

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032672.D
 Acq On : 13 Feb 2018 22:21
 Operator : SJ/JU
 Sample : PB106453TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106453TB

Quant Time: Feb 14 03:43:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	33809	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	126789	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	96650	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	266423	20.00	ng	0.00
75) Chrysene-d12	22.37	240	343996	20.00	ng	0.00
86) Perylene-d12	26.01	264	348364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	235013	139.47	ng	0.00
7) Phenol-d6	7.79	99	281240	122.06	ng	0.00
23) Nitrobenzene-d5	9.87	82	172521	86.48	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	111528	74.94	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	628845	81.36	ng	0.00
78) Terphenyl-d14	20.59	244	1303202	86.35	ng	0.00

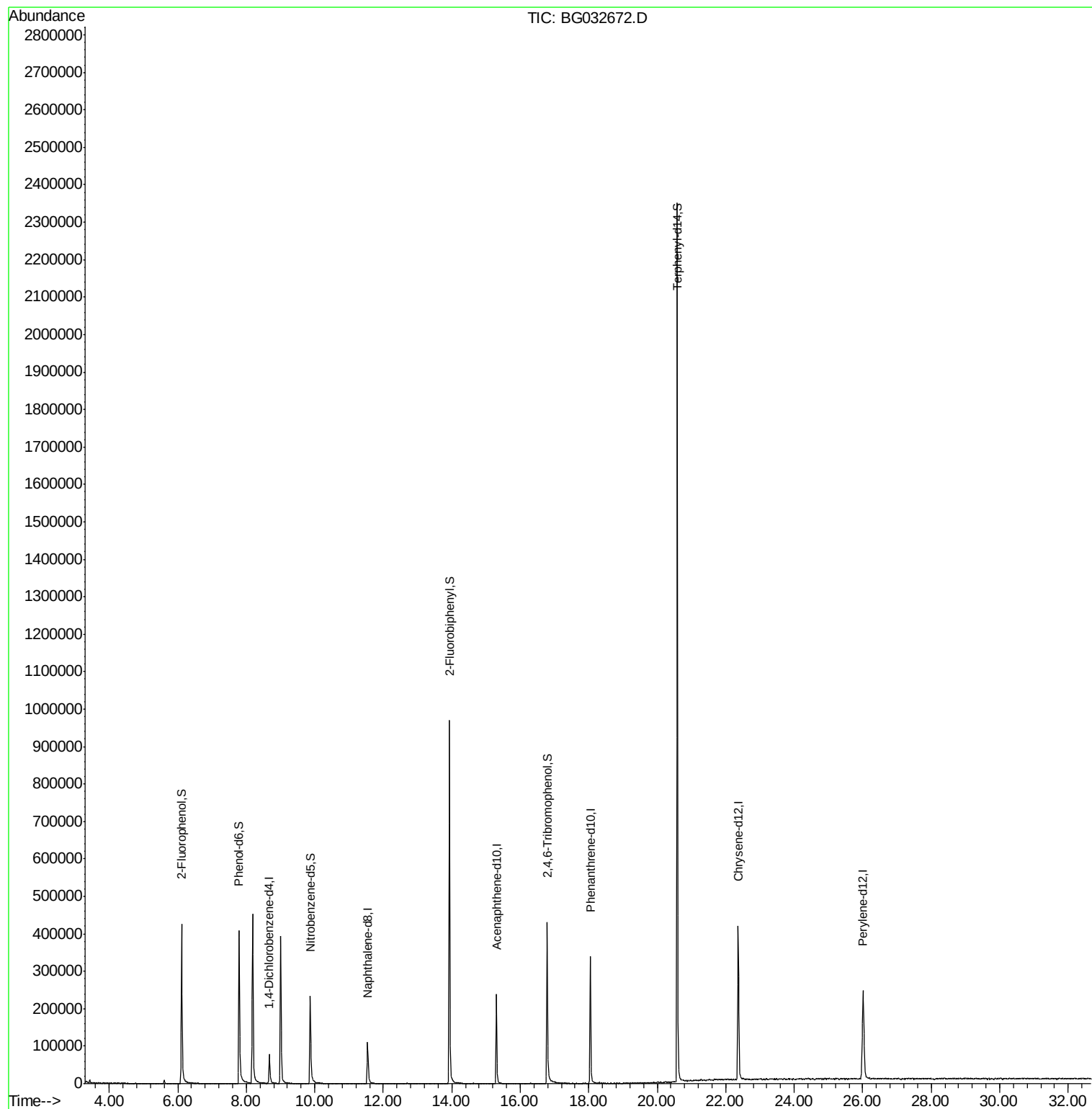
Target Compounds Qvalue

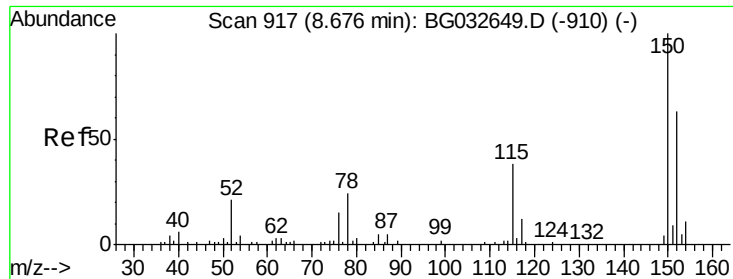
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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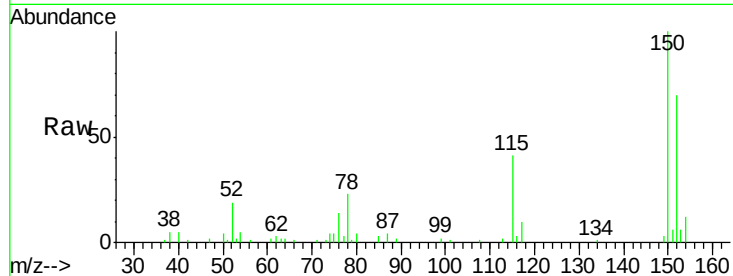


#1

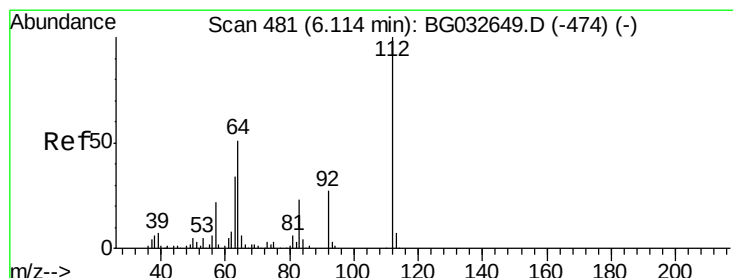
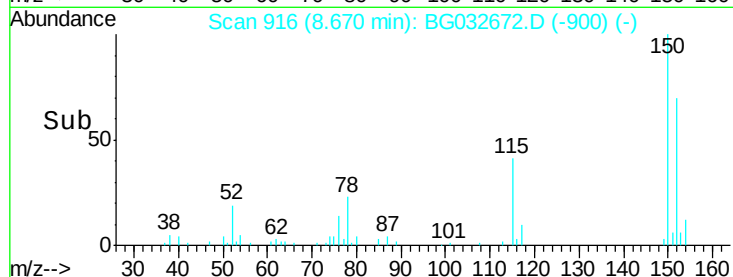
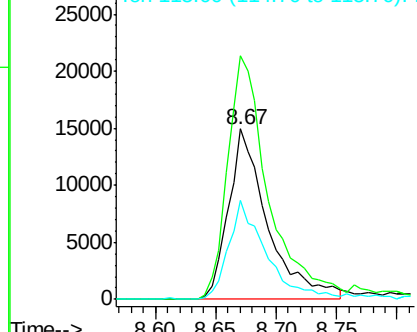
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Instrument :
BNA_G
ClientSampleId :
PB106453TB

Tot Ion:152 Resp: 33809
Ion Ratio Lower Upper
152 100
150 143.1 126.6 189.8
115 58.5 53.0 79.4



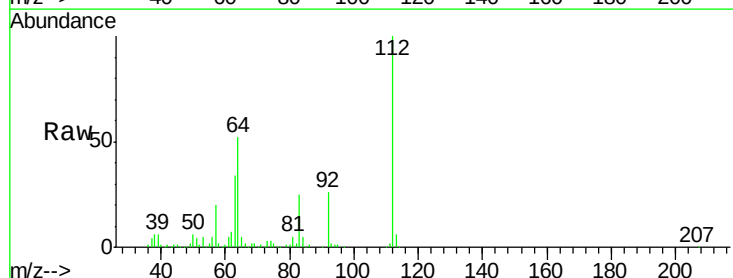
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



