

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001306.D
 Acq On : 27 Nov 2012 17:57
 Operator : HLM
 Sample : D4921-07
 Misc : WATER BNA_J HLM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CCDM163A-111912

Quant Time: Dec 05 03:16:57 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:50:43 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	262328	2.50	ug/mL	0.00
6) Naphthalene-d8	5.63	136	1112907	2.50	ug/mL	0.02

System Monitoring Compounds						
10) Tripropylphosphate	6.71	99	223470	0.50	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
12) 2-Bromothioanisole	6.91	204	318590	4.30	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%

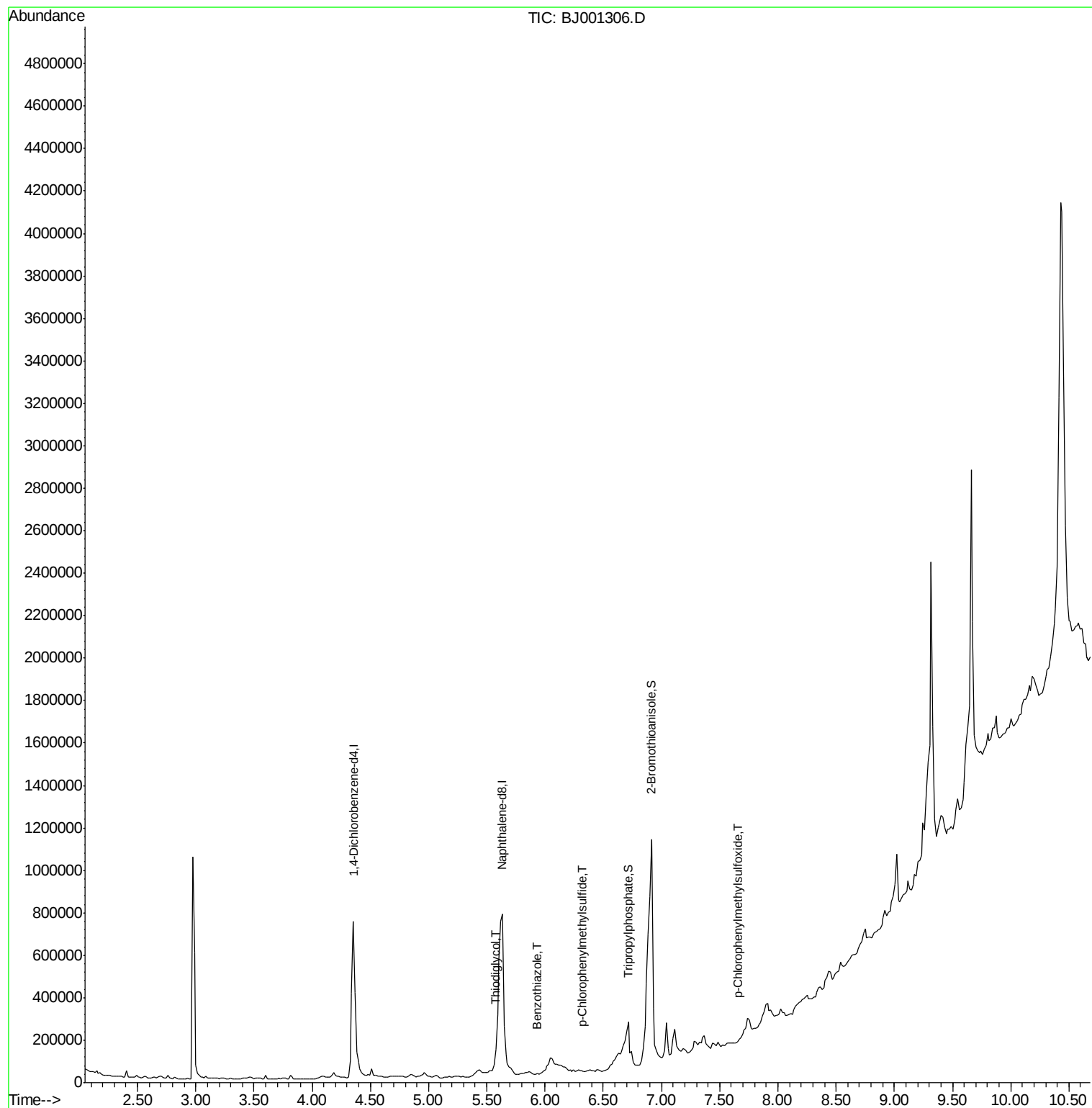
Target Compounds						Qvalue
8) Thiodiglycol	5.58	61	889	0.01	ug/mL#	1
9) Benzothiazole	5.93	135	2420	0.01	ug/mL#	1
11) p-Chlorophenylmethyldisulfide	6.32	158	808	0.01	ug/mL#	44
13) p-Chlorophenylmethyldisulfoxide	7.65	159	1037	0.01	ug/mL#	18

