

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001326.D
 Acq On : 10 Dec 2012 18:11
 Sample : CWA-1
 Misc : BNA_J HLM
 MS Integration Params: rteint.p
 Quant Time: Dec 10 18:24 2012

Vial: 7
 Operator: HLM
 Inst : BNA_J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-1

Quant Results File: BJ121012.KES

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	4.37	152	223843	2.00	ug/mL	0.00
6) Naphthalene-d8	5.63	136	1083245	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.70	99	39996	0.07	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	14.00%#
12) 2-Bromothioanisole	6.93	204	49953	0.55	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	11.00%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.37	94	15415	0.29	ug/mL	88
3) DMMP	3.29	79	3278	0.03	ug/mL#	83
4) DIMP	4.65	97	13642	0.06	ug/mL#	80
5) 1,4-Oxathiane	3.37	46	26234	0.19	ug/mL#	58
7) 1,4-Dithiane	4.79	46	23412	0.18	ug/mL	88
8) Thiodiglycol	5.68	61	68083	0.61	ug/mL	89
9) Benzothiazole	5.93	135	155961	0.52	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.19	158	89387	0.47	ug/mL	96
13) p-Chlorophenylmethyldisulfox	7.63	159	62750	0.49	ug/mL	94
14) p-Chlorophenylmethyldisulfon	7.80	111	102507	0.55	ug/mL	95

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001326.D

Vial: 7

Acq On : 10 Dec 2012 18:11

Operator: HLM

Sample : CWA-1

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.KES

Instrument :

BNA_J

LabSampleId :

