

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017007.D
 Acq On : 10 May 2015 1:35
 Operator : TP/IZ
 Sample : G2104-05
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-101

Quant Time: May 11 05:44:46 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	79281	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	394914	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	273852	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	616133	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	596980	20.00	ng	-0.02
86) Perylene-d12	23.64	264	592987	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	215234	47.27	ng	-0.02
7) Phenol-d6	6.96	99	218466	33.58	ng	-0.01
23) Nitrobenzene-d5	8.95	82	461635	57.11	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	307134	111.72	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1035343	57.05	ng	-0.02
78) Terphenyl-d14	19.79	244	1544797	60.66	ng	-0.02

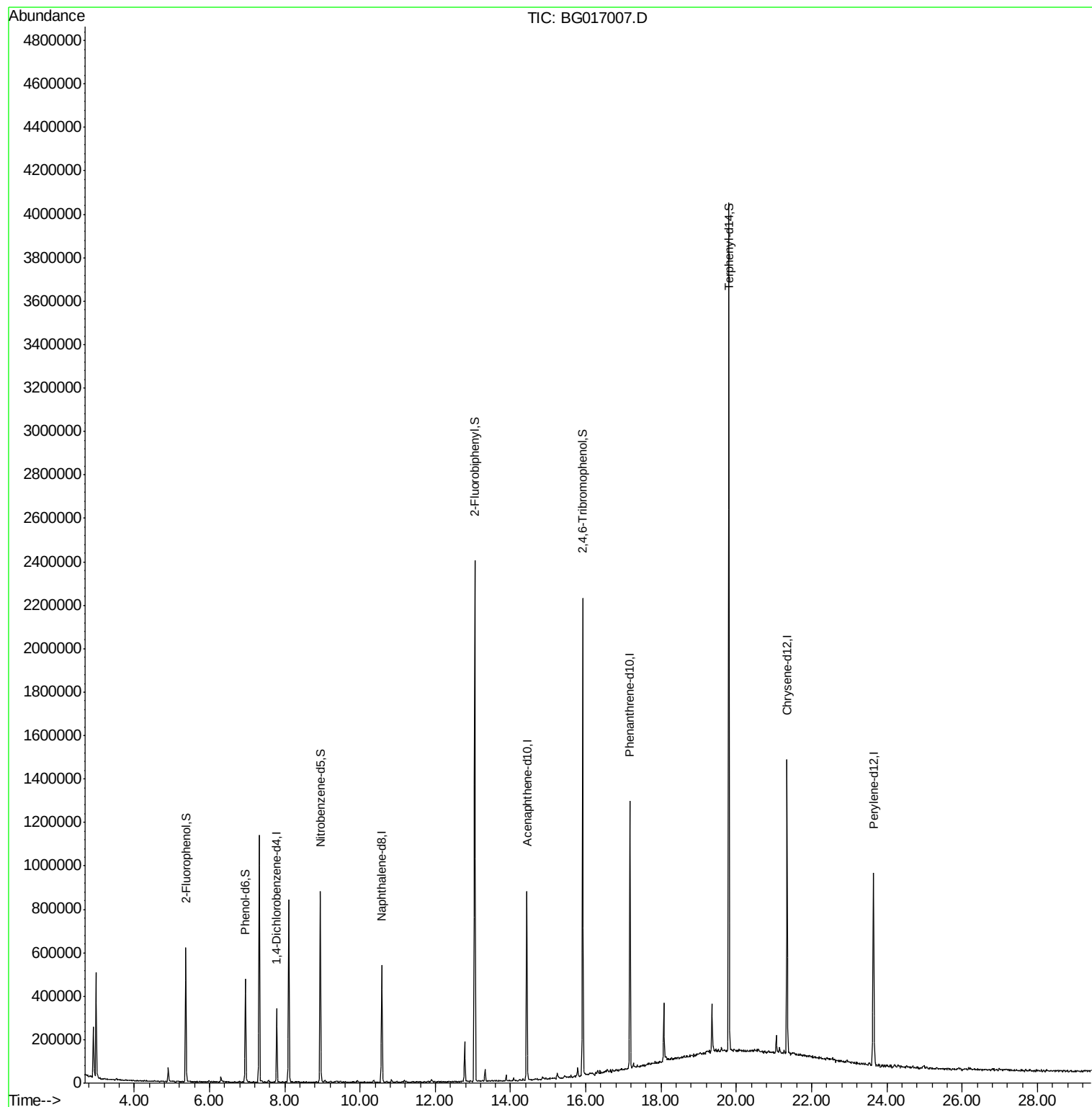
Target Compounds	Qvalue
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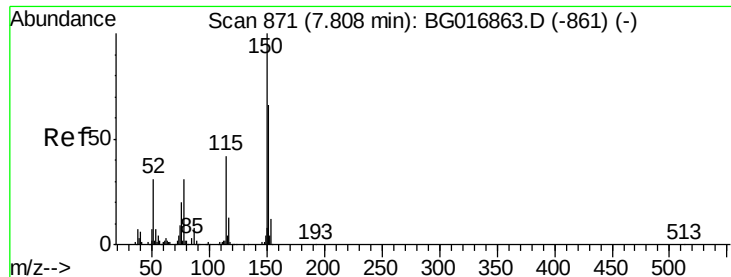
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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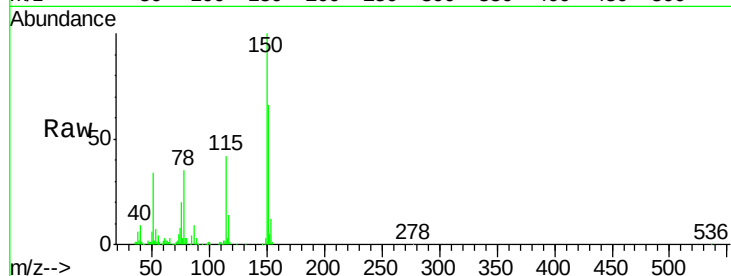