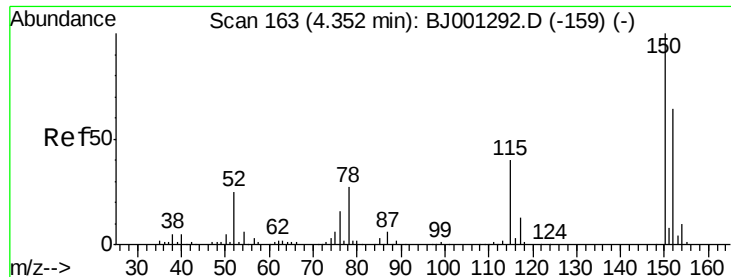
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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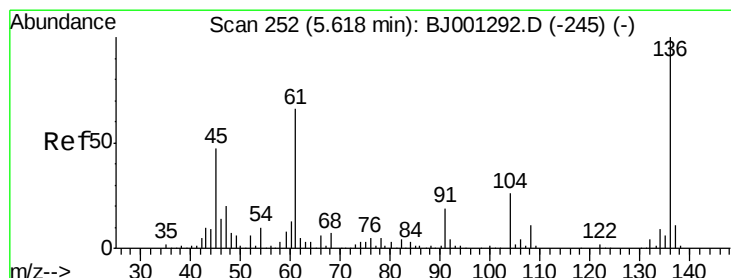
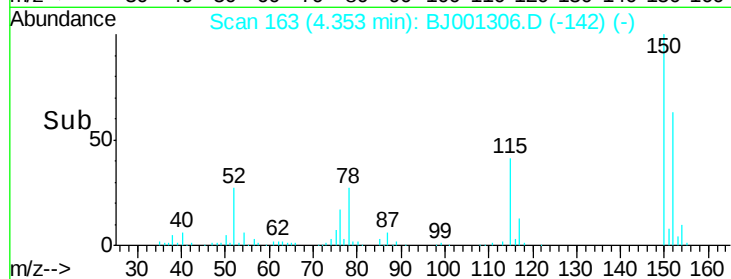
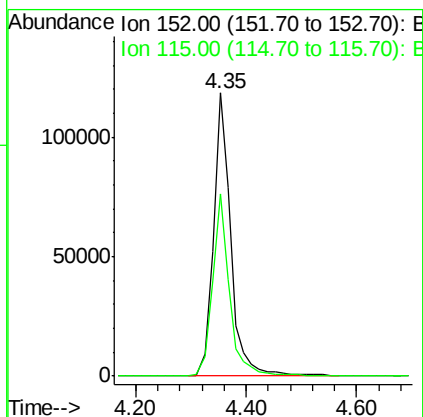
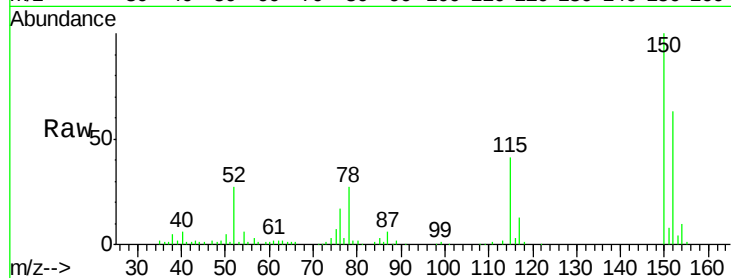


