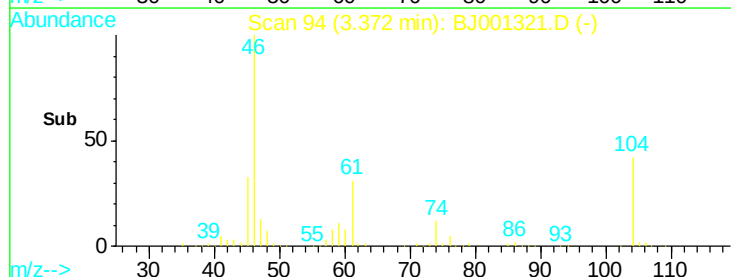


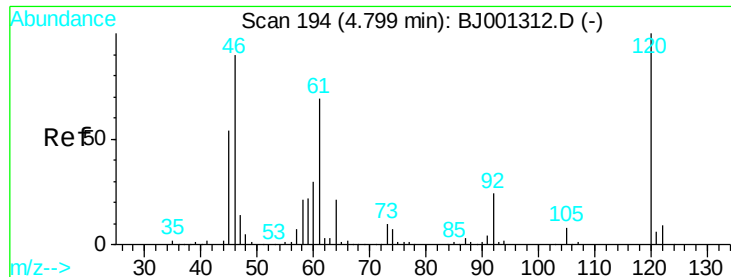
Abundance

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: 5.73 ug/mL

RT: 4.81 min Scan# 195

Delta R.T. 0.01 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

Instrument :

BNA_J

LabSampleId :

CWA-4

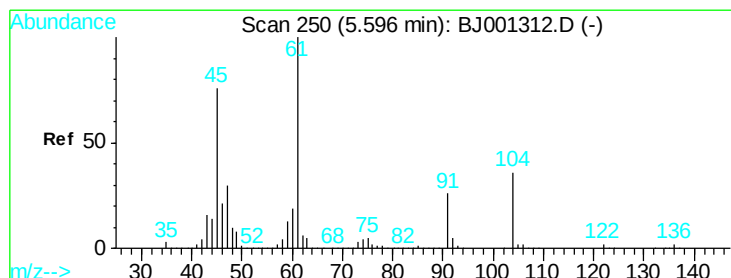
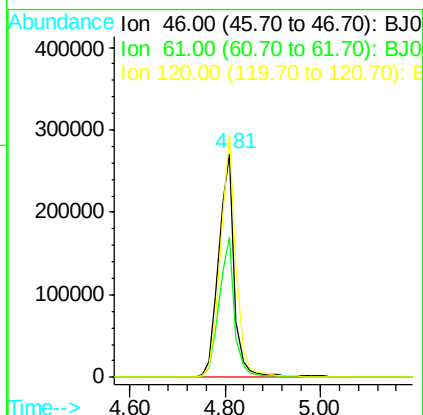
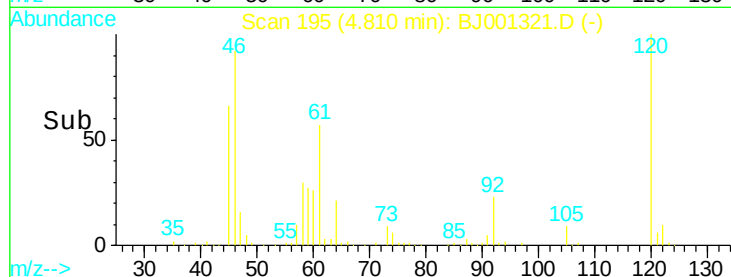
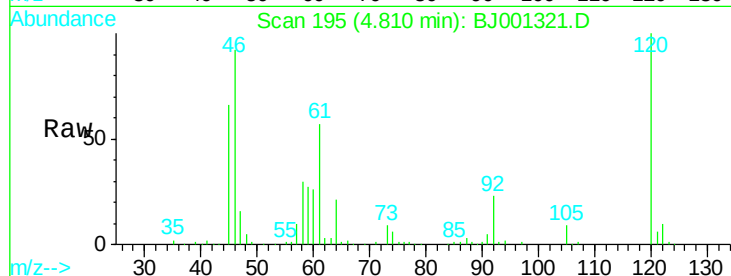
Tgt Ion: 46 Resp: 624324

