

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000765.D
 Acq On : 17 Apr 2012 18:05
 Sample : D2211-02
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 18 14:20 2012

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

Quant Results File: BJ041712.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Apr 17 17:06:28 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.75	152	247292	2.00	ug/mL	0.01
6) Naphthalene-d8	6.05	136	1016879	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	200091	0.56	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	7.34	204	264410	3.75	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.66	94	13934	0.15	ug/mL#	69
3) DMMP	3.58	79	10734	0.17	ug/mL#	7
4) DIMP	5.05	97	10392	0.09	ug/mL#	1
5) 1,4-Oxathiane	3.74	46	7145256	82.90	ug/mL	81
7) 1,4-Dithiane	5.25	46	15270178	220.15	ug/mL#	87
8) Thiodiglycol	6.06	61	59309	2.34	ug/mL	91
9) Benzothiazole	6.33	135	9878	0.04	ug/mL#	12
11) p-Chlorophenylmethyldisulfide	6.54	158	11733	0.06	ug/mL#	1
13) p-Chlorophenylmethyldisulfox	8.00	159	2083	0.02	ug/mL#	30
14) p-Chlorophenylmethyldisulfon	8.32	111	40283	0.27	ug/mL	84

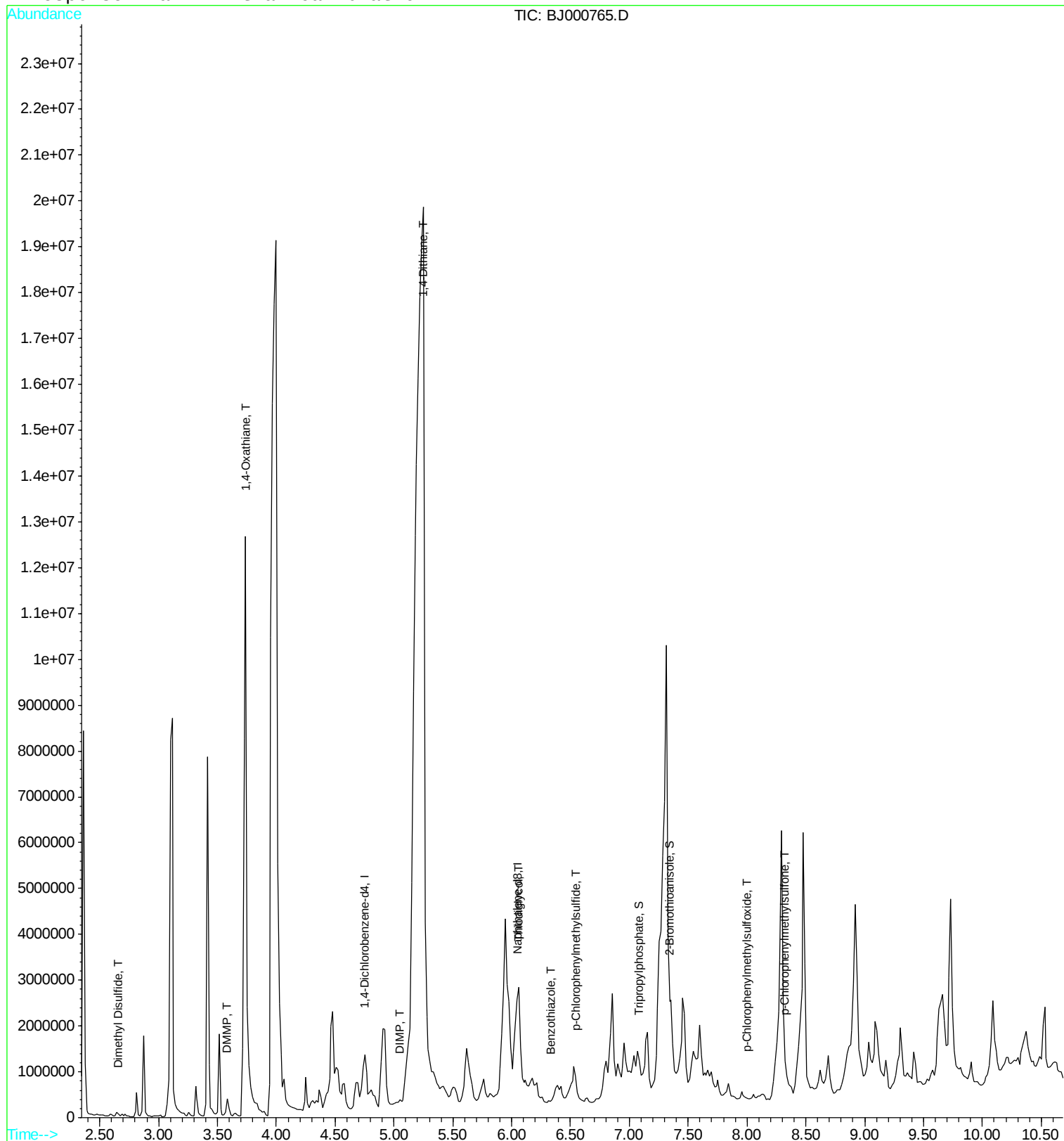
Quantitation Report

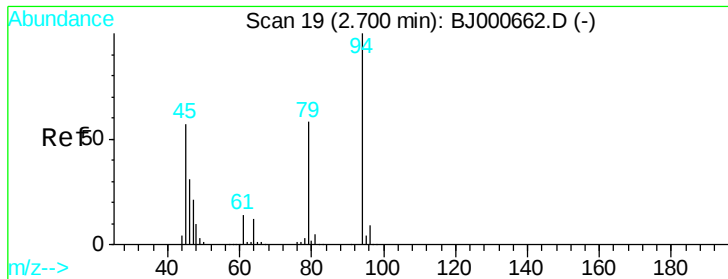
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#2

Dimethyl Disulfide

Concen: 0.15 ug/mL

RT: 2.66 min Scan# 23

Delta R.T. 0.01 min

Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

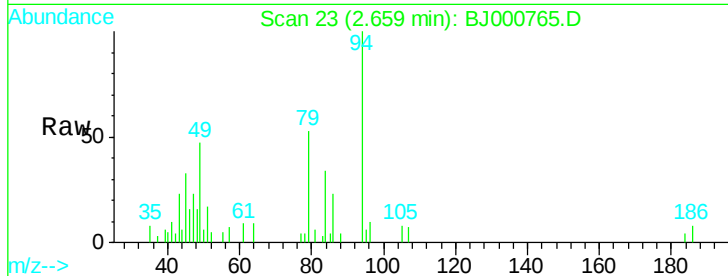
Tgt Ion: 94 Resp: 13934

Ion Ratio Lower Upper

94 100

45 33.1 54.7 94.7#

79 53.2 38.8 78.8

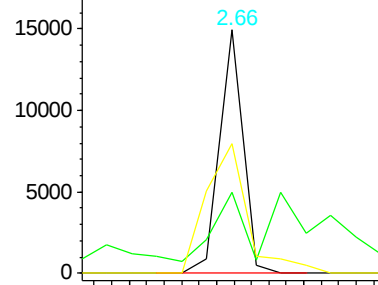


Abundance

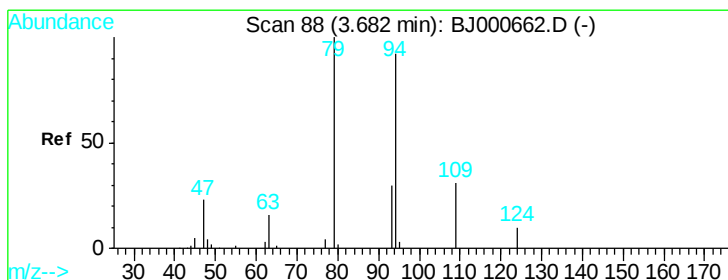
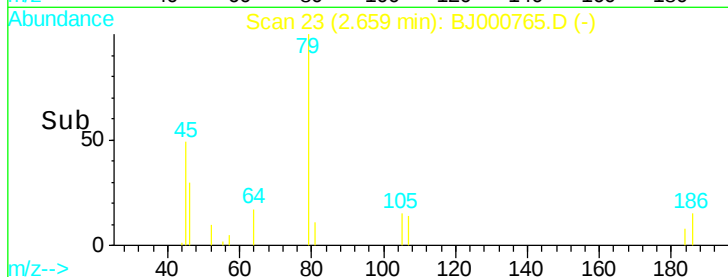
Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