#1

1,4-Dichlorobenzene-d4
Concen: 2.50 ug/mL
RT: 4.35 min Scan# 163
Delta R.T. 0.00 min
Lab File: BJ001306.D
Acq: 27 Nov 2012 17:57

Instrument :
BNA_J
ClientSampleId :
CCDM163A-111912

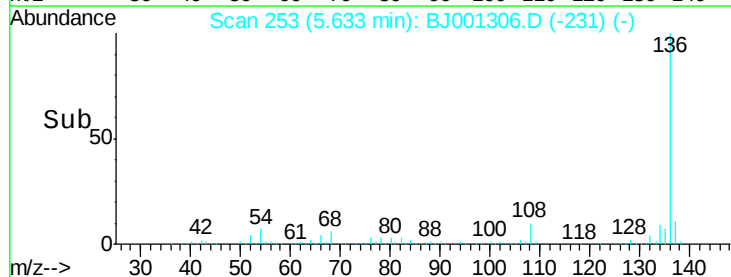
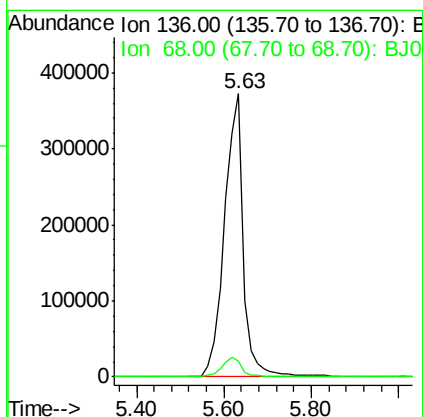
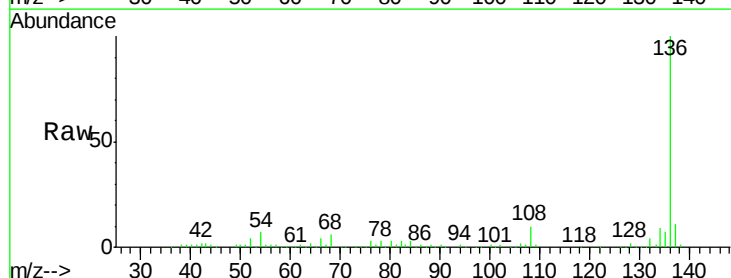
Tgt Ion:152 Resp: 262328
Ion Ratio Lower Upper
152 100
115 64.3 42.9 82.9

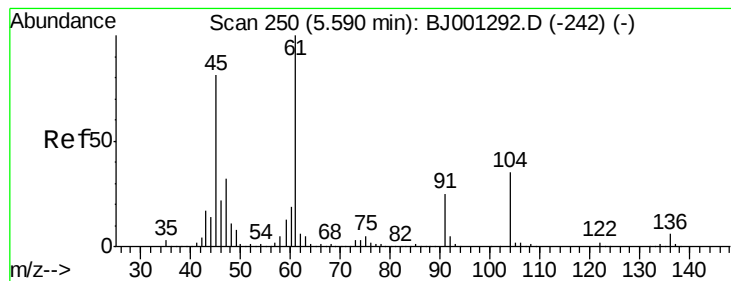


#6

Naphthalene-d8
Concen: 2.50 ug/mL
RT: 5.63 min Scan# 253
Delta R.T. 0.02 min
Lab File: BJ001306.D
Acq: 27 Nov 2012 17:57

