

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001047.D
 Acq On : 20 Jul 2012 16:20
 Sample : D3359-02
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jul 20 16:26 2012

Vial: 14
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ072012.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Jul 20 14:08:00 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.67	152	271584	2.00	ug/mL	0.00
6) Naphthalene-d8	5.96	136	1075886	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.01	99	245187	0.62	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	124.00%
12) 2-Bromothioanisole	7.26	204	397565	4.73	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%

Target Compounds

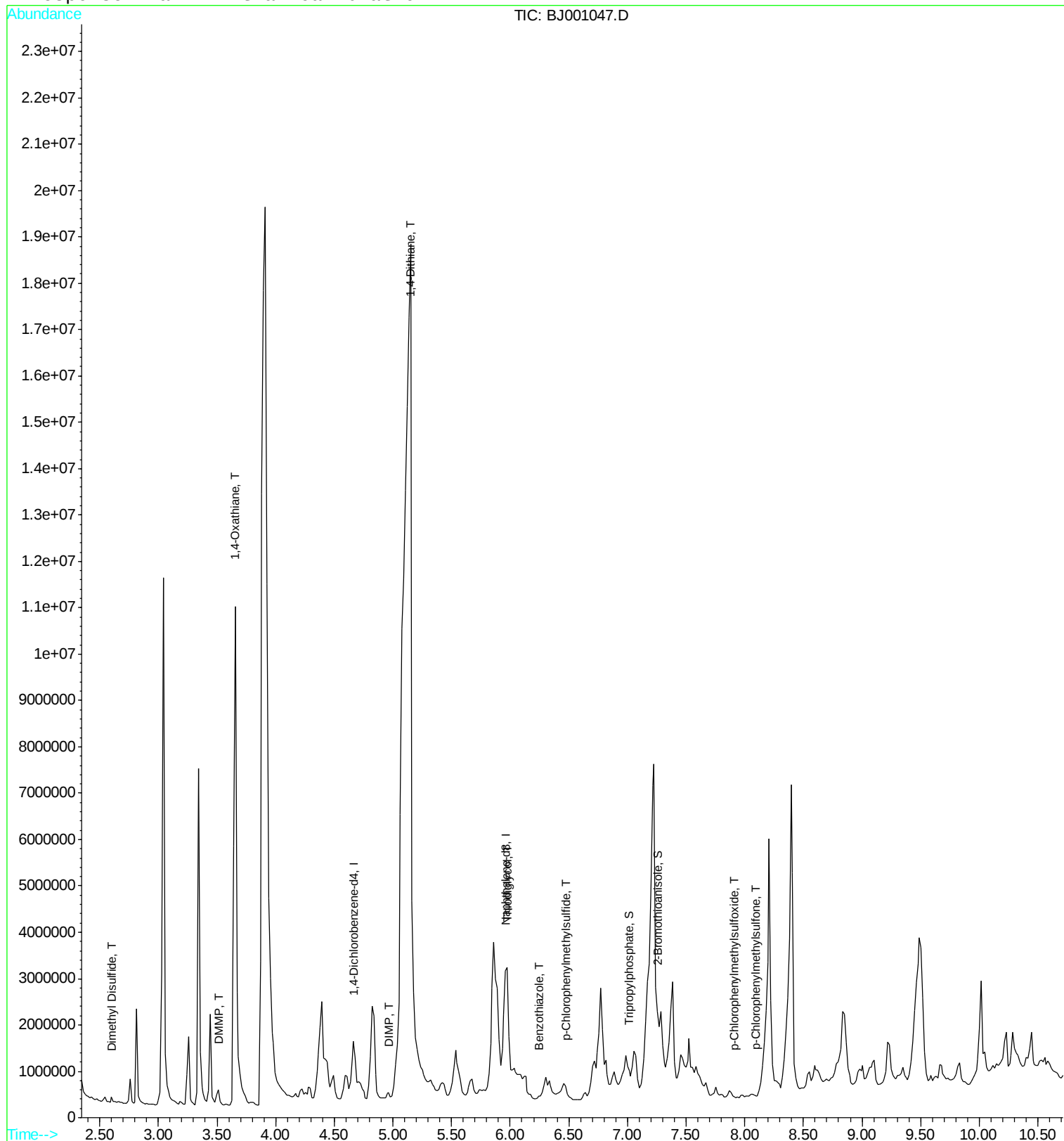
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.60	94	12455	0.12	ug/mL	87
3) DMMP	3.51	79	11137	0.09	ug/mL#	23
4) DIMP	4.96	97	34526	0.16	ug/mL#	1
5) 1,4-Oxathiane	3.65	46	5829210	46.12	ug/mL	96
7) 1,4-Dithiane	5.15	46	12222435	120.99	ug/mL	95
8) Thiodiglycol	5.97	61	112046	1.31	ug/mL	91
9) Benzothiazole	6.25	135	7340	0.03	ug/mL#	1
11) p-Chlorophenylmethyldisulfid	6.47	158	5098	0.03	ug/mL#	1
13) p-Chlorophenylmethyldisulfox	7.91	159	2027	0.04	ug/mL#	20
14) p-Chlorophenylmethyldisulfon	8.10	111	6458	0.04	ug/mL#	47

