

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000781.D
 Acq On : 26 Apr 2012 14:10
 Sample : CWA-4
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 26 16:07 2012

Vial: 5
 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	4.76	152	283372	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1181550	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	1076266	2.57	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	514.00%#
12) 2-Bromothioanisole	7.35	204	981215	11.96	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	239.20%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.66	94	725244	6.73	ug/mL#	79
3) DMMP	3.60	79	217319	3.08	ug/mL	97
4) DIMP	5.03	97	638389	3.02	ug/mL	90
5) 1,4-Oxathiane	3.73	46	676795	6.85	ug/mL	85
7) 1,4-Dithiane	5.21	46	512840	6.36	ug/mL#	88
8) Thiodiglycol	5.97	61	3285491	50.41	ug/mL	97
9) Benzothiazole	6.35	135	3891339	12.03	ug/mL	94
11) p-Chlorophenylmethyldisulfide	6.59	158	2543933	11.58	ug/mL	93
13) p-Chlorophenylmethyldisulfox	8.02	159	1441962	12.60	ug/mL	95
14) p-Chlorophenylmethyldisulfon	8.21	111	1970972	11.52	ug/mL	90

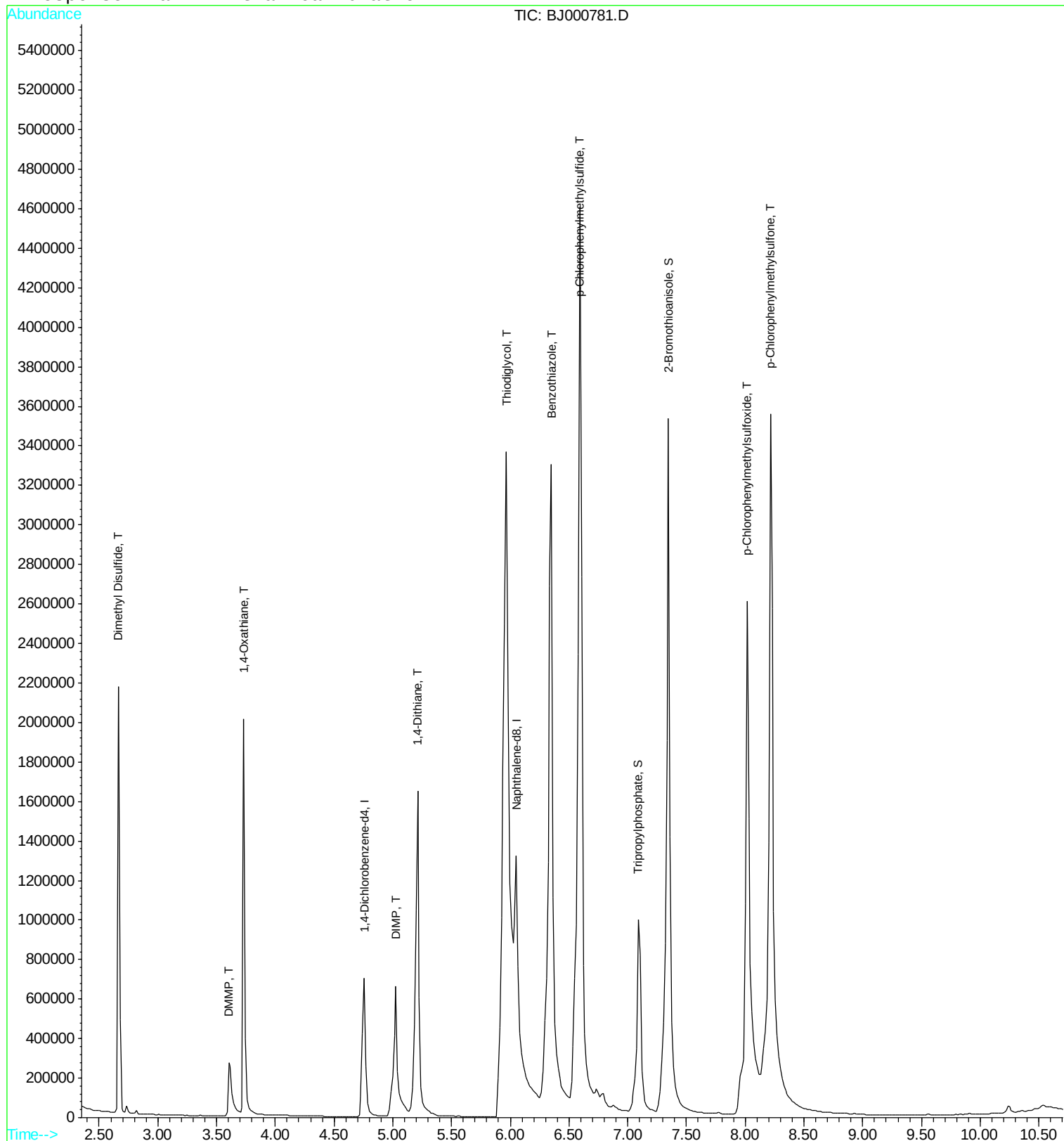
Quantitation Report

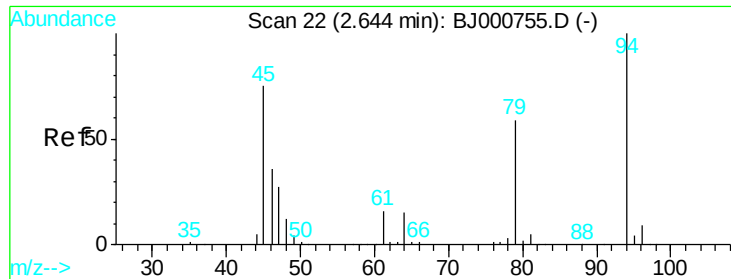
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#2

Dimethyl Disulfide

Concen: 6.73 ug/mL

RT: 2.66 min Scan# 23

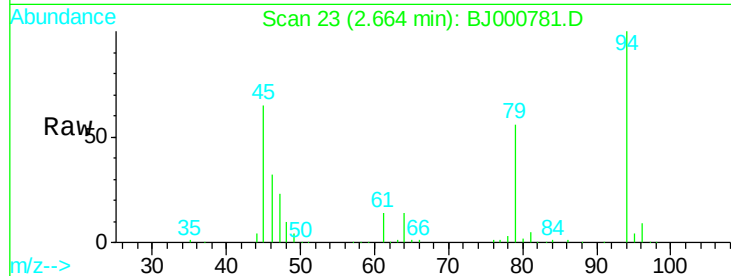
Delta R.T. -0.01 min

Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

Tgt Ion: 94 Resp: 725244

Ion	Ratio	Lower	Upper
94	100		
45	65.2	72.8	112.8#
79	55.9	43.9	83.9

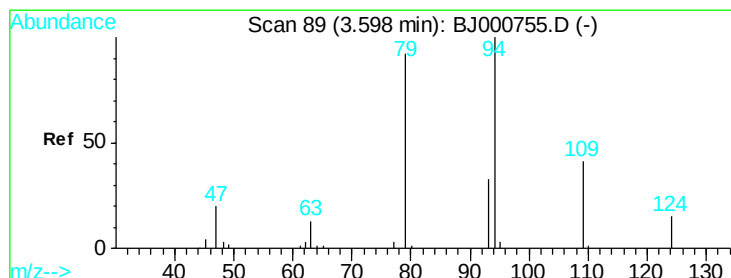
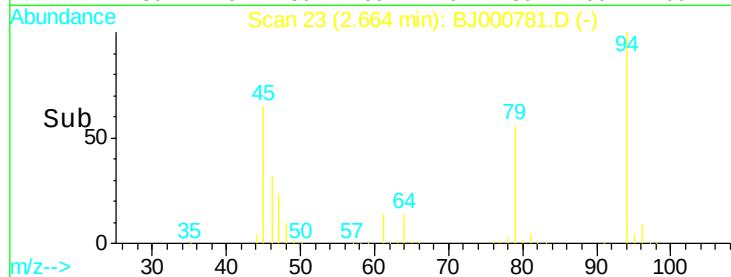
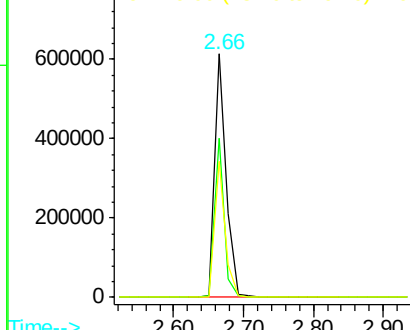


