

Data File : H:\VOL1\GCMSDATA\J\121127\BJ001291.D
 Acq On : 27 Nov 2012 13:24
 Sample : CWA-5
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Nov 27 14:24 2012

Vial: 3
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-5

Quant Results File: BJ112712.M

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

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.33	152	278789	2.00	ug/mL	-0.03
6) Naphthalene-d8	5.56	136	590710	2.00	ug/mL	-0.06

System Monitoring Compounds

10) Tripropylphosphate	6.62	99	1345183	5.58	ug/mL	-0.08
Spiked Amount	0.500	Range	70 - 130	Recovery	=	1116.00%#
12) 2-Bromothioanisole	6.84	204	1153266	24.93	ug/mL	-0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	498.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.32	94	1796164	17.85	ug/mL#	80
3) DMMP	3.24	79	766778	6.94	ug/mL	93
4) DIMP	4.60	97	879637	3.28	ug/mL	87
5) 1,4-Oxathiane	3.36	46	2092675	19.37	ug/mL	97
7) 1,4-Dithiane	4.74	46	1737778	38.80	ug/mL#	78
8) Thiodiglycol	5.51	61	5164578	116.20	ug/mL	99
9) Benzothiazole	5.85	135	4231948	25.75	ug/mL	90
11) p-Chlorophenylmethyldisulfide	6.10	158	2402843	23.64	ug/mL	97
13) p-Chlorophenylmethyldisulfox	7.48	159	1414714	21.62	ug/mL	99
14) p-Chlorophenylmethyldisulfon	7.70	111	1922874	21.51	ug/mL	84

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Operator: HLM
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Multiplr: 1.00

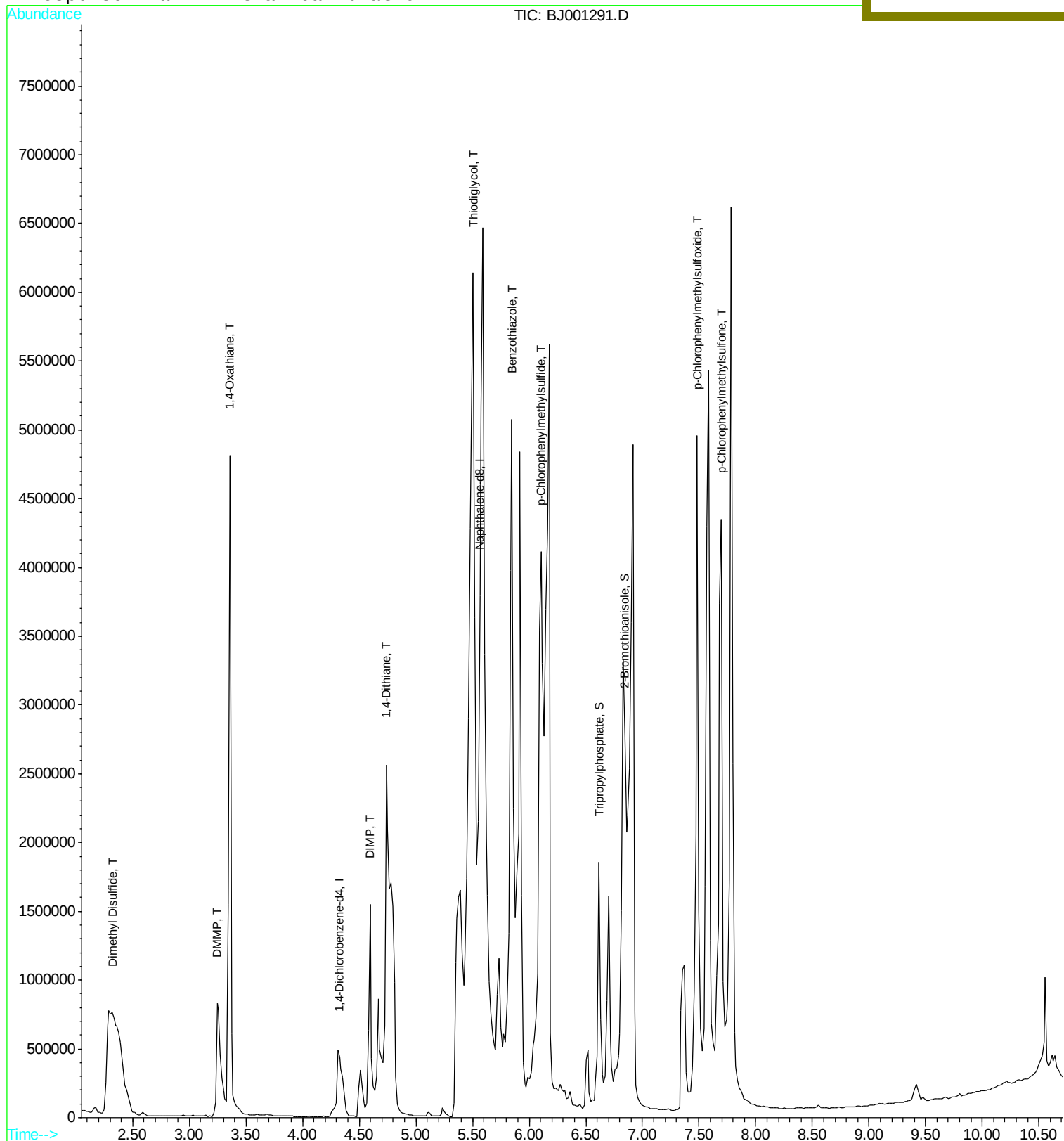
Instrument :
BNA_J
LabSampleId :
CWA-5
KES

