

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 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

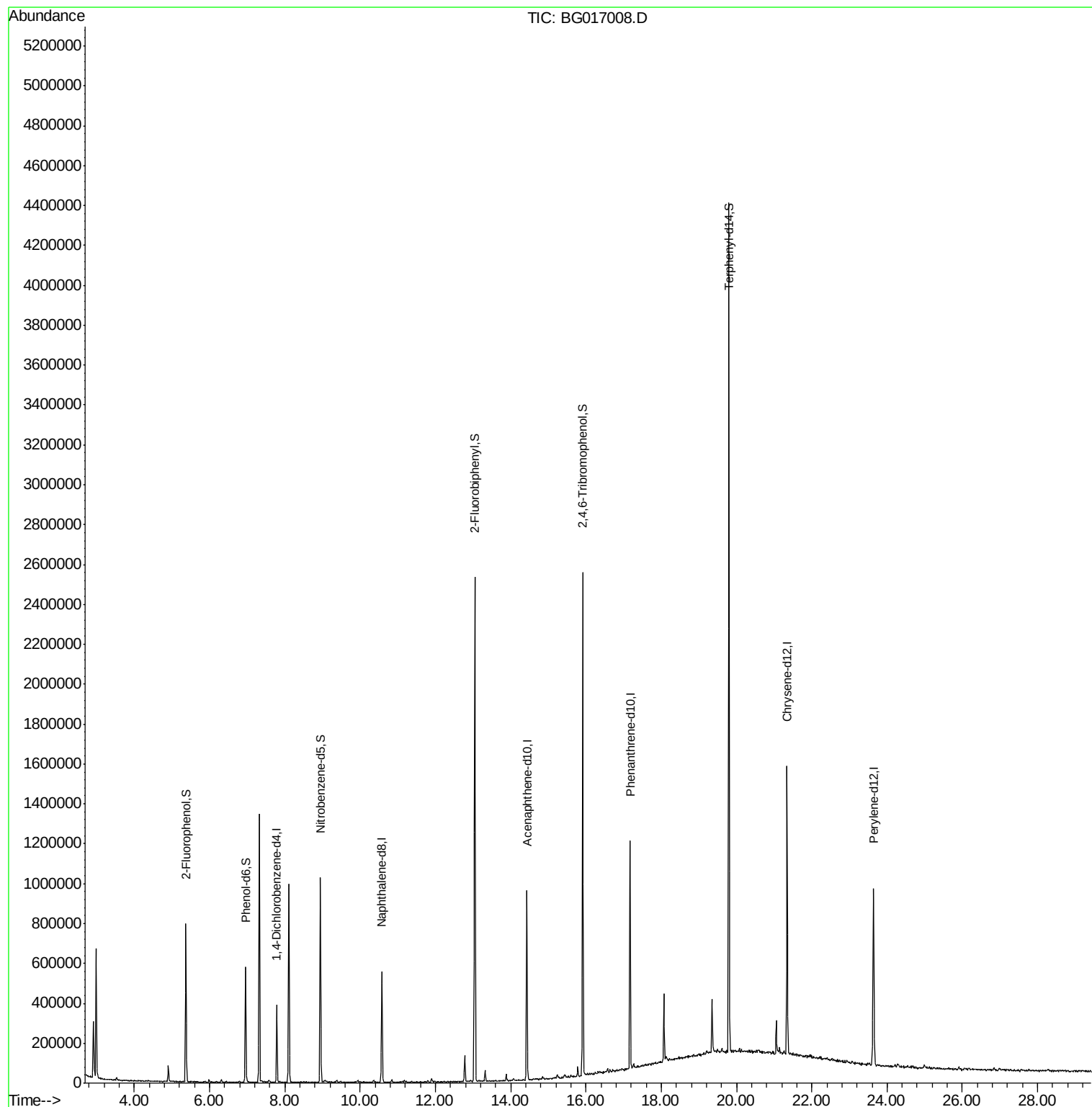
Target Compounds	Qvalue
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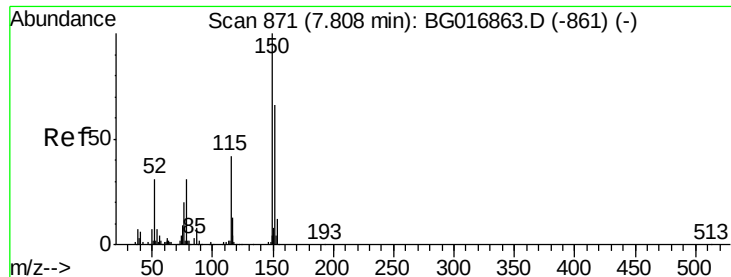
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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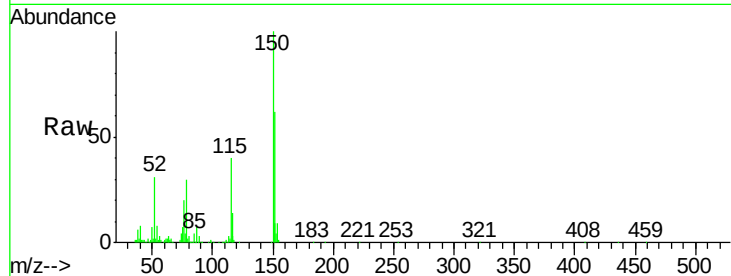


