

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036661.D
 Acq On : 11 Sep 2018 18:11
 Operator : JU/SJ
 Sample : J4841-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-U-B

Quant Time: Sep 11 18:54:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

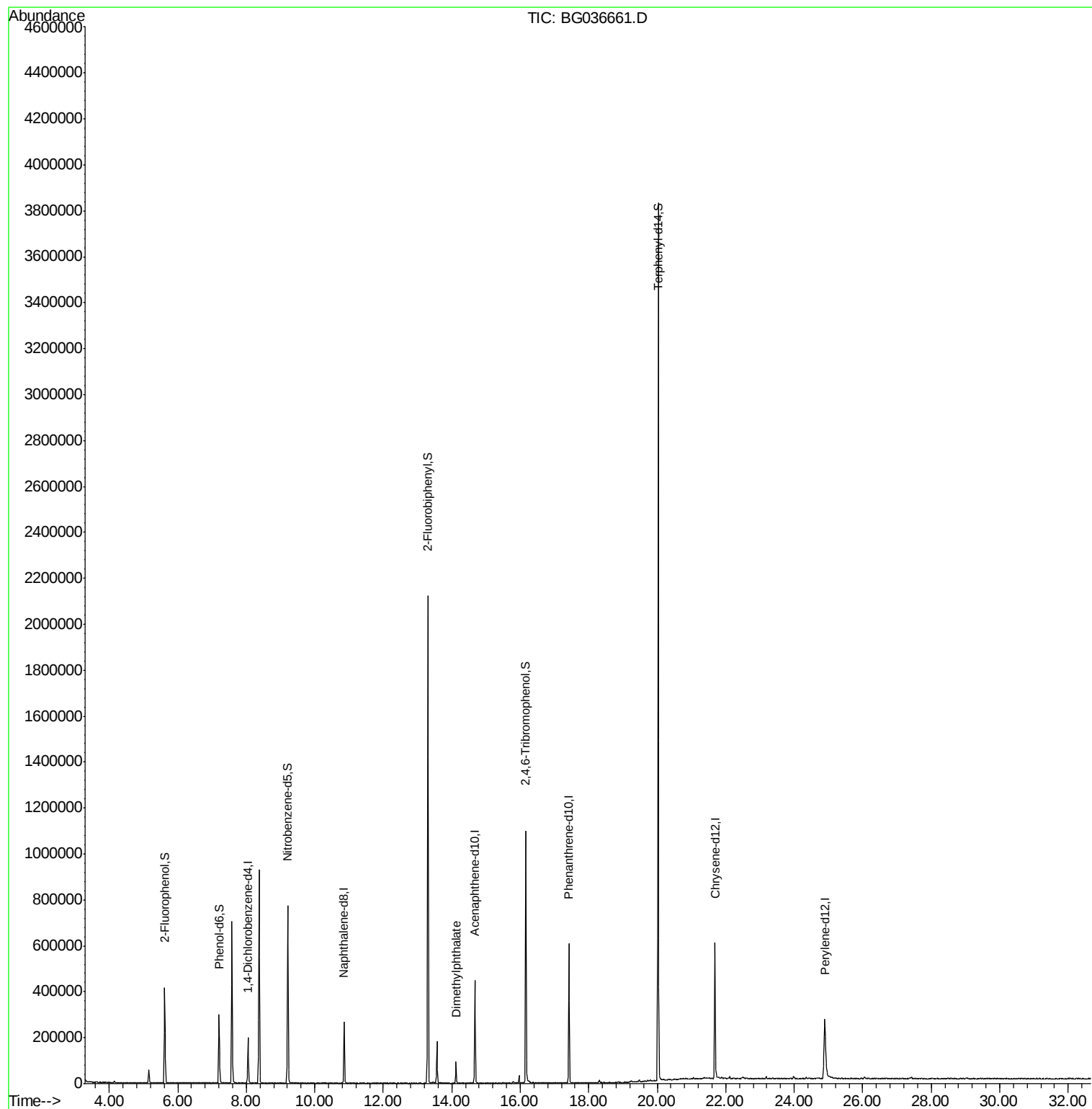
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56166	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	231004	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	151310	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	387227	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	394218	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	177076	50.01	ng	0.00
7) Phenol-d6	7.21	99	175378	34.60	ng	-0.01
23) Nitrobenzene-d5	9.22	82	476409	111.90	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206737	114.51	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1122155	105.89	ng	-0.01
78) Terphenyl-d14	20.03	244	1740847	103.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	61831	5.004	ng	Qvalue 98

