

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036663.D
 Acq On : 11 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J4841-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 12 04:20:49 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

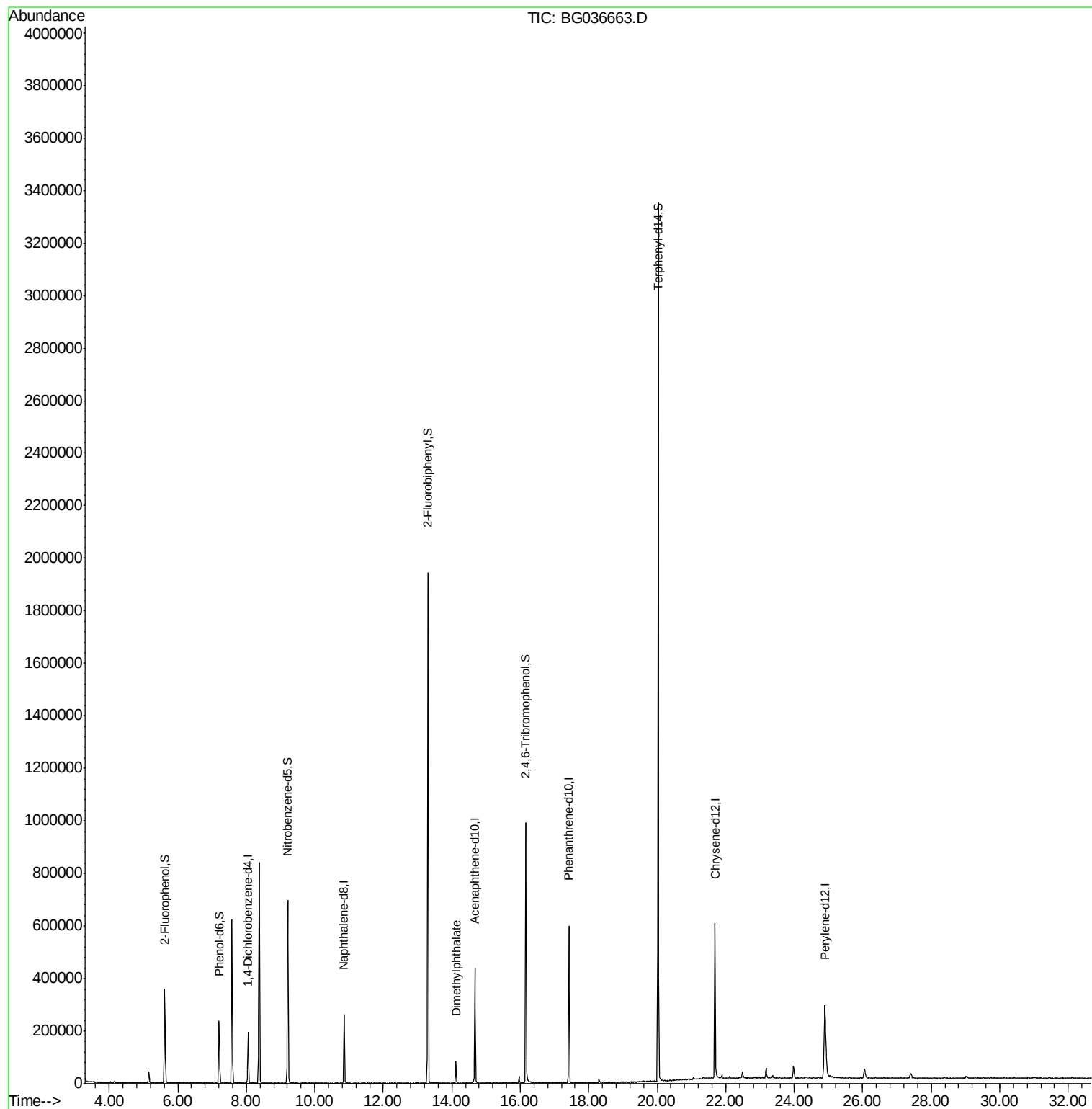
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53369	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	224611	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	149933	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385605	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	393451	20.00	ng	-0.01
86) Perylene-d12	24.89	264	355751	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	151128	44.92	ng	0.00
7) Phenol-d6	7.21	99	138138	28.68	ng	-0.01
23) Nitrobenzene-d5	9.22	82	435277	105.14	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	185343	103.60	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1017297	96.88	ng	0.00
78) Terphenyl-d14	20.03	244	1568451	93.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	58467	4.776	ng	Qvalue 97

