

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001300.D
 Acq On : 27 Nov 2012 16:14
 Operator : HLM
 Sample : D4921-01
 Misc : WATER BNA_J HLM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CC23A-112012

Quant Time: Dec 05 03:13:34 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	325424	2.50	ug/mL	0.00
6) Naphthalene-d8	5.62	136	1383014	2.50	ug/mL	0.00

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	219670	0.40	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	80.00%
12) 2-Bromothioanisole	6.91	204	298274	3.24	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.80%#

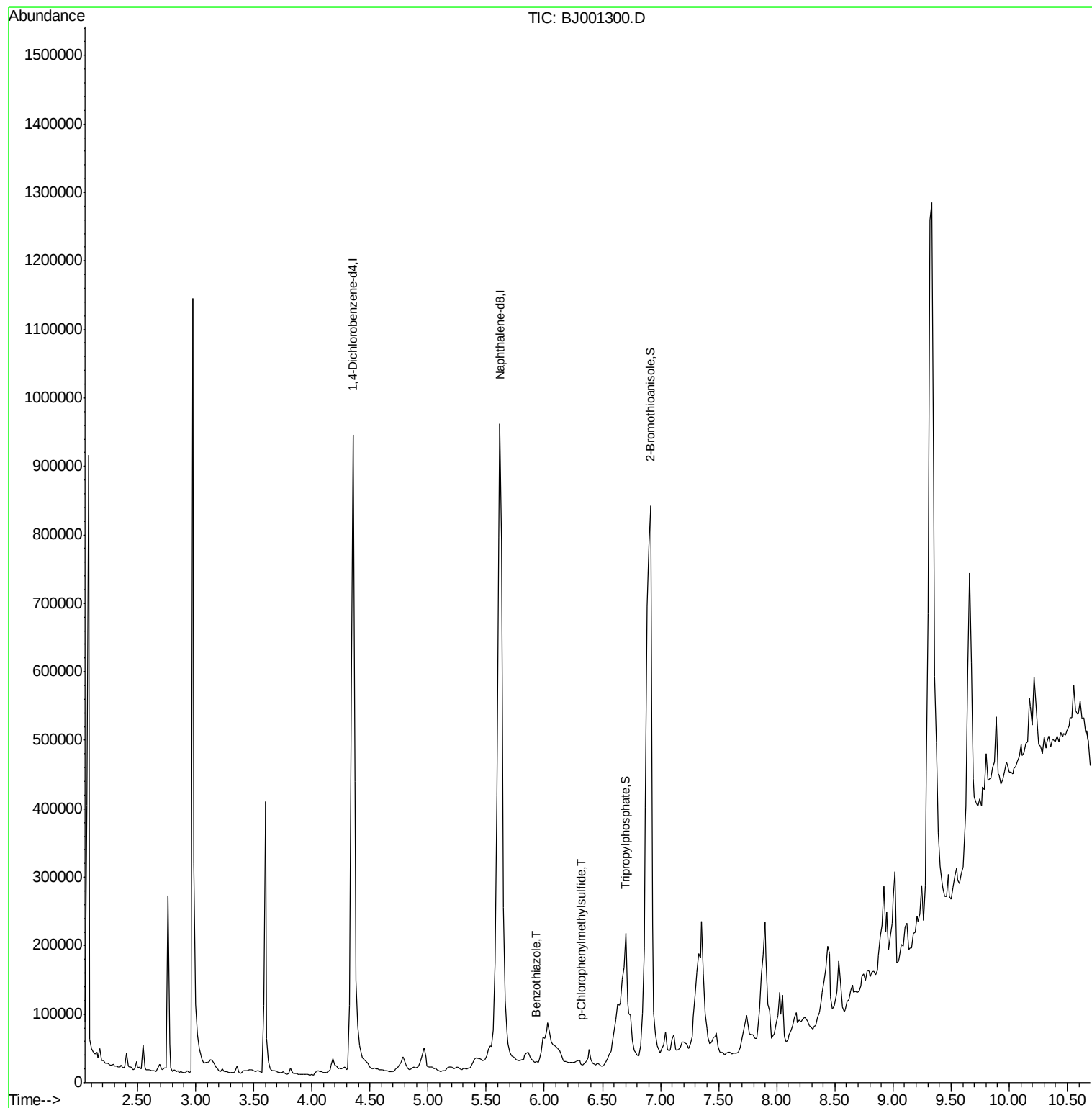
Target Compounds						Qvalue
9) Benzothiazole	5.93	135	1134	0.00	ug/mL#	1
11) p-Chlorophenylmethanethiol	6.32	158	1047	0.01	ug/mL#	1

