

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001330.D
 Acq On : 10 Dec 2012 19:28
 Sample : PB67346BSD
 Misc : WATER BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 12 13:00 2012

Vial: 4
 Operator: HLM
 Inst : BNA_J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 PB67346BSD

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	4.36	152	161683	2.00	ug/mL	0.00
6) Naphthalene-d8	5.63	136	722156	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.71	99	154260	0.52	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
12) 2-Bromothioanisole	6.92	204	331351	4.60	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.28	79	237794	3.03	ug/mL	83
4) DIMP	4.64	97	292258	1.86	ug/mL	86
5) 1,4-Oxathiane	3.41	46	376266	4.32	ug/mL	79
7) 1,4-Dithiane	4.79	46	329479	4.52	ug/mL	87
8) Thiodiglycol	5.56	61	2173248	34.80	ug/mL	88
9) Benzothiazole	5.91	135	1902117	9.10	ug/mL	99
11) p-Chlorophenylmethylsulfid	6.17	158	1128863	8.99	ug/mL	96
13) p-Chlorophenylmethylsulfox	7.59	159	910205	8.94	ug/mL	99
14) p-Chlorophenylmethylsulfon	7.79	111	1193571	8.97	ug/mL	96

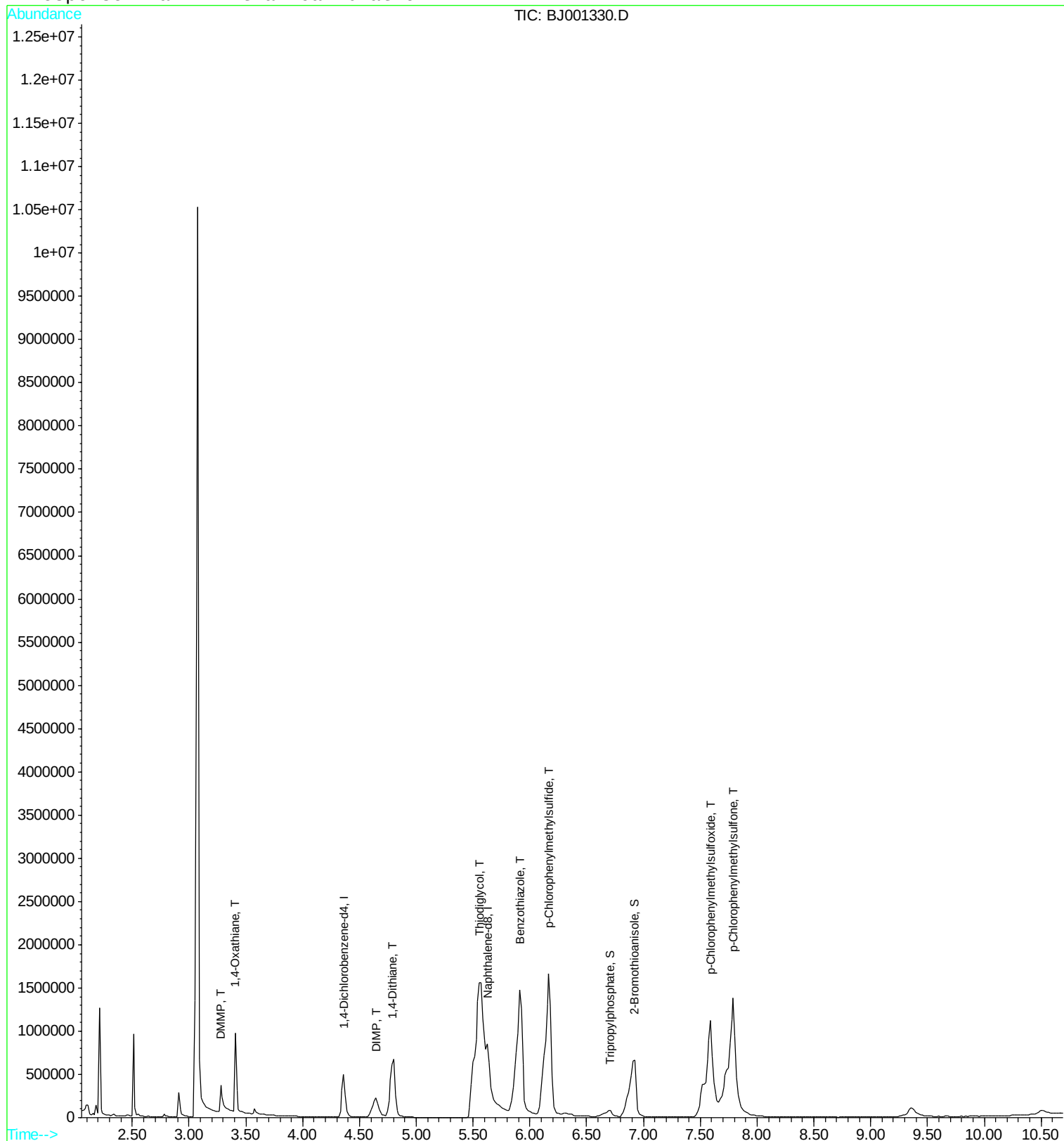
Data File : H:\VOL1\GCMSDATA\J\121210\BJ001330.D
Acq On : 10 Dec 2012 19:28
Sample : PB67346BSD
Misc : WATER BNA_J HLM
MS Integration Params: rteint.p
Quant Time: Dec 12 13:00 2012

