

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017008.D
 Acq On : 10 May 2015 2:10
 Operator : TP/IZ
 Sample : G2104-06
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-108

Quant Time: May 19 07:31:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

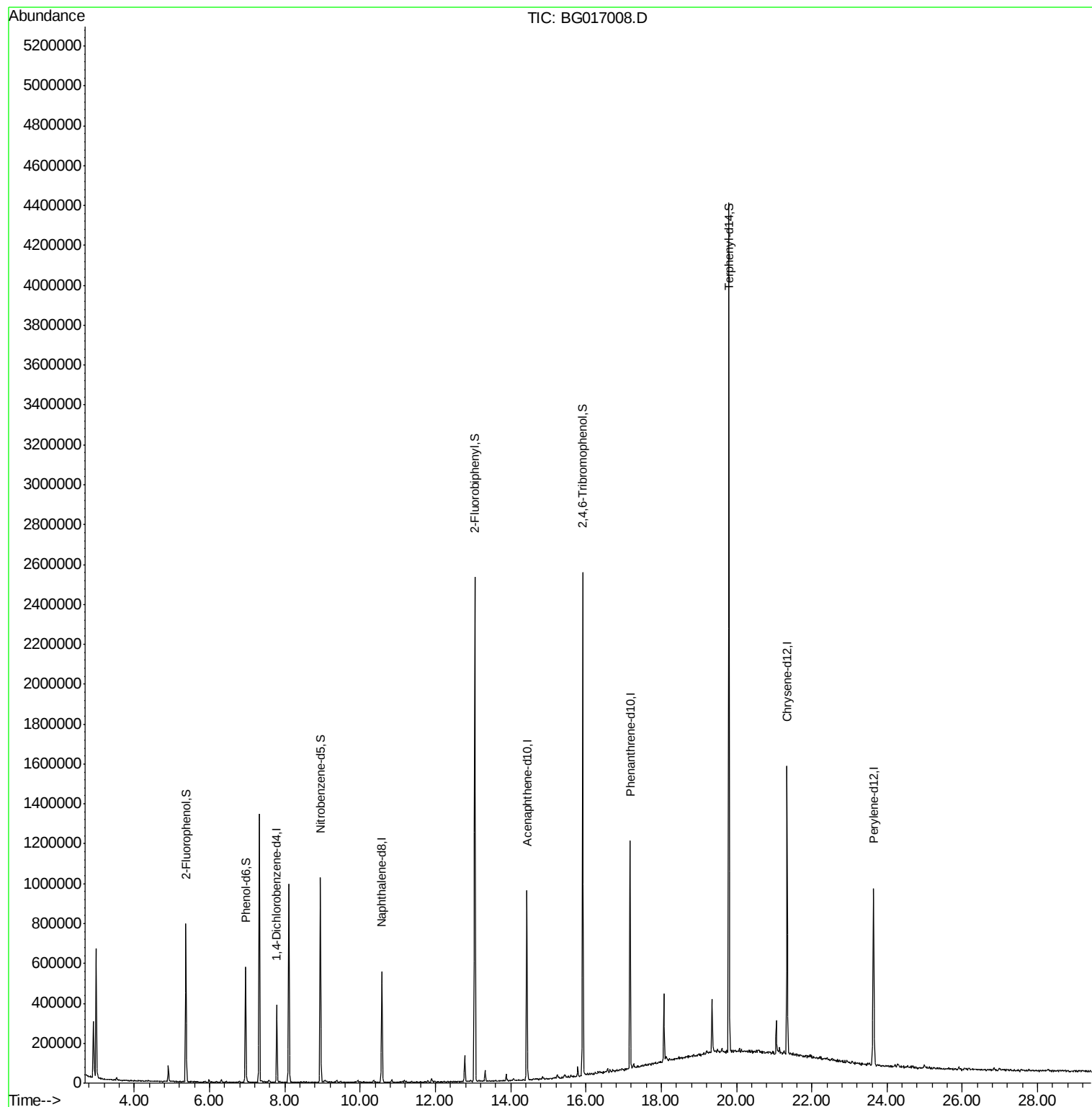
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	82961	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	402521	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	283343	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	617921	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	609996	20.00	ng	-0.02
86) Perylene-d12	23.64	264	606864	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	278371	58.43	ng	-0.01
7) Phenol-d6	6.96	99	265970	39.07	ng	0.00
23) Nitrobenzene-d5	8.95	82	539426	65.47	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	346214	121.71	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1141321	60.78	ng	-0.02
78) Terphenyl-d14	19.80	244	1596080	61.34	ng	-0.02
Target Compounds						
32) Benzoic acid	9.83	122	57	Below Cal	Qvalue #	51