#1

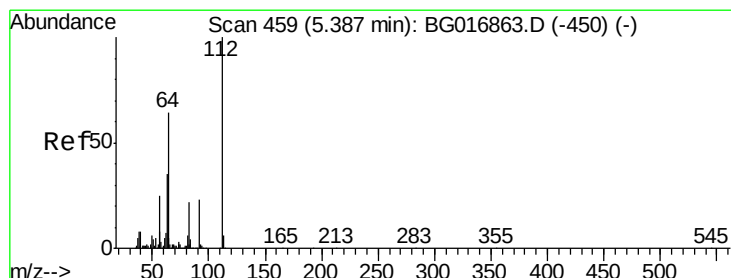
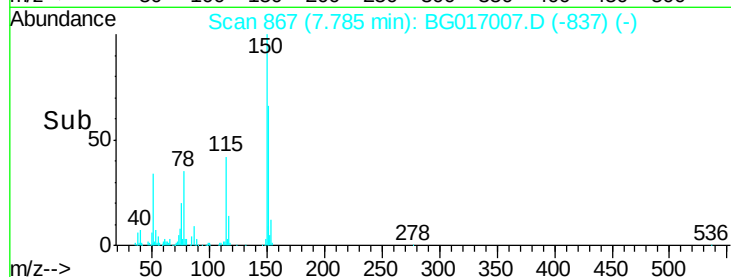
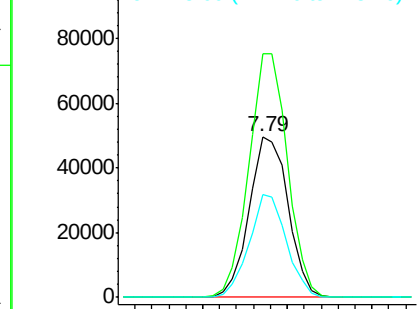
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG017007.D
Acq: 10 May 2015 1:35

Instrument :
BNA_G
ClientSampleId :
MW-101

Tgt Ion:152 Resp: 79281
Ion Ratio Lower Upper
152 100
150 151.5 121.0 181.4
115 64.1 50.5 75.7



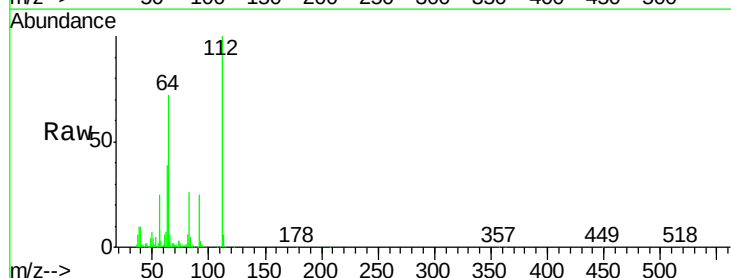
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



