

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 11 05:49:02 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

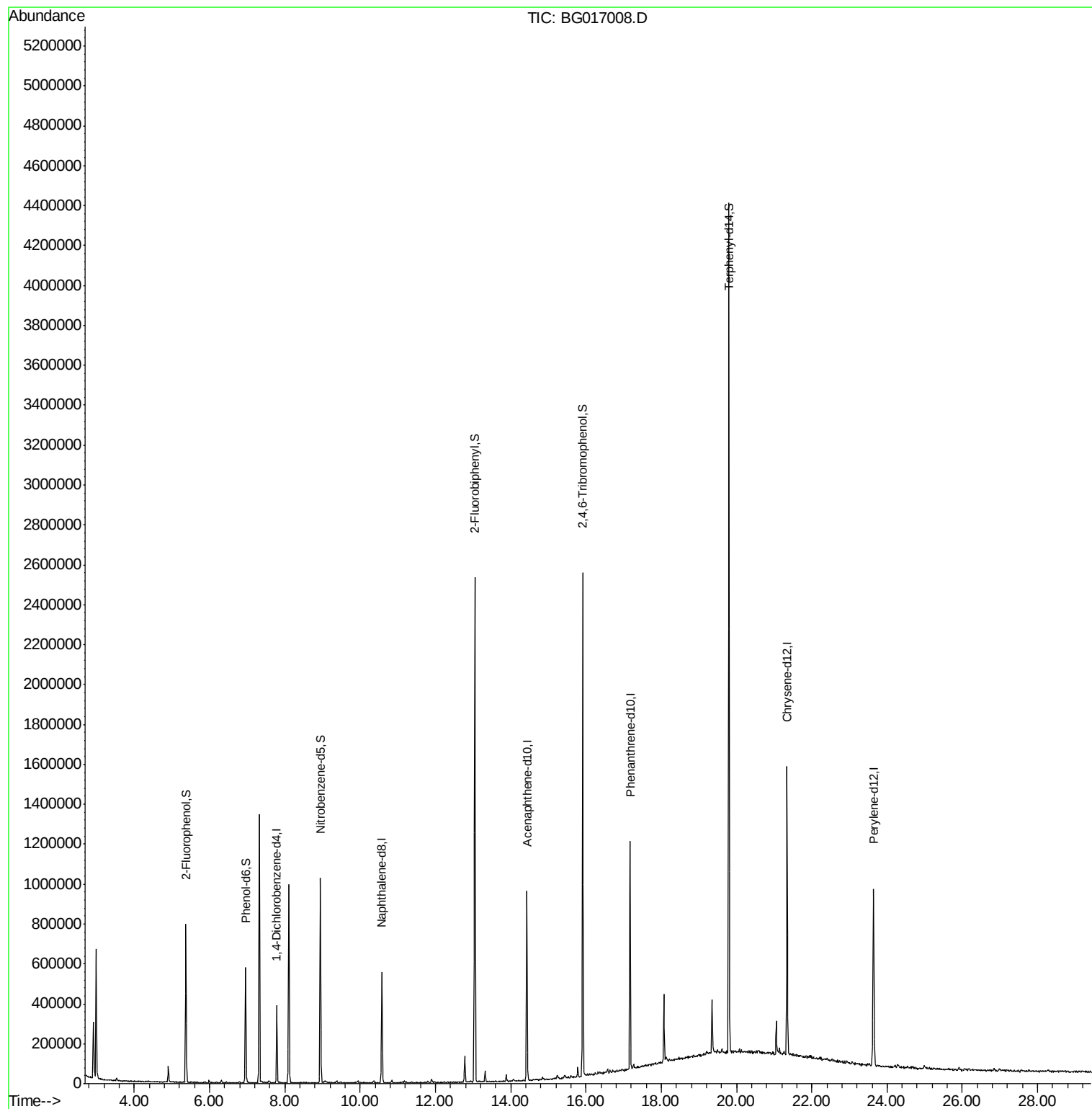
Target Compounds	Qvalue
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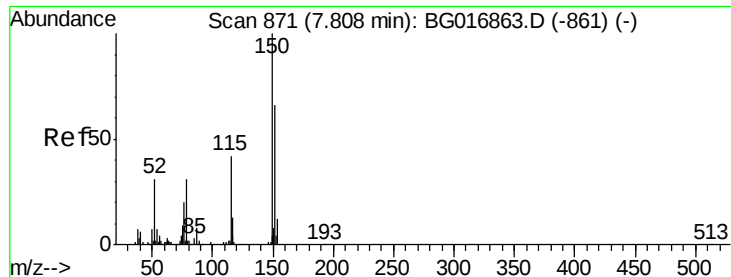
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

