

Data File : H:\VOL1\GCMSDATA\J\121003\BJ001164.D
 Acq On : 3 Oct 2012 17:49
 Sample : D4327-08MSD
 Misc : SOIL BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Oct 3 18:12 2012

Vial: 12
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

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

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	498778	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.68	136	2153702	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.78	99	396467	0.49	ug/mL	0.03
Spiked Amount 0.500	Range	70 - 130	Recovery	=	98.00%	
12) 2-Bromothioanisole	6.98	204	657667	4.02	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	80.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.45	94	781297	4.40	ug/mL#	80
3) DMMP	3.35	79	328951	1.85	ug/mL#	78
4) DIMP	4.77	97	1300339	2.97	ug/mL	93
5) 1,4-Oxathiane	3.43	46	626506	3.12	ug/mL#	1
7) 1,4-Dithiane	4.84	46	642747	3.93	ug/mL#	83
8) Thiodiglycol	5.64	61	3585290	23.70	ug/mL	99
9) Benzothiazole	5.98	135	5274455	8.41	ug/mL	98
11) p-Chlorophenylmethyldisulfide	6.22	158	2654334	7.75	ug/mL#	74
13) p-Chlorophenylmethyldisulfox	7.65	159	2199631	8.49	ug/mL	99
14) p-Chlorophenylmethyldisulfon	7.85	111	2771809	8.70	ug/mL	93

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Operator: HLM
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Multiplr: 1.00

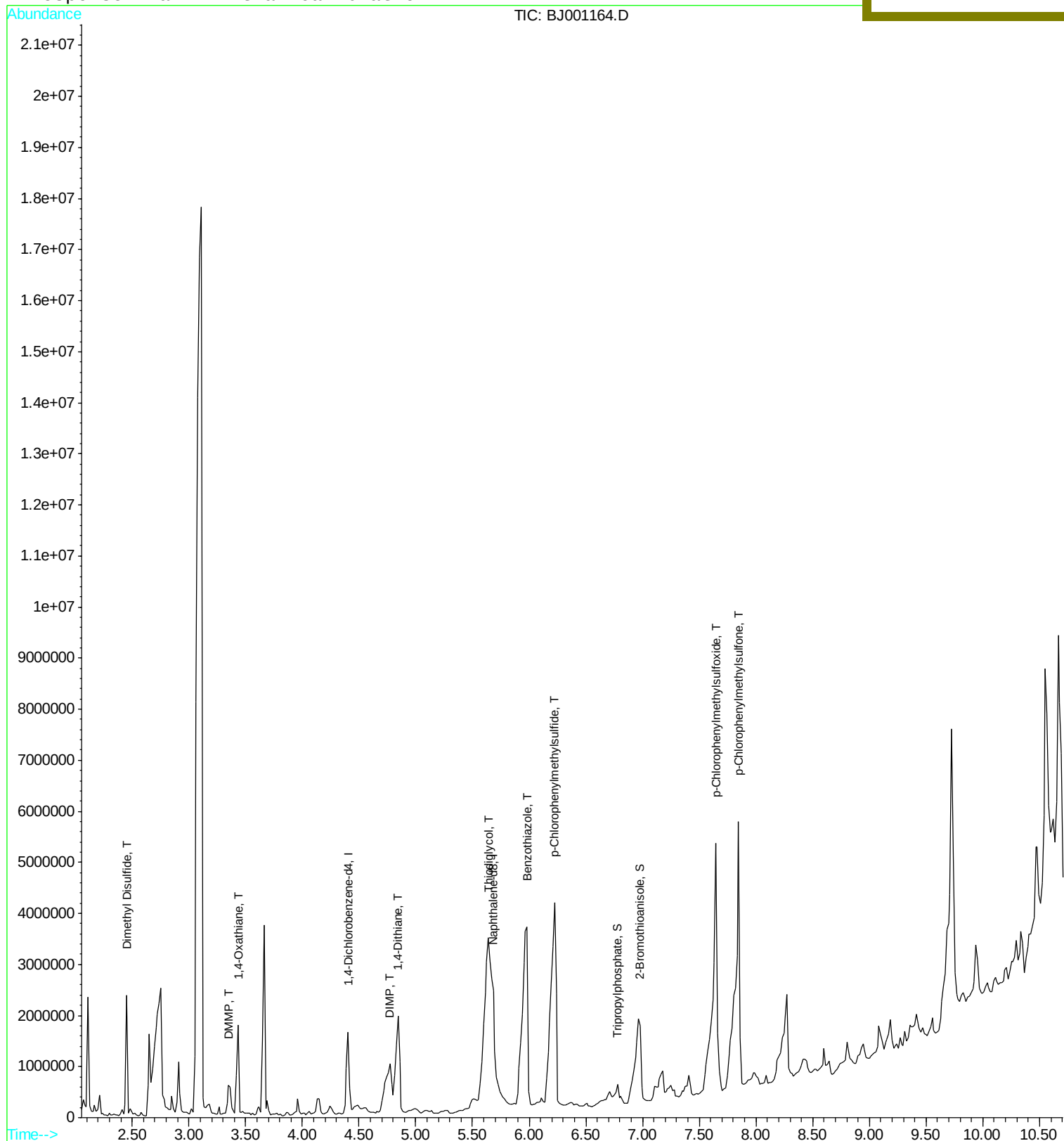
Instrument :
BNA_J
ClientSampleId :
4707WL-1(0.5)MSD