Time-->



#3

DMMP

Concen: 0.17 ug/mL

RT: 3.58 min Scan# 88

Delta R.T. -0.01 min

Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

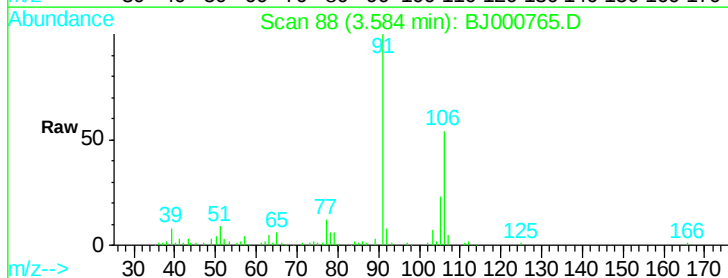
Tgt Ion: 79 Resp: 10734

Ion Ratio Lower Upper

79 100

94 0.0 88.2 128.2#

109 0.0 24.6 64.6#

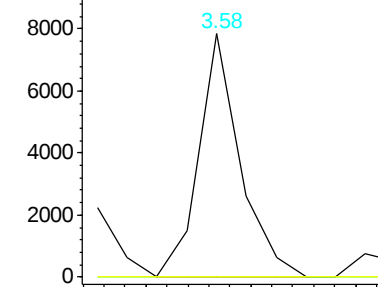


Abundance

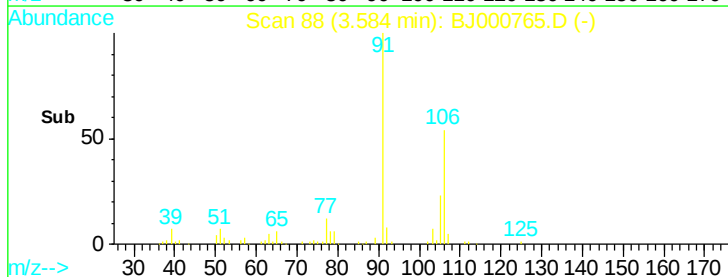
Ion 79.00 (78.70 to 79.70): BJ0

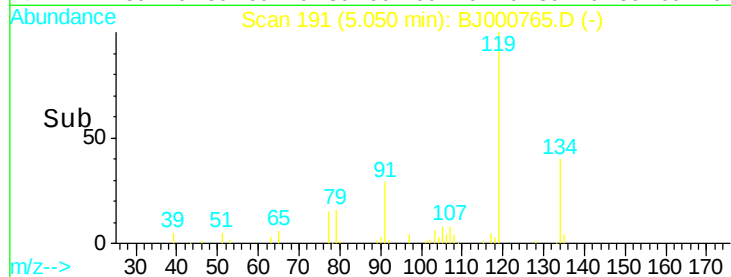
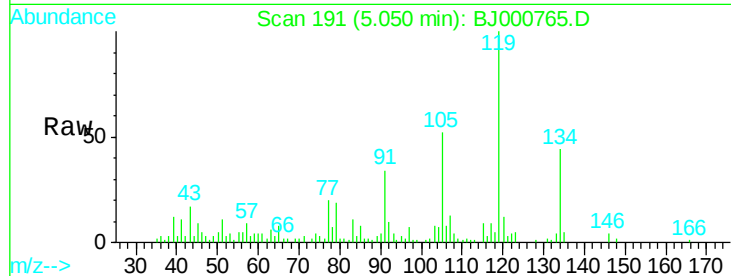
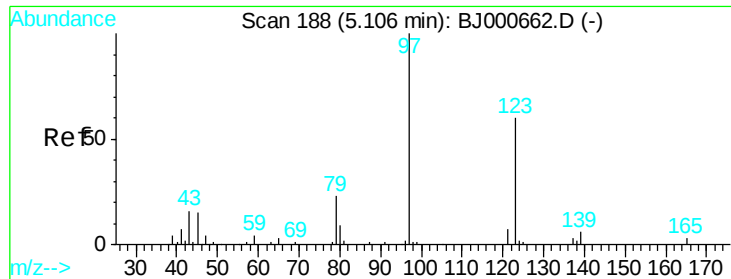
Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