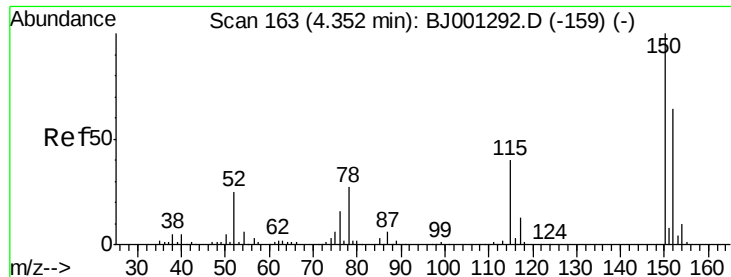
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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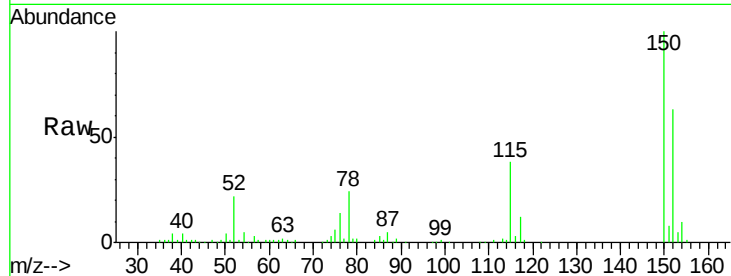


#1

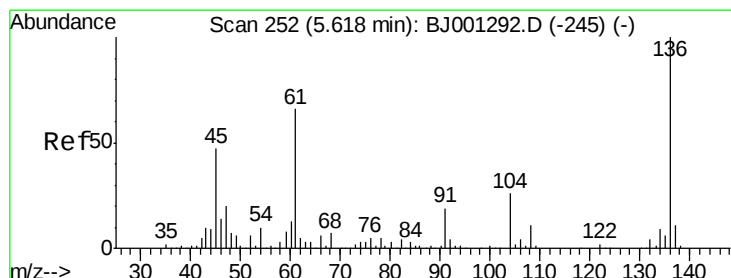
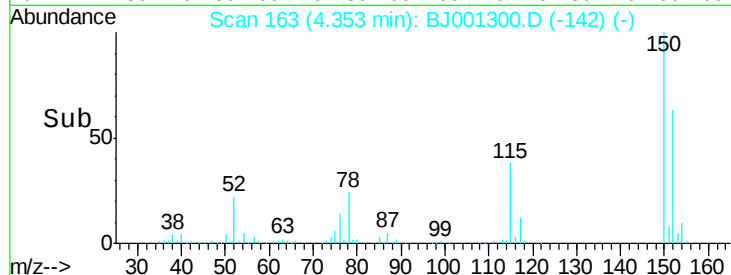
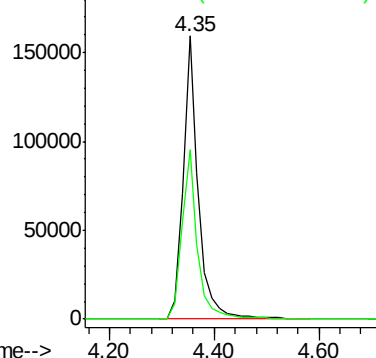
1,4-Dichlorobenzene-d4
 Concen: 2.50 ug/mL
 RT: 4.35 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BJ001300.D
 Acq: 27 Nov 2012 16:14

Instrument :
 BNA_J
 ClientSampleId :
 CC23A-112012

Tgt Ion:152 Resp: 325424
 Ion Ratio Lower Upper
 152 100
 115 60.0 42.9 82.9



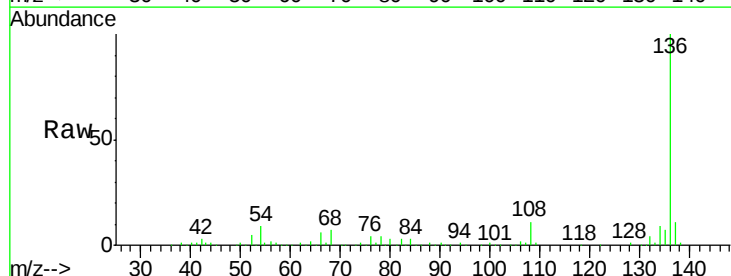
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 115.00 (114.70 to 115.70): E