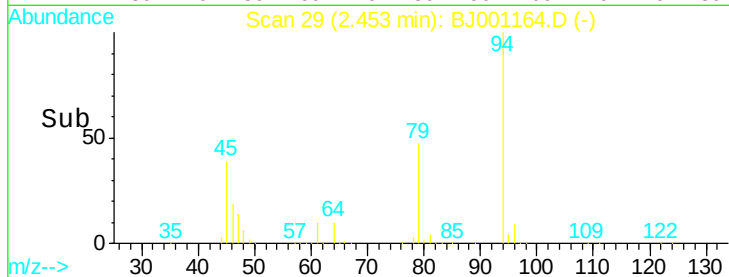
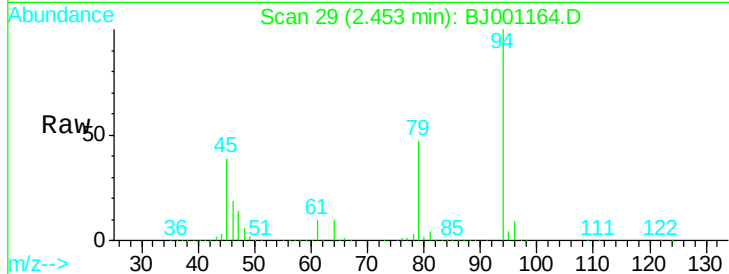
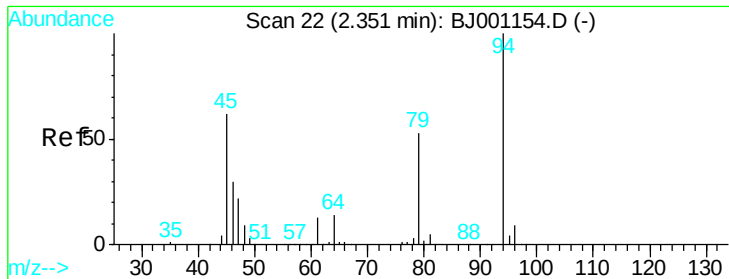
Quant Results File: BJ092412.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
Title : CWA degradation products by GCMS
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#2

Dimethyl Disulfide

Concen: 4.40 ug/mL

RT: 2.45 min Scan# 29

Delta R.T. 0.10 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

Tgt Ion	Ratio	Lower	Upper
94	100		
45	39.0	42.3	82.3#
79	47.1	33.0	73.0

Instrument :