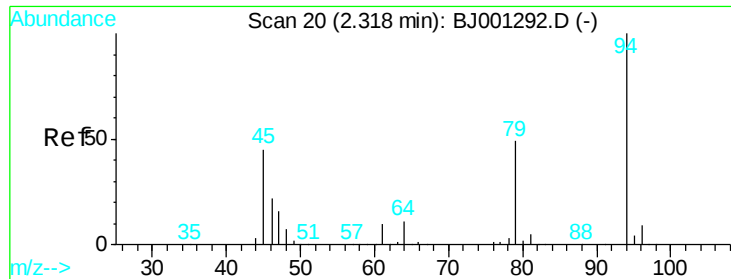
Quant Results File: BJ112712.M

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
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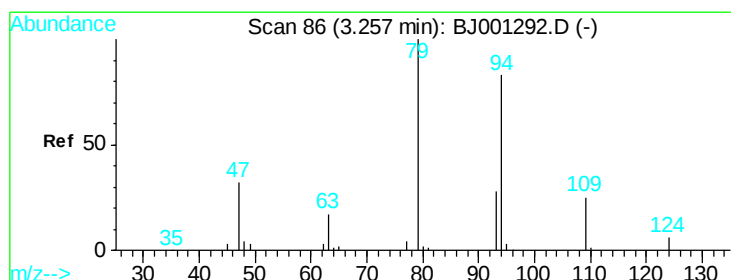
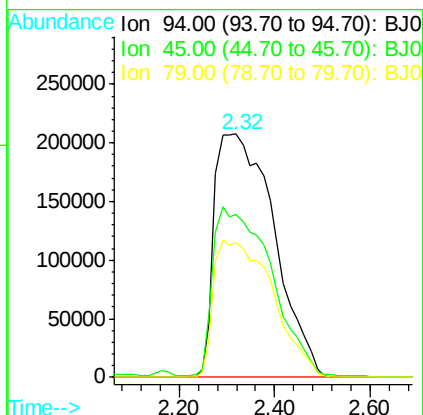
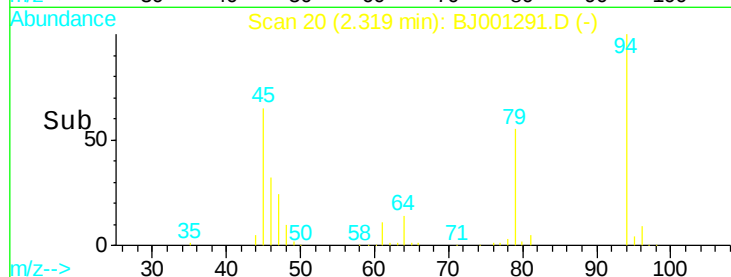
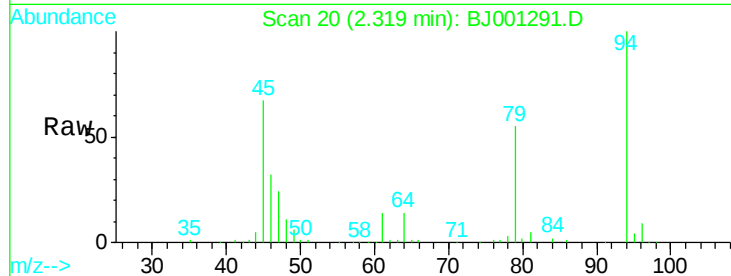
#2
 Dimethyl Disulfide
 Concen: 17.85 ug/mL
 RT: 2.32 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BJ001291.D
 Acq: 27 Nov 2012 13:24