Tgt Ion:136 Resp: 1112907
Ion Ratio Lower Upper
136 100
68 5.7 0.0 26.8





#8

Thiodiglycol

Concen: 0.01 ug/mL

RT: 5.58 min Scan# 249

Delta R.T. -0.01 min

Lab File: BJ001306.D

Acq: 27 Nov 2012 17:57

Instrument :

BNA_J

ClientSampleId :

CCDM163A-111912

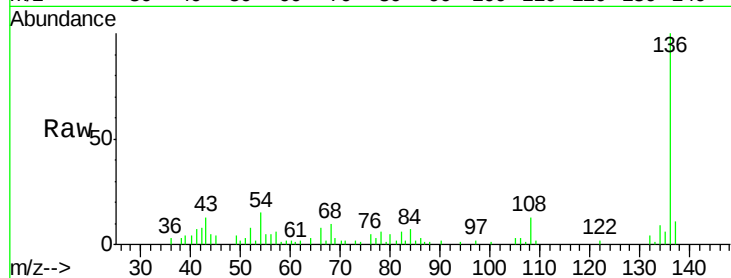
Tgt Ion: 61 Resp: 889

Ion Ratio Lower Upper

61 100

45 386.6 61.0 101.0#

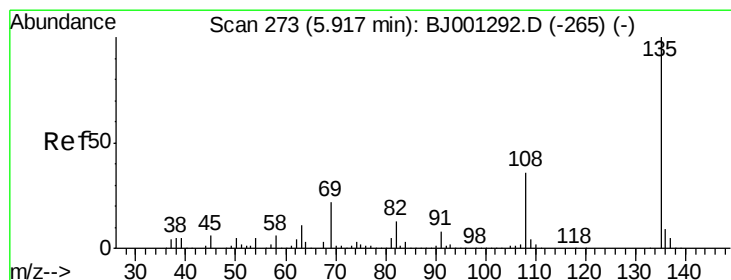
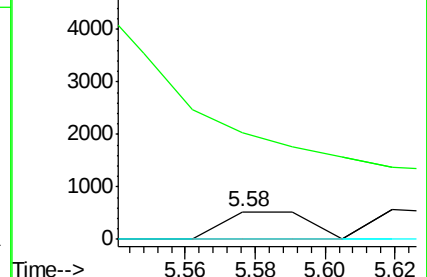
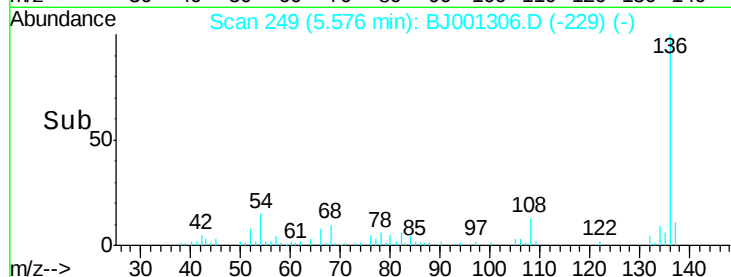
47 0.0 12.2 52.2#



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: 0.01 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001306.D

