

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000779.D
 Acq On : 26 Apr 2012 13:34
 Sample : CWA-2
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 26 16:07 2012

Vial: 3
 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	297402	2.00	ug/mL	0.01
6) Naphthalene-d8	6.06	136	1242466	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	82818	0.19	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	38.00%#
12) 2-Bromothioanisole	7.35	204	83327	0.97	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	19.40%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.70	94	44164	0.39	ug/mL#	41
3) DMMP	3.63	79	12073	0.16	ug/mL	92
4) DIMP	5.02	97	42286	0.19	ug/mL	95
5) 1,4-Oxathiane	3.73	46	52045	0.50	ug/mL	93
7) 1,4-Dithiane	5.21	46	40561	0.48	ug/mL	96
8) Thiodiglycol	5.97	61	136041	1.98	ug/mL	97
9) Benzothiazole	6.36	135	315840	0.93	ug/mL	96
11) p-Chlorophenylmethyldisulfide	6.60	158	222198	0.96	ug/mL	93
13) p-Chlorophenylmethyldisulfox	8.04	159	89919	0.75	ug/mL	96
14) p-Chlorophenylmethyldisulfon	8.22	111	149770	0.83	ug/mL	96

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Multiplr: 1.00

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Quant Time: Apr 26 16:07 2012