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

MW-108

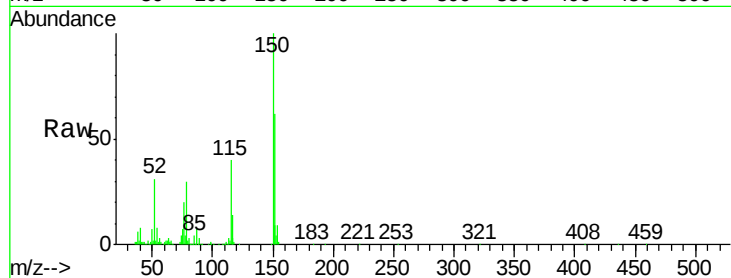
Tgt Ion:152 Resp: 82961

Ion Ratio Lower Upper

152 100

150 161.1 121.0 181.4

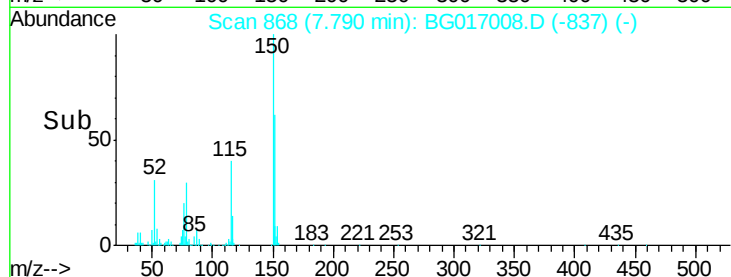
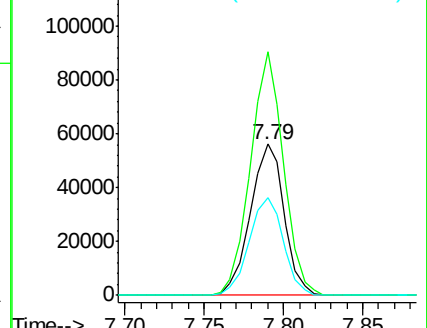
115 64.7 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 58.43 ng

RT: 5.38 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

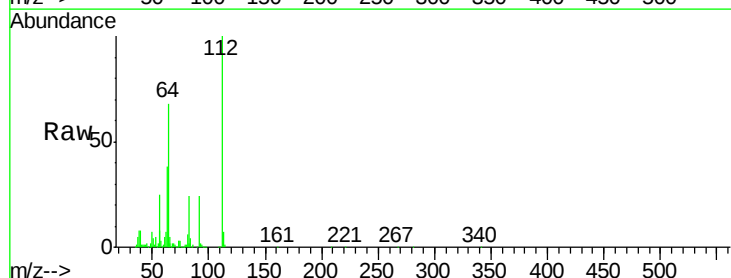
Tgt Ion:112 Resp: 278371

Ion Ratio Lower Upper

112 100

64 68.5 51.4 77.2

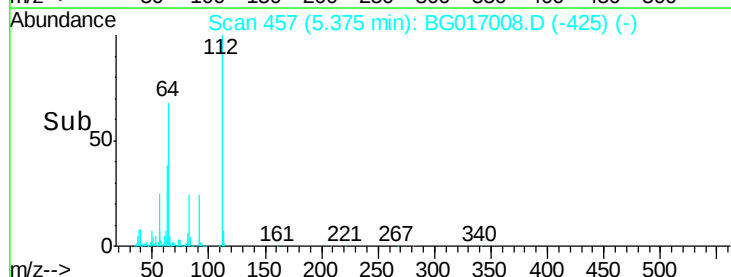
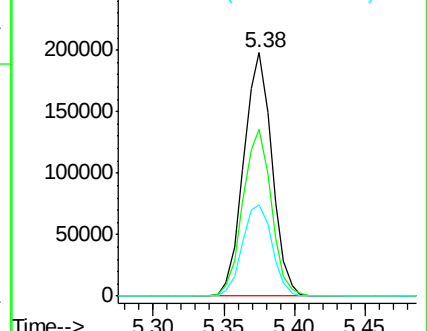
63 37.6 28.1 42.1