#1

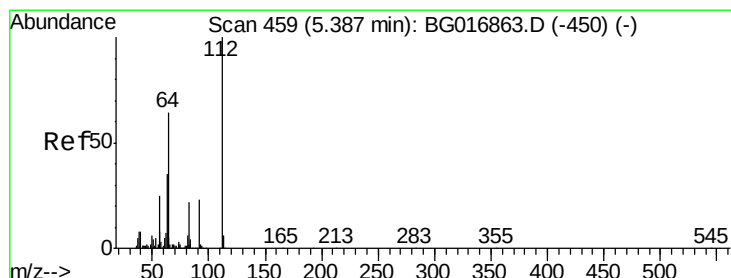
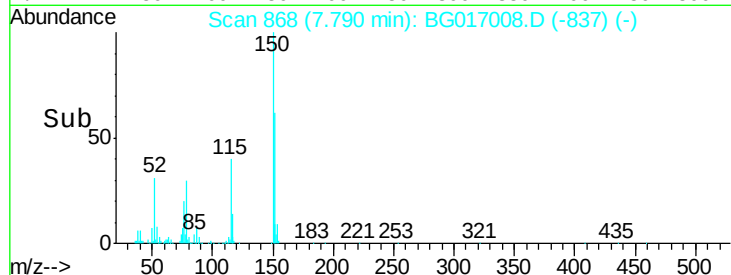
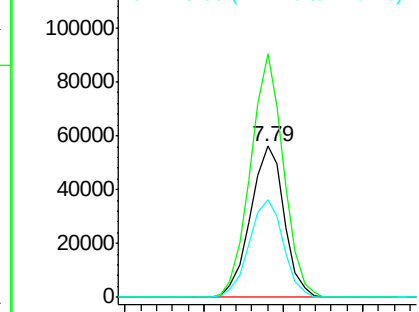
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

Instrument :
BNA_G
ClientSampleId :
MW-108

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	121.0	181.4
115	64.7	50.5	75.7



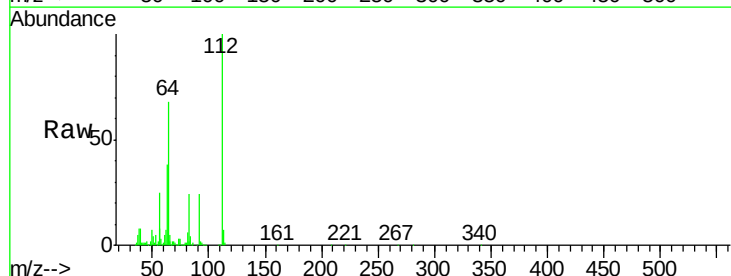
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



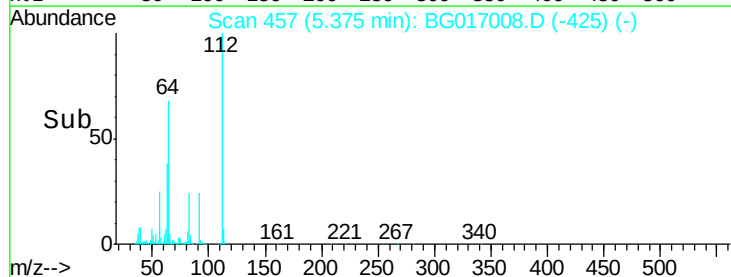
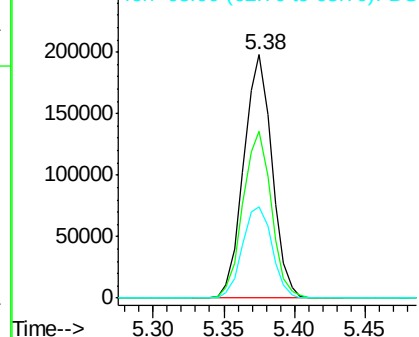
#5

