

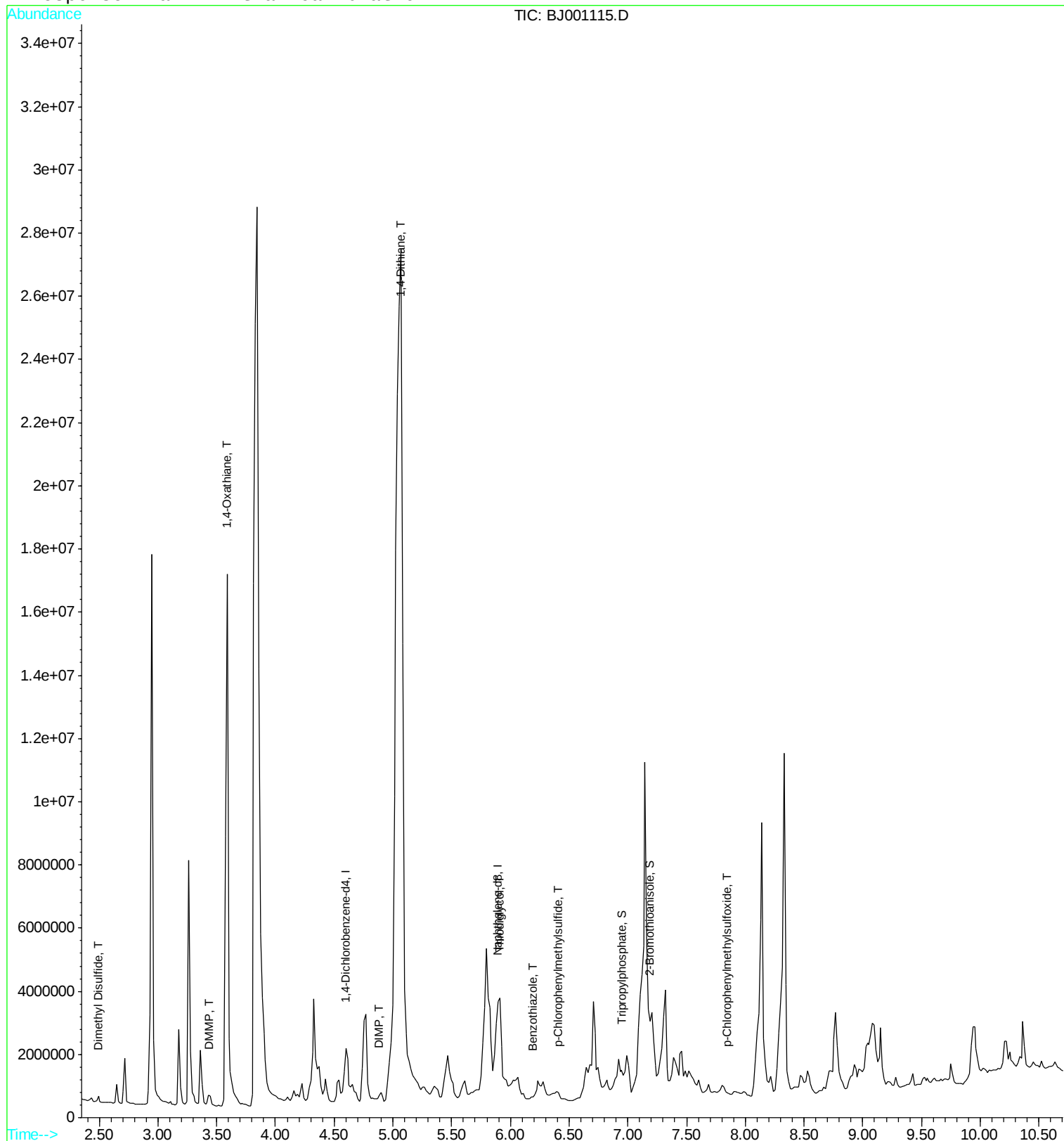
Data File : H:\VOL1\GCMSDATA\J\120911\BJ001115.D
Acq On : 11 Sep 2012 20:57
Sample : D4061-02
Misc : WATER BNA J HLM
MS Integration Params: rteint.p
Quant Time: Sep 12 10:47 2012

