

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000784.D
 Acq On : 26 Apr 2012 15:24
 Sample : CWA-ICV
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 26 16:32 2012

Vial: 8
 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 16:13:22 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	301982	2.00	ug/mL	0.00
6) Naphthalene-d8	6.06	136	1242596	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.06	99	4245	0.01	ug/mL	-0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	2.00%#
12) 2-Bromothioanisole	0.00	204	0	0.00	ug/mL	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.79	94	156993	1.41	ug/mL#	85
3) DMMP	3.61	79	51669	0.61	ug/mL	94
4) DIMP	5.02	97	131727	0.50	ug/mL	88
5) 1,4-Oxathiane	3.77	46	122688	1.15	ug/mL#	24
7) 1,4-Dithiane	5.21	46	112362	1.37	ug/mL	95
8) Thiodiglycol	5.95	61	670848	9.50	ug/mL	99
9) Benzothiazole	6.34	135	1055200	3.41	ug/mL	99
11) p-Chlorophenylmethyldisulfide	6.60	158	586940	2.74	ug/mL	97
13) p-Chlorophenylmethyldisulfox	8.02	159	209310	1.75	ug/mL	95
14) p-Chlorophenylmethyldisulfon	8.22	111	442583	2.52	ug/mL	99

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Misc : STD BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 26 16:32 2012