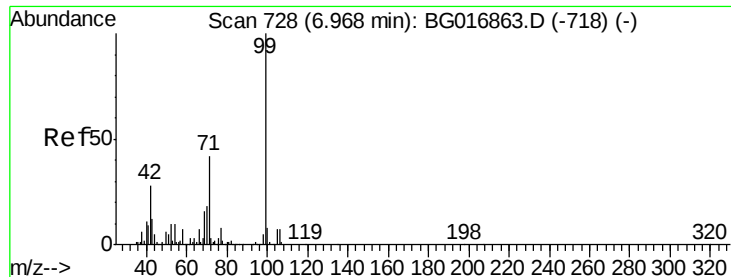


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.07 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

MW-108

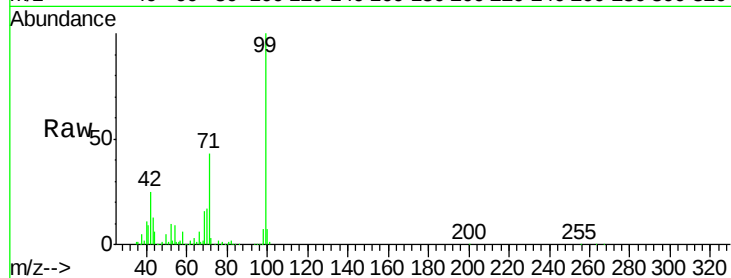
Tgt Ion: 99 Resp: 265970

Ion Ratio Lower Upper

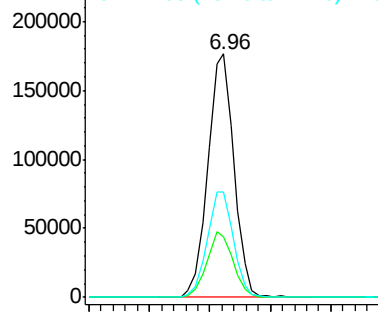
99 100

42 24.7 22.1 33.1

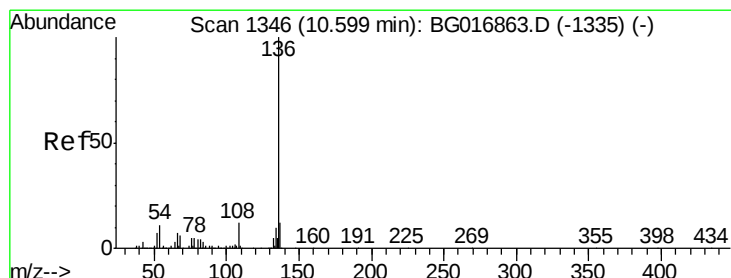
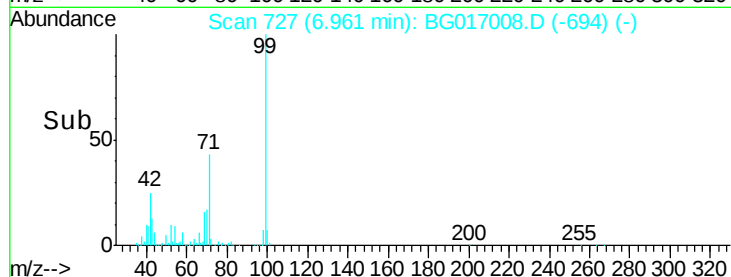
71 43.1 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time--> 6.85 6.90 6.95 7.00 7.05