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

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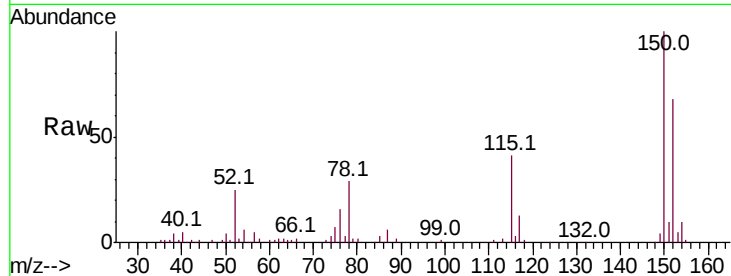


#1

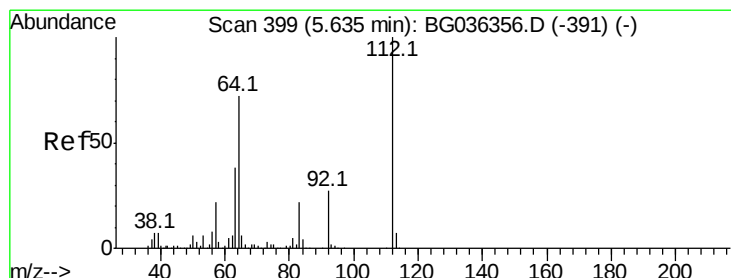
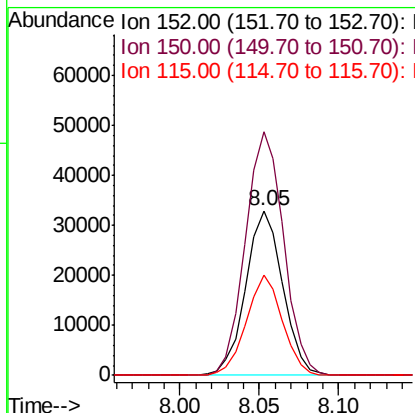
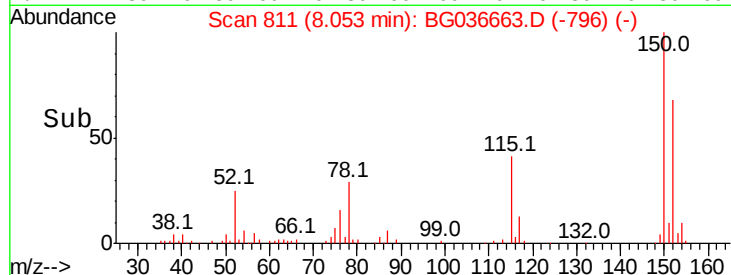
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

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

Tot Ion:152 Resp: 53369
Ion Ratio Lower Upper
152 100
150 148.0 119.5 179.3
115 60.6 44.5 66.7



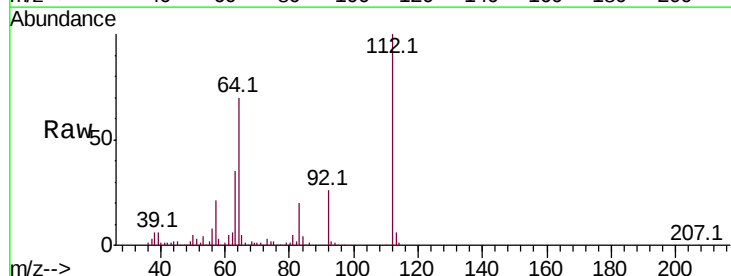
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



