

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001322.D
 Acq On : 10 Dec 2012 17:02
 Sample : CWA-6
 Misc : BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 10 18:24 2012

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

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

Quant Results File: BJ121012.F

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.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	4.31	152	63057	2.00	ug/mL	-0.06
6) Naphthalene-d8	5.54	136	181361	2.00	ug/mL	-0.10

System Monitoring Compounds

10) Tripropylphosphate	6.60	99	167564	1.85	ug/mL	-0.09
Spiked Amount	0.500	Range	70 - 130	Recovery	=	370.00%#
12) 2-Bromothioanisole	6.82	204	694370	45.99	ug/mL	-0.10
Spiked Amount	5.000	Range	70 - 130	Recovery	=	919.80%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.32	94	256930	7.77	ug/mL#	29
3) DMMP	3.30	79	728201	22.39	ug/mL	97
4) DIMP	4.60	97	110640	1.52	ug/mL	82
5) 1,4-Oxathiane	3.40	46	2124987	55.83	ug/mL	90
7) 1,4-Dithiane	4.61	46	986024	44.88	ug/mL	93
8) Thiodiglycol	5.48	61	388427	20.87	ug/mL	89
9) Benzothiazole	5.82	135	1363699	26.92	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.08	158	1251575	39.45	ug/mL	93
13) p-Chlorophenylmethyldisulfox	7.60	159	1450463	67.65	ug/mL	90
14) p-Chlorophenylmethyldisulfon	7.67	111	344281	11.07	ug/mL	90

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Vial: 3

Acq On : 10 Dec 2012 17:02

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Sample : CWA-6

Inst : BNA J

Misc : BNA_J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Dec 10 18:24 2012

Quant Results File: BJ121012

Instrument :

BNA_J

LabSampleId :