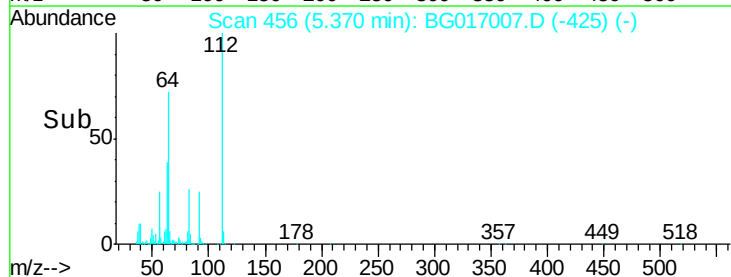
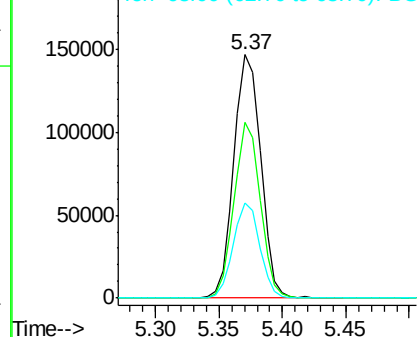
#5

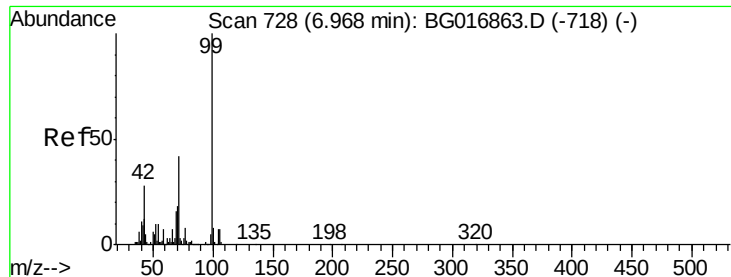
2-Fluorophenol
Concen: 47.27 ng
RT: 5.37 min Scan# 456
Delta R.T. -0.02 min
Lab File: BG017007.D
Acq: 10 May 2015 1:35

Tgt Ion:112 Resp: 215234
Ion Ratio Lower Upper
112 100
64 72.4 51.4 77.2
63 39.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.58 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG017007.D

Acq: 10 May 2015 1:35

Instrument :

BNA_G

ClientSampleId :

MW-101

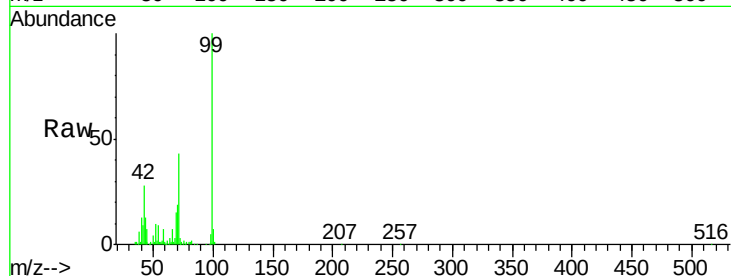
Tgt Ion: 99 Resp: 218466

Ion Ratio Lower Upper

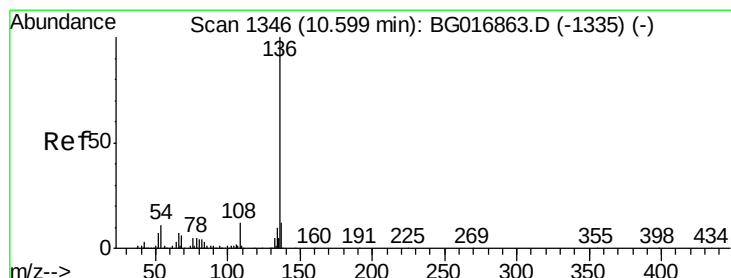
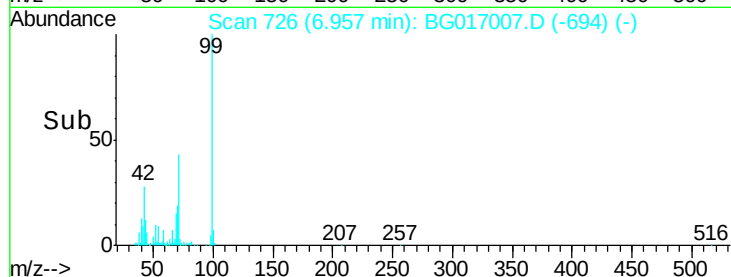
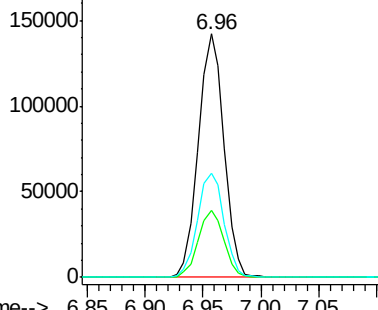
99 100