Ion Ratio Lower Upper

46 100

61 62.5 57.0 97.0

120 108.9 91.5 131.5



#8

Thiodiglycol

Concen: 32.43 ug/mL

RT: 5.59 min Scan# 250

Delta R.T. -0.00 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

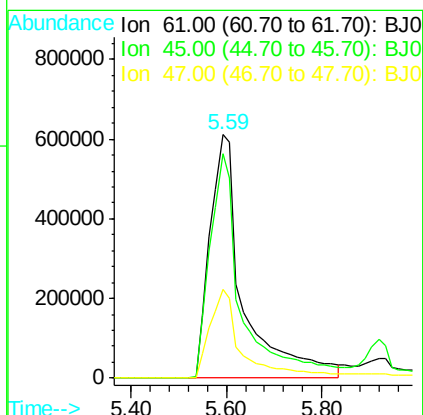
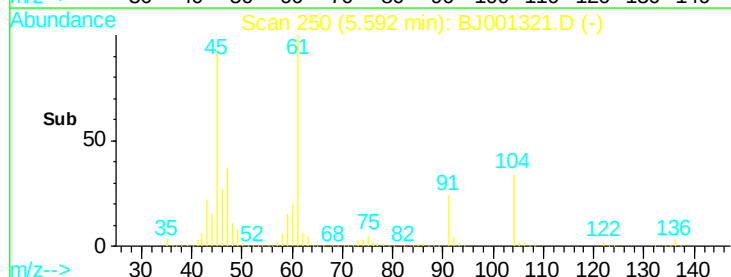
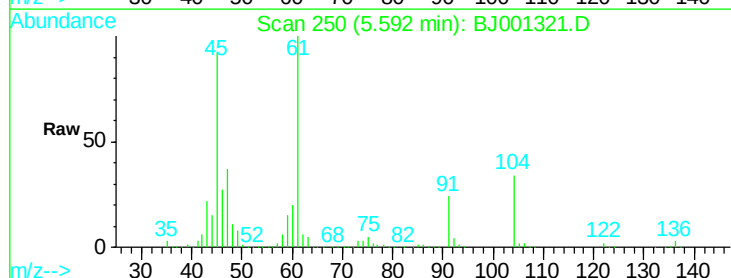
Tgt Ion: 61 Resp: 2991373

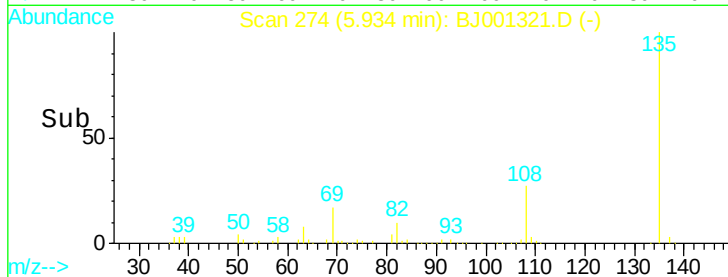
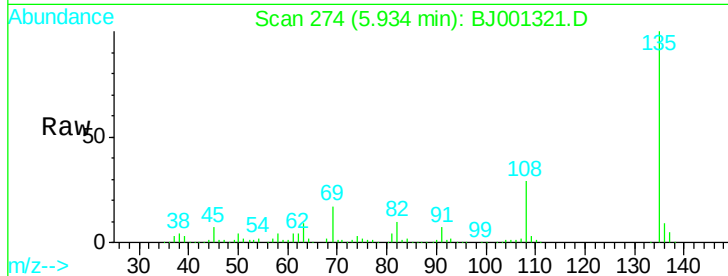
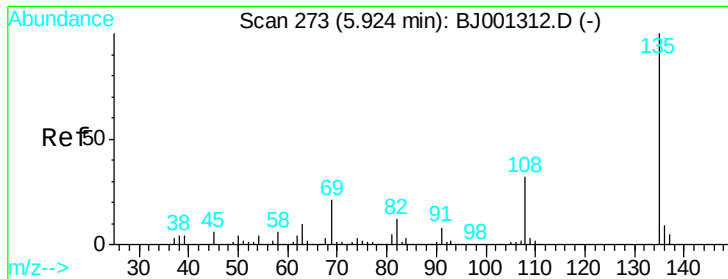
Ion Ratio Lower Upper