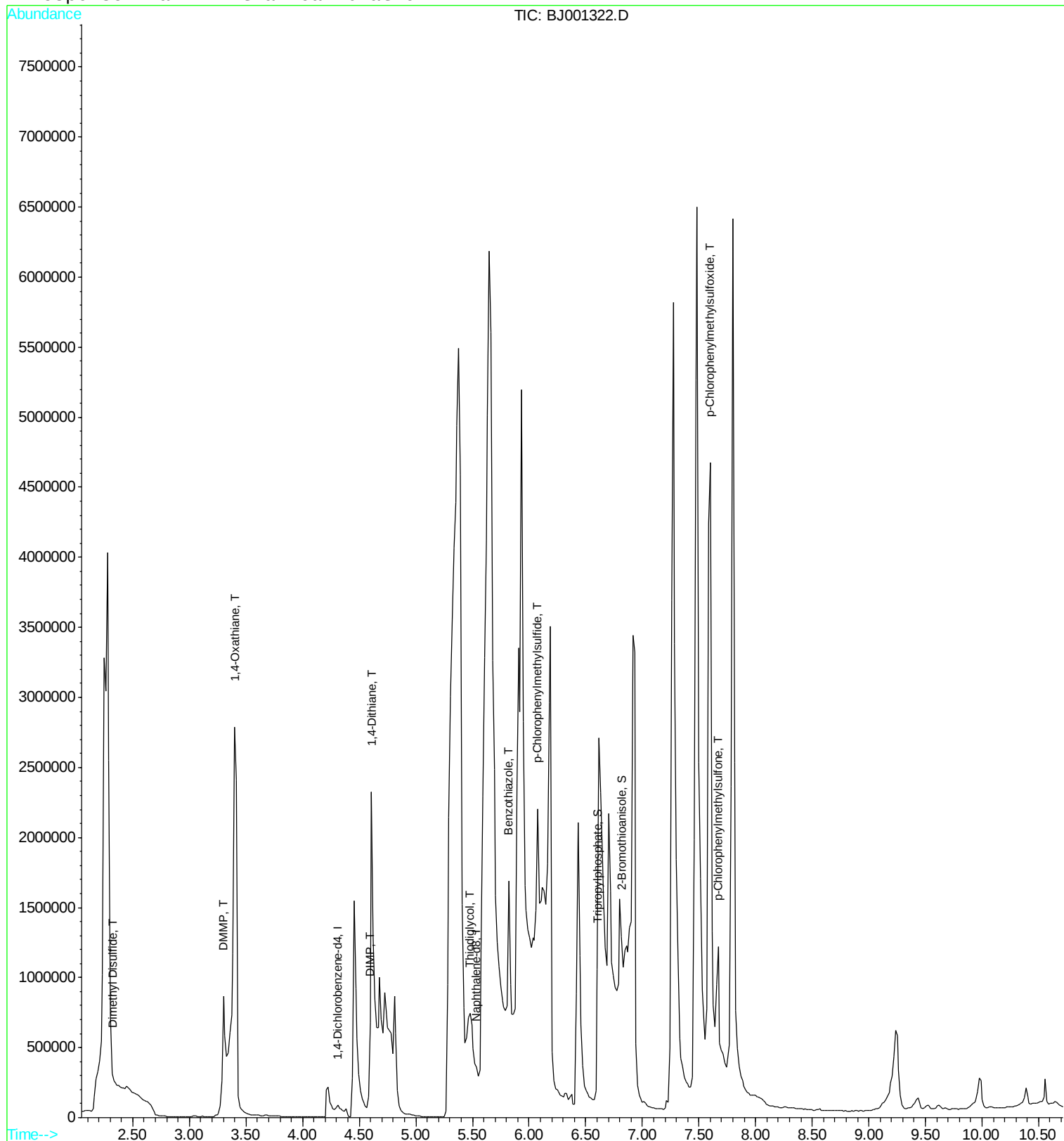
CWA-6

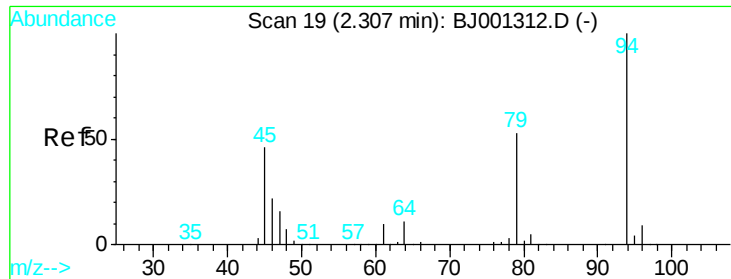
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 7.77 ug/mL

RT: 2.32 min Scan# 20

Delta R.T. 0.01 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

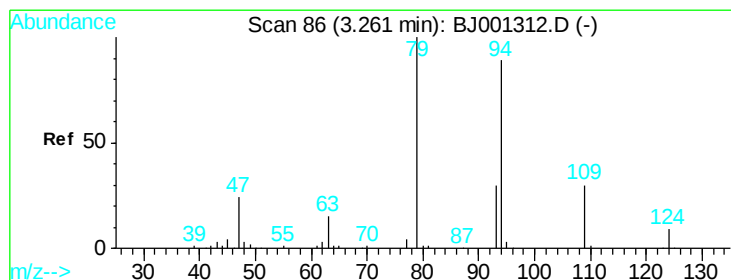
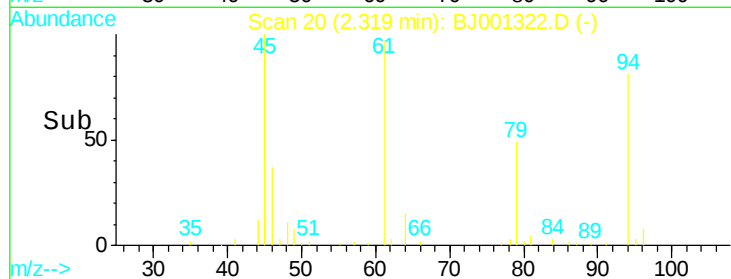
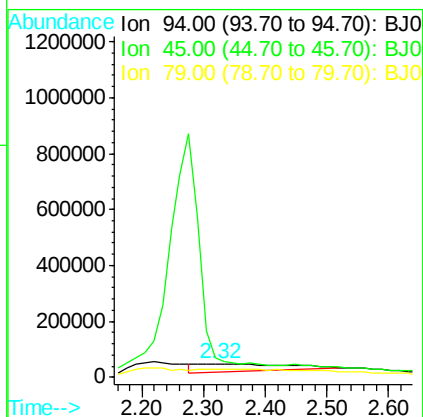
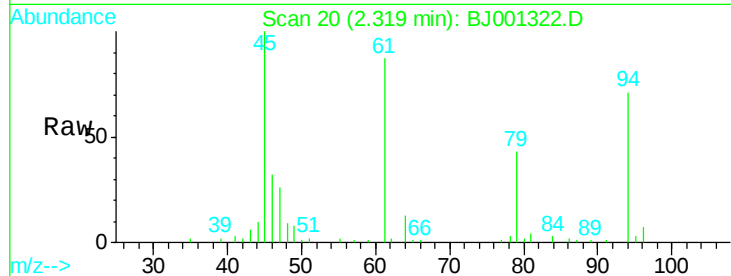
Tgt Ion: 94 Resp: 256930