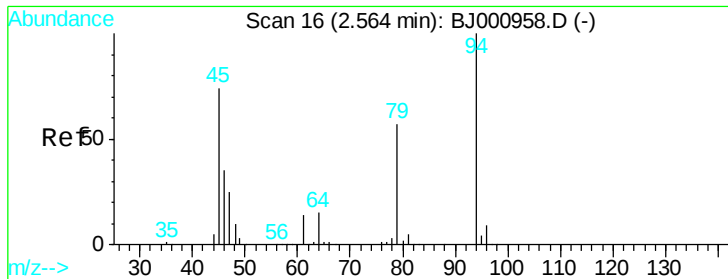
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#2

Dimethyl Disulfide

Concen: 0.12 ug/mL

RT: 2.60 min Scan# 19

Delta R.T. 0.02 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

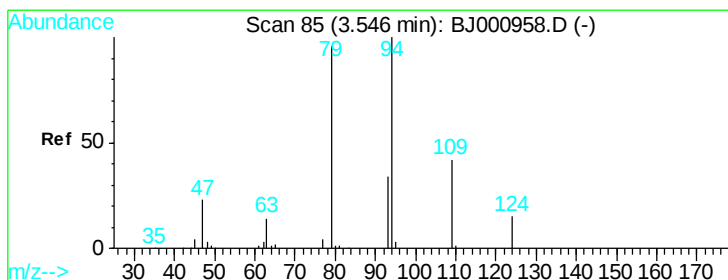
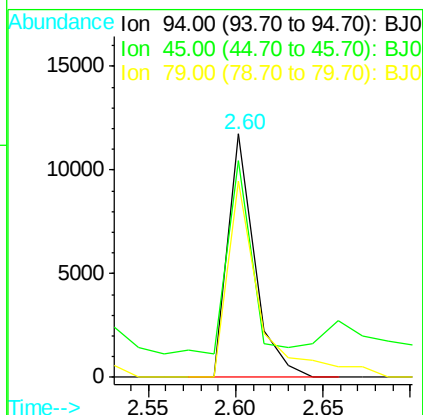
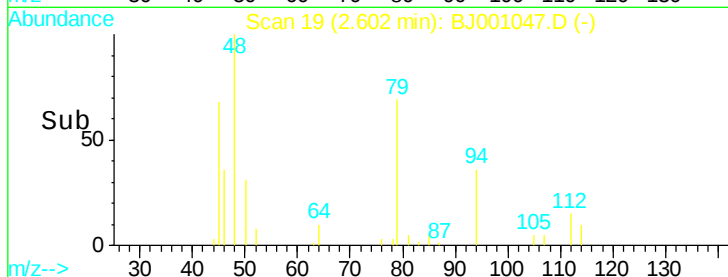
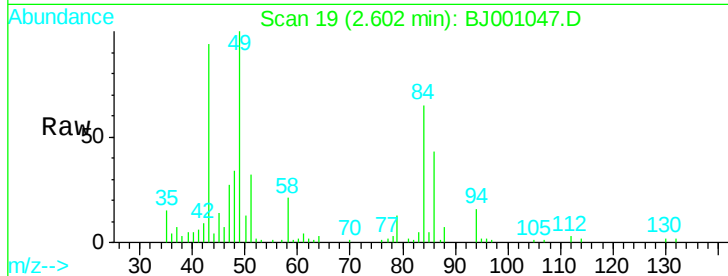
Tgt Ion: 94 Resp: 12455

