

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001329.D
 Acq On : 10 Dec 2012 19:11
 Sample : PB67346BS
 Misc : WATER BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 12 13:00 2012

Vial: 3
 Operator: HLM
 Inst : BNA_J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 PB67346BS

Quant Results File: BJ121012.KES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Mon Dec 10 18:28:25 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	146790	2.00	ug/mL	0.00
6) Naphthalene-d8	5.63	136	645331	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.70	99	134709	0.50	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
12) 2-Bromothioanisole	6.93	204	290833	4.52	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.20	94	7221	0.23	ug/mL#	62
3) DMMP	3.29	79	170610	2.44	ug/mL	90
4) DIMP	4.65	97	253881	1.78	ug/mL	88
5) 1,4-Oxathiane	3.41	46	320907	4.06	ug/mL#	73
7) 1,4-Dithiane	4.79	46	302932	4.65	ug/mL	91
8) Thiodiglycol	5.56	61	1910824	34.24	ug/mL	88
9) Benzothiazole	5.93	135	1695544	9.08	ug/mL	91
11) p-Chlorophenylmethyldisulfide	6.18	158	1018913	9.08	ug/mL	93
13) p-Chlorophenylmethyldisulfox	7.60	159	807502	8.88	ug/mL	99
14) p-Chlorophenylmethyldisulfon	7.80	111	1071676	9.01	ug/mL	89

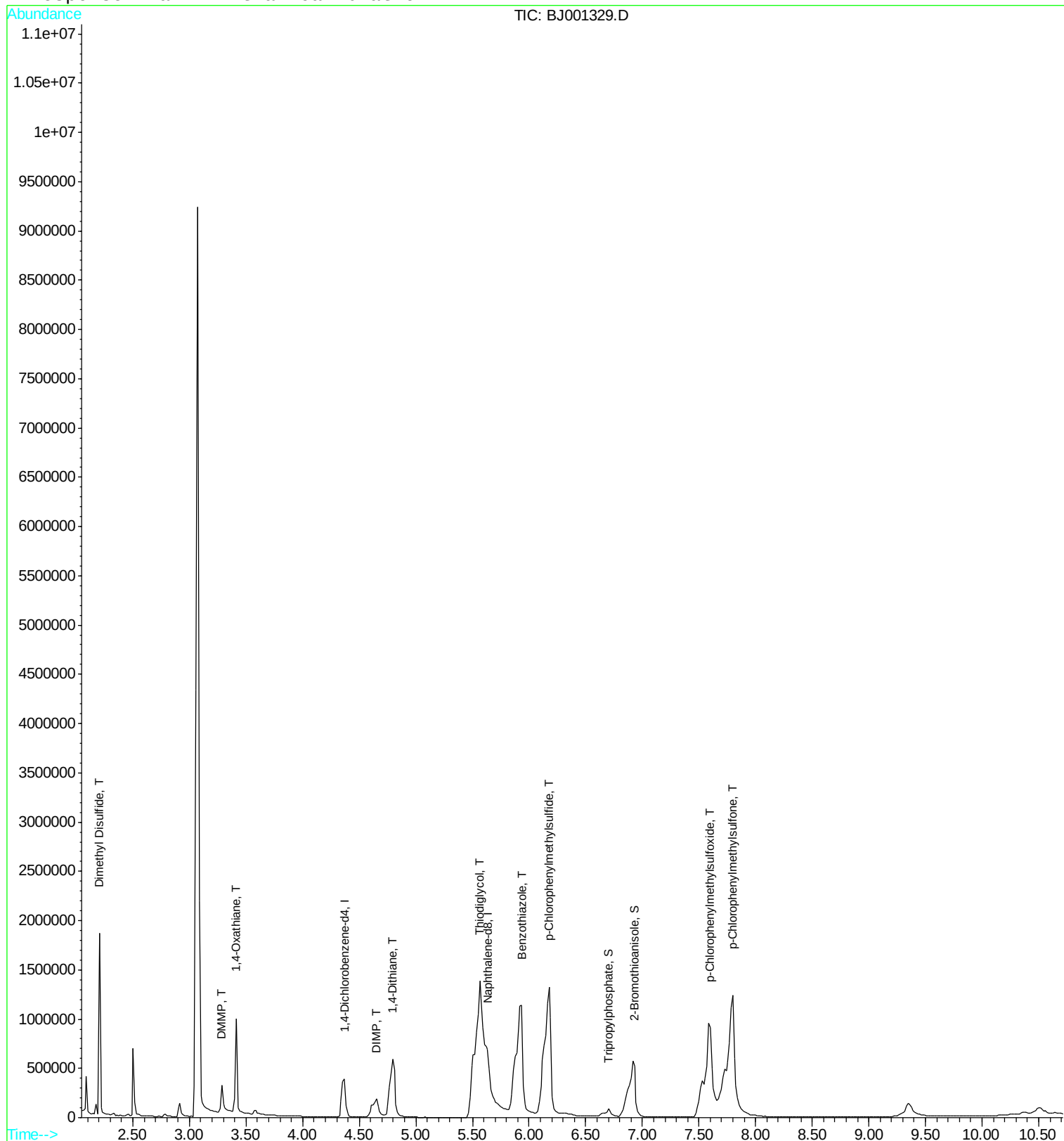
Data File : H:\VOL1\GCMSDATA\J\121210\BJ001329.D
Acq On : 10 Dec 2012 19:11
Sample : PB67346BS
Misc : WATER BNA_J HLM
MS Integration Params: rteint.p
Quant Time: Dec 12 13:00 2012