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

Tgt Ion: 136 Resp: 402521

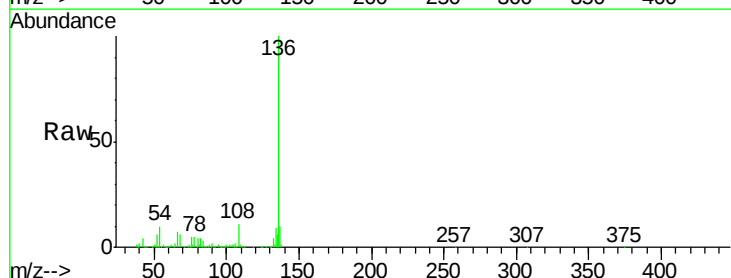
Ion Ratio Lower Upper

136 100

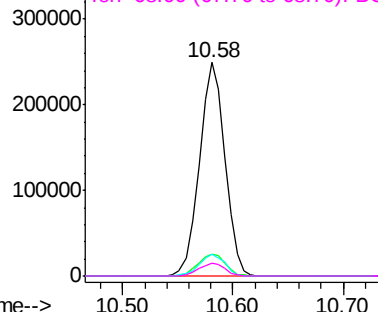
137 10.5 9.8 14.8

54 10.1 8.7 13.1

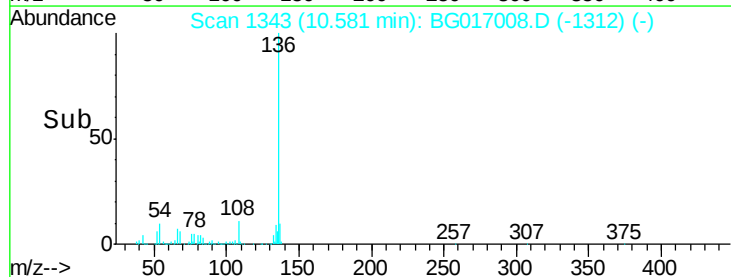
68 6.3 5.0 7.4

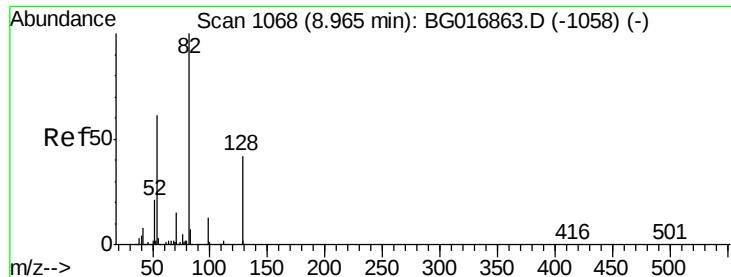


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.50 10.60 10.70

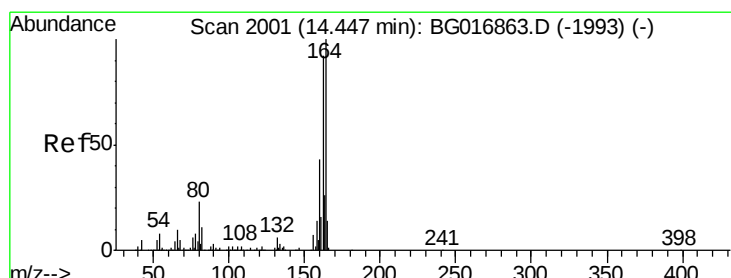
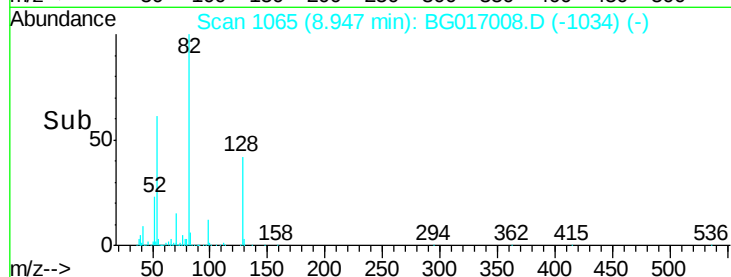
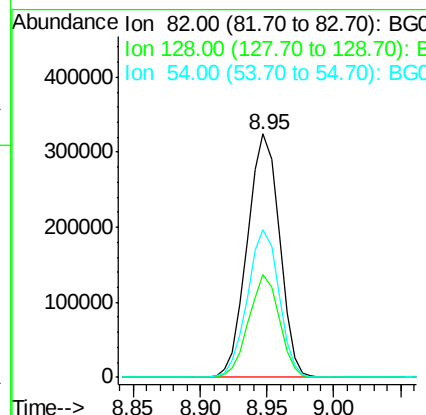
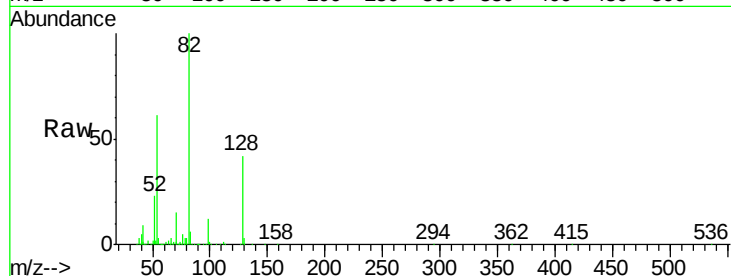




