

Data File : H:\VOL1\GCMSDATA\J\121204\BJ001315.D
 Acq On : 4 Dec 2012 17:41
 Sample : PB67200BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 5 11:27 2012

Vial: 5
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 PB67200BSD

Quant Results File: BJ112712.M

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	252726	2.00	ug/mL	-0.02
6) Naphthalene-d8	5.62	136	1015078	2.00	ug/mL	-0.02

System Monitoring Compounds

10) Tripropylphosphate	6.69	99	222293	0.44	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.00%
12) 2-Bromothioanisole	6.92	204	398622	4.72	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.27	79	397362	3.05	ug/mL	95
4) DIMP	4.64	97	519022	1.77	ug/mL	92
5) 1,4-Oxathiane	3.40	46	656929	4.31	ug/mL	93
7) 1,4-Dithiane	4.78	46	538459	4.38	ug/mL	97
8) Thiodiglycol	5.55	61	3689071	35.41	ug/mL	98
9) Benzothiazole	5.91	135	2837626	10.01	ug/mL	99
11) p-Chlorophenylmethylsulfid	6.16	158	1626793	9.16	ug/mL	97
13) p-Chlorophenylmethylsulfox	7.59	159	1206596	10.06	ug/mL	97
14) p-Chlorophenylmethylsulfon	7.79	111	1555345	8.93	ug/mL	96

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Misc : WATER BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 5 11:27 2012

Quant Results File: BJ112712.1.RES

Instrument :

BNA_J

ClientSampleId :