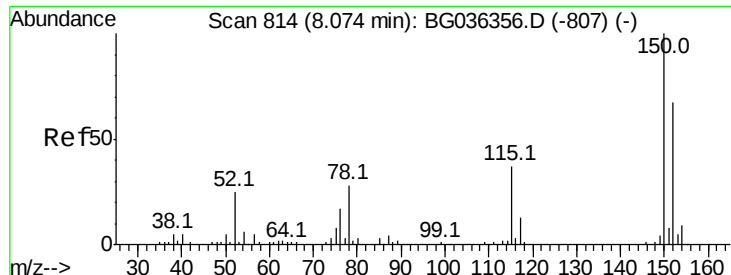
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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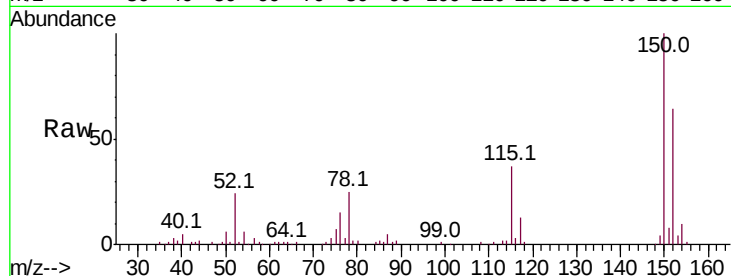


#1

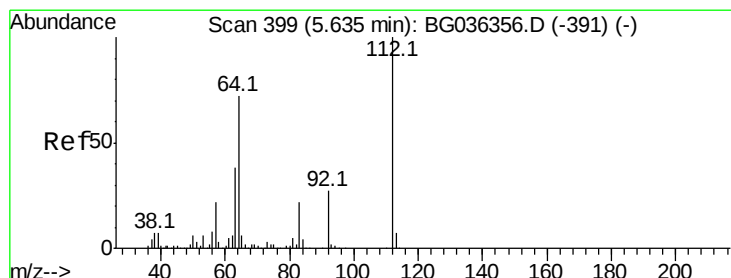
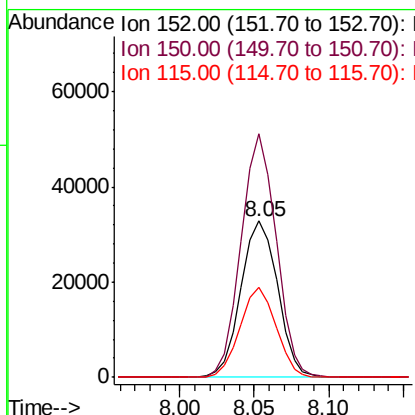
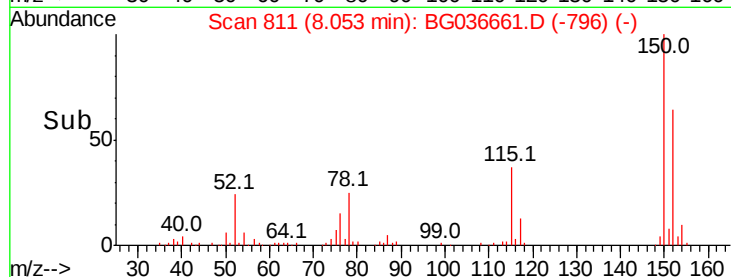
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036661.D
 Acq: 11 Sep 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	57.6	44.5	66.7



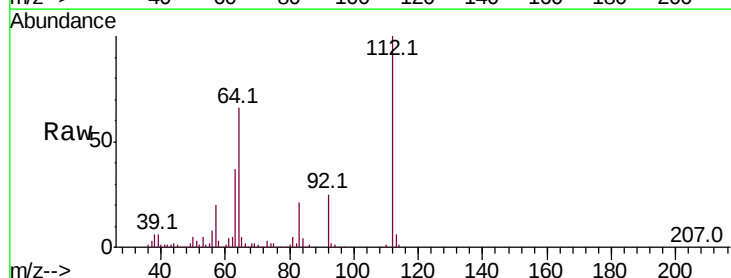
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



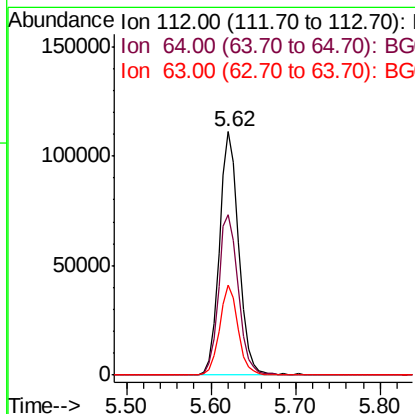
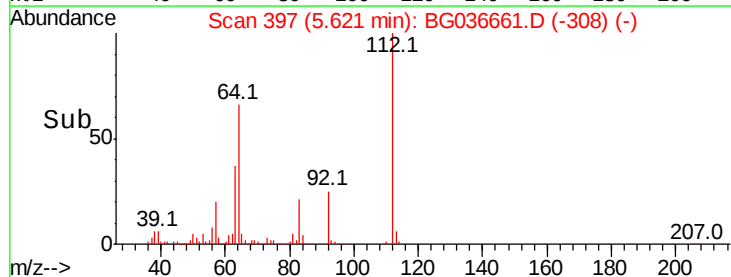
#5