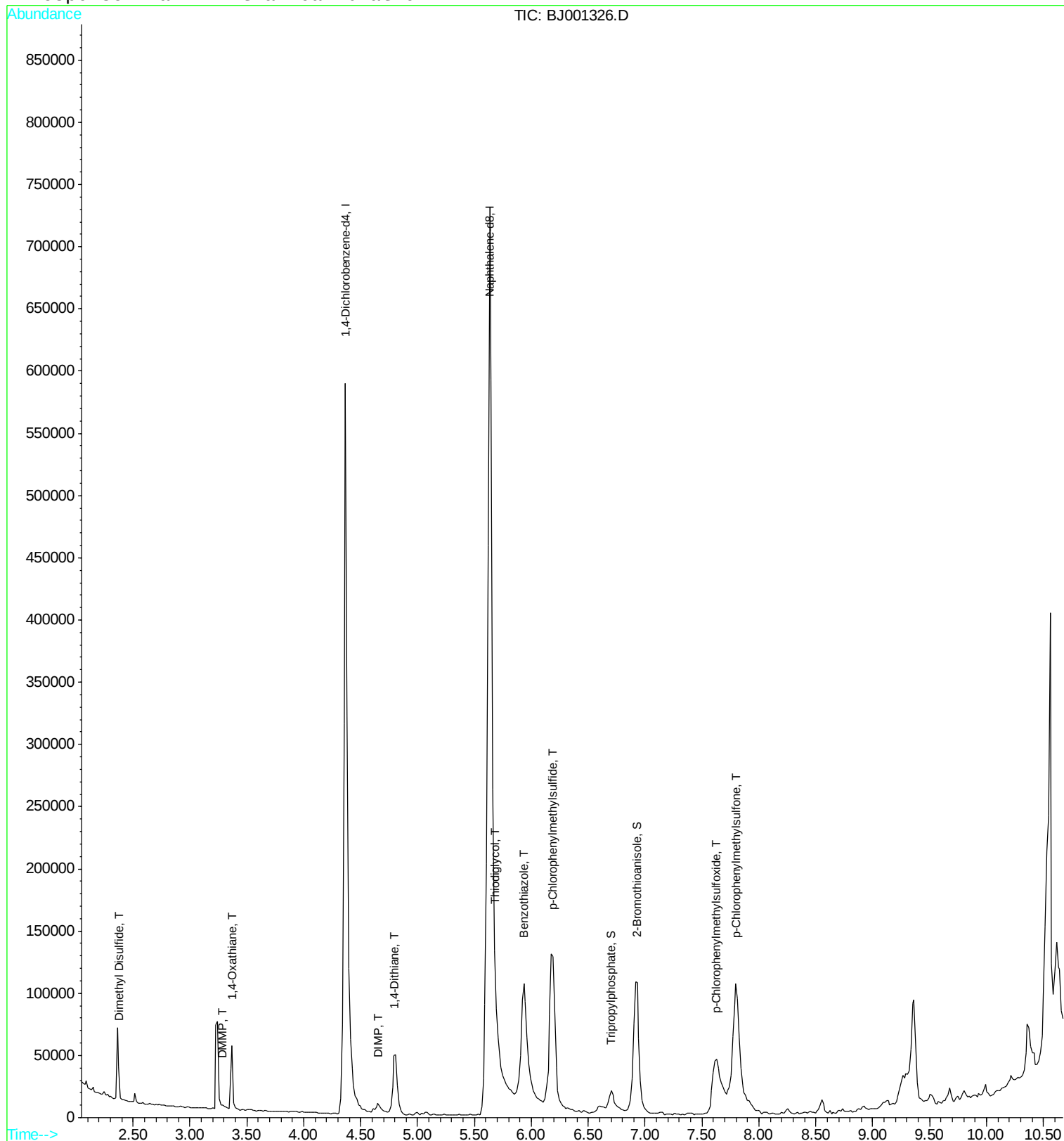
CWA-1

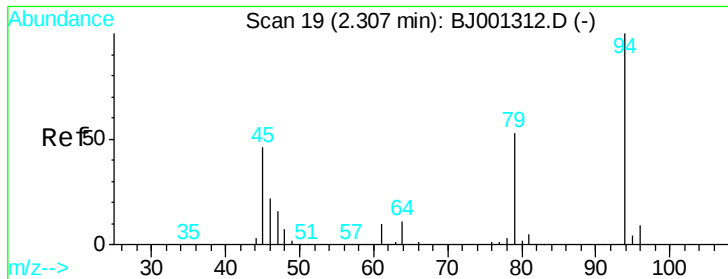
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 0.29 ug/mL

RT: 2.37 min Scan# 24

Delta R.T. 0.07 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

LabSampleId :

CWA-1

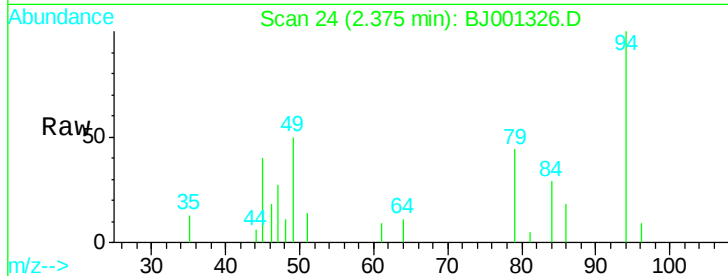
Tgt Ion: 94 Resp: 15415

Ion Ratio Lower Upper

94 100

45 39.7 26.5 66.5

79 44.2 33.4 73.4

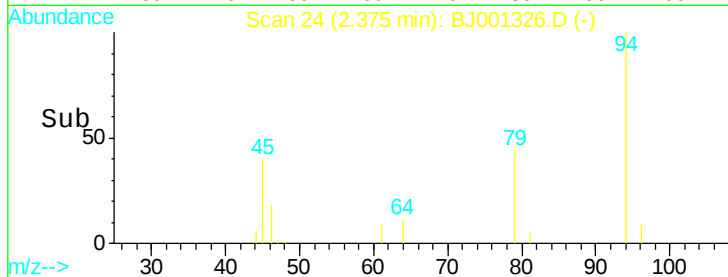
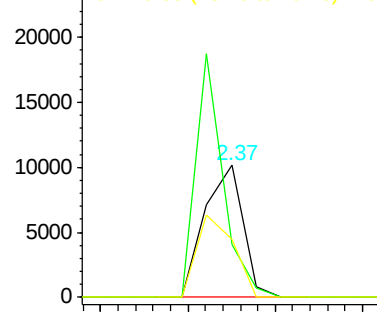


