

Data File : H:\VOL1\GCMSDATA\J\121003\BJ001163.D
 Acq On : 3 Oct 2012 17:31
 Sample : D4327-07MS
 Misc : SOIL BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Oct 3 18:12 2012

Vial: 11
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 4707WL-1(0.5)MS

Quant Results File: BJ092412.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Wed Oct 03 18:08:25 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	4.40	152	533395	2.00	ug/mL	-0.02
6) Naphthalene-d8	5.68	136	2275617	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.77	99	431299	0.50	ug/mL	0.02
Spiked Amount 0.500	Range	70 - 130	Recovery	=	100.00%	
12) 2-Bromothioanisole	6.97	204	664902	3.85	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	77.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.43	94	404191	1.98	ug/mL#	57
3) DMMP	3.34	79	287867	1.51	ug/mL	84
4) DIMP	4.74	97	1289366	2.75	ug/mL	94
5) 1,4-Oxathiane	3.43	46	661655	3.08	ug/mL#	28
7) 1,4-Dithiane	4.84	46	636646	3.68	ug/mL#	73
8) Thiodiglycol	5.63	61	3271695	20.47	ug/mL	99
9) Benzothiazole	5.98	135	5143333	7.76	ug/mL	93
11) p-Chlorophenylmethyldisulfide	6.23	158	2642333	7.30	ug/mL	87
13) p-Chlorophenylmethyldisulfox	7.64	159	2227262	8.17	ug/mL	99
14) p-Chlorophenylmethyldisulfon	7.84	111	2768434	8.23	ug/mL	88

Quantitation Report

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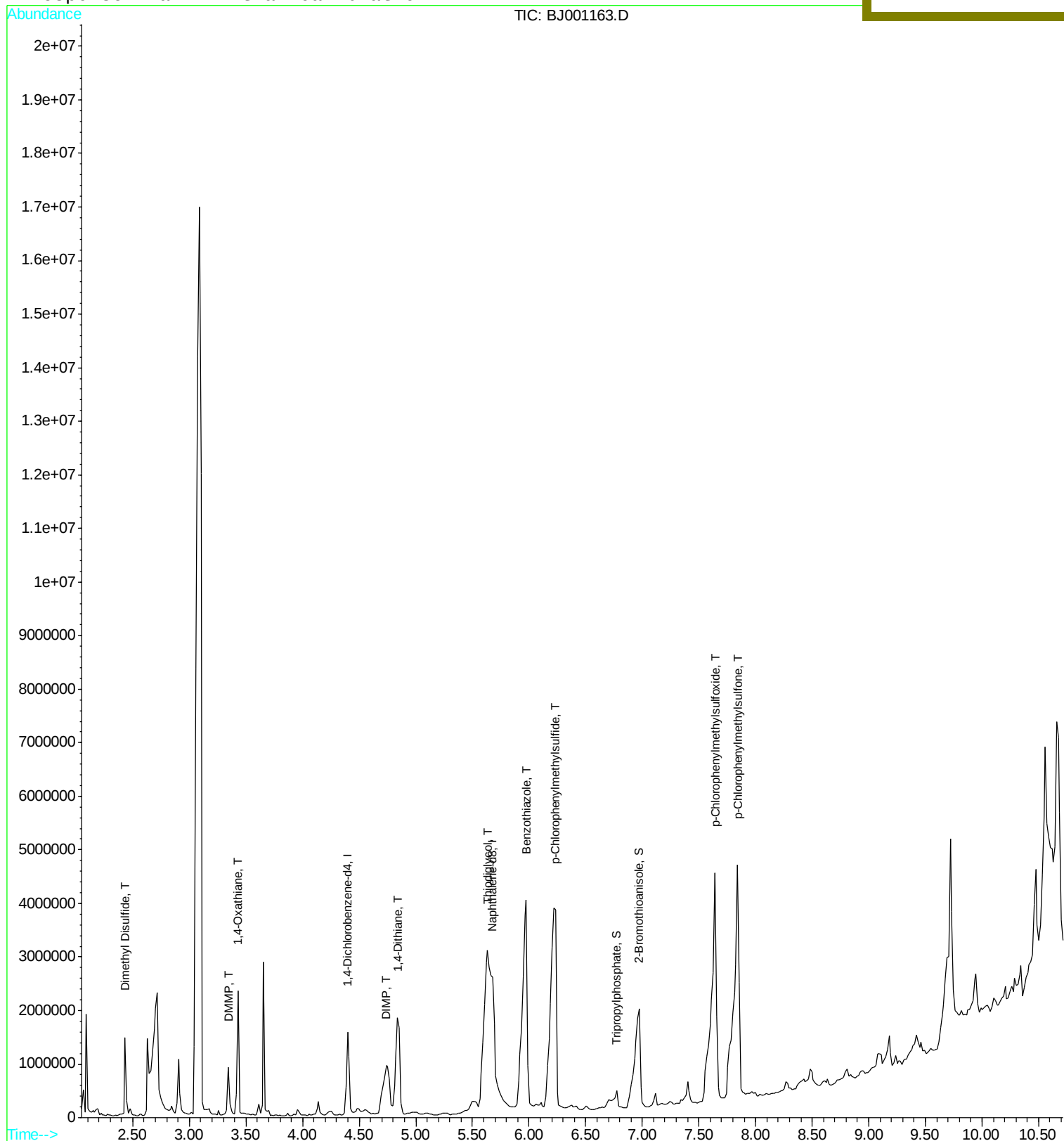
Instrument :
 BNA_J
 ClientSampleId :
 4707WL-1(0.5)MS