Ion Ratio Lower Upper

94 100

45 140.7 26.5 66.5#

79 60.3 33.4 73.4



#3

DMMP

Concen: 22.39 ug/mL

RT: 3.30 min Scan# 89

Delta R.T. 0.04 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

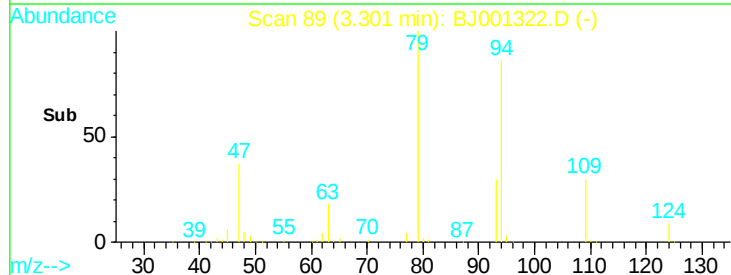
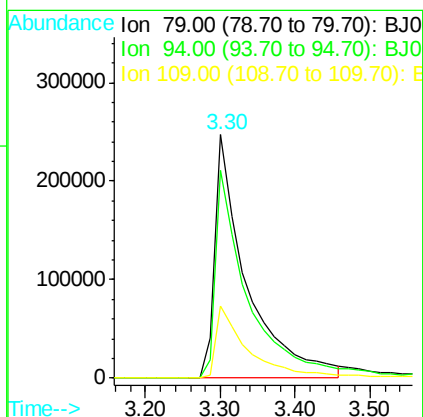
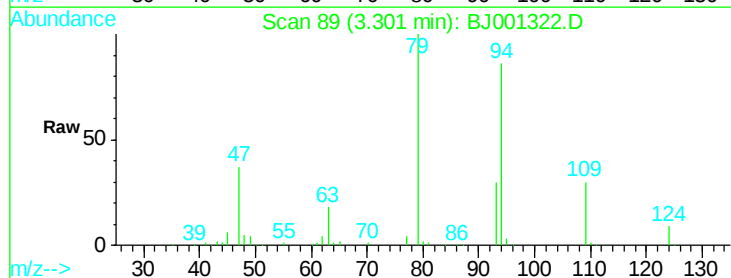
Tgt Ion: 79 Resp: 728201

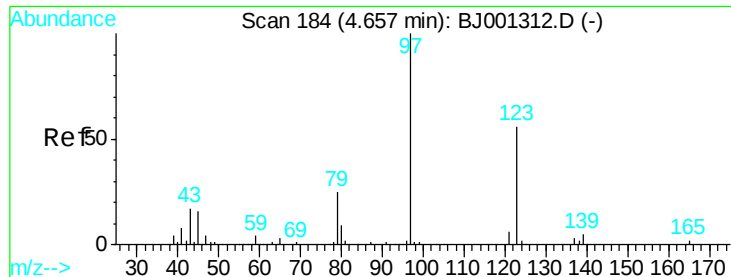
Ion Ratio Lower Upper

79 100

94 85.5 69.1 109.1

109 29.5 10.5 50.5





#4

DIMP

Concen: 1.52 ug/mL

RT: 4.60 min Scan# 180

Delta R.T. -0.06 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 97 Resp: 110640