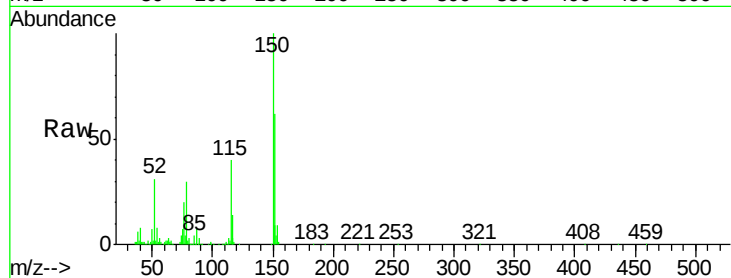
Tgt Ion:152 Resp: 82961

Ion Ratio Lower Upper

152 100

150 161.1 121.0 181.4

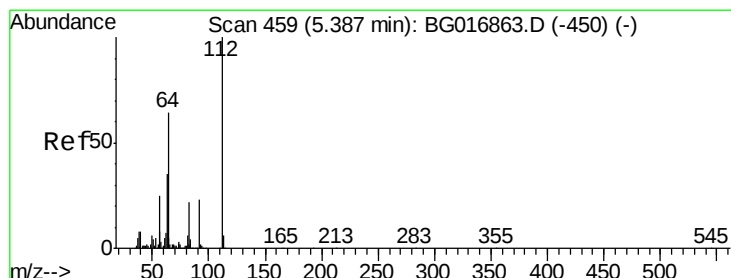
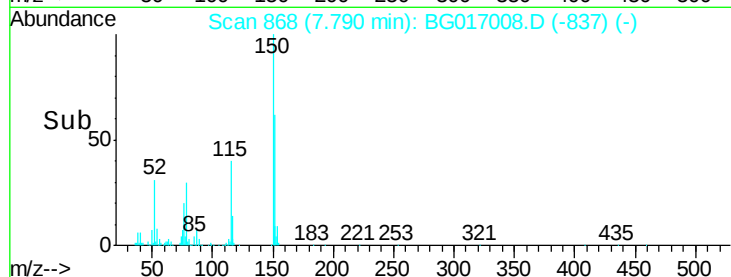
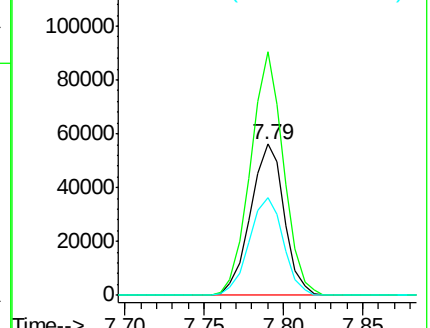
115 64.7 50.5 75.7