Time-->





#4

DIMP

Concen: 0.09 ug/mL

RT: 5.05 min Scan# 191

Delta R.T. 0.04 min

Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

Tgt Ion: 97 Resp: 10392

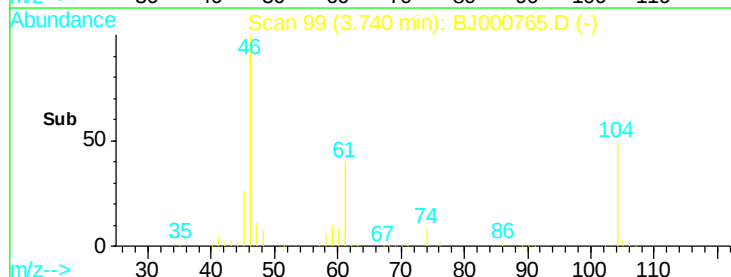
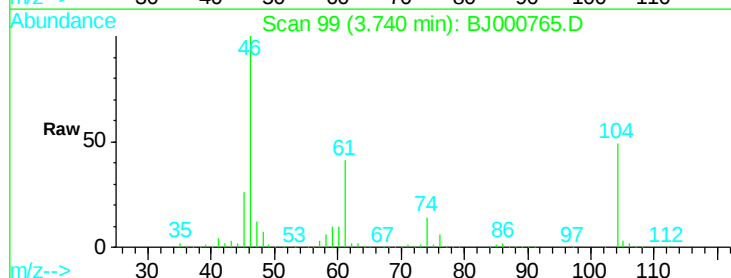
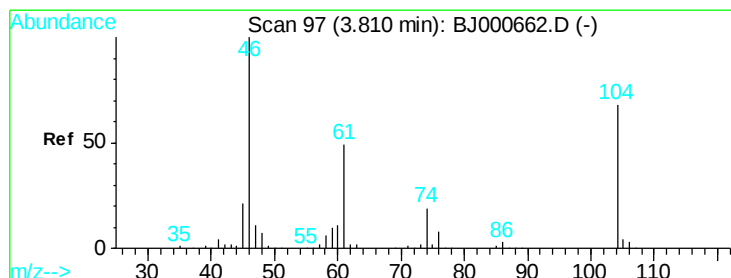
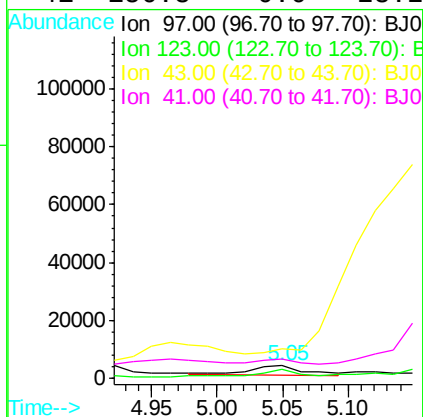
Ion Ratio Lower Upper