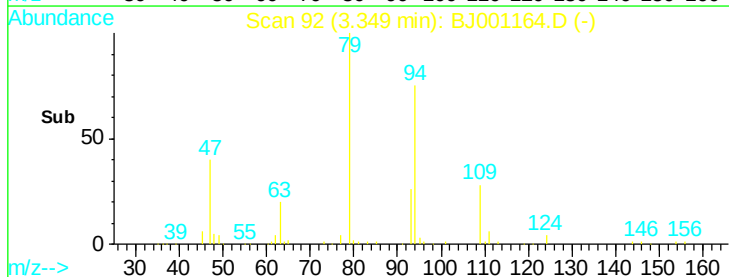
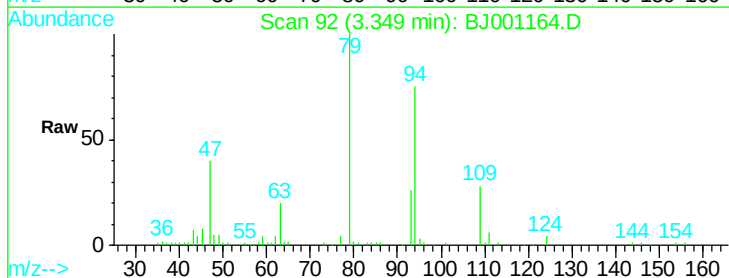
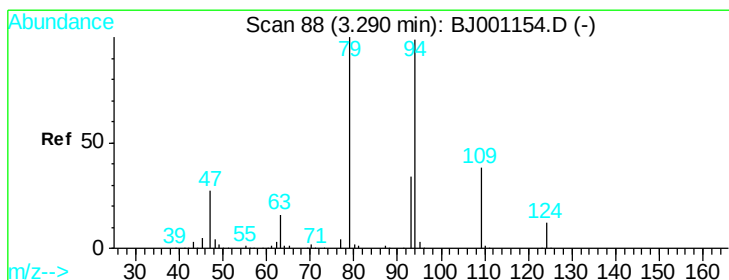
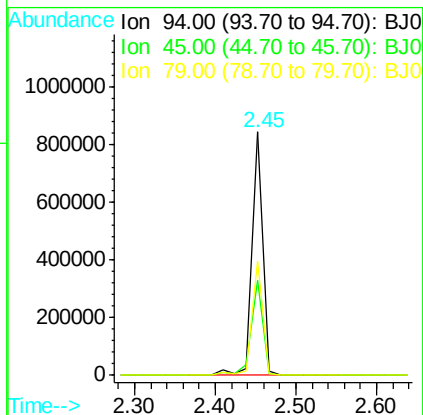
BNA_J

ClientSampleId :

4707WL-1(0.5)MSD

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#3

DMMP

Concen: 1.85 ug/mL

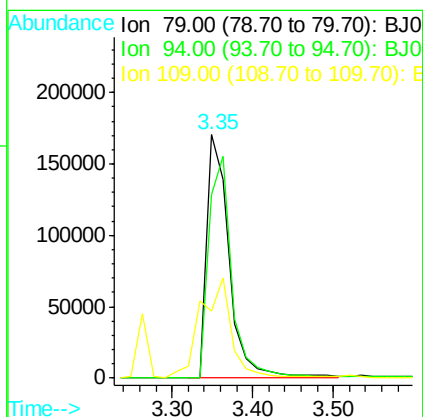
RT: 3.35 min Scan# 92

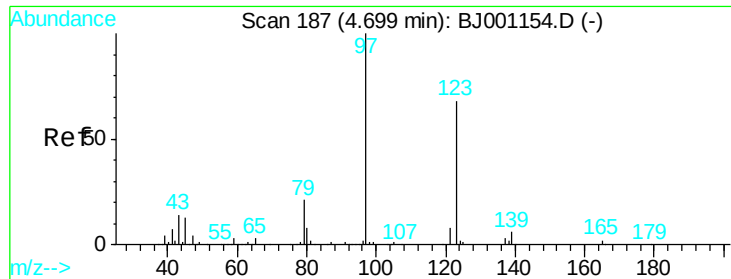
Delta R.T. 0.06 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