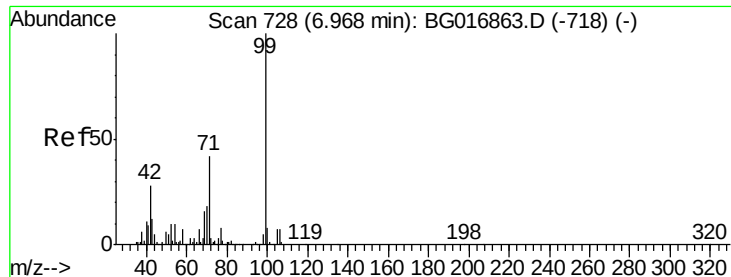
2-Fluorophenol
Concen: 58.43 ng
RT: 5.38 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

Tgt Ion	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

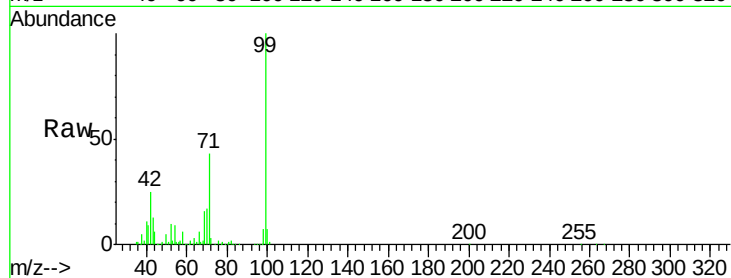
Tgt Ion: 99 Resp: 265970

Ion Ratio Lower Upper

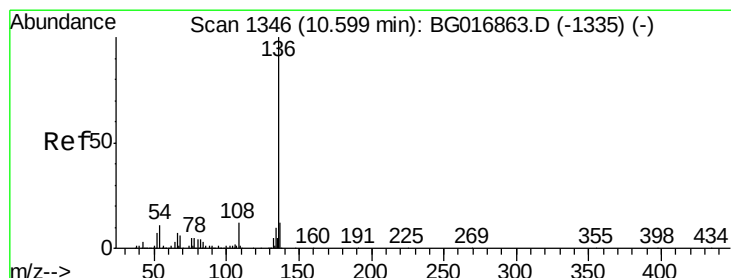
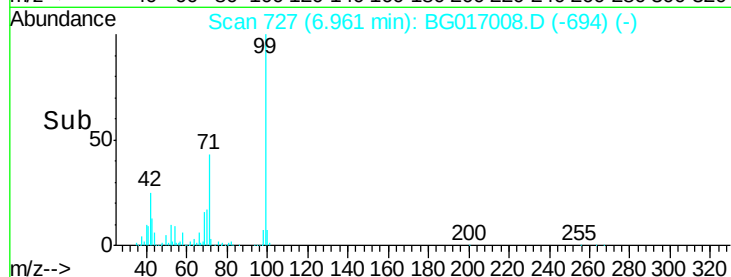
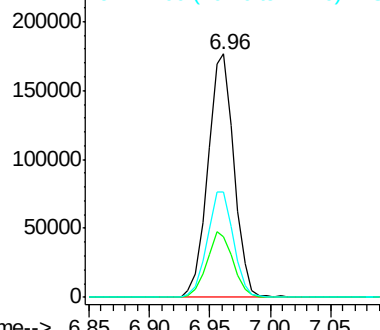
99 100