42 27.6 22.1 33.1

71 42.6 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: BG017007.D

Acq: 10 May 2015 1:35

Tgt Ion: 136 Resp: 394914

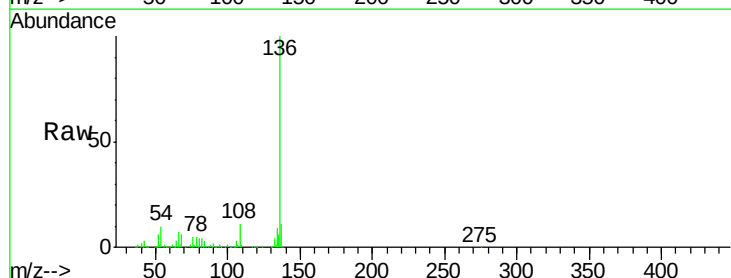
Ion Ratio Lower Upper

136 100

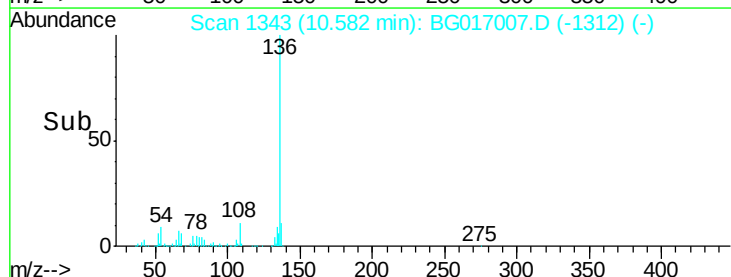
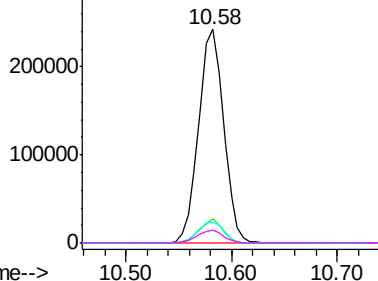
137 11.4 9.8 14.8

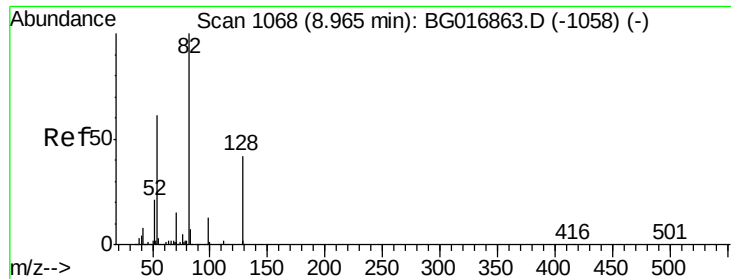
54 9.5 8.7 13.1

68 6.1 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

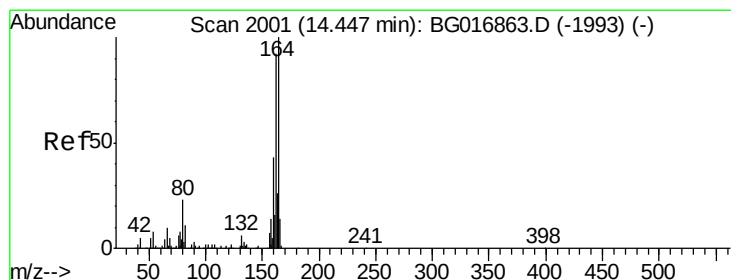
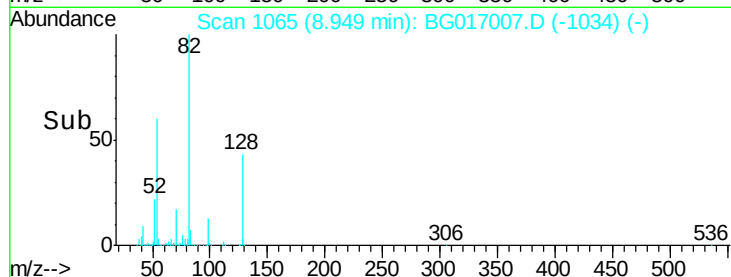
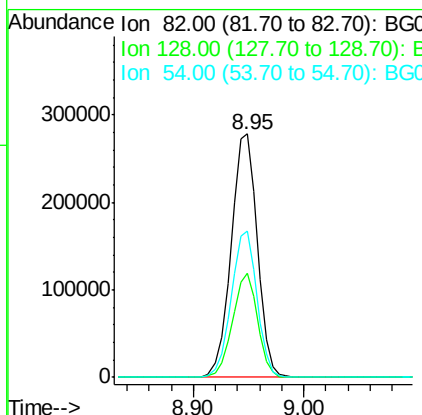
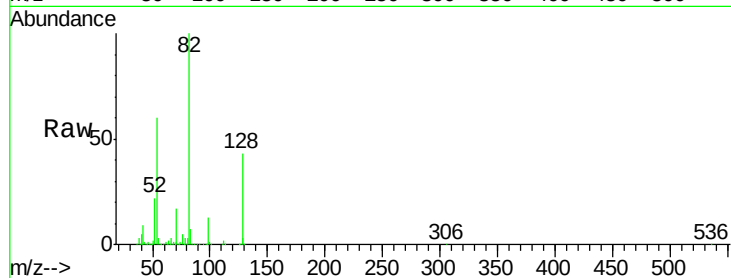