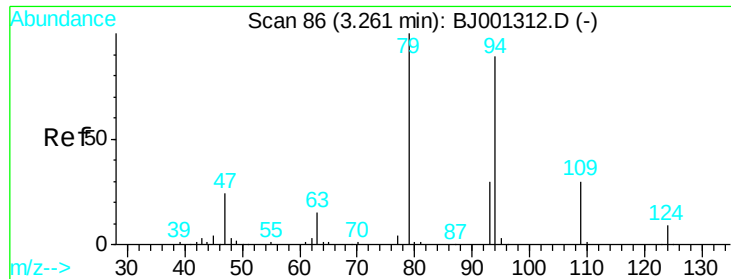
Vial: 4
Operator: HLM
Inst : BNA_J
Multiplr: 1.00

Instrument :
BNA_J
ClientSampleId :
PB67346BSD

Quant Results File: BJ121012.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





#3

DMMP

Concen: 3.03 ug/mL

RT: 3.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

PB67346BSD

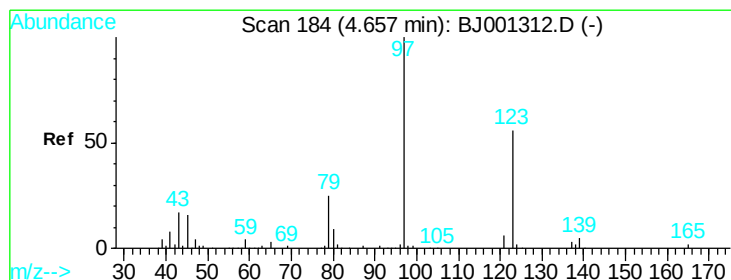
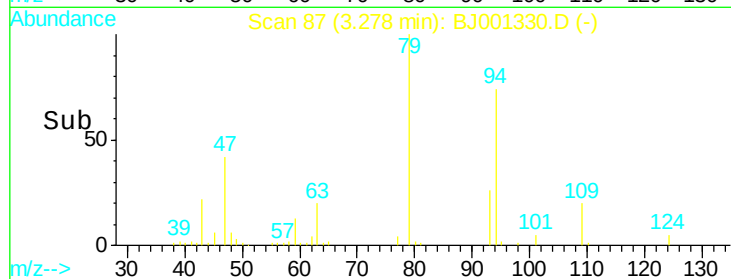
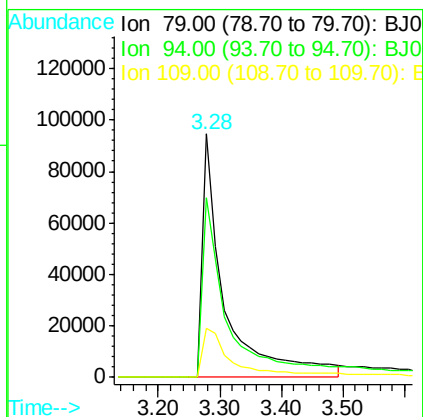
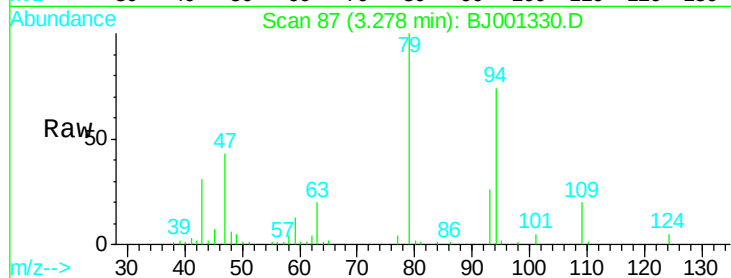
Tgt Ion: 79 Resp: 237794