Ion Ratio Lower Upper

94 100

45 89.1 75.2 115.2

79 80.7 43.1 83.1



#3

DMMP

Concen: 0.09 ug/mL

RT: 3.51 min Scan# 83

Delta R.T. -0.03 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

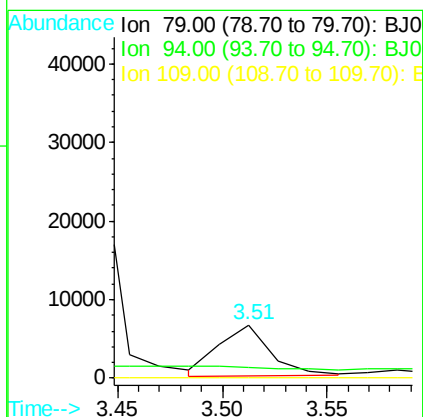
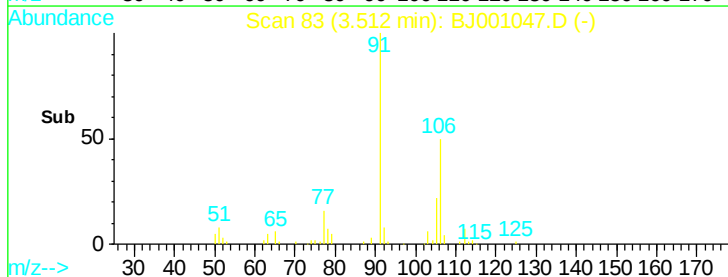
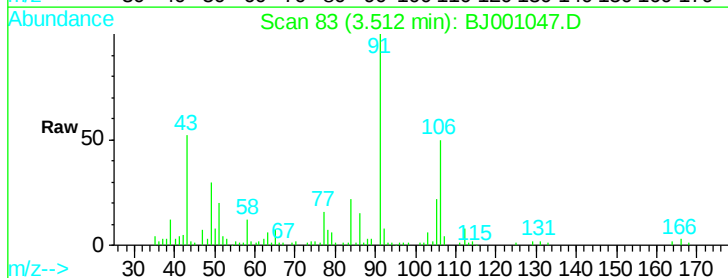
Tgt Ion: 79 Resp: 11137

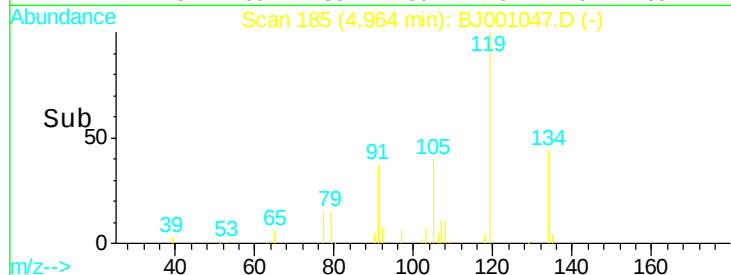
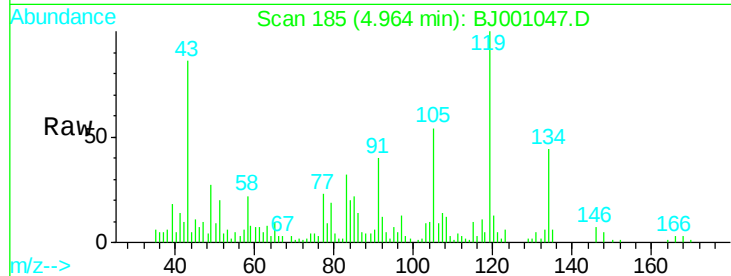
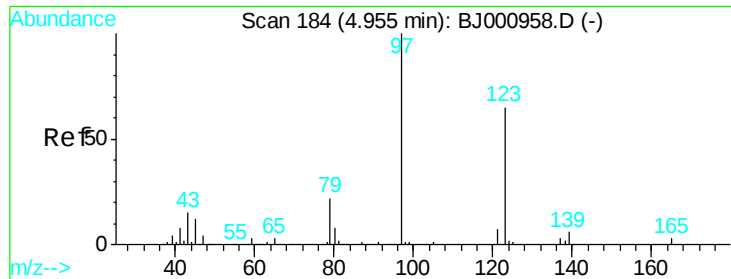
Ion Ratio Lower Upper