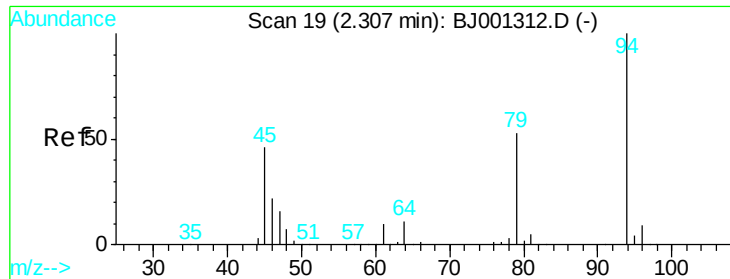
Vial: 3
Operator: HLM
Inst : BNA_J
Multiplr: 1.00

Instrument :
BNA_J
ClientSampleId :
PB67346BS

Quant Results File: BJ121012.1.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Mon Dec 10 18:28:25 2012
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 0.23 ug/mL

RT: 2.20 min Scan# 12

Delta R.T. -0.13 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

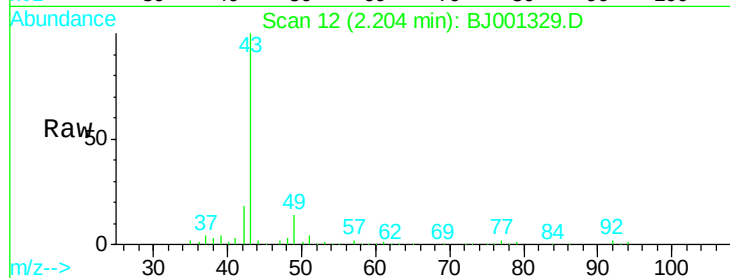
Tgt Ion: 94 Resp: 7221

Ion Ratio Lower Upper

94 100

45 34.9 26.5 66.5

79 92.7 33.4 73.4#

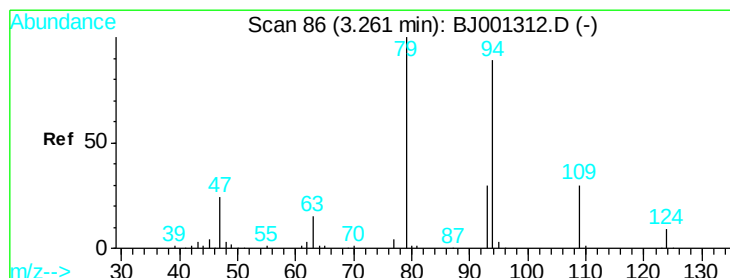
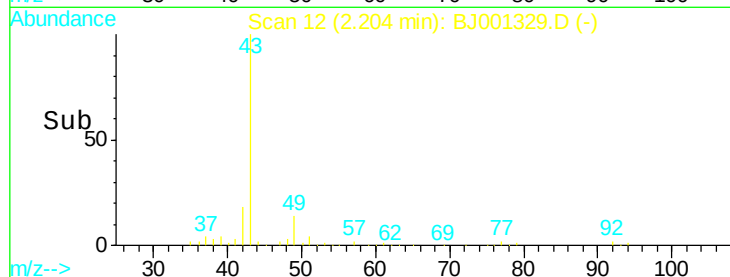
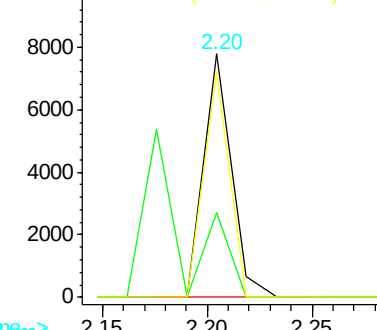