Ion Ratio Lower Upper

79 100

94 74.0 69.1 109.1

109 20.3 10.5 50.5



#4

DIMP

Concen: 1.86 ug/mL

RT: 4.64 min Scan# 183

Delta R.T. -0.01 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Tgt Ion: 97 Resp: 292258

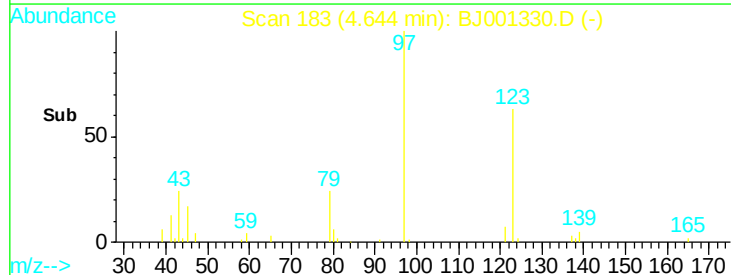
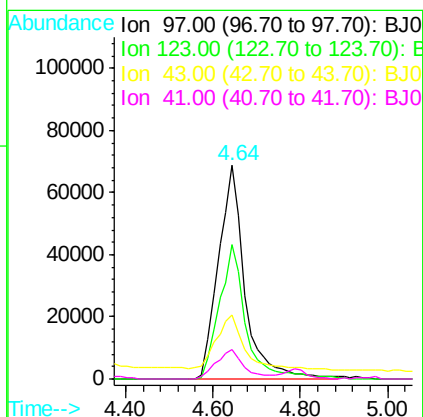
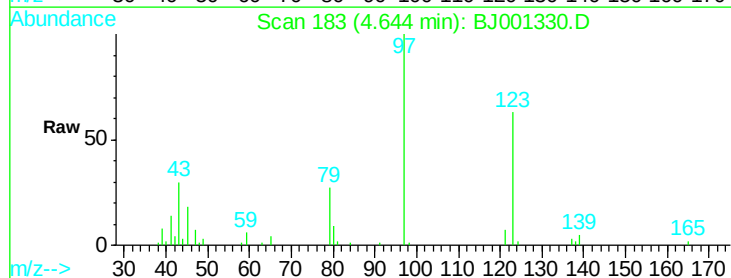
Ion Ratio Lower Upper