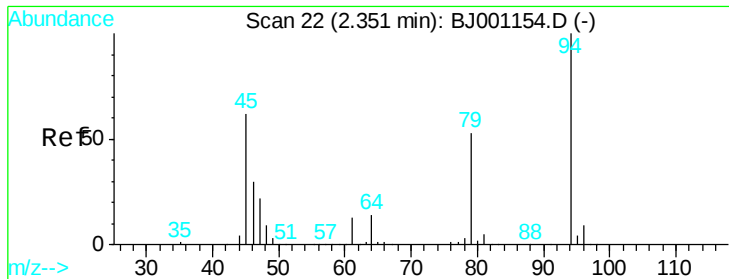
Quant Results File: BJ092412.F

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Wed Oct 03 18:08:25 2012
 Response via : Initial Calibration

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#2

Dimethyl Disulfide

Concen: 1.98 ug/mL

RT: 2.43 min Scan# 28

Delta R.T. 0.08 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

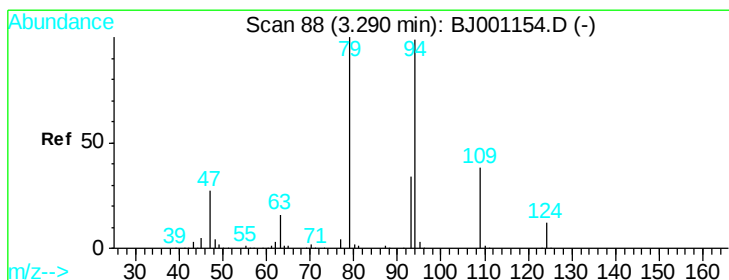
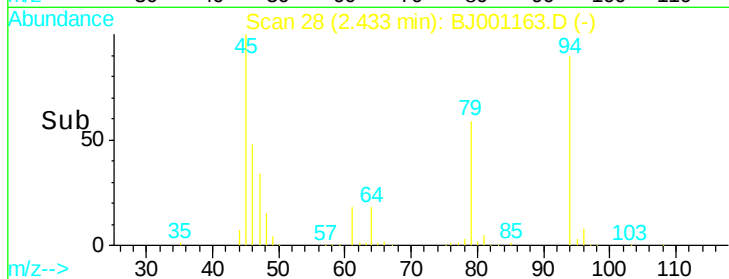
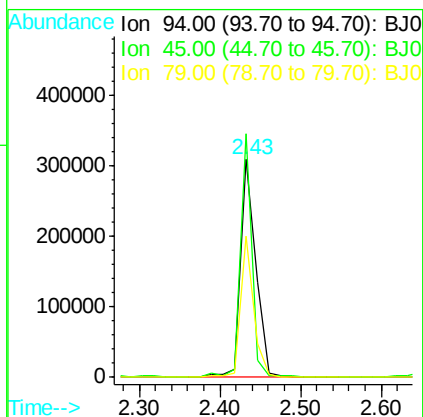
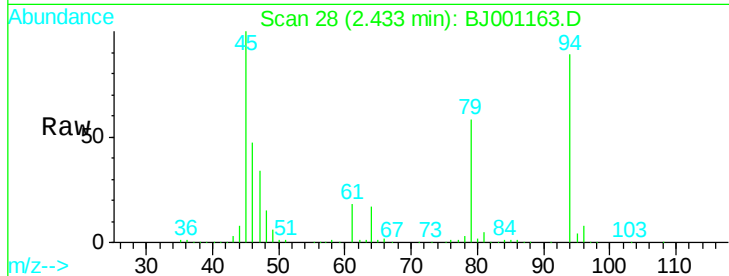
ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion:	94	Resp:	404191
Ion Ratio	Lower	Upper	
94	100		
45	112.0	42.3	82.3#
79	65.0	33.0	73.0