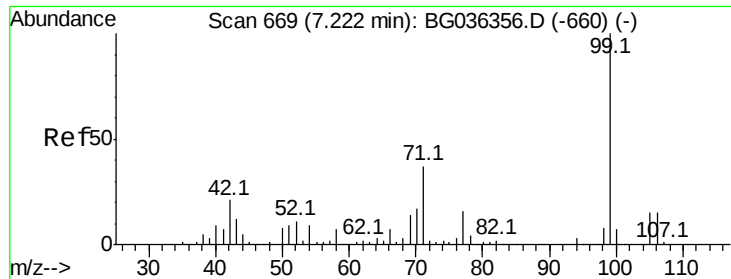
2-Fluorophenol
 Concen: 50.012 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036661.D
 Acq: 11 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	57.2	85.8
63	36.8	30.8	46.2



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





#7

Phenol-d6

Concen: 34.595 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036661.D

Acq: 11 Sep 2018 18:11

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-U-B

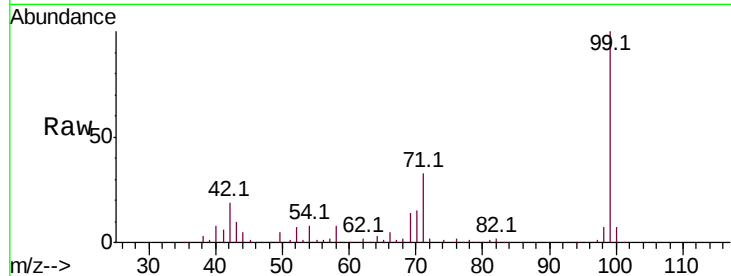
Tot Ion: 99 Resp: 175378

Ion Ratio Lower Upper

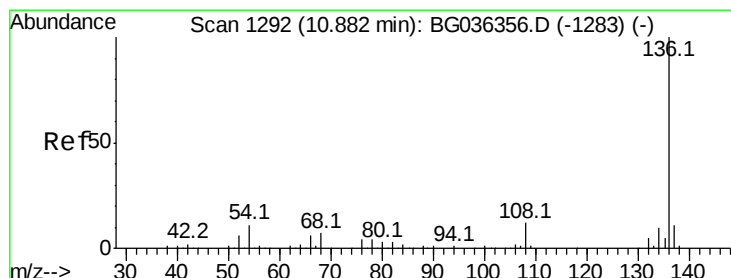
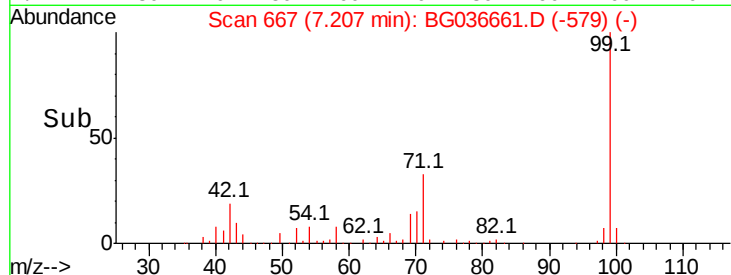
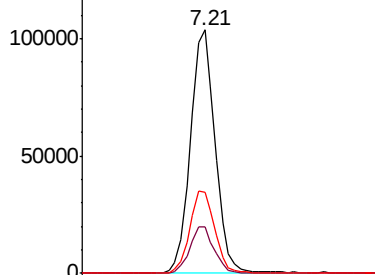
99 100

42 19.4 16.5 24.7

71 33.4 29.4 44.2



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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036661.D

