

Data File : H:\VOL1\GCMSDATA\J\121127\BJ001292.D
 Acq On : 27 Nov 2012 13:41
 Sample : CWA-4
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Nov 27 14:24 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Quant Results File: BJ112712.F

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Nov 27 14:23:24 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	378432	2.00	ug/mL	0.00
6) Naphthalene-d8	5.62	136	1440778	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.70	99	1884312	3.41	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	682.00%#
12) 2-Bromothioanisole	6.91	204	1459095	12.93	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	258.60%#

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.32	94	1054822	7.61	ug/mL	100
3) DMMP	3.26	79	489301	3.34	ug/mL	100
4) DIMP	4.65	97	1100783	3.04	ug/mL	100
5) 1,4-Oxathiane	3.36	46	1491525	10.17	ug/mL	100
7) 1,4-Dithiane	4.79	46	1121578	10.27	ug/mL	100
8) Thiodiglycol	5.59	61	6555623	65.63	ug/mL	100
9) Benzothiazole	5.92	135	4914897	12.26	ug/mL	100
11) p-Chlorophenylmethyldisulfide	6.17	158	3046333	12.29	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.58	159	2157540	14.80	ug/mL	100
14) p-Chlorophenylmethyldisulfon	7.78	111	2966014	14.56	ug/mL	100

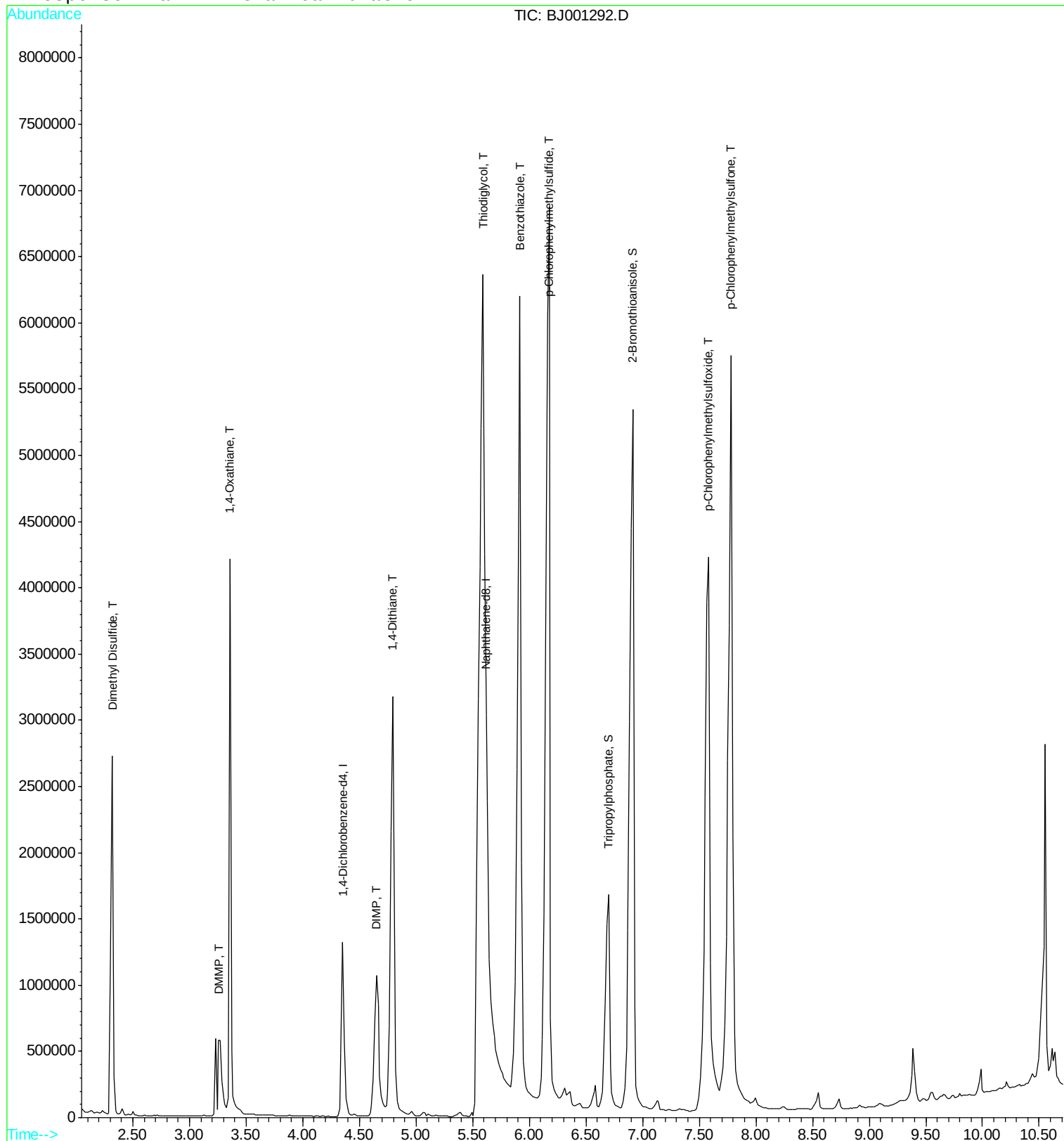
Data File : H:\VOL1\GCMSDATA\J\121127\BJ001292.D
Acq On : 27 Nov 2012 13:41
Sample : CWA-4
Misc : CWA STD BNA_J HLM
MS Integration Params: rteint.p
Quant Time: Nov 27 14:24 2012