Tgt Ion	Ratio	Lower	Upper
79	100		
94	75.2	78.6	118.6#
109	27.6	17.6	57.6





#4

DIMP

Concen: 2.97 ug/mL

RT: 4.77 min Scan# 192

Delta R.T. 0.07 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MSD

Tgt Ion: 97 Resp: 1300339

Ion Ratio Lower Upper

97 100

123 63.3 47.5 87.5

43 21.8 0.0 34.6

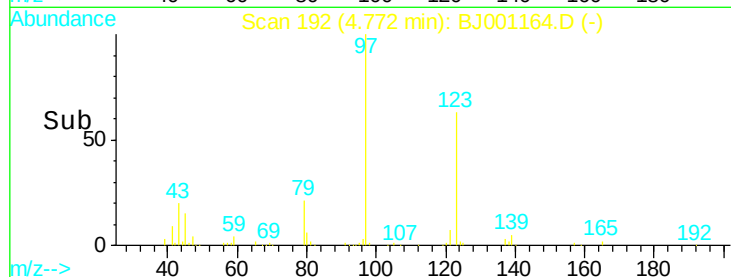
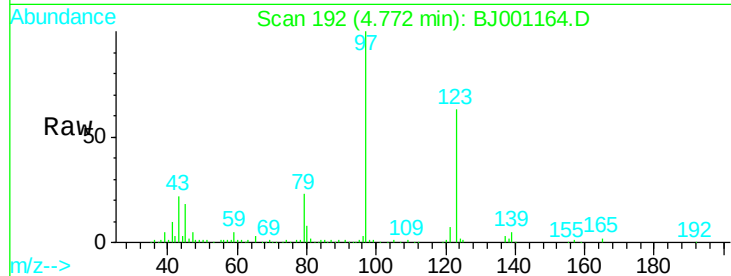
41 9.8 0.0 27.0

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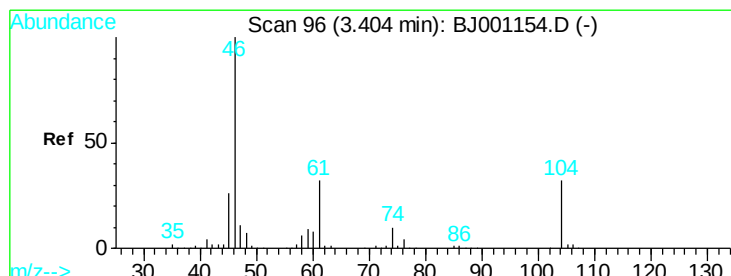
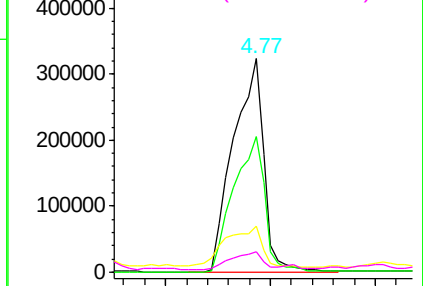
Abundance

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: 3.12 ug/mL

RT: 3.43 min Scan# 98

Delta R.T. 0.03 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

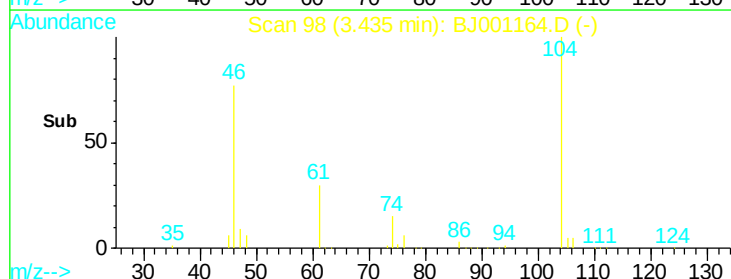
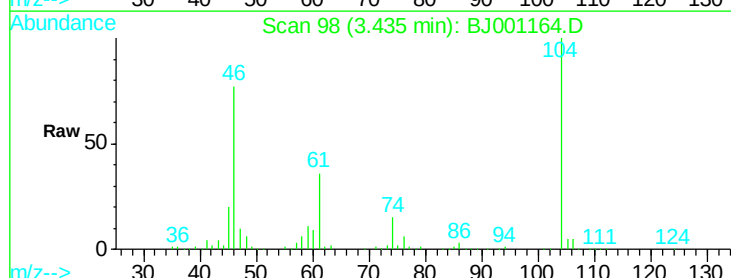
Tgt Ion: 46 Resp: 626506