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#3

DMMP

Concen: 1.51 ug/mL

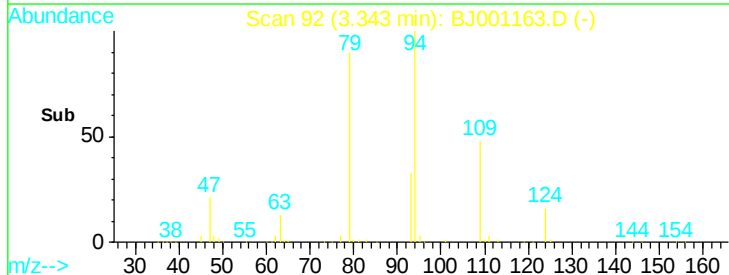
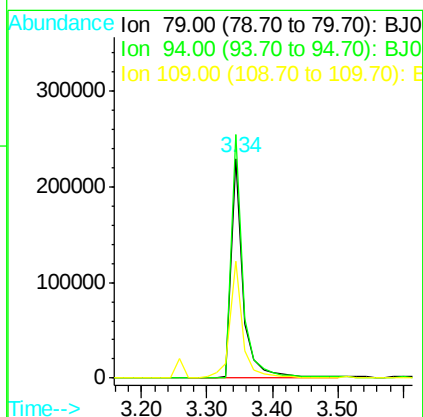
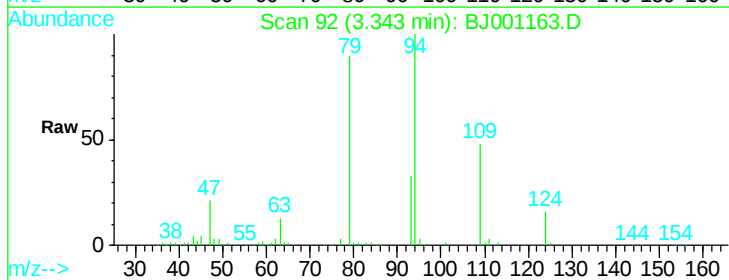
RT: 3.34 min Scan# 92

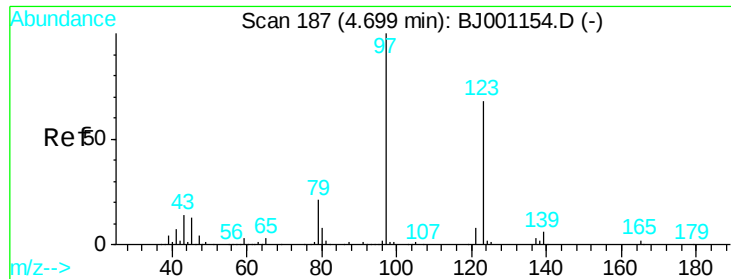
Delta R.T. 0.05 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Tgt Ion:	79	Resp:	287867
Ion Ratio	Lower	Upper	
79	100		
94	111.0	78.6	118.6
109	53.4	17.6	57.6





#4

DIMP

Concen: 2.75 ug/mL

RT: 4.74 min Scan# 190

Delta R.T. 0.04 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion: 97 Resp: 1289366