Abundance

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: 2.44 ug/mL

RT: 3.29 min Scan# 88

Delta R.T. 0.03 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

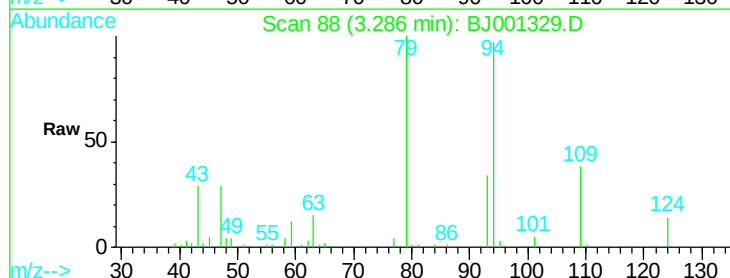
Tgt Ion: 79 Resp: 170610

Ion Ratio Lower Upper

79 100

94 97.1 69.1 109.1

109 37.7 10.5 50.5

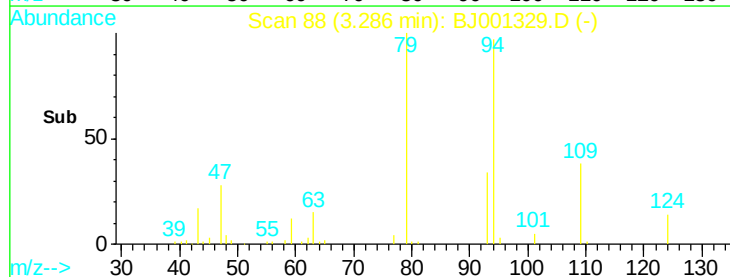
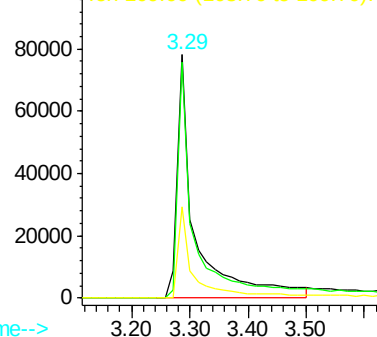


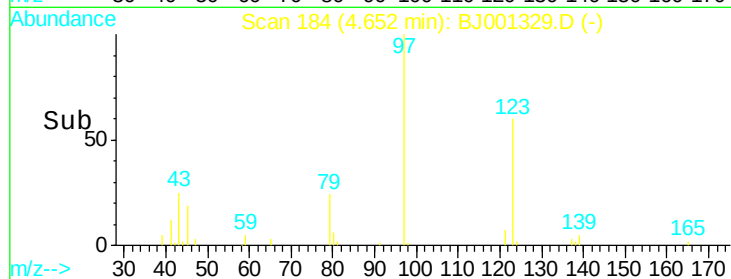
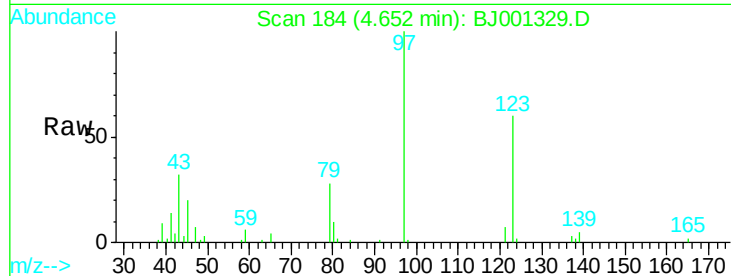
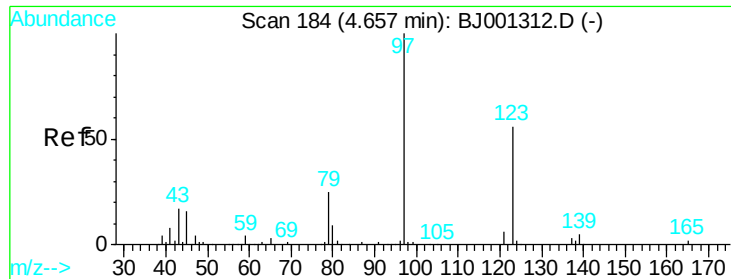
Abundance