Acq: 11 Sep 2018 18:11

Tgt Ion: 136 Resp: 231004

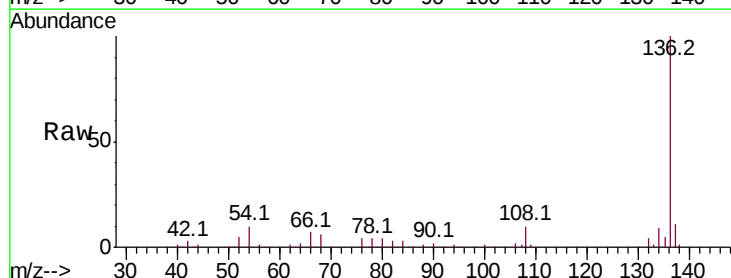
Ion Ratio Lower Upper

136 100

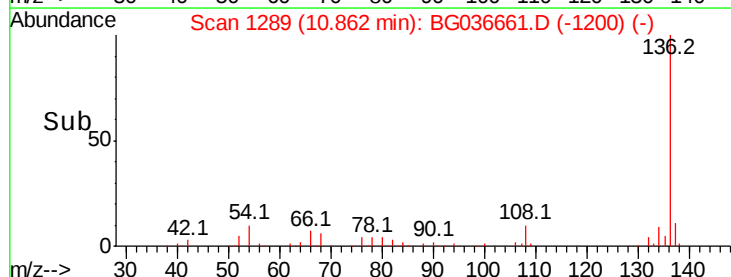
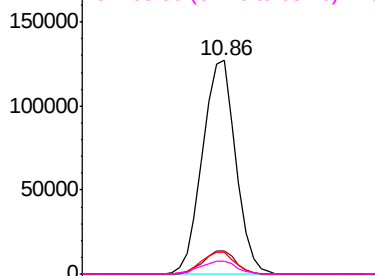
137 10.9 8.8 13.2

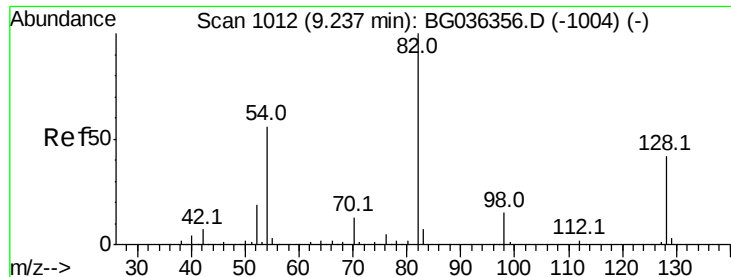
54 10.3 9.2 13.8

68 5.9 5.8 8.6



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

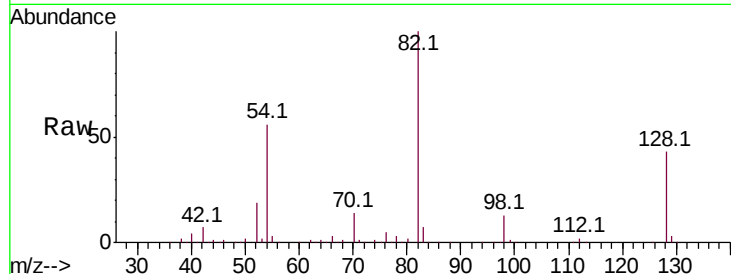




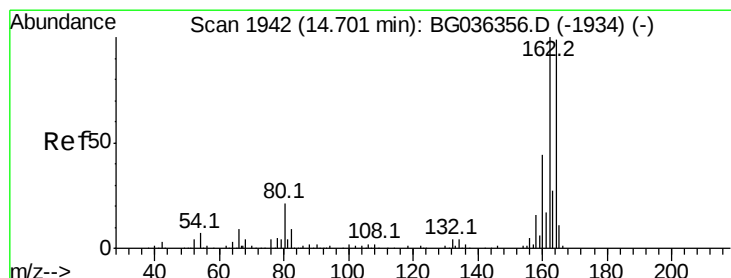
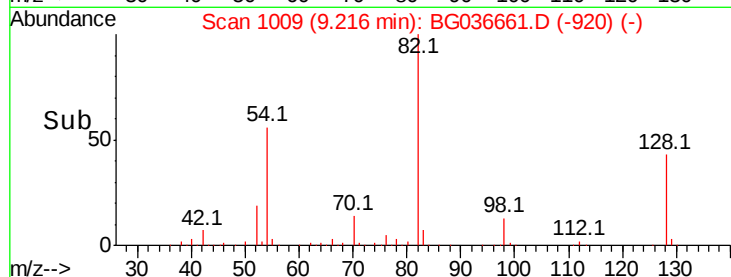
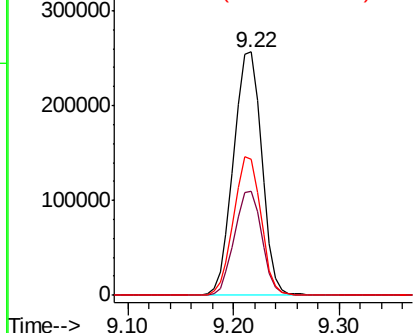
#23
Nitrobenzene-d5
Concen: 111.896 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :
090718-DBRI-F-U-B

Tot Ion: 82 Resp: 476409
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 56.1 45.1 67.7