Ion Ratio Lower Upper

46 100

61 46.7 11.9 51.9

104 129.8 11.7 51.7#

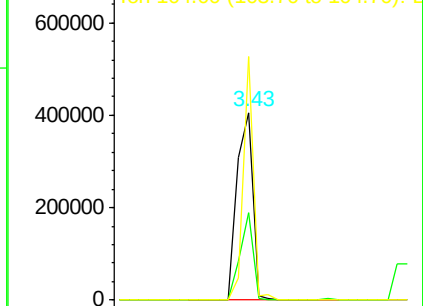


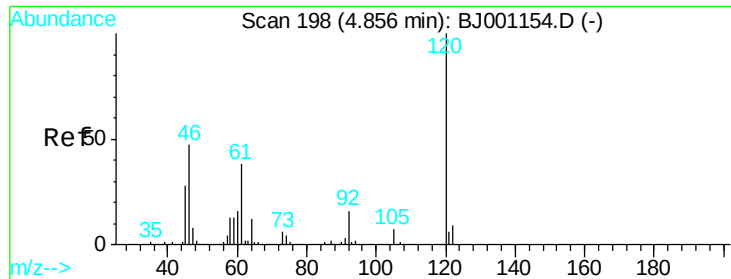
Abundance

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: 3.93 ug/mL

RT: 4.84 min Scan# 197

Delta R.T. -0.01 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MSD

Tgt Ion: 46 Resp: 642747

Ion Ratio Lower Upper

46 100

61 78.5 61.8 101.8

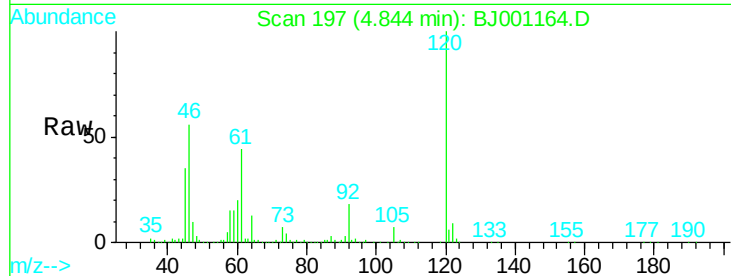
120 179.9 194.6 234.6#

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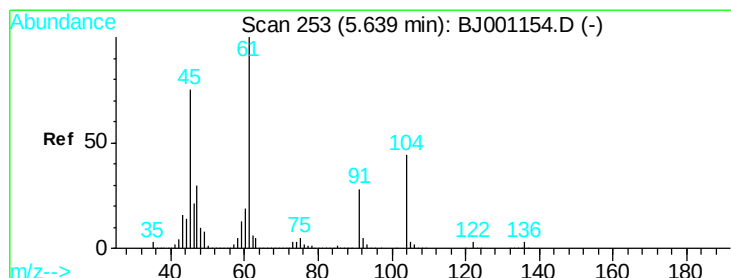
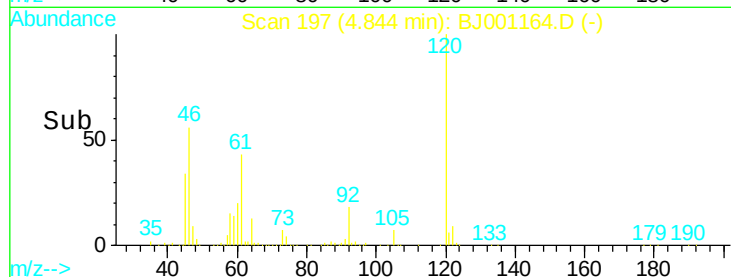
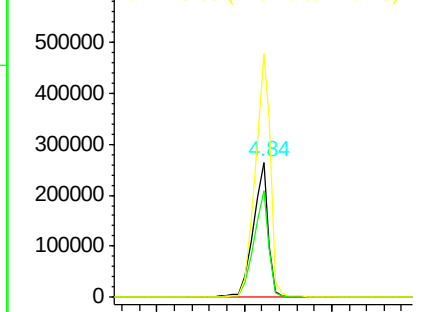