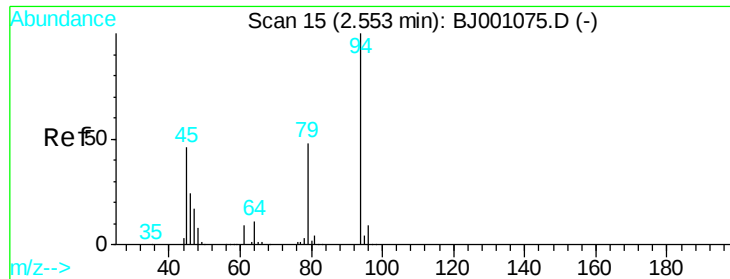
Vial: 7
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Instrument :
BNA_J
ClientSampleId :
INF-090612

Quant Results File: BJ091112.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Tue Sep 11 15:37:34 2012
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 0.12 ug/mL

RT: 2.49 min Scan# 11

Delta R.T. 0.03 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

Instrument :

BNA_J

ClientSampleId :

INF-090612

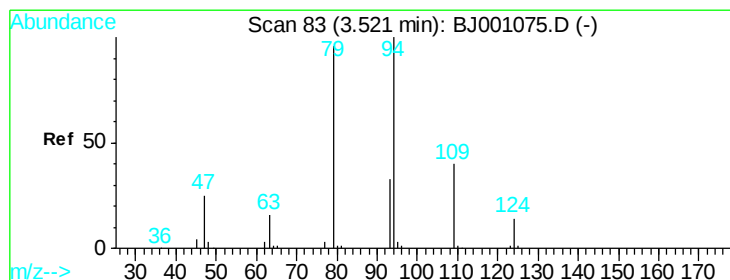
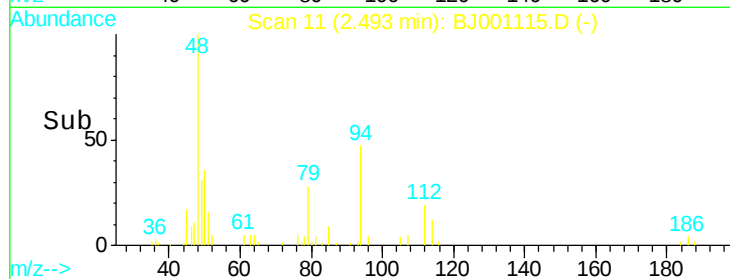
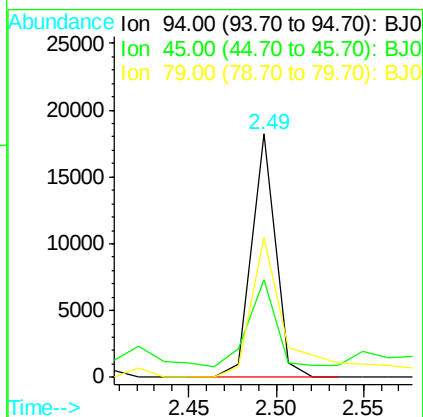
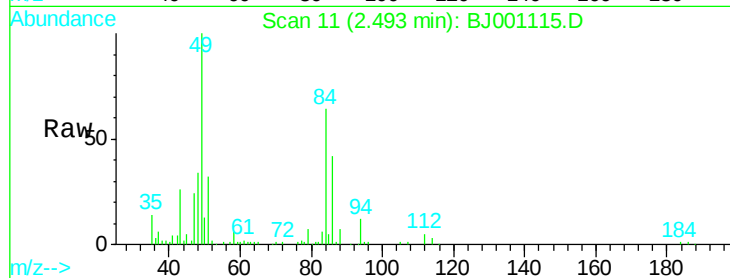
Tgt Ion: 94 Resp: 17340

