

Data File : H:\VOL1\GCMSDATA\J\120417\BJ000759.D
 Acq On : 17 Apr 2012 15:10
 Sample : CWA-ICV
 Misc : BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 17 17:06 2012

Vial: 8
 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 17:08:29 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	302671	2.00	ug/mL	0.00
6) Naphthalene-d8	6.03	136	1231766	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	3599	0.01	ug/mL	-0.06
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	129945	1.13	ug/mL#	80
3) DMMP	3.60	79	51472	0.68	ug/mL#	78
4) DIMP	5.01	97	128892	0.52	ug/mL#	84
5) 1,4-Oxathiane	3.75	46	134291	1.27	ug/mL#	46
7) 1,4-Dithiane	5.19	46	111316	1.32	ug/mL#	88
8) Thiodiglycol	5.92	61	602381	8.72	ug/mL	98
9) Benzothiazole	6.33	135	1043080	3.09	ug/mL	99
11) p-Chlorophenylmethyldisulfide	6.59	158	585146	2.56	ug/mL	96
13) p-Chlorophenylmethyldisulfox	8.01	159	191156	1.60	ug/mL	90
14) p-Chlorophenylmethyldisulfon	8.19	111	431255	2.42	ug/mL	97

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Sample : CWA-ICV

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 17 17:06 2012

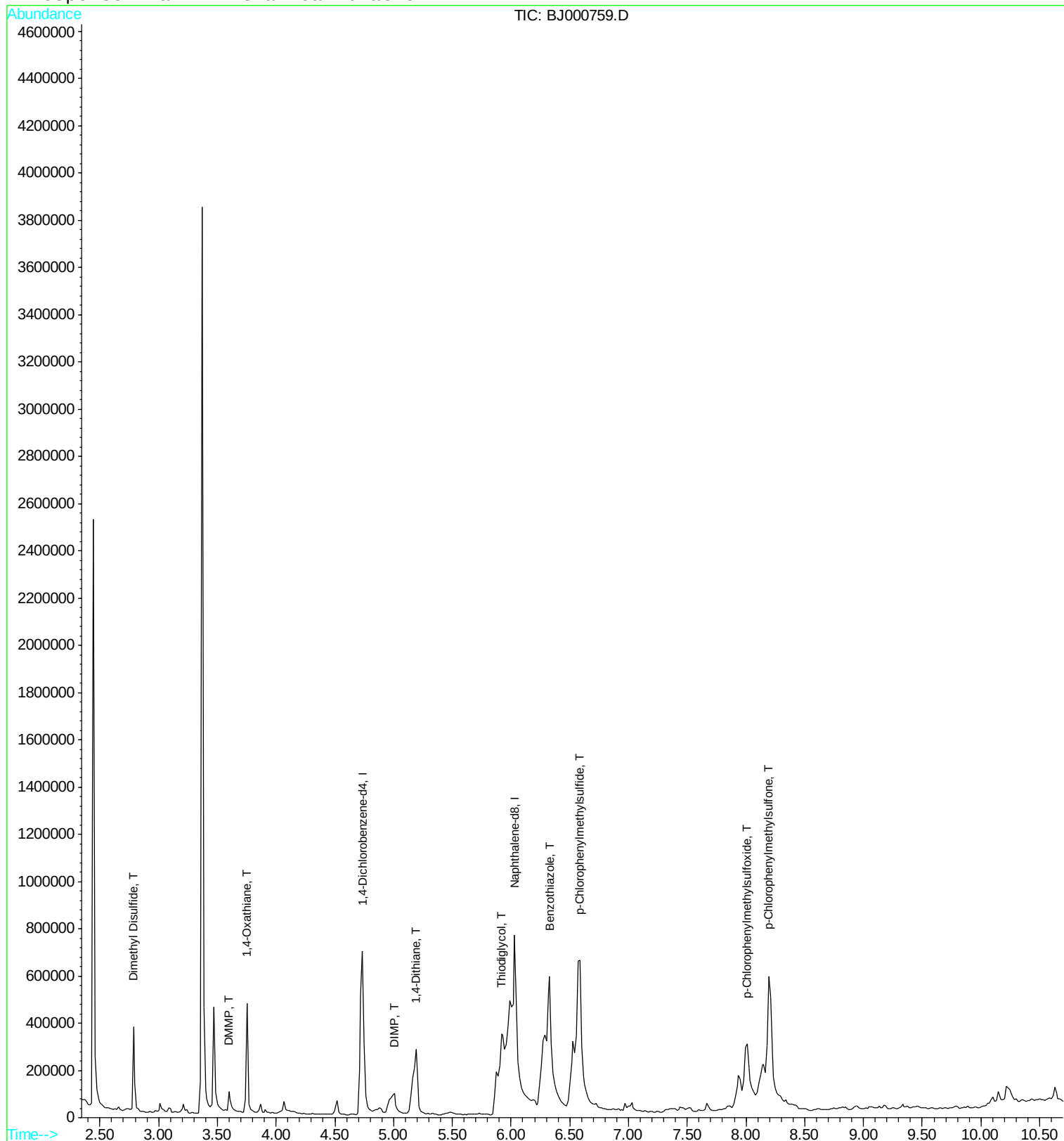
Quant Results File: BJ041712.RES

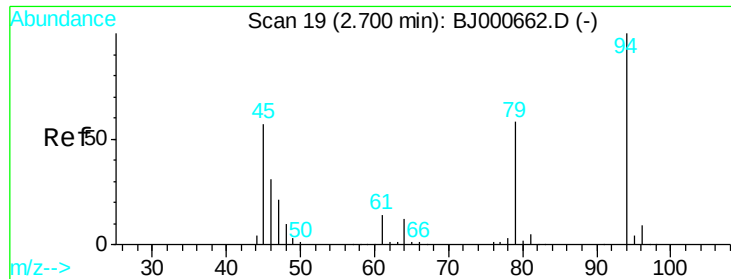
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ041712.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Tue Apr 17 17:06:28 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.13 ug/mL

RT: 2.79 min Scan# 32

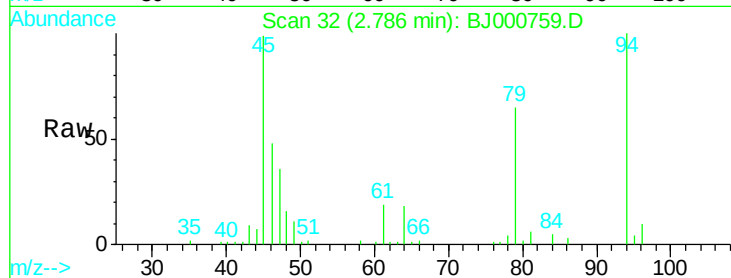
Delta R.T. 0.14 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion: 94 Resp: 129945

Ion	Ratio	Lower	Upper
94	100		
45	98.9	54.7	94.7#
79	65.0	38.8	78.8

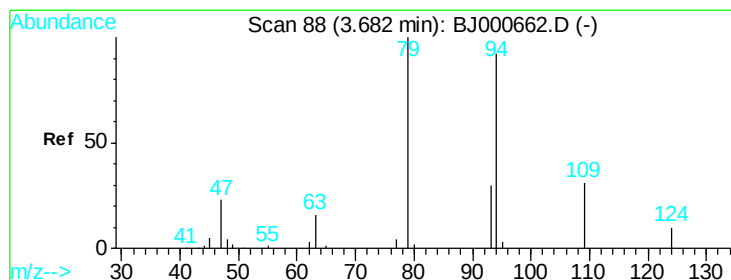
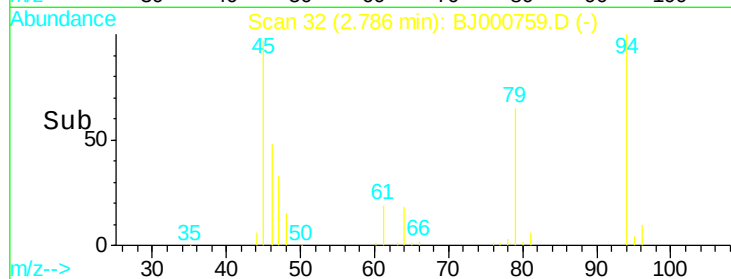
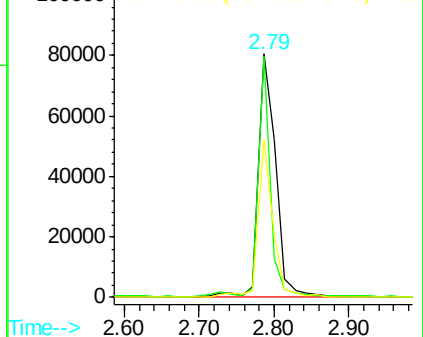