79 100

94 19.9 83.0 123.0#

109 0.0 20.0 60.0#





#4

DIMP

Concen: 0.16 ug/mL

RT: 4.96 min Scan# 185

Delta R.T. 0.02 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

Tgt Ion: 97 Resp: 34526

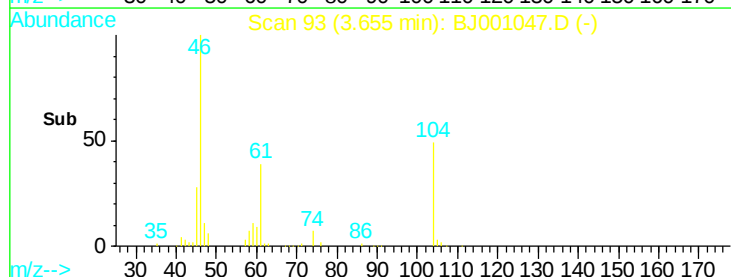
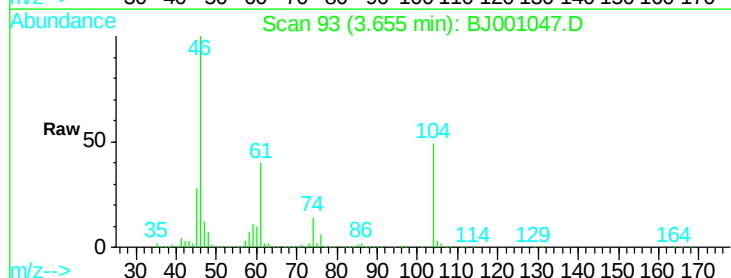
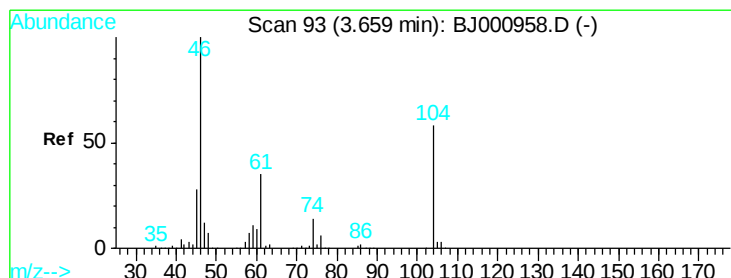
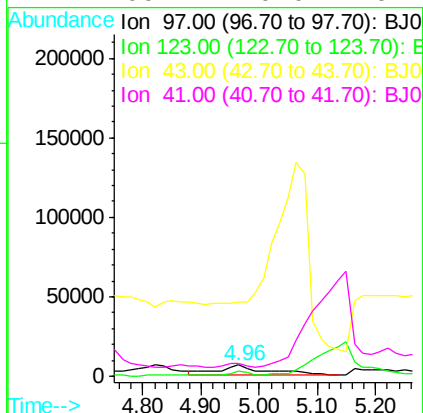
Ion Ratio Lower Upper