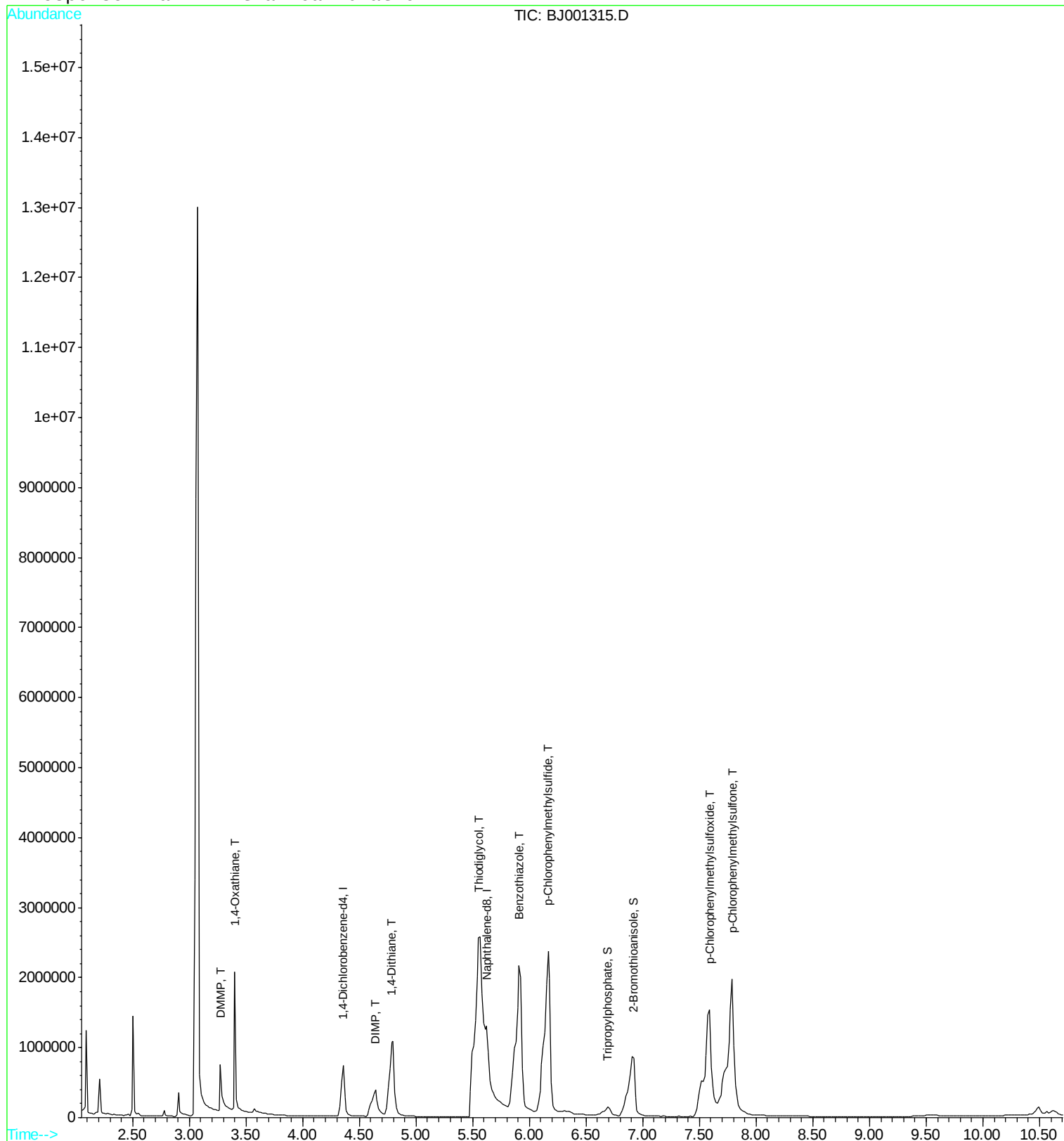
PB67200BSD

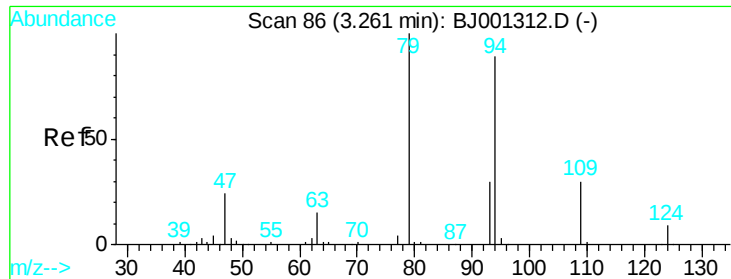
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration

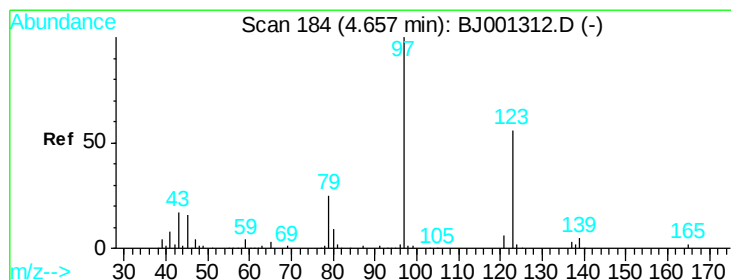
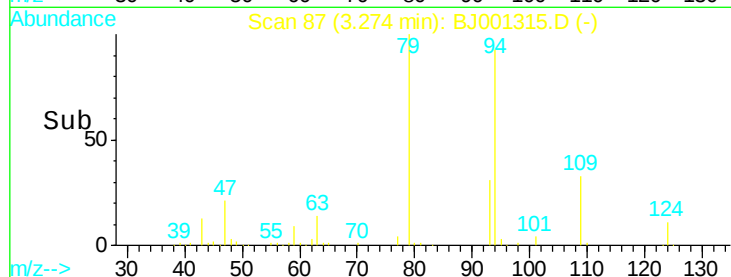
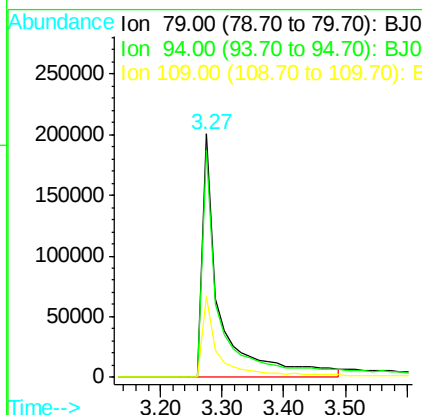
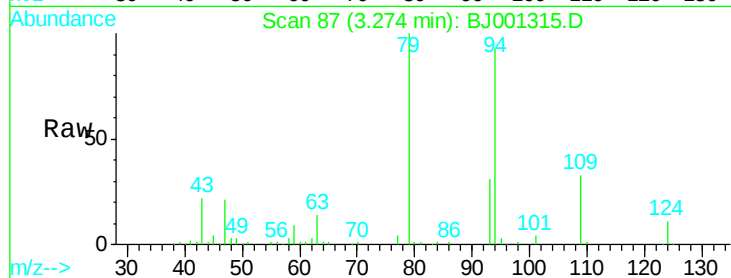