Ion Ratio Lower Upper

97 100

123 64.5 47.5 87.5

43 20.6 0.0 34.6

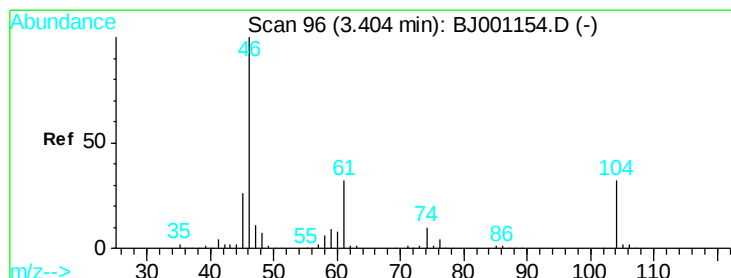
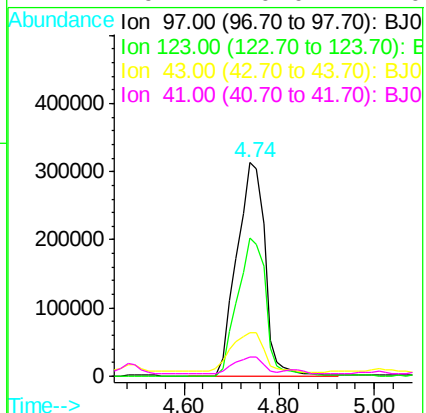
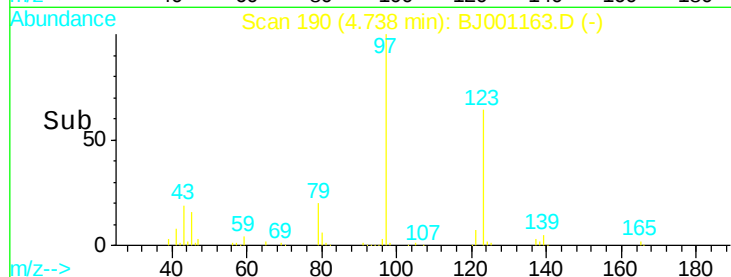
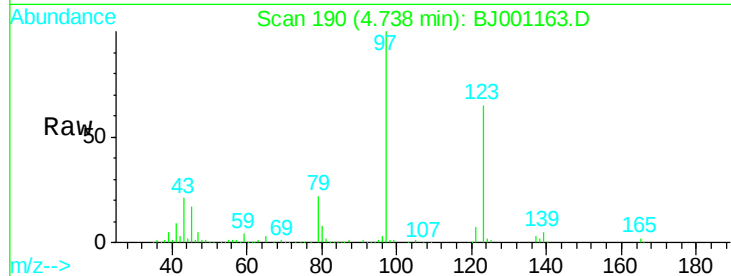
41 9.2 0.0 27.0

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#5

1,4-Oxathiane

Concen: 3.08 ug/mL

RT: 3.43 min Scan# 98

Delta R.T. 0.02 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

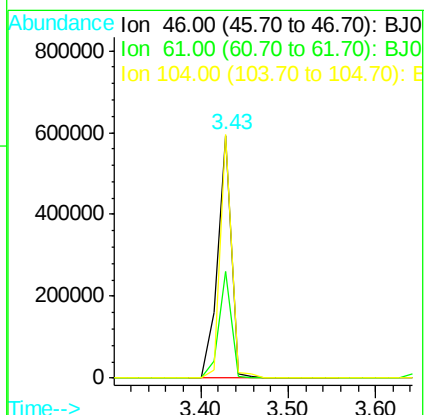
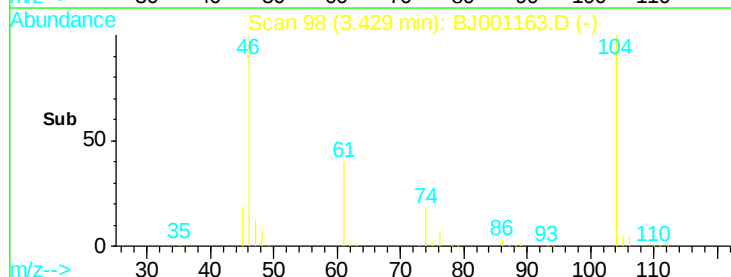
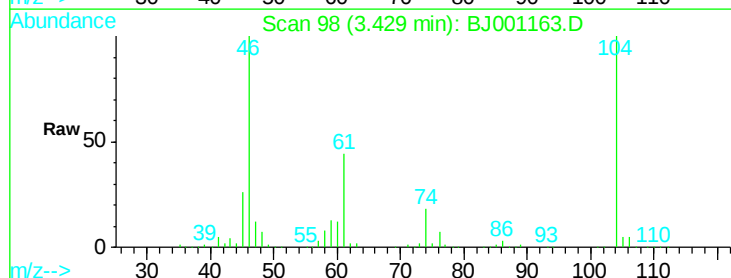
Tgt Ion: 46 Resp: 661655