#23
 Nitrobenzene-d5
 Concen: 57.11 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017007.D
 Acq: 10 May 2015 1:35

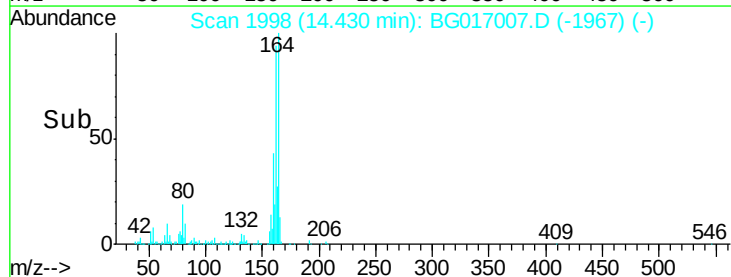
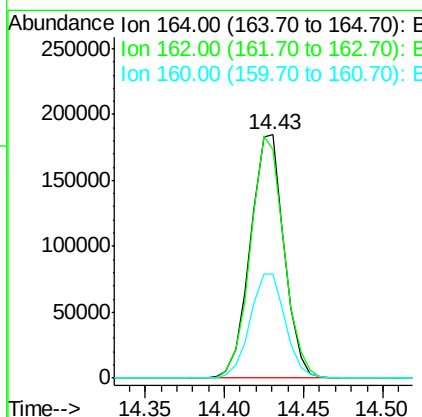
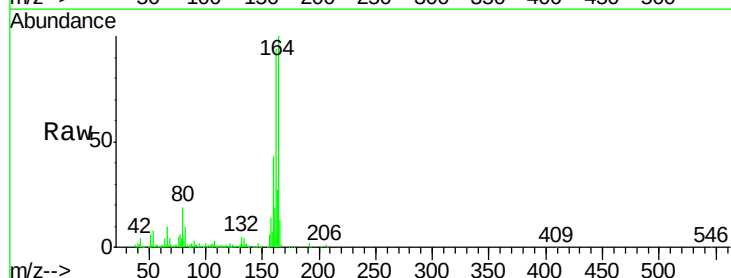
Instrument :
 BNA_G
 ClientSampleId :
 MW-101

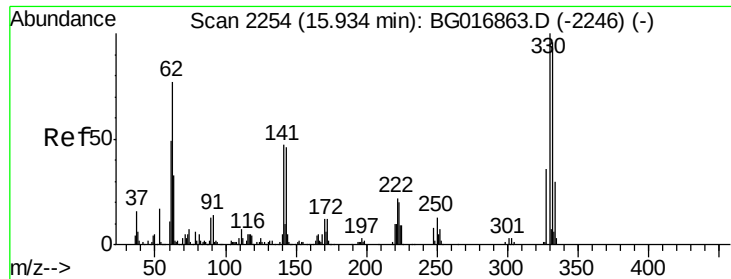
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.2	49.8
54	60.4	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017007.D
 Acq: 10 May 2015 1:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.6	74.0	111.0
160	42.8	34.7	52.1