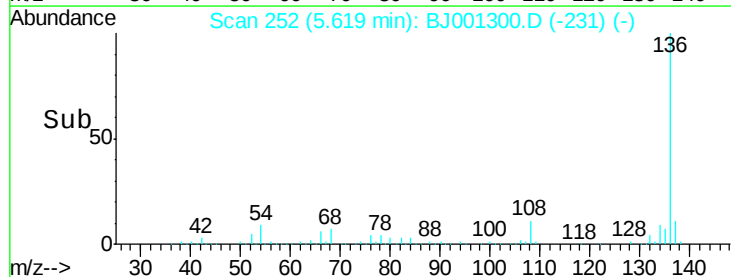
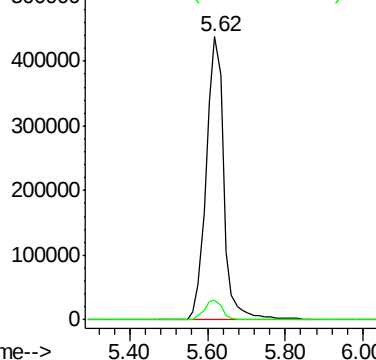
#6

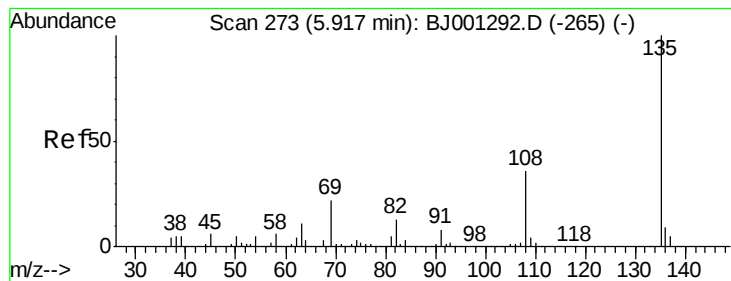
Naphthalene-d8
 Concen: 2.50 ug/mL
 RT: 5.62 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: BJ001300.D
 Acq: 27 Nov 2012 16:14

Tgt Ion:136 Resp: 1383014
 Ion Ratio Lower Upper
 136 100
 68 6.9 0.0 26.8



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 68.00 (67.70 to 68.70): BJ0





#9

Benzothiazole

Concen: 0.00 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001300.D

Acq: 27 Nov 2012 16:14

Instrument :

BNA_J

ClientSampleId :