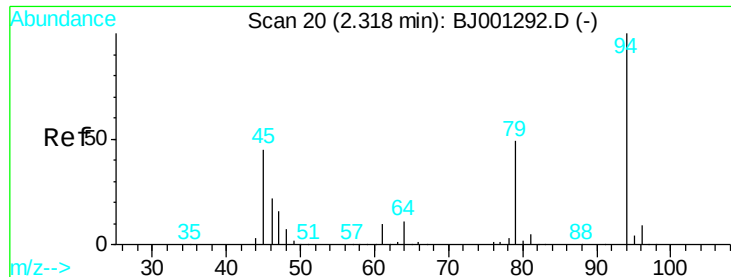
Vial: 4
Operator: HLM
Inst : BNA_J
Multiplr: 1.00

Instrument :
BNA_J
LabSampleId :
CWA-4
PKES

Quant Results File: BJ112712.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Tue Nov 27 14:23:24 2012
Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 7.61 ug/mL

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

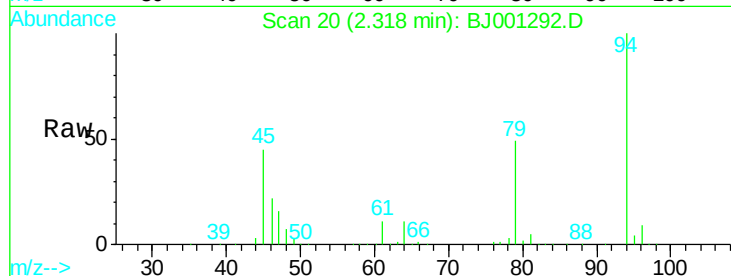
Tgt Ion: 94 Resp: 1054822

Ion Ratio Lower Upper

94 100

45 45.1 25.1 65.1

79 49.4 29.4 69.4

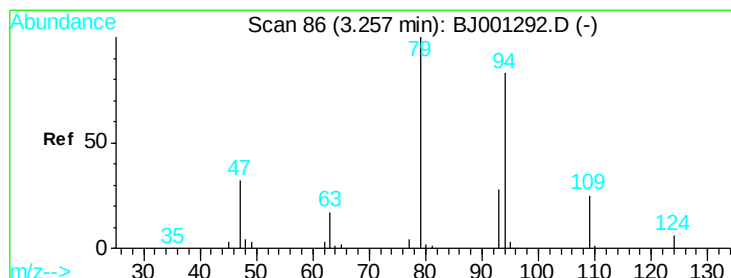
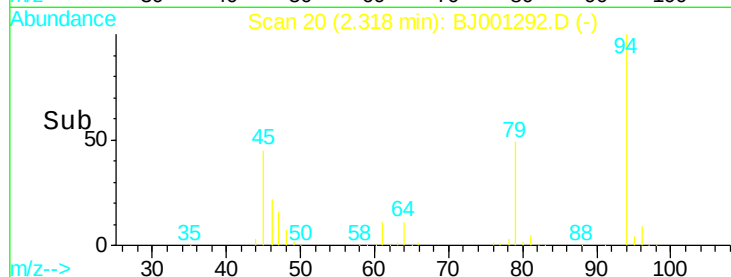
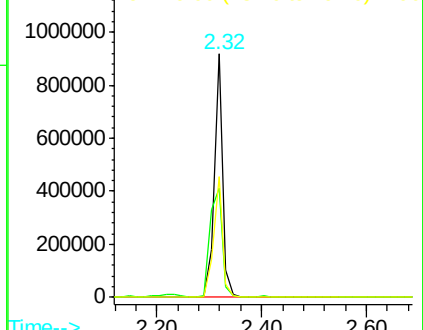