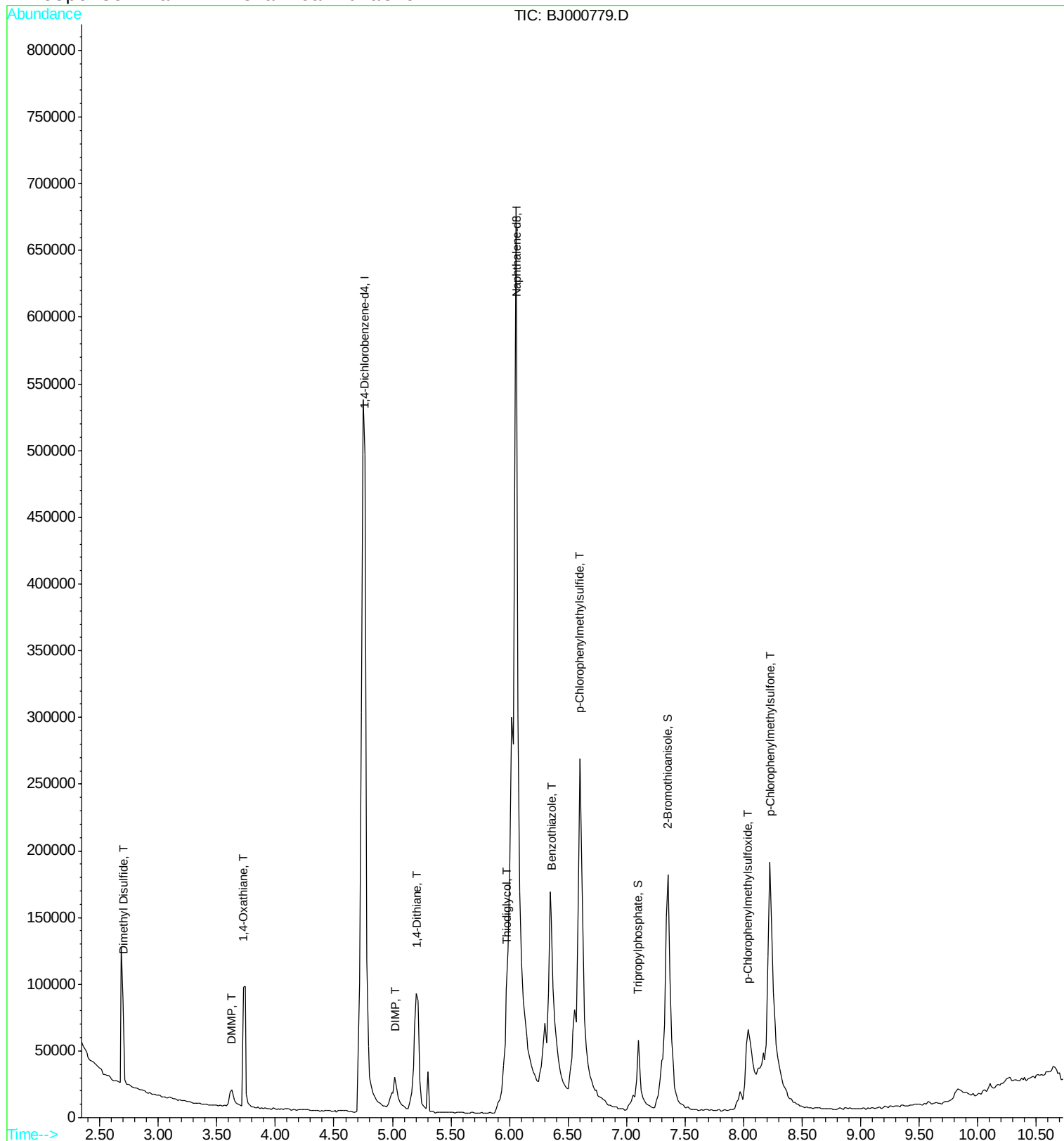
Quant Results File: BJ042612.RES

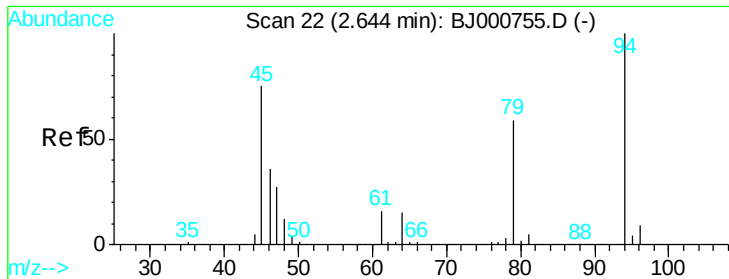
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

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#2

Dimethyl Disulfide

Concen: 0.39 ug/mL

RT: 2.70 min Scan# 26

Delta R.T. 0.03 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

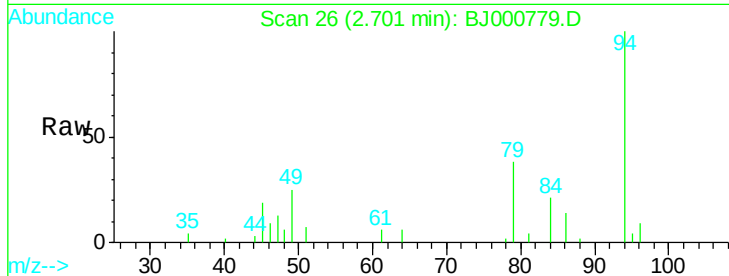
Tgt Ion: 94 Resp: 44164

Ion Ratio Lower Upper

94 100

45 18.8 72.8 112.8#

79 38.1 43.9 83.9#

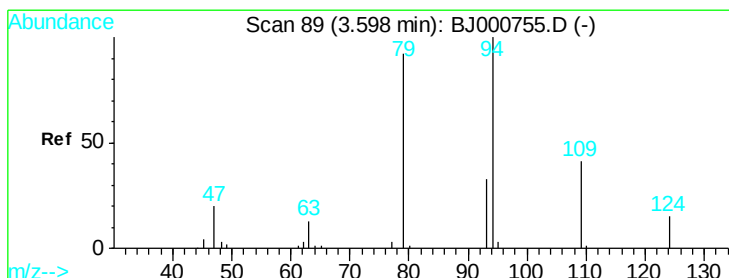
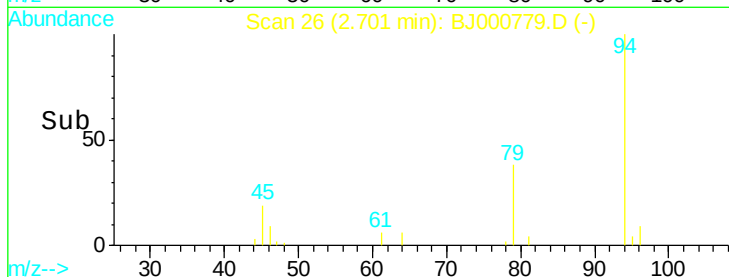
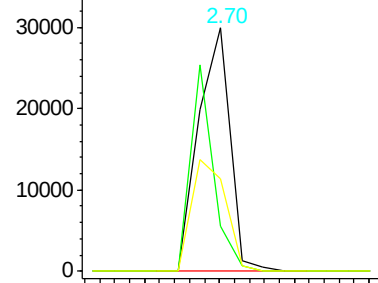