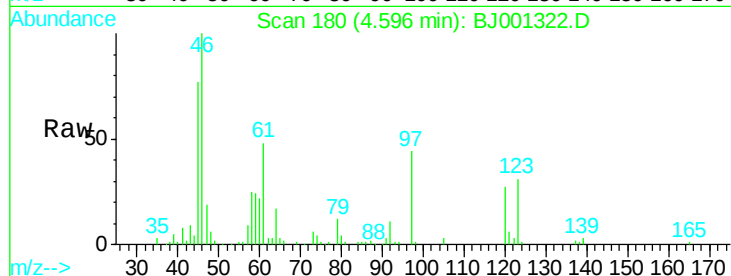
Ion Ratio Lower Upper

97 100

123 71.1 36.4 76.4

43 20.6 0.0 37.2

41 17.3 0.0 28.0



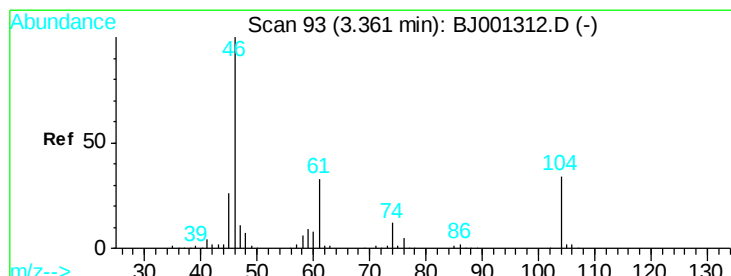
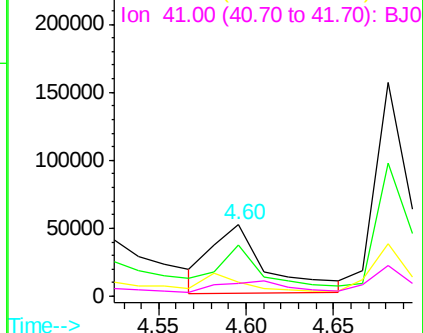
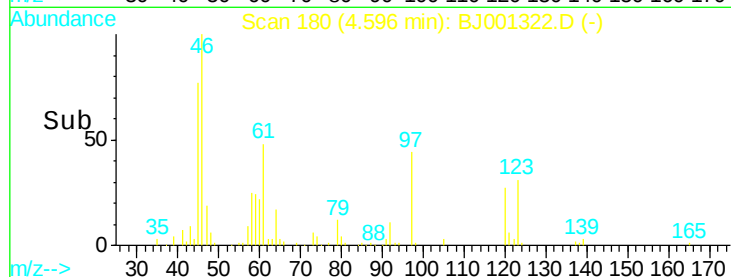
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 55.83 ug/mL

RT: 3.40 min Scan# 96

Delta R.T. 0.04 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

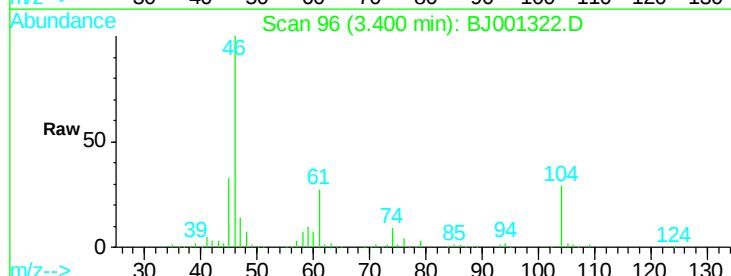
Tgt Ion: 46 Resp: 2124987

Ion Ratio Lower Upper

46 100

61 27.0 13.2 53.2

104 28.8 14.2 54.2

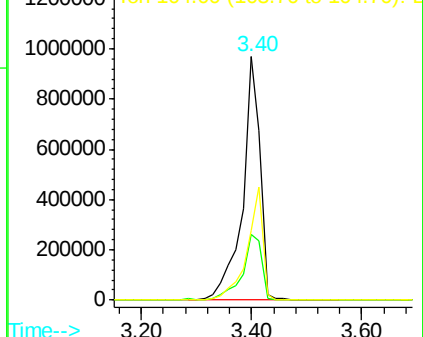
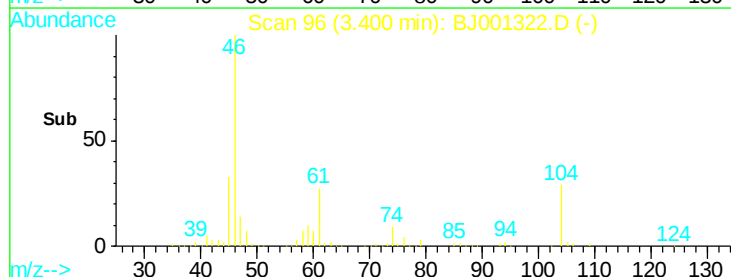