Abundance

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



#3

DMMP

Concen: 0.68 ug/mL

RT: 3.60 min Scan# 89

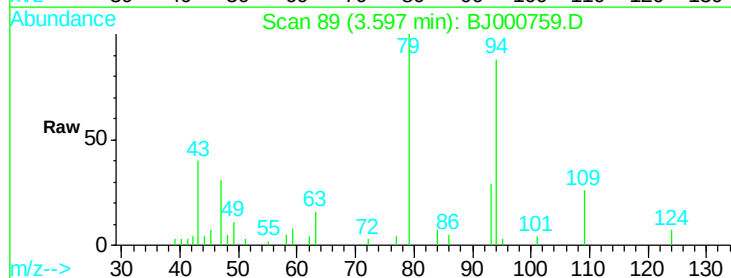
Delta R.T. -0.00 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion: 79 Resp: 51472

Ion	Ratio	Lower	Upper
79	100		
94	87.8	88.2	128.2#
109	25.7	24.6	64.6

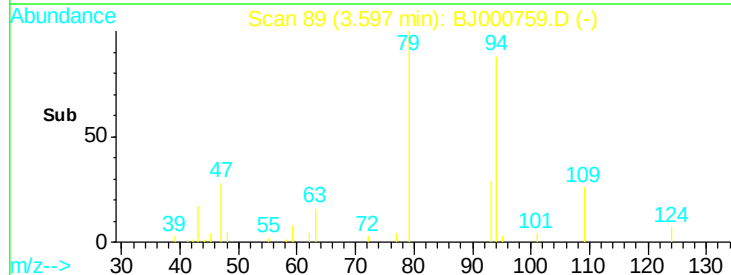
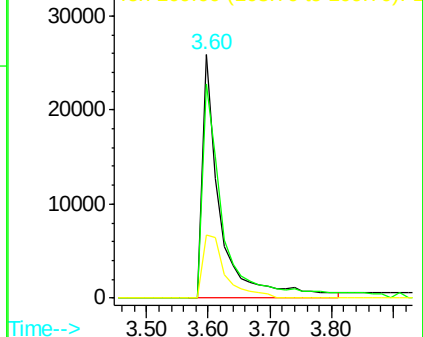


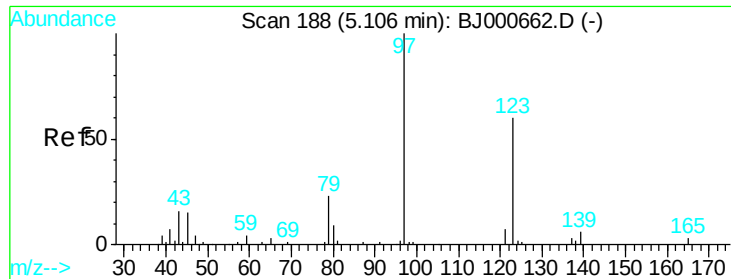
Abundance

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





#4

DIMP

Concen: 0.52 ug/mL

RT: 5.01 min Scan# 188

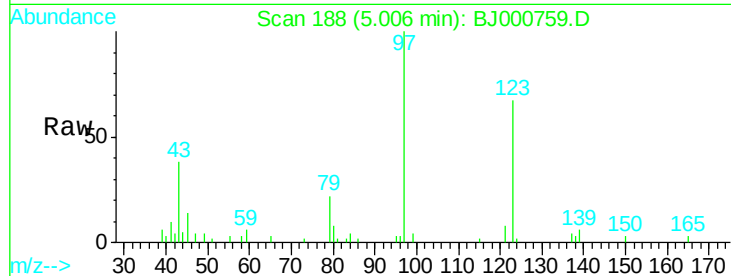
Delta R.T. -0.00 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion: 97 Resp: 128892