Ion Ratio Lower Upper

94 100

45 40.3 12.7 52.7

79 57.5 22.9 62.9



#3

DMMP

Concen: 0.17 ug/mL

RT: 3.43 min Scan# 77

Delta R.T. -0.04 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

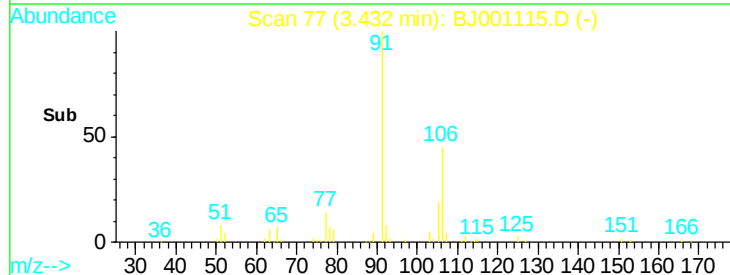
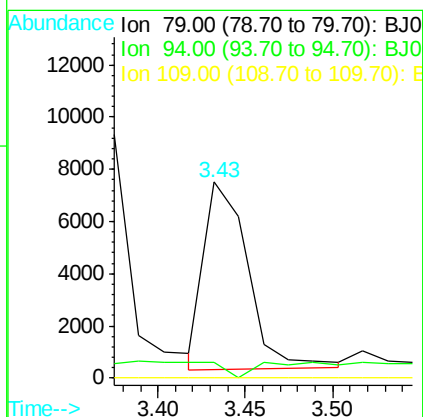
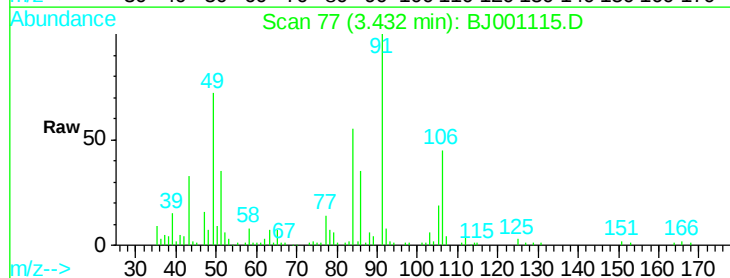
Tgt Ion: 79 Resp: 12671

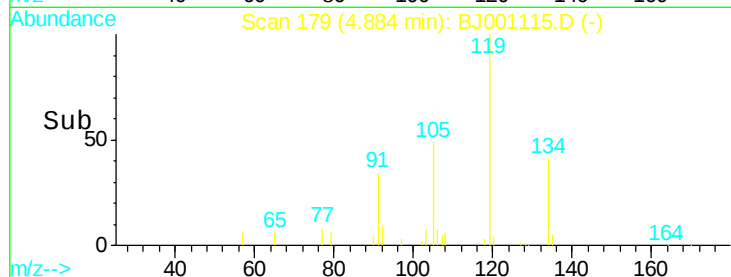
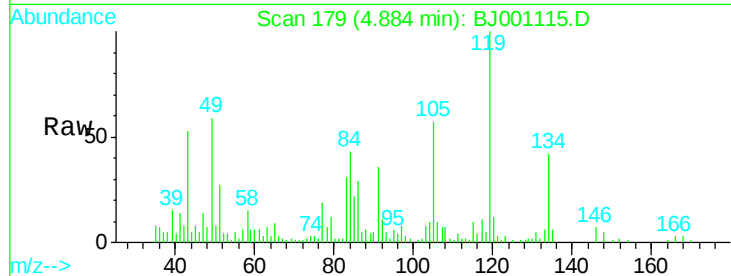
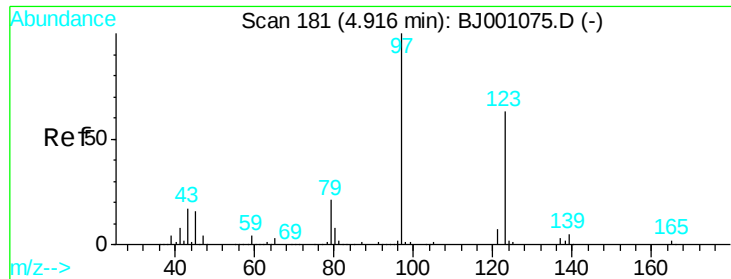
Ion Ratio Lower Upper