Abundance

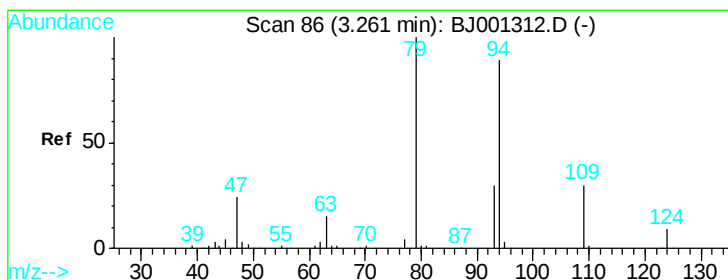
Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



Time-->



#3

DMMP

Concen: 0.03 ug/mL

RT: 3.29 min Scan# 88

Delta R.T. 0.02 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

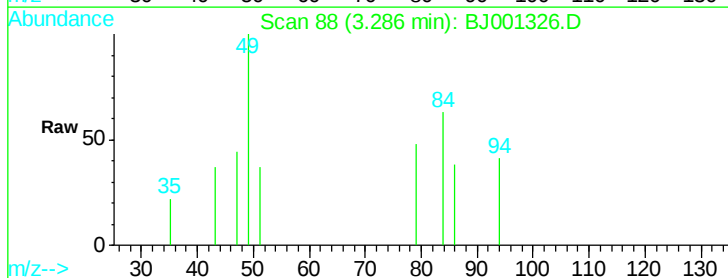
Tgt Ion: 79 Resp: 3278

Ion Ratio Lower Upper

79 100

94 85.1 69.1 109.1

109 0.0 10.5 50.5#

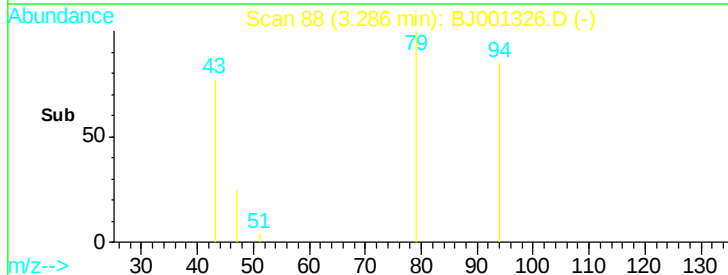
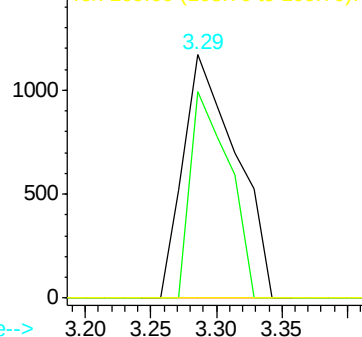


Abundance

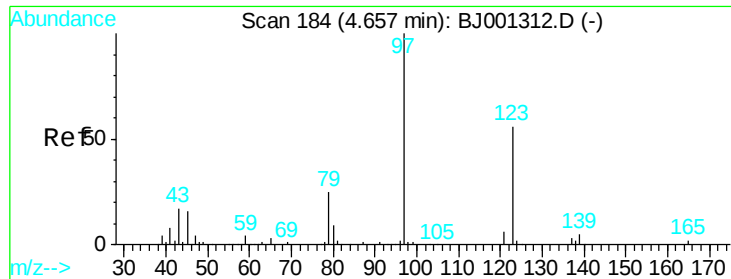
Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



Time-->



#4

DIMP

Concen: 0.06 ug/mL

RT: 4.65 min Scan# 184

Delta R.T. -0.00 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

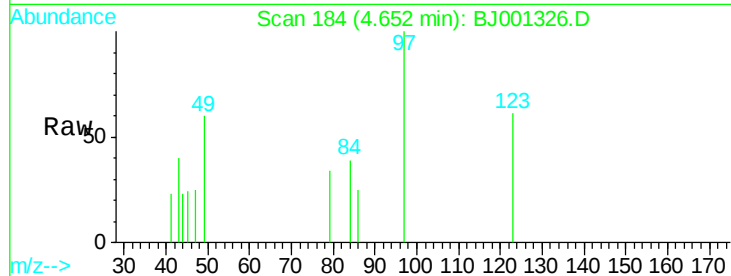
LabSampleId :