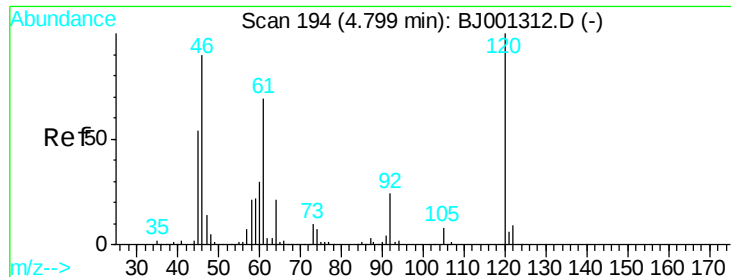
Abundance

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: 44.88 ug/mL

RT: 4.61 min Scan# 181

Delta R.T. -0.19 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

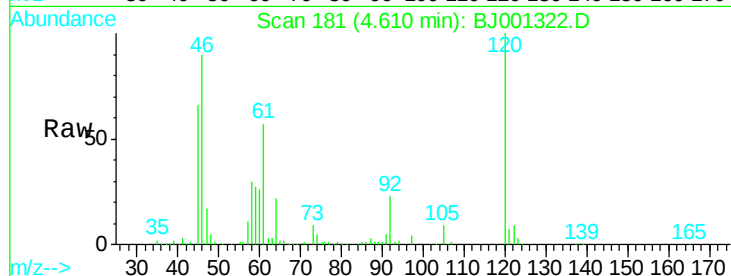
Tgt Ion: 46 Resp: 986024

Ion Ratio Lower Upper

46 100

61 63.4 57.0 97.0

120 110.6 91.5 131.5

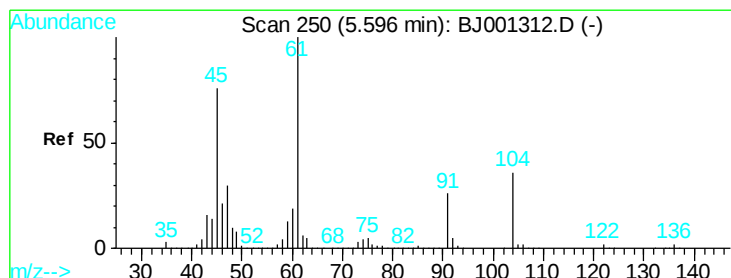
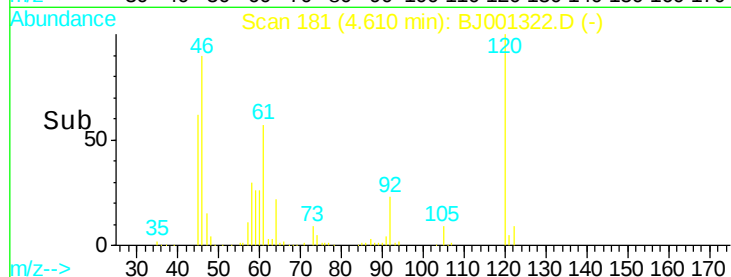
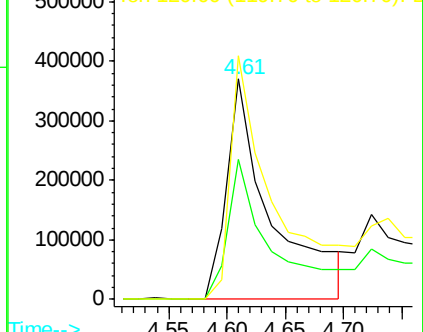