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

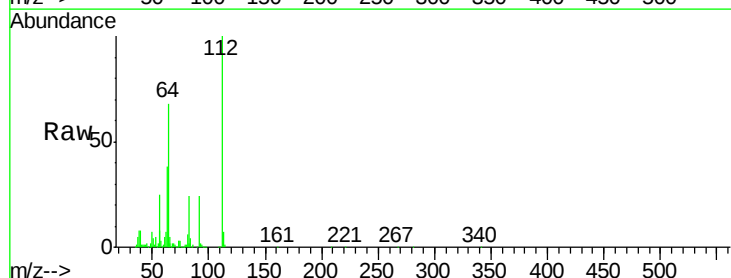
Tgt Ion:112 Resp: 278371

Ion Ratio Lower Upper

112 100

64 68.5 51.4 77.2

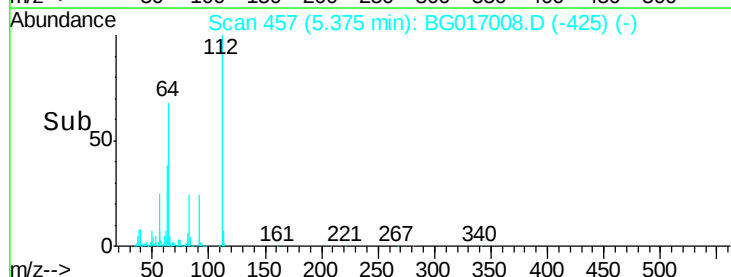
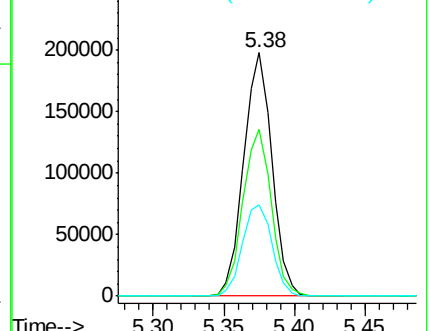
63 37.6 28.1 42.1

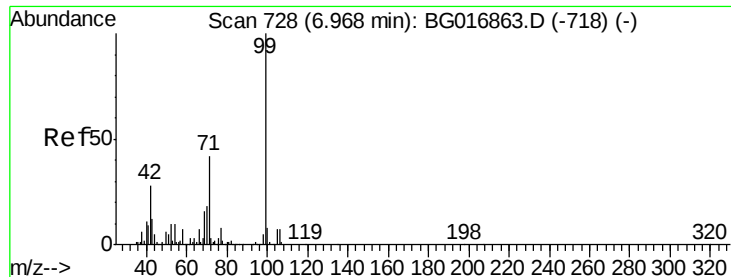


Abundance Ion 112.00 (111.70 to 112.70): E

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

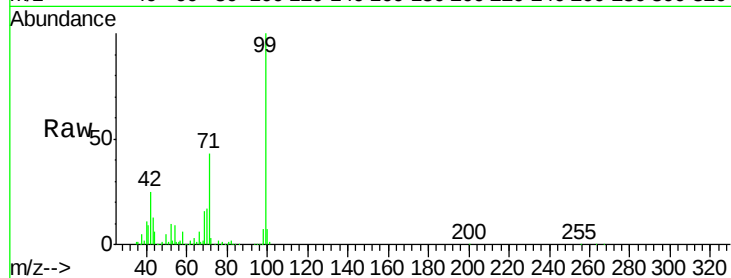
Tgt Ion: 99 Resp: 265970

Ion Ratio Lower Upper

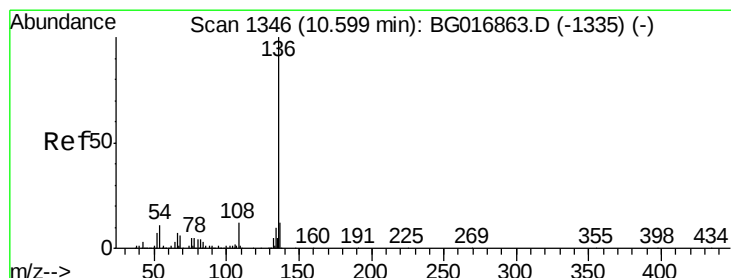
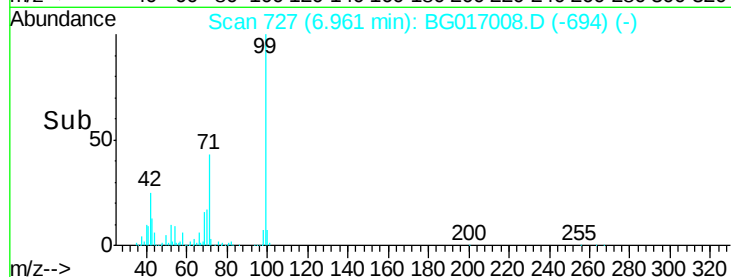
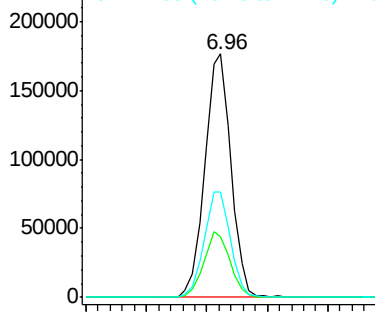
99 100