CWA-1

Tgt Ion: 97 Resp: 13642

Ion Ratio Lower Upper

97	100		
123	61.0	36.4	76.4
43	39.8	0.0	37.2
41	23.4	0.0	28.0



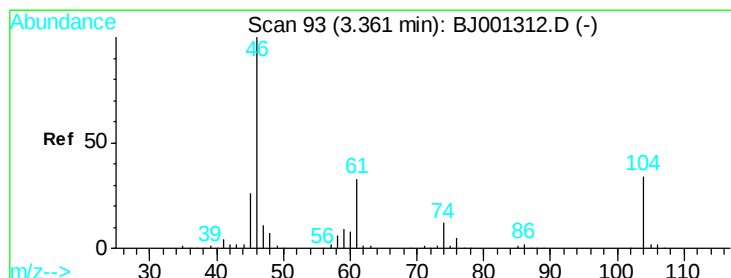
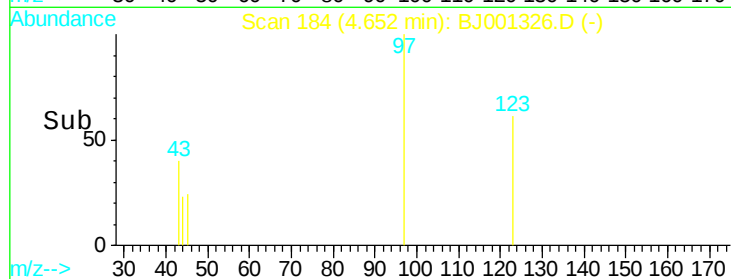
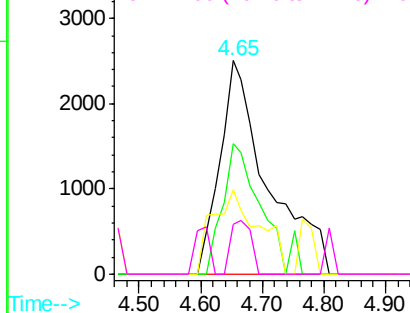
Abundance

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: 0.19 ug/mL

RT: 3.37 min Scan# 94

Delta R.T. 0.01 min

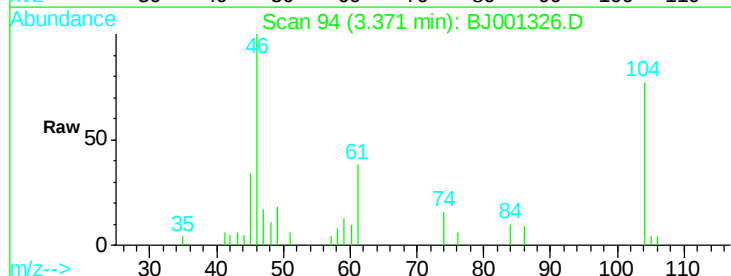
Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Tgt Ion: 46 Resp: 26234

Ion Ratio Lower Upper

46	100		
61	38.0	13.2	53.2
104	77.3	14.2	54.2

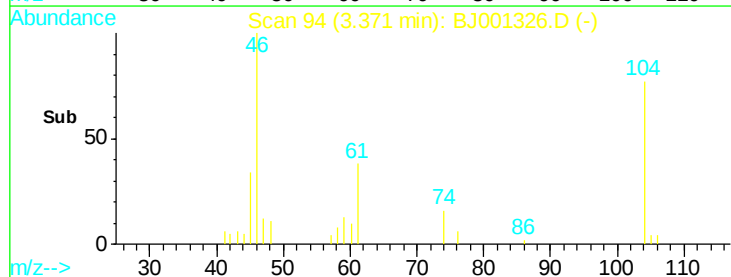
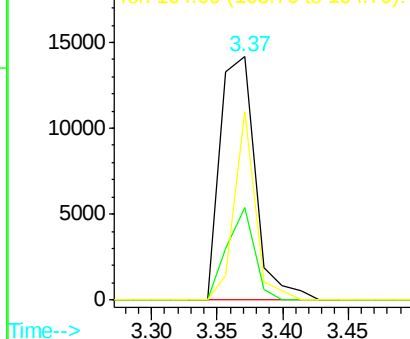