Abundance

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: 0.16 ug/mL

RT: 3.63 min Scan# 91

Delta R.T. 0.01 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

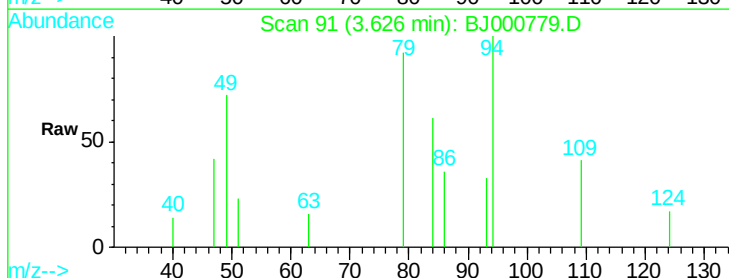
Tgt Ion: 79 Resp: 12073

Ion Ratio Lower Upper

79 100

94 108.5 81.5 121.5

109 44.8 18.2 58.2

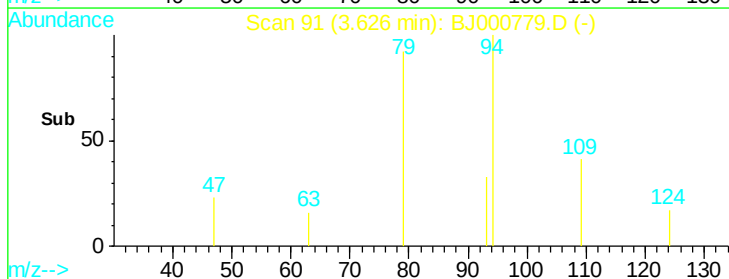
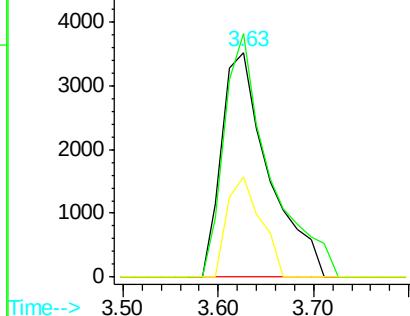


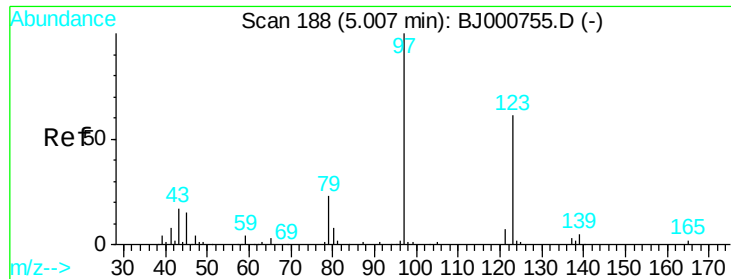
Abundance

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: 0.19 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. -0.00 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