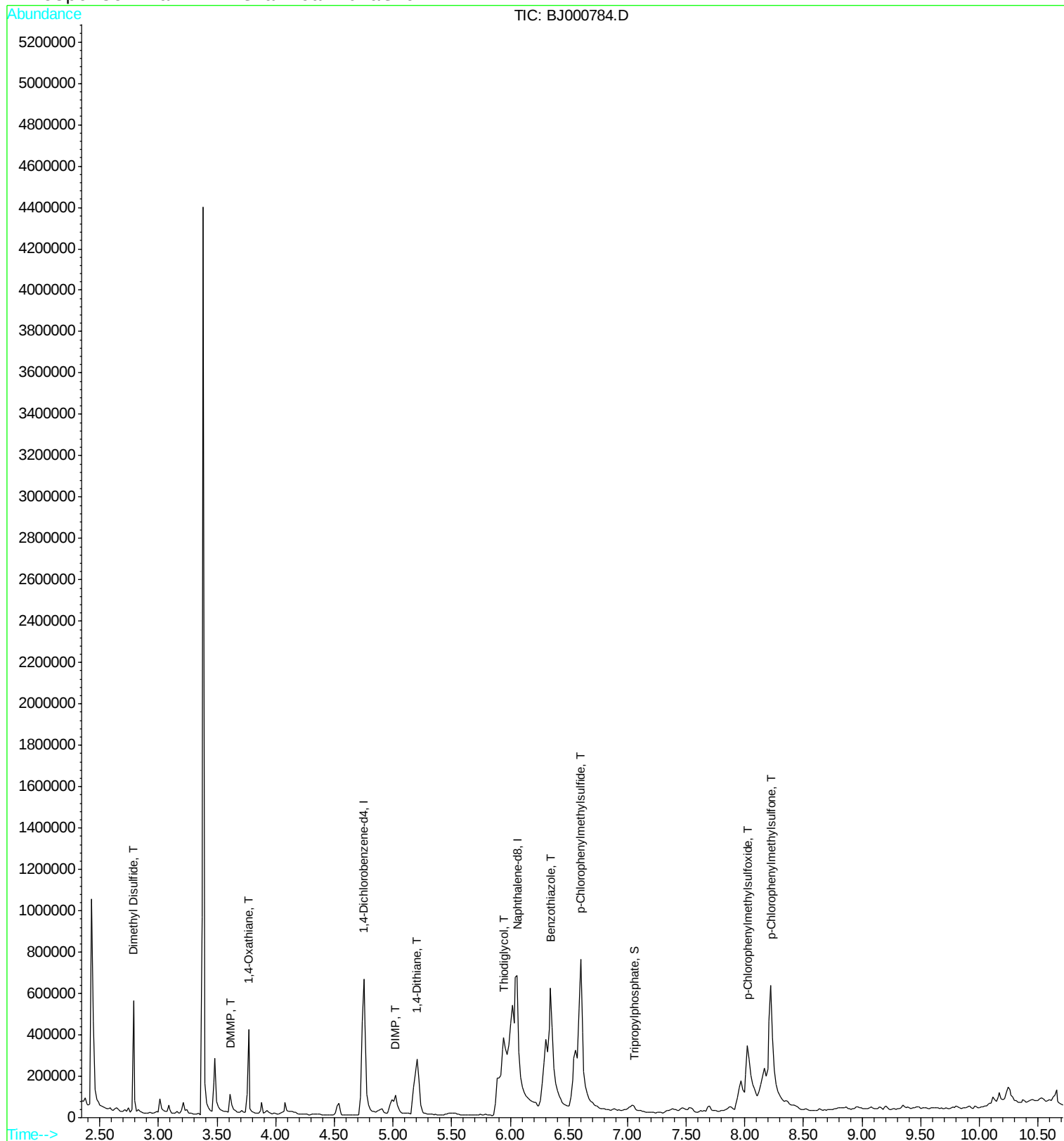
Quant Results File: BJ042612.RES

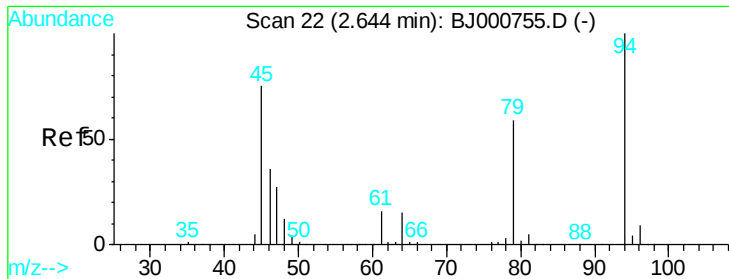
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Apr 26 16:12:28 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.41 ug/mL

RT: 2.79 min Scan# 32

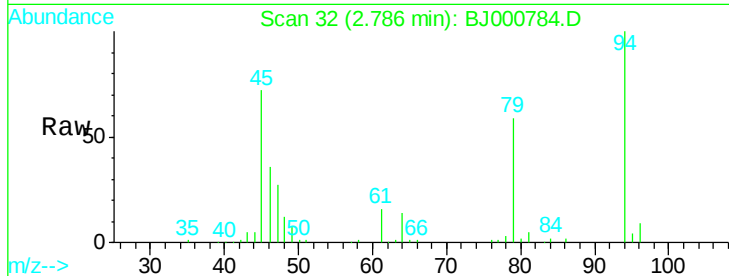
Delta R.T. 0.12 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Tgt Ion: 94 Resp: 156993

Ion	Ratio	Lower	Upper
94	100		
45	72.2	72.8	112.8#
79	59.1	43.9	83.9

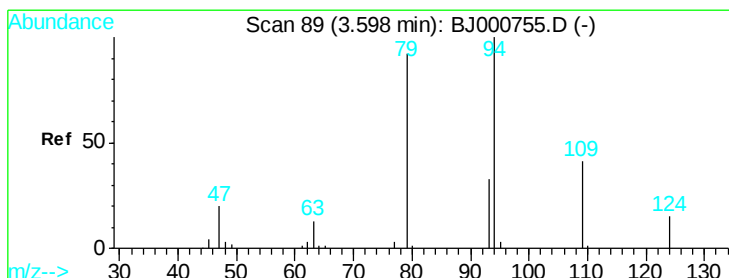
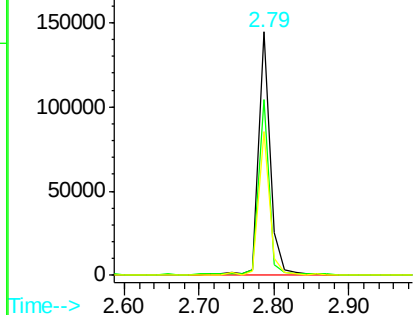
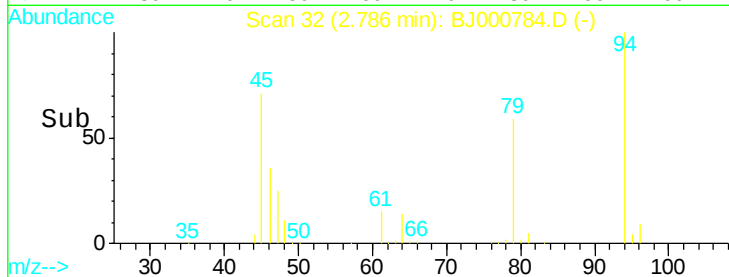