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: 1.78 ug/mL

RT: 4.65 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

Tgt Ion: 97 Resp: 253881

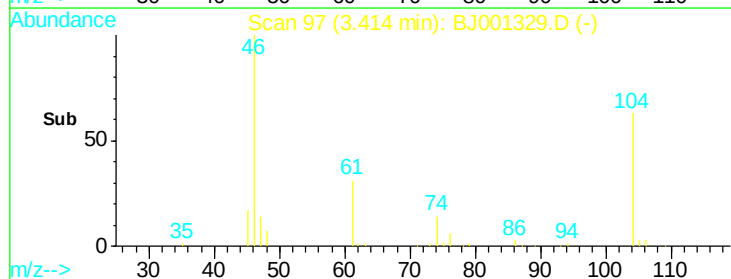
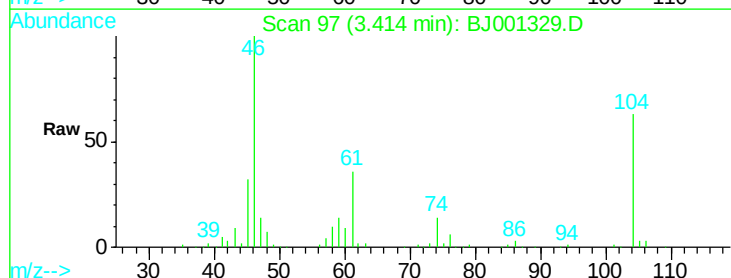
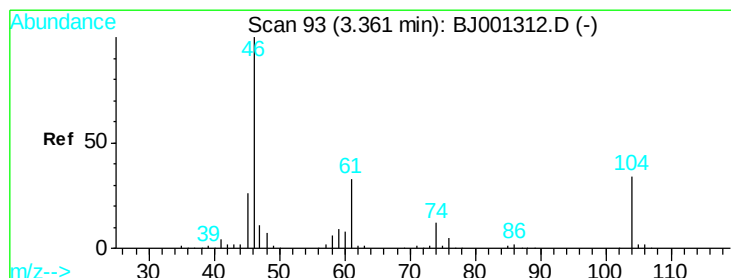
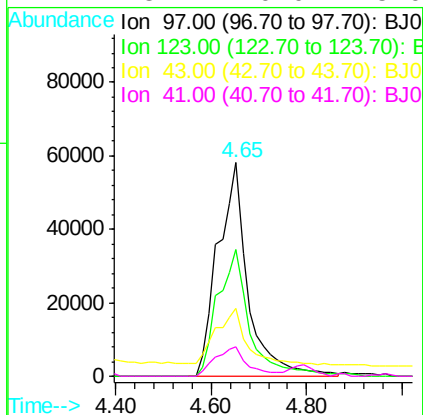
Ion Ratio Lower Upper

