

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000778.D
 Acq On : 26 Apr 2012 13:16
 Sample : CWA-6
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 26 16:07 2012

Vial: 2
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Apr 26 16:03:58 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.70	152	160149	2.00	ug/mL	-0.05
6) Naphthalene-d8	5.96	136	252780	2.00	ug/mL	-0.10

System Monitoring Compounds

10) Tripropylphosphate	6.88	99	1607763	17.95	ug/mL	-0.22
Spiked Amount	0.500	Range	70 - 130	Recovery	=	3590.00%#
12) 2-Bromothioanisole	7.25	204	896306	51.07	ug/mL	-0.11
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1021.40%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.66	94	465854	7.65	ug/mL#	67
3) DMMP	3.62	79	955304	23.97	ug/mL	95
4) DIMP	4.95	97	502424	4.20	ug/mL	94
5) 1,4-Oxathiane	3.76	46	2382427	42.68	ug/mL#	69
7) 1,4-Dithiane	5.04	46	694885	40.30	ug/mL	100
8) Thiodiglycol	5.87	61	1692464	121.37	ug/mL	98
9) Benzothiazole	6.25	135	3260174	47.09	ug/mL	94
11) p-Chlorophenylmethyldisulfide	6.51	158	2770400	58.95	ug/mL	97
13) p-Chlorophenylmethyldisulfox	7.90	159	804944	32.87	ug/mL	97
14) p-Chlorophenylmethyldisulfon	8.10	111	1131098	30.89	ug/mL	86

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Quant Time: Apr 26 16:07 2012