Abundance

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



#3

DMMP

Concen: 0.61 ug/mL

RT: 3.61 min Scan# 90

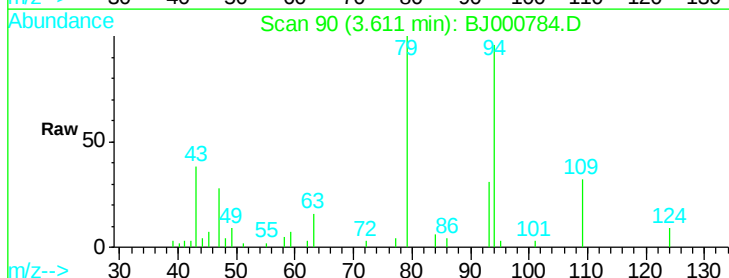
Delta R.T. 0.01 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Tgt Ion: 79 Resp: 51669

Ion	Ratio	Lower	Upper
79	100		
94	96.1	81.5	121.5
109	32.5	18.2	58.2

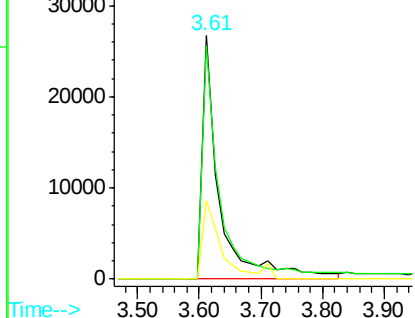
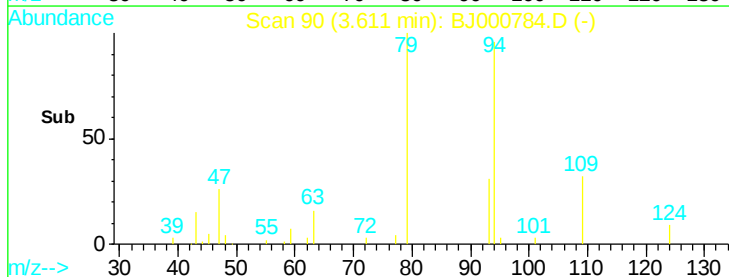


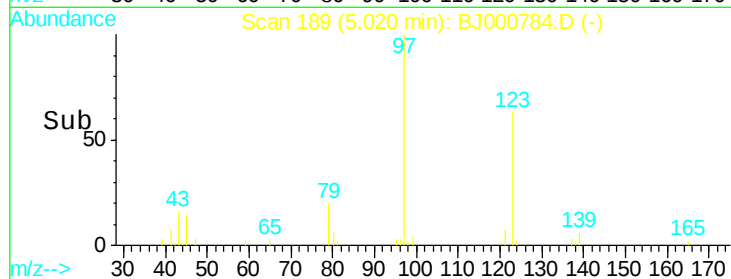
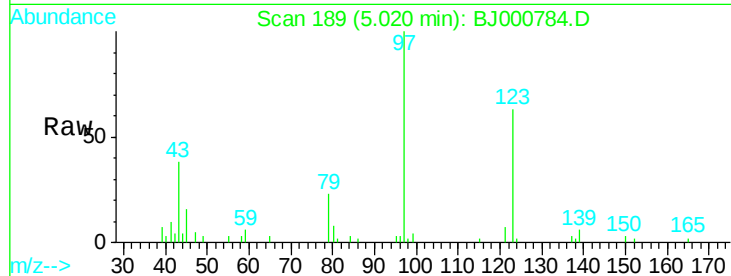
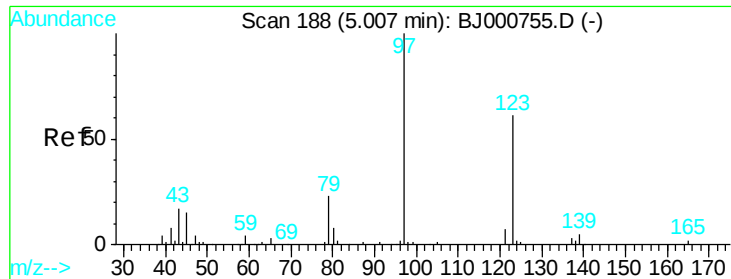
Abundance