CC23A-112012

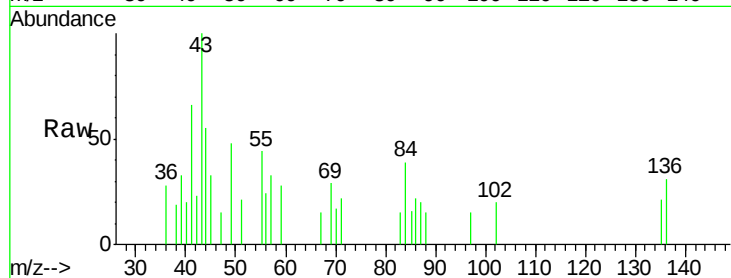
Tgt Ion: 135 Resp: 1134

Ion Ratio Lower Upper

135 100

108 0.0 15.7 55.7#

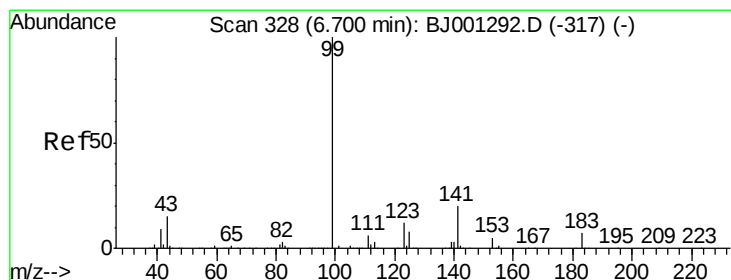
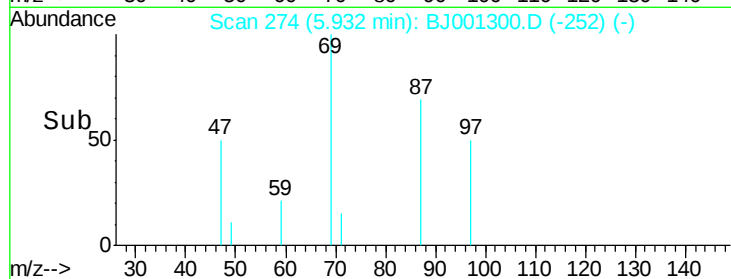
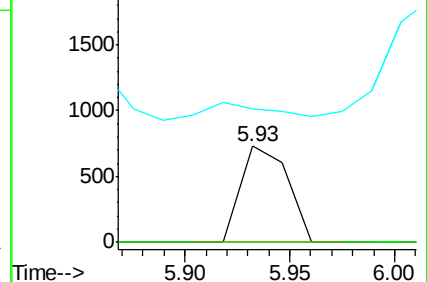
69 138.7 2.2 42.2#



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): BJO



#10

Tripropylphosphate

Concen: 0.40 ug/mL

RT: 6.70 min Scan# 328

Delta R.T. 0.00 min

Lab File: BJ001300.D

Acq: 27 Nov 2012 16:14

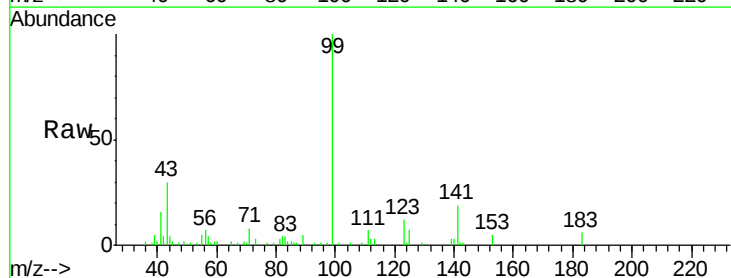
Tgt Ion: 99 Resp: 219670

Ion Ratio Lower Upper

99 100

141 16.3 13.5 20.3

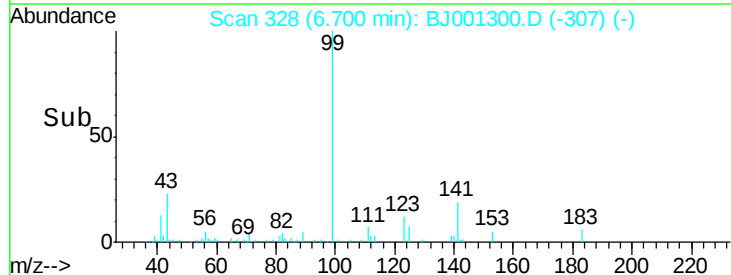
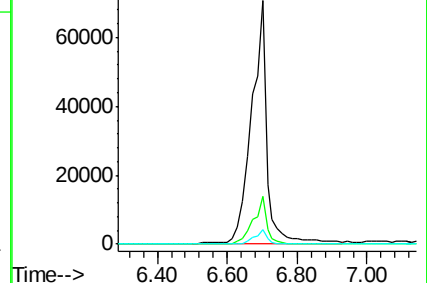
183 4.6 4.3 6.5