Abundance

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: 3.08 ug/mL

RT: 3.60 min Scan# 89

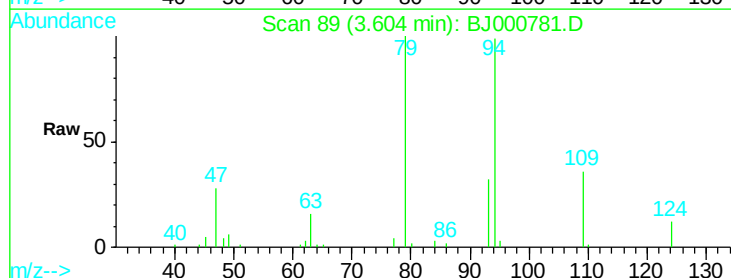
Delta R.T. -0.01 min

Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

Tgt Ion: 79 Resp: 217319

Ion	Ratio	Lower	Upper
79	100		
94	99.0	81.5	121.5
109	35.9	18.2	58.2

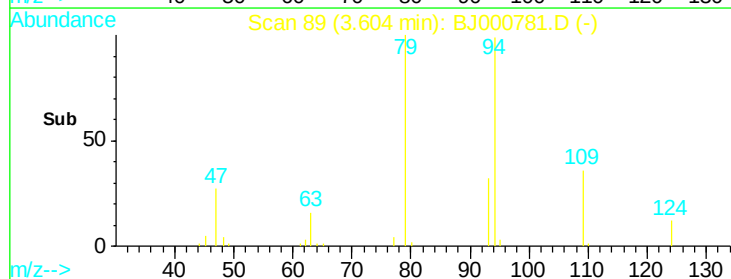
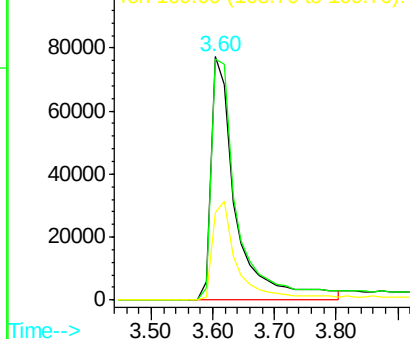


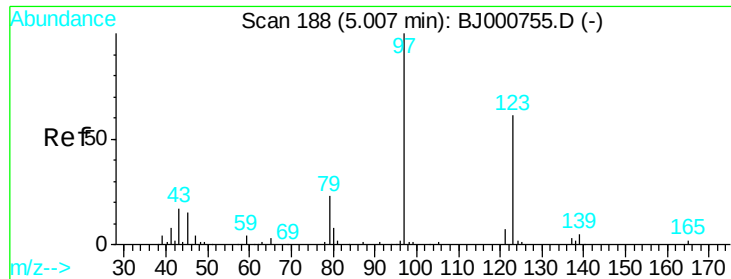
Abundance

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: 3.02 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. 0.01 min

Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

Tgt Ion: 97 Resp: 638389

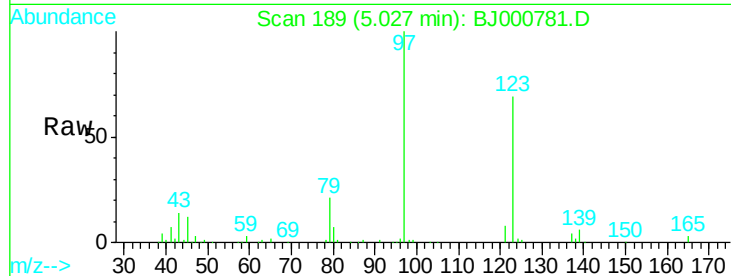
Ion Ratio Lower Upper

97 100

123 68.8 40.6 80.6

43 14.0 0.0 37.6

41 6.9 0.0 28.4



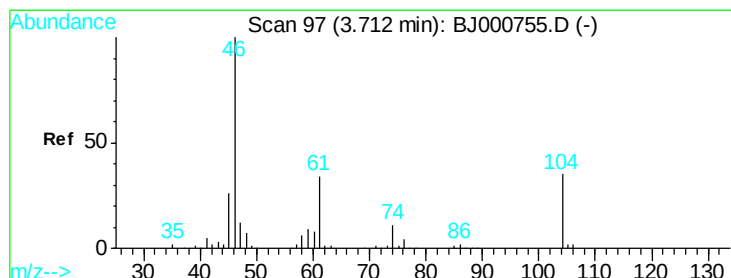
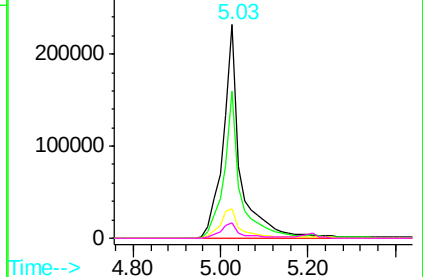
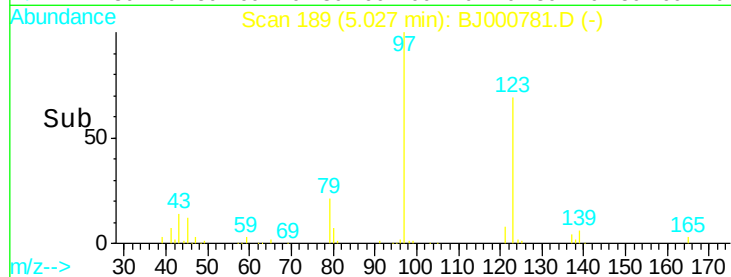
Abundance

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



#5

1,4-Oxathiane

Concen: 6.85 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.01 min

Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

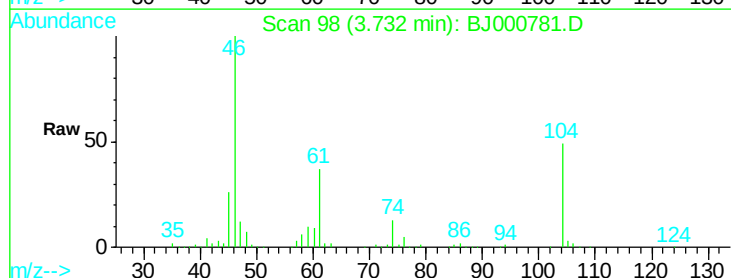
Tgt Ion: 46 Resp: 676795

Ion Ratio Lower Upper

46 100

61 36.5 14.6 54.6

104 48.8 13.7 53.7

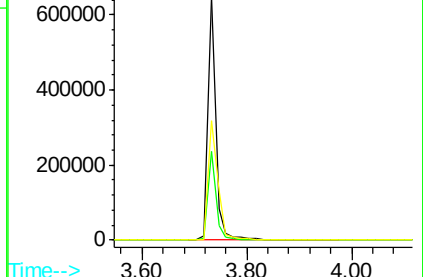
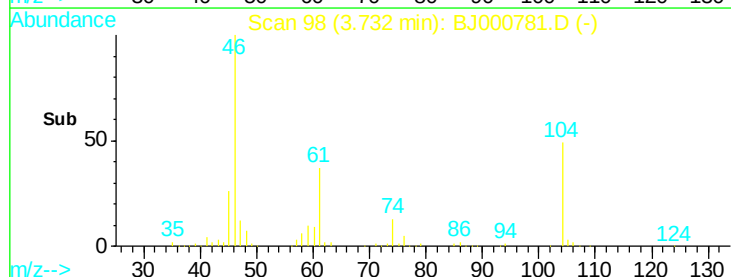