79 100

94 7.9 80.9 120.9#

109 0.0 20.3 60.3#





#4

DIMP

Concen: 0.11 ug/mL

RT: 4.88 min Scan# 179

Delta R.T. 0.00 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

Instrument :

BNA_J

ClientSampleId :

INF-090612

Tgt Ion: 97 Resp: 9537

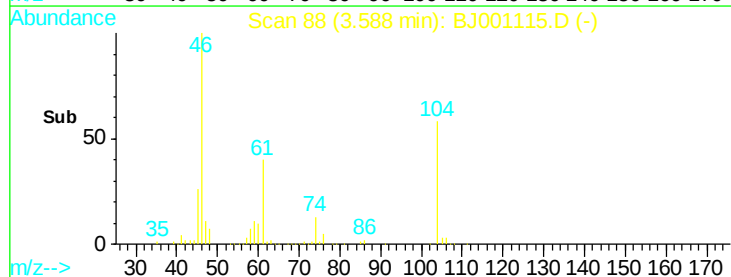
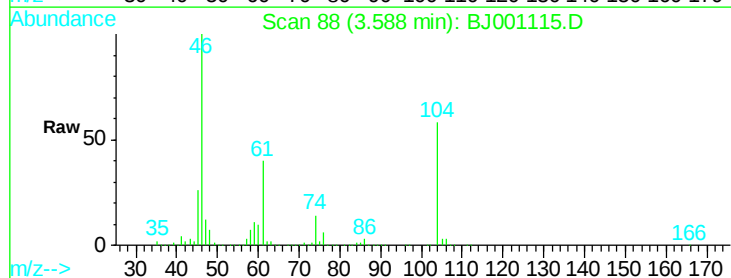
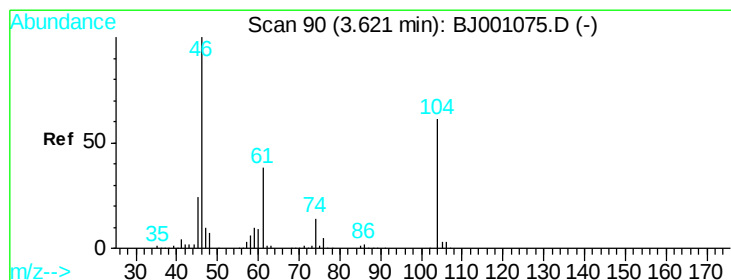
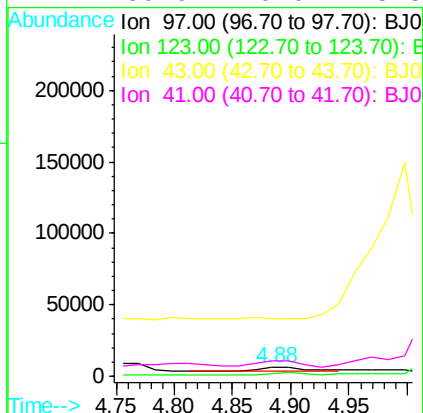
Ion Ratio Lower Upper

97 100

123 34.6 47.2 87.2#

43 648.5 0.0 36.5#

41 169.9 0.0 28.5#



#5

1,4-Oxathiane

Concen: 58.72 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. 0.02 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