97 100

123 70.0 41.1 81.1

43 231.6 0.0 36.9#

41 156.8 0.0 28.2#



#5

1,4-Oxathiane

Concen: 82.90 ug/mL

RT: 3.74 min Scan# 99

Delta R.T. 0.03 min

Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

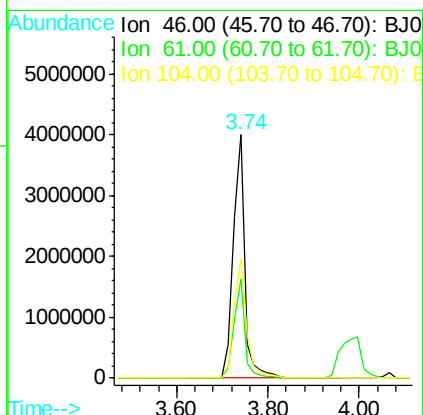
Tgt Ion: 46 Resp: 7145256

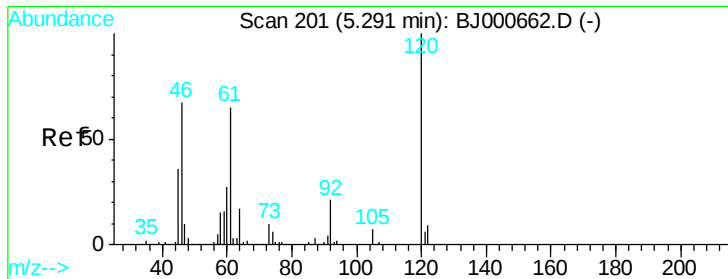
Ion Ratio Lower Upper

46 100

61 40.7 13.9 53.9

104 49.2 14.6 54.6





#7

1,4-Dithiane

Concen: 220.15 ug/mL

RT: 5.25 min Scan# 205

Delta R.T. 0.06 min

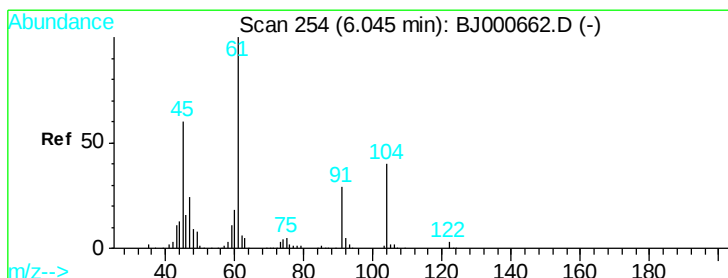
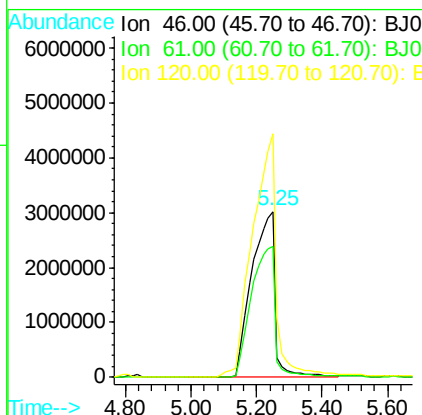
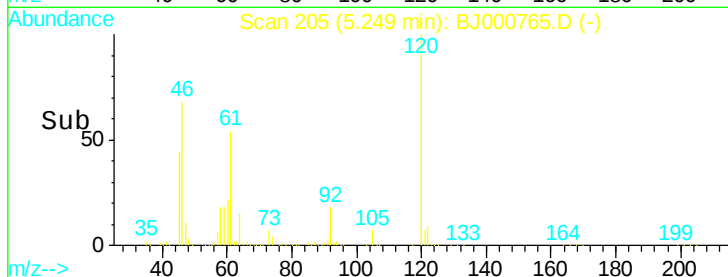
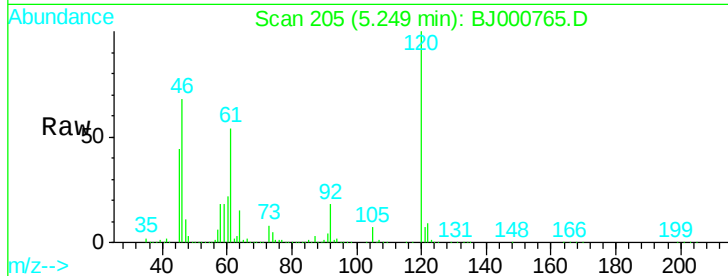
Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