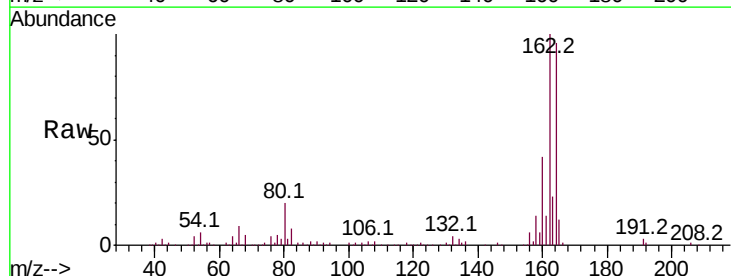


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

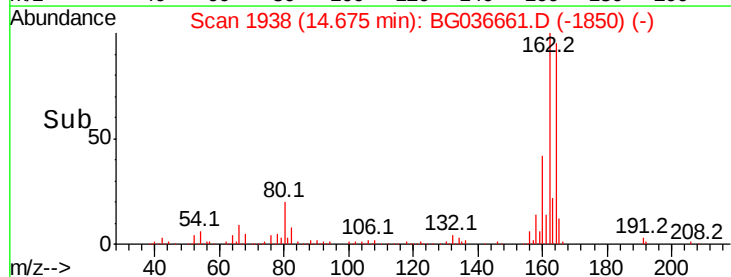
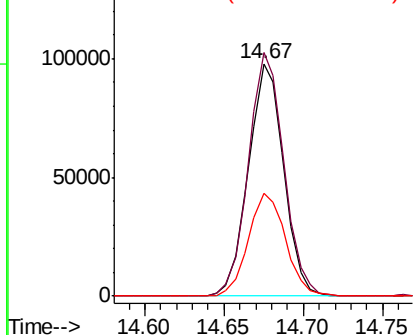


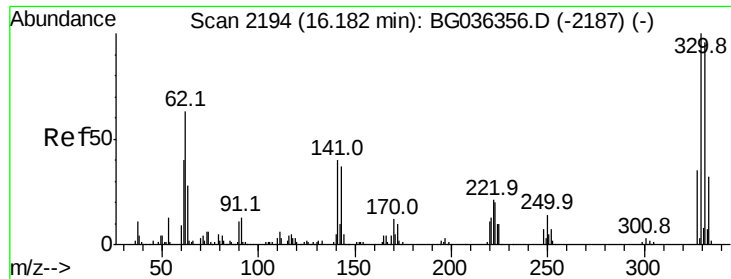
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:164 Resp: 151310
Ion Ratio Lower Upper
164 100
162 104.7 80.7 121.1
160 44.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

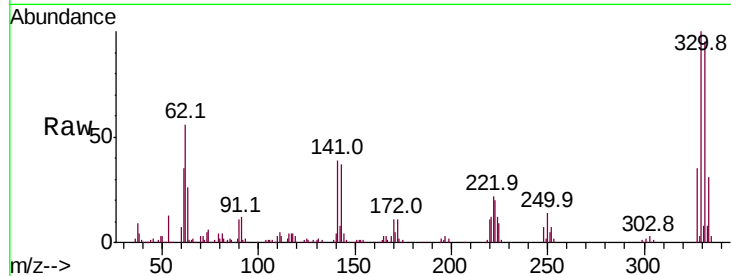




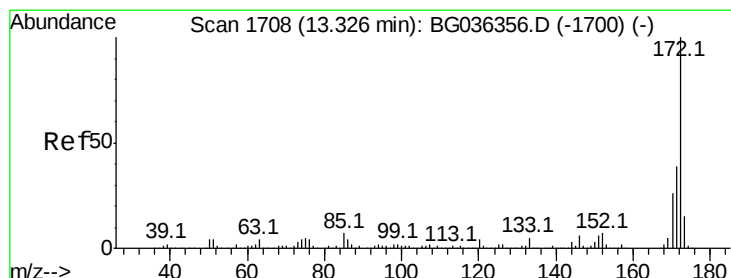
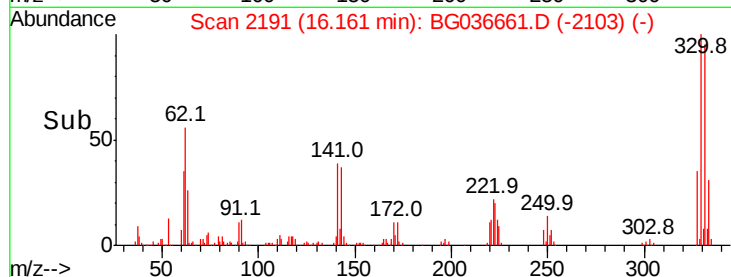
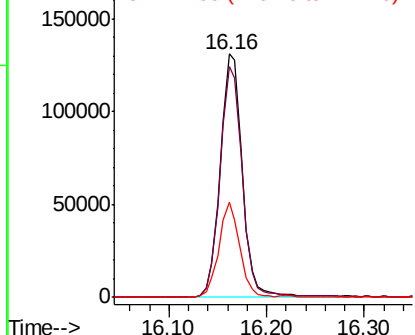
#41
2,4,6-Tribromophenol
Concen: 114.506 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Instrument :
BNA_G
ClientSampleId :
090718-DBRI-F-U-B