61 100

45 92.0 56.0 96.0

47 36.6 10.0 50.0





#9

Benzothiazole

Concen: 12.30 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

Instrument :

BNA_J

LabSampleId :

CWA-4

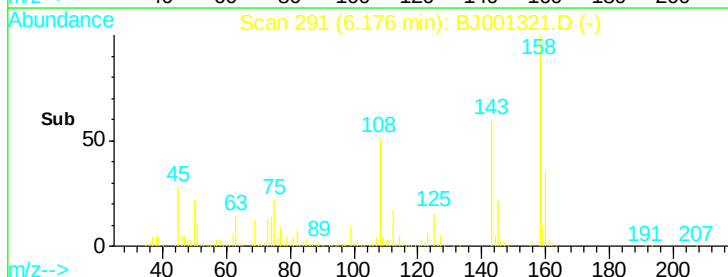
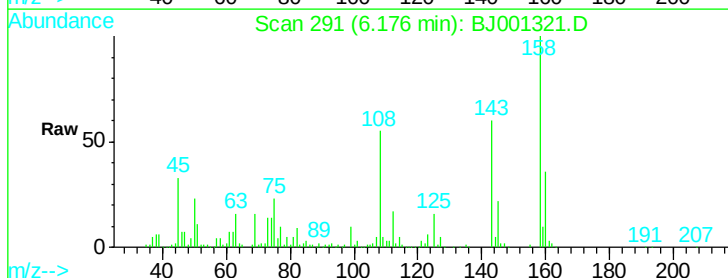
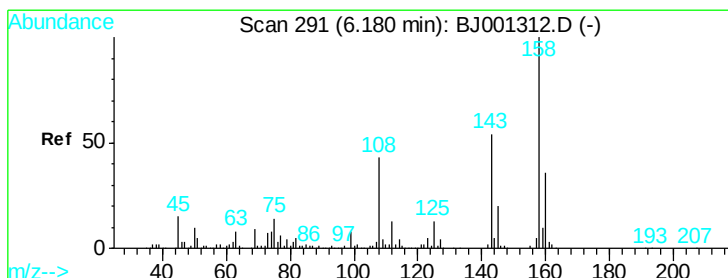
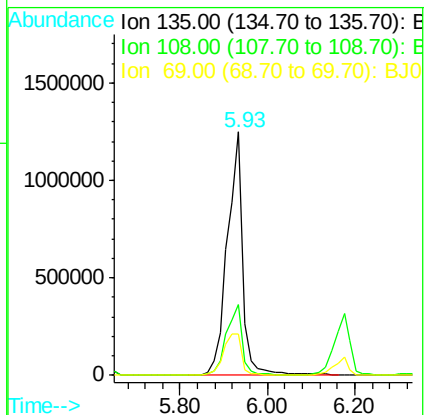
Tgt Ion:135 Resp: 3086586