#3
DMMP
Concen: 3.05 ug/mL
RT: 3.27 min Scan# 87
Delta R.T. 0.01 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

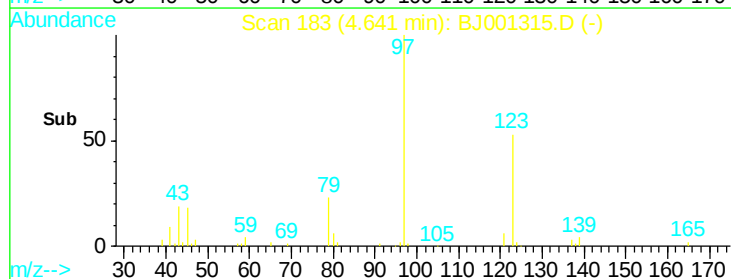
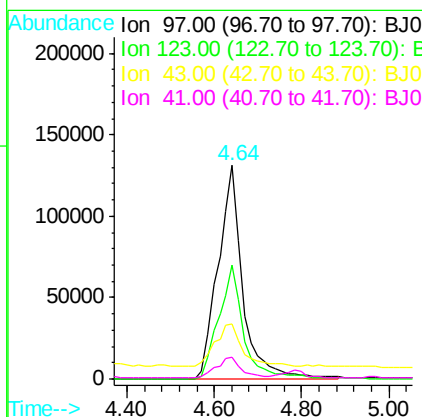
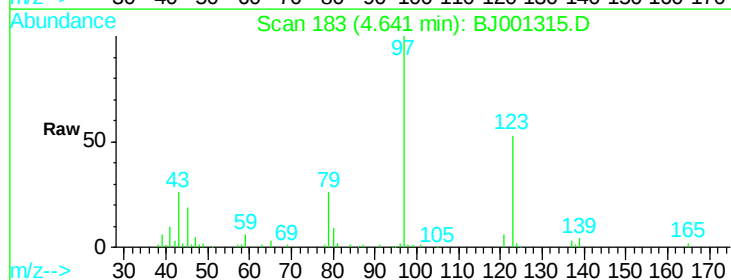
Instrument :
BNA_J
ClientSampleId :
PB67200BSD

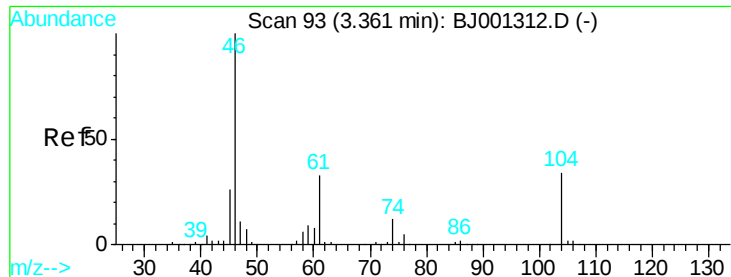
Tgt Ion: 79 Resp: 397362
Ion Ratio Lower Upper
79 100
94 93.1 69.1 109.1
109 33.5 10.5 50.5



#4
DIMP
Concen: 1.77 ug/mL
RT: 4.64 min Scan# 183
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion: 97 Resp: 519022
Ion Ratio Lower Upper
97 100
123 53.4 36.4 76.4
43 26.0 0.0 37.2
41 10.1 0.0 28.0