Tot Ion:330 Resp: 206737
Ion Ratio Lower Upper
330 100
332 95.7 75.4 113.2
141 37.1 30.7 46.1

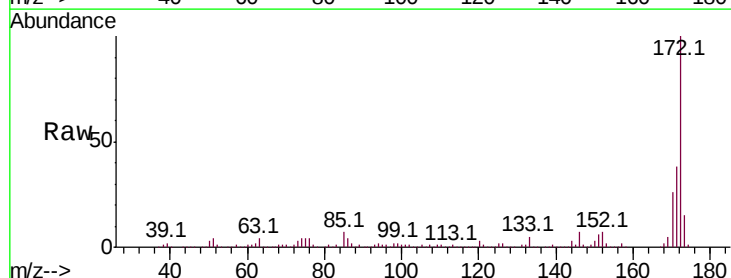


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

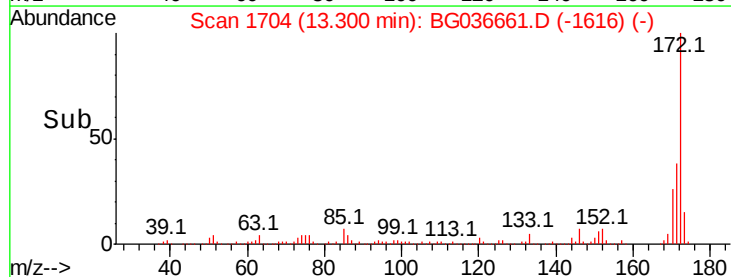
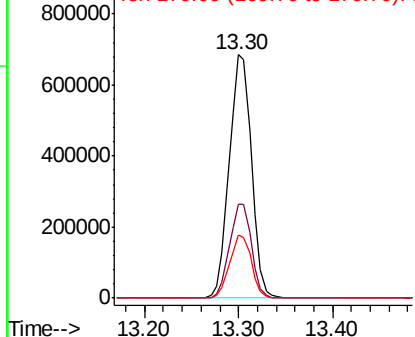


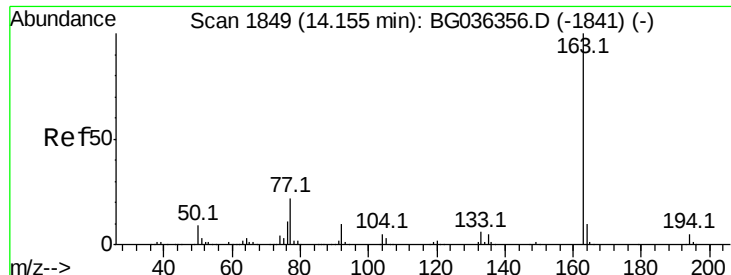
#44
2-Fluorobiphenyl
Concen: 105.891 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036661.D
Acq: 11 Sep 2018 18:11

Tgt Ion:172 Resp: 1122155
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 25.7 21.0 31.6