Abundance

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



#3

DMMP

Concen: 3.34 ug/mL

RT: 3.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

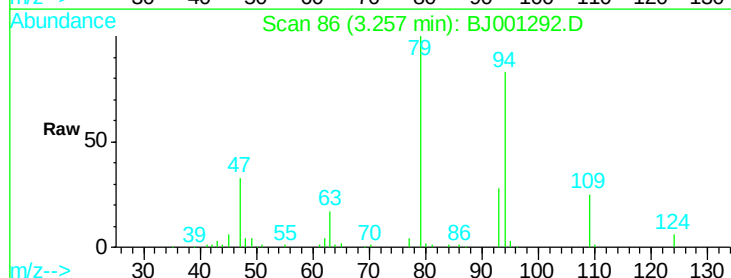
Tgt Ion: 79 Resp: 489301

Ion Ratio Lower Upper

79 100

94 83.0 63.0 103.0

109 25.3 5.3 45.3

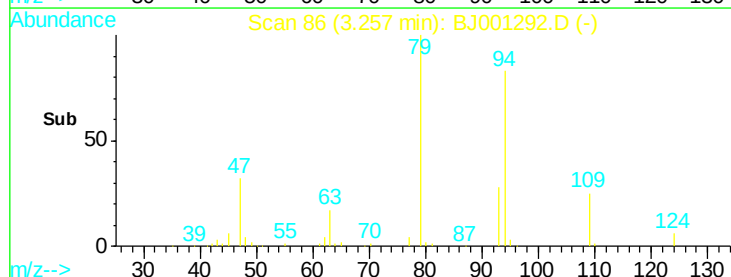
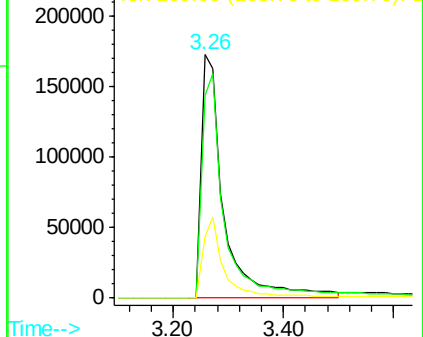


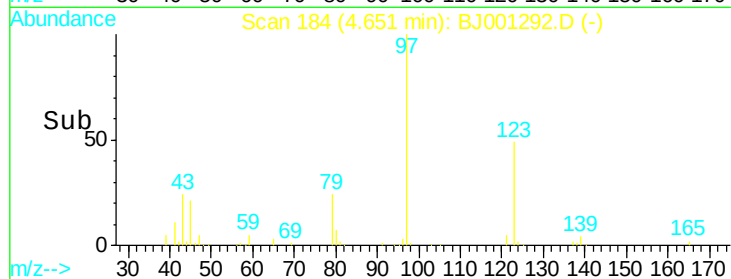
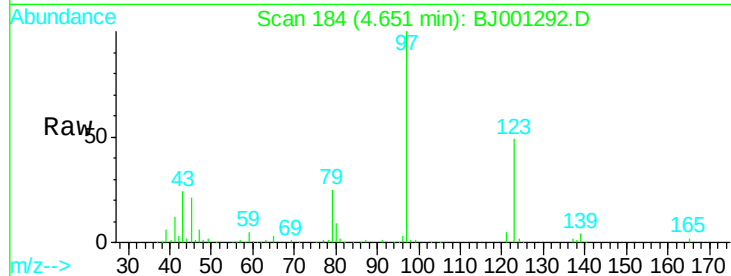
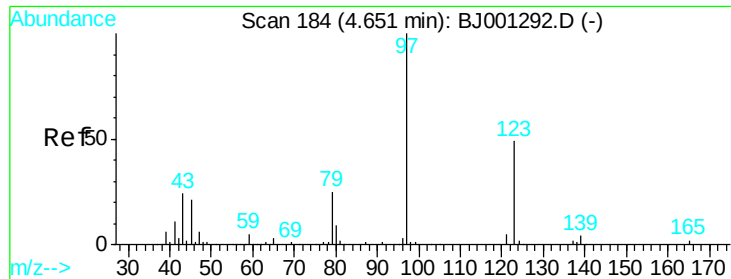
Abundance