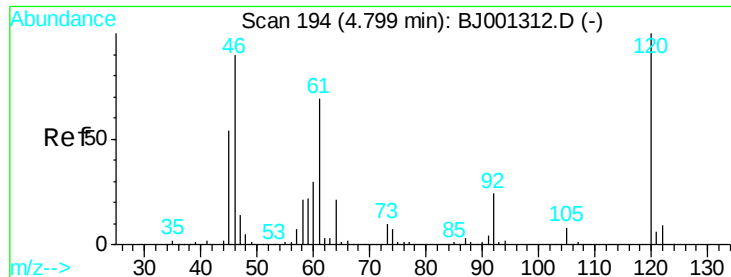
Abundance

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: 0.18 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. -0.00 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

LabSampleId :

CWA-1

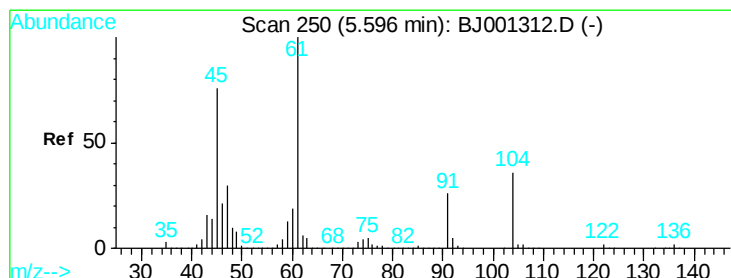
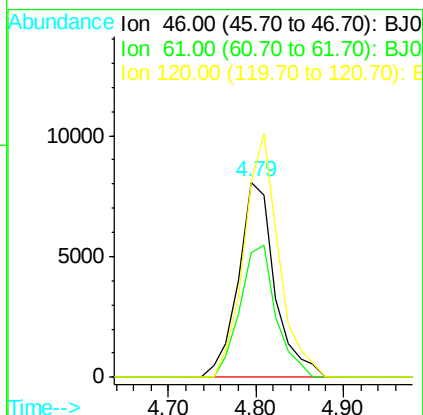
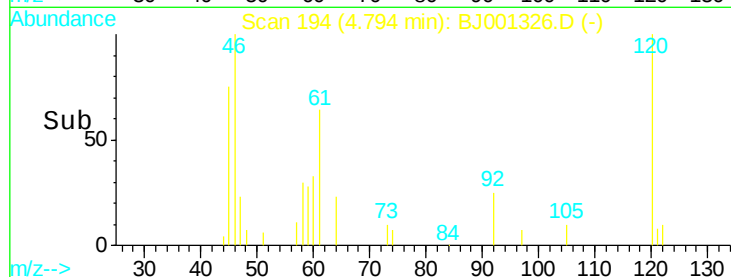
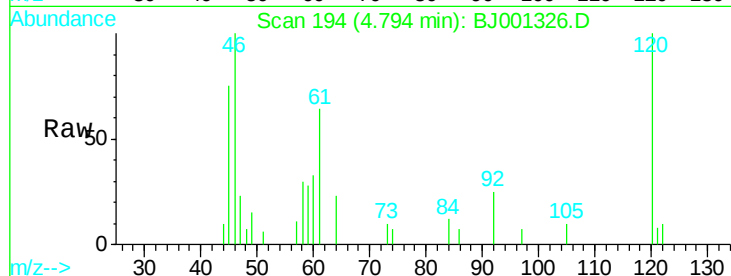
Tgt Ion: 46 Resp: 23412