Tgt Ion: 97 Resp: 42286

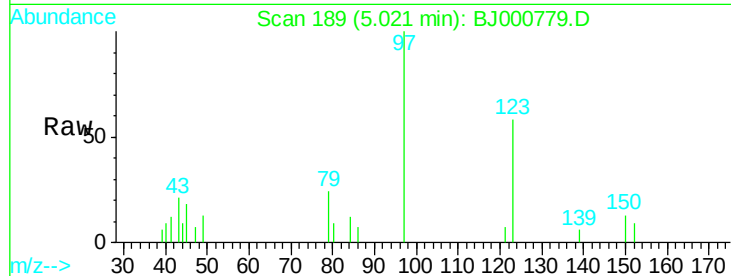
Ion Ratio Lower Upper

97 100

123 57.9 40.6 80.6

43 21.0 0.0 37.6

41 12.4 0.0 28.4



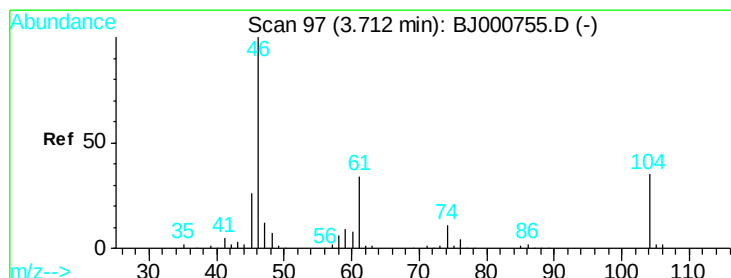
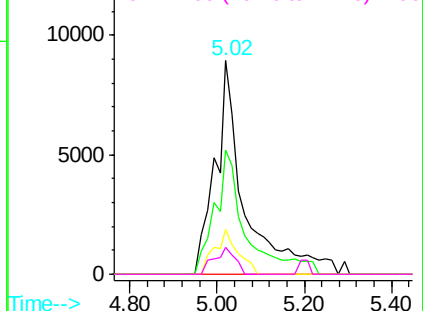
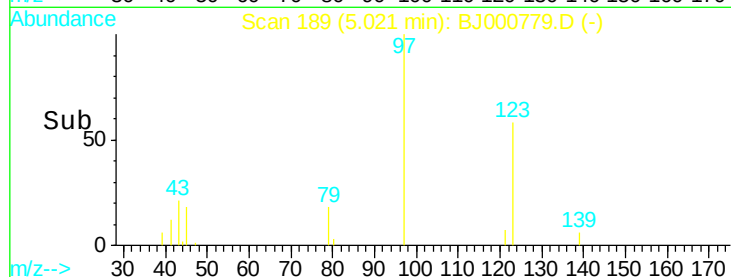
Abundance

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: 0.50 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.00 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

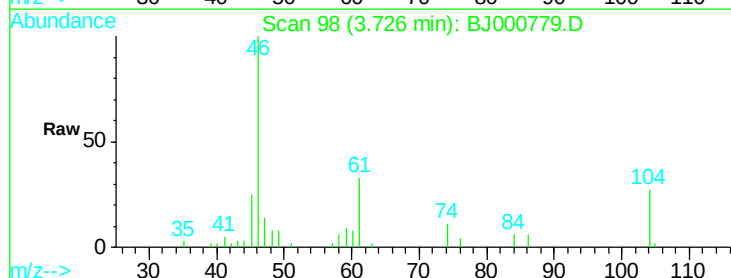
Tgt Ion: 46 Resp: 52045

Ion Ratio Lower Upper

46 100

61 33.4 14.6 54.6

104 27.0 13.7 53.7

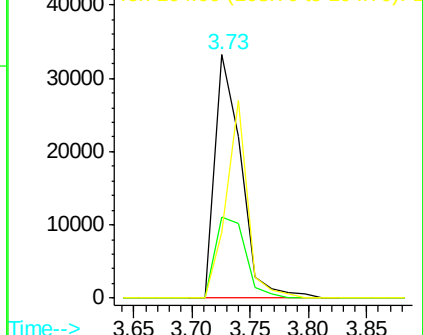
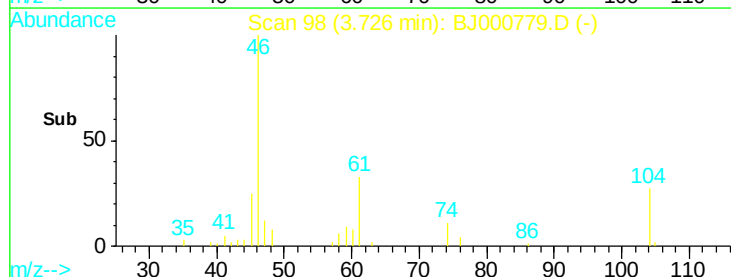