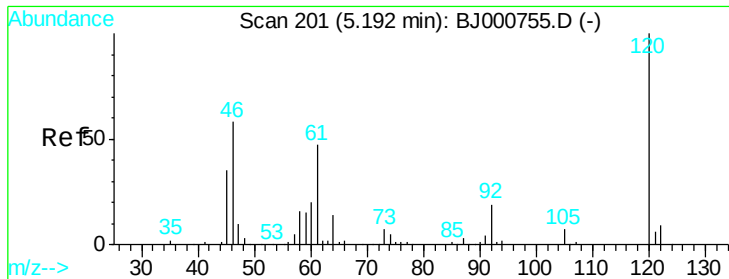
Abundance

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





#7

1,4-Dithiane

Concen: 6.36 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

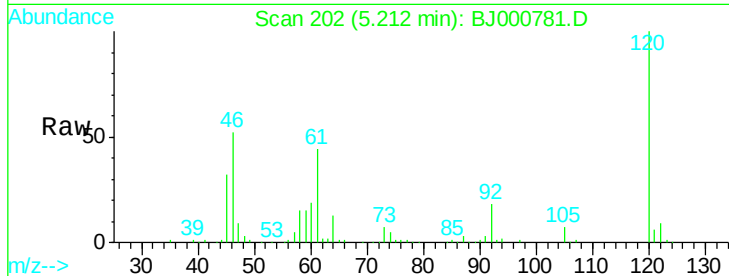
Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

Tgt Ion: 46 Resp: 512840

Ion Ratio Lower Upper

46	100		
61	84.9	62.3	102.3
120	191.9	149.0	189.0

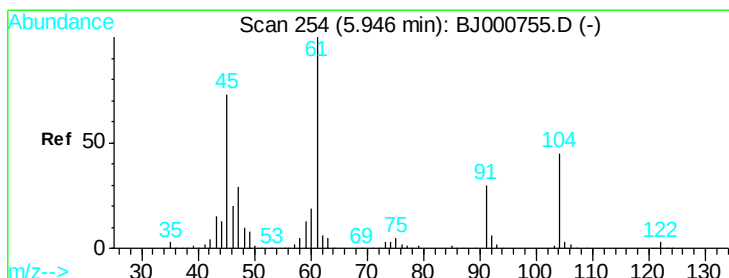
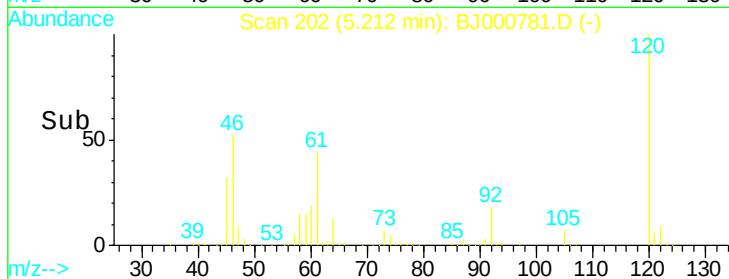
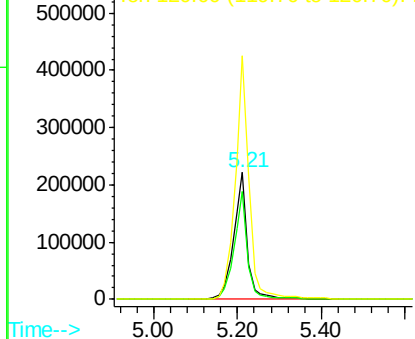


Abundance

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: 50.41 ug/mL

RT: 5.97 min Scan# 255

Delta R.T. 0.02 min

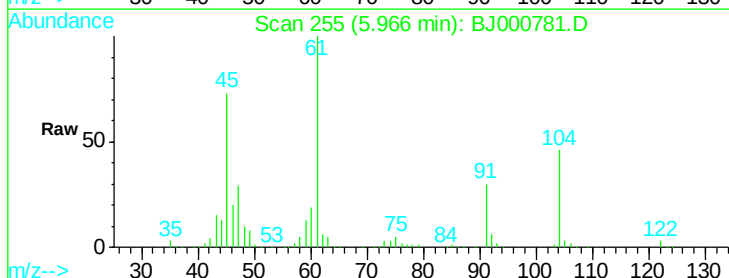
Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