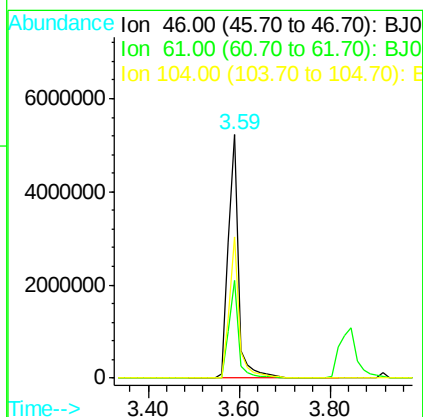
Tgt Ion: 46 Resp: 8297175

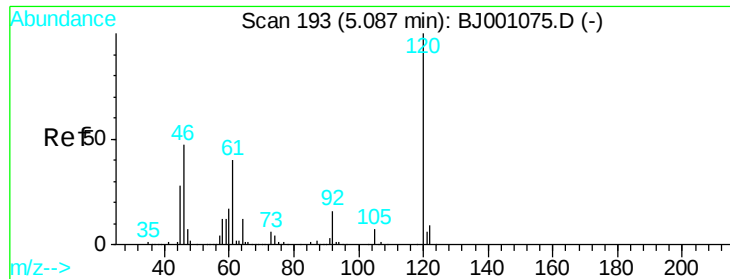
Ion Ratio Lower Upper

46 100

61 40.3 17.1 57.1

104 58.2 29.3 69.3





#7

1,4-Dithiane

Concen: 118.67 ug/mL

RT: 5.07 min Scan# 192

Delta R.T. 0.03 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

Instrument :

BNA_J

ClientSampleId :

INF-090612

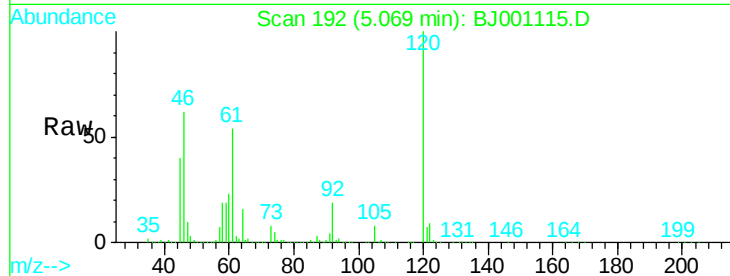
Tgt Ion: 46 Resp:14784833

Ion Ratio Lower Upper

46 100

61 85.9 60.0 100.0

120 160.6 138.1 178.1

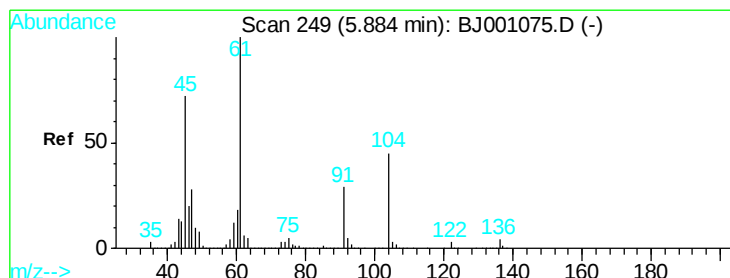
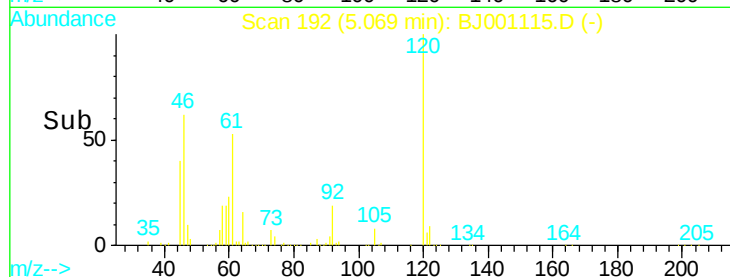
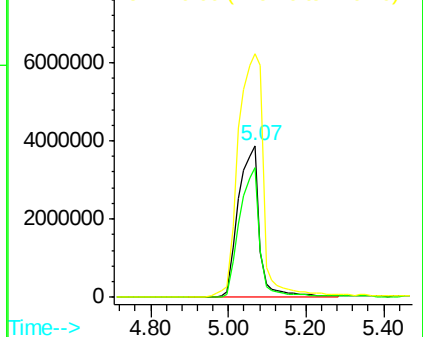