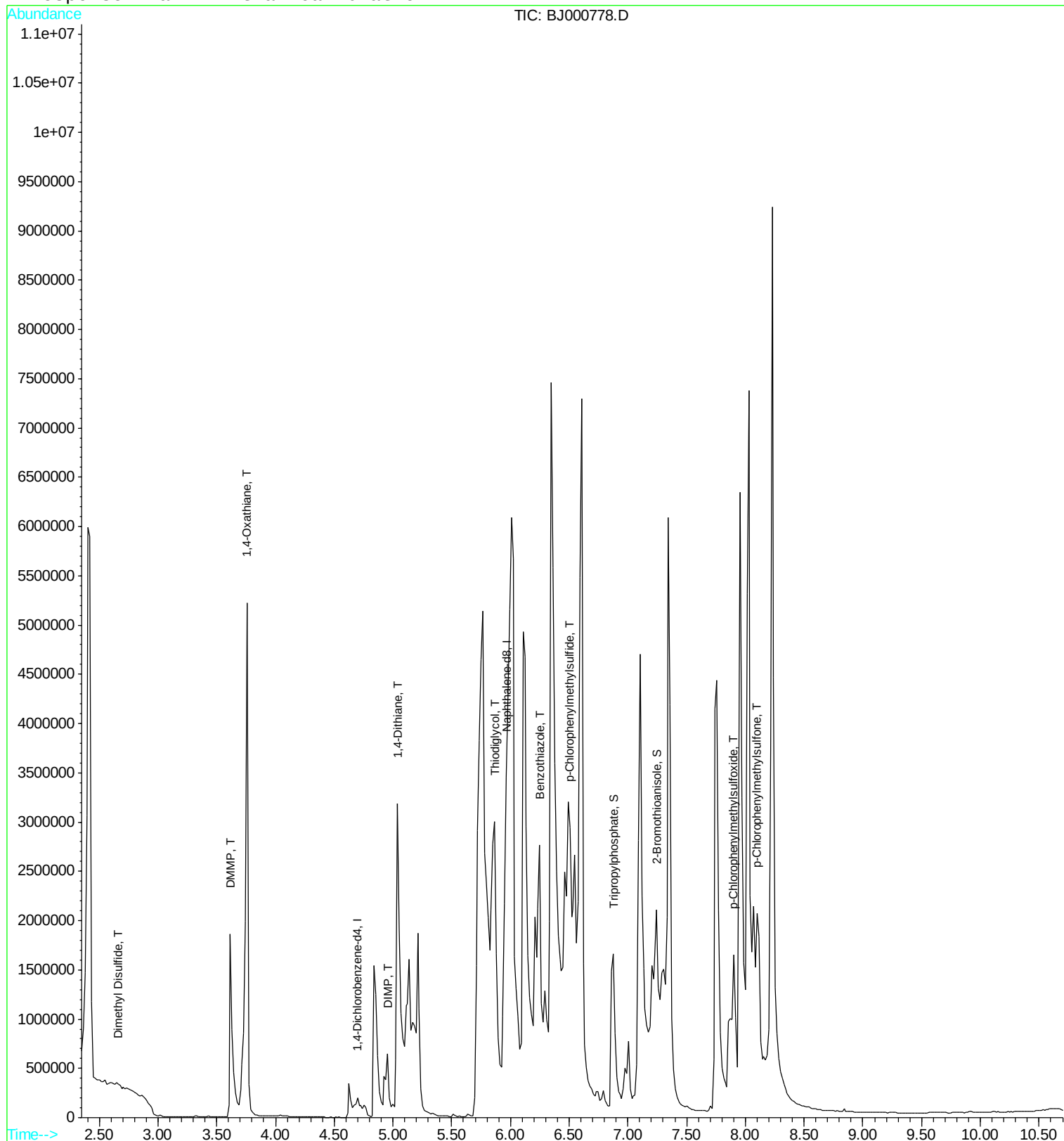
Quant Results File: BJ042612.RES

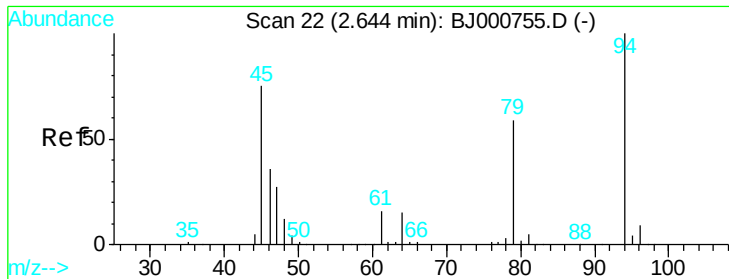
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Apr 26 16:03:58 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 7.65 ug/mL

RT: 2.66 min Scan# 23

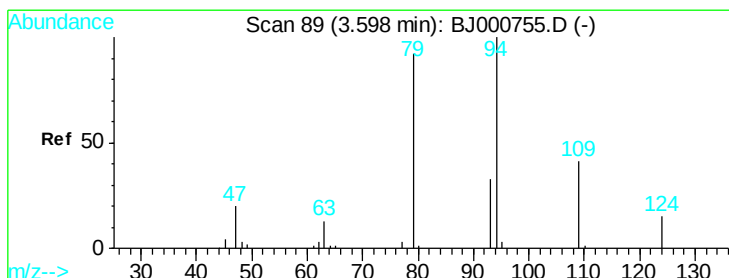
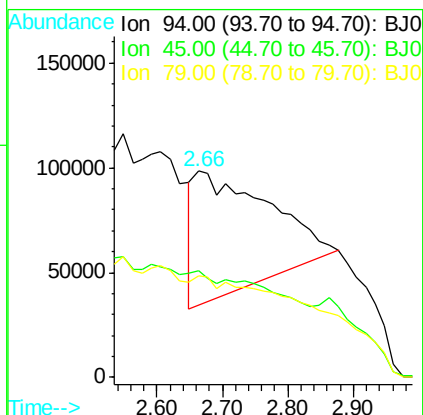
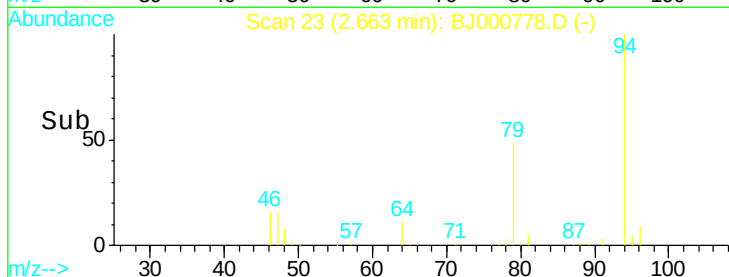
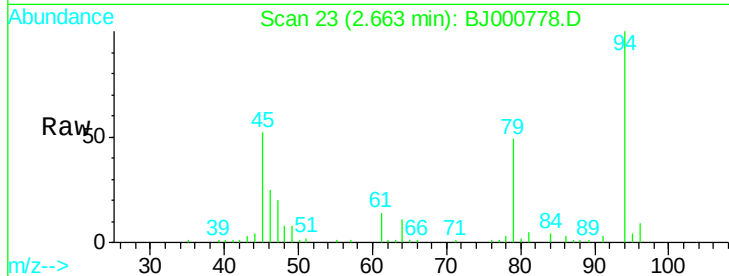
Delta R.T. -0.01 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