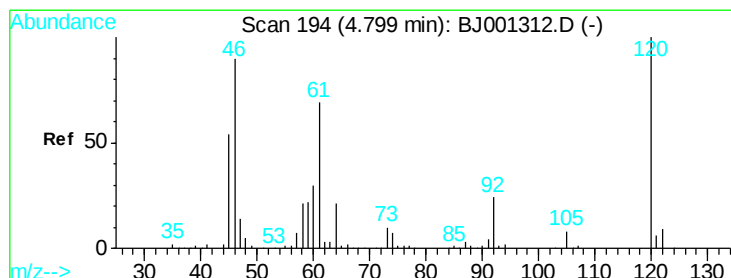
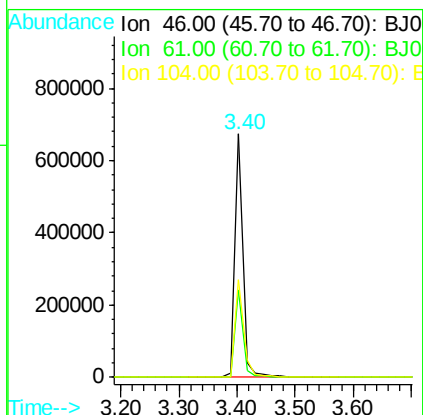
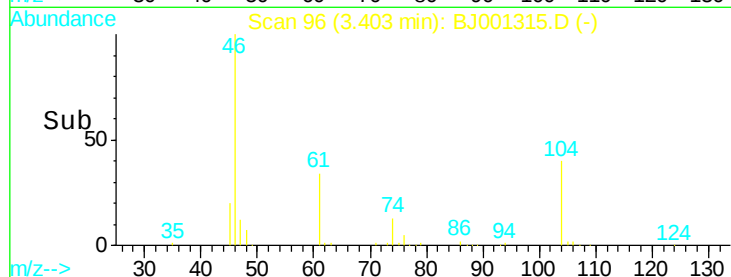
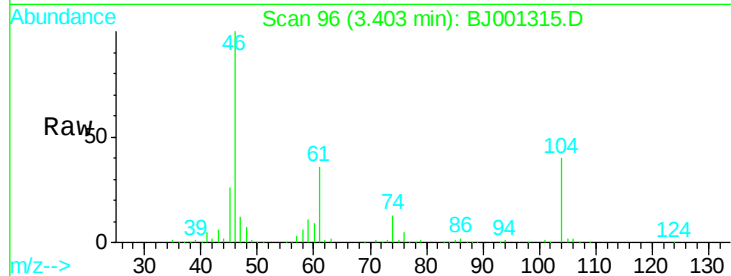




#5
 1,4-Oxathiane
 Concen: 4.31 ug/mL
 RT: 3.40 min Scan# 96
 Delta R.T. 0.04 min
 Lab File: BJ001315.D
 Acq: 4 Dec 2012 17:41