97 100

123 43.8 43.8 83.8#

43 659.8 0.0 38.6#

41 109.4 0.0 29.1#



#5

1,4-Oxathiane

Concen: 46.12 ug/mL

RT: 3.65 min Scan# 93

Delta R.T. 0.01 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

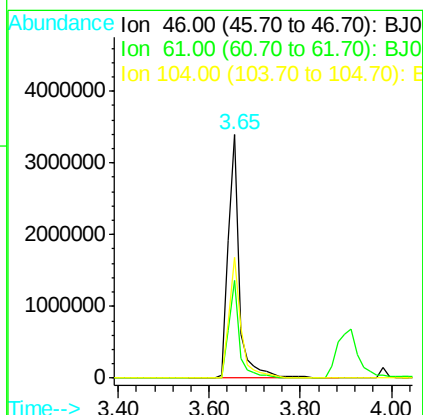
Tgt Ion: 46 Resp: 5829210

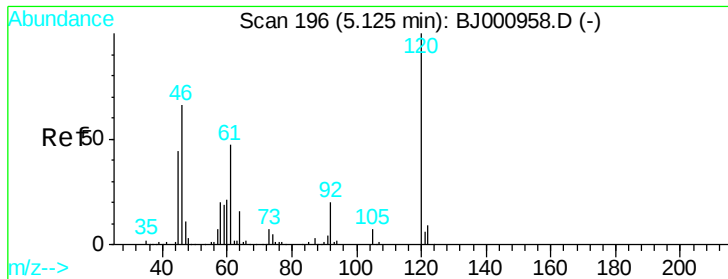
Ion Ratio Lower Upper

46 100

61 40.0 19.4 59.4

104 49.4 34.1 74.1





#7

1,4-Dithiane

Concen: 120.99 ug/mL

RT: 5.15 min Scan# 198

Delta R.T. 0.04 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

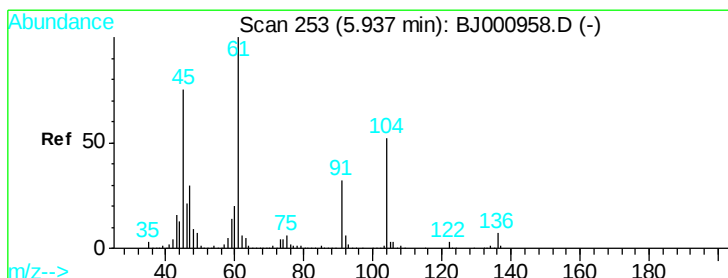
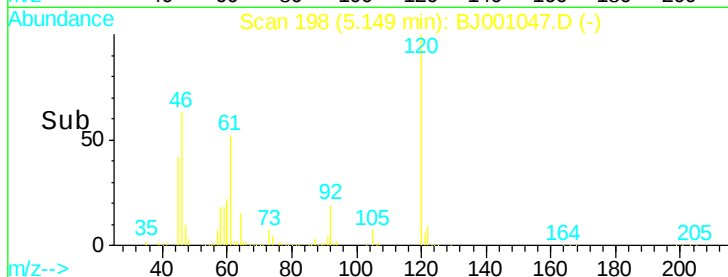
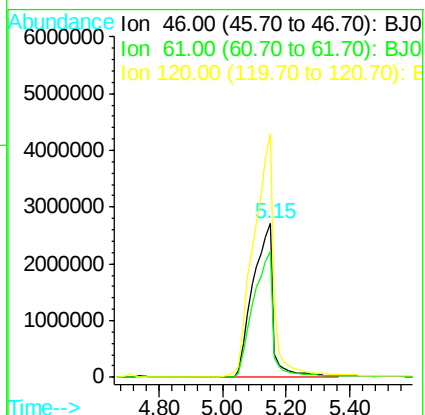
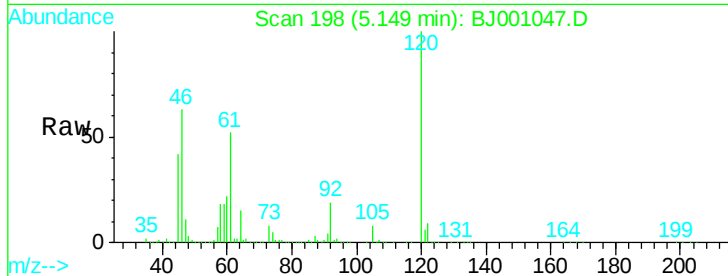
Tgt Ion: 46 Resp:12222435