Acq: 27 Nov 2012 17:57

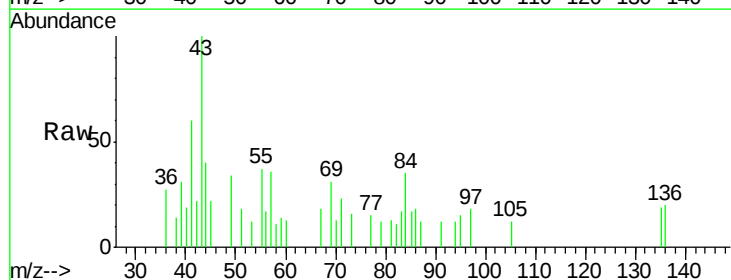
Tgt Ion: 135 Resp: 2420

Ion Ratio Lower Upper

135 100

108 0.0 15.7 55.7#

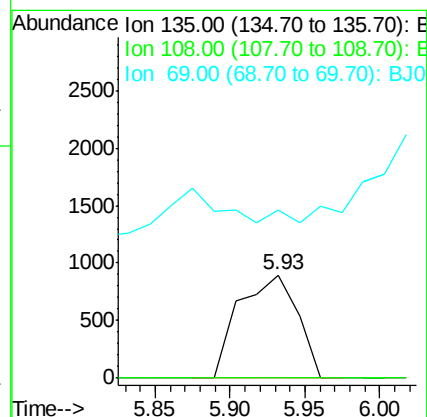
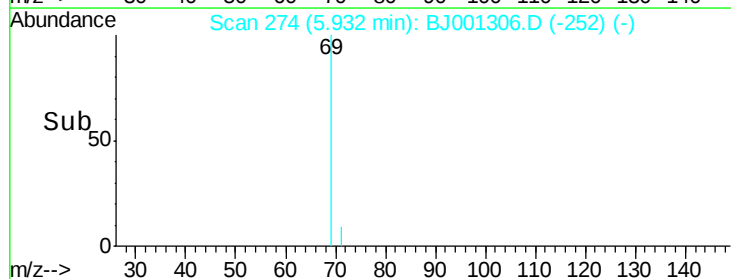
69 162.0 2.2 42.2#

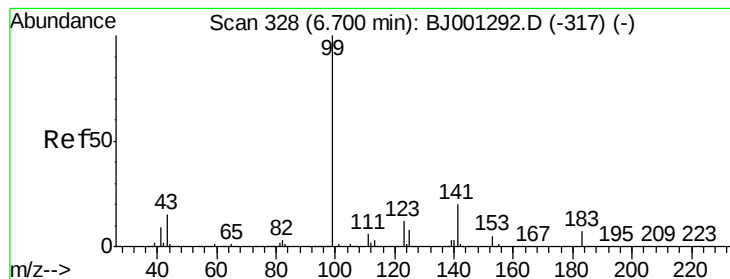


Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0





#10

Tripropylphosphate

Concen: 0.50 ug/mL

RT: 6.71 min Scan# 329

Delta R.T. 0.02 min

Lab File: BJ001306.D

Acq: 27 Nov 2012 17:57

Instrument :

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ClientSampleId :

