

Data File : H:\VOL1\GCMSDATA\J\121204\BJ001314.D
 Acq On : 4 Dec 2012 17:23
 Sample : PB67200BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 5 11:27 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 PB67200BS

Quant Results File: BJ112712.KES

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	4.36	152	238528	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.63	136	955865	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	6.70	99	218134	0.46	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
12) 2-Bromothioanisole	6.92	204	390443	4.91	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.21	94	19221	0.31	ug/mL#	71
3) DMMP	3.28	79	347734	2.83	ug/mL	94
4) DIMP	4.65	97	494053	1.79	ug/mL	95
5) 1,4-Oxathiane	3.41	46	608979	4.23	ug/mL	78
7) 1,4-Dithiane	4.79	46	513471	4.43	ug/mL	96
8) Thiodiglycol	5.56	61	3550441	36.19	ug/mL	98
9) Benzothiazole	5.91	135	2747477	10.29	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.17	158	1565279	9.36	ug/mL	98
13) p-Chlorophenylmethyldisulfox	7.59	159	1155441	10.23	ug/mL	98
14) p-Chlorophenylmethyldisulfon	7.79	111	1516711	9.25	ug/mL	93

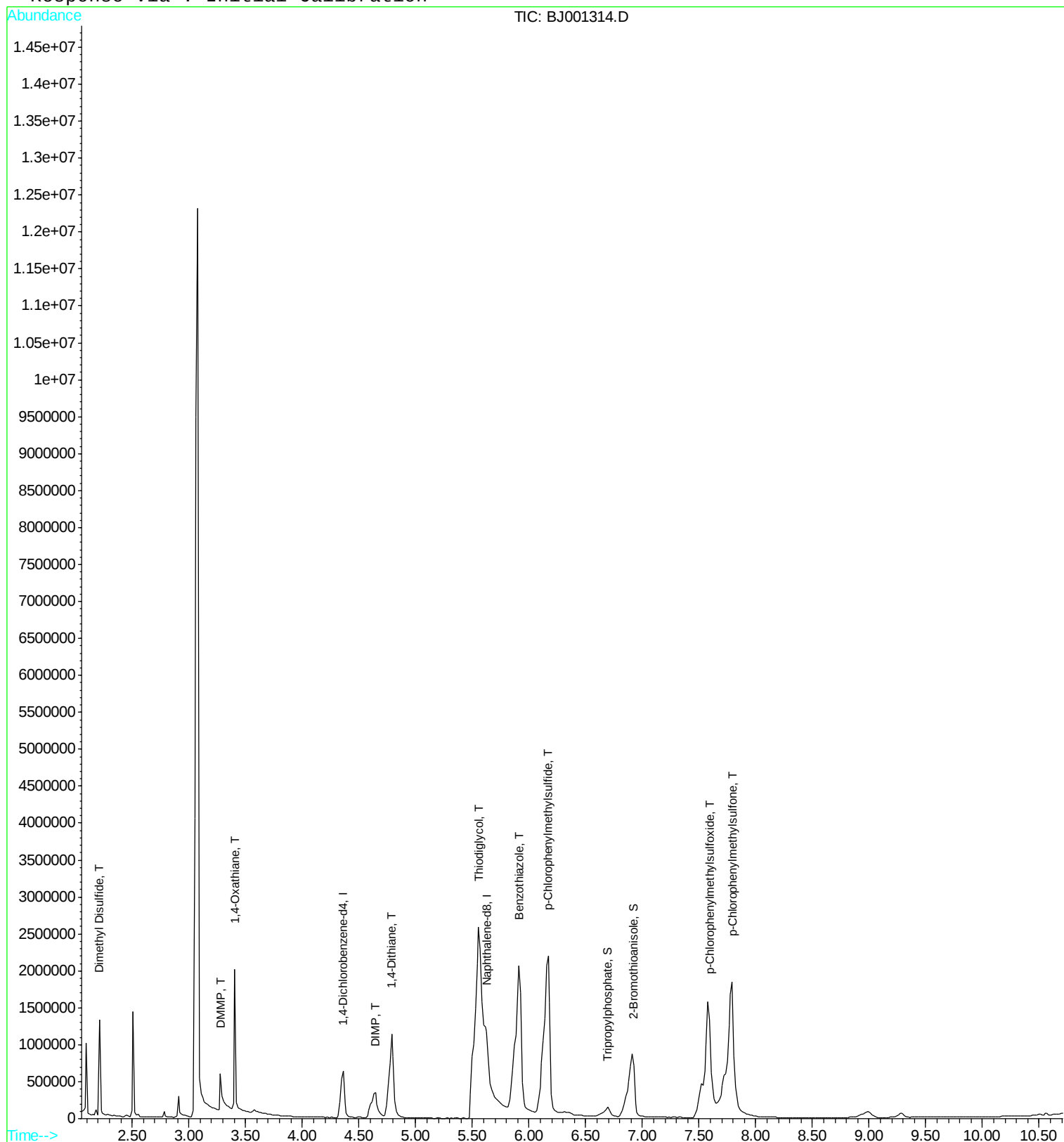
Data File : H:\VOL1\GCMSDATA\J\121204\BJ001314.D
Acq On : 4 Dec 2012 17:23
Sample : PB67200BS
Misc : WATER BNA J HLM
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Quant Time: Dec 5 11:27 2012