Ion Ratio Lower Upper

46 100

61 81.9 63.7 103.7

120 158.2 148.0 188.0



#8

Thiodiglycol

Concen: 1.31 ug/mL

RT: 5.97 min Scan# 256

Delta R.T. 0.05 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

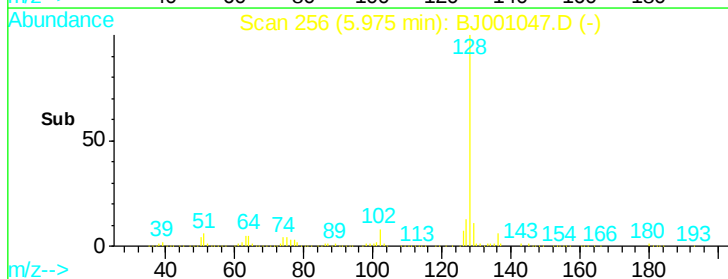
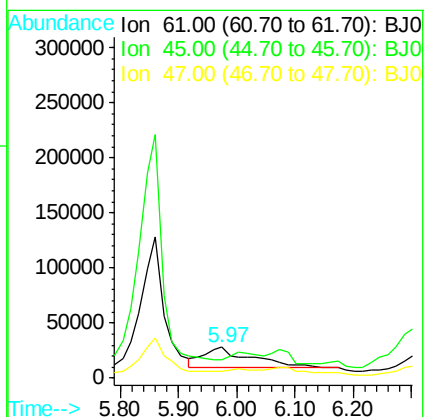
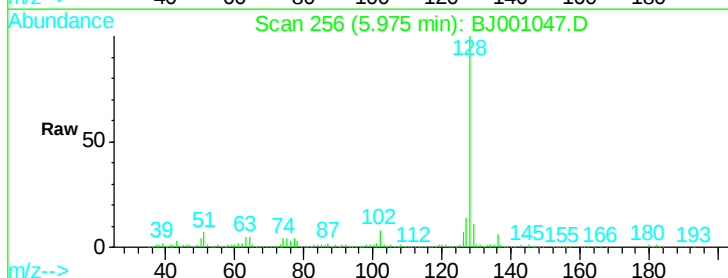
Tgt Ion: 61 Resp: 112046