Abundance

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: 0.69 ug/mL

RT: 5.91 min Scan# 251

Delta R.T. 0.07 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

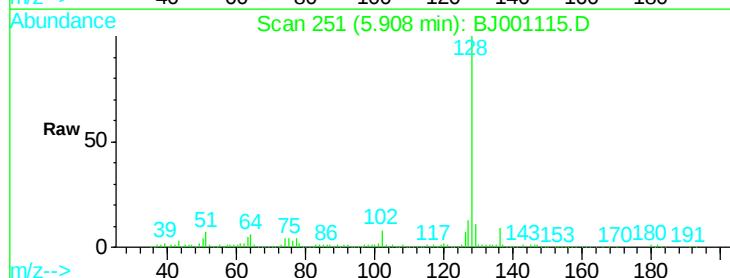
Tgt Ion: 61 Resp: 81520

Ion Ratio Lower Upper

61 100

45 65.6 54.0 94.0

47 28.9 9.6 49.6

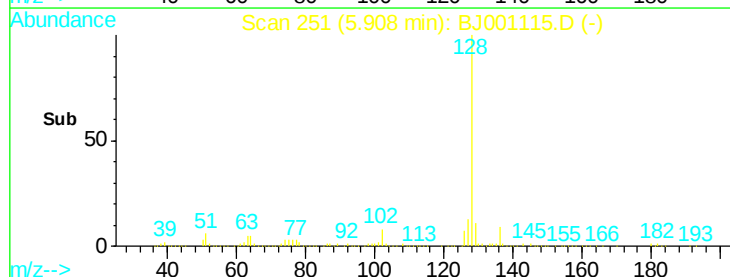
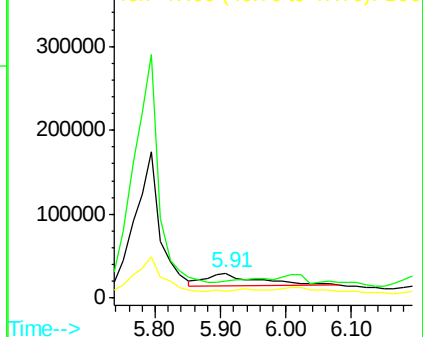


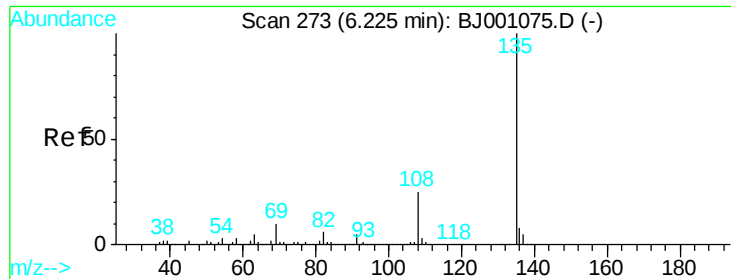
Abundance

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: 0.03 ug/mL

RT: 6.19 min Scan# 271

Delta R.T. 0.00 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

Instrument :

BNA_J

ClientSampled :

INF-090612

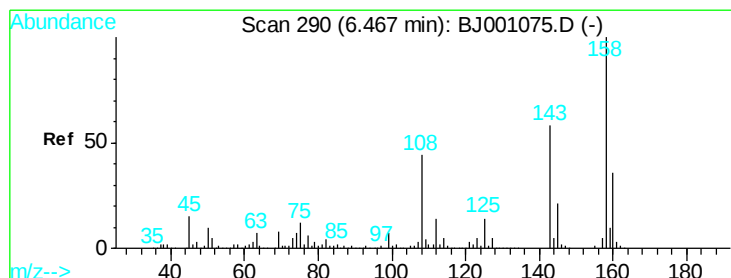
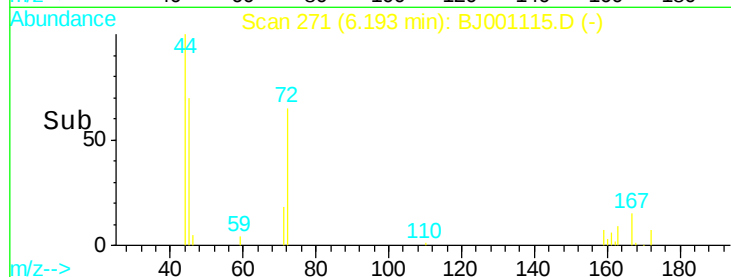
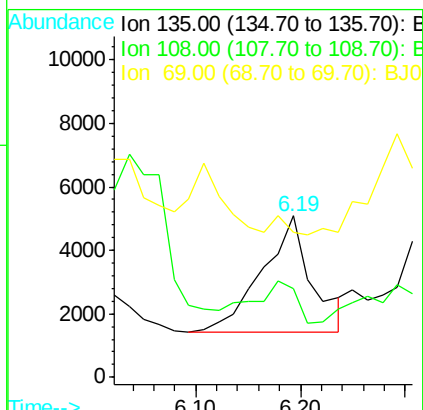
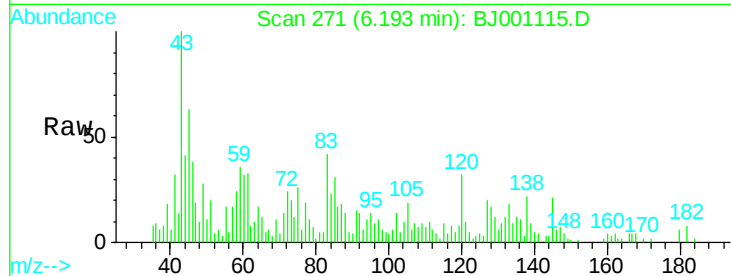
Tgt Ion:135 Resp: 12104