97 100

123 59.5 36.4 76.4

43 31.8 0.0 37.2

41 13.7 0.0 28.0



#5

1,4-Oxathiane

Concen: 4.06 ug/mL

RT: 3.41 min Scan# 97

Delta R.T. 0.04 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

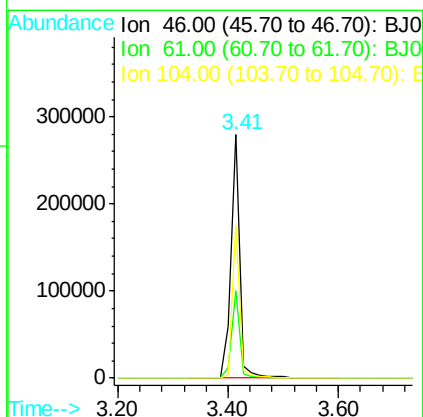
Tgt Ion: 46 Resp: 320907

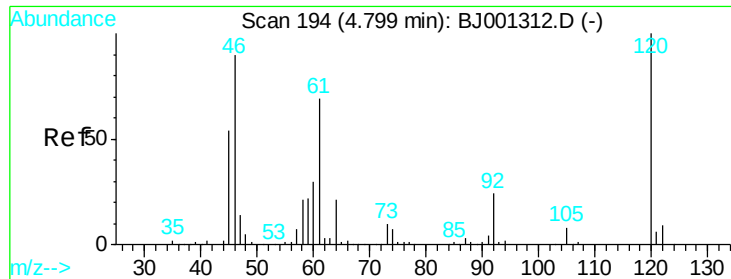
Ion Ratio Lower Upper

46 100

61 35.9 13.2 53.2

104 62.7 14.2 54.2#





#7

1,4-Dithiane

Concen: 4.65 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. -0.01 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

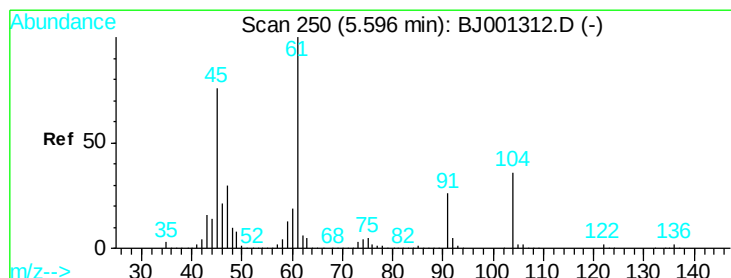
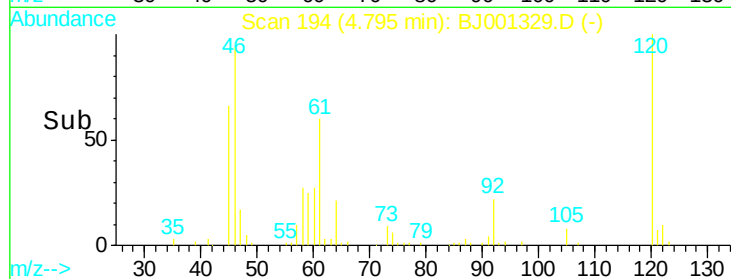
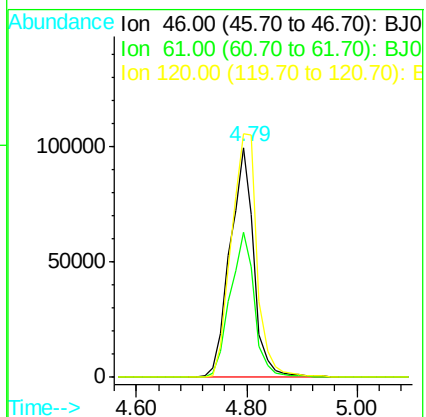
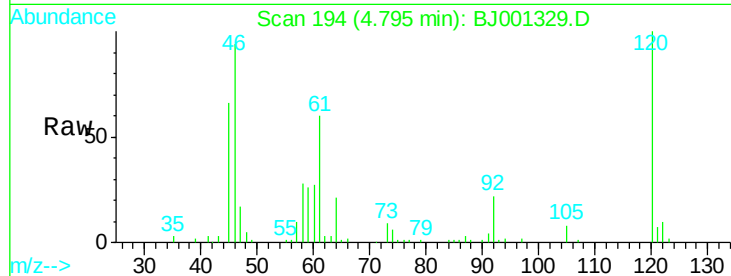
Tgt Ion: 46 Resp: 302932