#23
 Nitrobenzene-d5
 Concen: 65.47 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

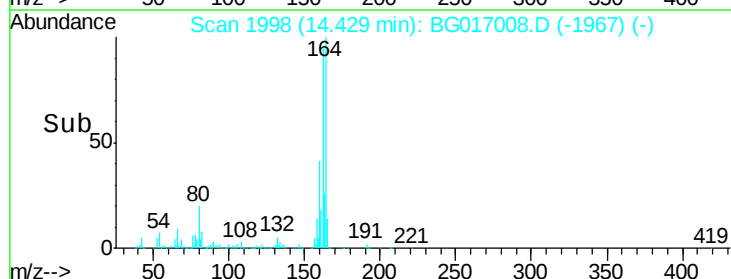
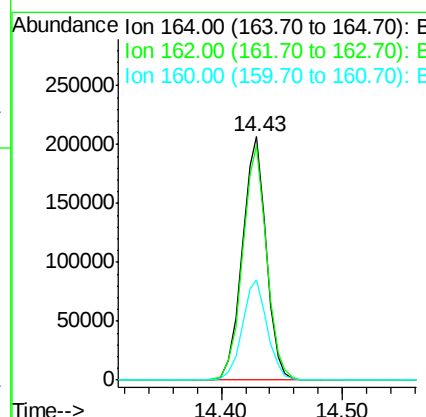
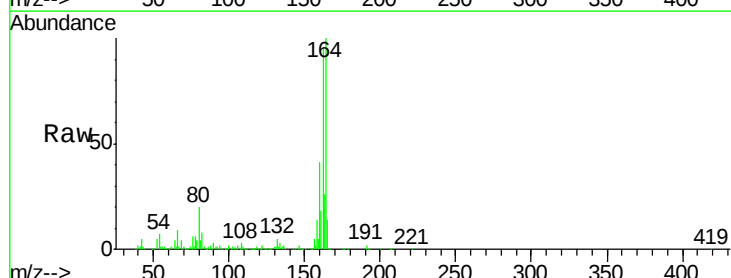
Instrument :
 BNA_G
 ClientSampleId :
 MW-108

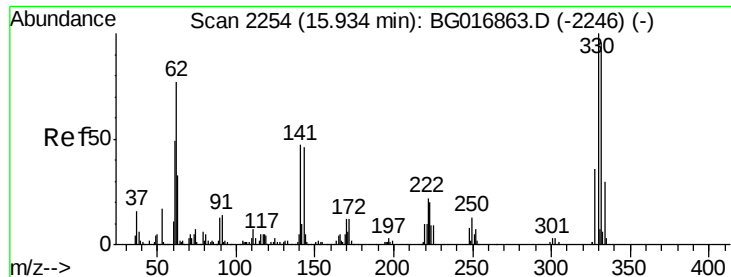
Tgt Ion: 82 Resp: 539426
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.2 49.8
 54 60.6 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

Tgt Ion: 164 Resp: 283343
 Ion Ratio Lower Upper
 164 100
 162 96.4 74.0 111.0
 160 41.2 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 121.71 ng

RT: 15.92 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

Instrument :

BNA_G

ClientSampleId :