Abundance

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



#8

Thiodiglycol

Concen: 23.70 ug/mL

RT: 5.64 min Scan# 253

Delta R.T. 0.00 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

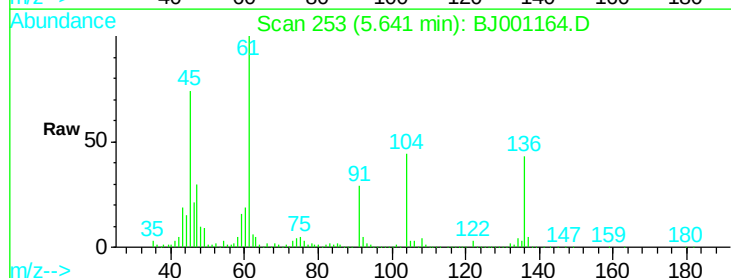
Tgt Ion: 61 Resp: 3585290

Ion Ratio Lower Upper

61 100

45 74.3 55.5 95.5

47 29.8 10.3 50.3

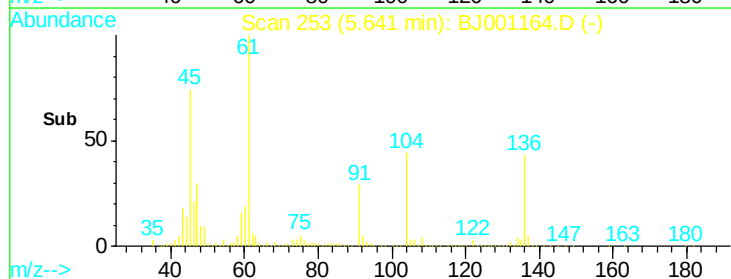
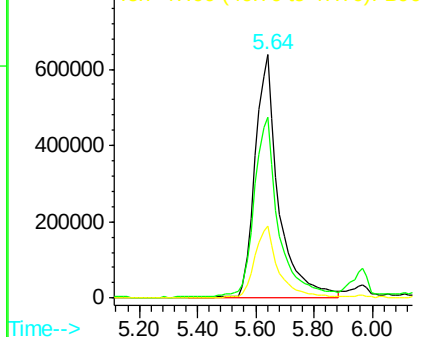


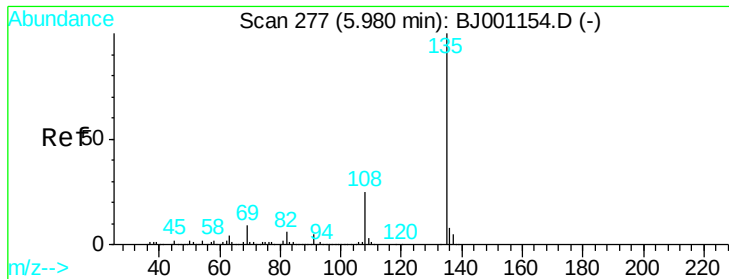
Abundance

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





#9

Benzothiazole

Concen: 8.41 ug/mL

RT: 5.98 min Scan# 277

Delta R.T. 0.00 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MSD

Tgt Ion:135 Resp: 5274455

Ion Ratio Lower Upper

135 100

108 26.1 5.2 45.2

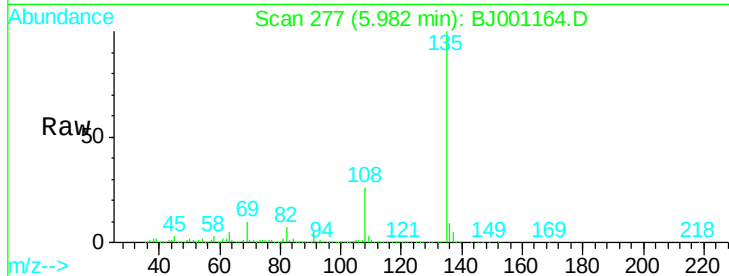
69 10.3 0.0 29.2

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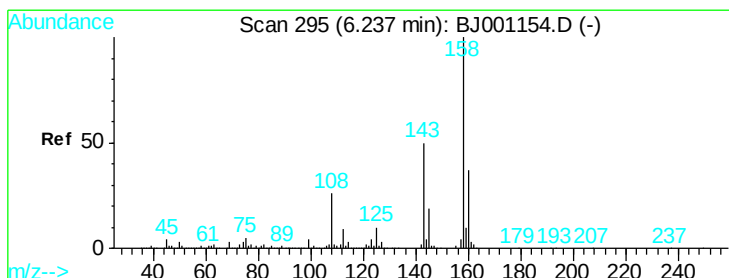
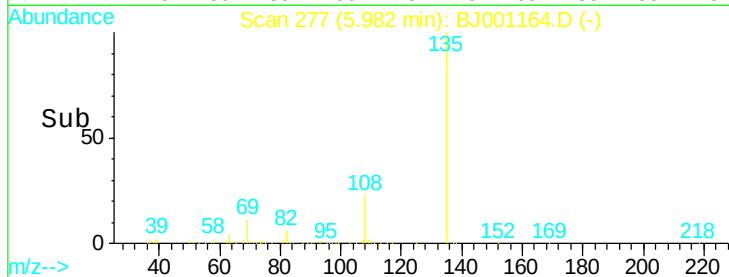
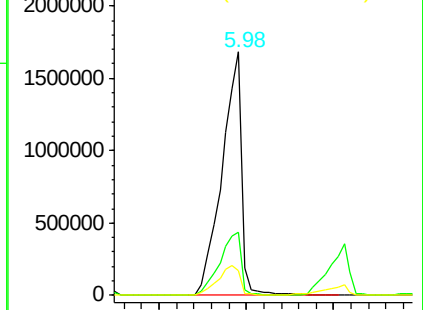