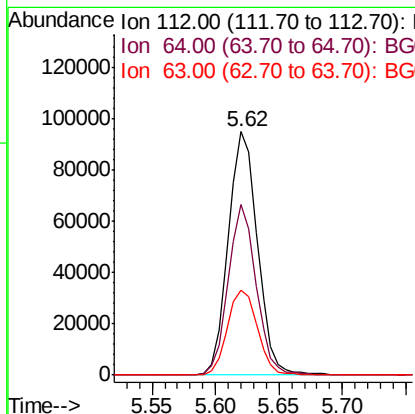
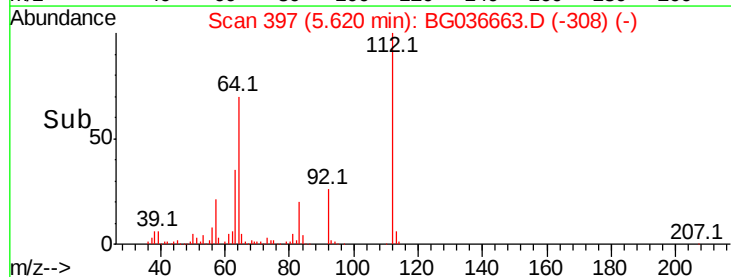
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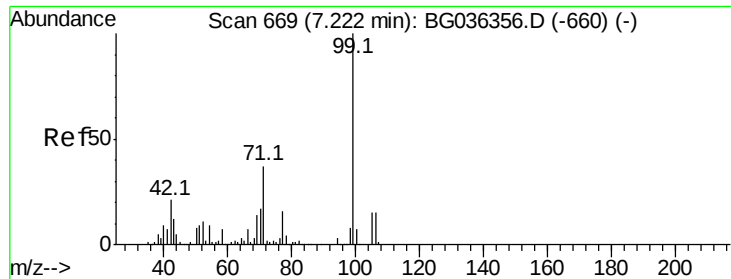
2-Fluorophenol
Concen: 44.920 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion:112 Resp: 151128
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 35.0 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: 28.677 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-U-S

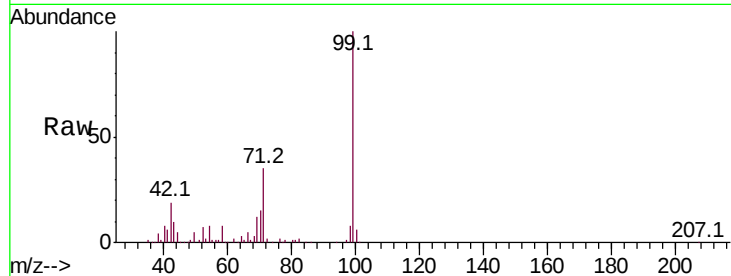
Tot Ion: 99 Resp: 138138

Ion Ratio Lower Upper

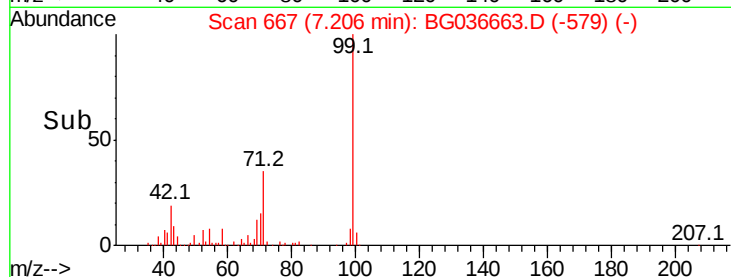
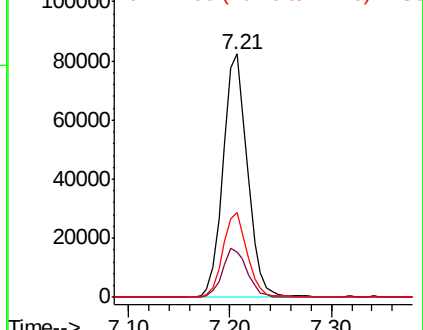
99 100