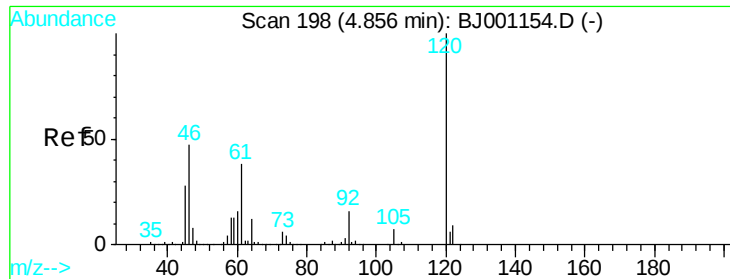
Ion Ratio Lower Upper

46 100

61 44.0 11.9 51.9

104 100.2 11.7 51.7#





#7

1,4-Dithiane

Concen: 3.68 ug/mL

RT: 4.84 min Scan# 197

Delta R.T. -0.02 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion: 46 Resp: 636646
Ion Ratio Lower Upper

46 100

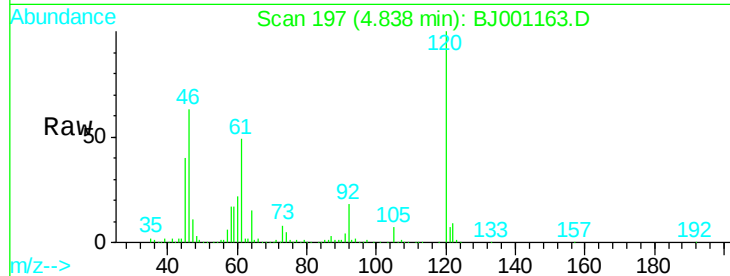
61 78.3 61.8 101.8

120 158.4 194.6 234.6#

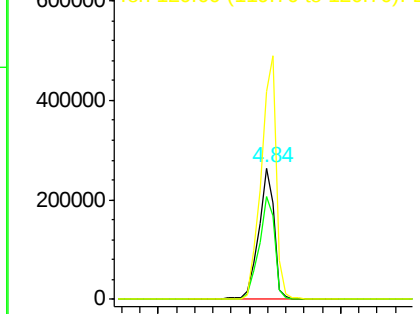
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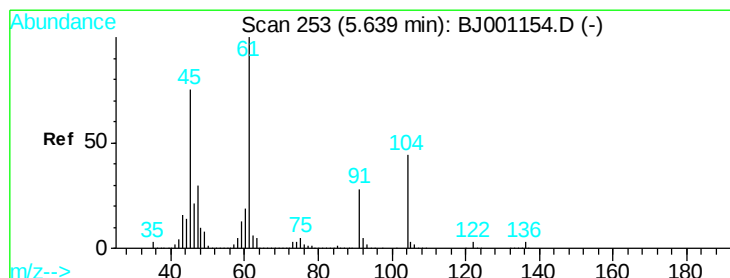
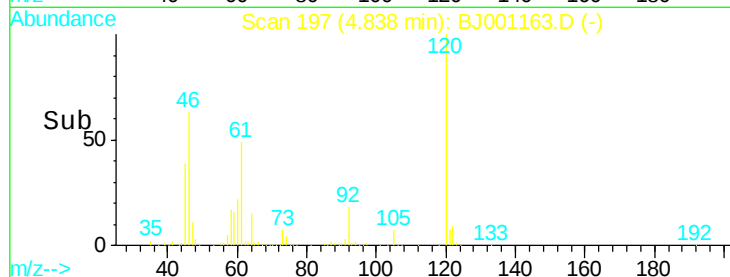
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Abundance Ion 46.00 (45.70 to 46.70): BJ0
Ion 61.00 (60.70 to 61.70): BJ0
Ion 120.00 (119.70 to 120.70): BJ0