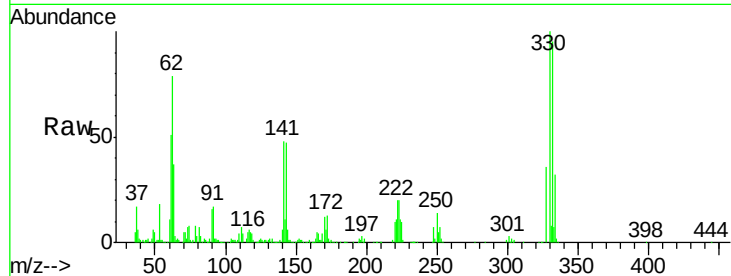




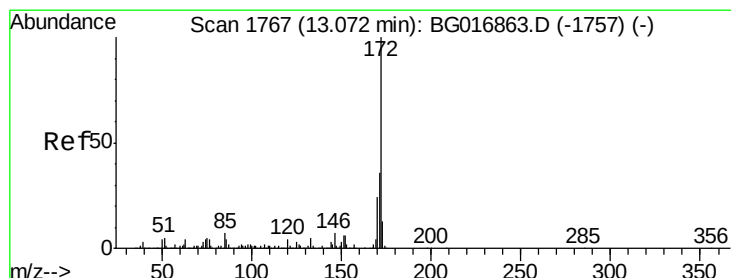
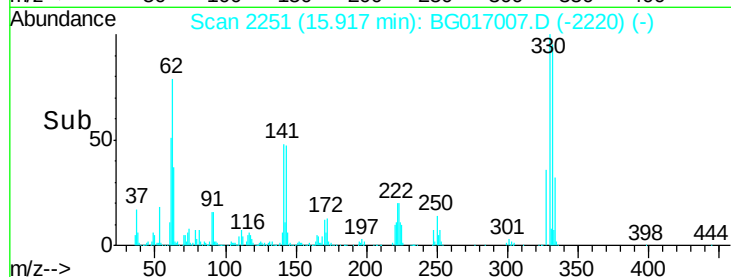
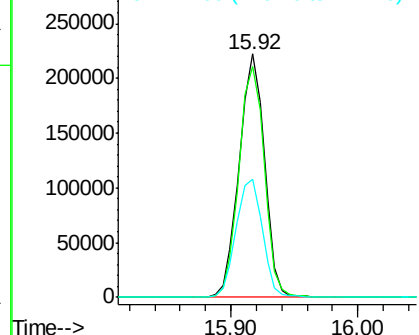
#41
 2,4,6-Tribromophenol
 Concen: 111.72 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017007.D
 Acq: 10 May 2015 1:35

Instrument :
 BNA_G
 ClientSampleId :
 MW-101

Tgt Ion:330 Resp: 307134
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 51.0 0.0 0.0#

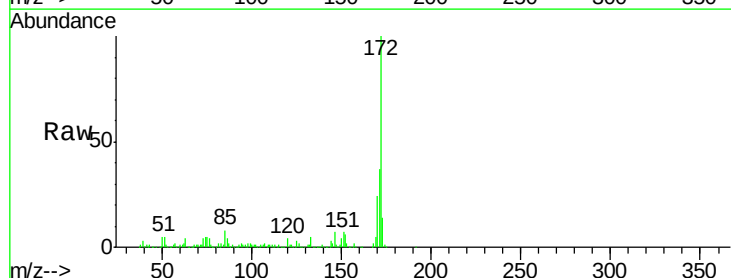


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

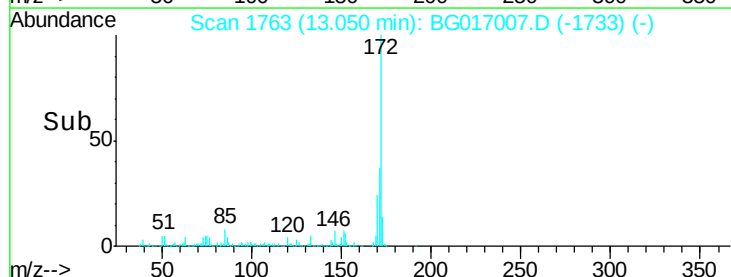
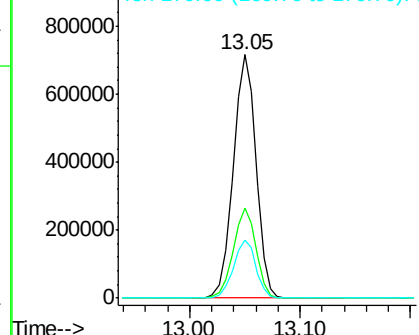


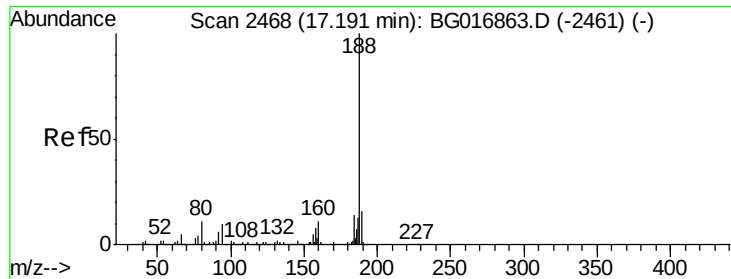
#44
 2-Fluorobiphenyl
 Concen: 57.05 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017007.D
 Acq: 10 May 2015 1:35

Tgt Ion:172 Resp: 1035343
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.4
 170 24.0 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# 2464