Instrument :
 BNA_J
 LabSampleId :
 CWA-5

Tgt Ion: 94 Resp: 1796164
 Ion Ratio Lower Upper
 94 100
 45 66.8 25.1 65.1#
 79 55.2 29.4 69.4

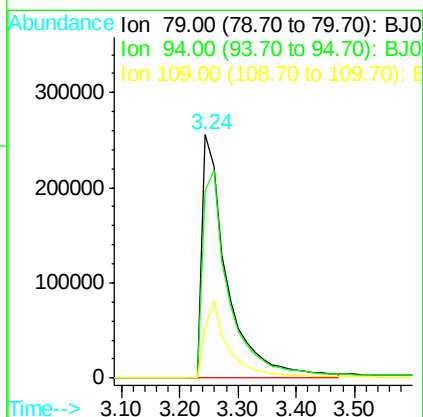
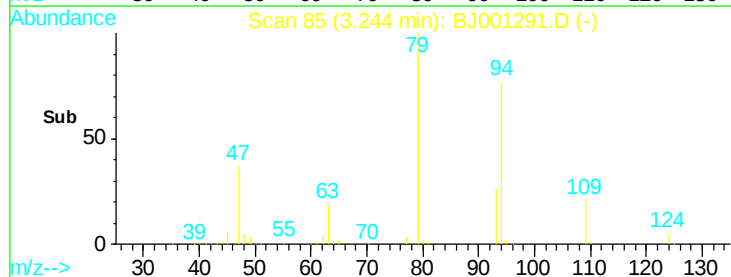
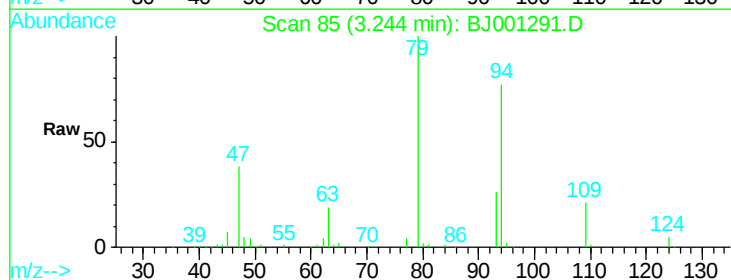
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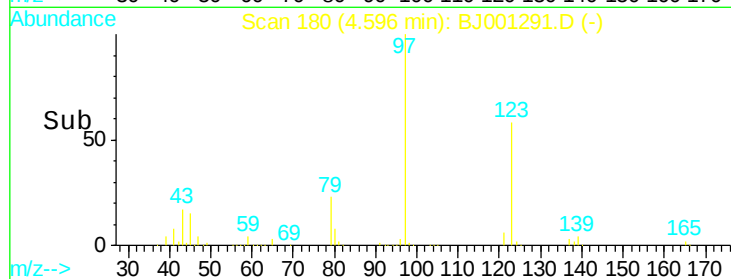
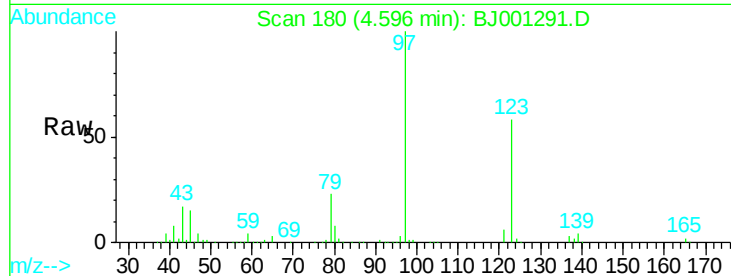
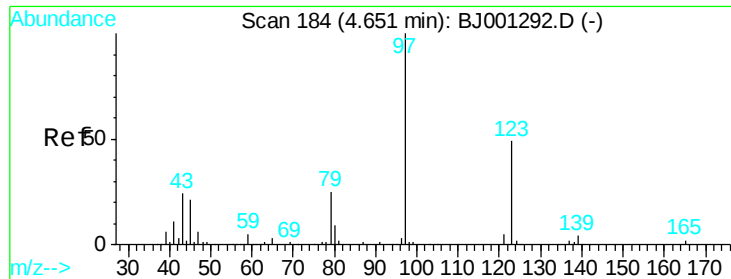
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#3
 DMMP
 Concen: 6.94 ug/mL
 RT: 3.24 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BJ001291.D
 Acq: 27 Nov 2012 13:24