Ion	Ratio	Lower	Upper
97	100		
123	66.7	41.1	81.1
43	38.3	0.0	36.9
41	10.3	0.0	28.2



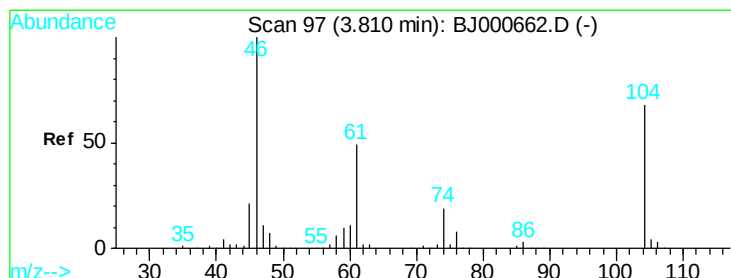
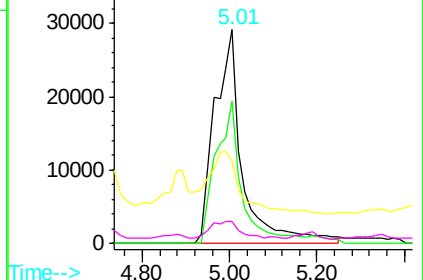
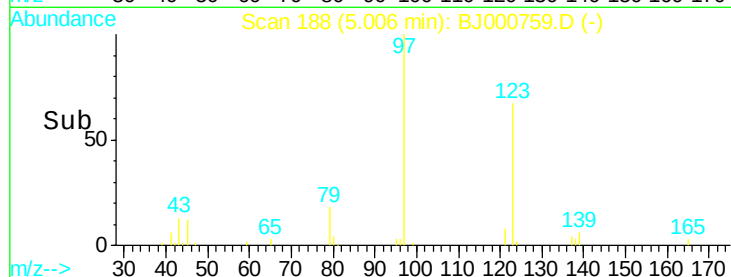
Abundance

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: 1.27 ug/mL

RT: 3.75 min Scan# 100

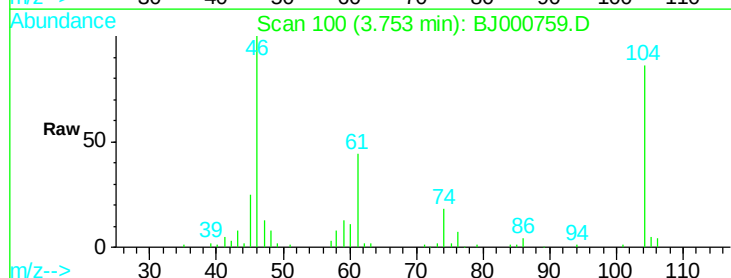
Delta R.T. 0.04 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion: 46 Resp: 134291

Ion	Ratio	Lower	Upper
46	100		
61	43.9	13.9	53.9
104	86.2	14.6	54.6

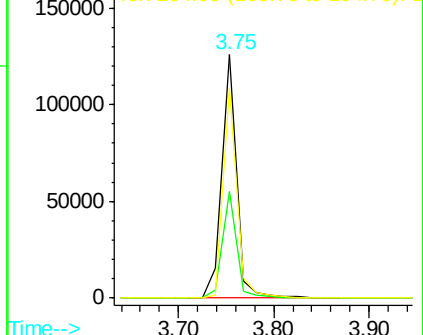
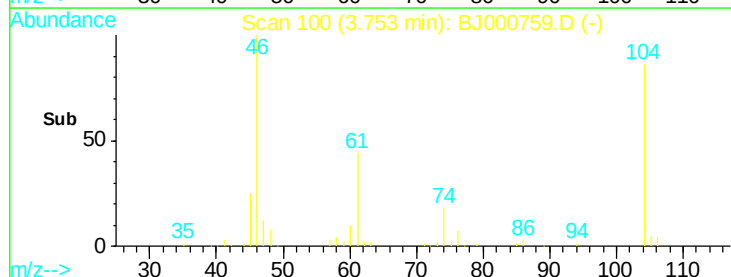