Ion Ratio Lower Upper

46 100

61 64.0 57.0 97.0

120 100.1 91.5 131.5



#8

Thiodiglycol

Concen: 0.61 ug/mL

RT: 5.68 min Scan# 256

Delta R.T. 0.08 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

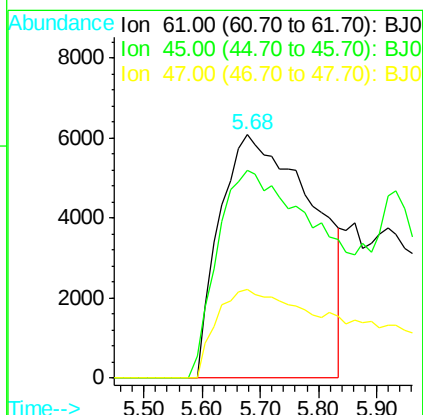
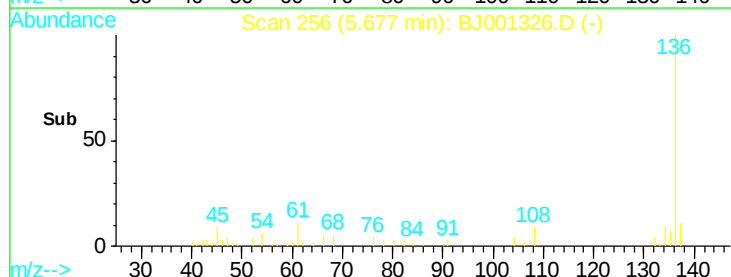
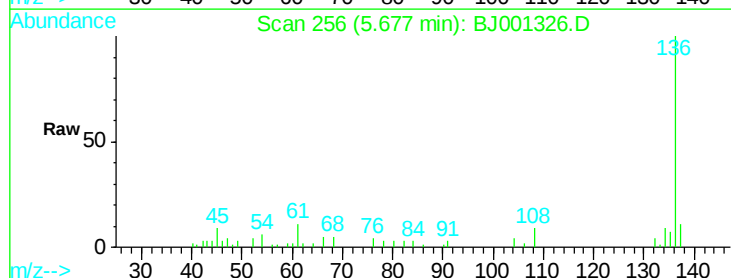
Tgt Ion: 61 Resp: 68083

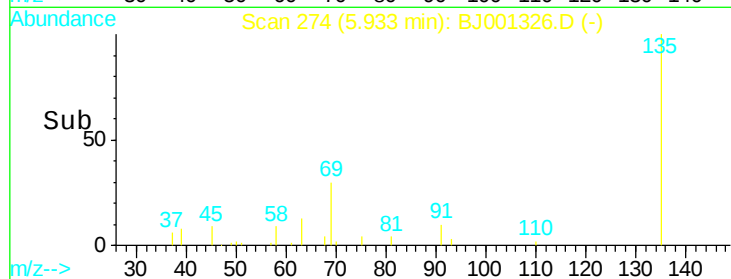
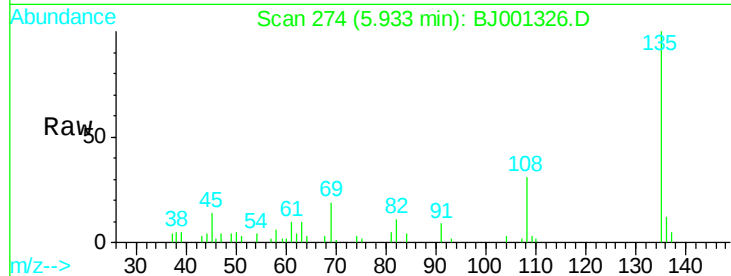
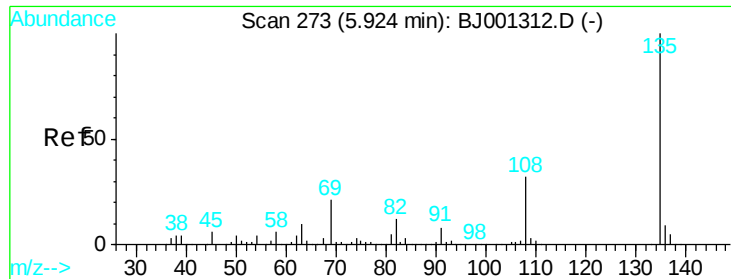
Ion Ratio Lower Upper

61 100

45 85.3 56.0 96.0

47 36.4 10.0 50.0





#9

Benzothiazole

Concen: 0.52 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

LabSampleId :