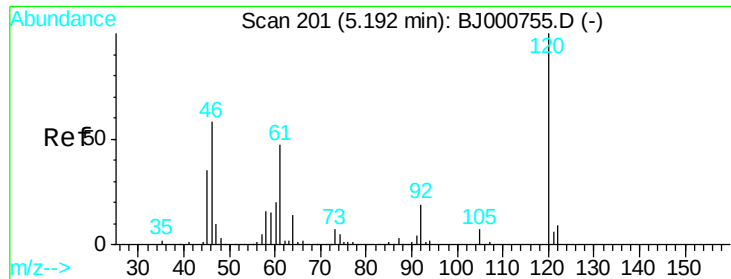
Abundance

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: 0.48 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. -0.00 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

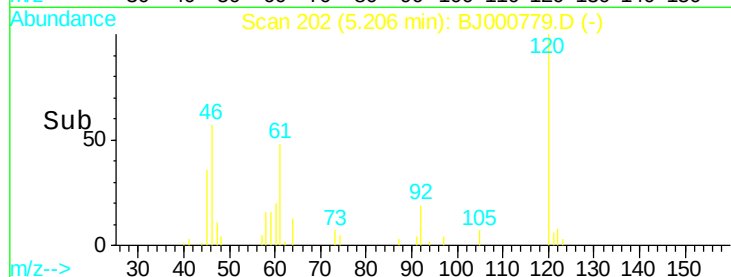
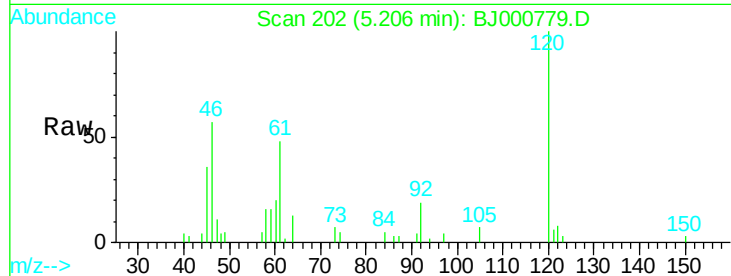
Tgt Ion: 46 Resp: 40561

Ion Ratio Lower Upper

46 100

61 84.2 62.3 102.3

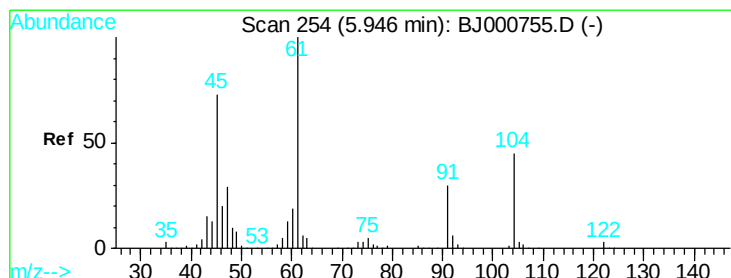
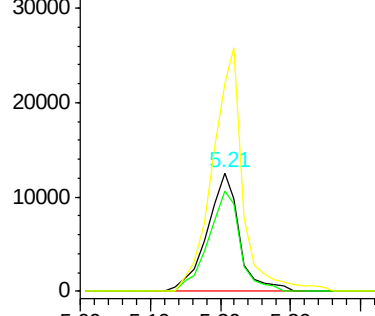
120 175.3 149.0 189.0