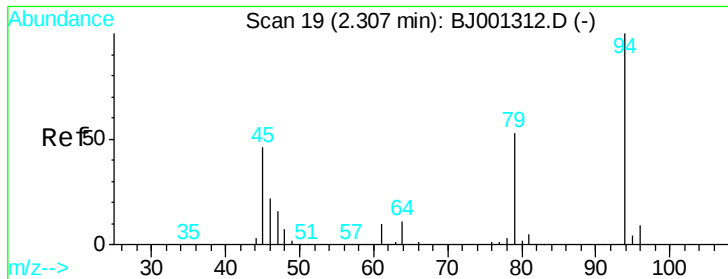
Vial: 4
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Instrument :
BNA_J
ClientSampleId :
PB67200BS

Quant Results File: BJ112712.RES

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: 0.31 ug/mL

RT: 2.21 min Scan# 12

Delta R.T. -0.10 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampled :

PB67200BS

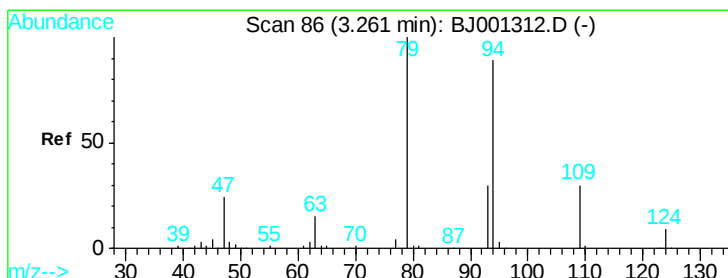
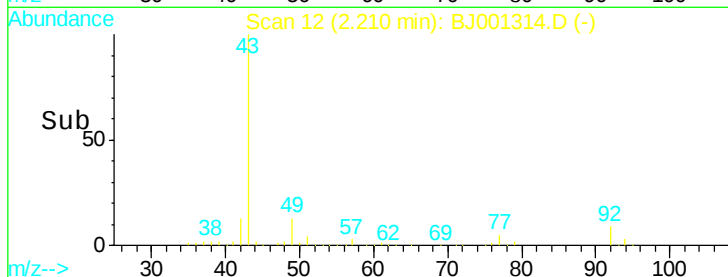
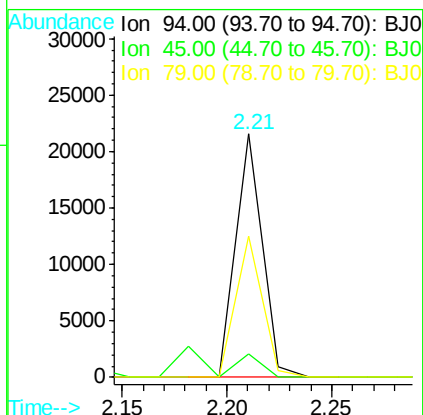
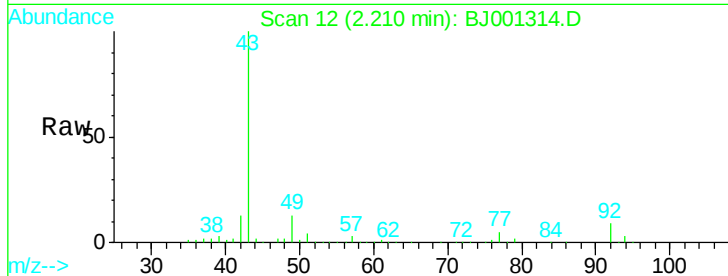
Tgt Ion: 94 Resp: 19221