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



#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

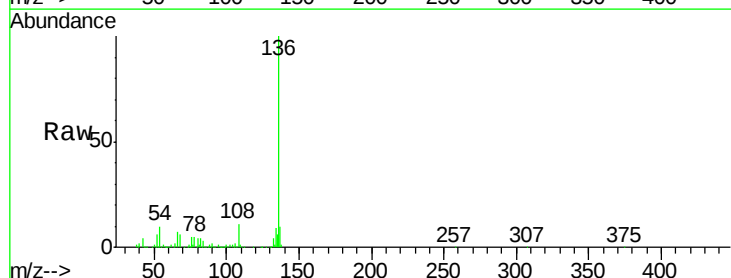
Ion Ratio Lower Upper

136 100

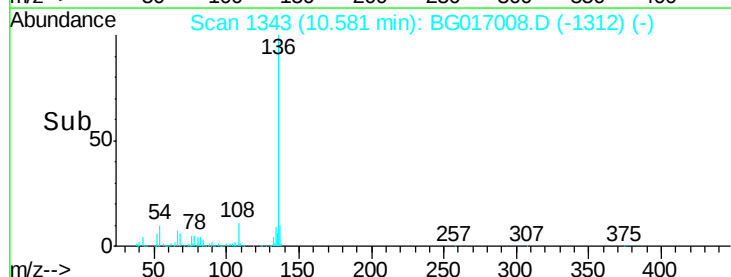
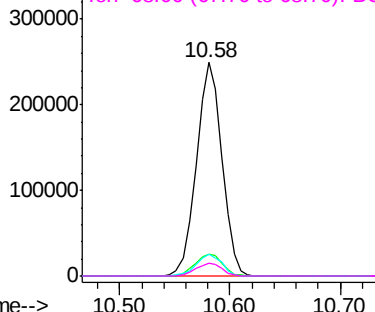
137 10.5 9.8 14.8

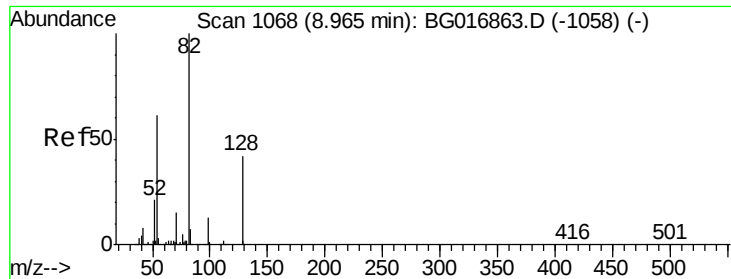
54 10.1 8.7 13.1

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

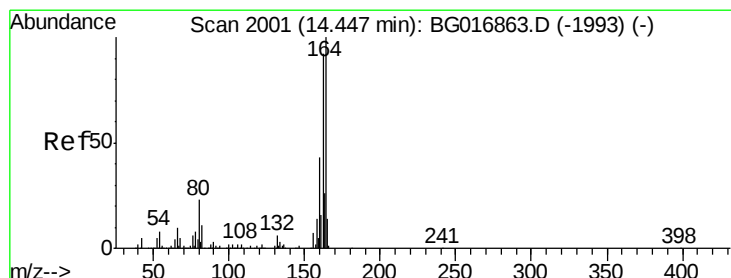
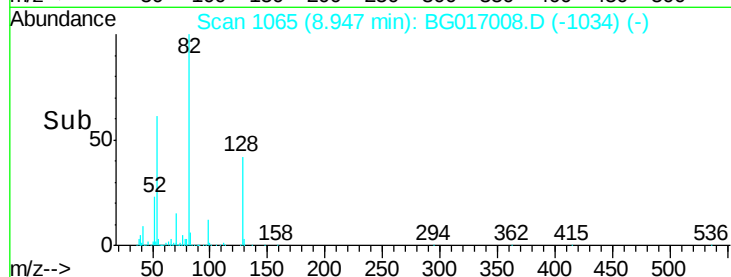
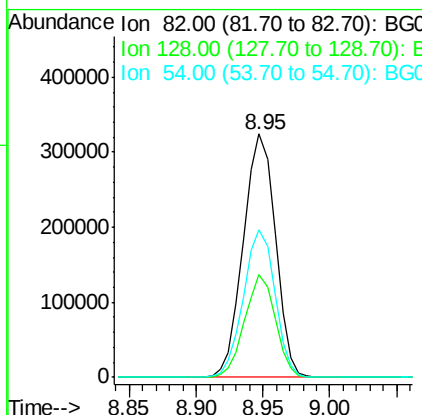
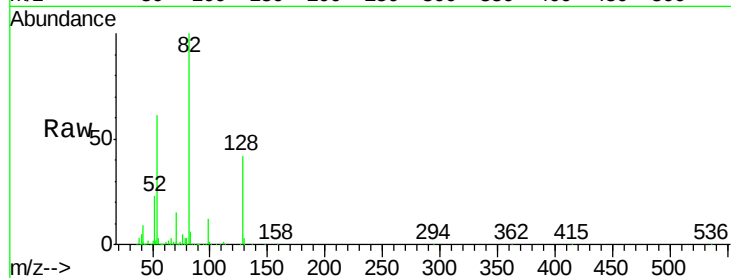