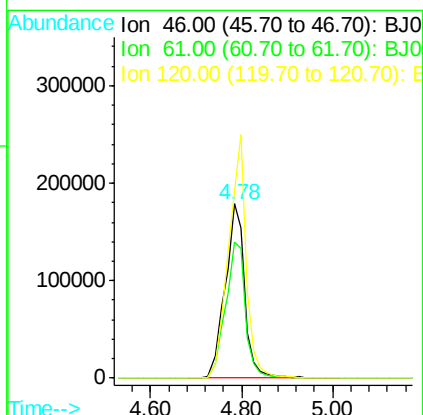
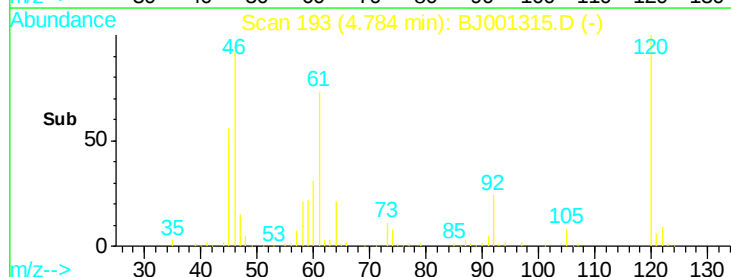
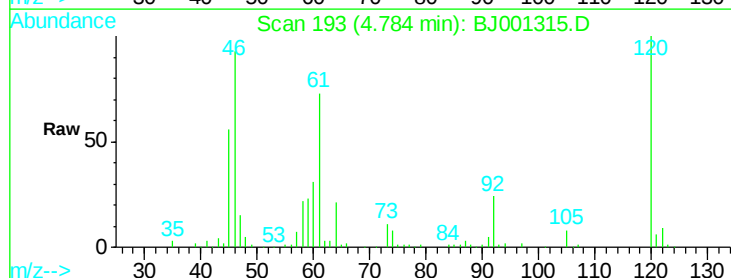
Instrument :
 BNA_J
 ClientSampleId :
 PB67200BSD

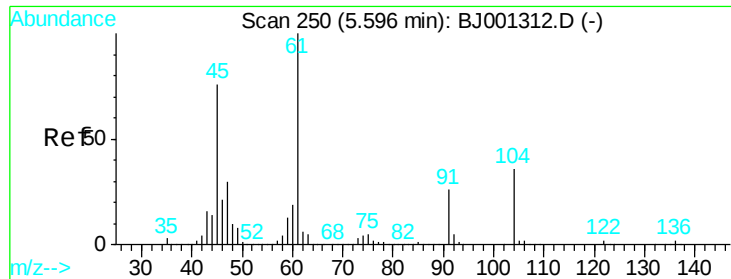
Tgt Ion: 46 Resp: 656929
 Ion Ratio Lower Upper
 46 100
 61 35.8 13.2 53.2
 104 39.9 14.2 54.2



#7
 1,4-Dithiane
 Concen: 4.38 ug/mL
 RT: 4.78 min Scan# 193
 Delta R.T. -0.02 min
 Lab File: BJ001315.D
 Acq: 4 Dec 2012 17:41

Tgt Ion: 46 Resp: 538459
 Ion Ratio Lower Upper
 46 100
 61 78.1 57.0 97.0
 120 107.3 91.5 131.5





#8

Thiodiglycol

Concen: 35.41 ug/mL

RT: 5.55 min Scan# 247

Delta R.T. -0.04 min

Lab File: BJ001315.D

Acq: 4 Dec 2012 17:41

Instrument :

BNA_J

ClientSampleId :