Time-->



#8

Thiodiglycol

Concen: 20.47 ug/mL

RT: 5.63 min Scan# 253

Delta R.T. -0.00 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

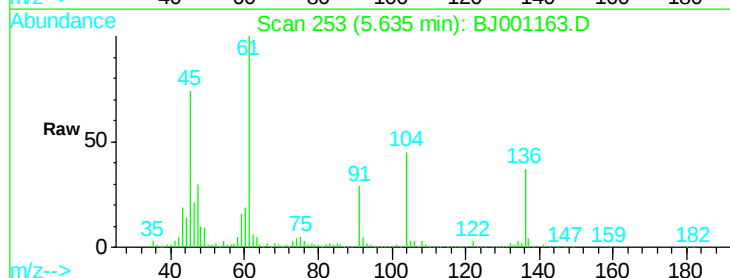
Tgt Ion: 61 Resp: 3271695

Ion Ratio Lower Upper

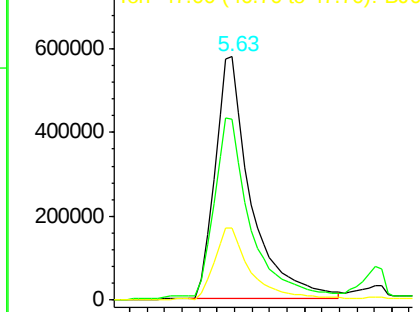
61 100

45 74.1 55.5 95.5

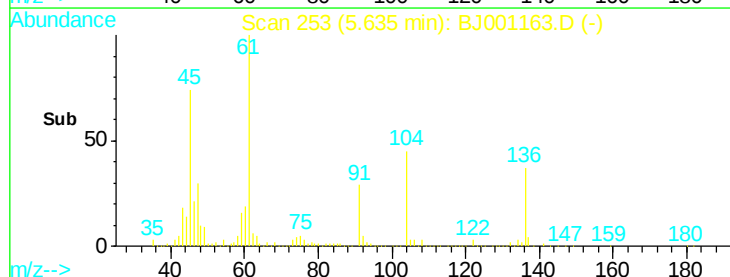
47 29.8 10.3 50.3

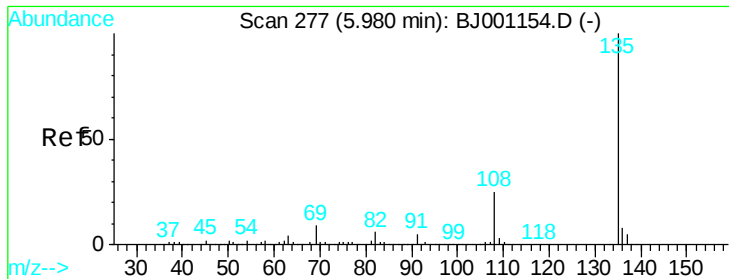


Abundance Ion 61.00 (60.70 to 61.70): BJ0
Ion 45.00 (44.70 to 45.70): BJ0
Ion 47.00 (46.70 to 47.70): BJ0



Time-->





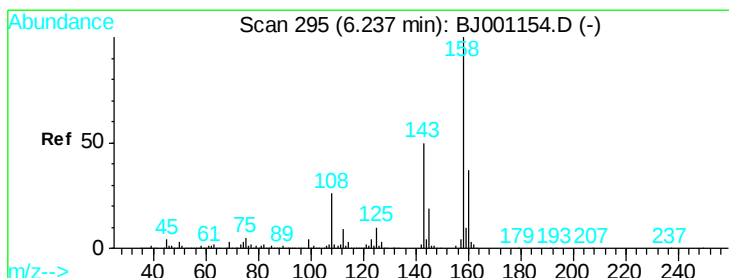
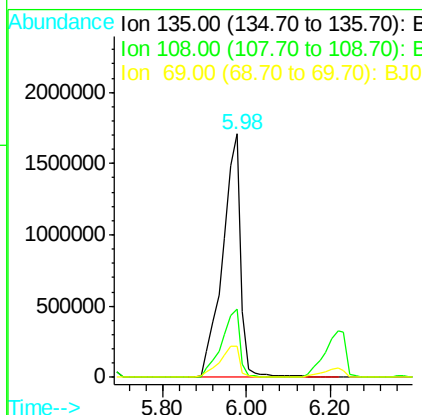
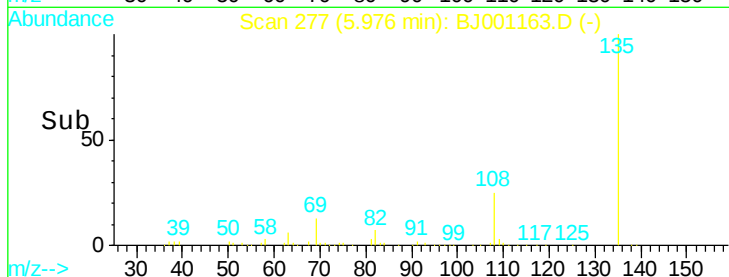
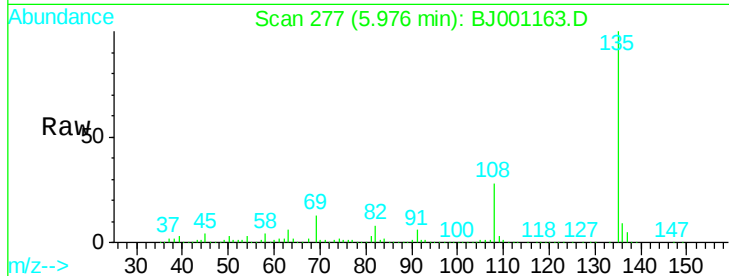
#9
Benzothiazole
Concen: 7.76 ug/mL
RT: 5.98 min Scan# 277
Delta R.T. -0.00 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Instrument :
BNA_J
ClientSampleId :
4707WL-1(0.5)MS