Ion Ratio Lower Upper

94 100

45 9.7 26.5 66.5#

79 58.1 33.4 73.4



#3

DMMP

Concen: 2.83 ug/mL

RT: 3.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

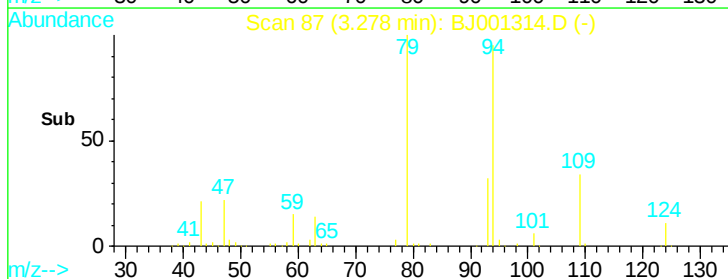
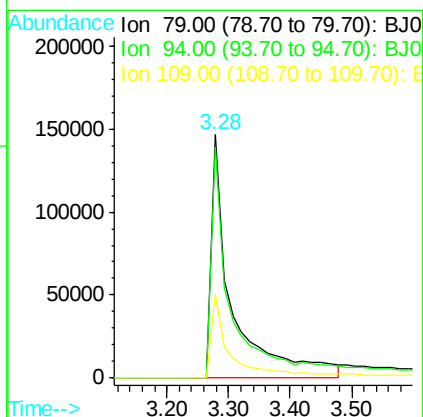
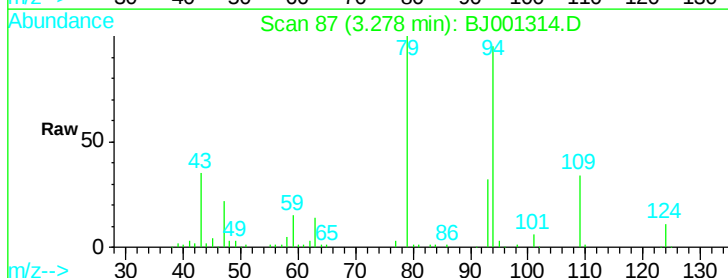
Tgt Ion: 79 Resp: 347734

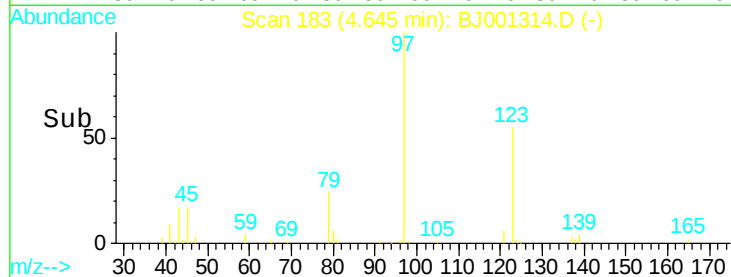
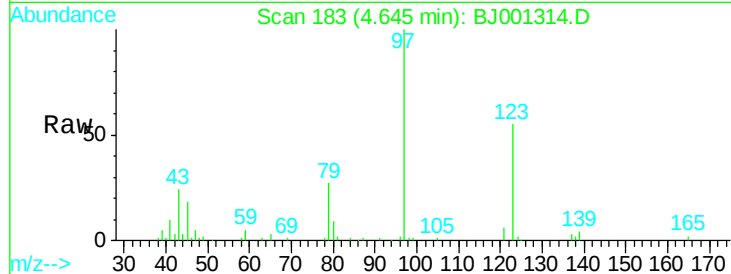
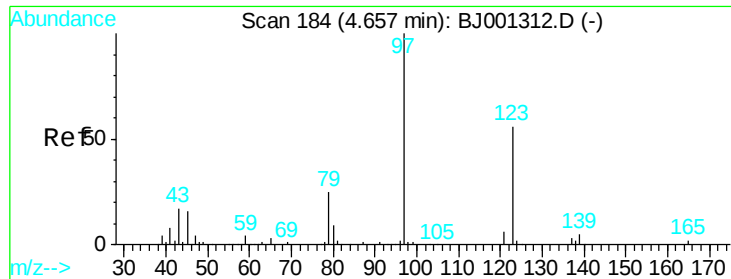
Ion Ratio Lower Upper