PB67200BSD

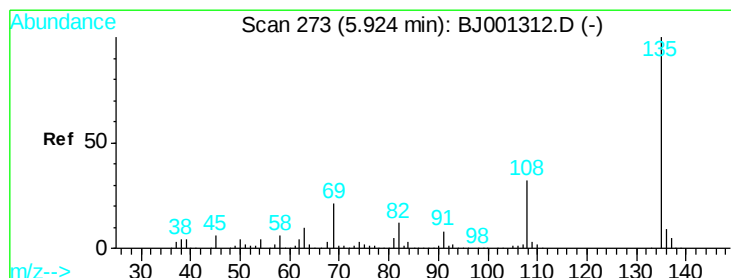
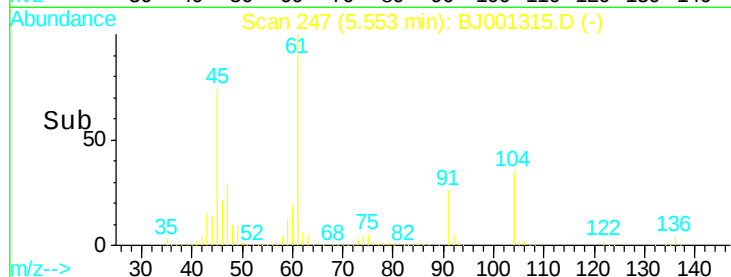
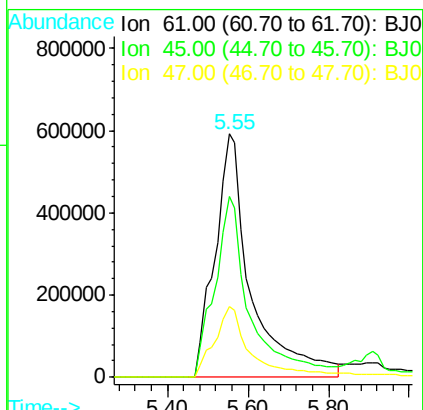
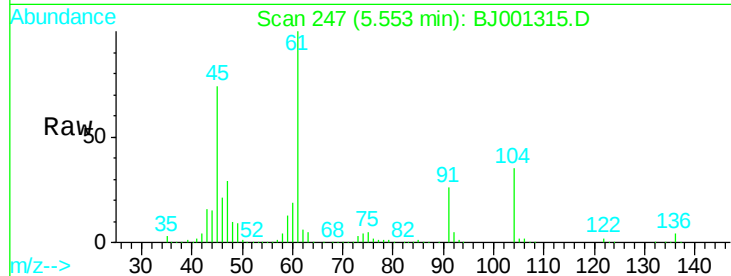
Tgt Ion: 61 Resp: 3689071

Ion Ratio Lower Upper

61 100

45 74.2 56.0 96.0

47 29.2 10.0 50.0



#9

Benzothiazole

Concen: 10.01 ug/mL

RT: 5.91 min Scan# 272

Delta R.T. -0.02 min

Lab File: BJ001315.D

Acq: 4 Dec 2012 17:41

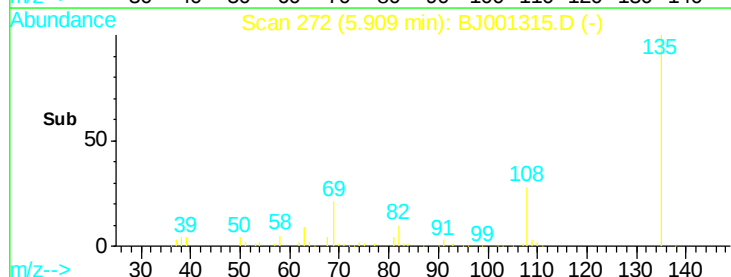
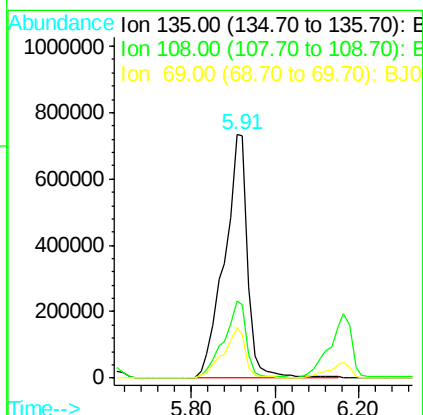
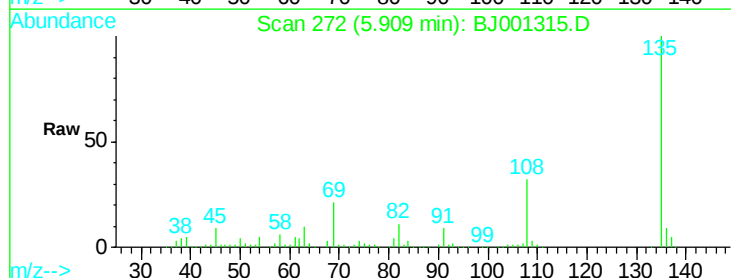
Tgt Ion:135 Resp: 2837626