Tgt Ion:135 Resp: 5143333
Ion Ratio Lower Upper
135 100
108 28.0 5.2 45.2
69 12.8 0.0 29.2

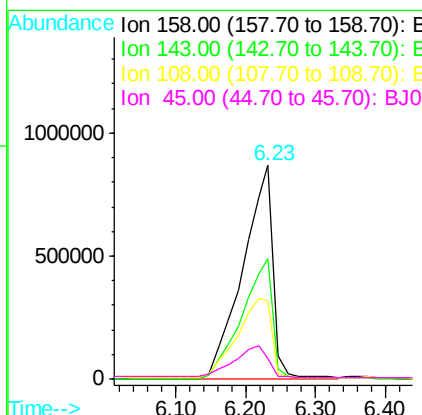
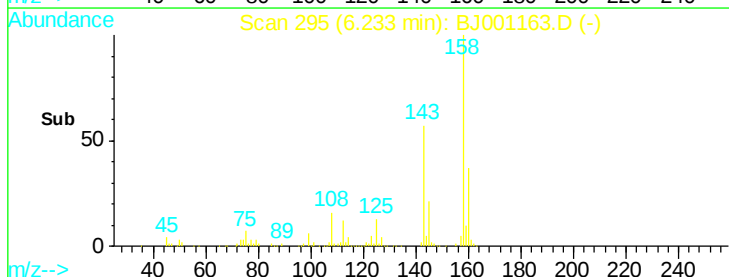
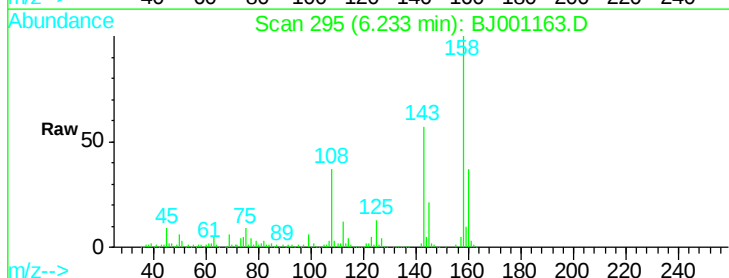
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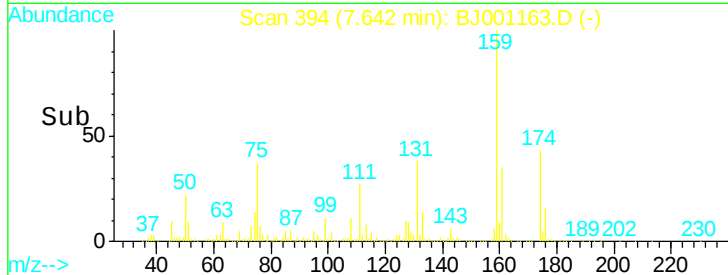
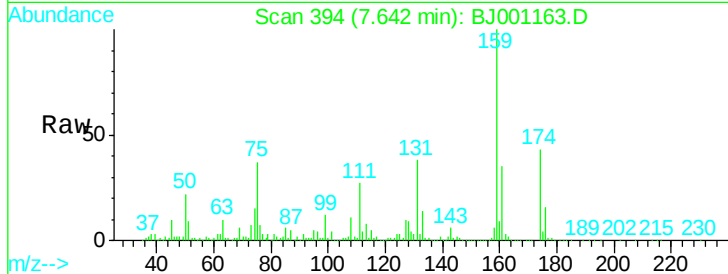
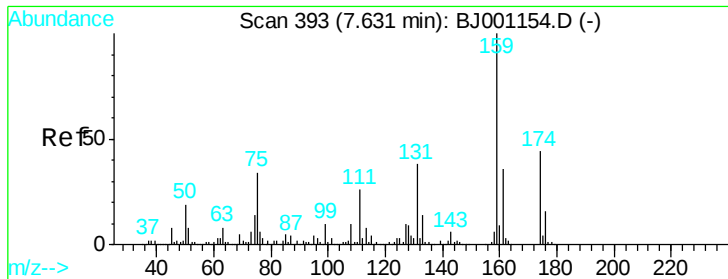
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#11
p-Chlorophenylmethylsulfide
Concen: 7.30 ug/mL
RT: 6.23 min Scan# 295
Delta R.T. -0.00 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Tgt Ion:158 Resp: 2642333
Ion Ratio Lower Upper
158 100
143 56.6 30.4 70.4
108 36.6 6.0 46.0
45 9.4 0.0 24.2