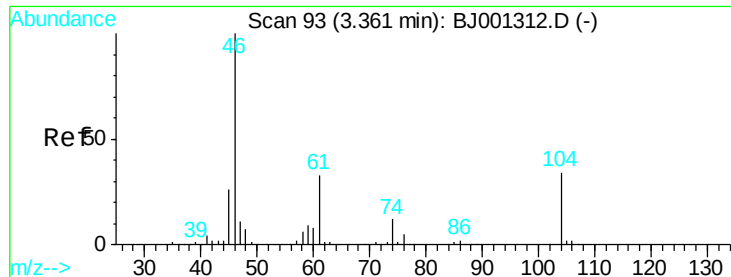
97 100

123 62.9 36.4 76.4

43 30.2 0.0 37.2

41 13.8 0.0 28.0





#5

1,4-Oxathiane

Concen: 4.32 ug/mL

RT: 3.41 min Scan# 96

Delta R.T. 0.03 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

PB67346BSD

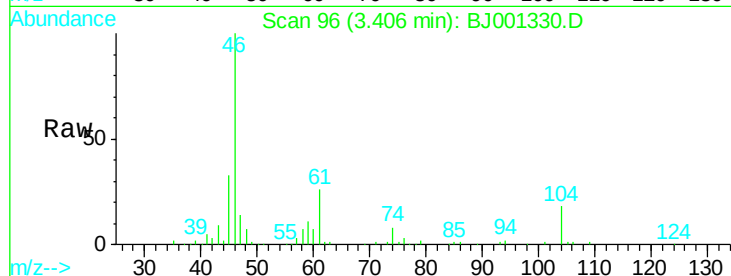
Tgt Ion: 46 Resp: 376266

Ion Ratio Lower Upper

46 100

61 25.5 13.2 53.2

104 18.3 14.2 54.2

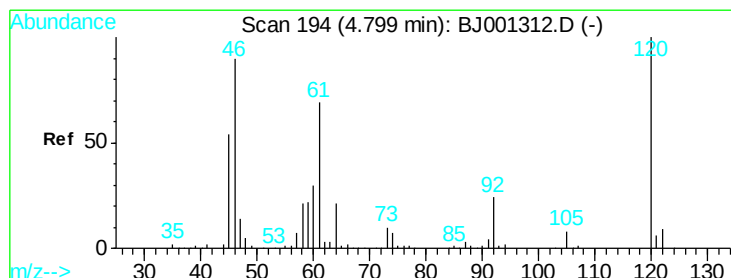
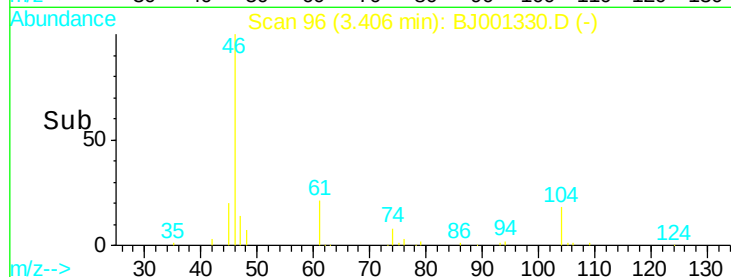
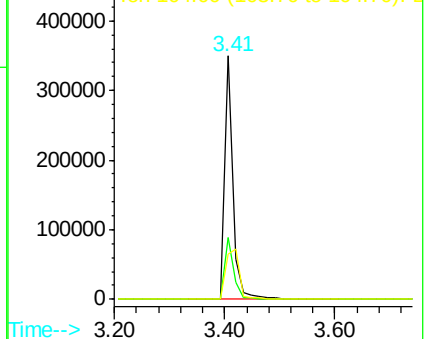


Abundance

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: 4.52 ug/mL

RT: 4.79 min Scan# 193

Delta R.T. -0.02 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

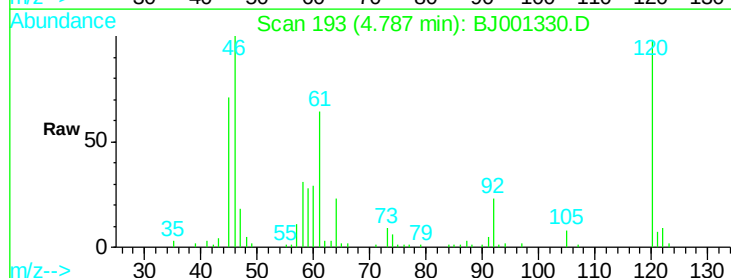
Tgt Ion: 46 Resp: 329479

Ion Ratio Lower Upper

46 100

61 64.2 57.0 97.0

120 98.1 91.5 131.5

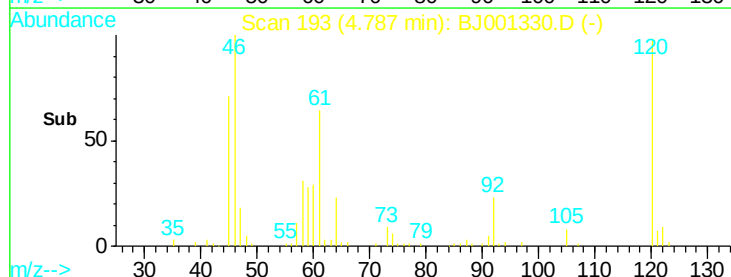
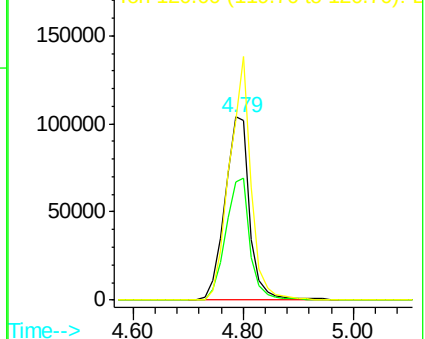