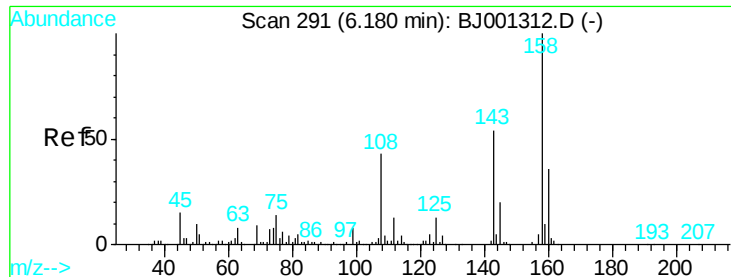
Ion Ratio Lower Upper

135 100

108 31.7 12.0 52.0

69 20.8 1.1 41.1

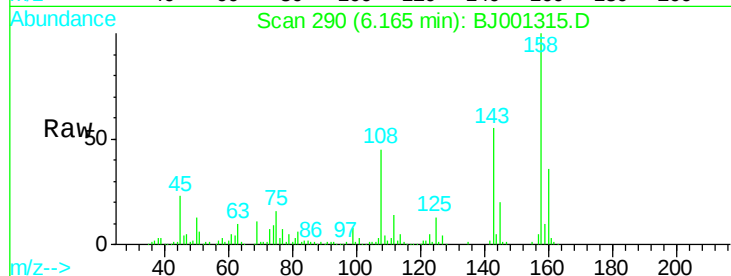




#11
p-Chlorophenylmethylsulfide
Concen: 9.16 ug/mL
RT: 6.16 min Scan# 290
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion:158 Resp: 1626793
Ion Ratio Lower Upper
158 100
143 54.7 34.4 74.4
108 44.7 22.9 62.9
45 22.8 0.0 36.9



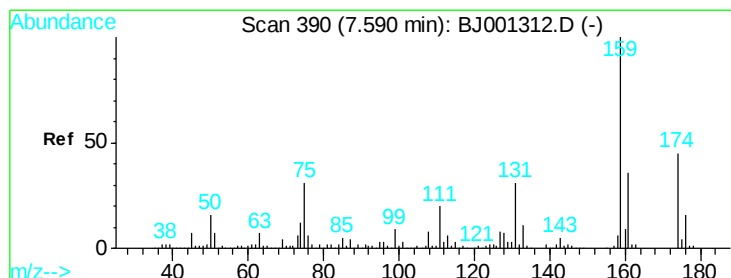
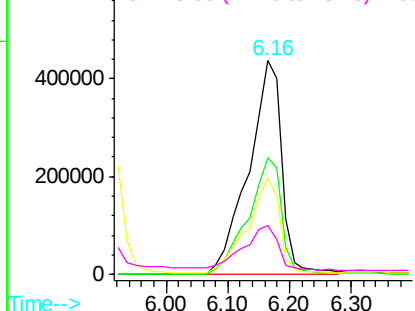
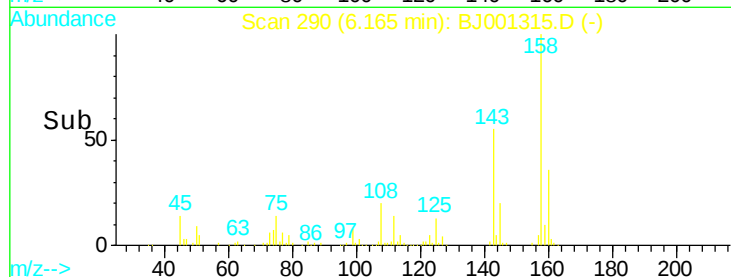
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

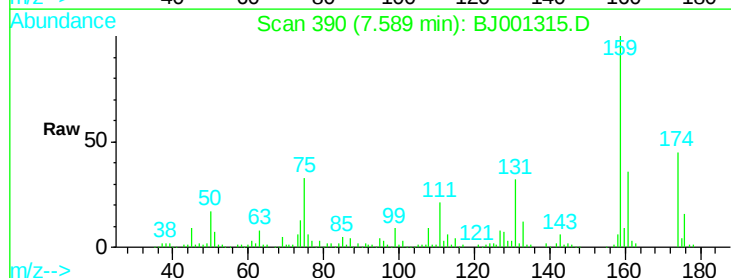
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 10.06 ug/mL
RT: 7.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion:159 Resp: 1206596
Ion Ratio Lower Upper
159 100
174 44.5 26.4 66.4
108 10.0 0.0 29.6
50 21.6 3.3 43.3