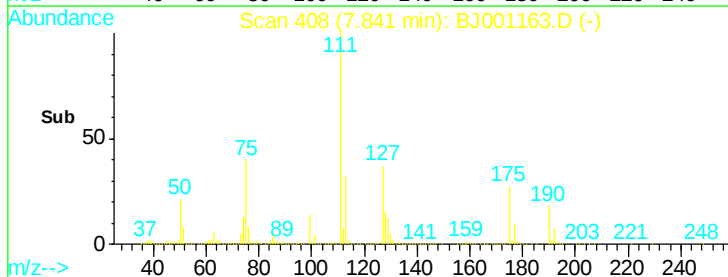
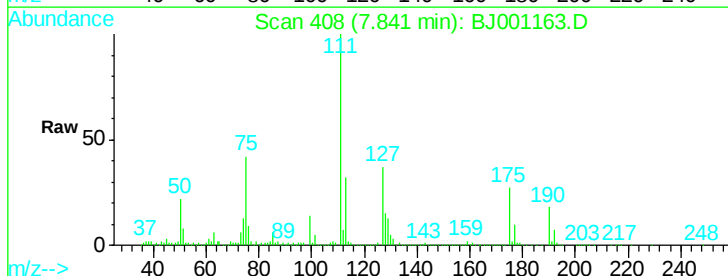
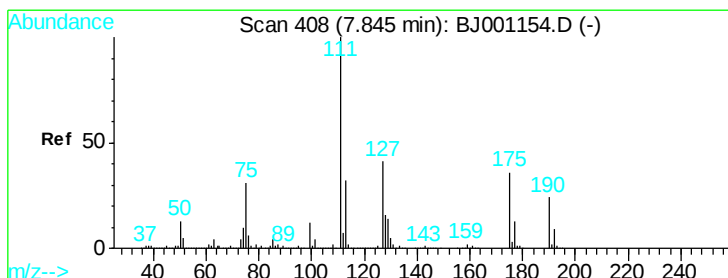
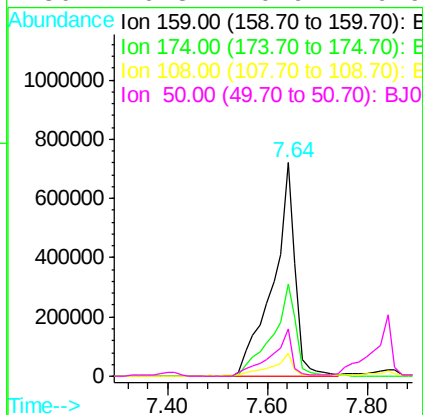
#13
p-Chlorophenylmethylsulfoxide
Concen: 8.17 ug/mL
RT: 7.64 min Scan# 394
Delta R.T. 0.01 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Instrument :
BNA_J
ClientSampleId :
4707WL-1(0.5)MS

Tgt Ion:159 Resp: 2227262
Ion Ratio Lower Upper
159 100
174 46.1 27.0 67.0
108 9.9 0.0 29.9
50 20.8 0.9 40.9

Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 8.23 ug/mL
RT: 7.84 min Scan# 408
Delta R.T. -0.00 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Tgt Ion:111 Resp: 2768434
Ion Ratio Lower Upper
111 100
75 41.8 11.0 51.0
127 37.1 21.3 61.3
190 18.0 3.9 43.9