Tgt Ion: 46 Resp:15270178

Ion Ratio Lower Upper

46	100		
61	79.3	61.1	101.1
120	147.0	152.3	192.3#



#8

Thiodiglycol

Concen: 2.34 ug/mL

RT: 6.06 min Scan# 262

Delta R.T. 0.11 min

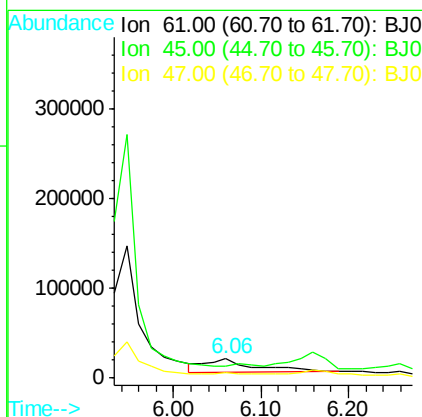
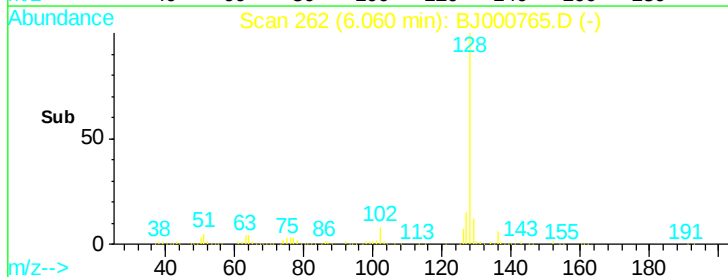
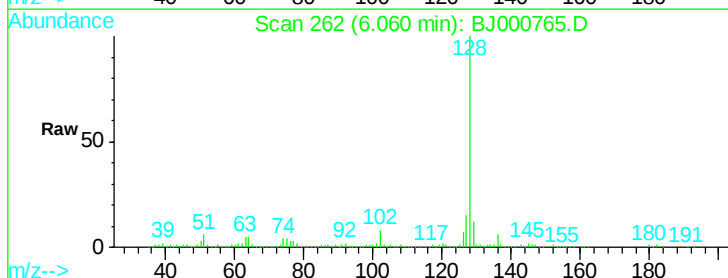
Lab File: BJ000765.D