79 100

94 95.0 69.1 109.1

109 34.3 10.5 50.5





#4

DIMP

Concen: 1.79 ug/mL

RT: 4.65 min Scan# 183

Delta R.T. -0.01 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampleId :

PB67200BS

Tgt Ion: 97 Resp: 494053

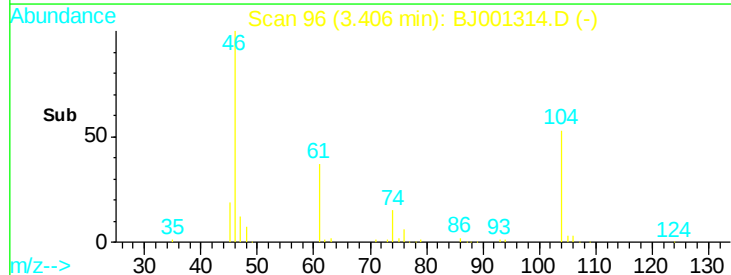
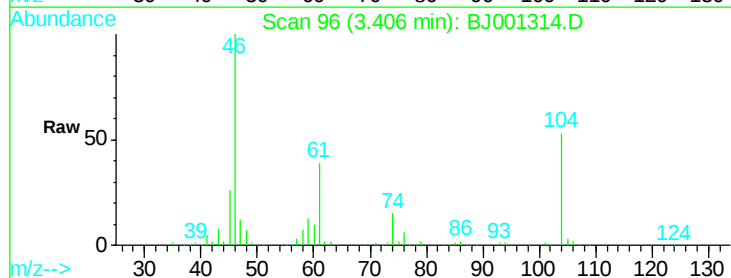
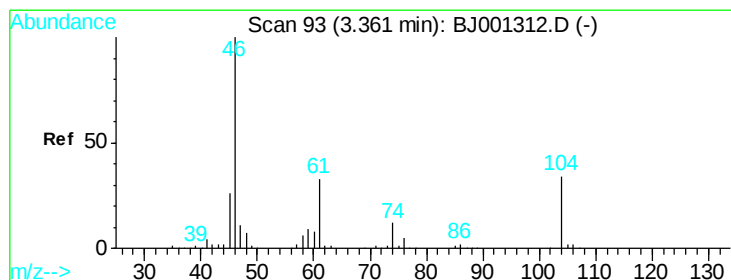
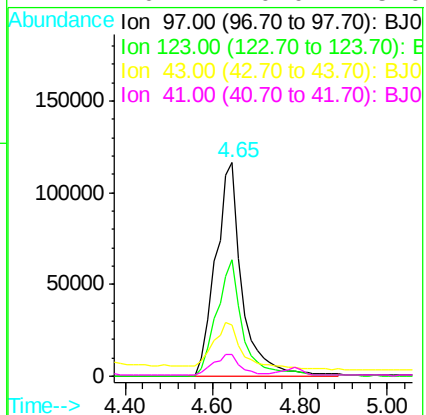
Ion Ratio Lower Upper