Tgt Ion: 61 Resp: 3285491

Ion Ratio Lower Upper

61	100		
45	72.9	49.4	89.4
47	28.7	7.9	47.9

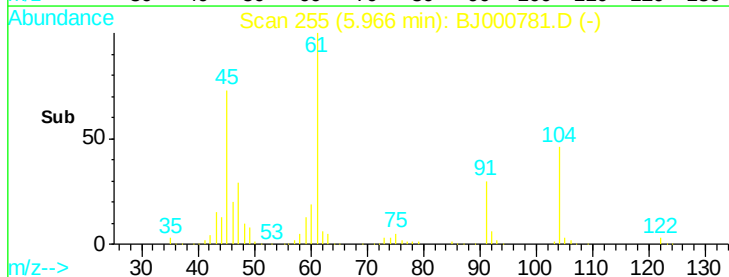
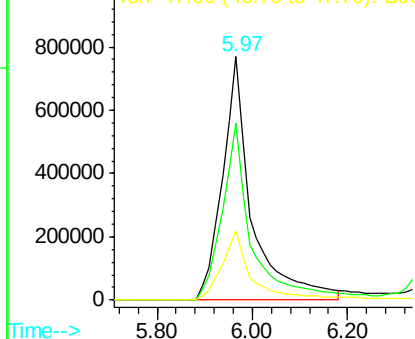


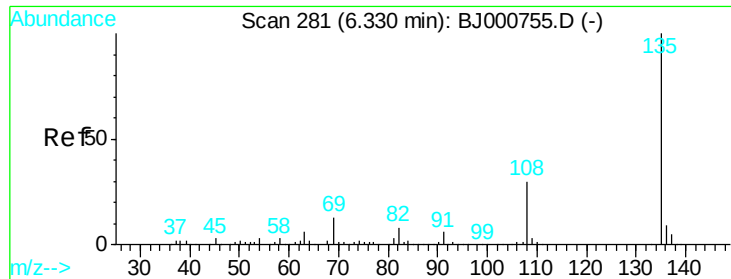
Abundance

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: 12.03 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.01 min

Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

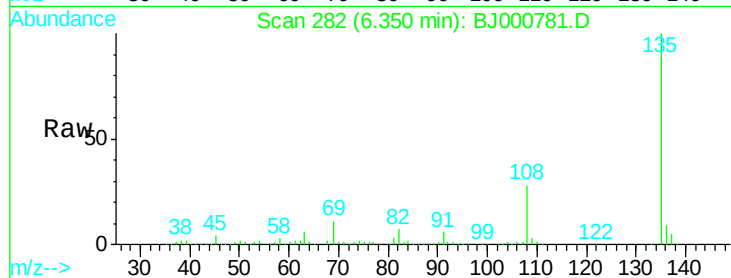
Tgt Ion:135 Resp: 3891339

Ion Ratio Lower Upper

135 100

108 28.4 11.0 51.0

69 11.2 0.0 34.2



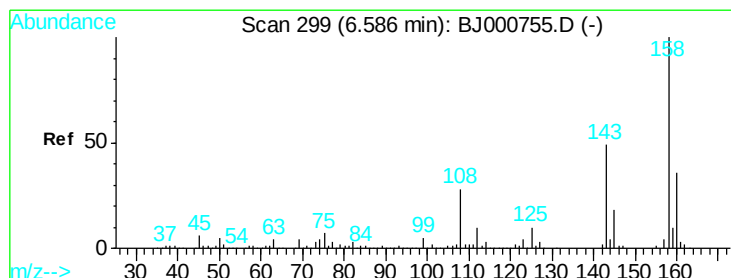
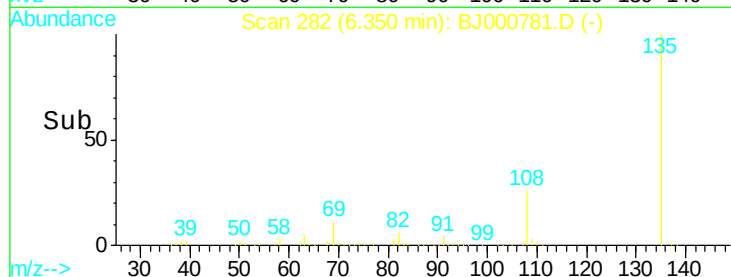
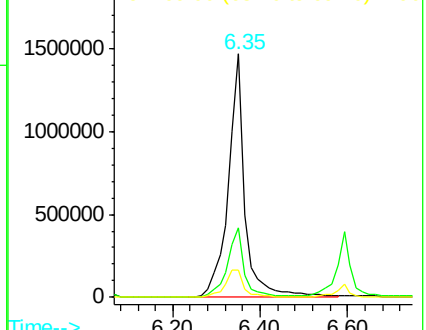
Abundance

Ion 135.00 (134.70 to 135.70): E

2000000

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 11.58 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. -0.01 min

Lab File: BJ000781.D

Acq: 26 Apr 2012 14:10

Tgt Ion:158 Resp: 2543933

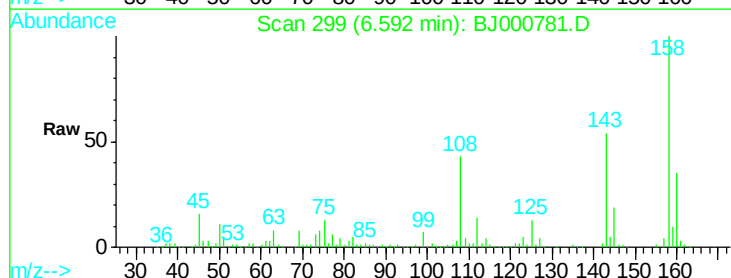
Ion Ratio Lower Upper

158 100

143 54.2 31.4 71.4

108 42.5 15.5 55.5

45 15.7 0.0 32.2



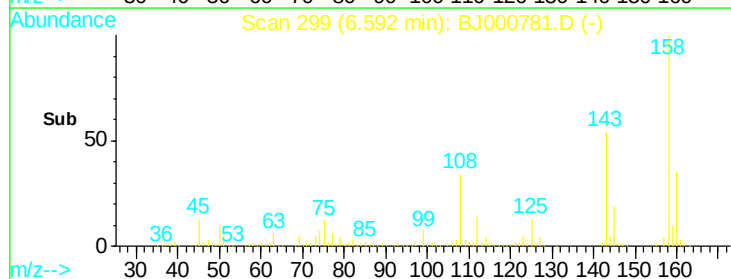
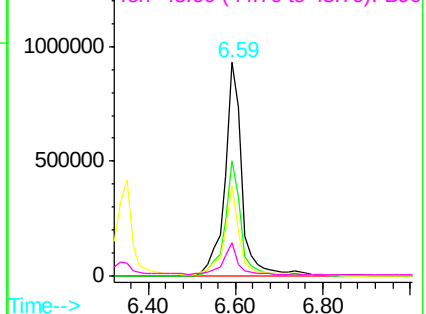
Abundance