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





#4

DIMP

Concen: 3.04 ug/mL

RT: 4.65 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 97 Resp: 1100783

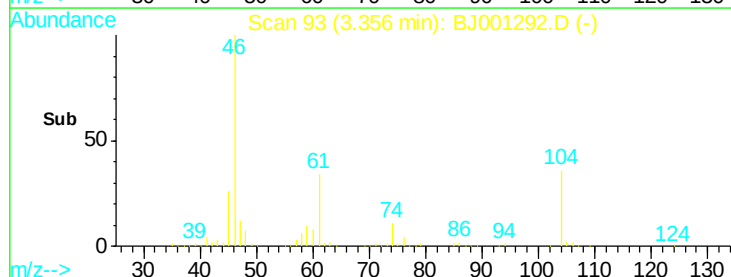
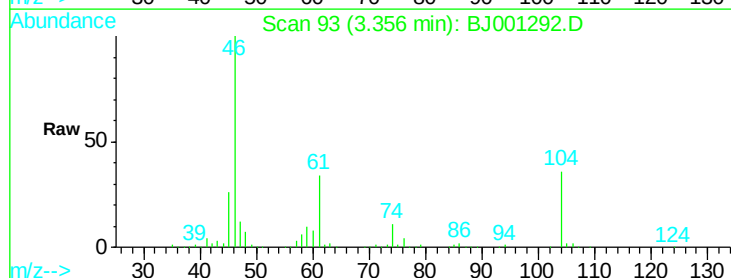
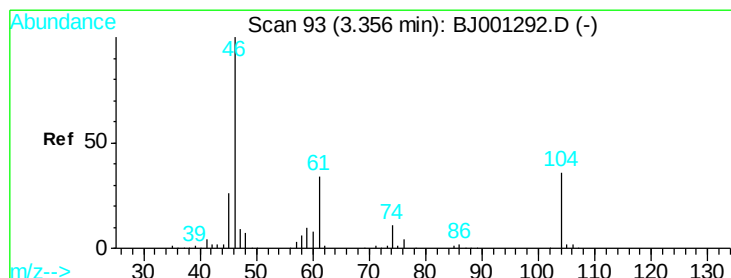
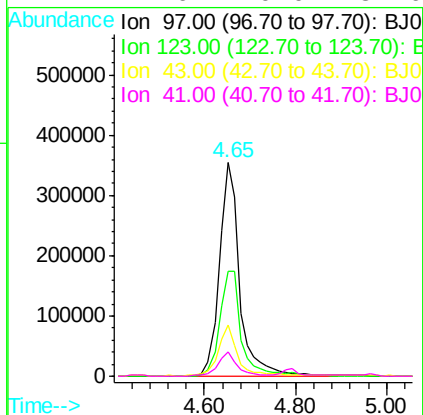
Ion Ratio Lower Upper