Abundance

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: 20.87 ug/mL

RT: 5.48 min Scan# 242

Delta R.T. -0.12 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

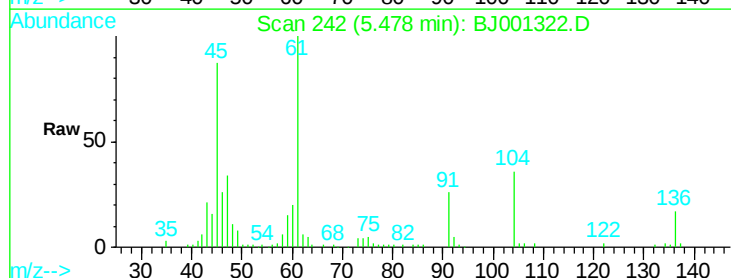
Tgt Ion: 61 Resp: 388427

Ion Ratio Lower Upper

61 100

45 86.6 56.0 96.0

47 34.2 10.0 50.0

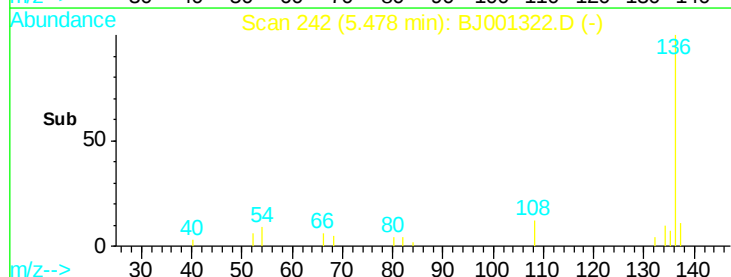
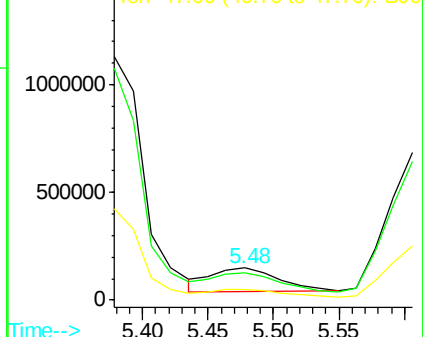