Tgt Ion: 94 Resp: 465854

Ion	Ratio	Lower	Upper
94	100		
45	51.9	72.8	112.8#
79	49.5	43.9	83.9



#3

DMMP

Concen: 23.97 ug/mL

RT: 3.62 min Scan# 90

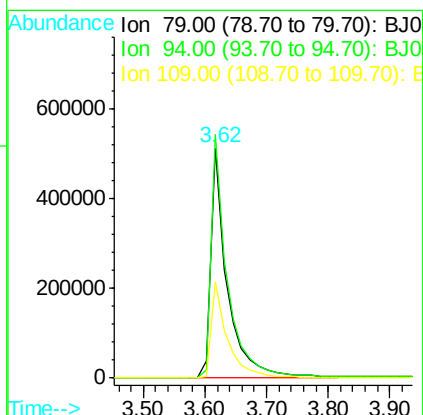
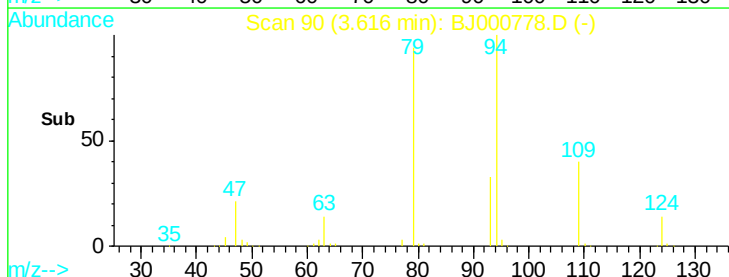
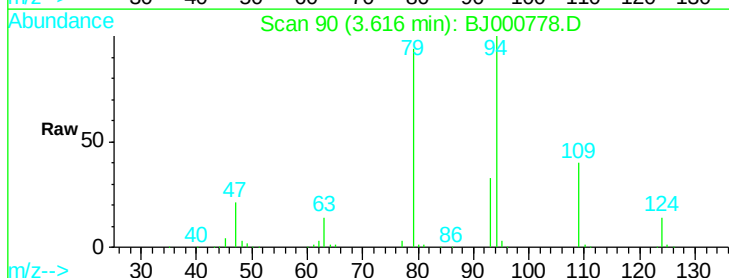
Delta R.T. 0.00 min

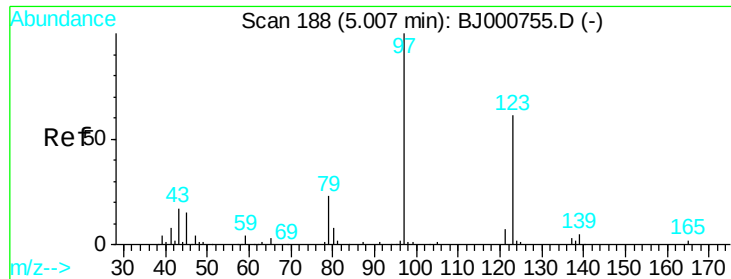
Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