97 100

123 49.2 29.2 69.2

43 24.0 4.0 44.0

41 11.6 0.0 31.6



#5

1,4-Oxathiane

Concen: 10.17 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

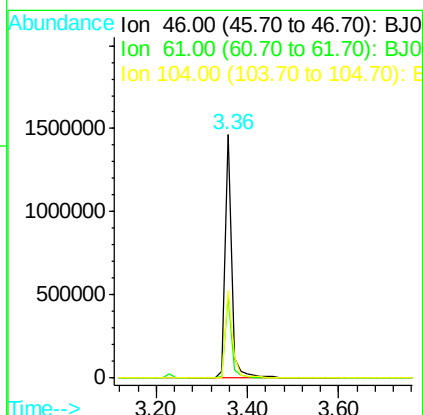
Tgt Ion: 46 Resp: 1491525

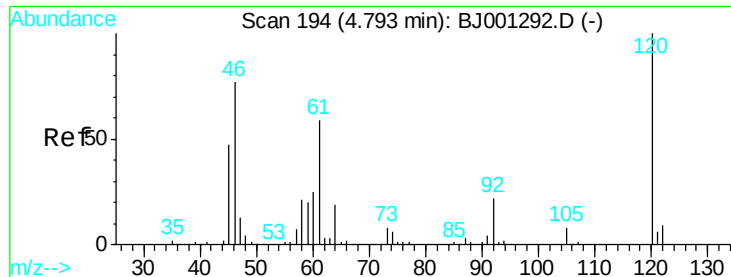
Ion Ratio Lower Upper

46 100

61 33.6 13.6 53.6

104 36.0 16.0 56.0





#7

1,4-Dithiane

Concen: 10.27 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

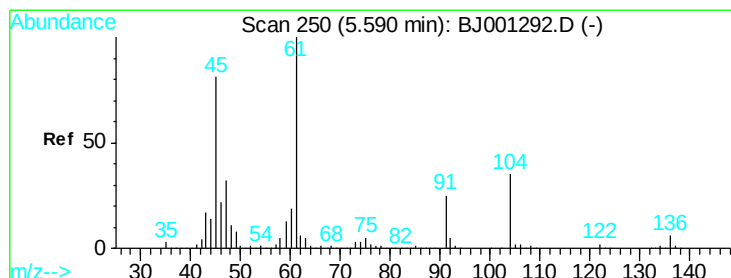
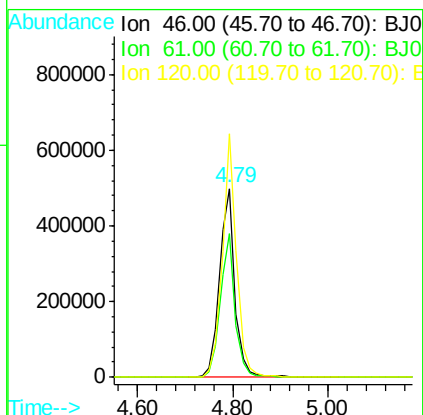
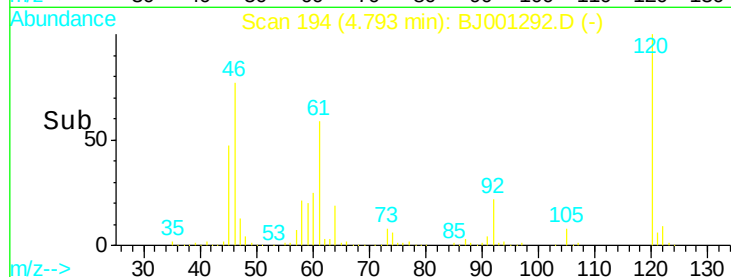
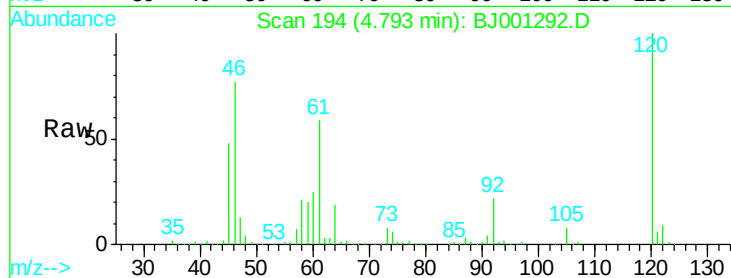
Tgt Ion: 46 Resp: 1121578