MW-108

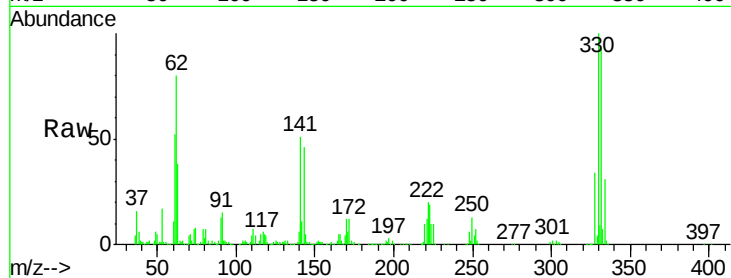
Tgt Ion:330 Resp: 346214

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

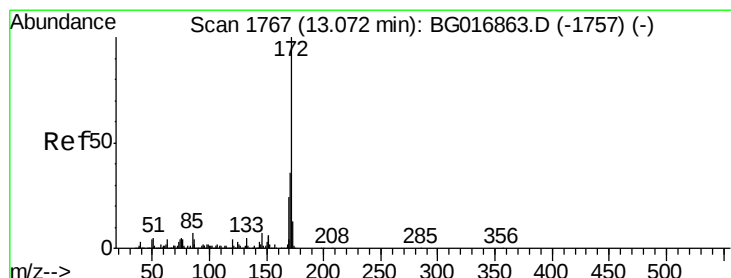
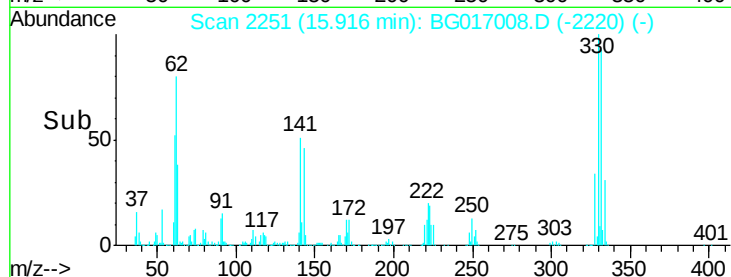
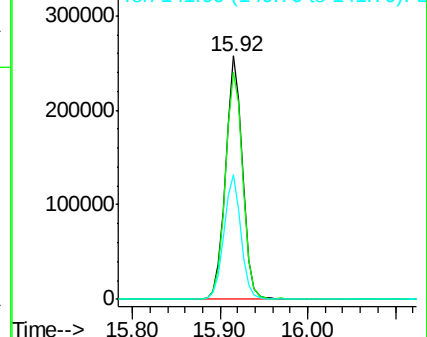
141 51.5 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 60.78 ng

RT: 13.05 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

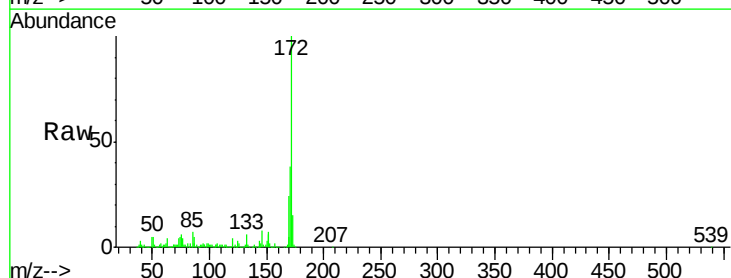
Tgt Ion:172 Resp: 1141321

Ion Ratio Lower Upper

172 100

171 38.1 29.0 43.4

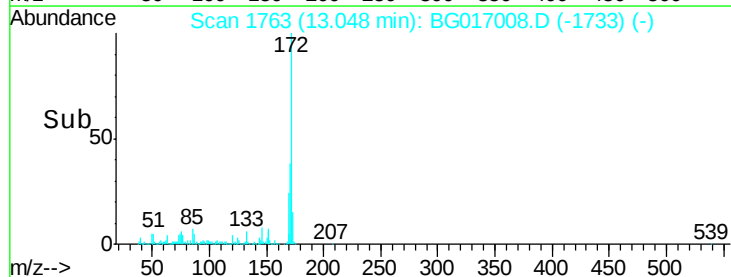
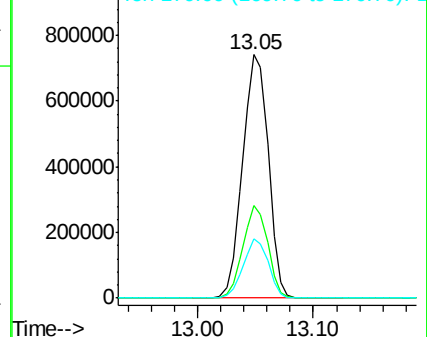
170 24.4 19.0 28.4