97 100

123 54.8 36.4 76.4

43 23.7 0.0 37.2

41 10.2 0.0 28.0



#5

1,4-Oxathiane

Concen: 4.23 ug/mL

RT: 3.41 min Scan# 96

Delta R.T. 0.05 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

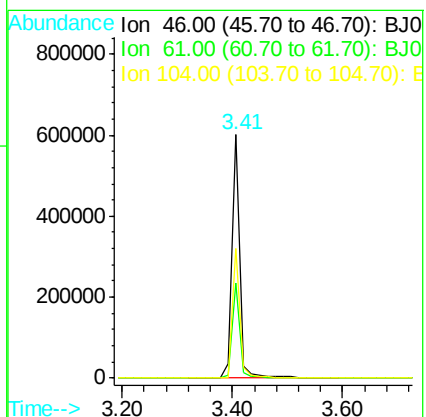
Tgt Ion: 46 Resp: 608979

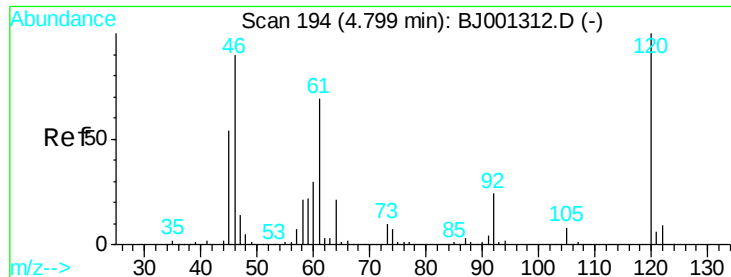
Ion Ratio Lower Upper

46 100

61 38.9 13.2 53.2

104 53.2 14.2 54.2





#7

1,4-Dithiane

Concen: 4.43 ug/mL

RT: 4.79 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampled :

PB67200BS

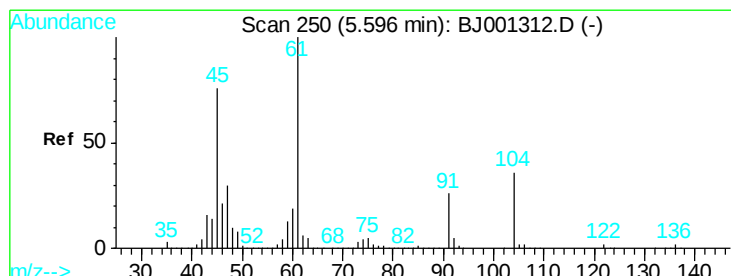
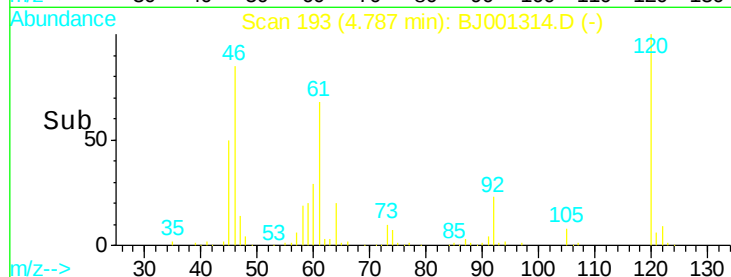
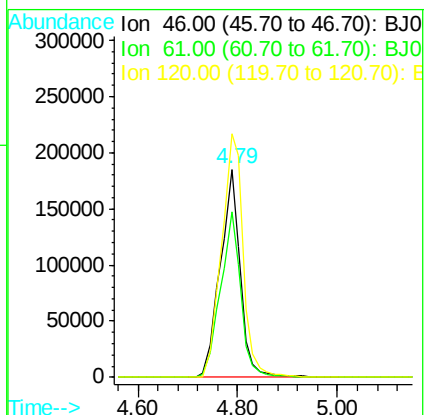
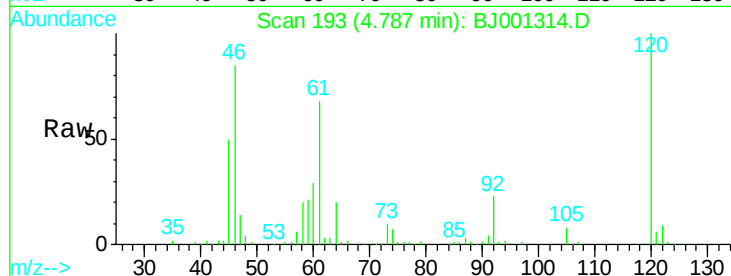
Tgt Ion: 46 Resp: 513471