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: 1.98 ug/mL

RT: 5.97 min Scan# 256

Delta R.T. 0.03 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

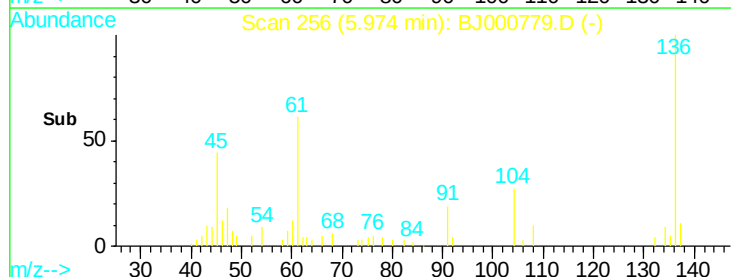
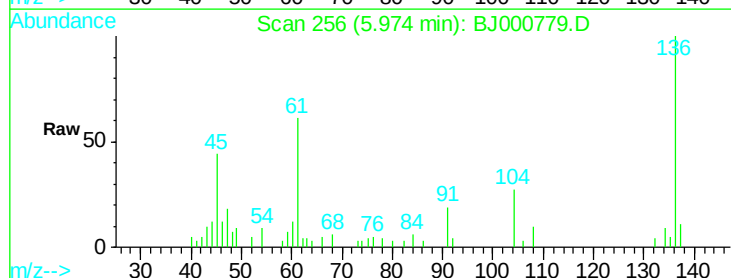
Tgt Ion: 61 Resp: 136041

Ion Ratio Lower Upper

61 100

45 71.5 49.4 89.4

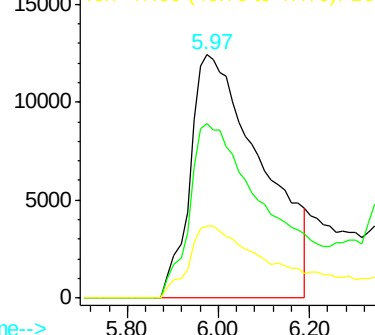
47 29.6 7.9 47.9

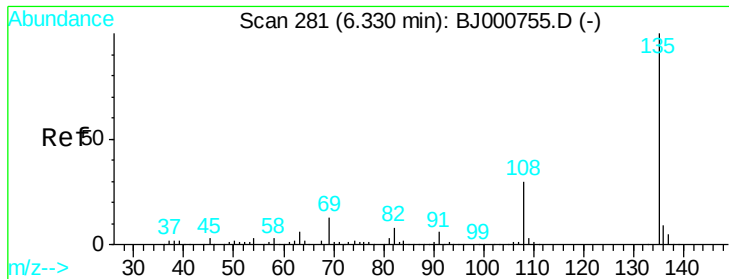


Abundance Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 0.93 ug/mL

RT: 6.36 min Scan# 283

Delta R.T. 0.01 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

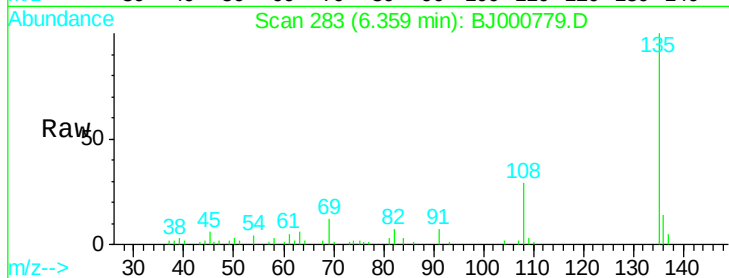
Tgt Ion:135 Resp: 315840

Ion Ratio Lower Upper

135 100

108 29.0 11.0 51.0

69 12.4 0.0 34.2

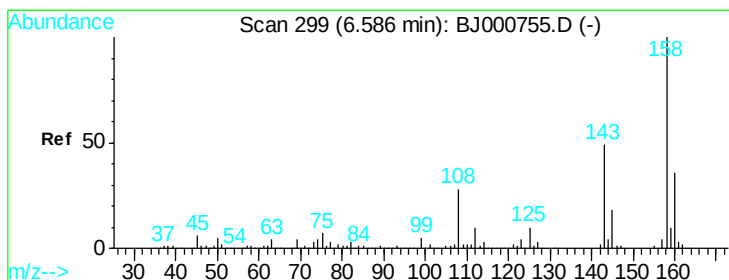
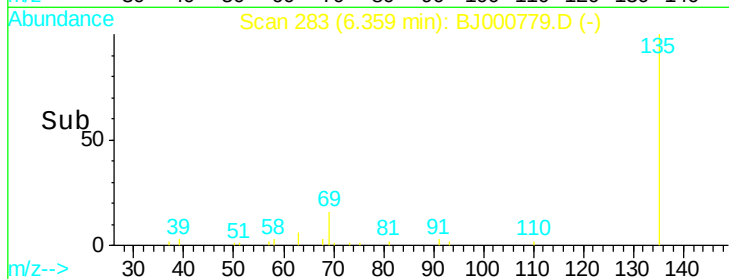
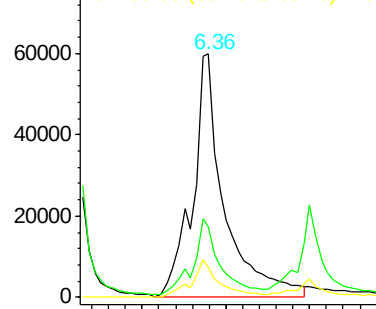