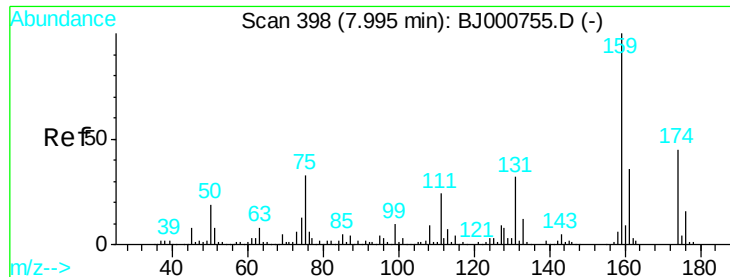
Ion 158.00 (157.70 to 158.70): E

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

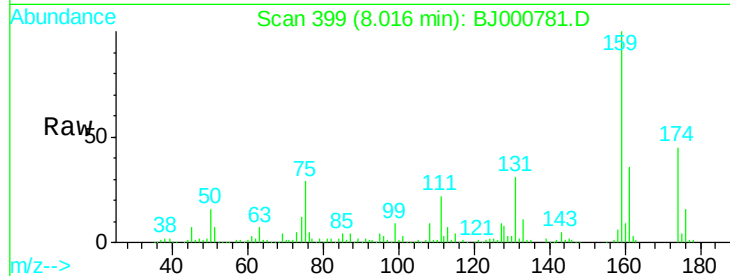




#13
p-Chlorophenylmethylsulfoxide
Concen: 12.60 ug/mL
RT: 8.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: BJ000781.D
Acq: 26 Apr 2012 14:10

Tgt Ion:159 Resp: 1441962

Ion	Ratio	Lower	Upper
159	100		
174	47.7	31.3	71.3
108	8.2	0.0	31.3
50	16.2	0.0	35.6



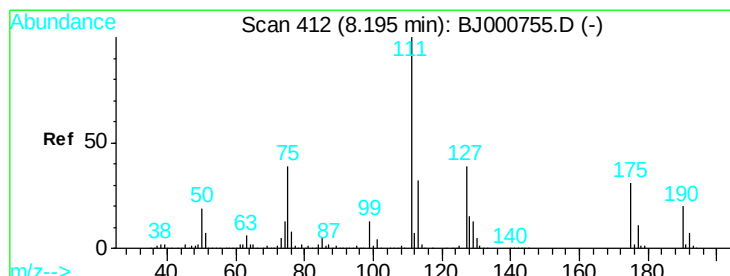
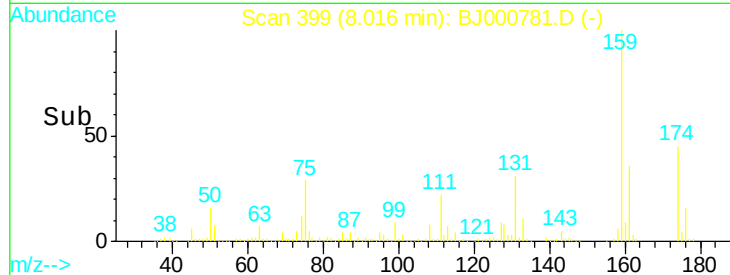
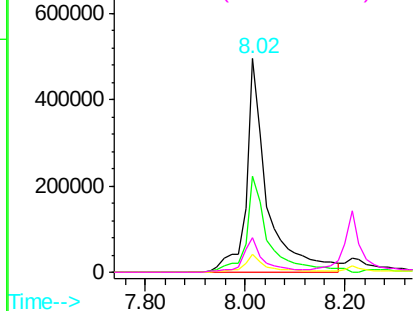
Abundance

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

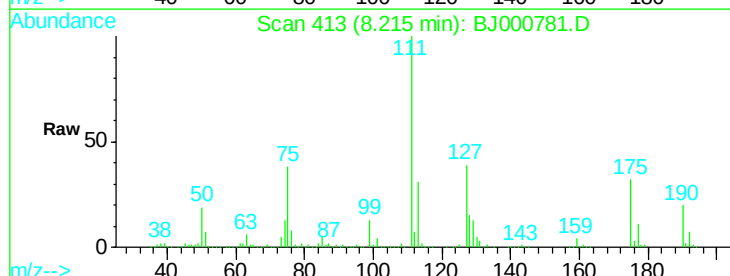
Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 11.52 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. -0.01 min
Lab File: BJ000781.D
Acq: 26 Apr 2012 14:10

Tgt Ion:111 Resp: 1970972

Ion	Ratio	Lower	Upper
111	100		
75	38.3	14.1	54.1
127	39.0	21.7	61.7
190	20.3	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