Tgt Ion: 79 Resp: 955304

Ion	Ratio	Lower	Upper
79	100		
94	106.0	81.5	121.5
109	42.1	18.2	58.2





#4

DIMP

Concen: 4.20 ug/mL

RT: 4.95 min Scan# 184

Delta R.T. -0.07 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

Tgt Ion: 97 Resp: 502424

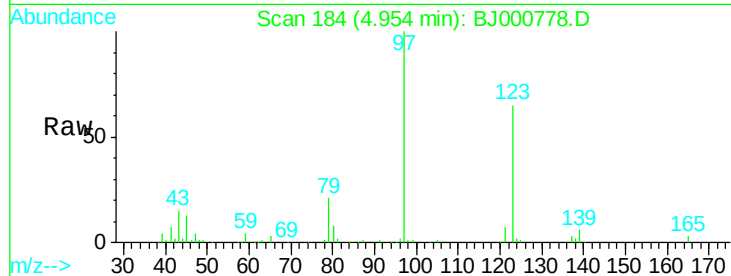
Ion Ratio Lower Upper

97 100

123 64.9 40.6 80.6

43 15.0 0.0 37.6

41 7.0 0.0 28.4



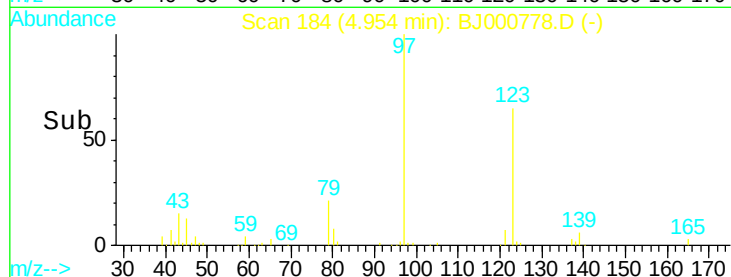
Abundance Ion 97.00 (96.70 to 97.70): BJ0

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

Time-->



Abundance

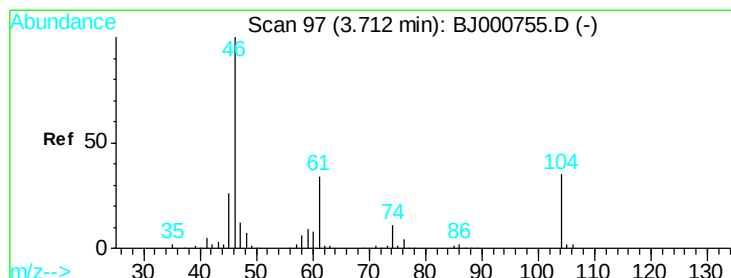
Ion 97.00 (96.70 to 97.70): BJ0

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

Time-->



#5

1,4-Oxathiane

Concen: 42.68 ug/mL

RT: 3.76 min Scan# 100

Delta R.T. 0.03 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

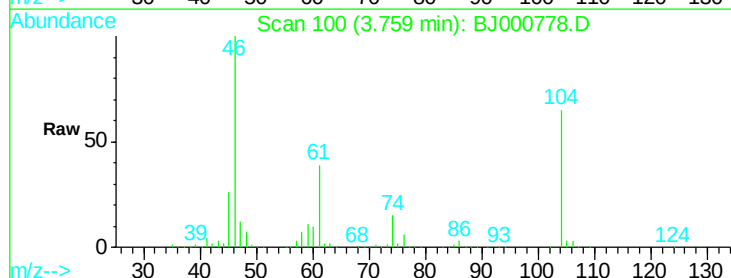
Tgt Ion: 46 Resp: 2382427

Ion Ratio Lower Upper

46 100

61 38.6 14.6 54.6

104 65.3 13.7 53.7#

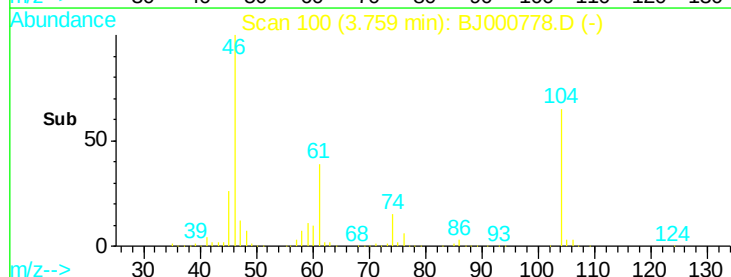


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0

Time-->



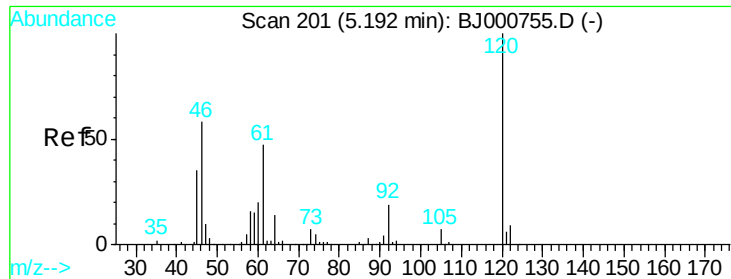
Abundance

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

Time-->



#7

1,4-Dithiane

Concen: 40.30 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. -0.17 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