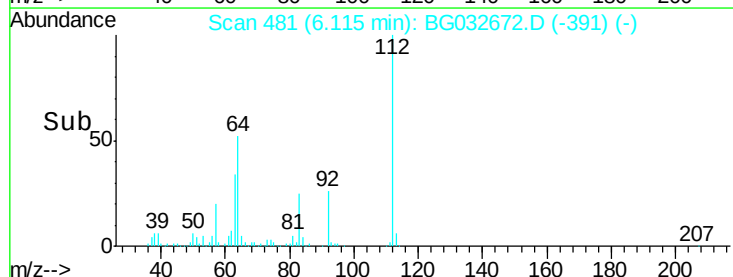
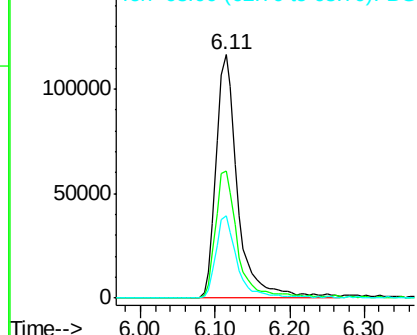
#5

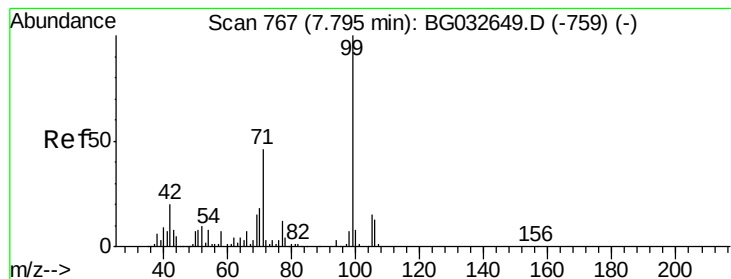
2-Fluorophenol
Concen: 139.465 ng
RT: 6.11 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:112 Resp: 235013
Ion Ratio Lower Upper
112 100
64 52.0 56.3 84.5#
63 33.8 30.1 45.1



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: 122.056 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG032672.D

Acq: 13 Feb 2018 22:21

Instrument :

BNA_G

ClientSampleId :

PB106453TB

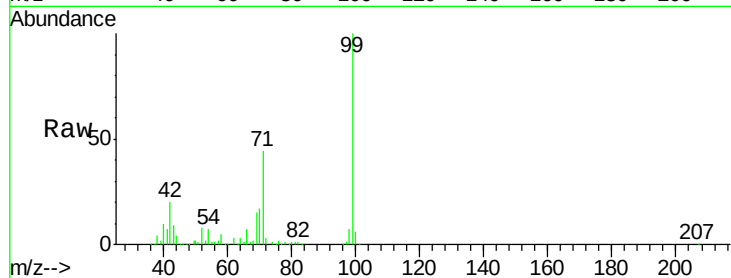
Tot Ion: 99 Resp: 281240

Ion Ratio Lower Upper

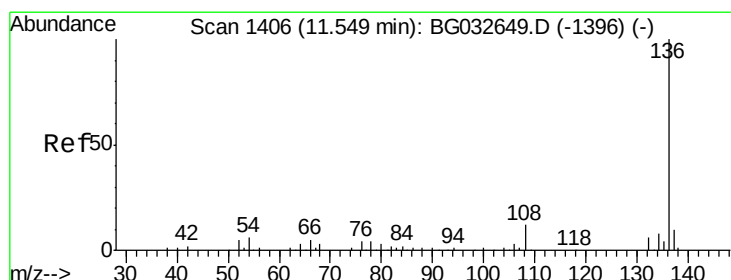
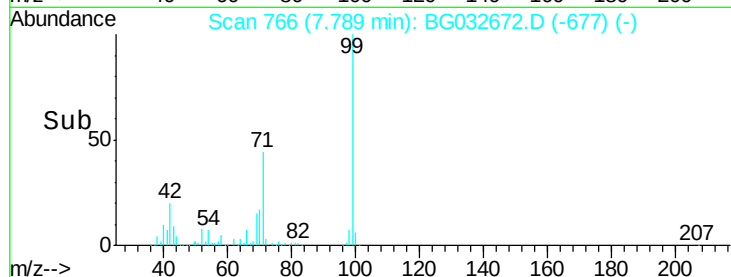
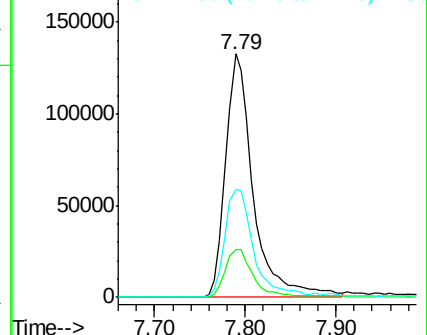
99 100