Tgt Ion: 79 Resp: 766778
 Ion Ratio Lower Upper
 79 100
 94 77.0 63.0 103.0
 109 21.0 5.3 45.3





#4

DIMP

Concen: 3.28 ug/mL

RT: 4.60 min Scan# 180

Delta R.T. -0.06 min

Lab File: BJ001291.D

Acq: 27 Nov 2012 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		879637		
123	57.7	29.2	69.2		
43	16.9	4.0	44.0		
41	8.0	0.0	31.6		

Instrument :

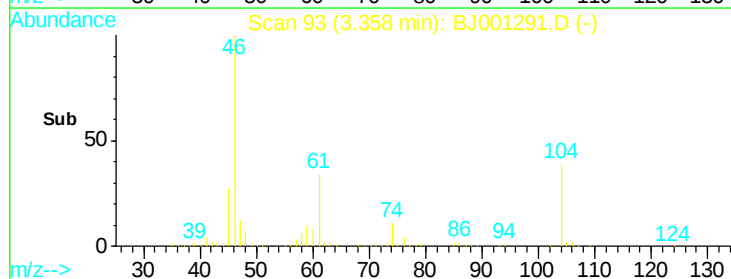
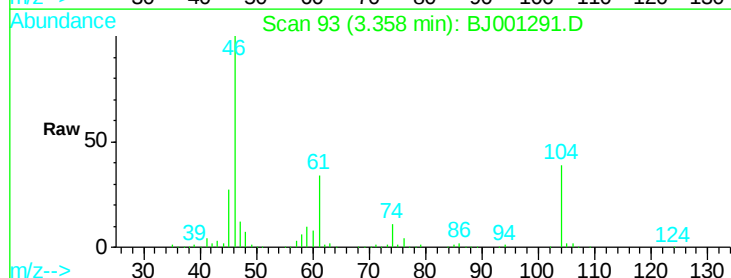
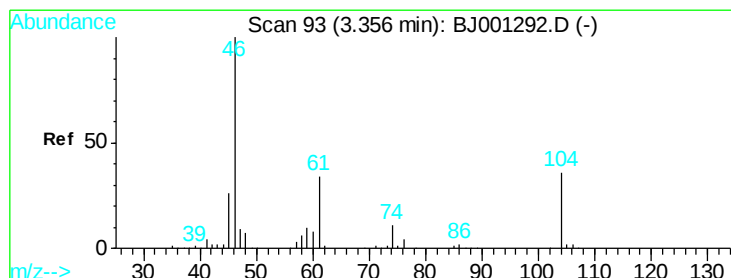
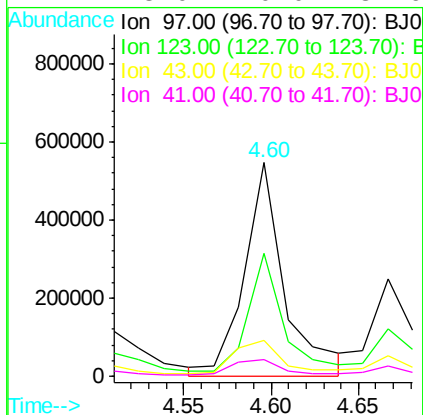
BNA_J

LabSampleId :