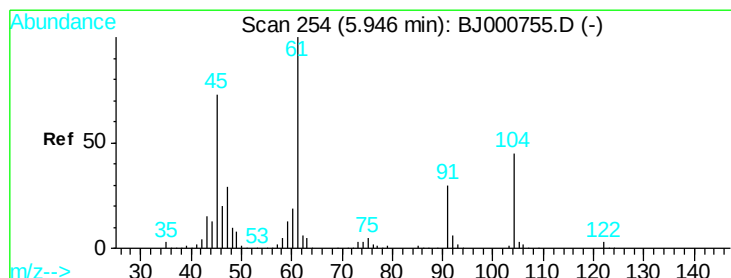
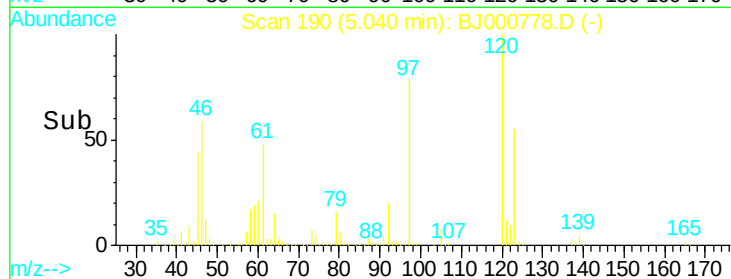
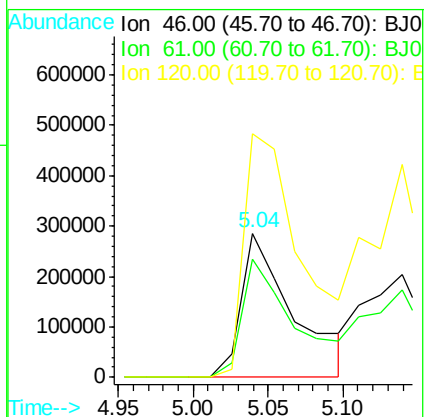
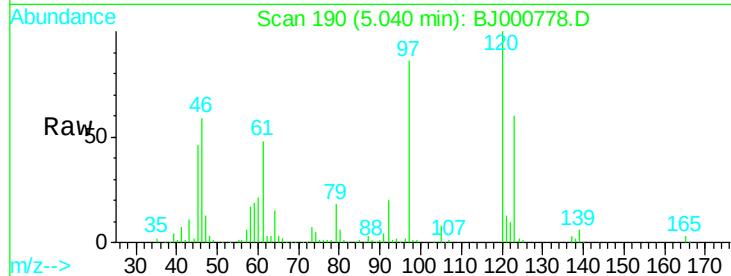
Tgt Ion: 46 Resp: 694885