42 19.5 14.1 21.1

71 44.3 26.1 39.1#



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: 20.000 ng

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG032672.D

Acq: 13 Feb 2018 22:21

Tgt Ion: 136 Resp: 126789

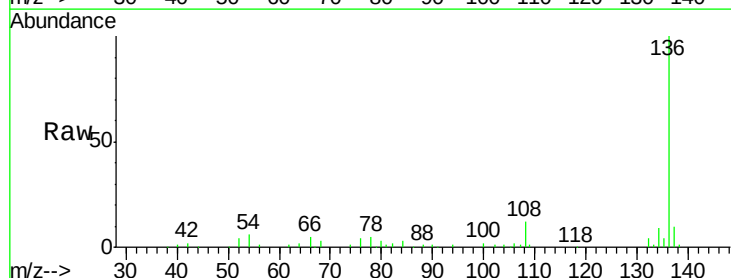
Ion Ratio Lower Upper

136 100

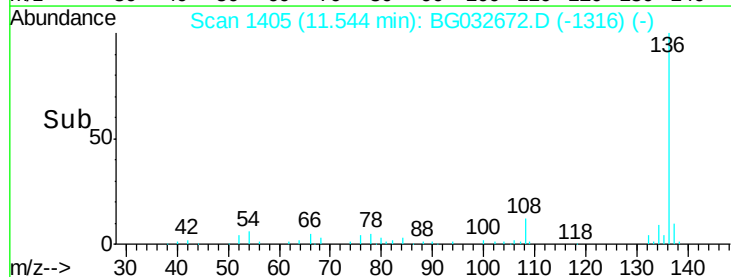
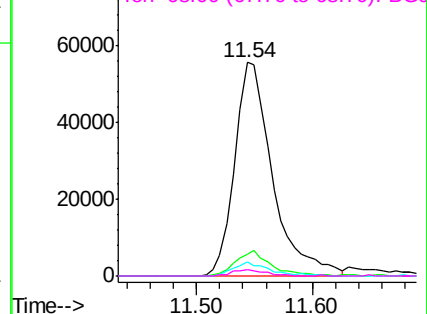
137 10.1 9.2 13.8

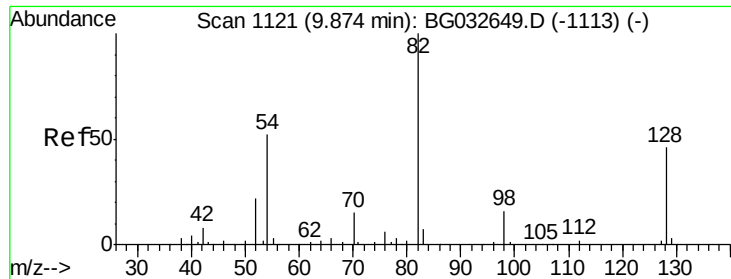
54 6.4 10.3 15.5#

68 3.0 4.5 6.7#



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

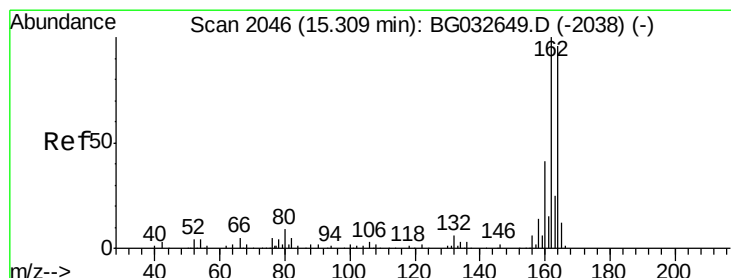
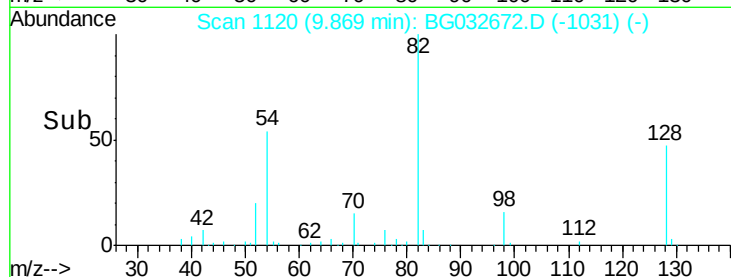
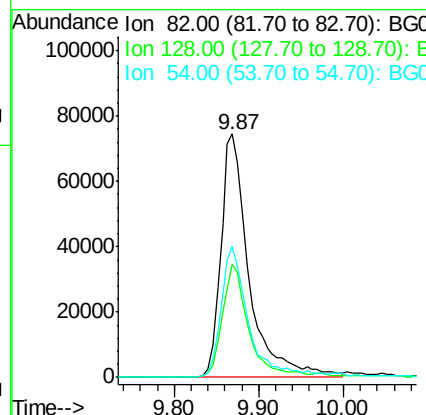
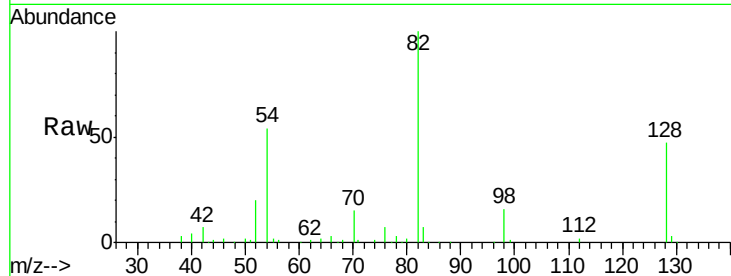