Abundance

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: 0.96 ug/mL

RT: 6.60 min Scan# 300

Delta R.T. -0.00 min

Lab File: BJ000779.D

Acq: 26 Apr 2012 13:34

Tgt Ion:158 Resp: 222198

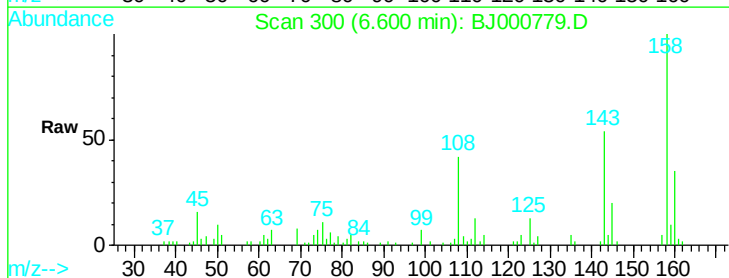
Ion Ratio Lower Upper

158 100

143 53.9 31.4 71.4

108 42.1 15.5 55.5

45 16.3 0.0 32.2



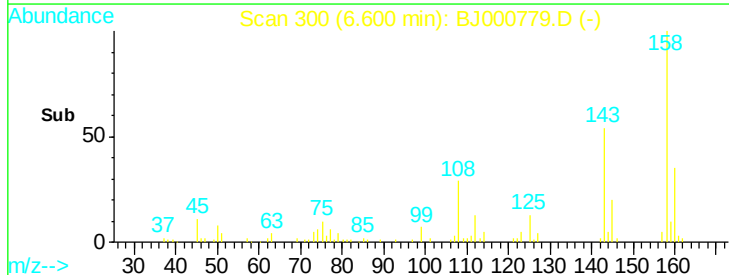
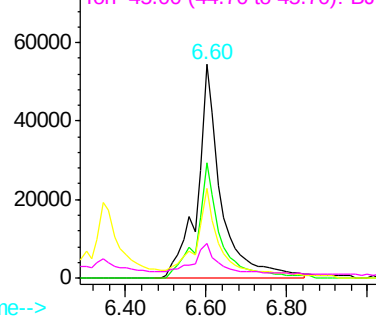
Abundance

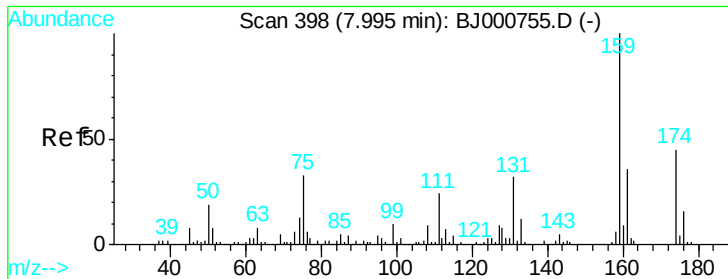
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