42 18.5 16.5 24.7

71 34.7 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# 1288

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Tgt Ion: 136 Resp: 224611

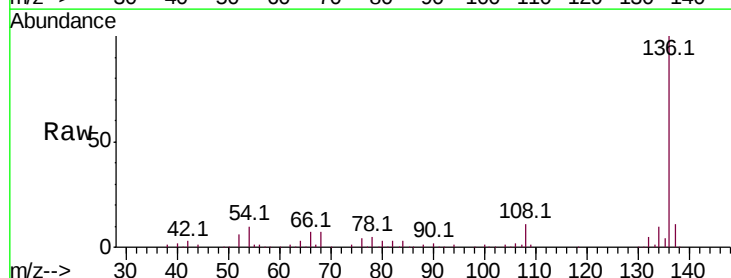
Ion Ratio Lower Upper

136 100

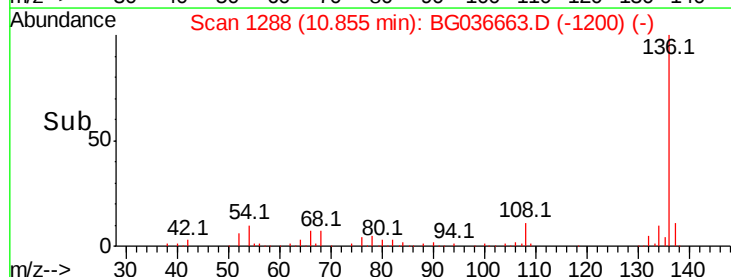
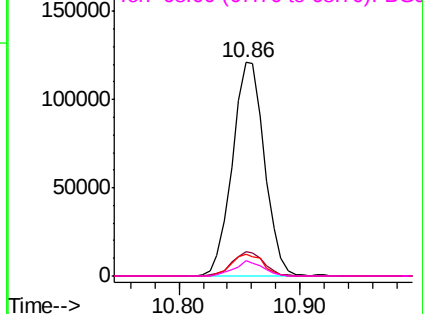
137 11.2 8.8 13.2

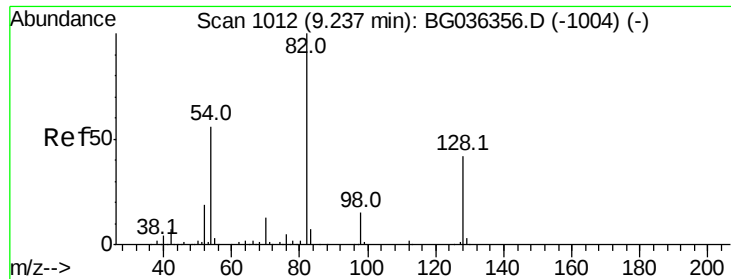
54 10.4 9.2 13.8

68 7.5 5.8 8.6



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

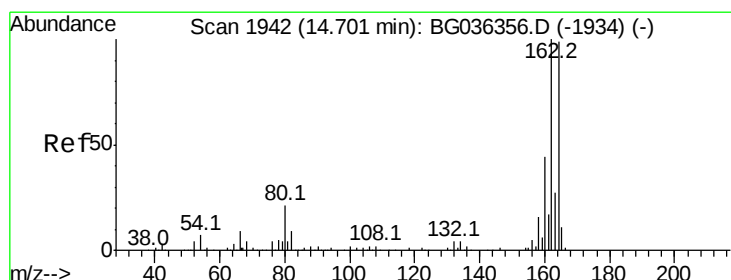
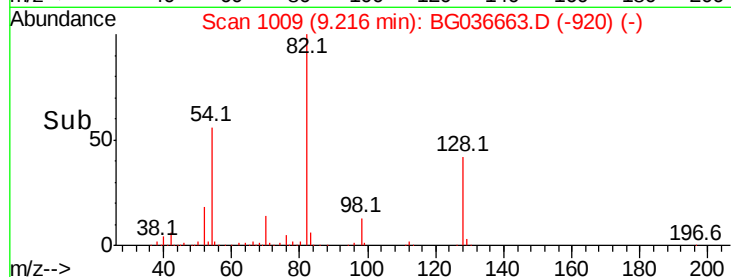
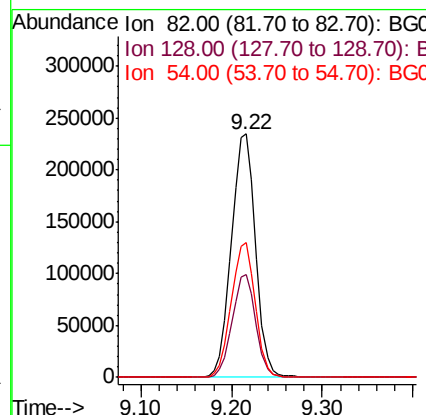
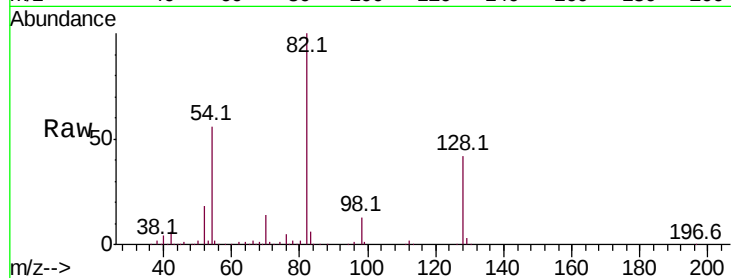