Abundance

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: 7.75 ug/mL

RT: 6.22 min Scan# 294

Delta R.T. -0.01 min

Lab File: BJ001164.D

Acq: 3 Oct 2012 17:49

Tgt Ion:158 Resp: 2654334

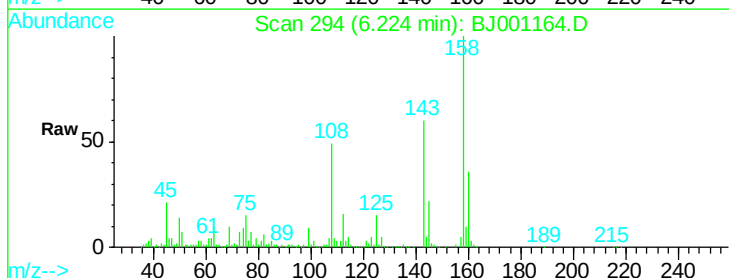
Ion Ratio Lower Upper

158 100

143 59.9 30.4 70.4

108 48.6 6.0 46.0#

45 20.8 0.0 24.2



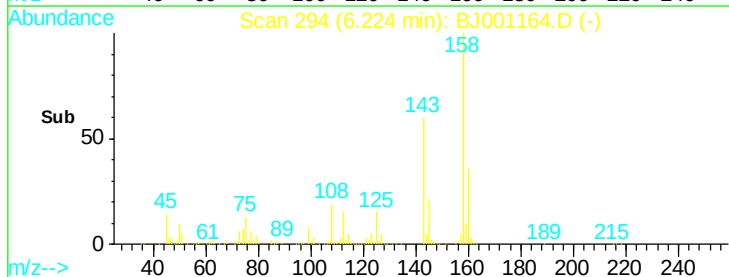
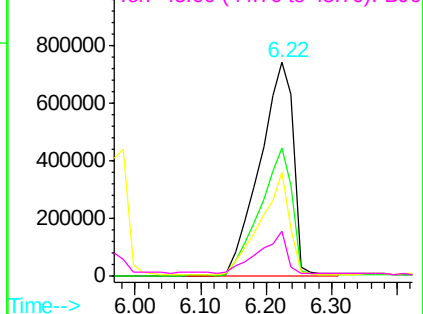
Abundance

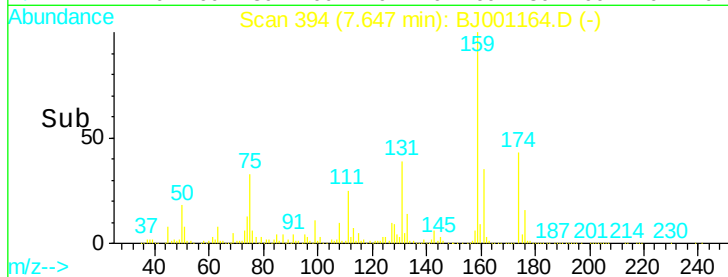
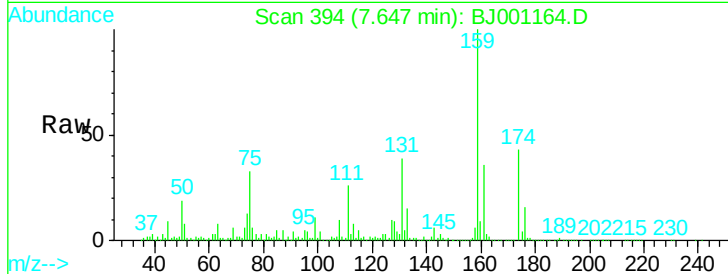
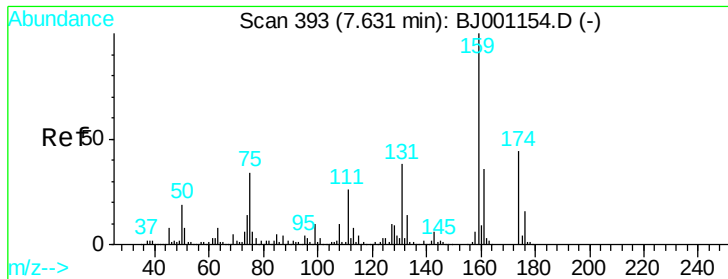
Ion 158.00 (157.70 to 158.70): E