CCDM163A-111912

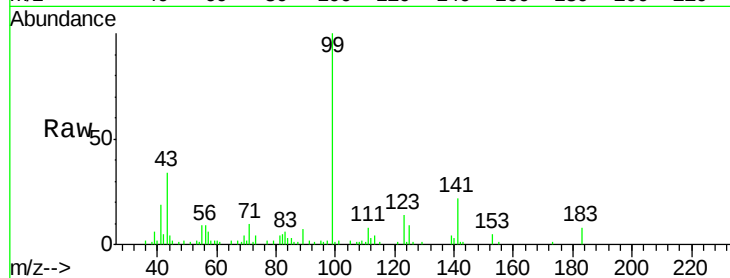
Tgt Ion: 99 Resp: 223470

Ion Ratio Lower Upper

99 100

141 18.3 13.5 20.3

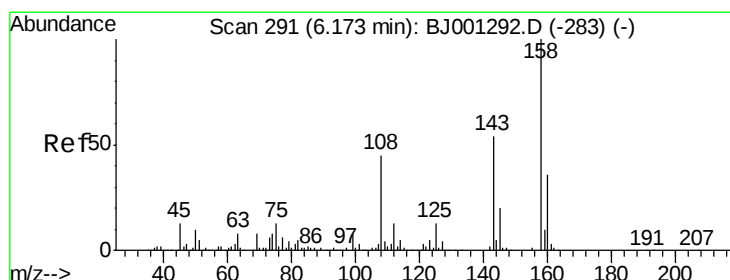
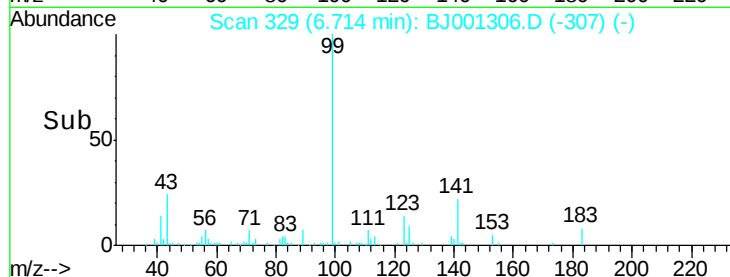
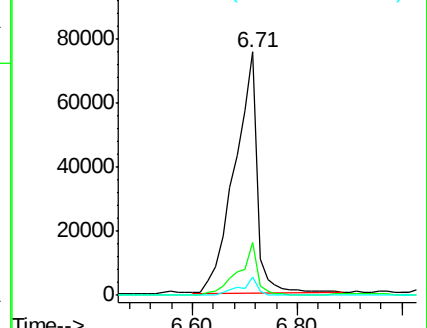
183 5.5 4.3 6.5



Abundance Ion 99.00 (98.70 to 99.70): BJ0

Ion 141.00 (140.70 to 141.70): E

Ion 183.00 (182.70 to 183.70): E



#11

p-Chlorophenylmethylsulfide

Concen: 0.01 ug/mL

RT: 6.32 min Scan# 301

Delta R.T. 0.14 min

Lab File: BJ001306.D

Acq: 27 Nov 2012 17:57

Tgt Ion: 158 Resp: 808

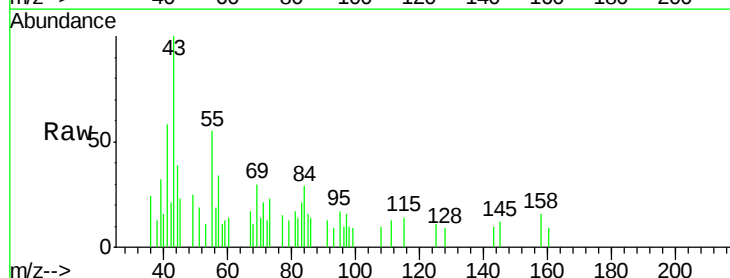
Ion Ratio Lower Upper

158 100

143 64.0 34.4 74.4

108 62.8 25.3 65.3

45 139.9 0.0 34.7#

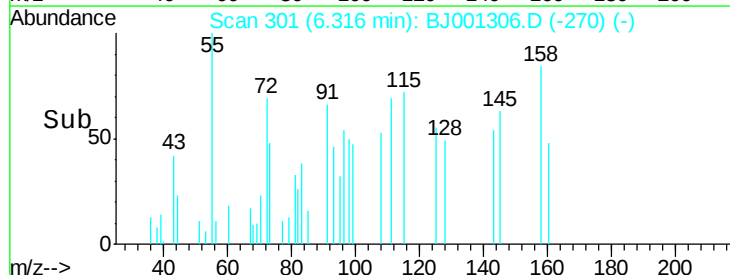
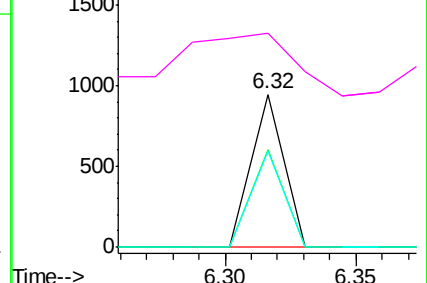


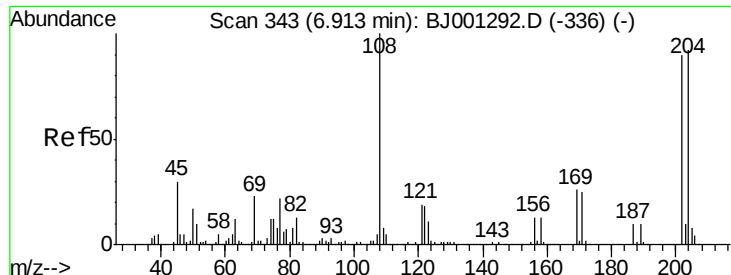
Abundance Ion 158.00 (157.70 to 158.70): E