CWA-5

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#5

1,4-Oxathiane

Concen: 19.37 ug/mL

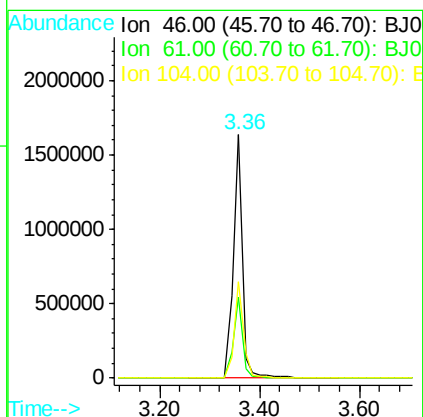
RT: 3.36 min Scan# 93

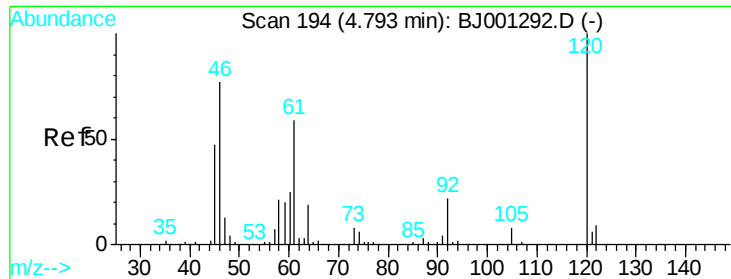
Delta R.T. 0.00 min

Lab File: BJ001291.D

Acq: 27 Nov 2012 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
46	100			
61	33.5	13.6	53.6	
104	39.4	16.0	56.0	





#7

1,4-Dithiane

Concen: 38.80 ug/mL

RT: 4.74 min Scan# 190

Delta R.T. -0.06 min

Lab File: BJ001291.D

Acq: 27 Nov 2012 13:24

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 46 Resp: 1737778

Ion Ratio Lower Upper

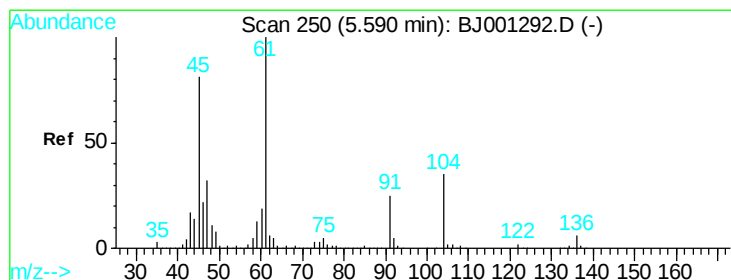
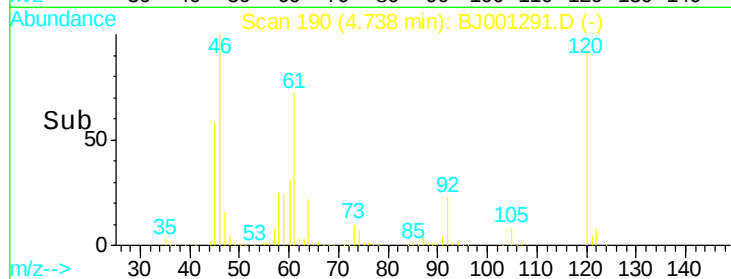
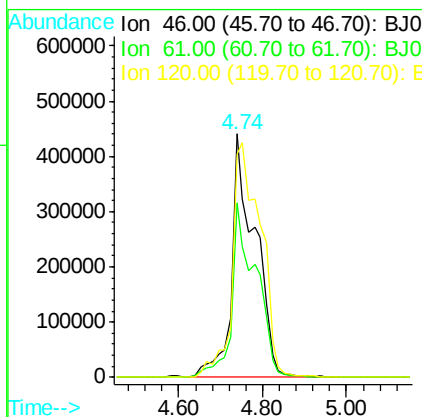
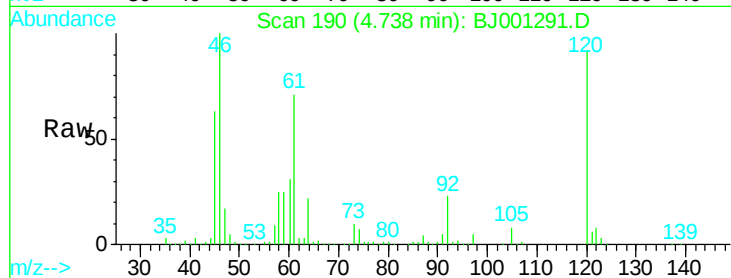
46 100