Ion Ratio Lower Upper

46 100

61 76.1 56.1 96.1

120 129.1 109.1 149.1



#8

Thiodiglycol

Concen: 65.63 ug/mL

RT: 5.59 min Scan# 250

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

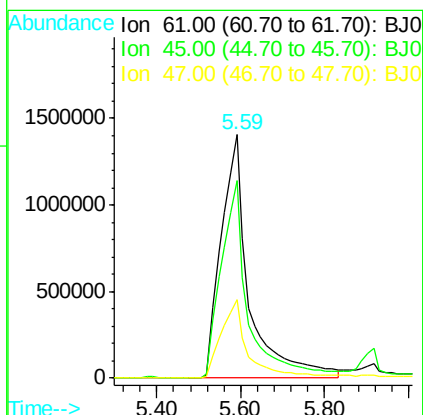
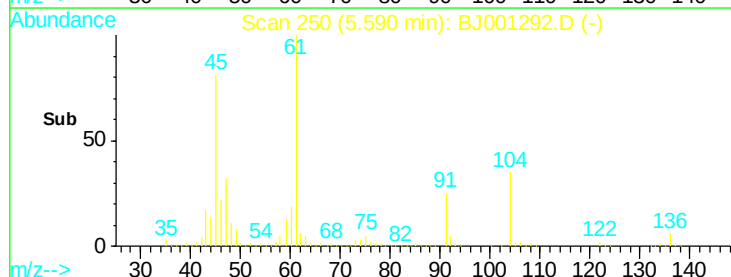
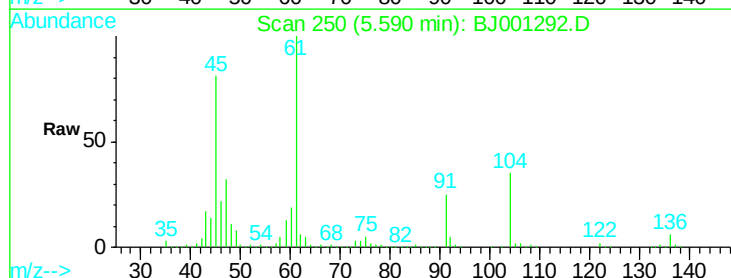
Tgt Ion: 61 Resp: 6555623

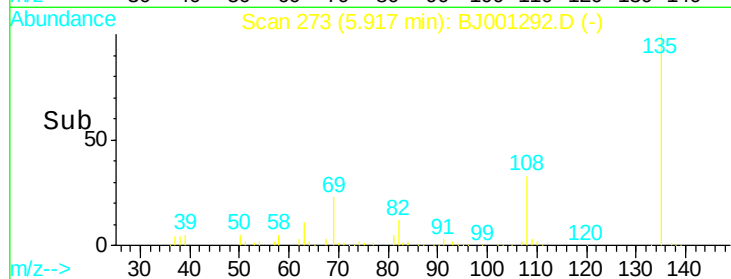
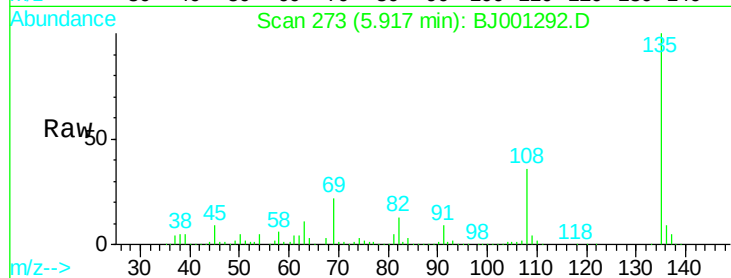
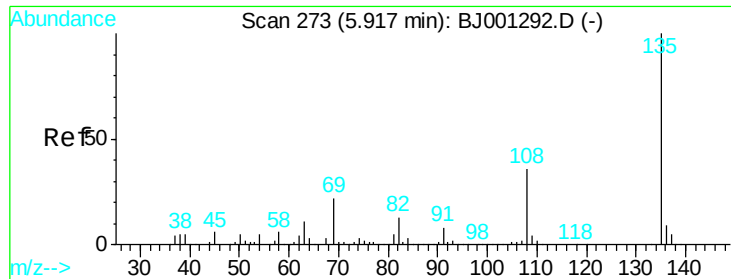
Ion Ratio Lower Upper