#23
 Nitrobenzene-d5
 Concen: 105.145 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036663.D
 Acq: 11 Sep 2018 19:29

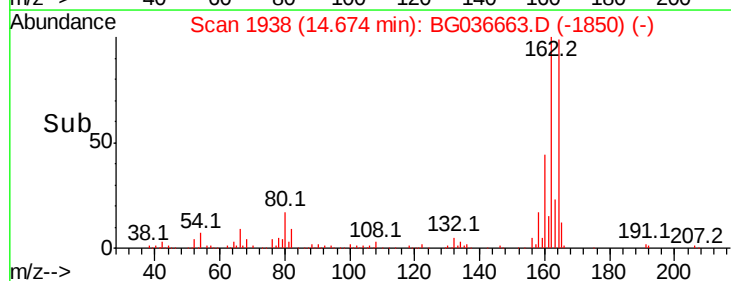
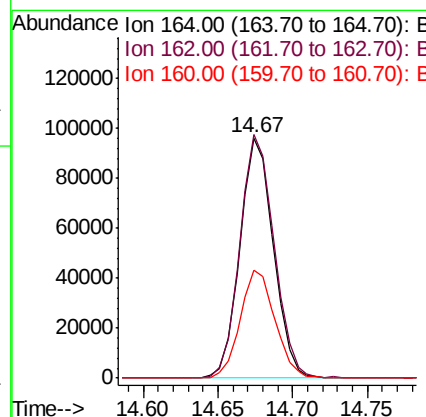
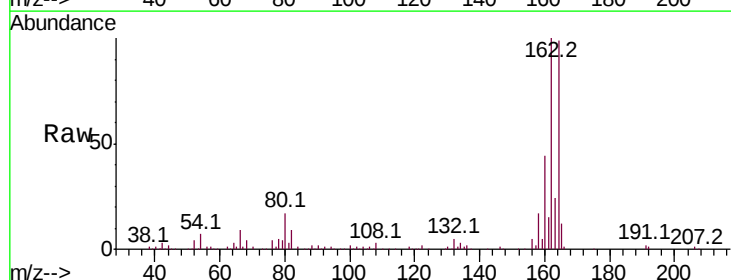
Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-U-S

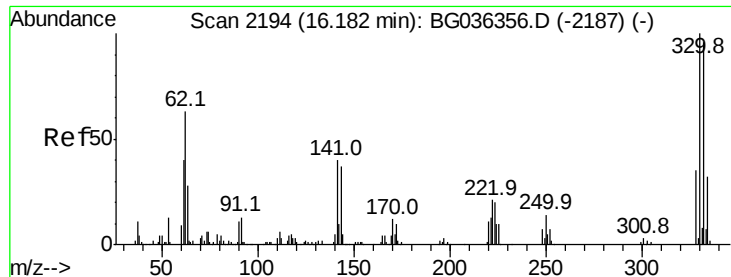
Tot Ion	82	Resp	435277
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	55.6	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036663.D
 Acq: 11 Sep 2018 19:29