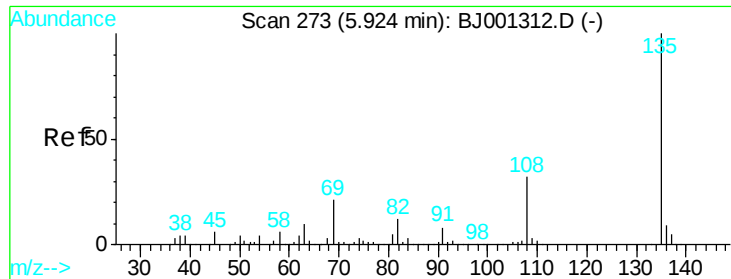
Abundance

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: 26.92 ug/mL

RT: 5.82 min Scan# 266

Delta R.T. -0.10 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

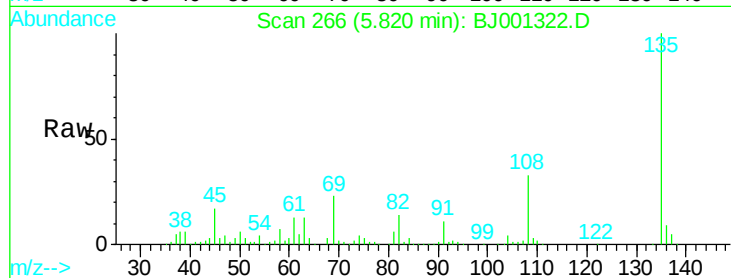
Tgt Ion:135 Resp: 1363699

Ion Ratio Lower Upper

135 100

108 33.3 12.0 52.0

69 23.5 1.1 41.1

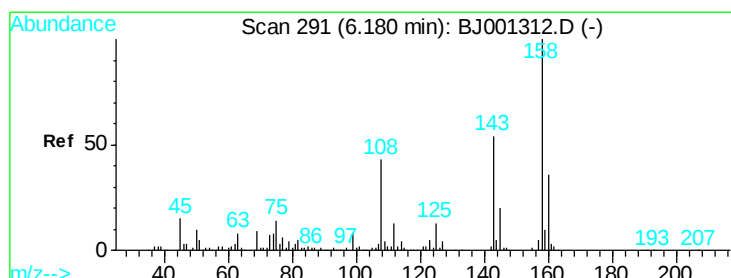
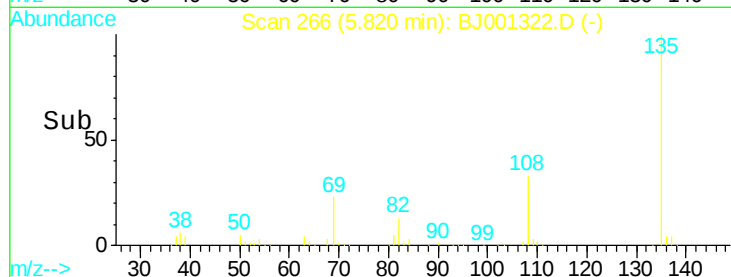
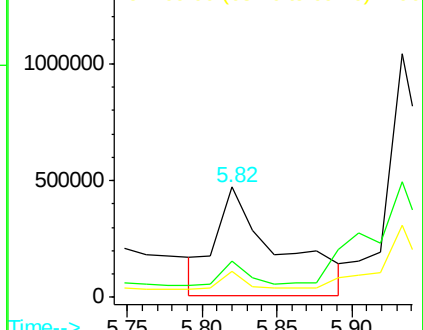


Abundance

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: 39.45 ug/mL

RT: 6.08 min Scan# 284

Delta R.T. -0.10 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Tgt Ion:158 Resp: 1251575

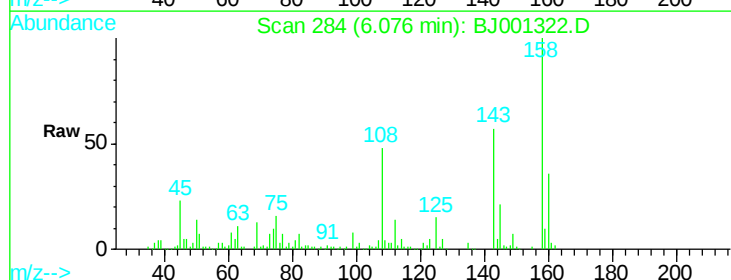
Ion Ratio Lower Upper

158 100

143 56.9 34.4 74.4

108 47.6 22.9 62.9

45 23.4 0.0 36.9



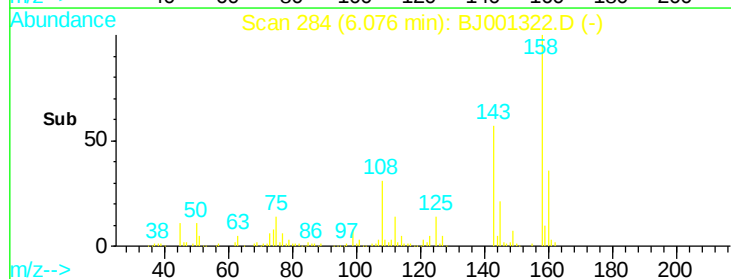
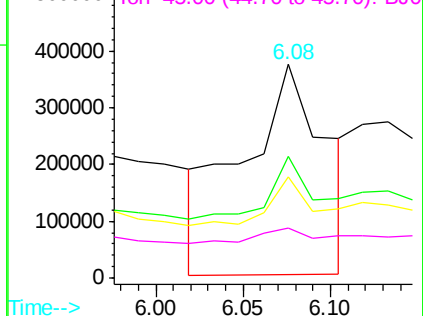
Abundance

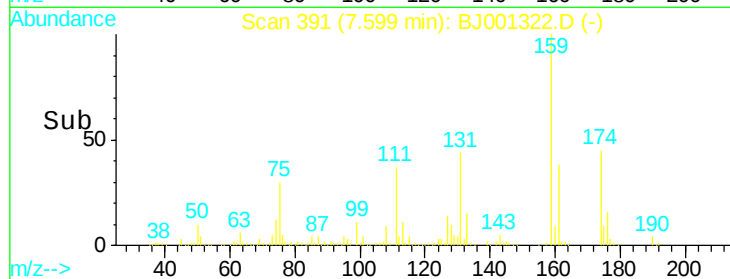
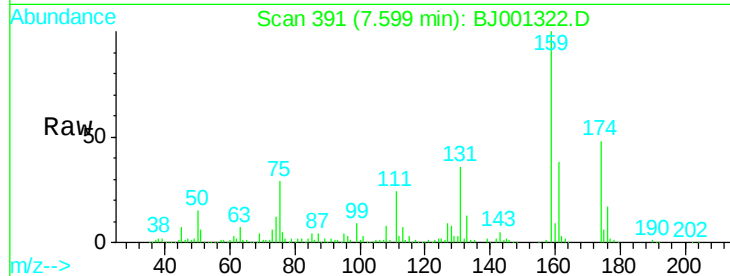
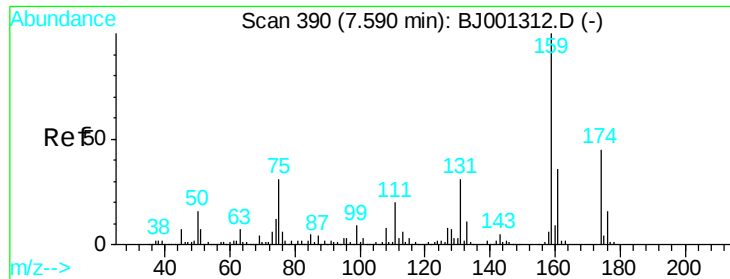
Ion 158.00 (157.70 to 158.70): E