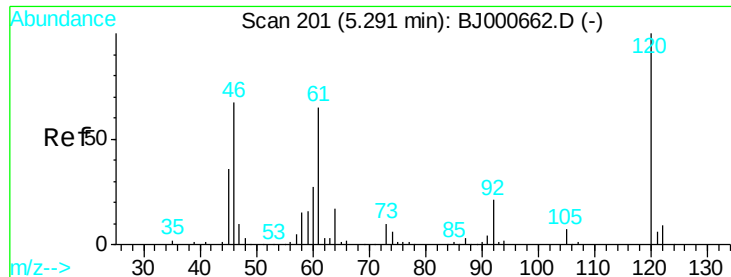
Abundance

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: 1.32 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. -0.00 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

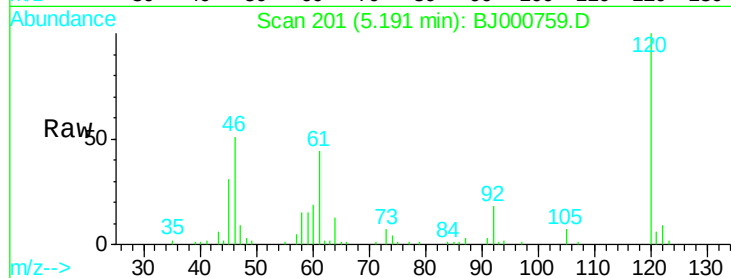
Tgt Ion: 46 Resp: 111316

Ion Ratio Lower Upper

46 100

61 84.8 61.1 101.1

120 194.8 152.3 192.3#

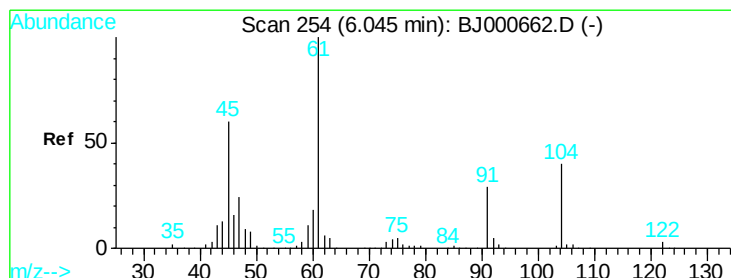
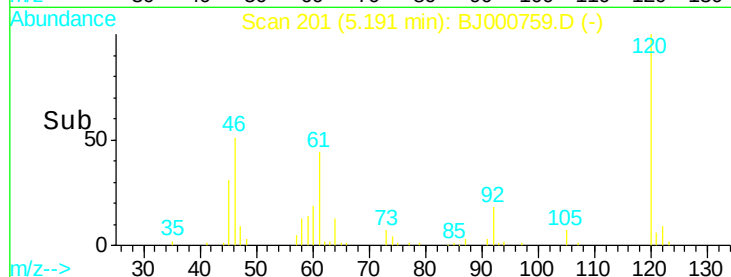
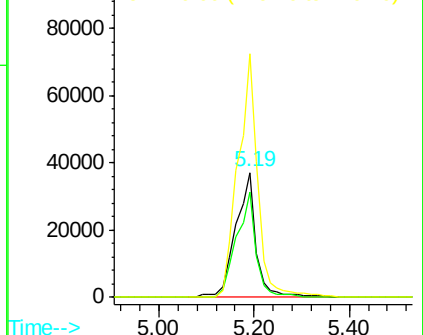