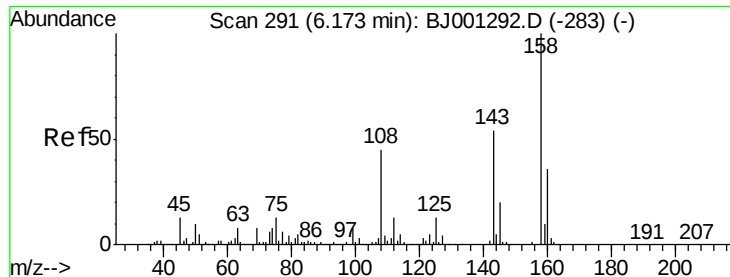


Abundance Ion 99.00 (98.70 to 99.70): BJO

Ion 141.00 (140.70 to 141.70): E

Ion 183.00 (182.70 to 183.70): E

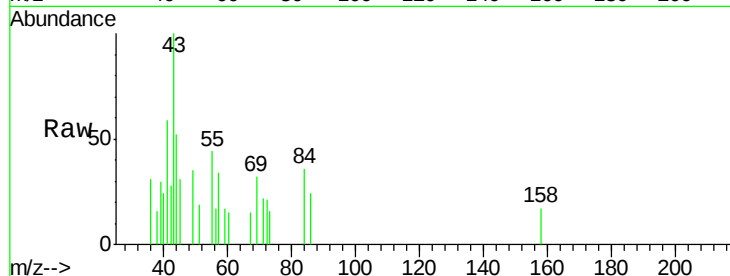




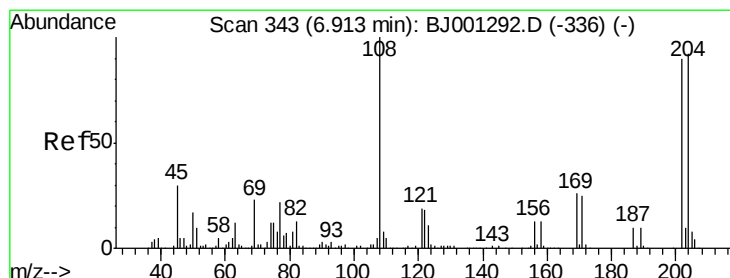
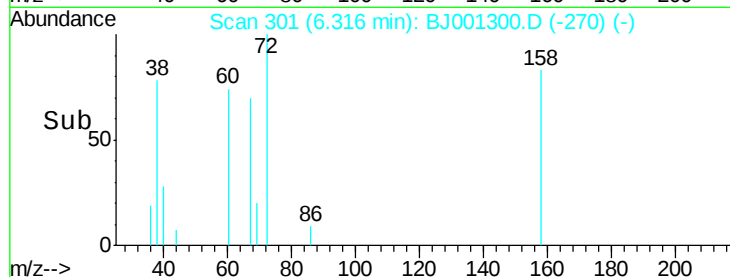
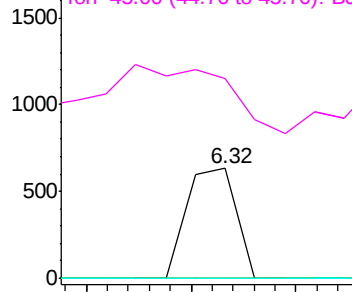
#11
p-Chlorophenylmethylsulfide
Concen: 0.01 ug/mL
RT: 6.32 min Scan# 301
Delta R.T. 0.14 min
Lab File: BJ001300.D
Acq: 27 Nov 2012 16:14

Instrument :
BNA_J
ClientSampleId :
CC23A-112012

Tgt Ion:158 Resp: 1047
Ion Ratio Lower Upper
158 100
143 0.0 34.4 74.4#
108 0.0 25.3 65.3#
45 182.3 0.0 34.7#

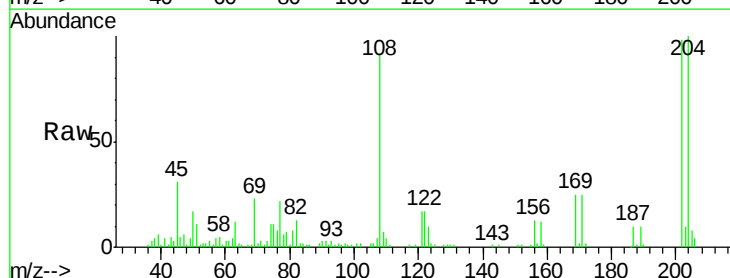


Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0



#12
2-Bromothioanisole
Concen: 3.24 ug/mL
RT: 6.91 min Scan# 343
Delta R.T. 0.00 min
Lab File: BJ001300.D
Acq: 27 Nov 2012 16:14

Tgt Ion:204 Resp: 298274
Ion Ratio Lower Upper
204 100
202 97.6 77.8 117.8
108 90.7 88.3 128.3



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 202.00 (201.70 to 202.70): E
Ion 108.00 (107.70 to 108.70): E