61 100

45 81.0 61.0 101.0

47 32.2 12.2 52.2





#9

Benzothiazole

Concen: 12.26 ug/mL

RT: 5.92 min Scan# 273

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

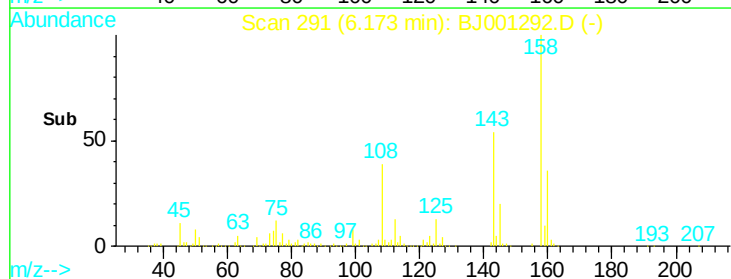
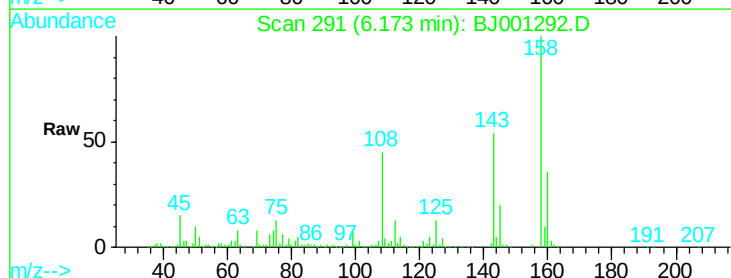
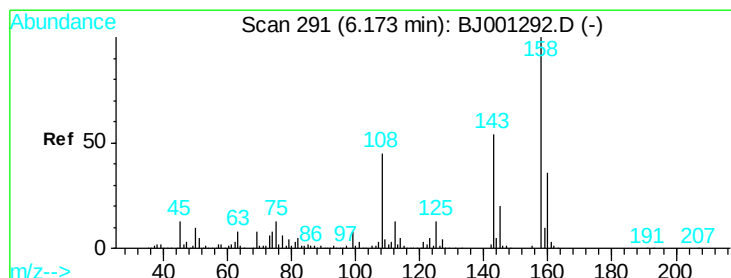
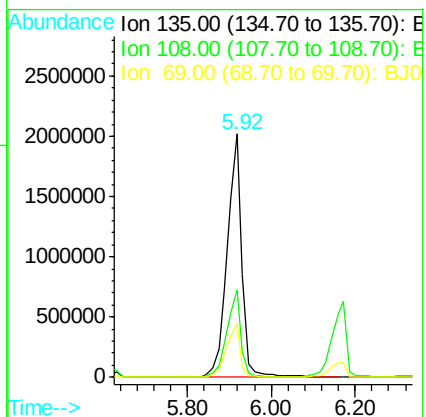
Tgt Ion:135 Resp: 4914897

Ion Ratio Lower Upper

135 100

108 35.7 15.7 55.7

69 22.2 2.2 42.2



#11

p-Chlorophenylmethylsulfide

Concen: 12.29 ug/mL

RT: 6.17 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Tgt Ion:158 Resp: 3046333

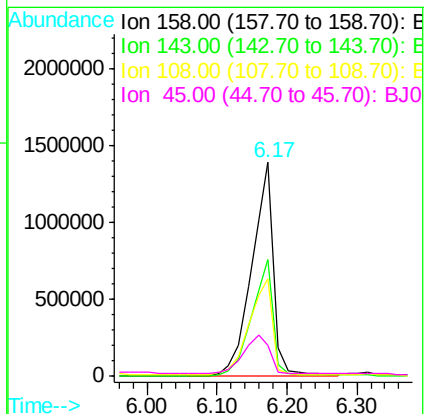
Ion Ratio Lower Upper

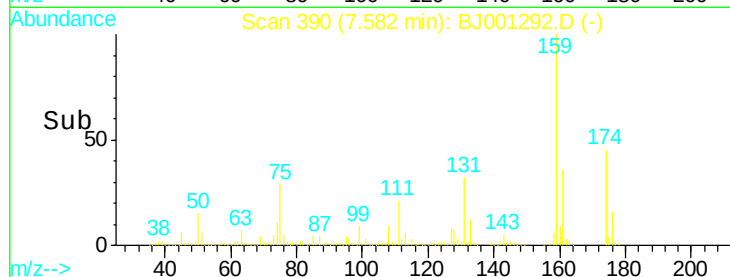
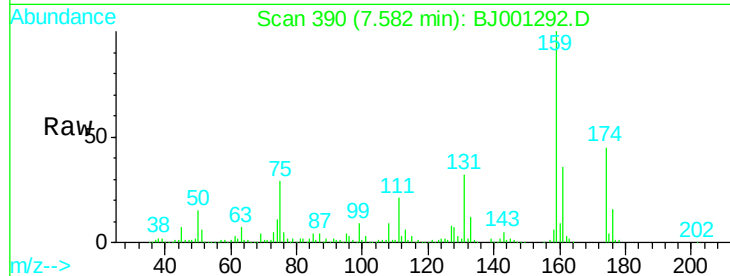
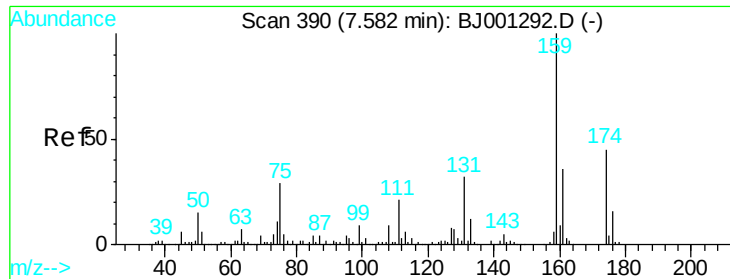
158 100