#23
 Nitrobenzene-d5
 Concen: 65.47 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

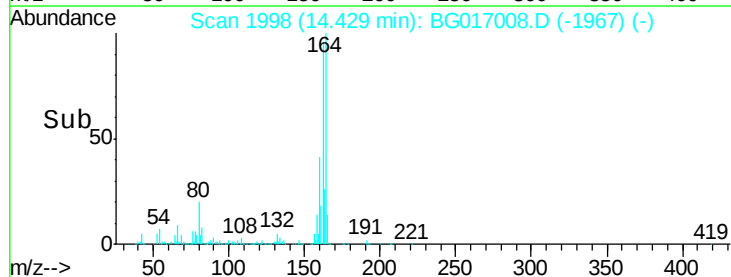
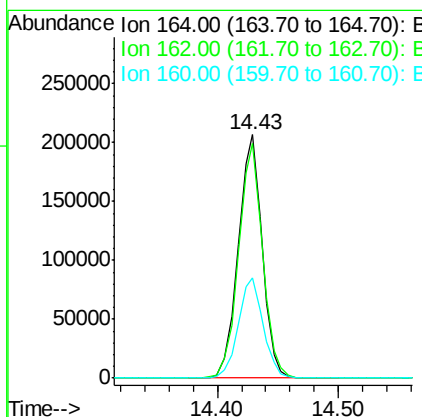
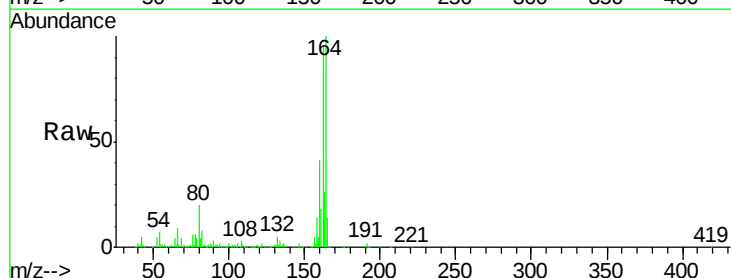
Instrument :
 BNA_G
 ClientSampleId :
 MW-108

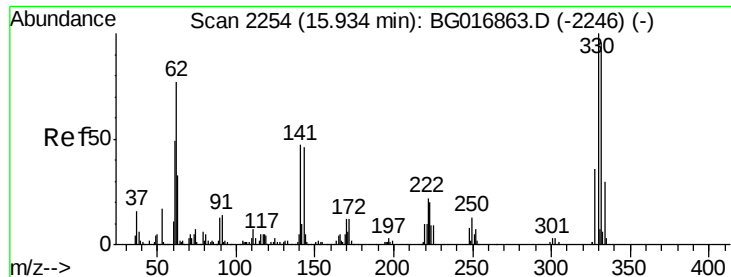
Tgt Ion: 82 Resp: 539426
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.2 49.8
 54 60.6 48.6 72.8