Ion Ratio Lower Upper

46 100

61 81.8 62.3 102.3

120 168.9 149.0 189.0



#8

Thiodiglycol

Concen: 121.37 ug/mL

RT: 5.87 min Scan# 248

Delta R.T. -0.08 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

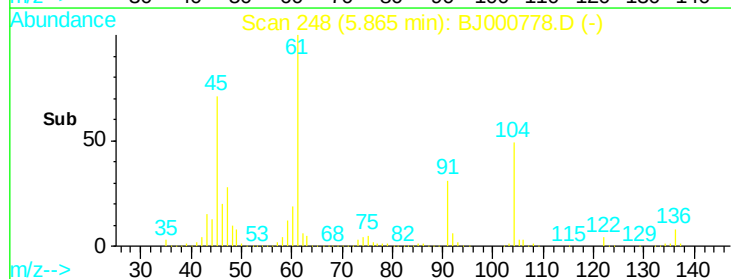
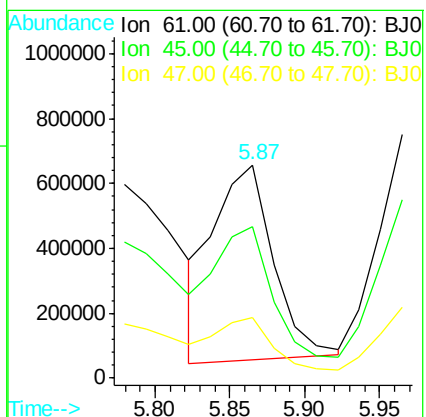
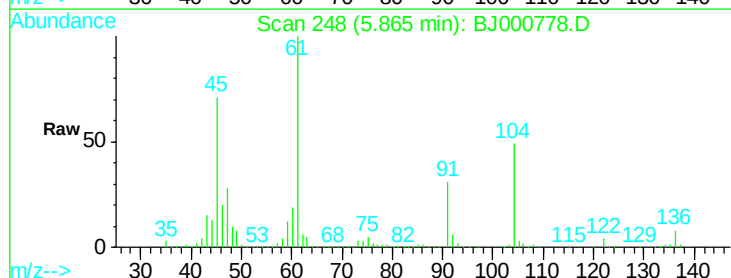
Tgt Ion: 61 Resp: 1692464

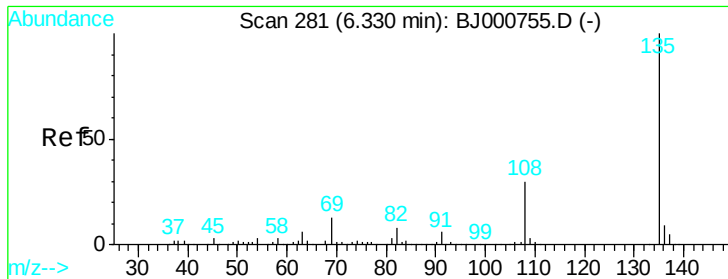
Ion Ratio Lower Upper

61 100

45 70.9 49.4 89.4

47 28.3 7.9 47.9





#9

Benzothiazole

Concen: 47.09 ug/mL

RT: 6.25 min Scan# 275

Delta R.T. -0.10 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

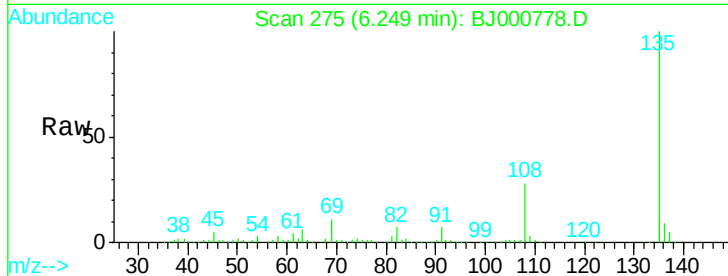
Tgt Ion:135 Resp: 3260174

Ion Ratio Lower Upper

135 100

108 27.9 11.0 51.0

69 11.4 0.0 34.2

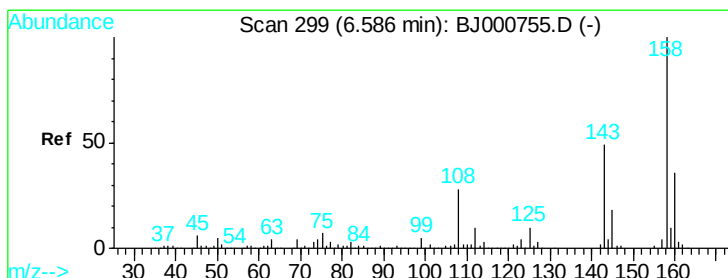
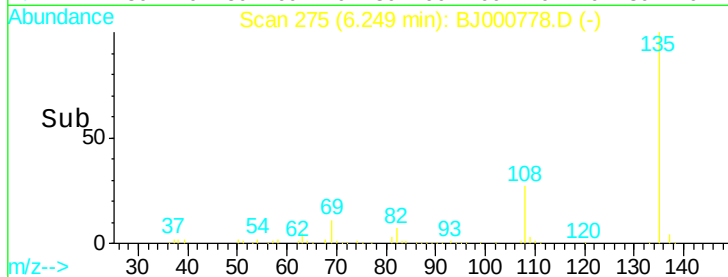
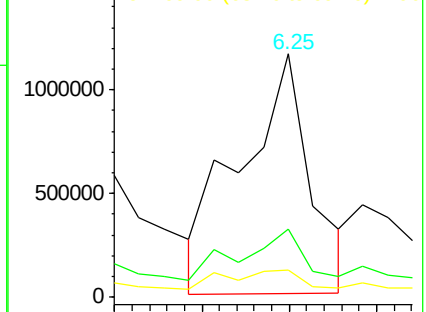