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

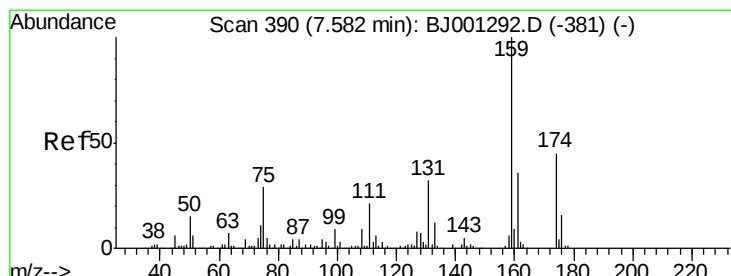
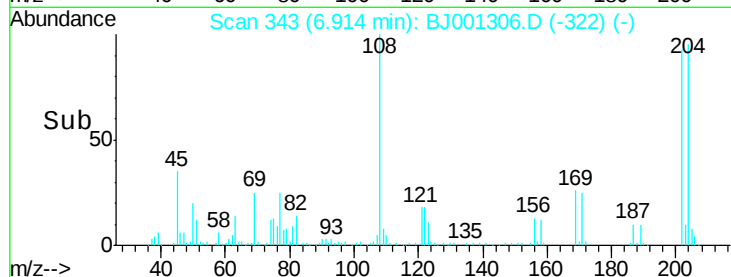
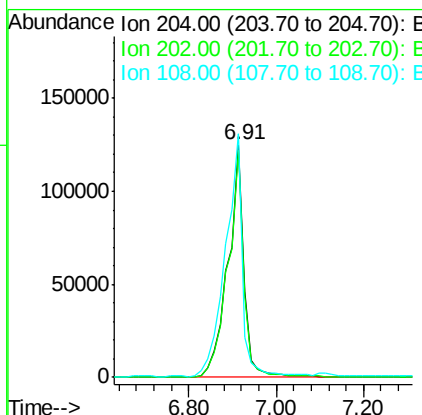
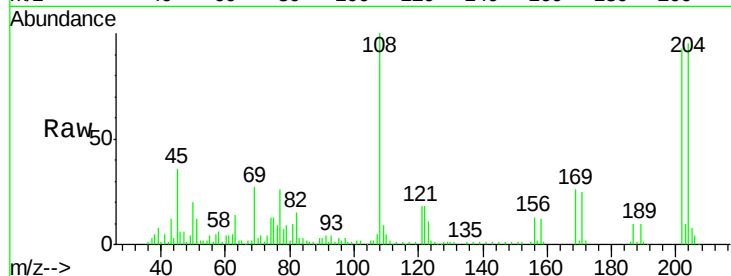




#12
 2-Bromothioanisole
 Concen: 4.30 ug/mL
 RT: 6.91 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: BJ001306.D
 Acq: 27 Nov 2012 17:57

Instrument :
 BNA_J
 ClientSampleId :
 CCDM163A-111912

Tgt Ion: 204 Resp: 318590
 Ion Ratio Lower Upper
 204 100
 202 97.9 77.8 117.8
 108 104.8 88.3 128.3



#13
 p-Chlorophenylmethylsulfoxide
 Concen: 0.01 ug/mL
 RT: 7.65 min Scan# 395
 Delta R.T. 0.07 min
 Lab File: BJ001306.D
 Acq: 27 Nov 2012 17:57

Tgt Ion: 159 Resp: 1037
 Ion Ratio Lower Upper
 159 100
 174 0.0 25.2 65.2#
 108 90.5 0.0 30.3#
 50 0.0 5.6 45.6#