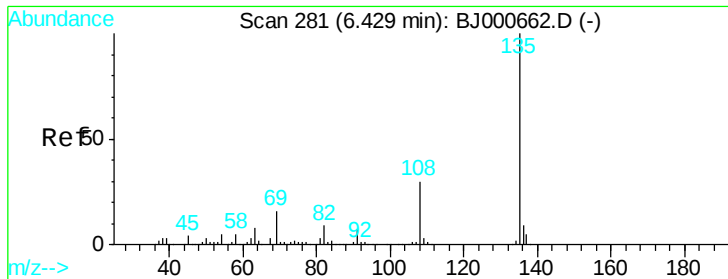
Acq: 17 Apr 2012 18:05

Tgt Ion: 61 Resp: 59309

Ion Ratio Lower Upper

61	100		
45	65.1	53.3	93.3
47	25.9	9.3	49.3





#9

Benzothiazole

Concen: 0.04 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. 0.00 min

Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

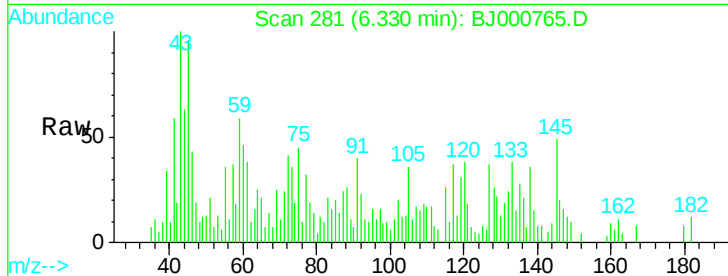
Tgt Ion:135 Resp: 9878

Ion Ratio Lower Upper

135 100

108 53.8 9.9 49.9#

69 88.5 0.0 32.5#

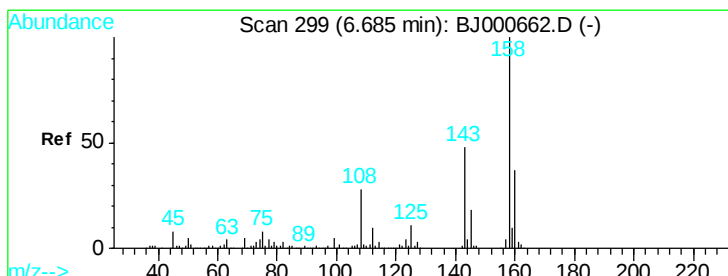
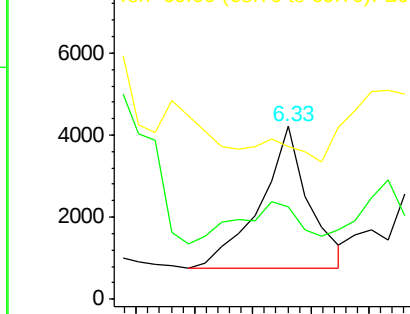
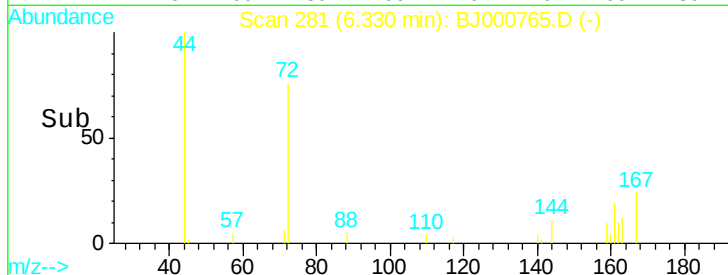


Abundance

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: 0.06 ug/mL

RT: 6.54 min Scan# 296

Delta R.T. -0.04 min

Lab File: BJ000765.D

Acq: 17 Apr 2012 18:05

Tgt Ion:158 Resp: 11733

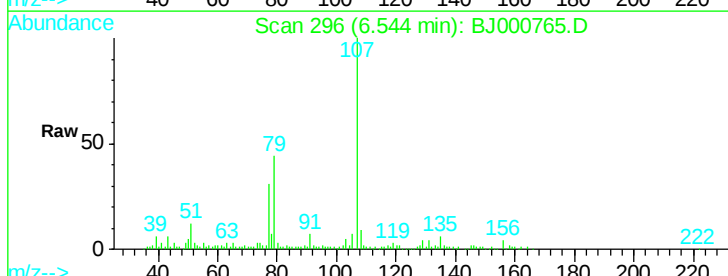
Ion Ratio Lower Upper

158 100

143 27.6 28.9 68.9#

108 583.2 8.9 48.9#

45 211.5 0.0 27.0#



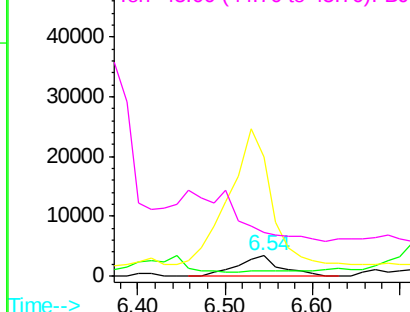
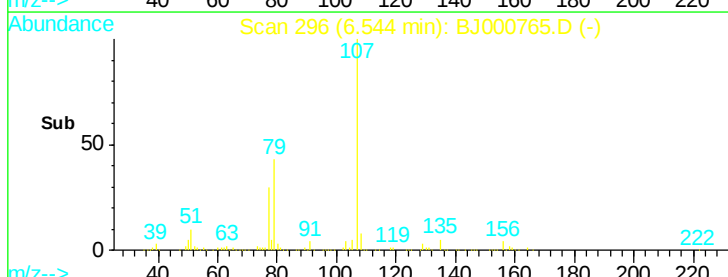
Abundance