61 71.4 56.1 96.1

120 91.6 109.1 149.1#

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#8

Thiodiglycol

Concen: 116.20 ug/mL

RT: 5.51 min Scan# 244

Delta R.T. -0.08 min

Lab File: BJ001291.D

Acq: 27 Nov 2012 13:24

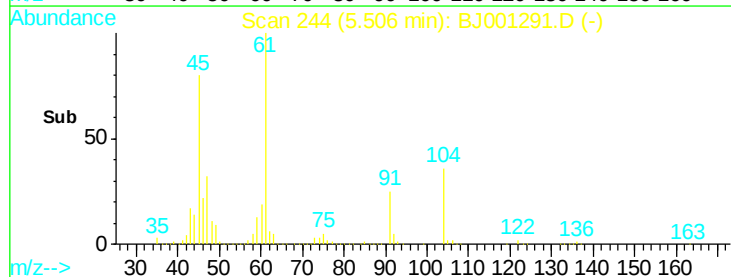
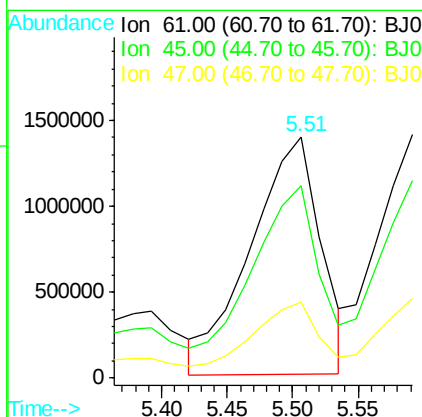
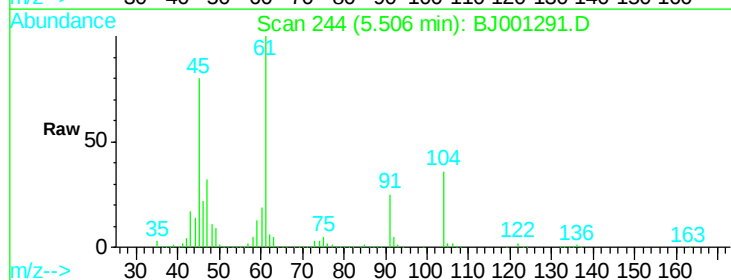
Tgt Ion: 61 Resp: 5164578

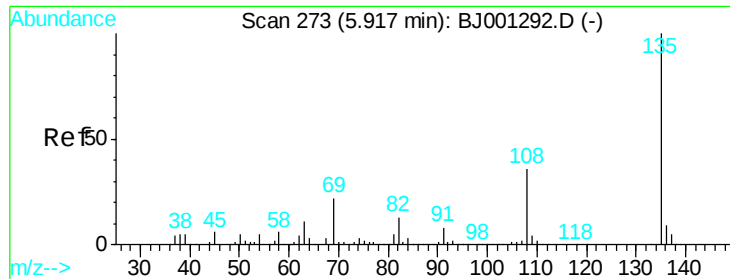
Ion Ratio Lower Upper

61 100

45 79.6 61.0 101.0

47 31.7 12.2 52.2





#9

Benzothiazole

Concen: 25.75 ug/mL

RT: 5.85 min Scan# 268

Delta R.T. -0.07 min

Lab File: BJ001291.D

Acq: 27 Nov 2012 13:24

Instrument :

BNA_J

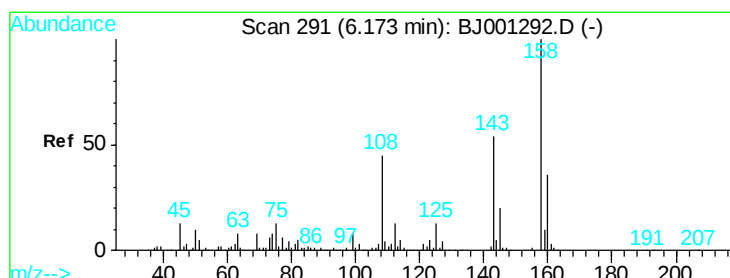
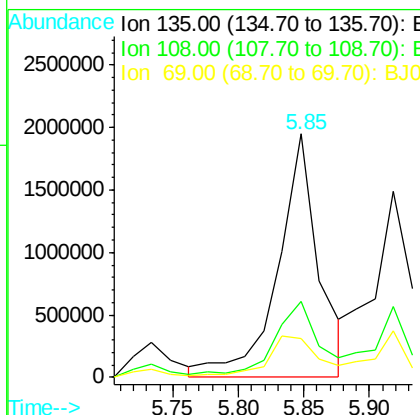
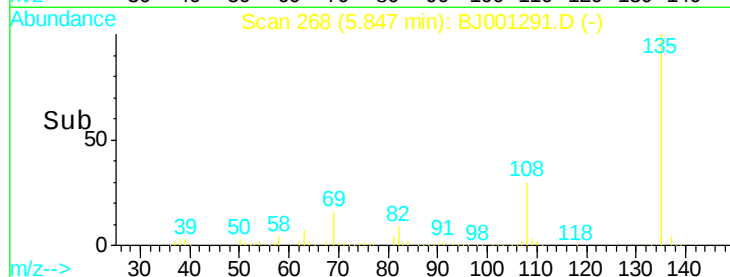
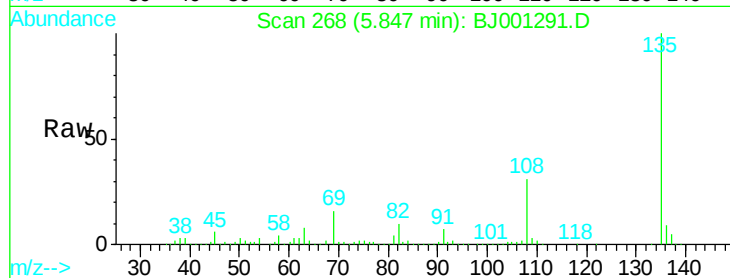
LabSampleId :