Delta R.T. -0.02 min

Lab File: BG017007.D

Acq: 10 May 2015 1:35

Instrument :

BNA_G

ClientSampleId :

MW-101

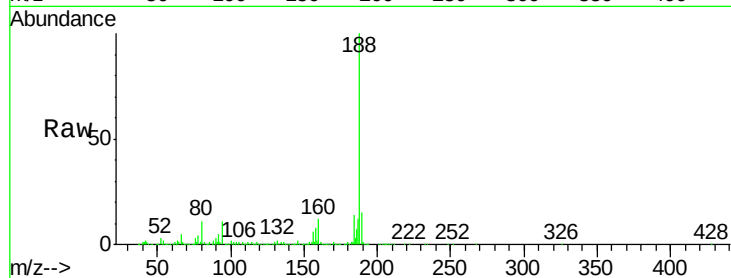
Tgt Ion:188 Resp: 616133

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

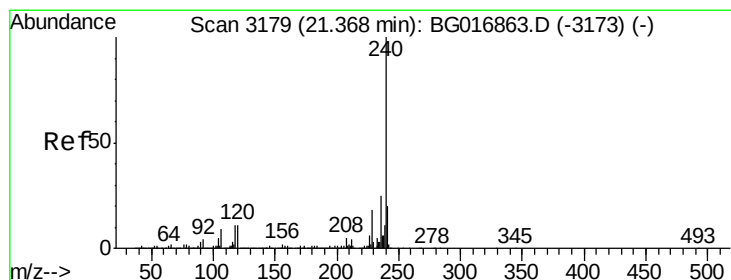
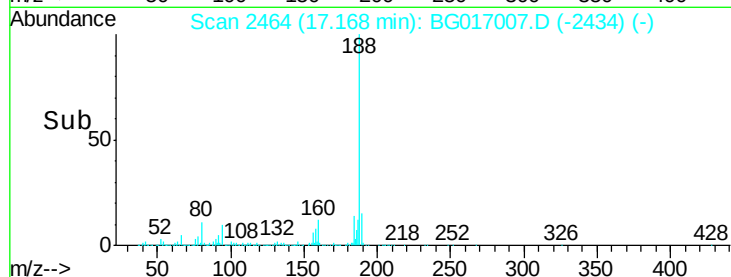
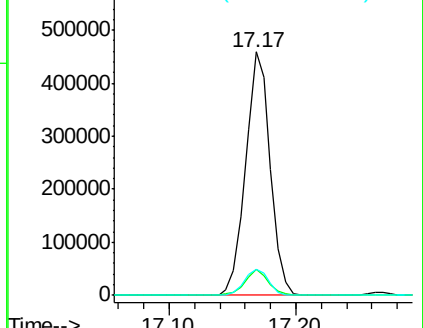
80 10.9 8.8 13.2



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: 21.35 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG017007.D

Acq: 10 May 2015 1:35

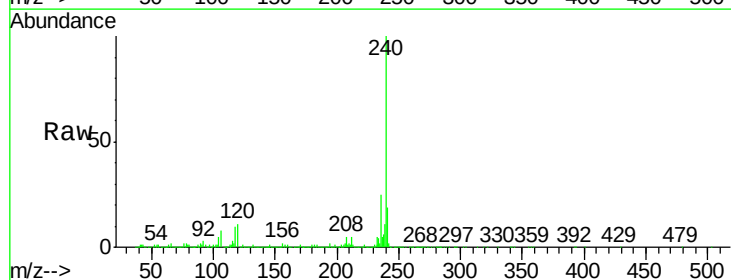
Tgt Ion:240 Resp: 596980

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

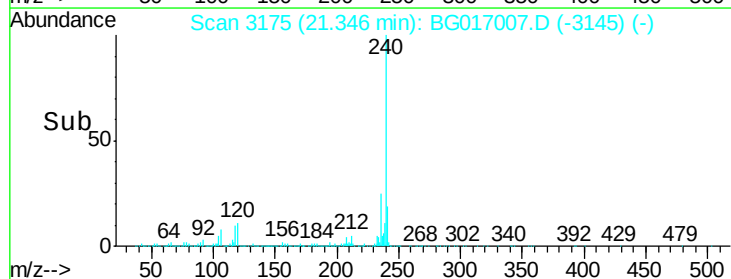
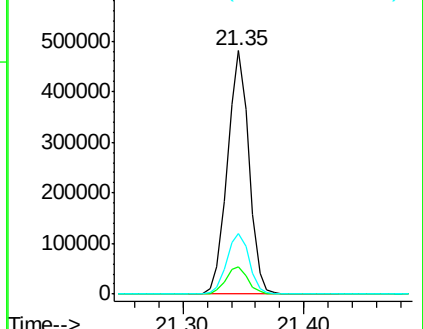
236 25.0 20.2 30.4