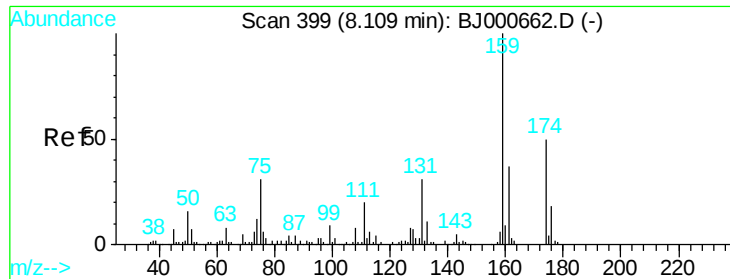
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

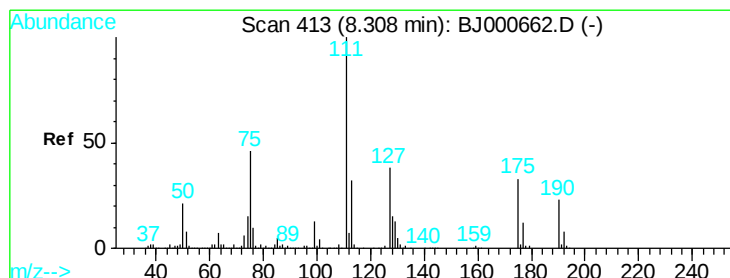
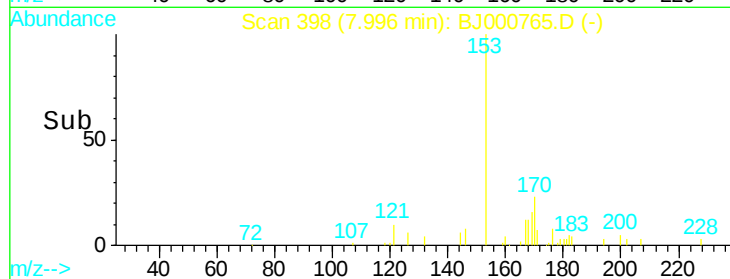
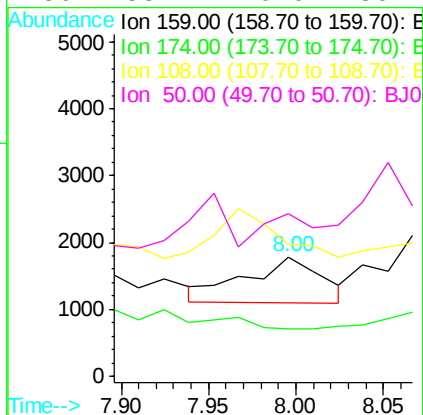
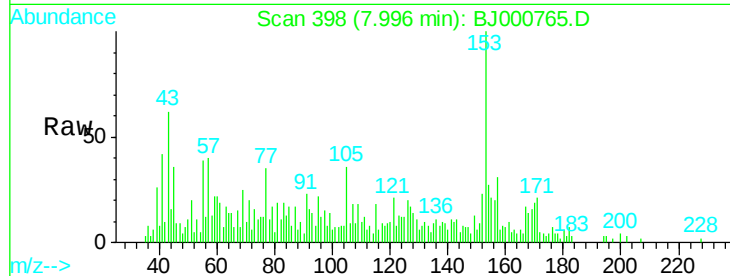
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.02 ug/mL
RT: 8.00 min Scan# 398
Delta R.T. 0.00 min
Lab File: BJ000765.D
Acq: 17 Apr 2012 18:05

Tgt Ion:159 Resp: 2083
Ion Ratio Lower Upper
159 100
174 0.0 27.3 67.3#
108 0.0 0.0 28.2
50 55.2 0.0 36.4#



#14
p-Chlorophenylmethylsulfone
Concen: 0.27 ug/mL
RT: 8.32 min Scan# 421
Delta R.T. 0.13 min
Lab File: BJ000765.D
Acq: 17 Apr 2012 18:05

Tgt Ion:111 Resp: 40283
Ion Ratio Lower Upper
111 100
75 38.3 20.1 60.1
127 28.1 18.5 58.5
190 0.0 0.0 39.5