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





#49

Dimethylphthalate

Concen: 5.004 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036661.D

Acq: 11 Sep 2018 18:11

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-U-B

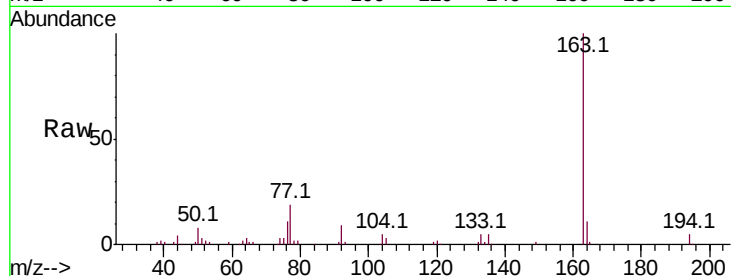
Tot Ion:163 Resp: 61831

Ion Ratio Lower Upper

163 100

194 5.5 4.0 6.0

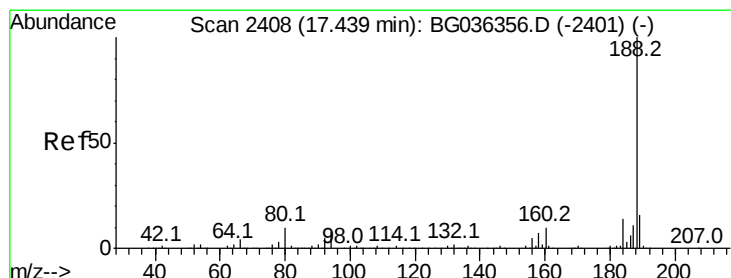
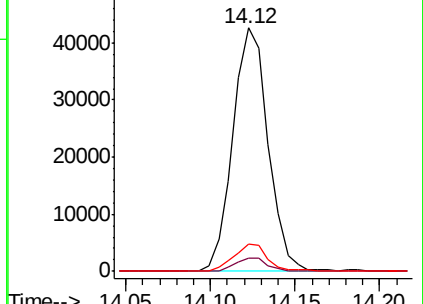
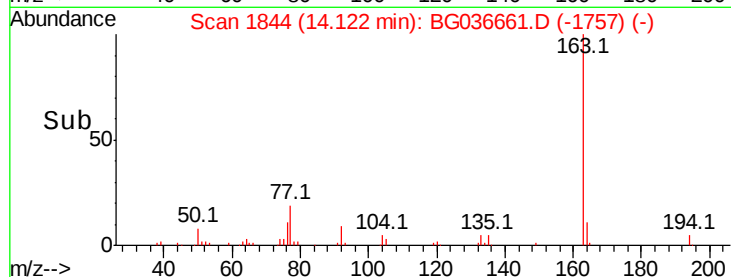
164 11.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036661.D

Acq: 11 Sep 2018 18:11

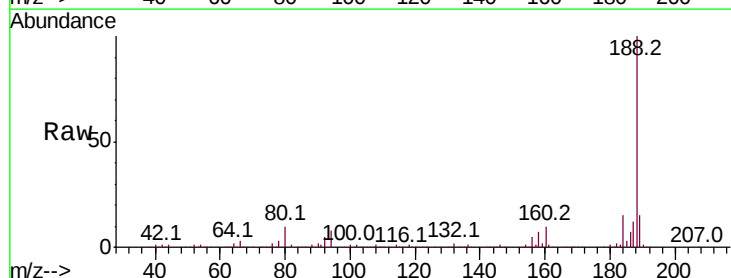
Tgt Ion:188 Resp: 387227

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

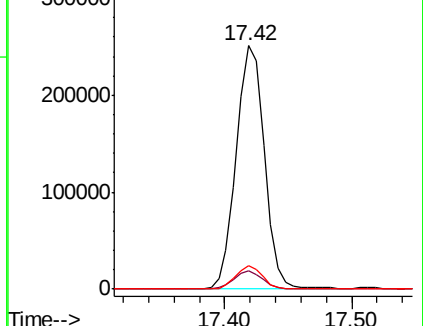
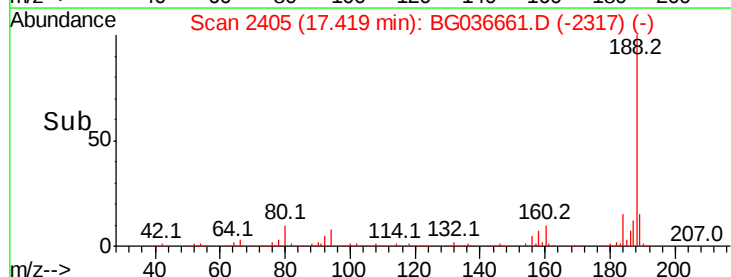
80 9.6 8.1 12.1