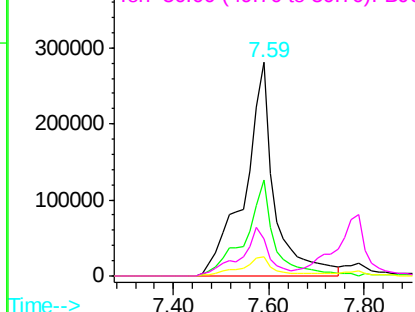
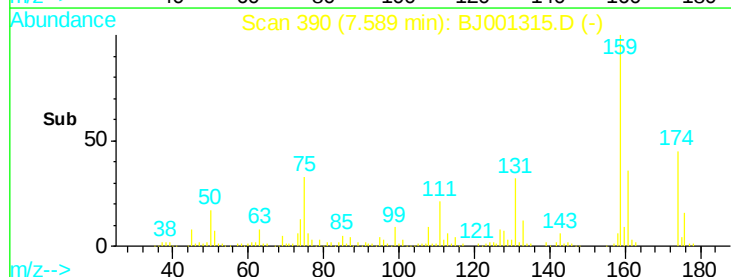
Abundance

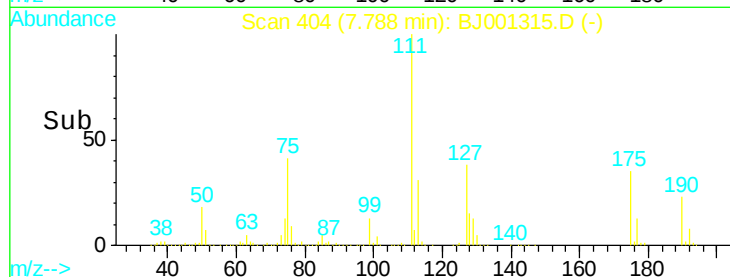
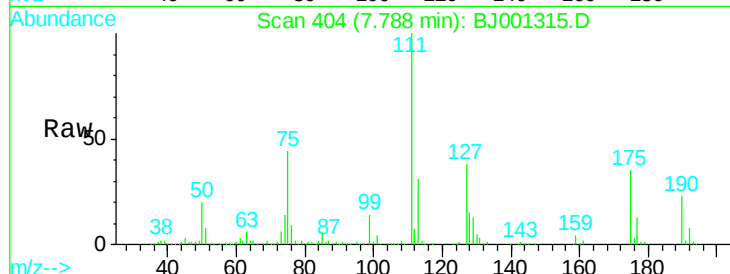
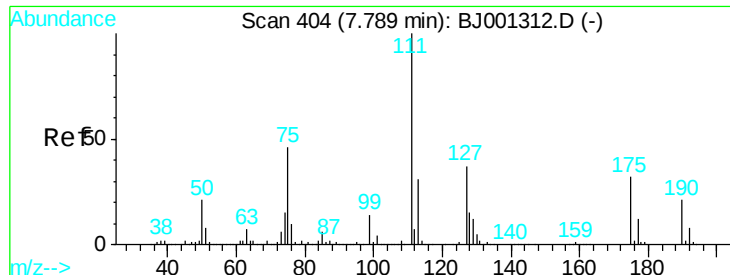
Ion 159.00 (158.70 to 159.70): E

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: 8.93 ug/mL
 RT: 7.79 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BJ001315.D
 Acq: 4 Dec 2012 17:41

Instrument :
 BNA_J
 ClientSampleId :
 PB67200BSD

Tgt Ion:111 Resp: 1555345
 Ion Ratio Lower Upper
 111 100
 75 44.0 27.3 67.3
 127 38.4 17.0 57.0
 190 22.5 0.8 40.8