#23
 Nitrobenzene-d5
 Concen: 86.479 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BG032672.D
 Acq: 13 Feb 2018 22:21

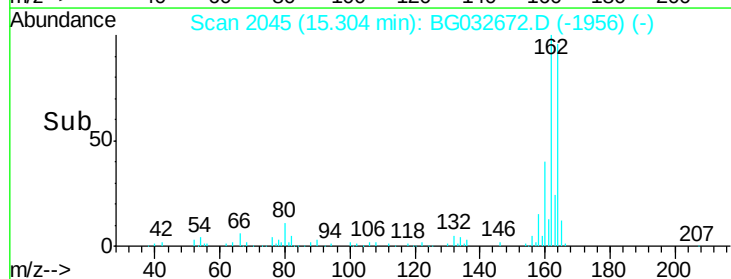
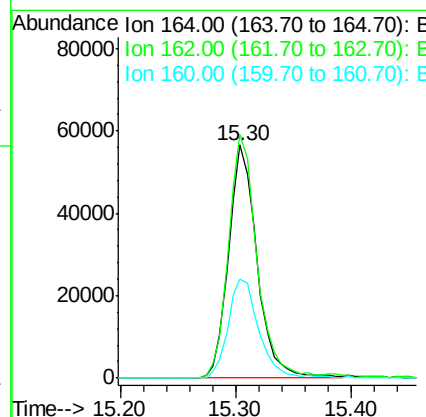
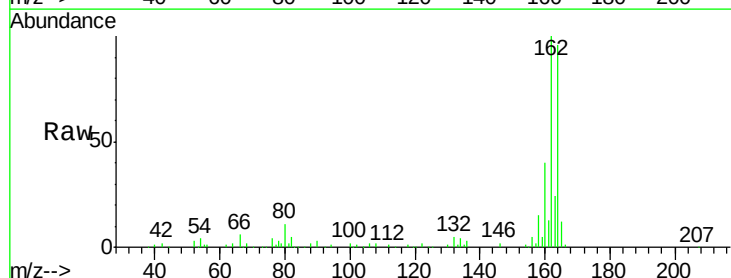
Instrument :
 BNA_G
 ClientSampleId :
 PB106453TB

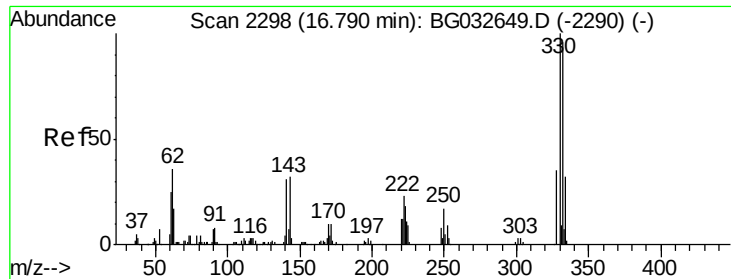
Tot Ion: 82 Resp: 172521
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 53.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG032672.D
 Acq: 13 Feb 2018 22:21

Tgt Ion:164 Resp: 96650
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 42.2 35.4 53.0