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





#4

DIMP

Concen: 0.50 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. -0.01 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Tgt Ion: 97 Resp: 131727

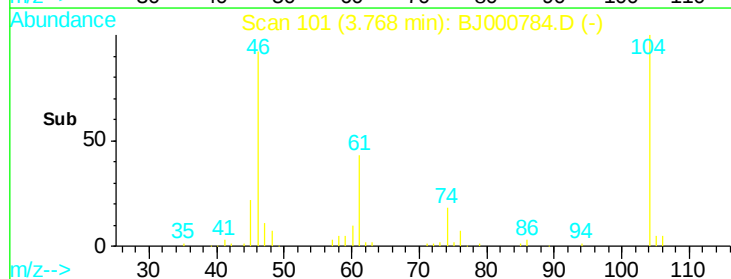
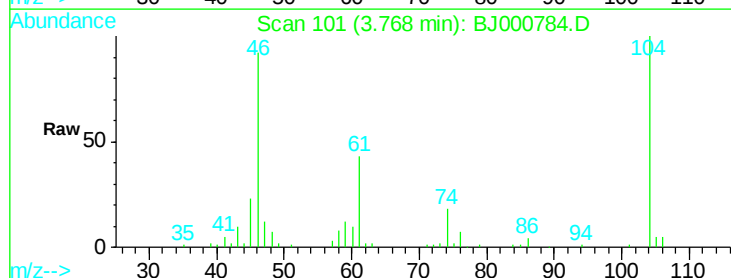
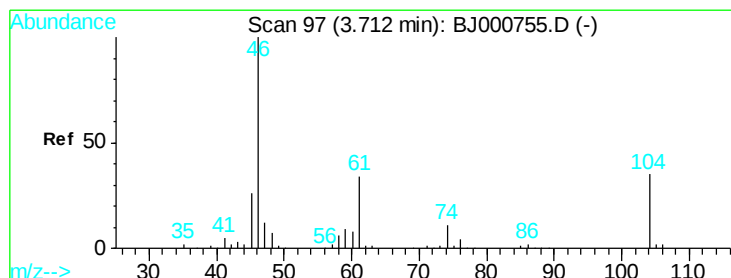
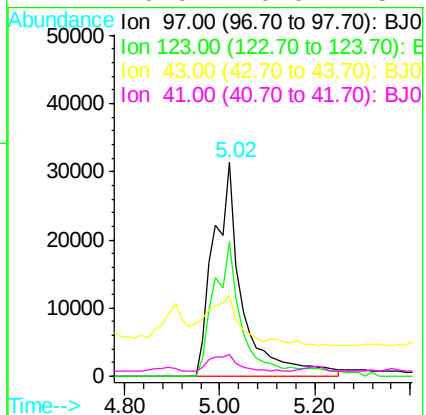
Ion Ratio Lower Upper