#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

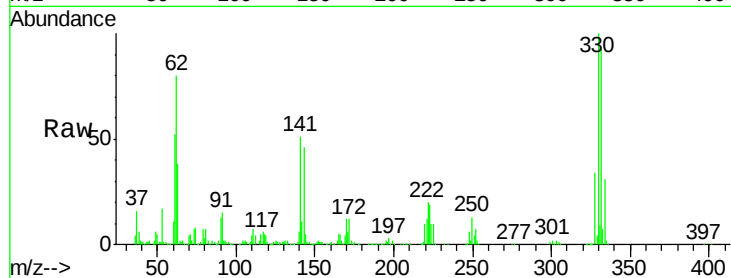




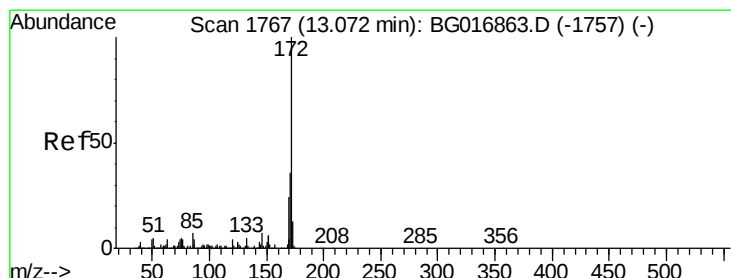
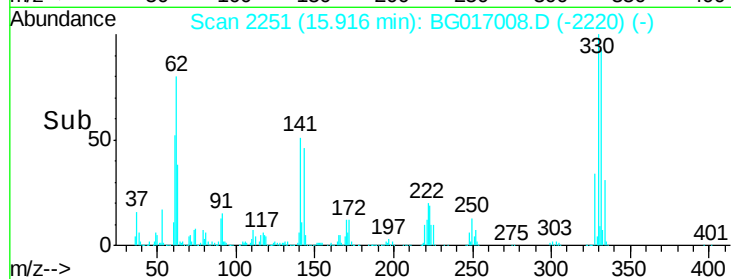
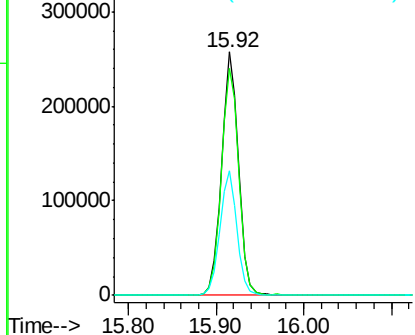
#41
 2,4,6-Tribromophenol
 Concen: 121.71 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

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#

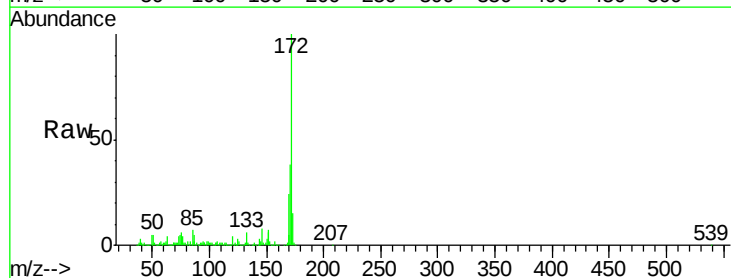


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

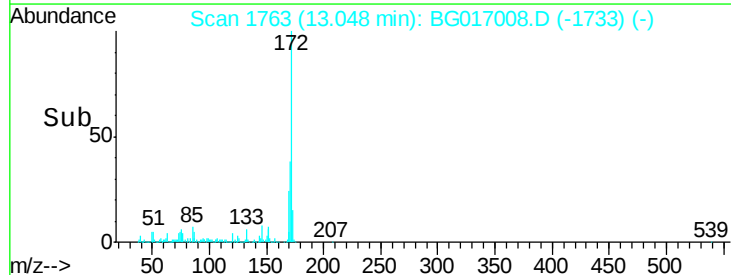
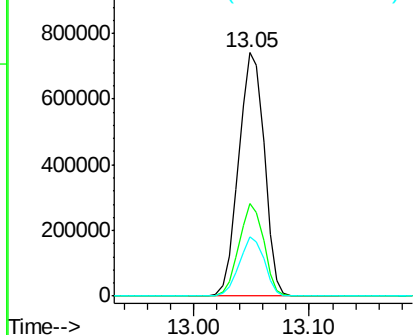


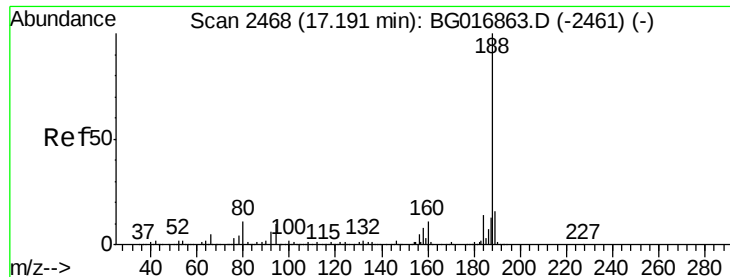
#44
 2-Fluorobiphenyl
 Concen: 60.78 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