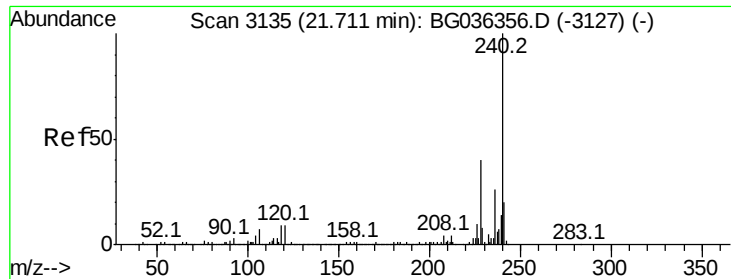


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036661.D

Acq: 11 Sep 2018 18:11

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-U-B

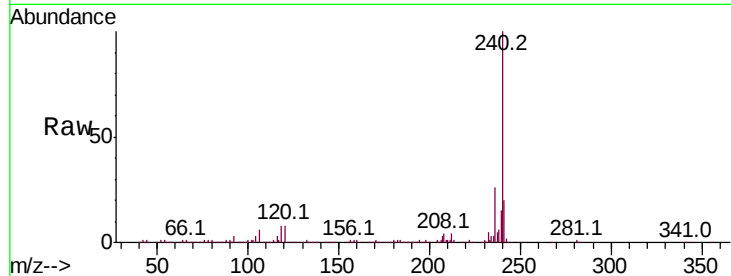
Tot Ion:240 Resp: 394218

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

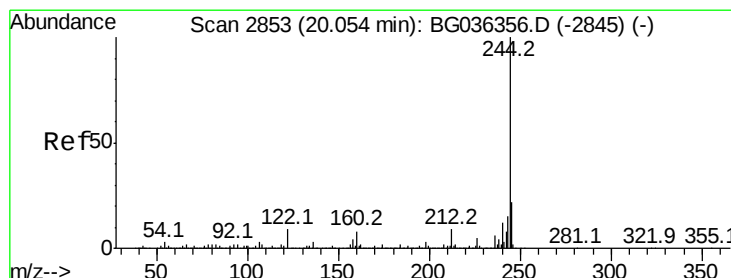
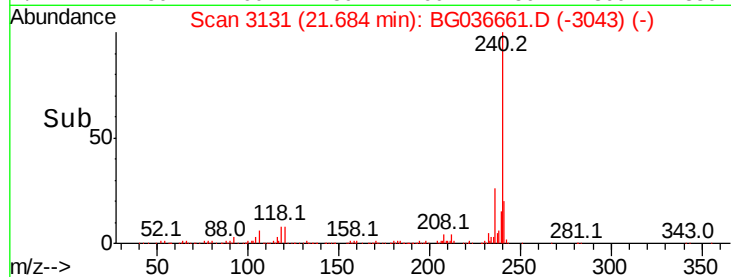
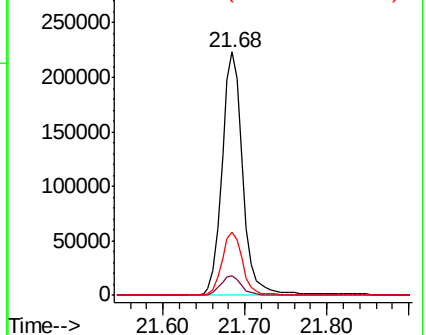
236 25.7 21.2 31.8



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: 103.216 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036661.D

Acq: 11 Sep 2018 18:11

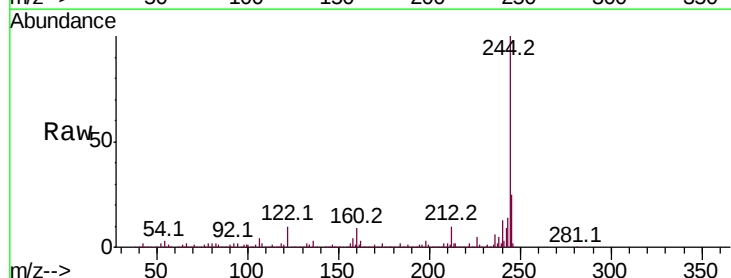
Tgt Ion:244 Resp: 1740847

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

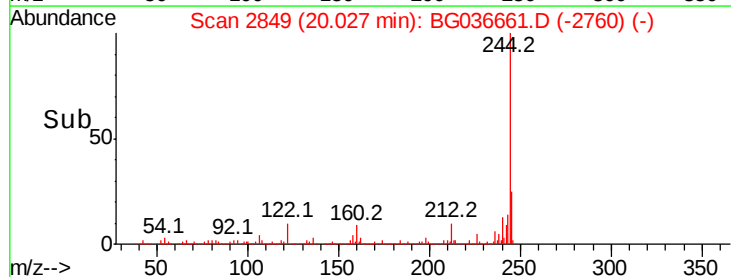
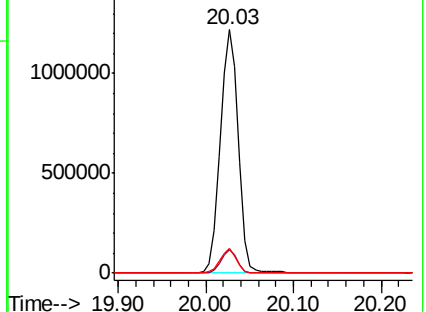
122 9.9 7.1 10.7

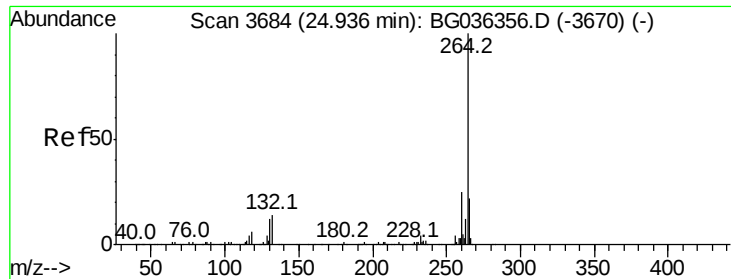


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036661.D
 Acq: 11 Sep 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-U-B

Tot Ion:	264	Resp:	348388
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.9	17.4	26.0