Ion Ratio Lower Upper

135 100

108 29.0 12.0 52.0

69 17.1 1.1 41.1



#11

p-Chlorophenylmethylsulfide

Concen: 11.10 ug/mL

RT: 6.18 min Scan# 291

Delta R.T. -0.00 min

Lab File: BJ001321.D

Acq: 10 Dec 2012 16:30

Tgt Ion:158 Resp: 1744472

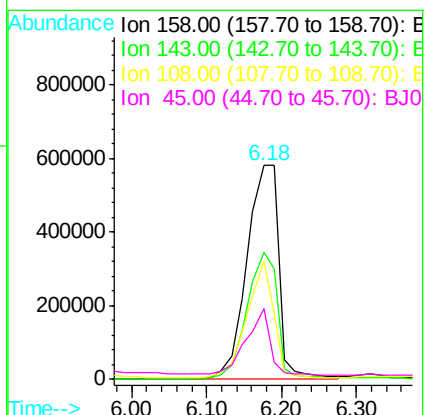
Ion Ratio Lower Upper

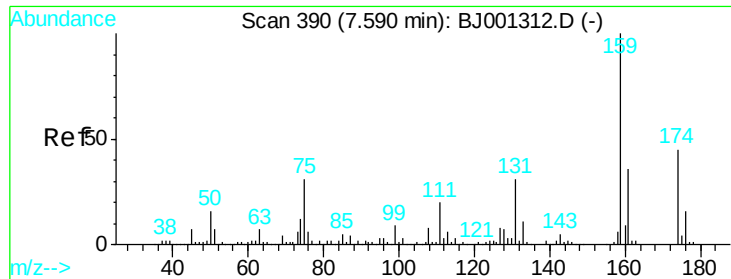
158 100

143 59.6 34.4 74.4

108 54.9 22.9 62.9

45 33.1 0.0 36.9



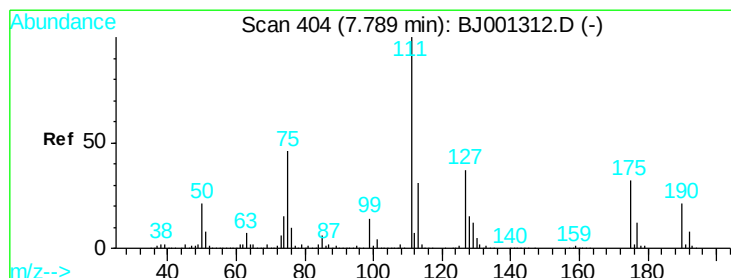
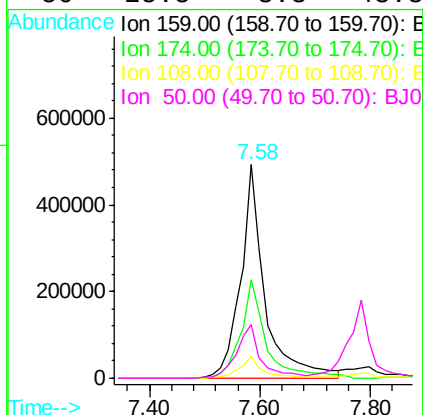
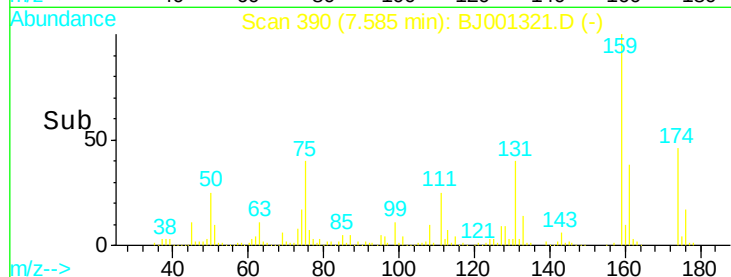
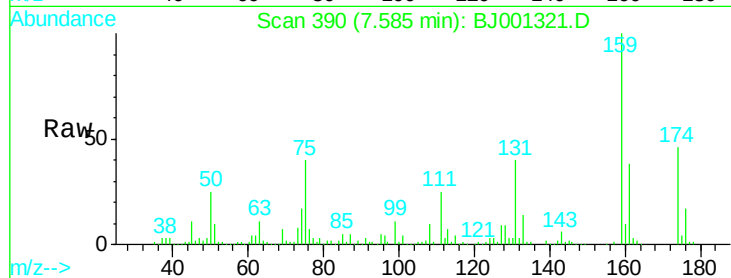


#13
p-Chlorophenylmethylsulfoxide
Concen: 14.17 ug/mL
RT: 7.58 min Scan# 390
Delta R.T. -0.00 min
Lab File: BJ001321.D
Acq: 10 Dec 2012 16:30

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:159 Resp: 1505547

Ion	Ratio	Lower	Upper
159	100		
174	48.1	26.4	66.4
108	9.6	0.0	29.6
50	25.5	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 12.98 ug/mL
RT: 7.78 min Scan# 404
Delta R.T. -0.00 min
Lab File: BJ001321.D
Acq: 10 Dec 2012 16:30

Tgt Ion:111 Resp: 2000165

Ion	Ratio	Lower	Upper
111	100		
75	52.3	27.3	67.3
127	36.5	17.0	57.0
190	21.6	0.8	40.8