Abundance

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: 8.72 ug/mL

RT: 5.92 min Scan# 252

Delta R.T. -0.03 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

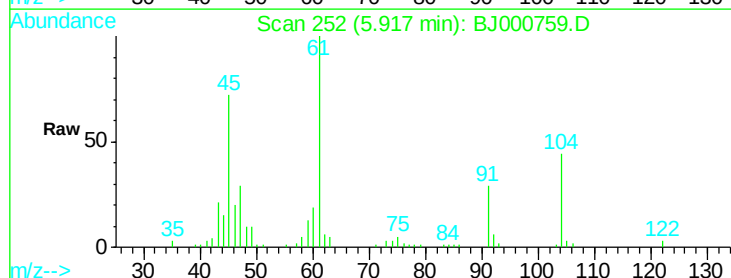
Tgt Ion: 61 Resp: 602381

Ion Ratio Lower Upper

61 100

45 71.7 53.3 93.3

47 29.0 9.3 49.3

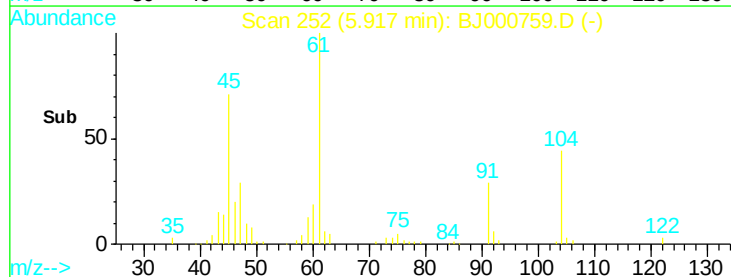
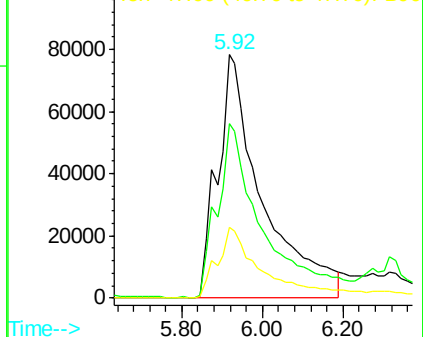


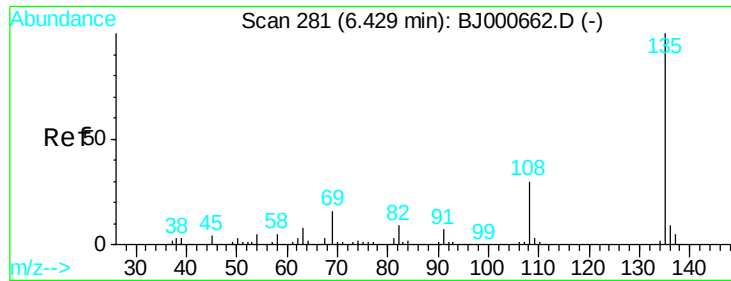
Abundance

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: 3.09 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. -0.00 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