CWA-5

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Tgt Ion:	135	Resp:	4231948
Ion	Ratio	Lower	Upper
135	100		
108	31.2	15.7	55.7
69	15.9	2.2	42.2



#11

p-Chlorophenylmethylsulfide

Concen: 23.64 ug/mL

RT: 6.10 min Scan# 286

Delta R.T. -0.07 min

Lab File: BJ001291.D

Acq: 27 Nov 2012 13:24

Tgt Ion:158 Resp: 2402843

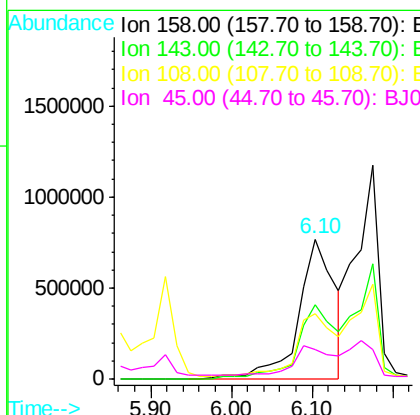
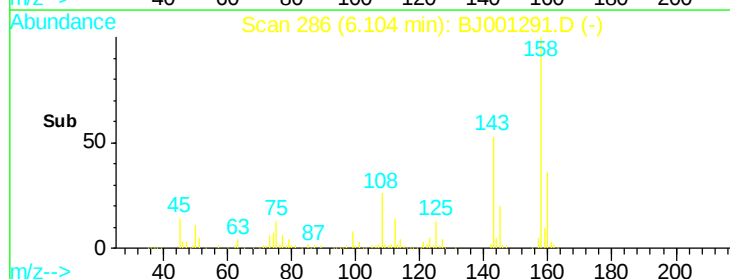
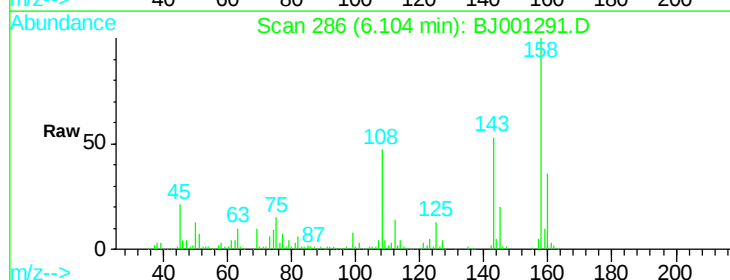
Ion Ratio Lower Upper

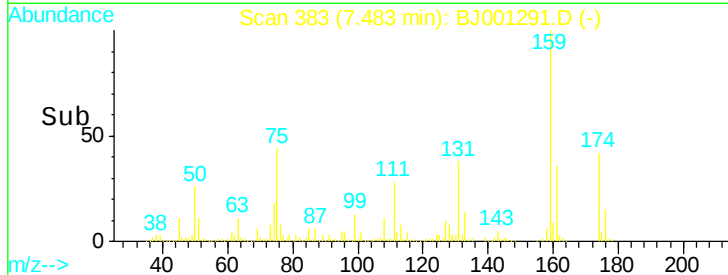
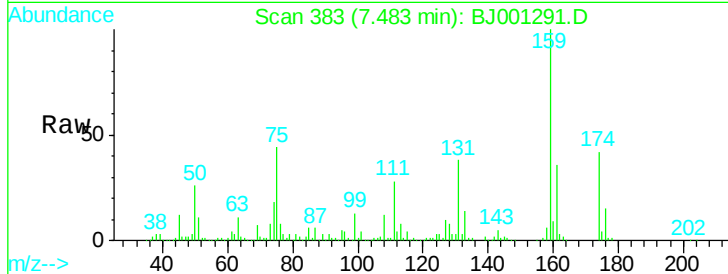
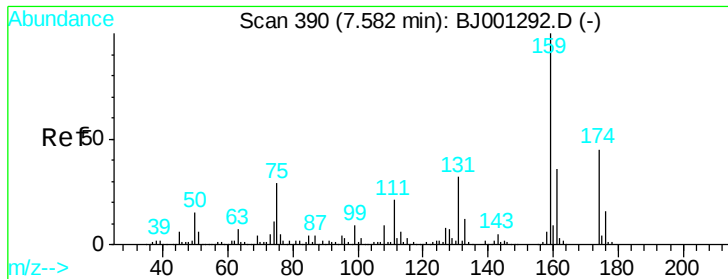
158 100