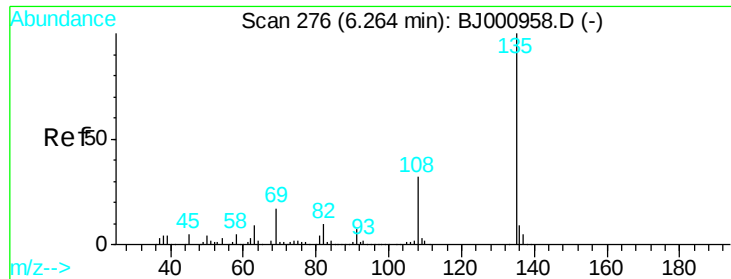
Ion Ratio Lower Upper

61 100

45 61.7 49.0 89.0

47 23.7 7.6 47.6





#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.25 min Scan# 275

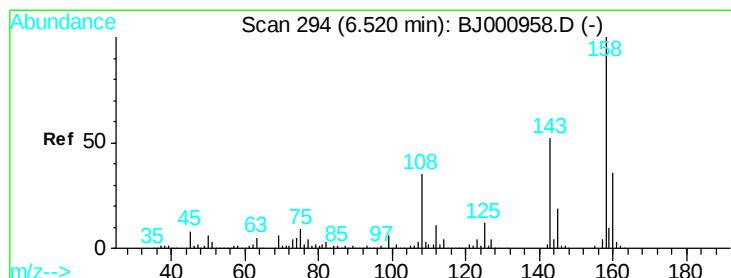
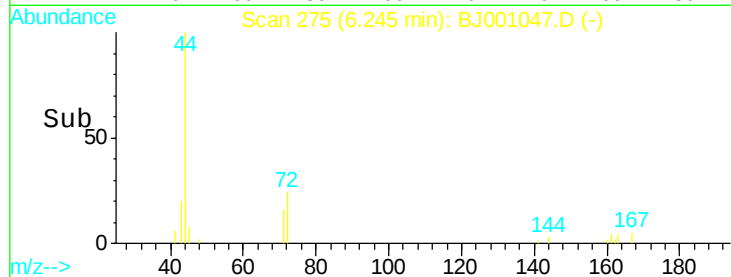
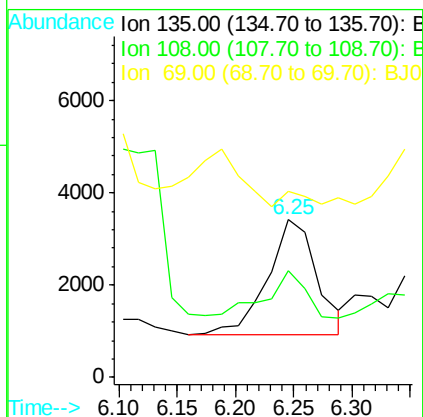
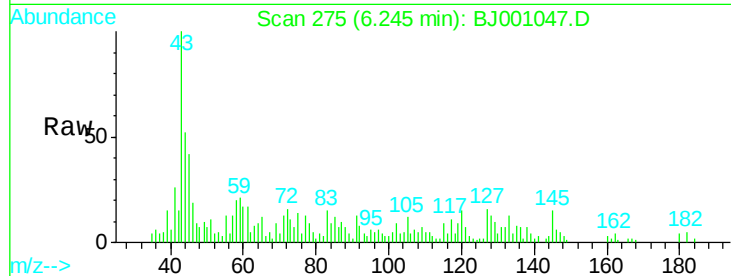
Delta R.T. -0.01 min

Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

Tgt Ion:135 Resp: 7340

Ion	Ratio	Lower	Upper
135	100		
108	67.5	9.9	49.9#
69	118.3	0.0	35.1#



#11

p-Chlorophenylmethylsulfide

Concen: 0.03 ug/mL

RT: 6.47 min Scan# 291

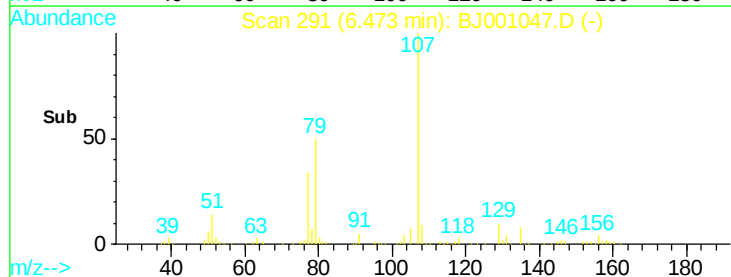
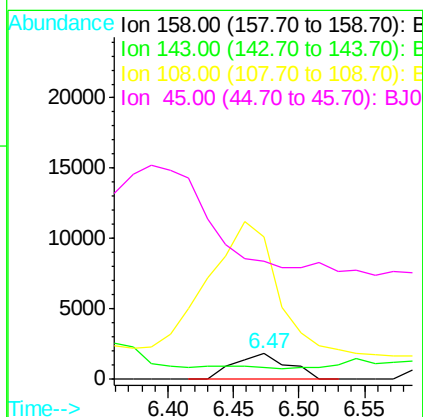
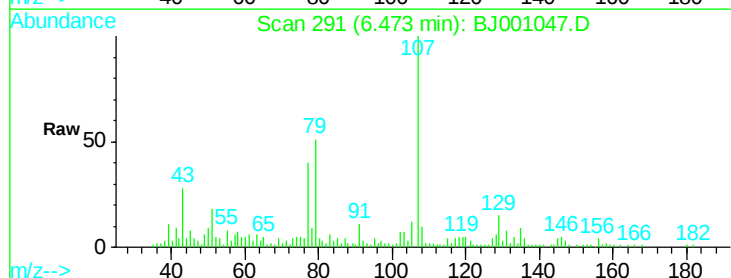
Delta R.T. -0.02 min