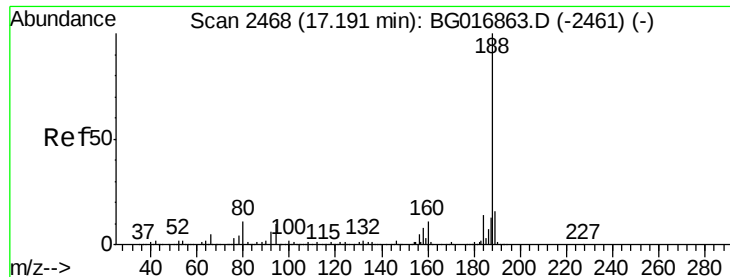


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

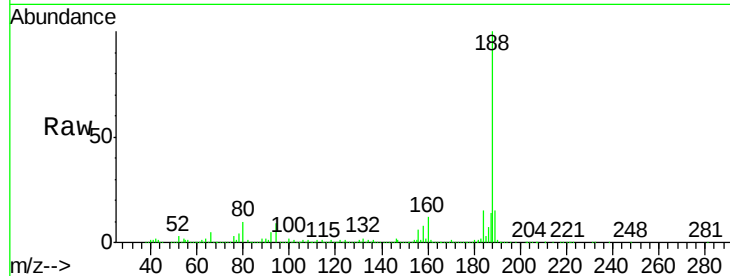




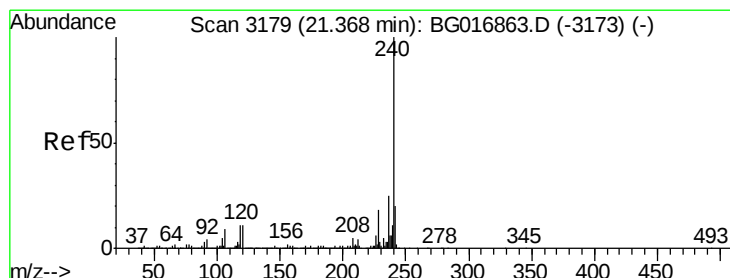
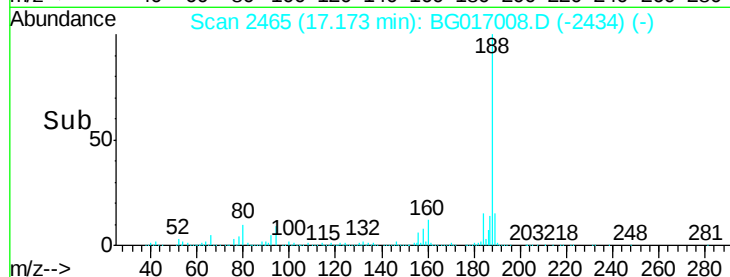
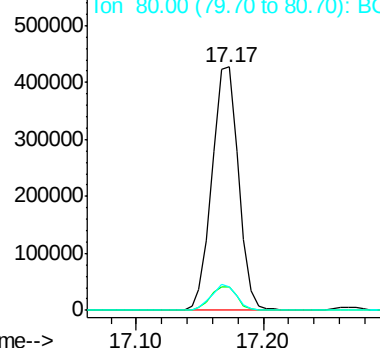
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

Instrument :
BNA_G
ClientSampled :
MW-108

Tgt Ion:188 Resp: 617921
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 9.7 8.8 13.2