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

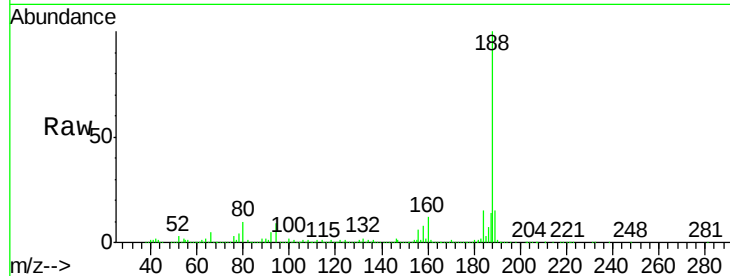




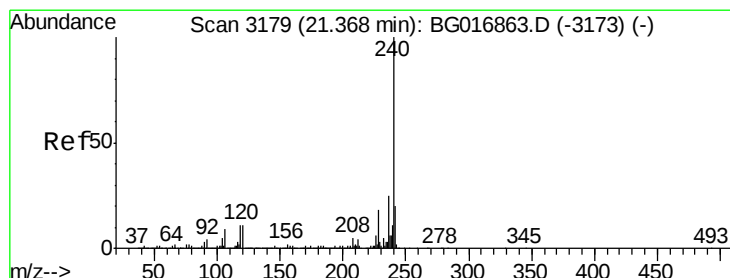
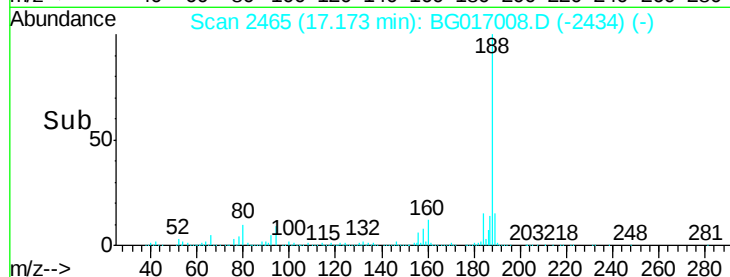
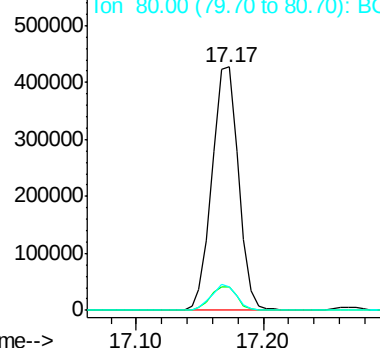
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

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

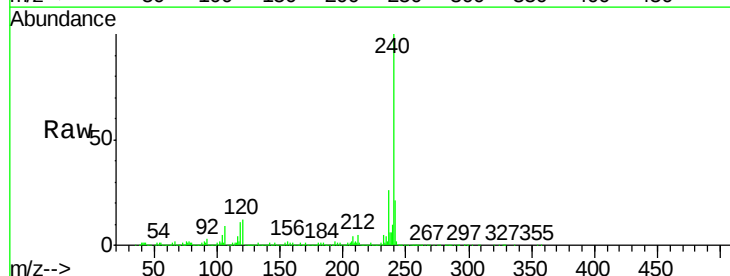


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

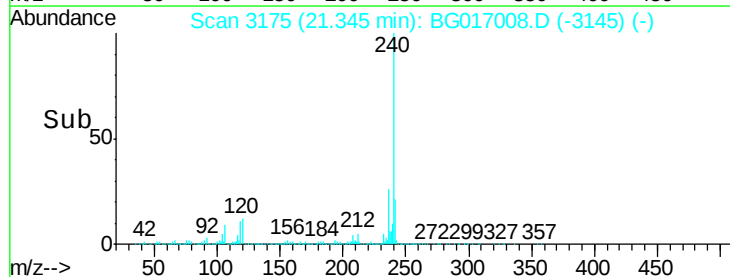
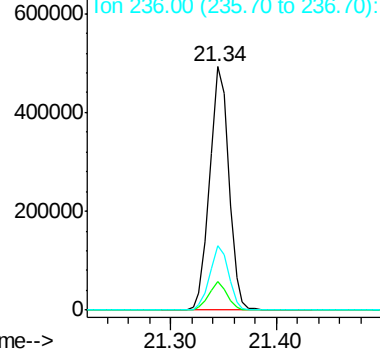