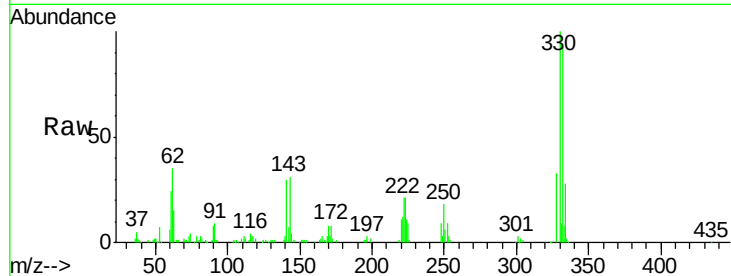




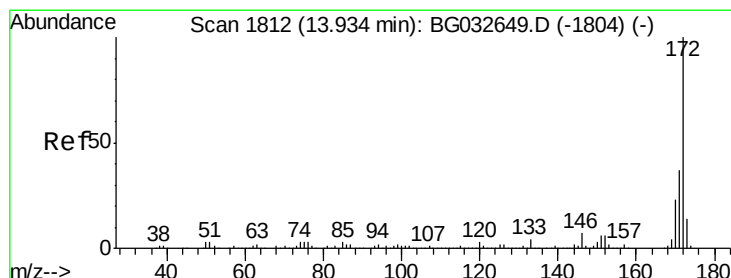
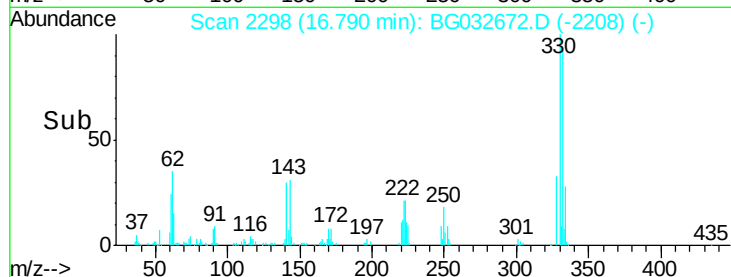
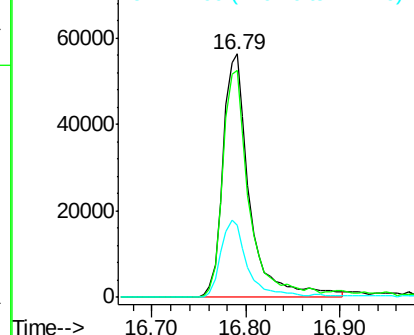
#41
 2,4,6-Tribromophenol
 Concen: 74.941 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: BG032672.D
 Acq: 13 Feb 2018 22:21

Instrument :
 BNA_G
 ClientSampleId :
 PB106453TB

Tot Ion:330 Resp: 111528
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 31.7 25.2 37.8

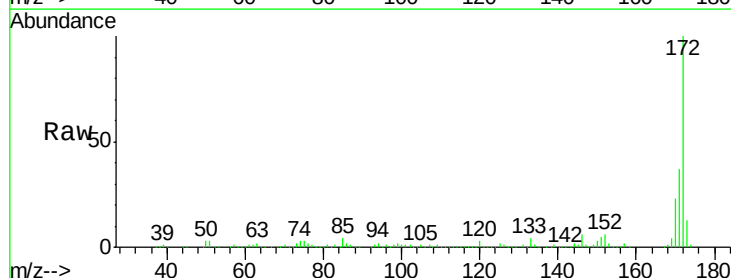


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

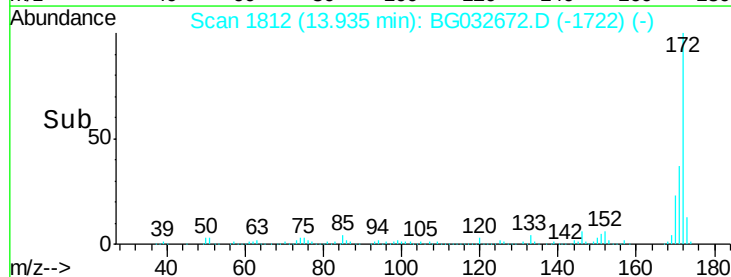
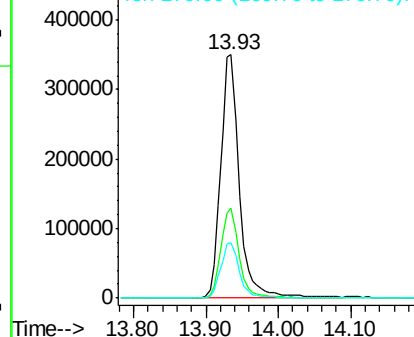


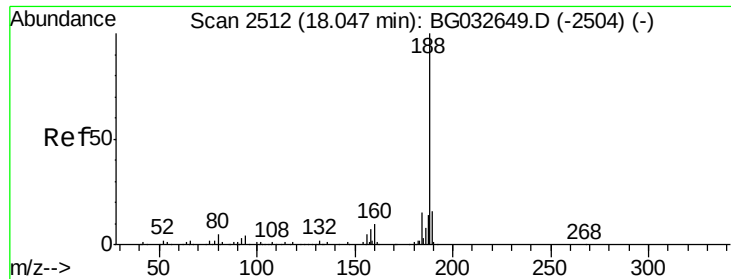
#44
 2-Fluorobiphenyl
 Concen: 81.365 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG032672.D
 Acq: 13 Feb 2018 22:21

Tgt Ion:172 Resp: 628845
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 22.9 19.5 29.3