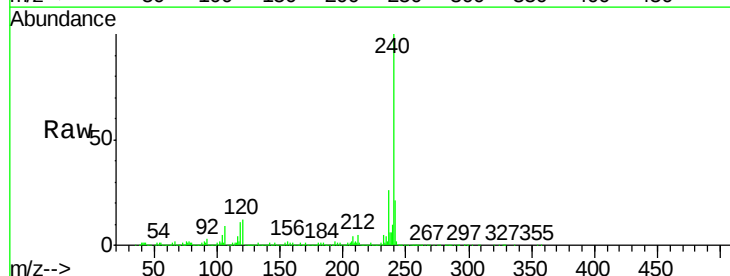


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

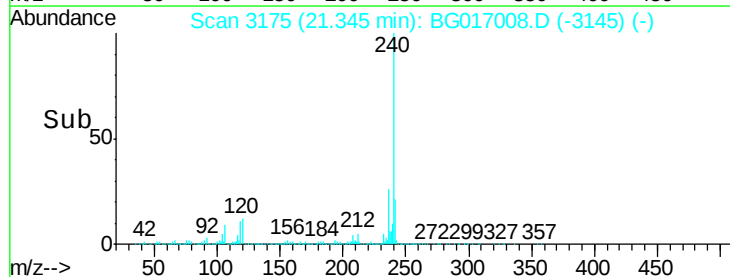
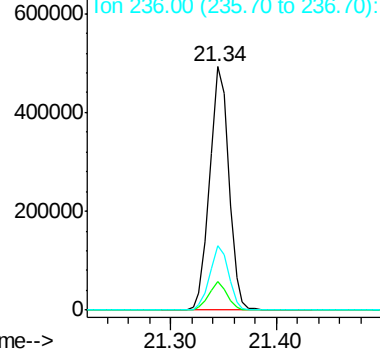


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

Tgt Ion:240 Resp: 609996
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 26.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

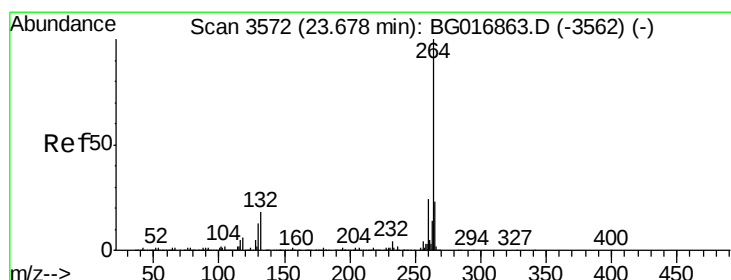
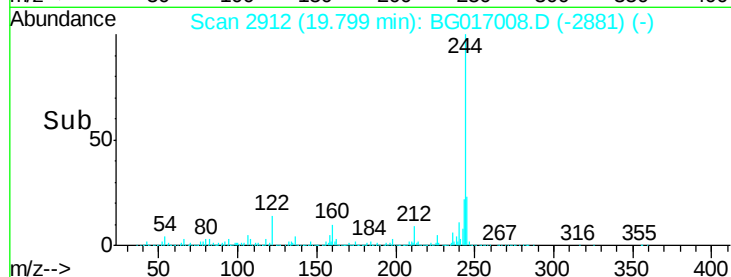
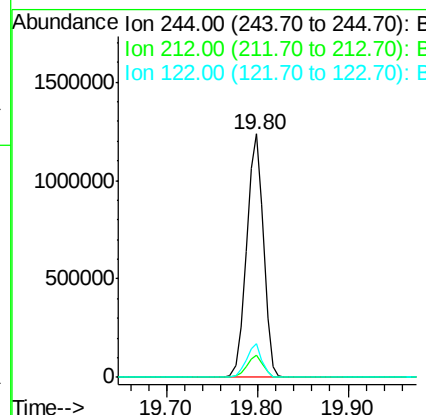
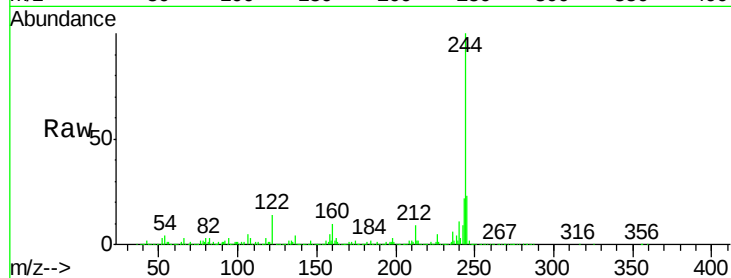




#78
 Terphenyl-d14
 Concen: 61.34 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

Instrument :
 BNA_G
 ClientSampleId :
 MW-108

Tgt Ion:244 Resp: 1596080
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 13.6 10.4 15.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3566
 Delta R.T. -0.04 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

Tgt Ion:264 Resp: 606864
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 18.5 27.7