97 100

123 62.9 40.6 80.6

43 37.6 0.0 37.6

41 10.0 0.0 28.4



#5

1,4-Oxathiane

Concen: 1.15 ug/mL

RT: 3.77 min Scan# 101

Delta R.T. 0.04 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

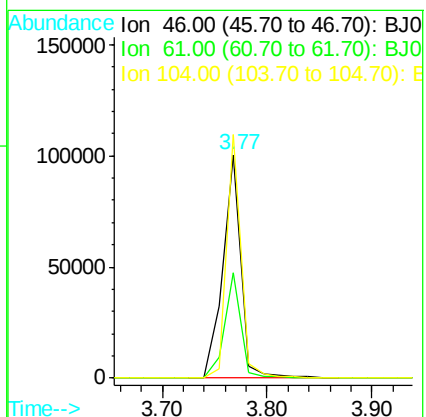
Tgt Ion: 46 Resp: 122688

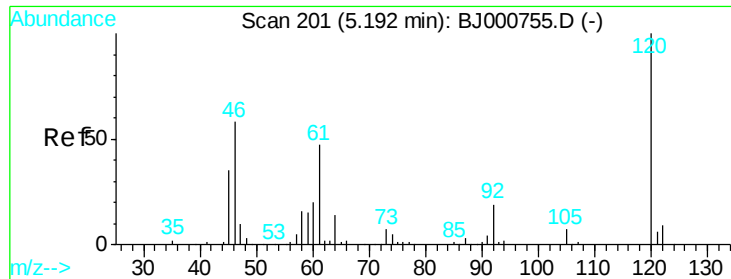
Ion Ratio Lower Upper

46 100

61 47.3 14.6 54.6

104 109.0 13.7 53.7#





#7

1,4-Dithiane

Concen: 1.37 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. -0.01 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

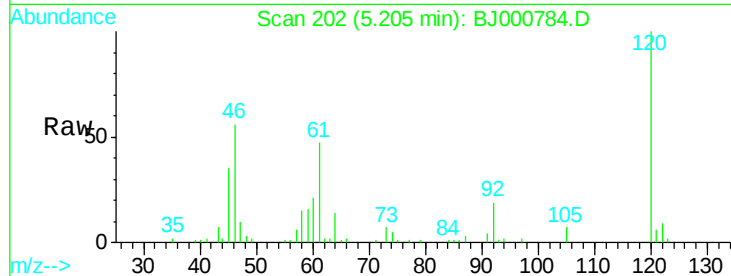
Tgt Ion: 46 Resp: 112362

Ion Ratio Lower Upper

46 100

61 84.0 62.3 102.3

120 178.4 149.0 189.0

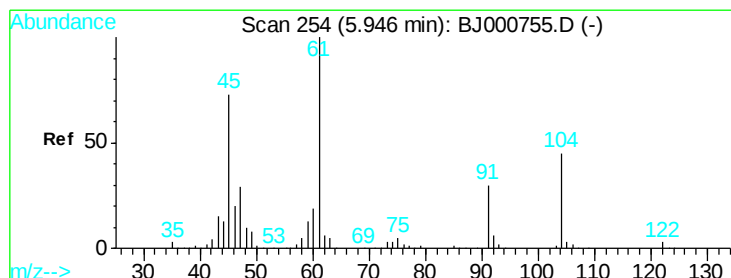
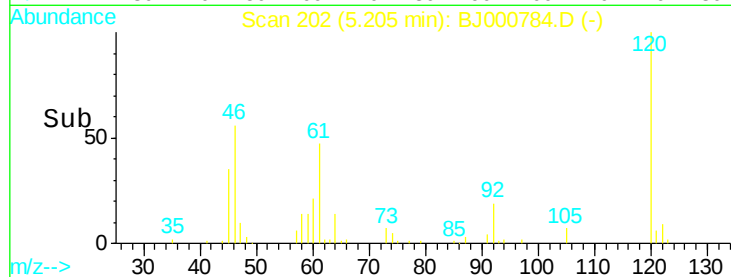
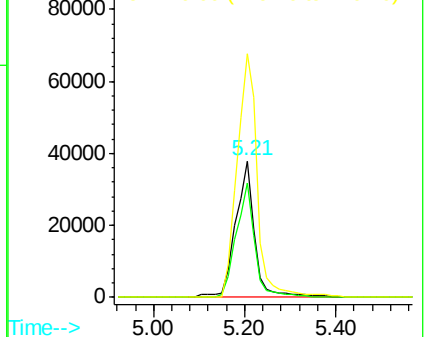


Abundance

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: 9.50 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.02 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