Abundance

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: 58.95 ug/mL

RT: 6.51 min Scan# 293

Delta R.T. -0.10 min

Lab File: BJ000778.D

Acq: 26 Apr 2012 13:16

Tgt Ion:158 Resp: 2770400

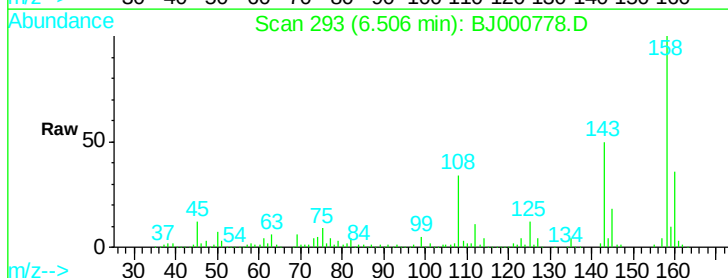
Ion Ratio Lower Upper

158 100

143 49.8 31.4 71.4

108 33.6 15.5 55.5

45 11.7 0.0 32.2



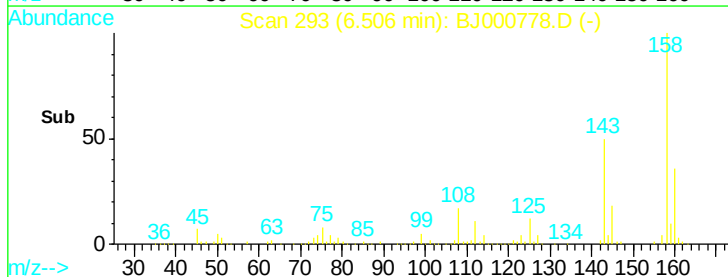
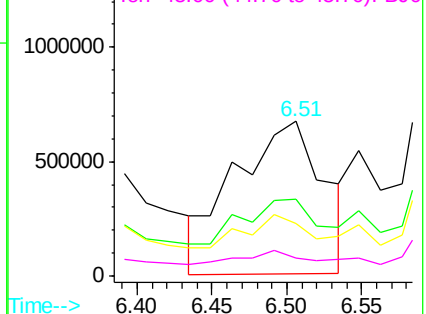
Abundance

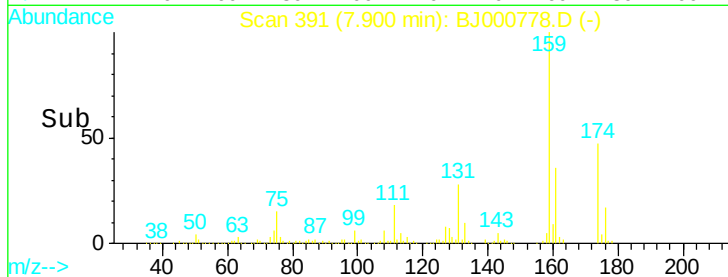
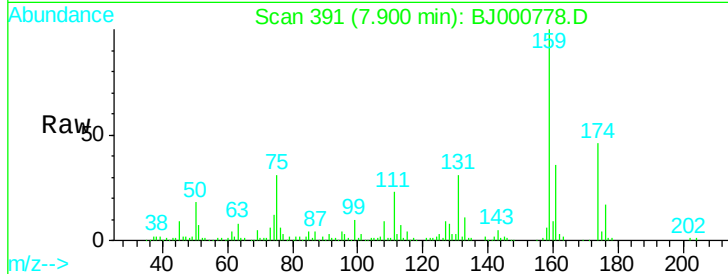
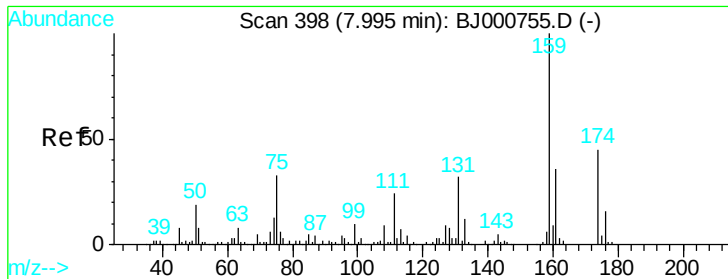
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