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

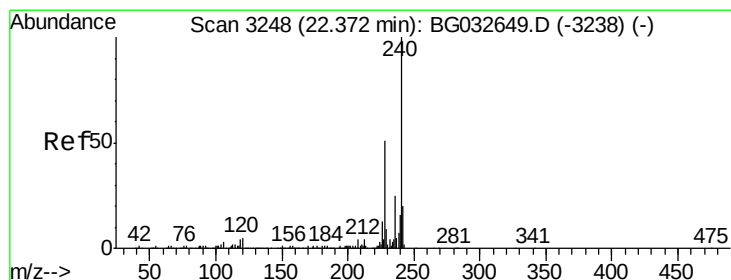
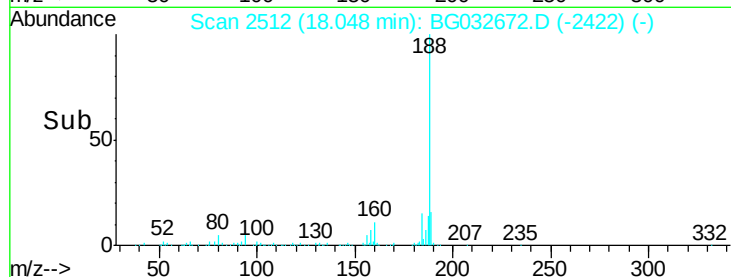
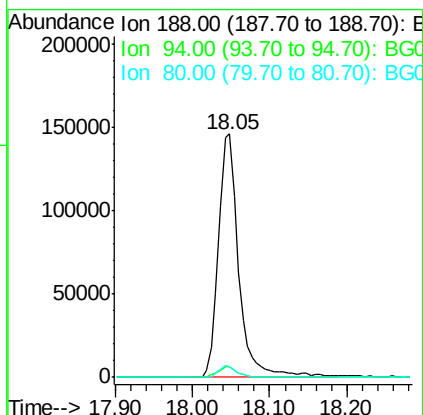
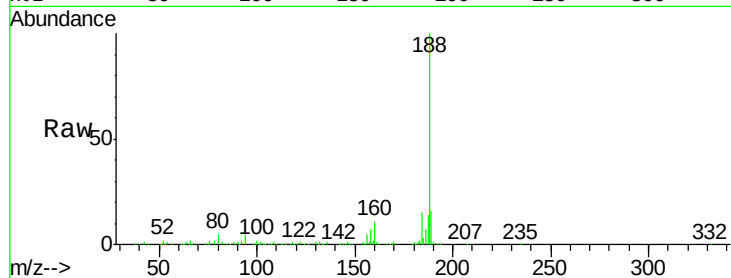




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.05 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

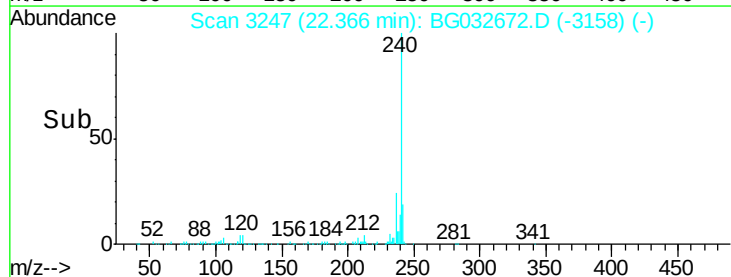
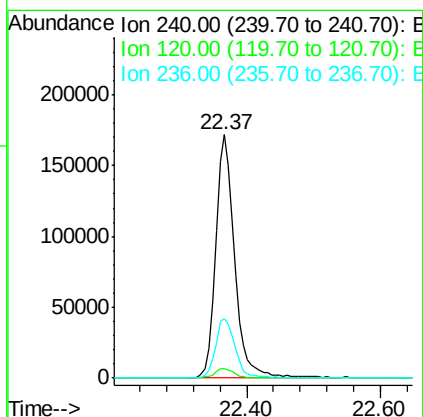
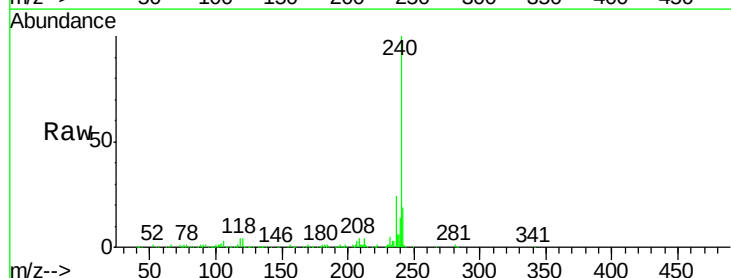
Instrument :
BNA_G
ClientSampleId :
PB106453TB