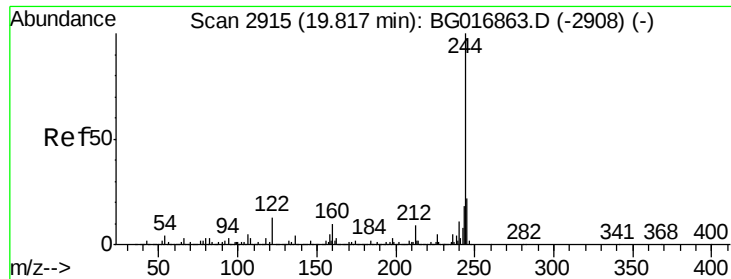
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

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

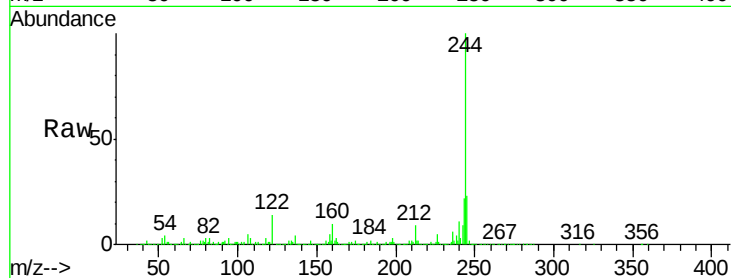
Tgt Ion:244 Resp: 1596080

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	13.6	10.4	15.6

244 100

212 9.0 7.0 10.6

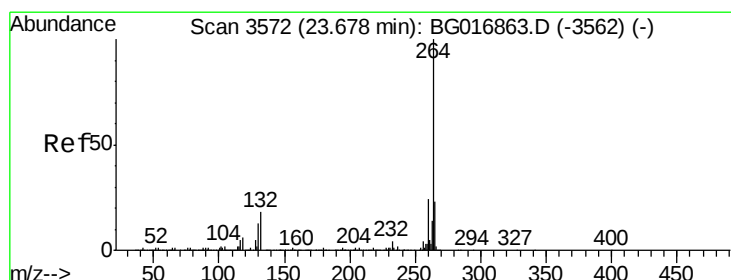
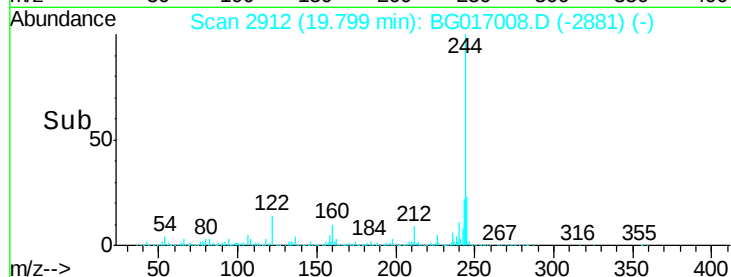
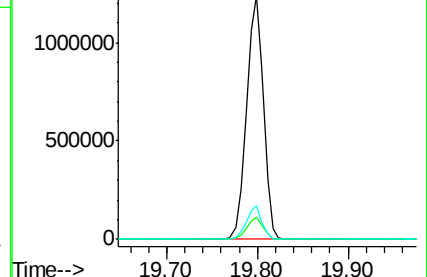
122 13.6 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

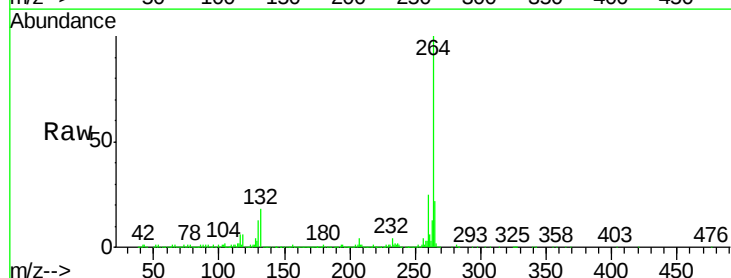
Tgt Ion:264 Resp: 606864

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	18.5	27.7

264 100

260 24.6 19.5 29.3

265 22.1 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