Ion Ratio Lower Upper

46 100

61 63.4 57.0 97.0

120 106.0 91.5 131.5



#8

Thiodiglycol

Concen: 34.24 ug/mL

RT: 5.56 min Scan# 248

Delta R.T. -0.03 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

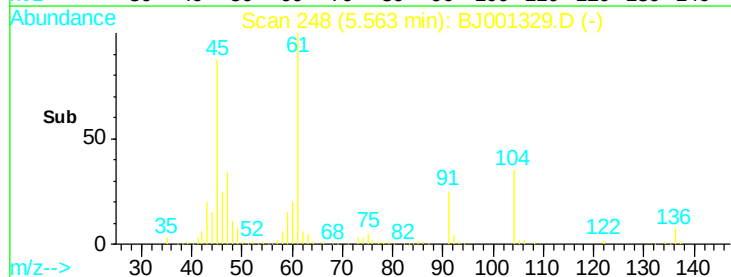
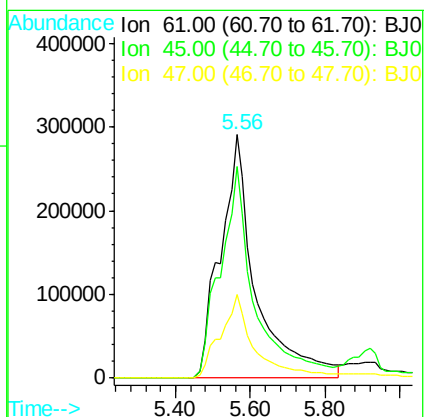
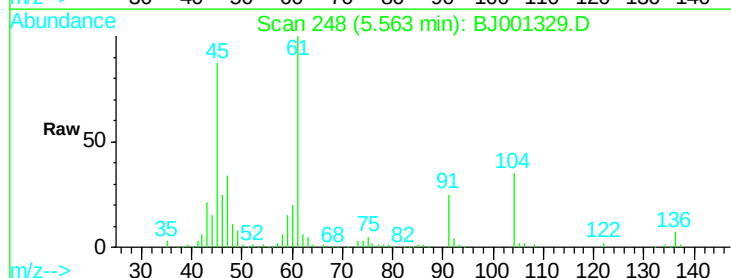
Tgt Ion: 61 Resp: 1910824

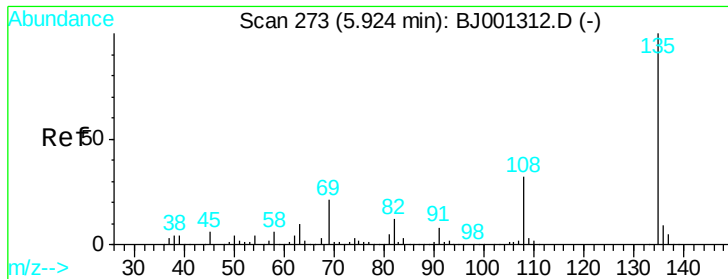
Ion Ratio Lower Upper

61 100

45 87.1 56.0 96.0

47 34.4 10.0 50.0





#9

Benzothiazole

Concen: 9.08 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. -0.00 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

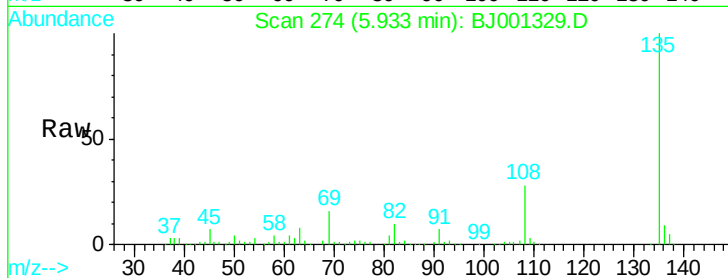
Tgt Ion:135 Resp: 1695544

Ion Ratio Lower Upper

135 100

108 28.0 12.0 52.0

69 15.5 1.1 41.1

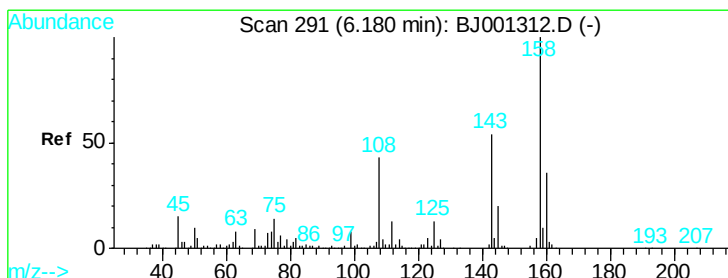
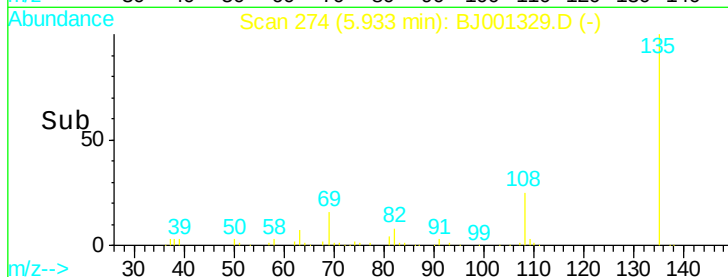
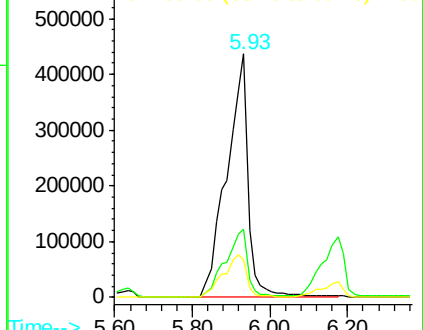