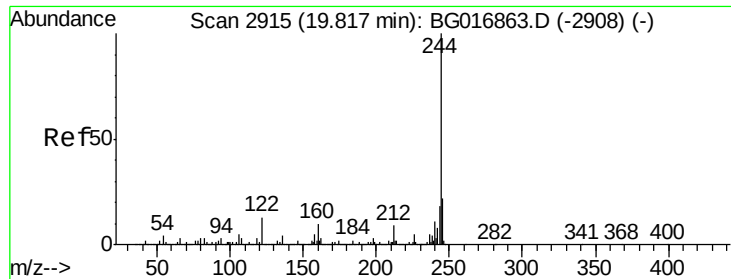


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.66 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BG017007.D

Acq: 10 May 2015 1:35

Instrument :

BNA_G

ClientSampleId :

MW-101

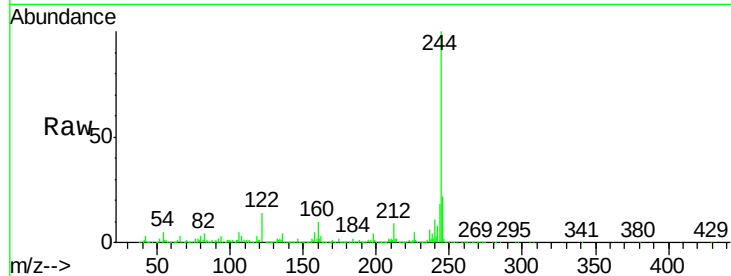
Tgt Ion:244 Resp: 1544797

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	13.8	10.4	15.6

244 100

212 9.2 7.0 10.6

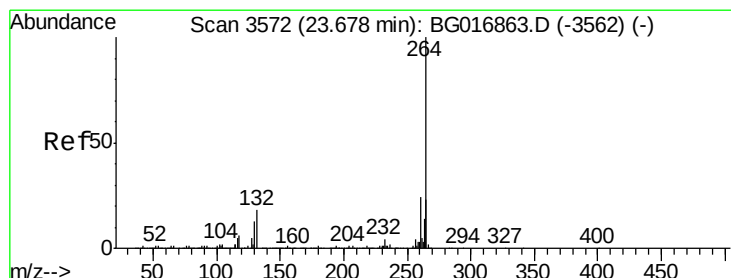
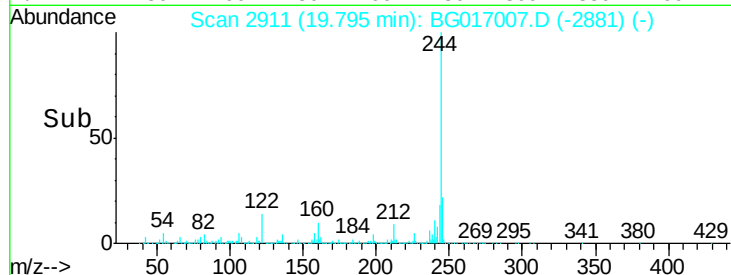
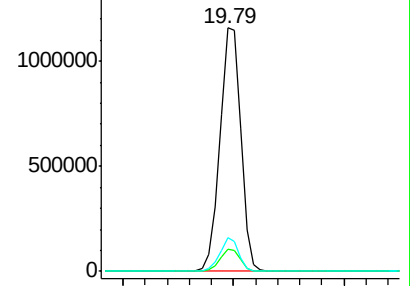
122 13.8 10.4 15.6



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. -0.03 min

Lab File: BG017007.D

Acq: 10 May 2015 1:35

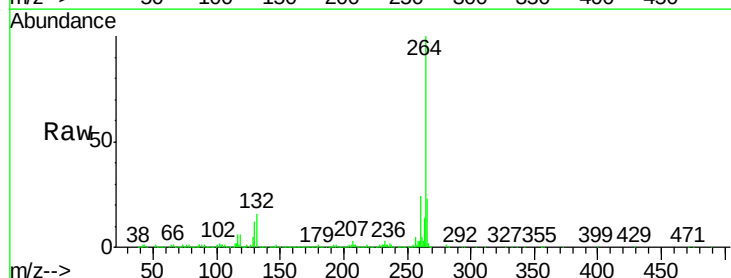
Tgt Ion:264 Resp: 592987

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	23.3	18.5	27.7

264 100

260 23.5 19.5 29.3

265 23.3 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