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

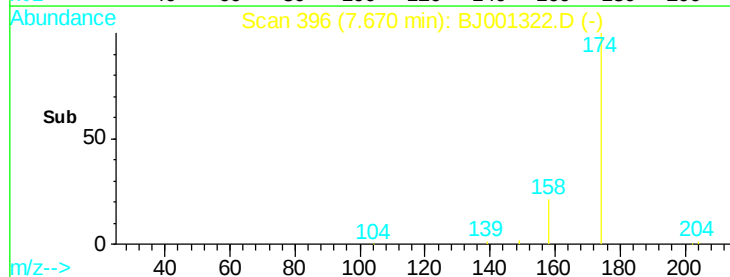
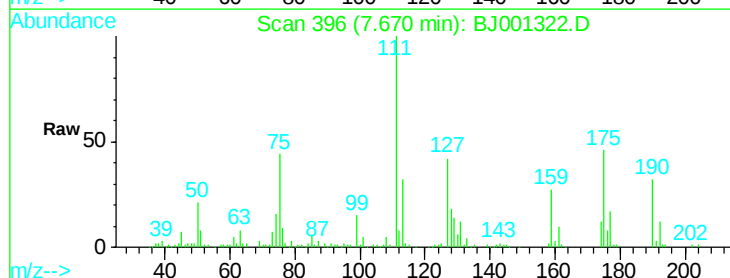
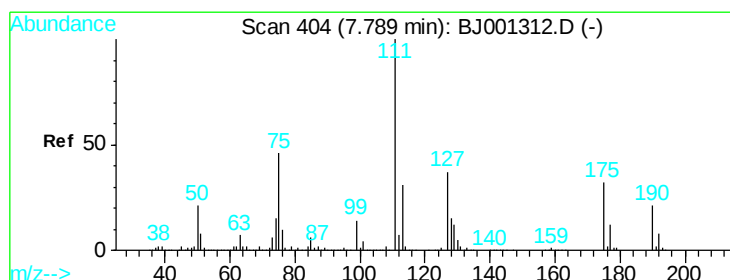
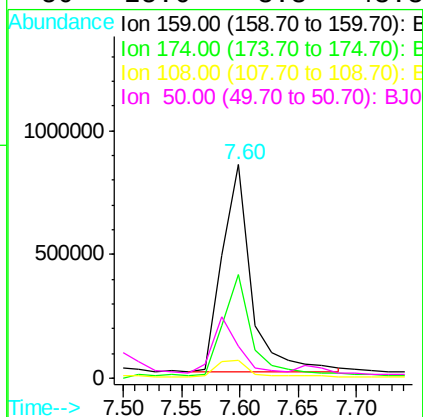




#13
p-Chlorophenylmethylsulfoxide
Concen: 67.65 ug/mL
RT: 7.60 min Scan# 391
Delta R.T. 0.01 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:159 Resp: 1450463
Ion Ratio Lower Upper
159 100
174 56.6 26.4 66.4
108 9.6 0.0 29.6
50 25.6 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 11.07 ug/mL
RT: 7.67 min Scan# 396
Delta R.T. -0.12 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Tgt Ion:111 Resp: 344281
Ion Ratio Lower Upper
111 100
75 43.6 27.3 67.3
127 41.7 17.0 57.0
190 31.7 0.8 40.8