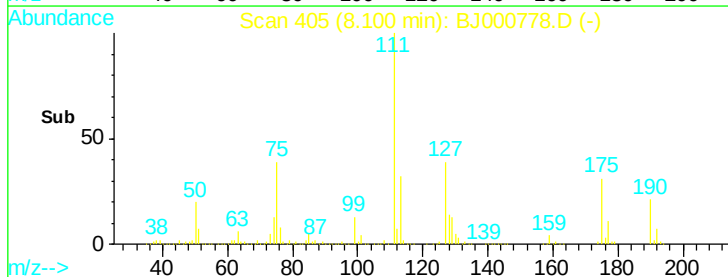
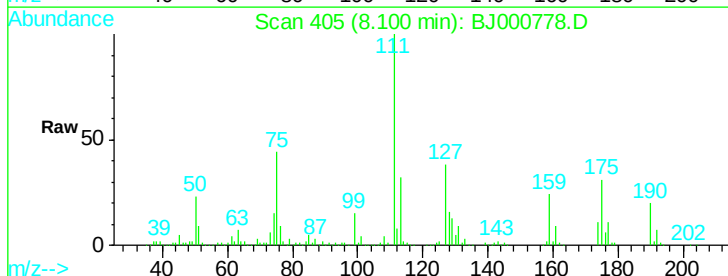
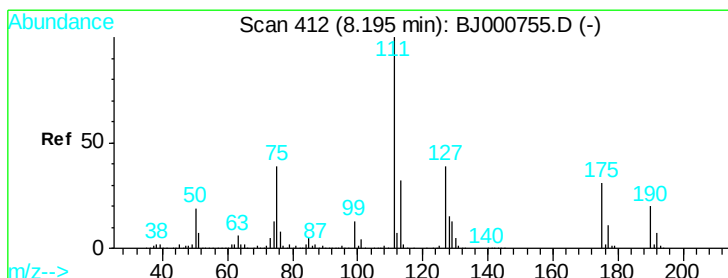
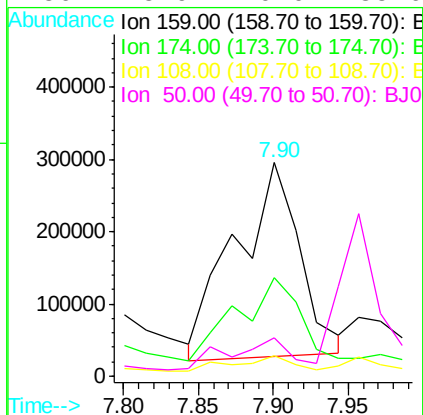
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 32.87 ug/mL
RT: 7.90 min Scan# 391
Delta R.T. -0.12 min
Lab File: BJ000778.D
Acq: 26 Apr 2012 13:16

Tgt Ion:	159	Resp:	804944
Ion Ratio	Lower	Upper	
159	100		
174	49.1	31.3	71.3
108	7.9	0.0	31.3
50	15.9	0.0	35.6



#14
p-Chlorophenylmethylsulfone
Concen: 30.89 ug/mL
RT: 8.10 min Scan# 405
Delta R.T. -0.12 min
Lab File: BJ000778.D
Acq: 26 Apr 2012 13:16

Tgt Ion:	111	Resp:	1131098
Ion Ratio	Lower	Upper	
111	100		
75	44.1	14.1	54.1
127	37.9	21.7	61.7
190	19.9	11.8	51.8