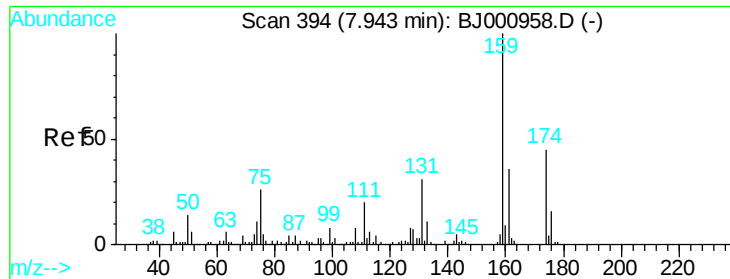
Lab File: BJ001047.D

Acq: 20 Jul 2012 16:20

Tgt Ion:158 Resp: 5098

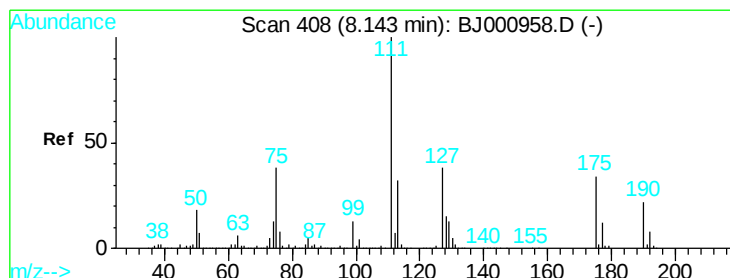
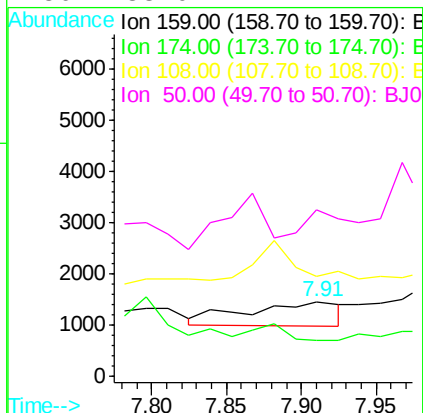
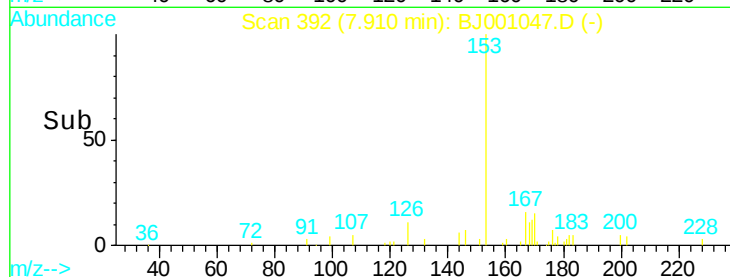
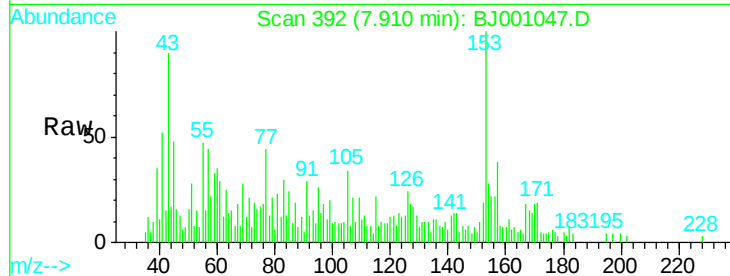
Ion	Ratio	Lower	Upper
158	100		
143	45.1	36.2	76.2
108	569.1	25.5	65.5#
45	470.9	0.7	40.7#





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 7.91 min Scan# 392
Delta R.T. -0.02 min
Lab File: BJ001047.D
Acq: 20 Jul 2012 16:20

Tgt Ion:	159	Resp:	2027
Ion Ratio	Lower	Upper	
159	100		
174	0.0	27.6	67.6#
108	0.0	0.0	31.8
50	83.0	2.7	42.7#



#14
p-Chlorophenylmethylsulfone
Concen: 0.04 ug/mL
RT: 8.10 min Scan# 405
Delta R.T. -0.03 min
Lab File: BJ001047.D
Acq: 20 Jul 2012 16:20

Tgt Ion:	111	Resp:	6458
Ion Ratio	Lower	Upper	
111	100		
75	78.3	22.6	62.6#
127	68.9	17.2	57.2#
190	0.0	2.0	42.0#