Abundance

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: 9.08 ug/mL

RT: 6.18 min Scan# 291

Delta R.T. -0.00 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Tgt Ion:158 Resp: 1018913

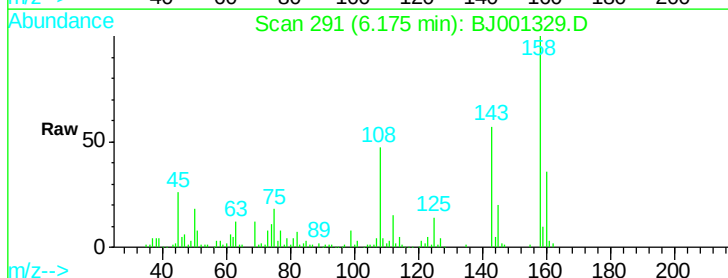
Ion Ratio Lower Upper

158 100

143 56.7 34.4 74.4

108 47.2 22.9 62.9

45 25.8 0.0 36.9



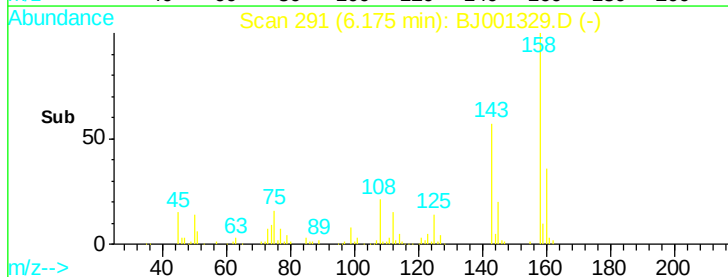
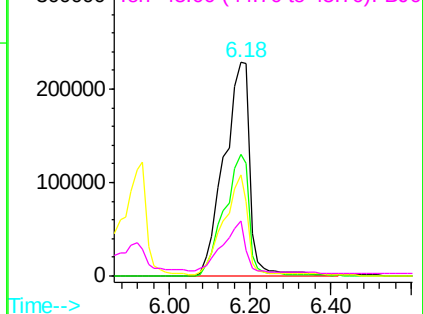
Abundance

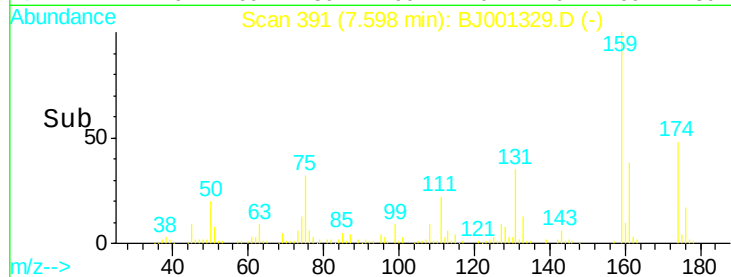
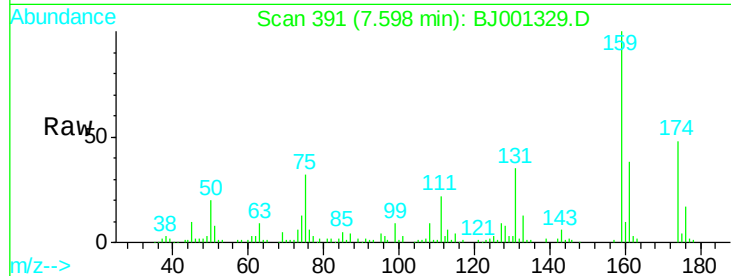
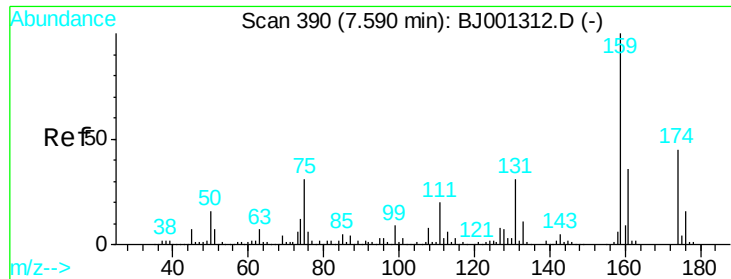
Ion 158.00 (157.70 to 158.70): E