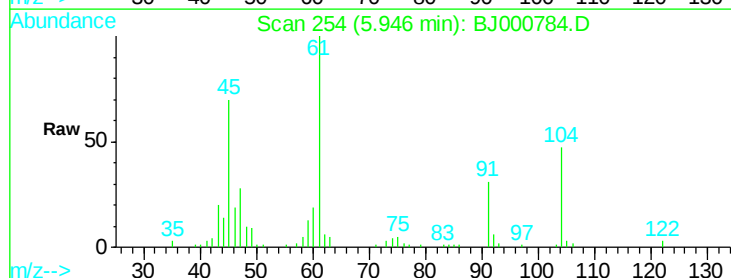
Tgt Ion: 61 Resp: 670848

Ion Ratio Lower Upper

61 100

45 70.4 49.4 89.4

47 28.3 7.9 47.9

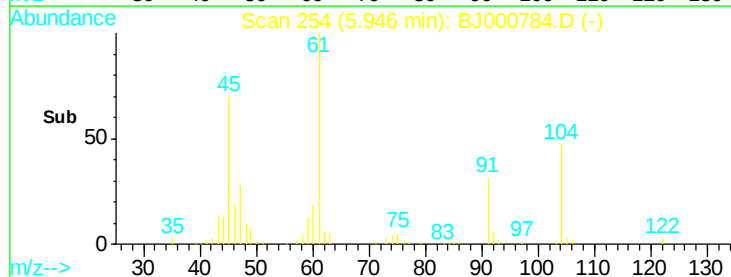
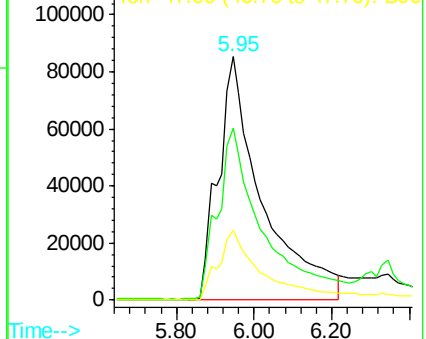


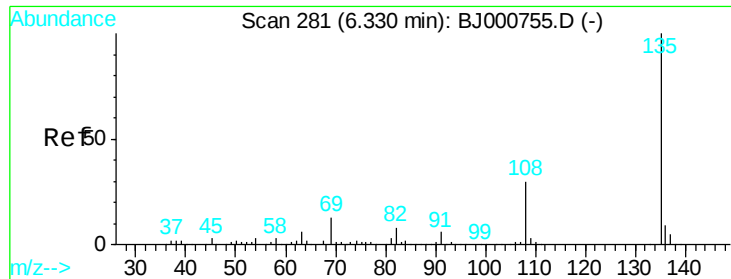
Abundance

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: 3.41 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.01 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