Ion Ratio Lower Upper

135 100

108 55.2 5.8 45.8#

69 90.0 0.0 30.2#



#11

p-Chlorophenylmethylsulfide

Concen: 0.02 ug/mL

RT: 6.41 min Scan# 286

Delta R.T. -0.03 min

Lab File: BJ001115.D

Acq: 11 Sep 2012 20:57

Tgt Ion:158 Resp: 5261

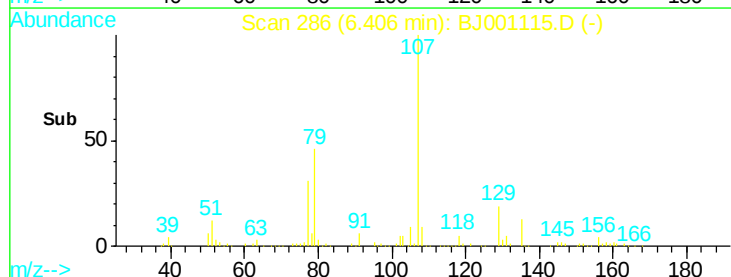
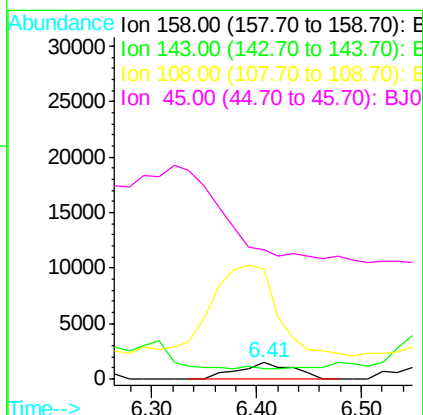
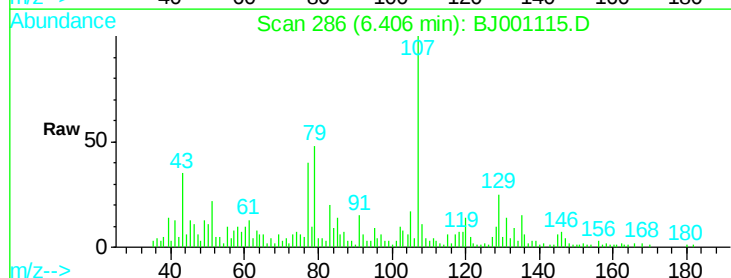
Ion Ratio Lower Upper