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

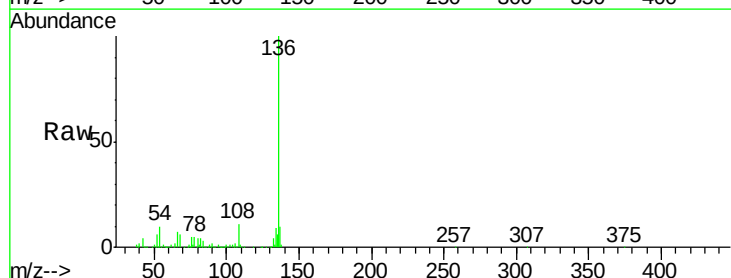
Ion Ratio Lower Upper

136 100

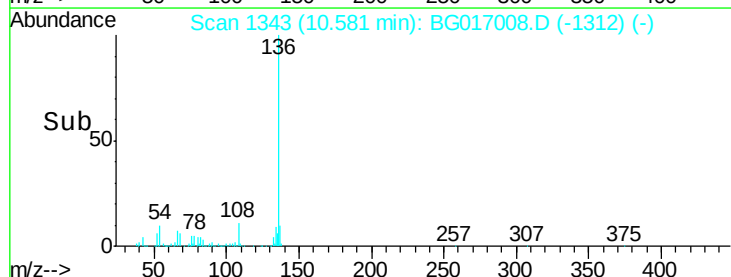
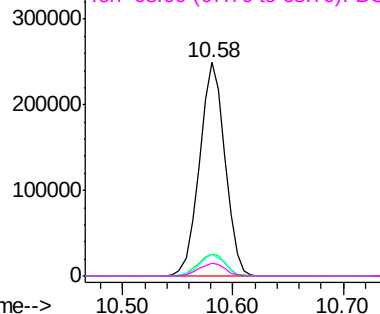
137 10.5 9.8 14.8

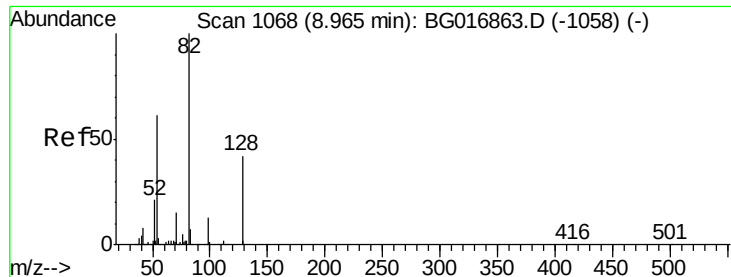
54 10.1 8.7 13.1

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

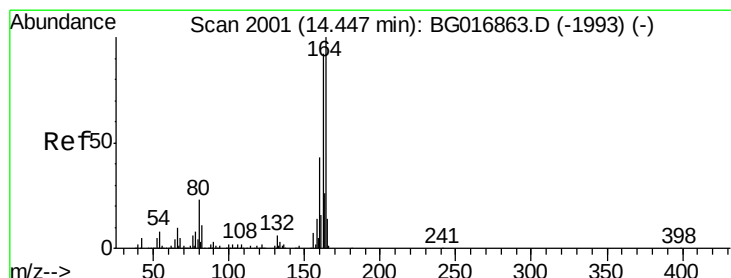
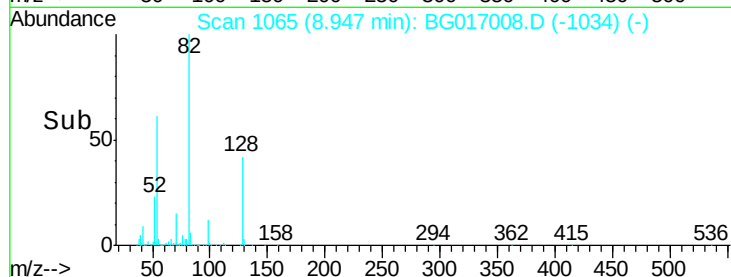
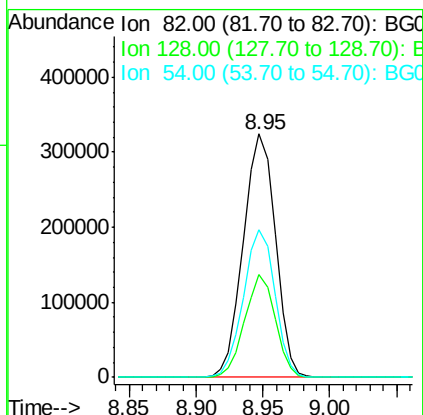
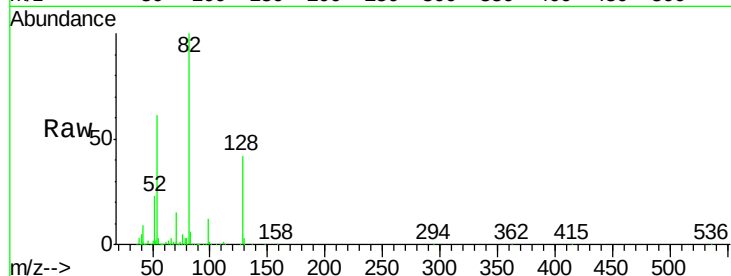