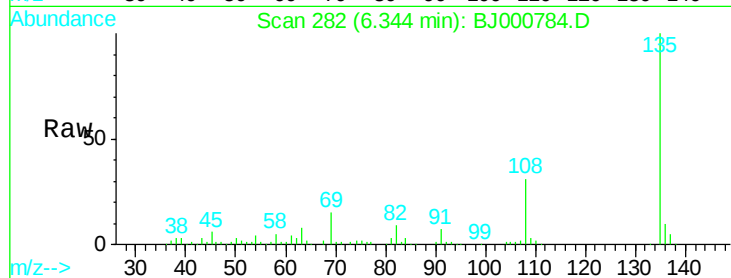
Tgt Ion:135 Resp: 1055200

Ion Ratio Lower Upper

135 100

108 31.3 11.0 51.0

69 14.7 0.0 34.2

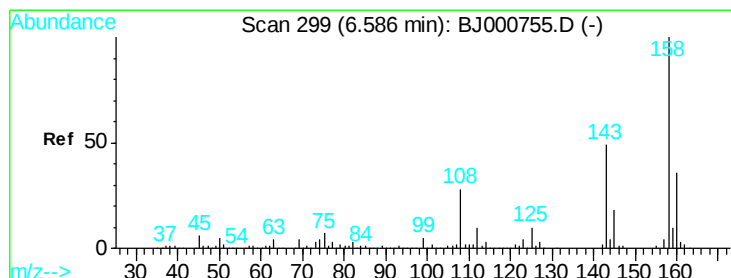
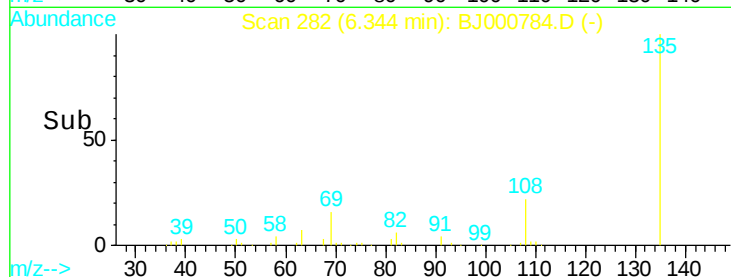
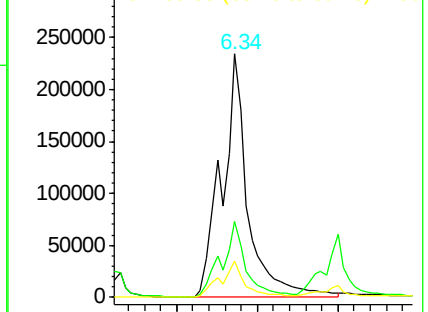


Abundance

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: 2.74 ug/mL

RT: 6.60 min Scan# 300

Delta R.T. 0.01 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Tgt Ion:158 Resp: 586940

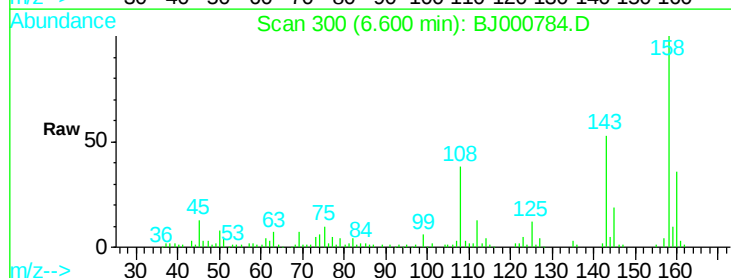
Ion Ratio Lower Upper

158 100

143 52.6 31.4 71.4

108 38.1 15.5 55.5

45 13.4 0.0 32.2



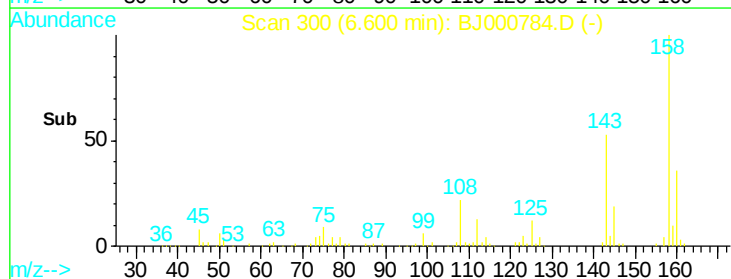
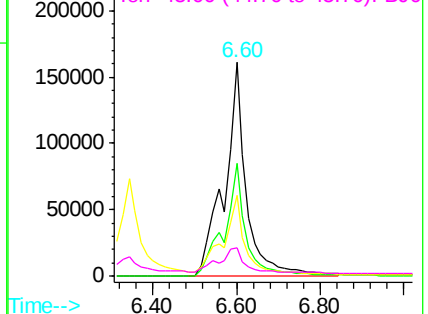
Abundance

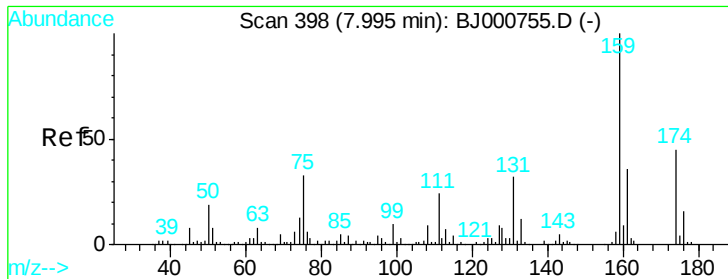
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