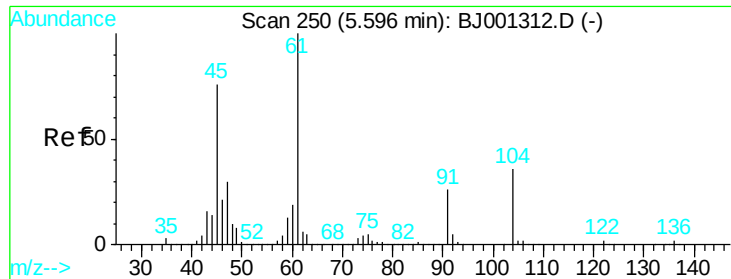
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0





#8

Thiodiglycol

Concen: 34.80 ug/mL

RT: 5.56 min Scan# 247

Delta R.T. -0.04 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

PB67346BSD

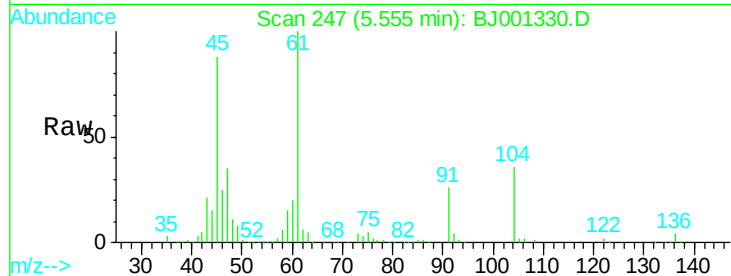
Tgt Ion: 61 Resp: 2173248

Ion Ratio Lower Upper

61 100

45 87.8 56.0 96.0

47 34.6 10.0 50.0

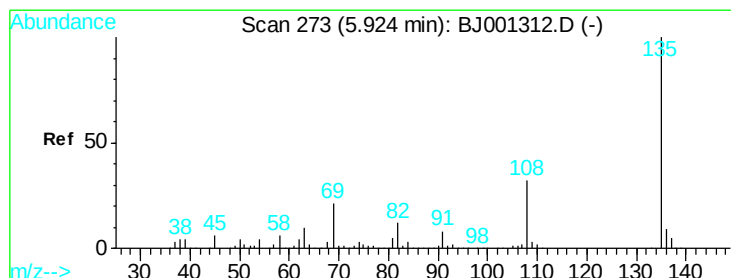
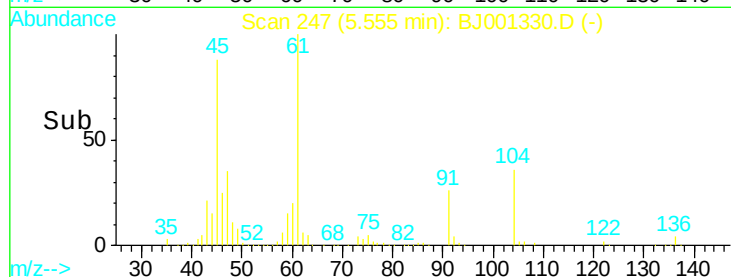
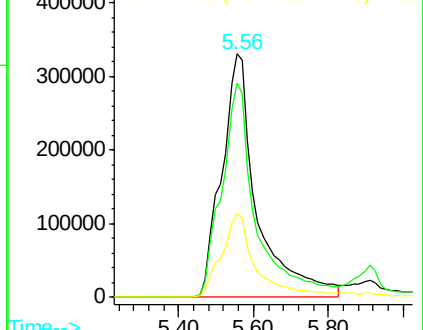


Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



#9

Benzothiazole

Concen: 9.10 ug/mL

RT: 5.91 min Scan# 272

Delta R.T. -0.02 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

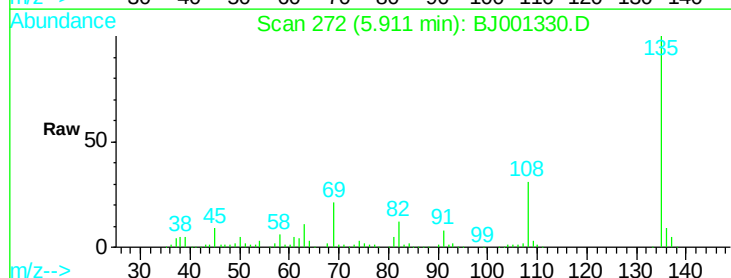
Tgt Ion: 135 Resp: 1902117

Ion Ratio Lower Upper

135 100

108 30.9 12.0 52.0

69 21.0 1.1 41.1

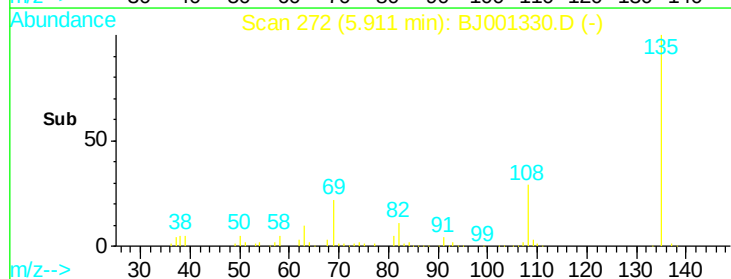
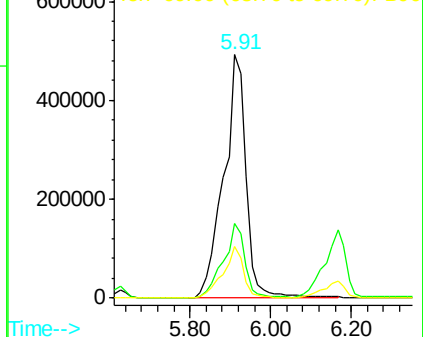


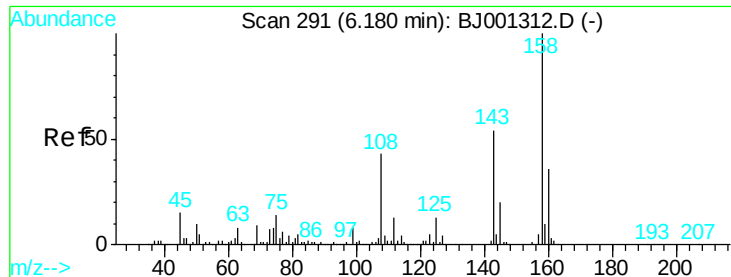
Abundance

Ion 135.00 (134.70 to 135.70): B

Ion 108.00 (107.70 to 108.70): B

Ion 69.00 (68.70 to 69.70): BJ0

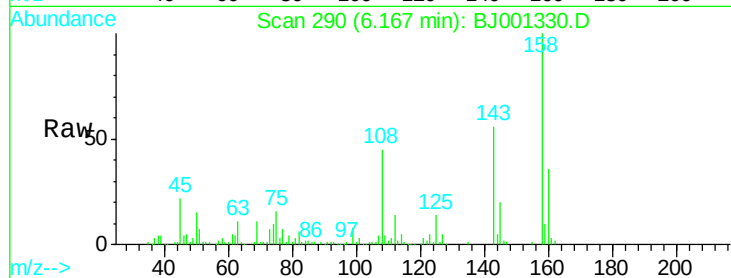




#11
p-Chlorophenylmethylsulfide
Concen: 8.99 ug/mL
RT: 6.17 min Scan# 290
Delta R.T. -0.01 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

Instrument :
BNA_J
ClientSampleId :
PB67346BSD

Tgt Ion:158 Resp: 1128863
Ion Ratio Lower Upper
158 100
143 56.0 34.4 74.4
108 45.1 22.9 62.9
45 21.9 0.0 36.9