#23
Nitrobenzene-d5
Concen: 65.47 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017008.D
Acq: 10 May 2015 2:10

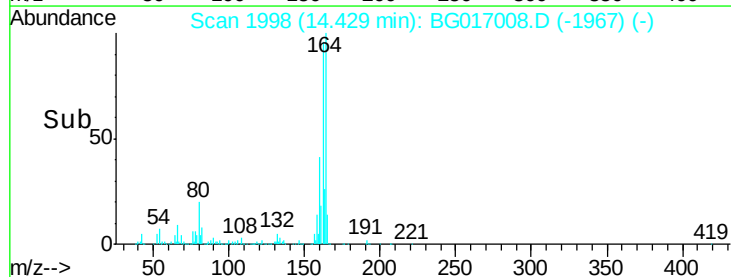
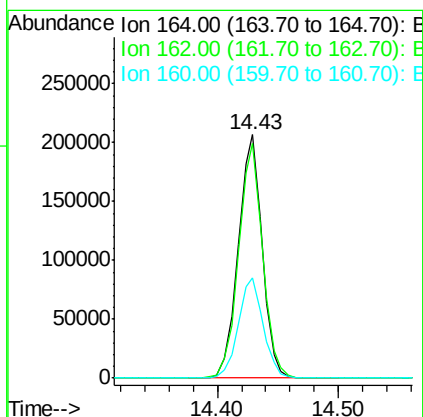
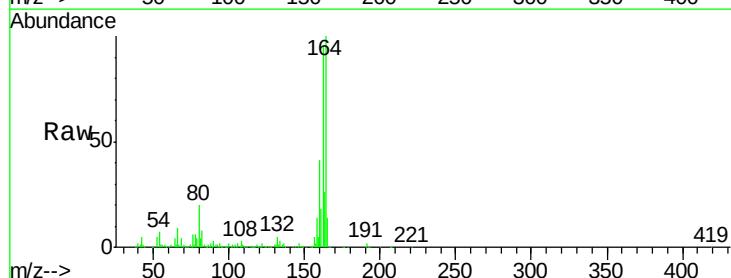
Instrument :
BNA_G
ClientSampleId :
MW-108

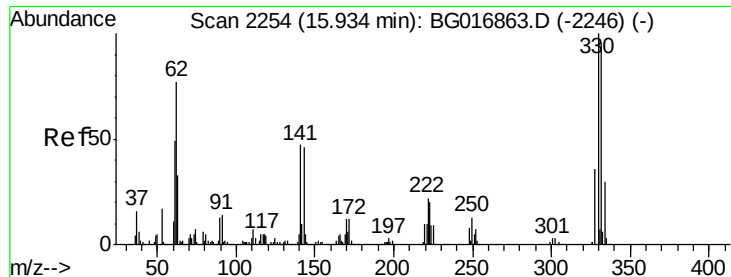
Tgt Ion: 82 Resp: 539426
Ion Ratio Lower Upper
82 100
128 42.4 33.2 49.8
54 60.6 48.6 72.8