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





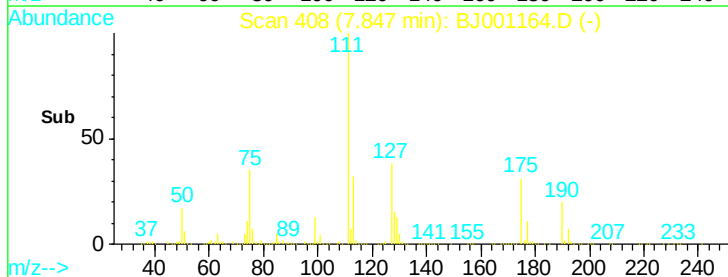
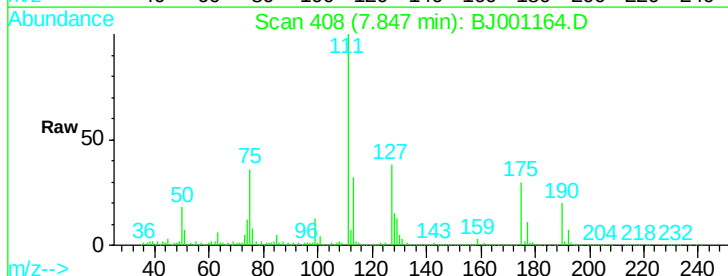
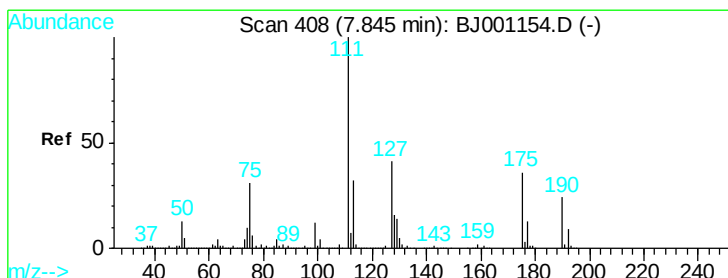
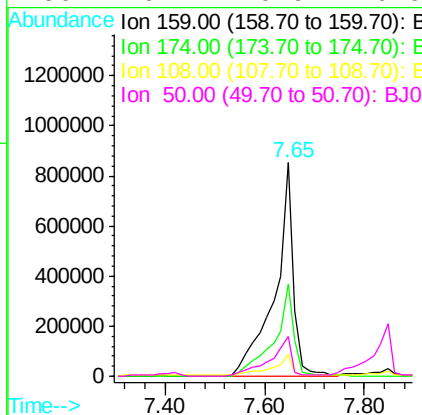
#13
p-Chlorophenylmethylsulfoxide
Concen: 8.49 ug/mL
RT: 7.65 min Scan# 394
Delta R.T. 0.02 min
Lab File: BJ001164.D
Acq: 3 Oct 2012 17:49

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

Tgt Ion:159 Resp: 2199631
Ion Ratio Lower Upper
159 100
174 45.8 27.0 67.0
108 10.0 0.0 29.9
50 20.7 0.9 40.9

Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 8.70 ug/mL
RT: 7.85 min Scan# 408
Delta R.T. 0.00 min
Lab File: BJ001164.D
Acq: 3 Oct 2012 17:49

Tgt Ion:111 Resp: 2771809
Ion Ratio Lower Upper
111 100
75 36.3 11.0 51.0
127 38.3 21.3 61.3
190 20.2 3.9 43.9