Ion Ratio Lower Upper

46 100

61 79.3 57.0 97.0

120 117.1 91.5 131.5



#8

Thiodiglycol

Concen: 36.19 ug/mL

RT: 5.56 min Scan# 247

Delta R.T. -0.04 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

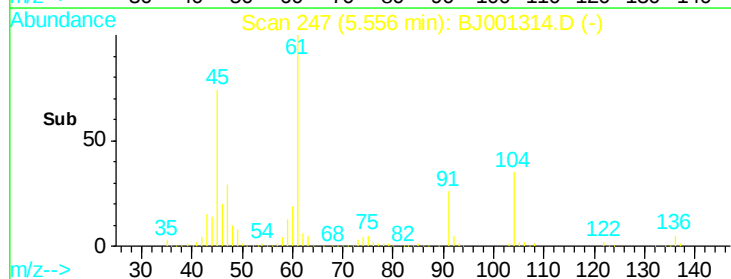
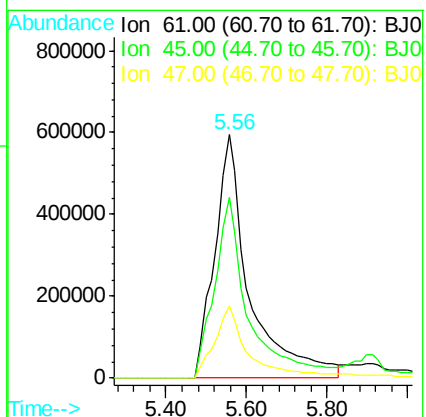
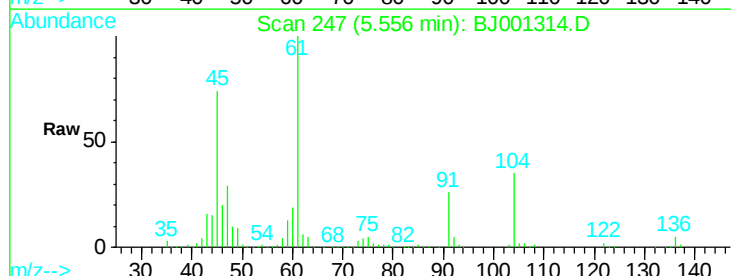
Tgt Ion: 61 Resp: 3550441

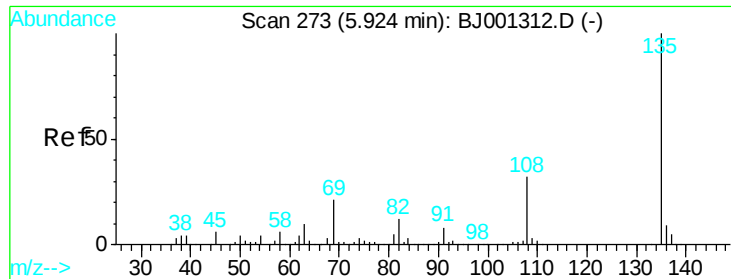
Ion Ratio Lower Upper

61 100

45 74.4 56.0 96.0

47 29.4 10.0 50.0





#9

Benzothiazole

Concen: 10.29 ug/mL

RT: 5.91 min Scan# 272

Delta R.T. -0.01 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampleId :

PB67200BS

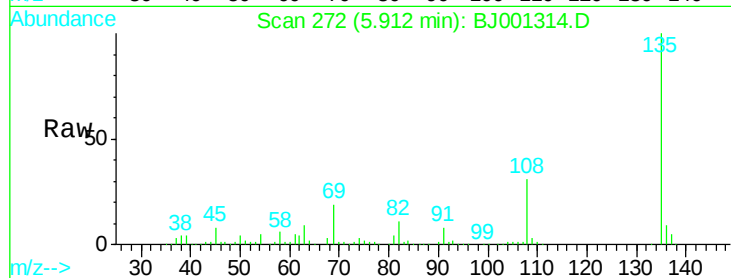
Tgt Ion:135 Resp: 2747477

Ion Ratio Lower Upper

135 100

108 30.6 12.0 52.0

69 19.4 1.1 41.1

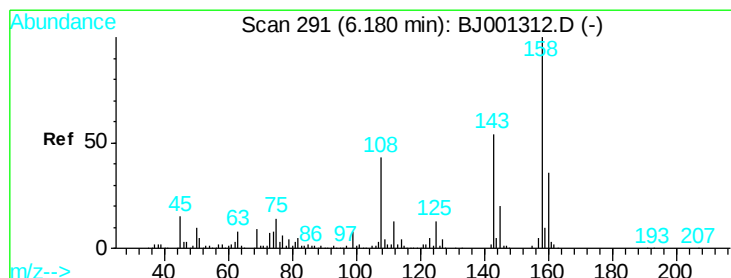
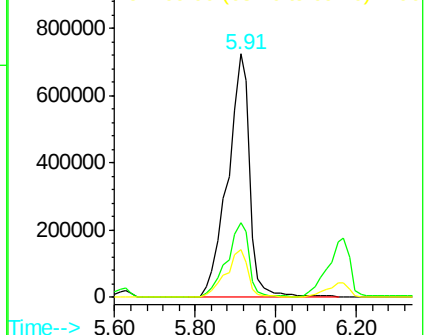
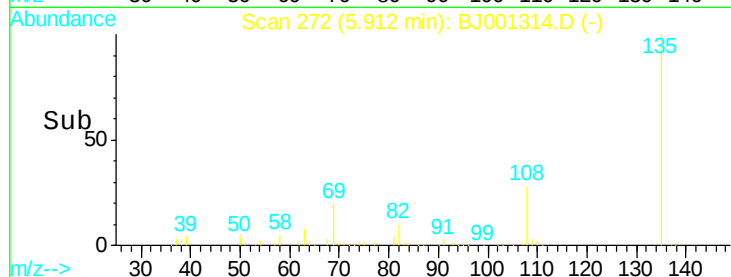


Abundance

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: 9.36 ug/mL

RT: 6.17 min Scan# 290

Delta R.T. -0.01 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Tgt Ion:158 Resp: 1565279

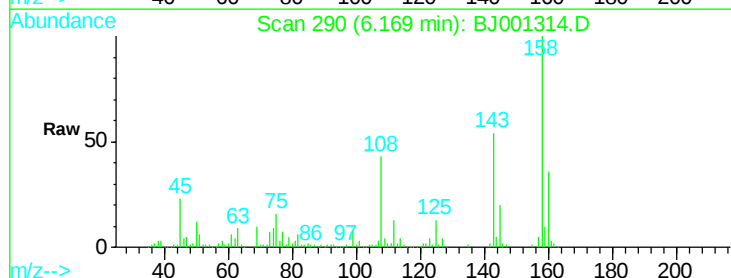
Ion Ratio Lower Upper

158 100

143 54.4 34.4 74.4

108 43.2 22.9 62.9

45 23.0 0.0 36.9



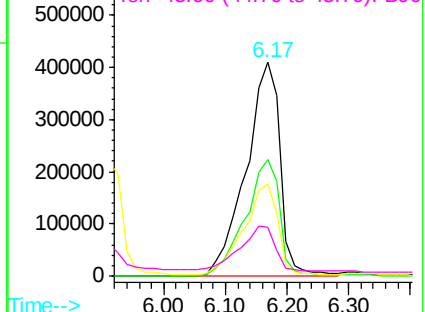
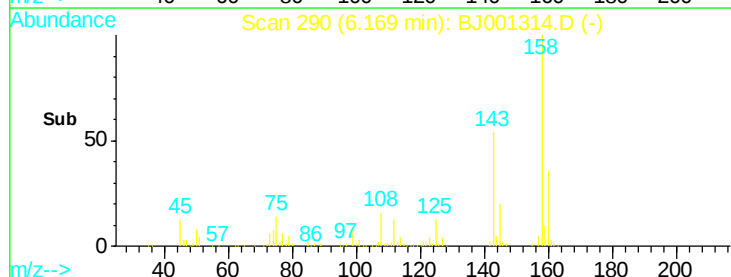
Abundance