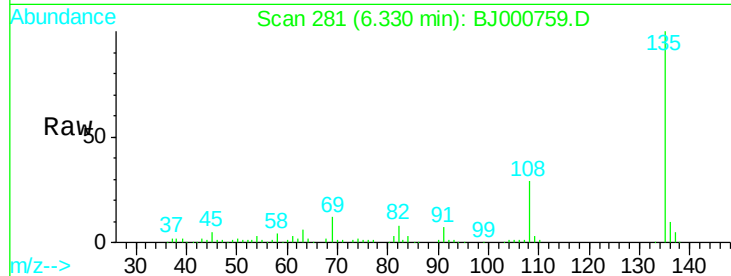
Tgt Ion:135 Resp: 1043080

Ion Ratio Lower Upper

135 100

108 29.0 9.9 49.9

69 12.4 0.0 32.5

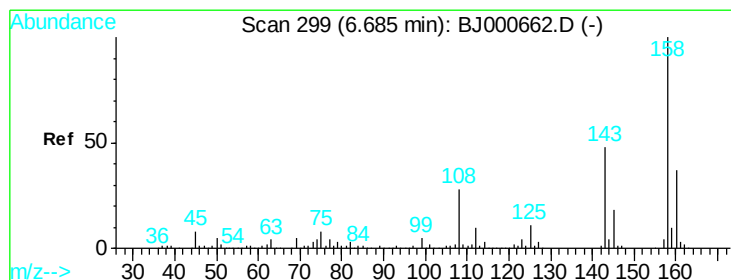
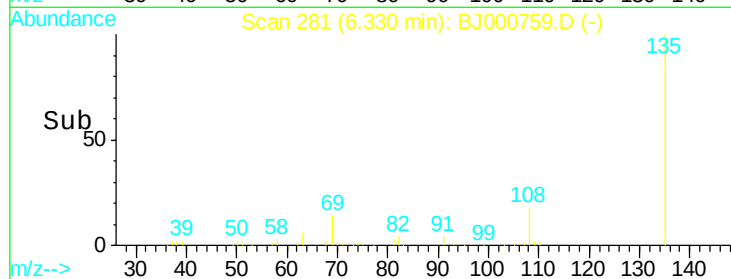
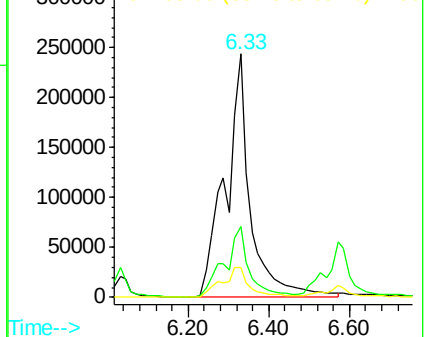


Abundance

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: 2.56 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. -0.00 min

Lab File: BJ000759.D

Acq: 17 Apr 2012 15:10

Tgt Ion:158 Resp: 585146

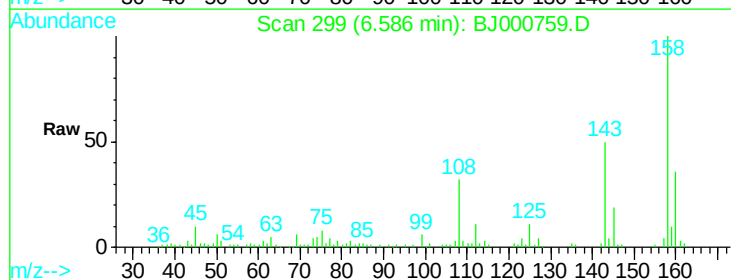
Ion Ratio Lower Upper

158 100

143 50.4 28.9 68.9

108 32.2 8.9 48.9

45 10.3 0.0 27.0



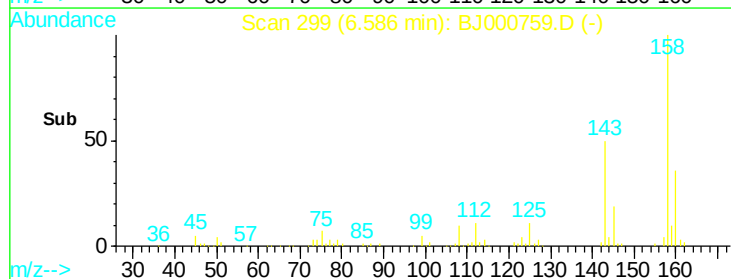
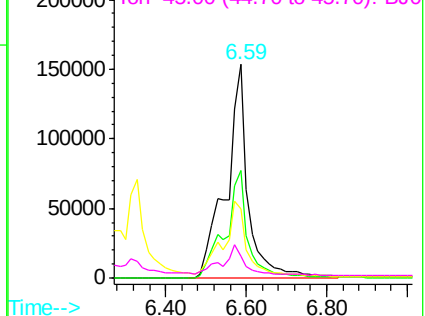
Abundance

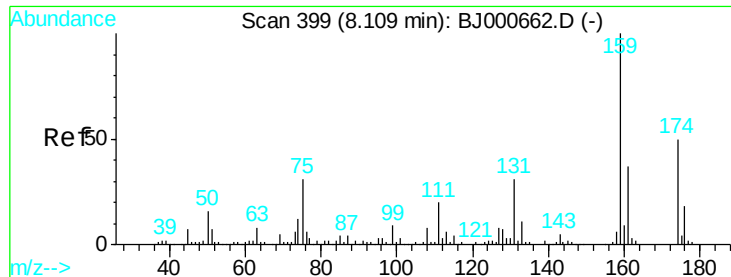
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