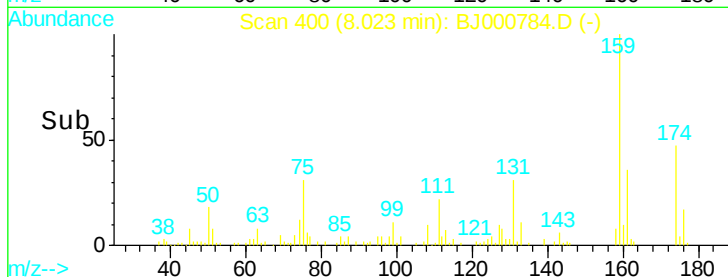
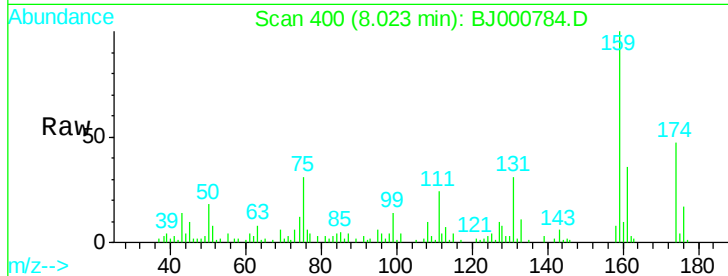
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 1.75 ug/mL
RT: 8.02 min Scan# 400
Delta R.T. 0.01 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Tgt Ion:	159	Resp:	209310
Ion	Ratio	Lower	Upper
159	100		
174	53.3	31.3	71.3
108	15.0	0.0	31.3
50	12.2	0.0	35.6



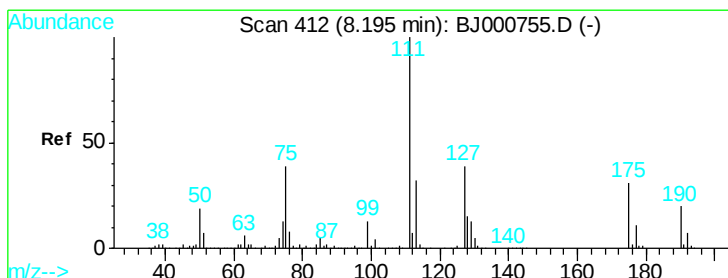
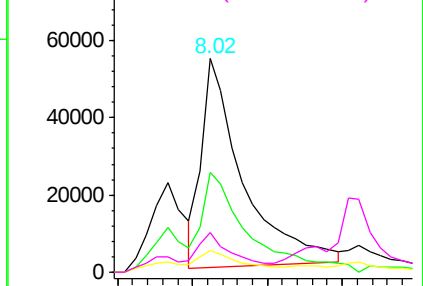
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

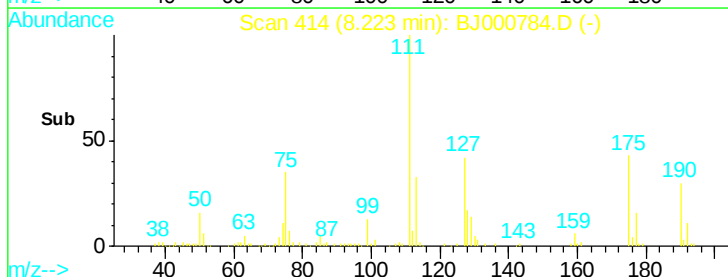
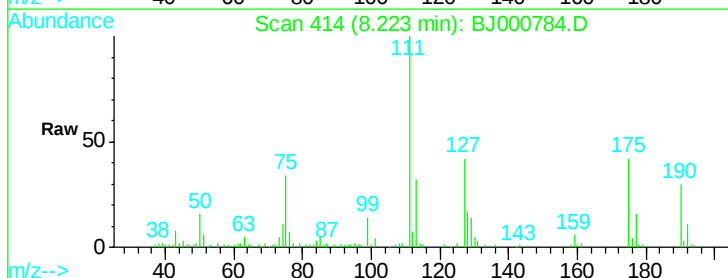
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 2.52 ug/mL
RT: 8.22 min Scan# 414
Delta R.T. 0.01 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Tgt Ion:	111	Resp:	442583
Ion	Ratio	Lower	Upper
111	100		
75	34.3	14.1	54.1
127	41.7	21.7	61.7
190	29.9	11.8	51.8



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