143 53.3 34.4 74.4

108 46.5 25.3 65.3

45 21.0 0.0 34.7





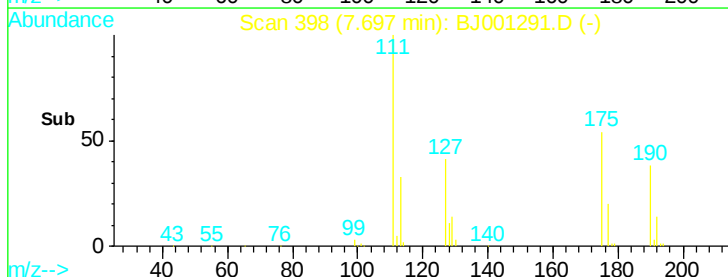
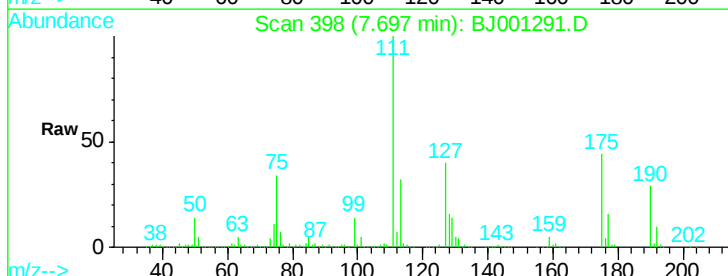
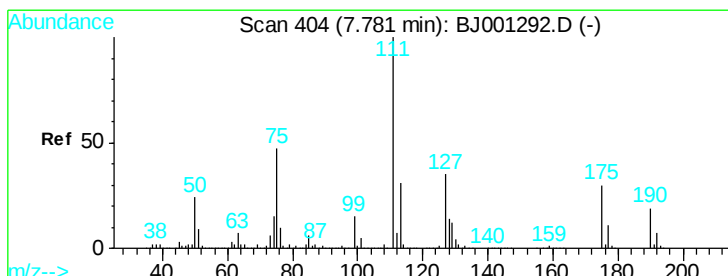
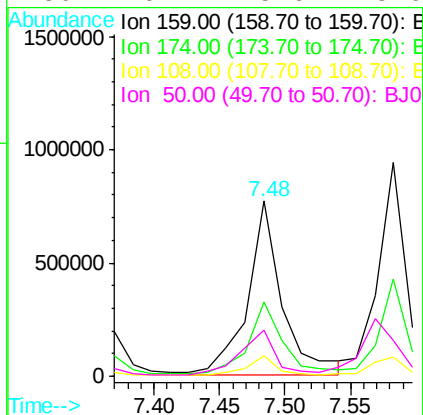
#13
p-Chlorophenylmethylsulfoxide
Concen: 21.62 ug/mL
RT: 7.48 min Scan# 383
Delta R.T. -0.10 min
Lab File: BJ001291.D
Acq: 27 Nov 2012 13:24

Instrument :
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LabSampleId :
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Tgt Ion	Ratio	Lower	Upper
159	100		
174	44.8	25.2	65.2
108	10.3	0.0	30.3
50	26.4	5.6	45.6



#14
p-Chlorophenylmethylsulfone
Concen: 21.51 ug/mL
RT: 7.70 min Scan# 398
Delta R.T. -0.08 min
Lab File: BJ001291.D
Acq: 27 Nov 2012 13:24

Tgt Ion	Ratio	Lower	Upper
111	100		
75	33.9	27.5	67.5
127	39.7	15.3	55.3
190	28.7	0.0	38.6