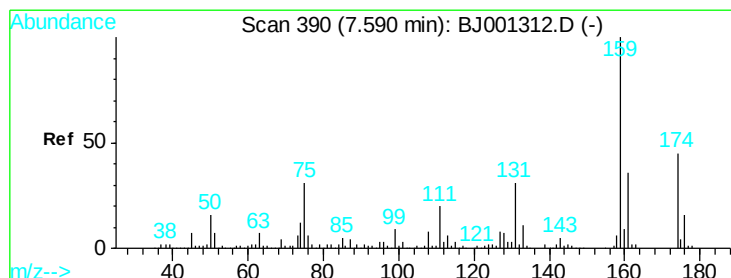
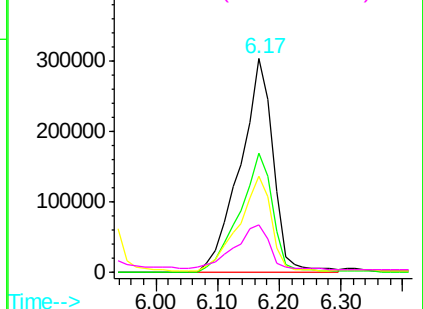
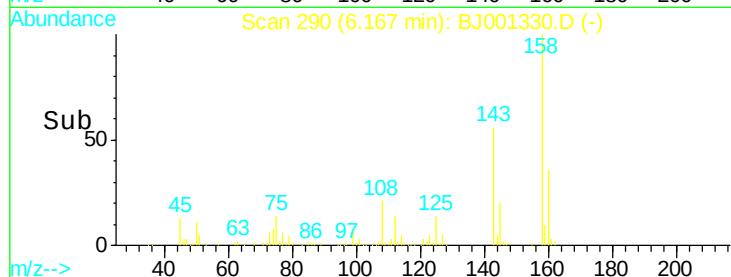
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

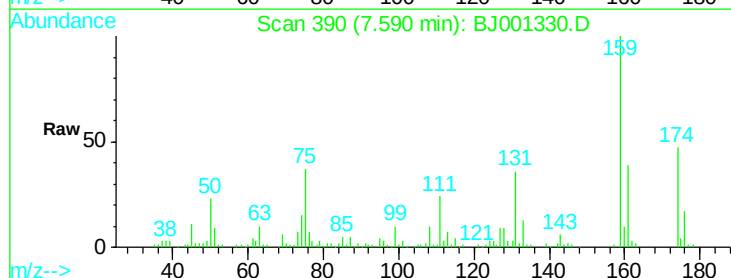
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 8.94 ug/mL
RT: 7.59 min Scan# 390
Delta R.T. 0.01 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

Tgt Ion:159 Resp: 910205
Ion Ratio Lower Upper
159 100
174 47.7 26.4 66.4
108 9.9 0.0 29.6
50 23.0 3.3 43.3



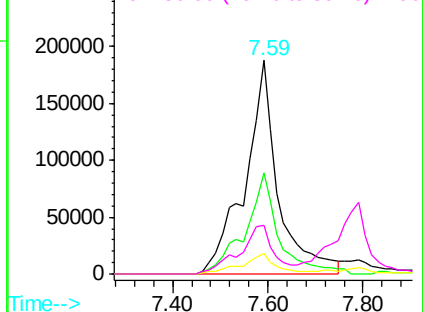
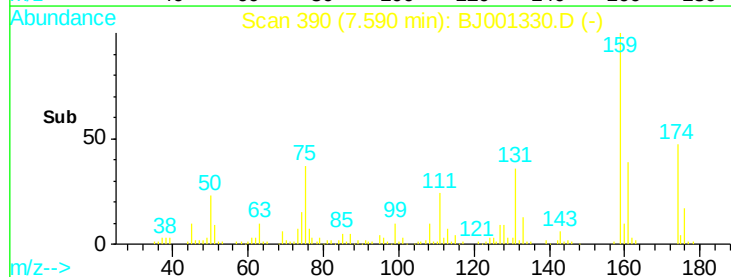
Abundance

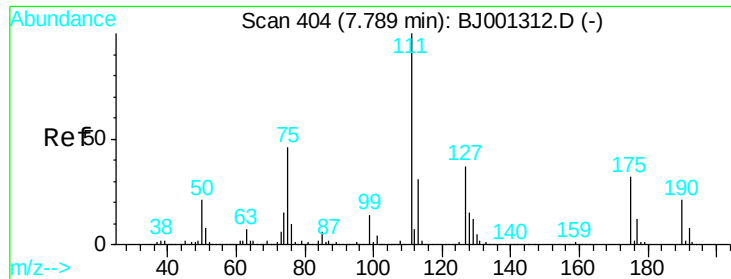
Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 8.97 ug/mL
 RT: 7.79 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BJ001330.D
 Acq: 10 Dec 2012 19:28

Instrument :
 BNA_J
 ClientSampleId :
 PB67346BSD

Tgt Ion:111 Resp: 1193571

Ion	Ratio	Lower	Upper
111	100		
75	45.1	27.3	67.3
127	38.7	17.0	57.0
190	24.9	0.8	40.8