143 54.4 34.4 74.4

108 45.3 25.3 65.3

45 14.7 0.0 34.7





#13

p-Chlorophenylmethylsulfoxide

Concen: 14.80 ug/mL

RT: 7.58 min Scan# 390

Delta R.T. 0.00 min

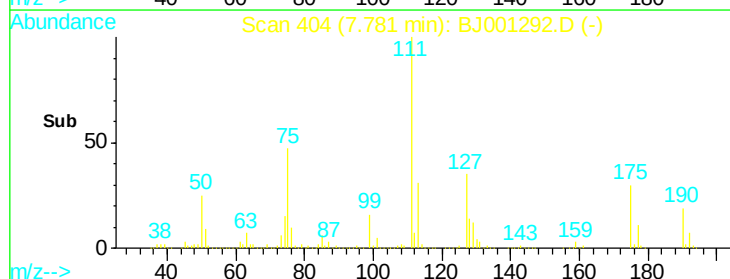
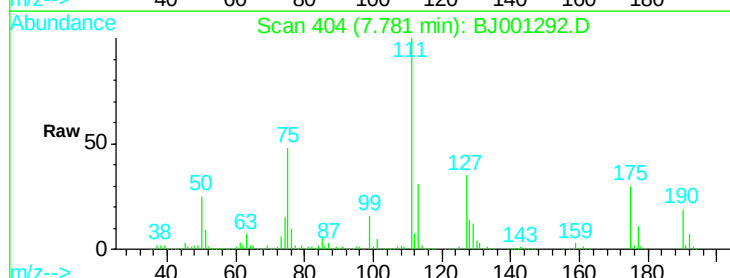
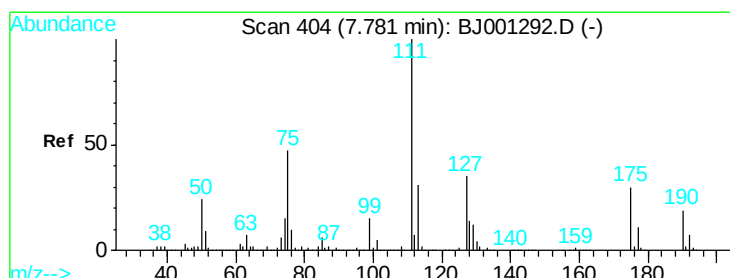
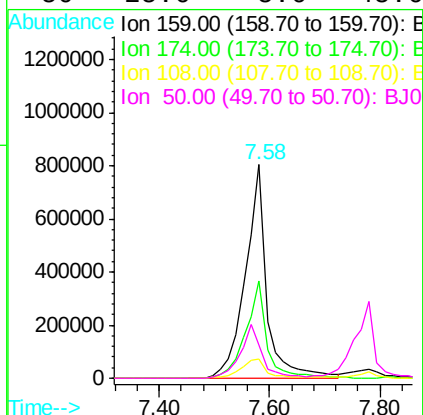
Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:159 Resp: 2157540

Ion	Ratio	Lower	Upper
159	100		
174	45.2	25.2	65.2
108	10.3	0.0	30.3
50	25.6	5.6	45.6



#14

p-Chlorophenylmethylsulfone

Concen: 14.56 ug/mL

RT: 7.78 min Scan# 404

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Tgt Ion:111 Resp: 2966014

Ion	Ratio	Lower	Upper
111	100		
75	47.5	27.5	67.5
127	35.3	15.3	55.3
190	18.6	0.0	38.6