#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

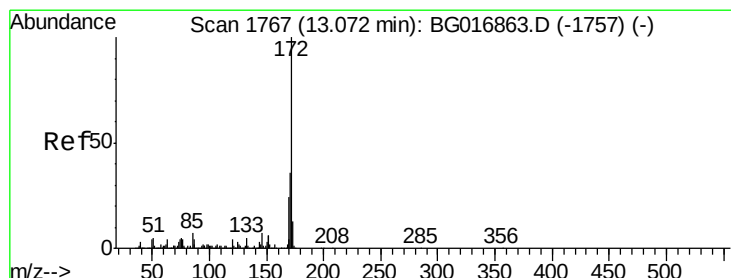
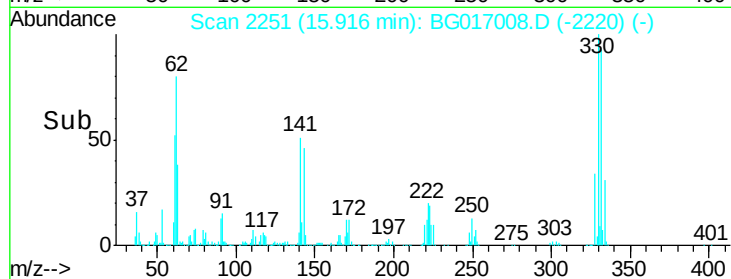
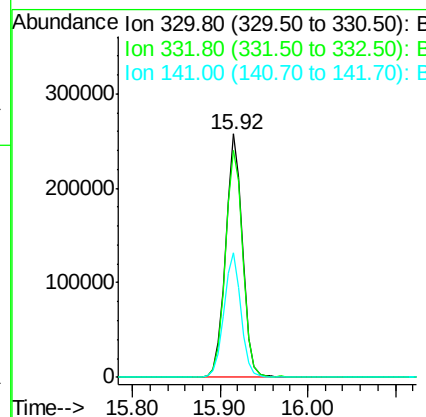
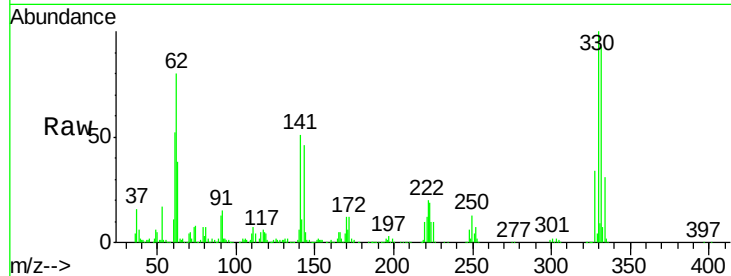




#41
 2,4,6-Tribromophenol
 Concen: 121.71 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017008.D
 Acq: 10 May 2015 2:10

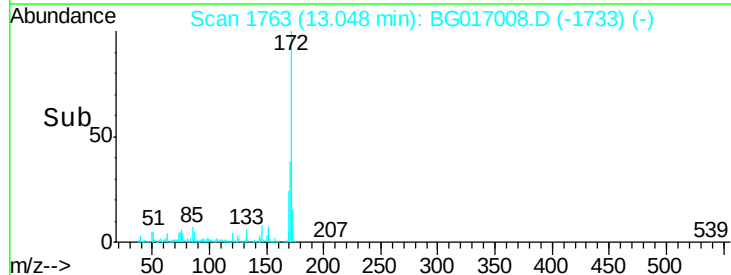
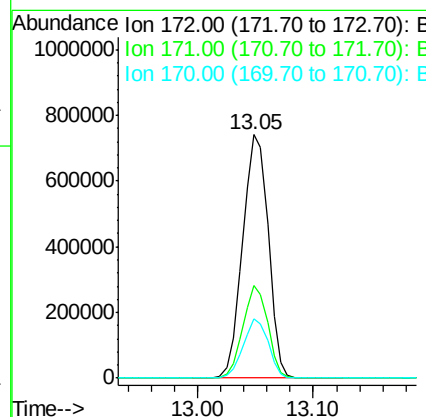
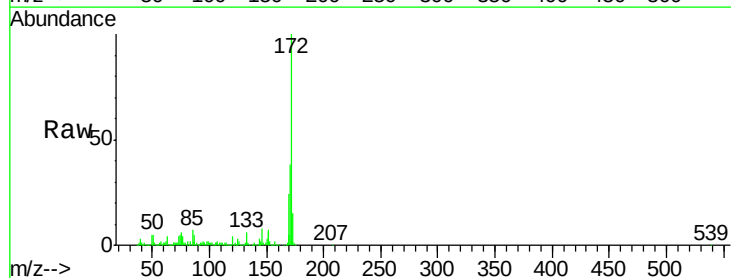
Instrument :
 BNA_G
 ClientSampleId :
 MW-108

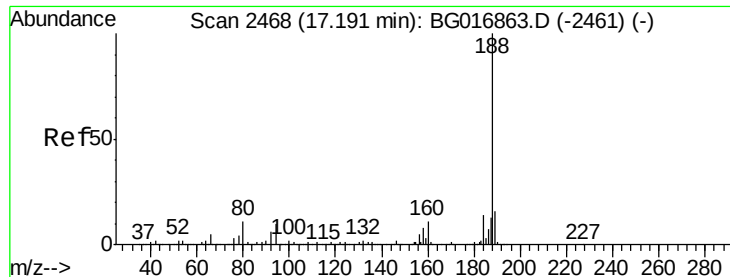
Tgt Ion:330 Resp: 346214
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 51.5 0.0 0.0#