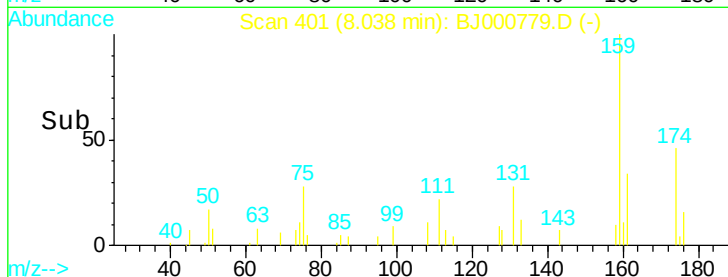
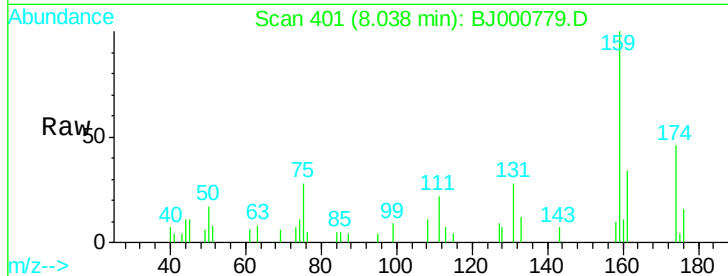
Ion 45.00 (44.70 to 45.70): BJ0





#13
 p-Chlorophenylmethylsulfoxide
 Concen: 0.75 ug/mL
 RT: 8.04 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: BJ000779.D
 Acq: 26 Apr 2012 13:34

Tgt Ion:	159	Resp:	89919
Ion	Ratio	Lower	Upper
159	100		
174	48.7	31.3	71.3
108	11.6	0.0	31.3
50	13.5	0.0	35.6



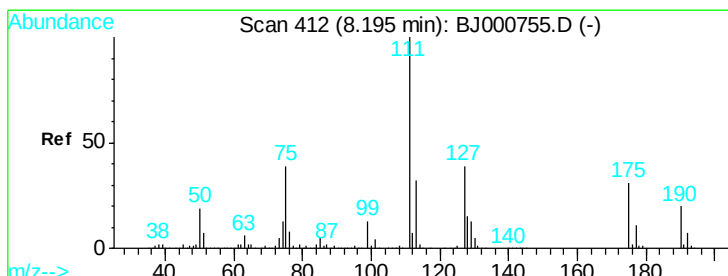
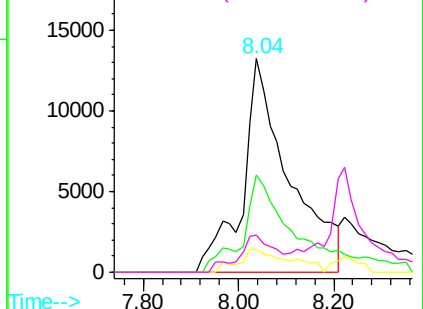
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

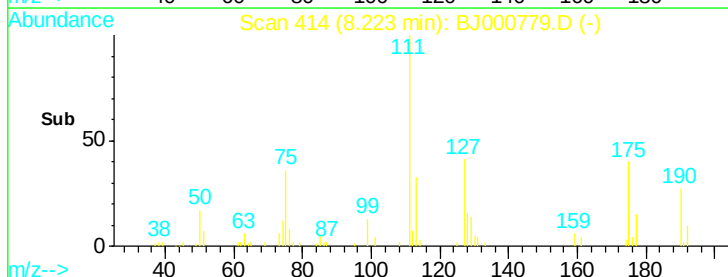
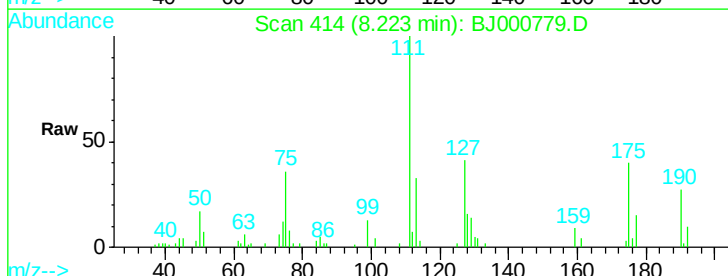
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
 p-Chlorophenylmethylsulfone
 Concen: 0.83 ug/mL
 RT: 8.22 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BJ000779.D
 Acq: 26 Apr 2012 13:34

Tgt Ion:	111	Resp:	149770
Ion	Ratio	Lower	Upper
111	100		
75	36.1	14.1	54.1
127	41.4	21.7	61.7
190	27.3	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