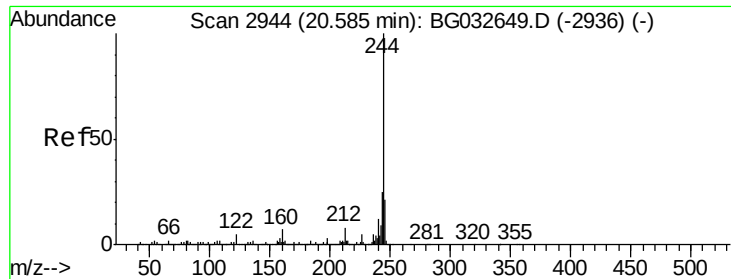
Tot Ion:188 Resp: 266423
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG032672.D
Acq: 13 Feb 2018 22:21

Tgt Ion:240 Resp: 343996
Ion Ratio Lower Upper
240 100
120 3.7 6.8 10.2#
236 24.2 20.9 31.3





#78

Terphenyl-d14

Concen: 86.346 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032672.D

Acq: 13 Feb 2018 22:21

Instrument :

BNA_G

ClientSampleId :

PB106453TB

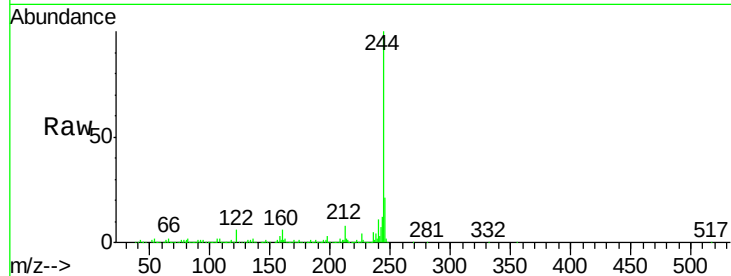
Tot Ion:244 Resp: 1303202

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

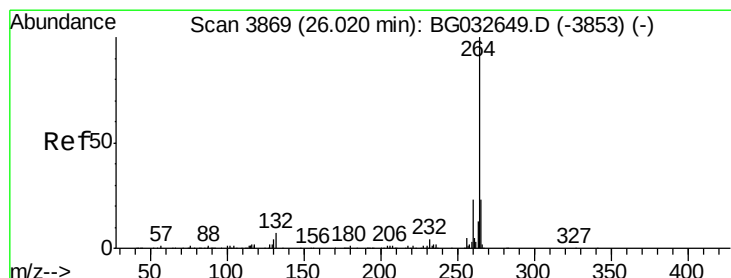
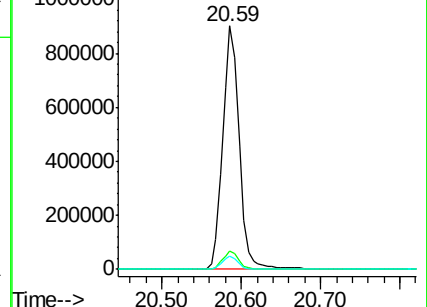
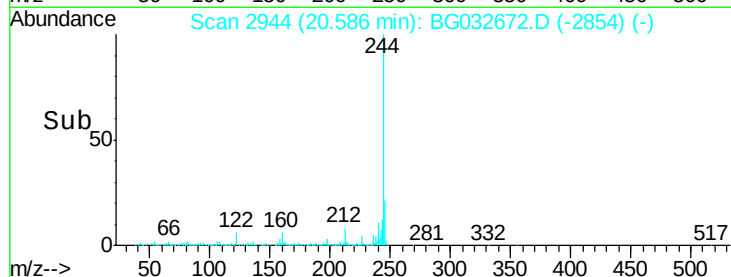
122 5.5 7.0 10.4#



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: 20.000 ng

RT: 26.01 min Scan# 3868

Delta R.T. -0.01 min

Lab File: BG032672.D

Acq: 13 Feb 2018 22:21

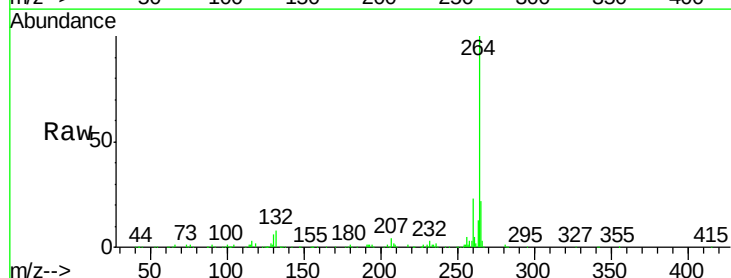
Tgt Ion:264 Resp: 348364

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.7 17.7 26.5



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