#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





#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

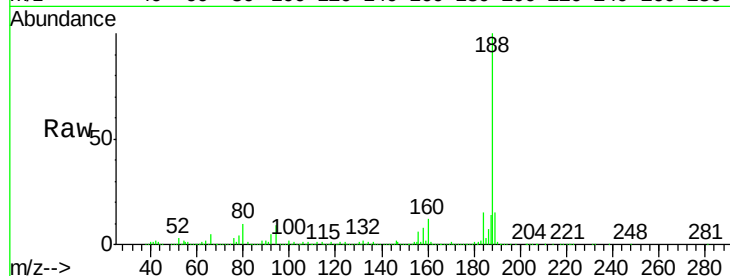
Tgt Ion:188 Resp: 617921

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

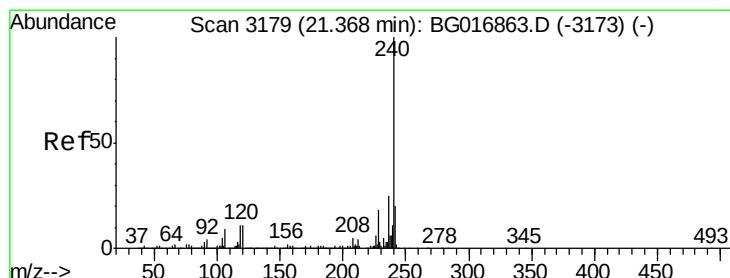
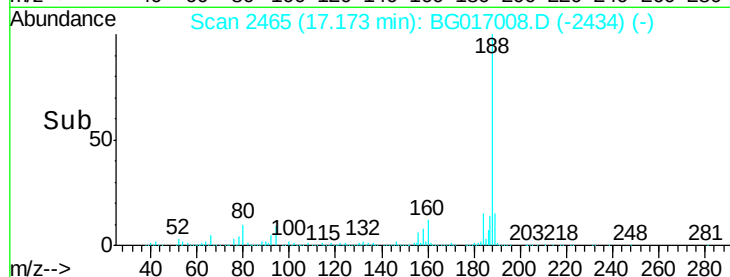
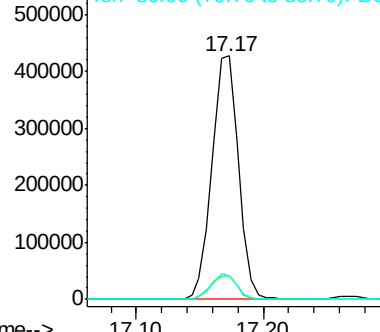
80 9.7 8.8 13.2



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

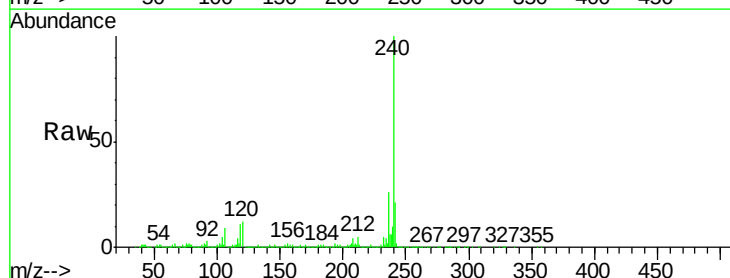
Tgt Ion:240 Resp: 609996

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

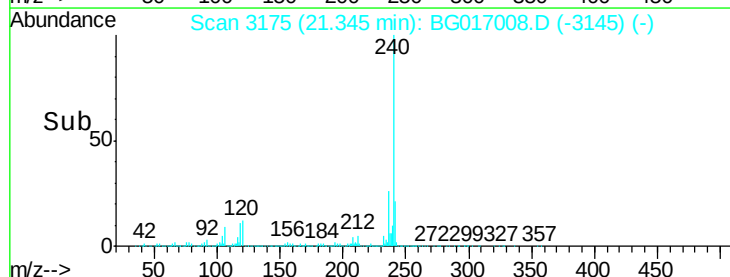
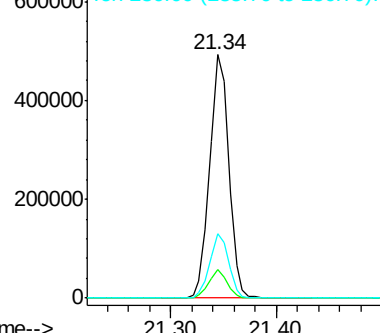
236 26.3 20.2 30.4