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

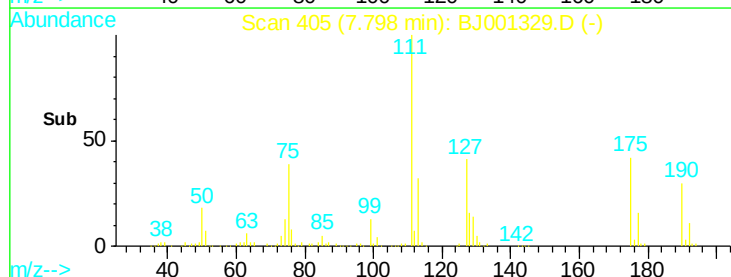
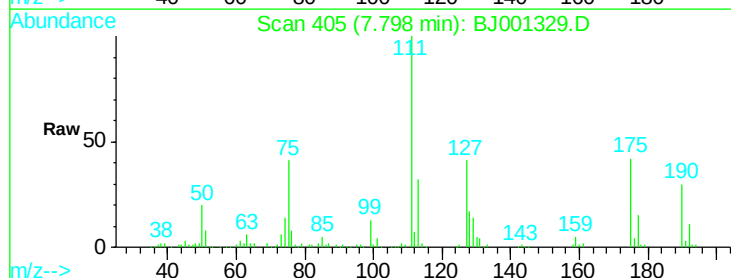
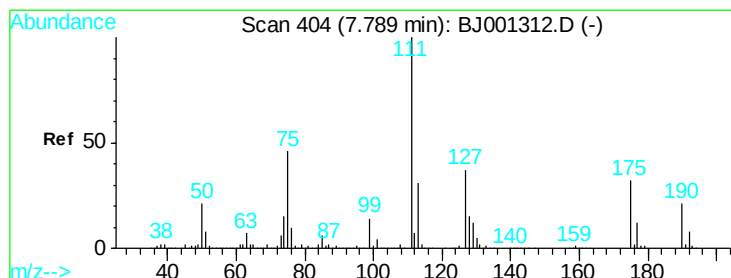
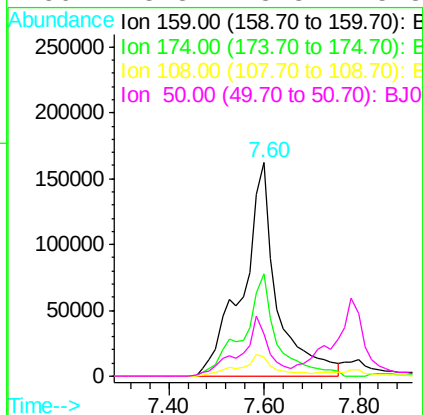




#13
p-Chlorophenylmethylsulfoxide
Concen: 8.88 ug/mL
RT: 7.60 min Scan# 391
Delta R.T. 0.01 min
Lab File: BJ001329.D
Acq: 10 Dec 2012 19:11

Instrument :
BNA_J
ClientSampleId :
PB67346BS

Tgt Ion:	159	Resp:	807502
Ion Ratio	Lower	Upper	
159	100		
174	47.1	26.4	66.4
108	10.3	0.0	29.6
50	23.3	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 9.01 ug/mL
RT: 7.80 min Scan# 405
Delta R.T. 0.01 min
Lab File: BJ001329.D
Acq: 10 Dec 2012 19:11

Tgt Ion:	111	Resp:	1071676
Ion Ratio	Lower	Upper	
111	100		
75	40.7	27.3	67.3
127	41.2	17.0	57.0
190	29.9	0.8	40.8