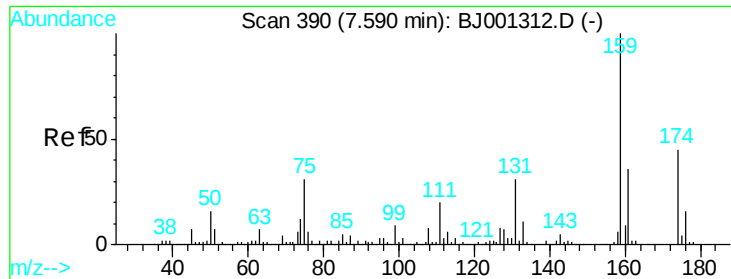
Ion 158.00 (157.70 to 158.70): E

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

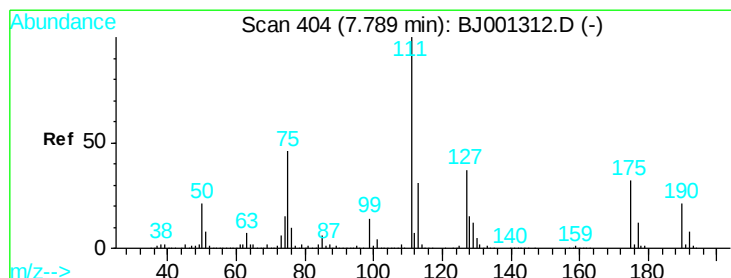
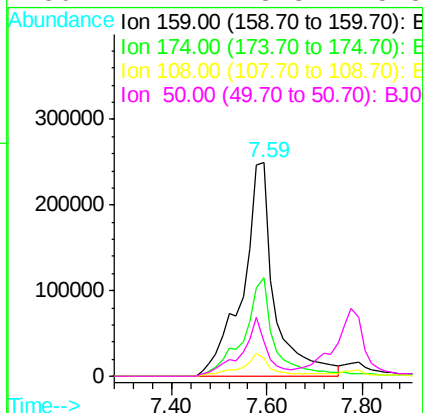
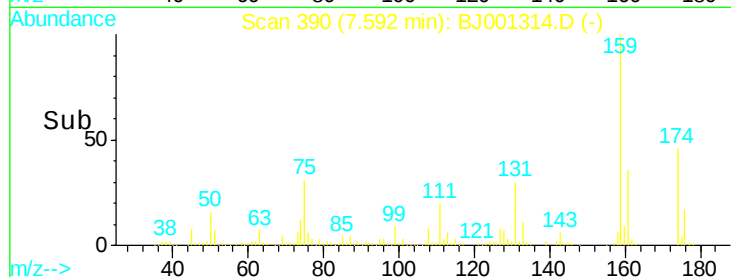
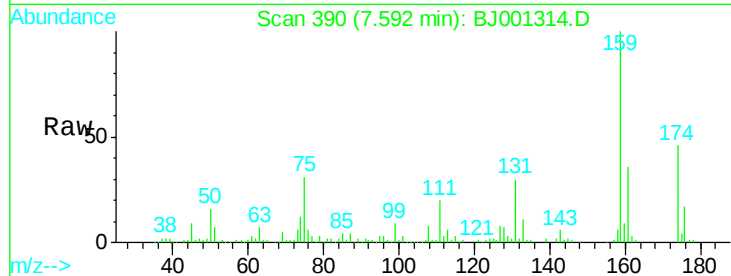




#13
p-Chlorophenylmethylsulfoxide
Concen: 10.23 ug/mL
RT: 7.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Instrument :
BNA_J
ClientSampleId :
PB67200BS

Tgt Ion:159 Resp: 1155441
Ion Ratio Lower Upper
159 100
174 44.9 26.4 66.4
108 10.1 0.0 29.6
50 22.2 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 9.25 ug/mL
RT: 7.79 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Tgt Ion:111 Resp: 1516711
Ion Ratio Lower Upper
111 100
75 41.9 27.3 67.3
127 39.1 17.0 57.0
190 26.0 0.8 40.8