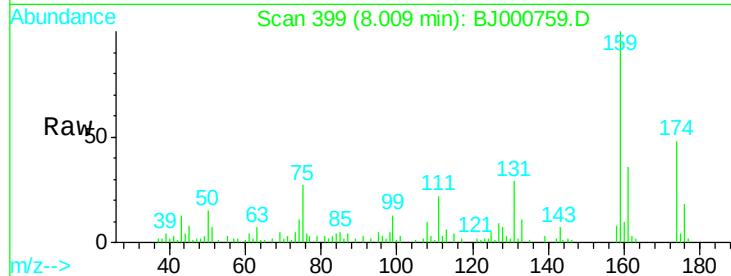
Ion 45.00 (44.70 to 45.70): BJ0





#13
 p-Chlorophenylmethylsulfoxide
 Concen: 1.60 ug/mL
 RT: 8.01 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BJ000759.D
 Acq: 17 Apr 2012 15:10

Tgt Ion:	159	Resp:	191156
Ion	Ratio	Lower	Upper
159	100		
174	54.0	27.3	67.3
108	10.0	0.0	28.2
50	11.3	0.0	36.4



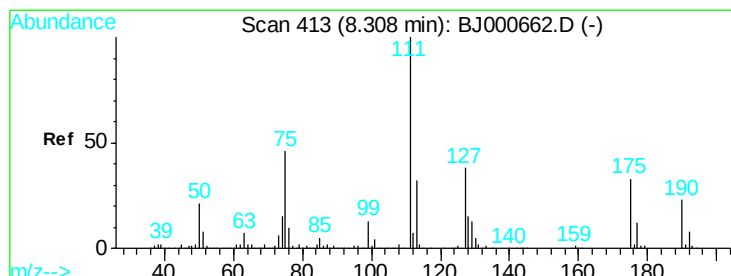
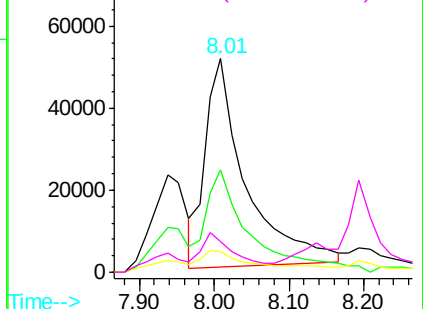
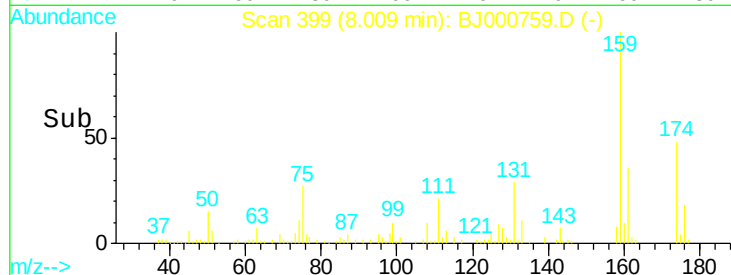
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

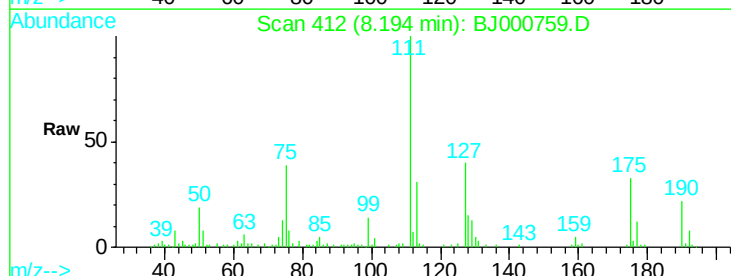
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
 p-Chlorophenylmethylsulfone
 Concen: 2.42 ug/mL
 RT: 8.19 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BJ000759.D
 Acq: 17 Apr 2012 15:10

Tgt Ion:	111	Resp:	431255
Ion	Ratio	Lower	Upper
111	100		
75	38.6	20.1	60.1
127	39.7	18.5	58.5
190	21.8	0.0	39.5



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