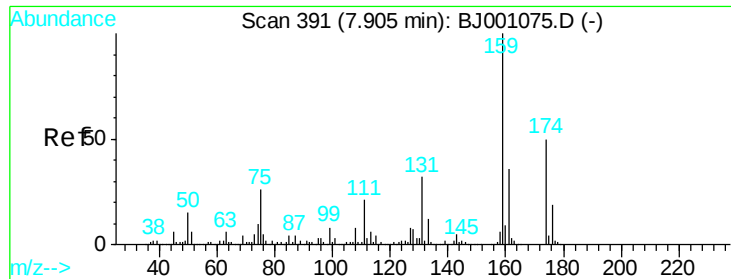
158 100

143 66.9 39.2 79.2

108 682.4 24.9 64.9#

45 806.2 0.0 36.2#

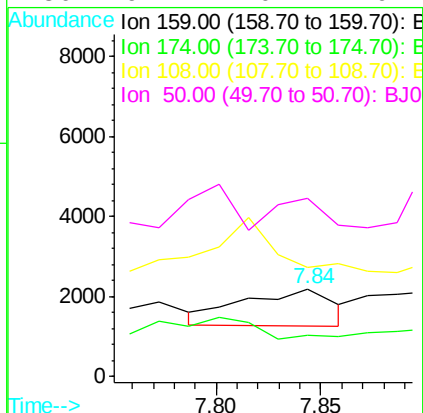
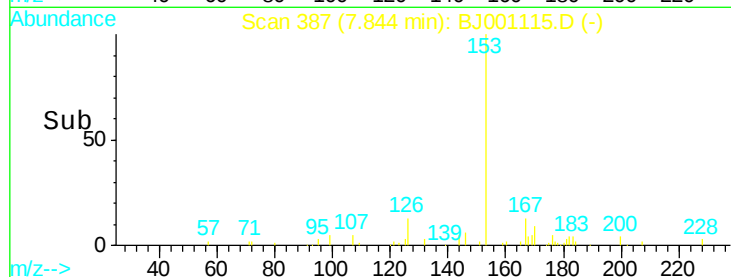
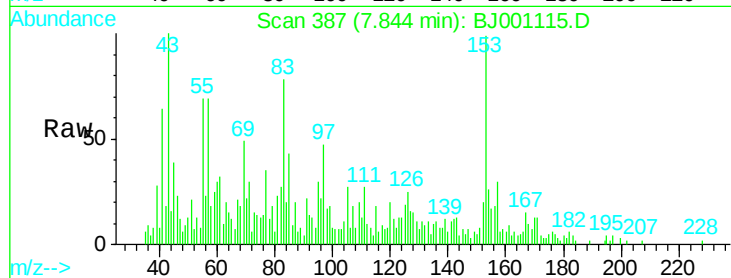




#13
 p-Chlorophenylmethylsulfoxide
 Concen: 0.02 ug/mL
 RT: 7.84 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: BJ001115.D
 Acq: 11 Sep 2012 20:57

Instrument :
 BNA_J
 ClientSampleId :
 INF-090612

Tgt Ion:	159	Resp:	2722
Ion Ratio	Lower	Upper	
159	100		
174	0.0	27.2	67.2#
108	0.0	0.0	29.4
50	91.4	0.7	40.7#



Data File : H:\VOL1\GCMSDATA\J\120911\BJ001115.D
 Acq On : 11 Sep 2012 20:57
 Sample : D4061-02
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 12 10:47 2012

Vial: 7
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 INF-090612

Quant Results File: BJ091112.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Sep 11 15:37:34 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.60	152	336331	2.00	ug/mL	0.00
6) Naphthalene-d8	5.89	136	1460284	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.95	99	326462	0.52	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
12) 2-Bromothioanisole	7.19	204	493191	4.37	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.49	94	17340	0.12	ug/mL	81
3) DMMP	3.43	79	12671	0.17	ug/mL#	15
4) DIMP	4.88	97	9537	0.11	ug/mL#	1
5) 1,4-Oxathiane	3.59	46	8297175	58.72	ug/mL	90
7) 1,4-Dithiane	5.07	46	14784833	118.67	ug/mL	96
8) Thiodiglycol	5.91	61	81520	0.69	ug/mL	93
9) Benzothiazole	6.19	135	12104	0.03	ug/mL#	1
11) p-Chlorophenylmethyldisulfide	6.41	158	5261	0.02	ug/mL#	1
13) p-Chlorophenylmethyldisulfox	7.84	159	2722	0.02	ug/mL#	13
14) p-Chlorophenylmethyldisulfon	8.17	111	49556	-0.33	ug/mL	85