CWA-1

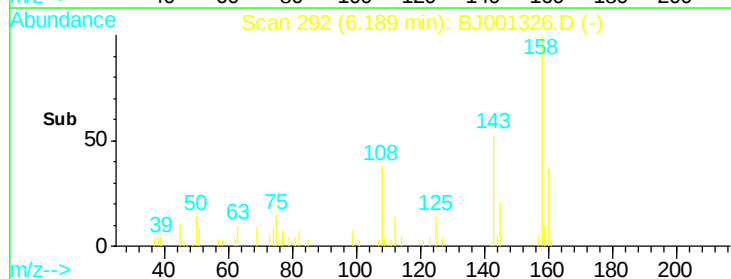
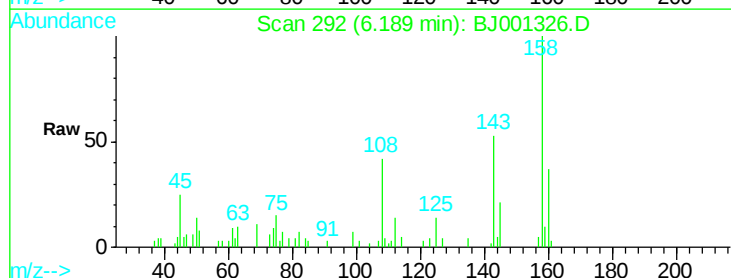
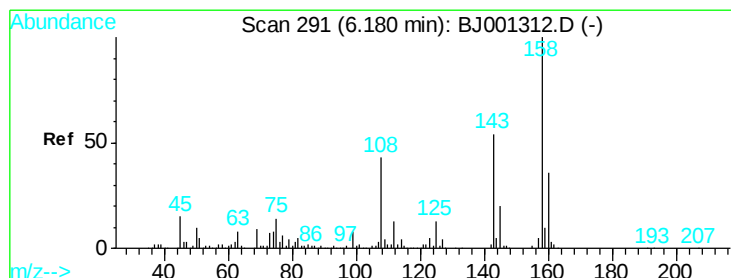
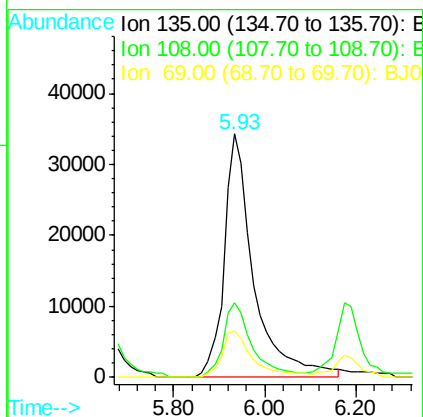
Tgt Ion:135 Resp: 155961

Ion Ratio Lower Upper

135 100

108 30.9 12.0 52.0

69 19.4 1.1 41.1



#11

p-Chlorophenylmethylsulfide

Concen: 0.47 ug/mL

RT: 6.19 min Scan# 292

Delta R.T. 0.01 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Tgt Ion:158 Resp: 89387

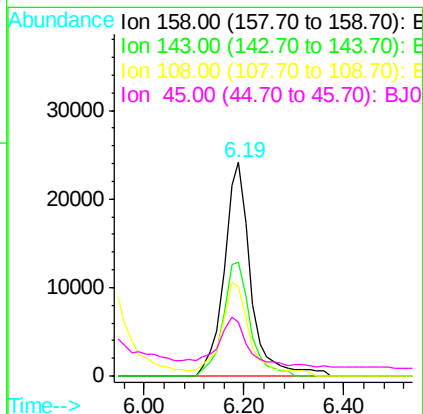
Ion Ratio Lower Upper

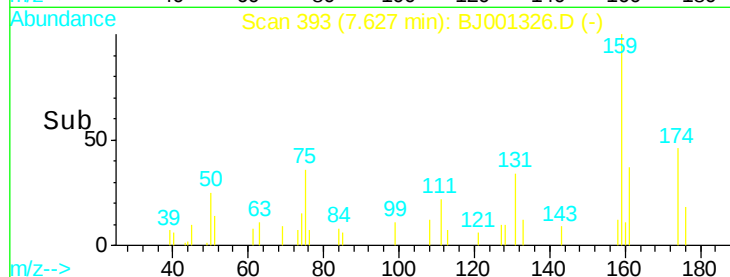
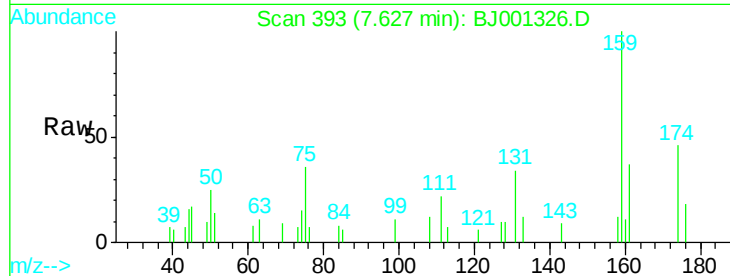
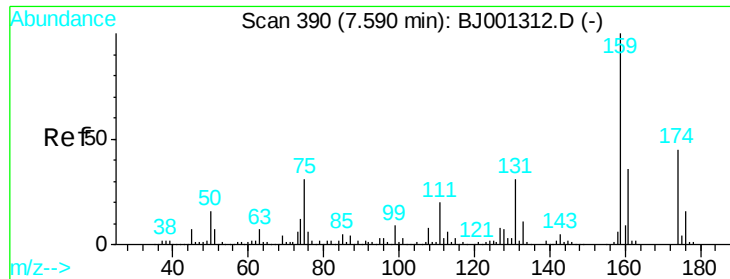
158 100