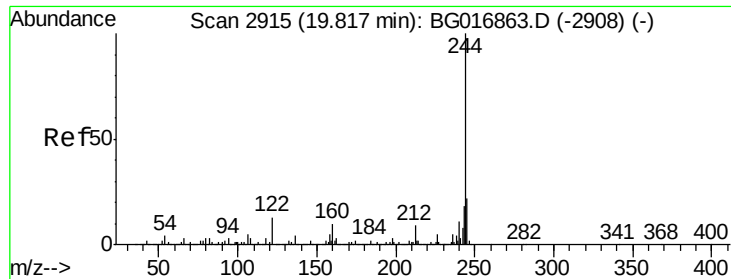


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

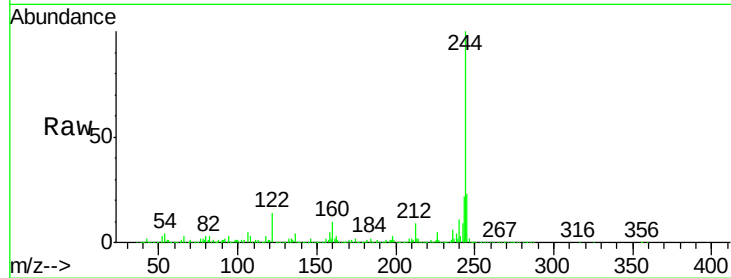
BNA_G

ClientSampleId :

MW-108

Tgt Ion:244 Resp: 1596080

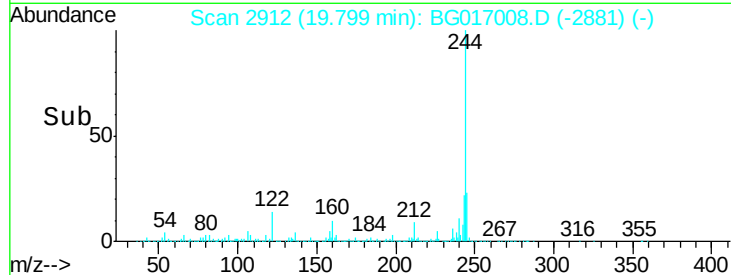
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	13.6	10.4	15.6



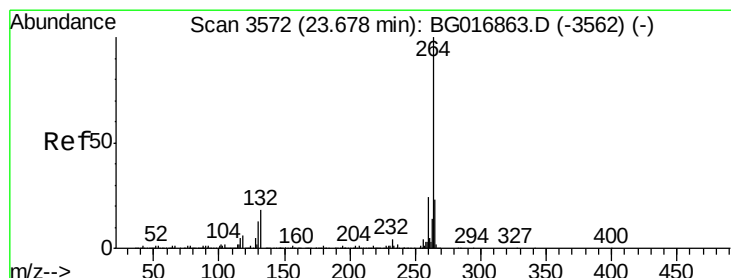
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3566

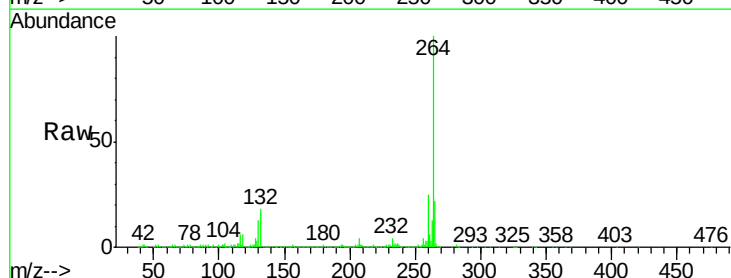
Delta R.T. -0.04 min

Lab File: BG017008.D

Acq: 10 May 2015 2:10

Tgt Ion:264 Resp: 606864

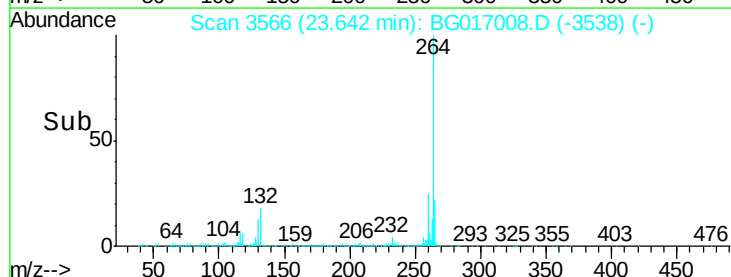
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	18.5	27.7



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



Time-->