143 53.5 34.4 74.4

108 41.7 22.9 62.9

45 25.1 0.0 36.9

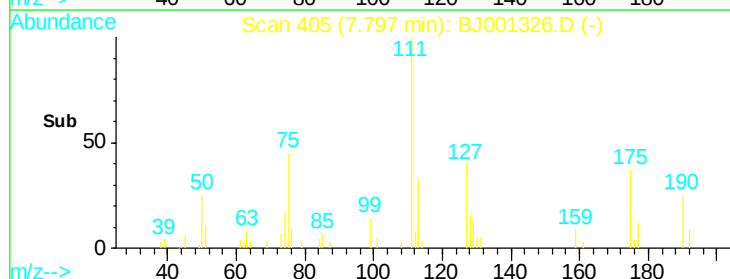
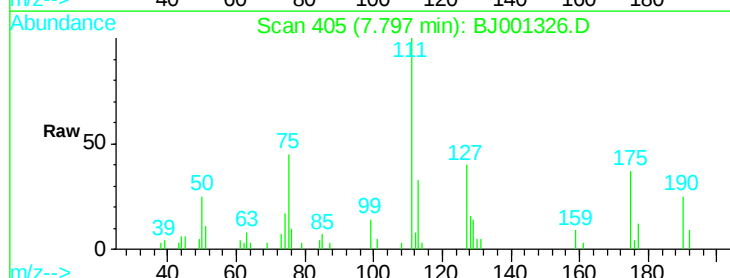
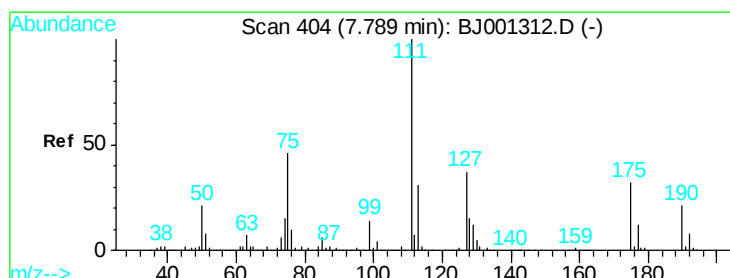
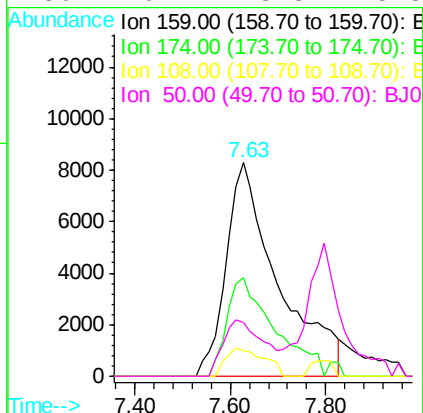




#13
p-Chlorophenylmethylsulfoxide
Concen: 0.49 ug/mL
RT: 7.63 min Scan# 393
Delta R.T. 0.04 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Instrument :
BNA_J
LabSampleId :
CWA-1

Tgt Ion:159 Resp: 62750
Ion Ratio Lower Upper
159 100
174 42.2 26.4 66.4
108 9.7 0.0 29.6
50 20.2 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 0.55 ug/mL
RT: 7.80 min Scan# 405
Delta R.T. 0.01 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Tgt Ion:111 Resp: 102507
Ion Ratio Lower Upper
111 100
75 45.3 27.3 67.3
127 40.2 17.0 57.0
190 24.6 0.8 40.8