Tgt Ion	164	Resp	149933
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	44.9	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 103.599 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-U-S

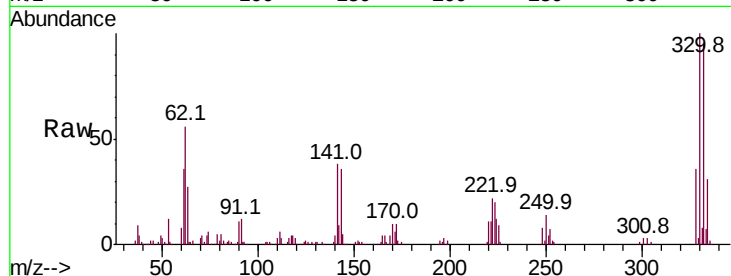
Tot Ion:330 Resp: 185343

Ion Ratio Lower Upper

330 100

332 97.1 75.4 113.2

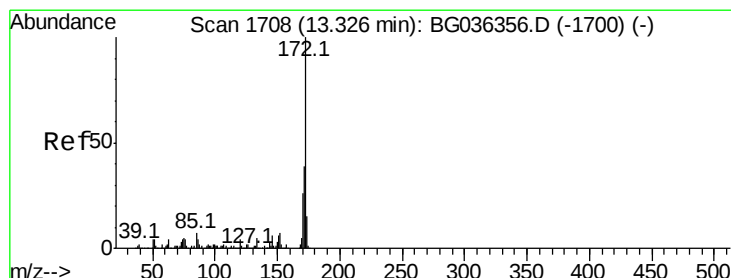
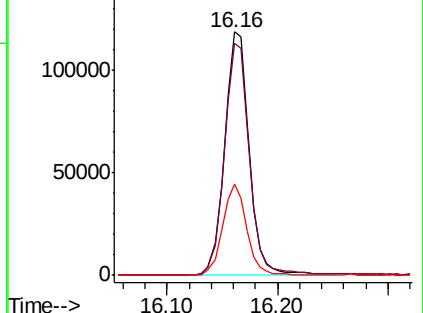
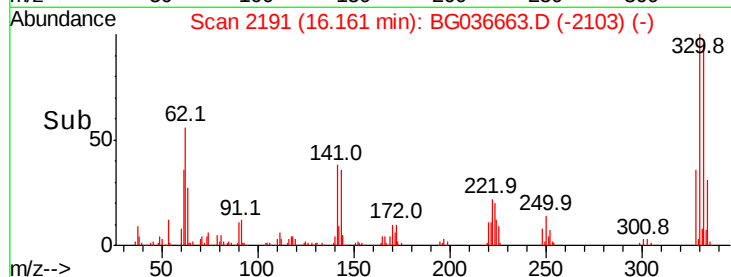
141 36.6 30.7 46.1



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: 96.878 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

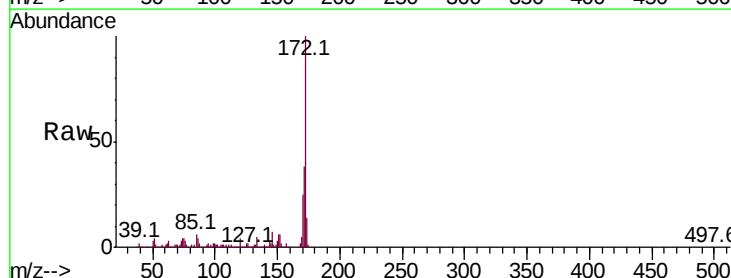
Tgt Ion:172 Resp: 1017297

Ion Ratio Lower Upper

172 100

171 38.4 31.3 46.9

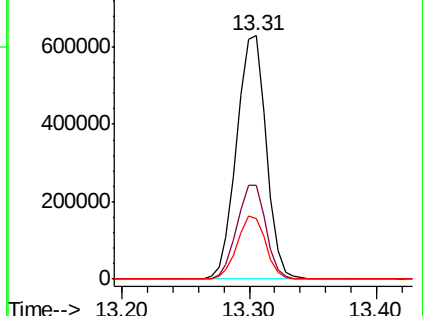
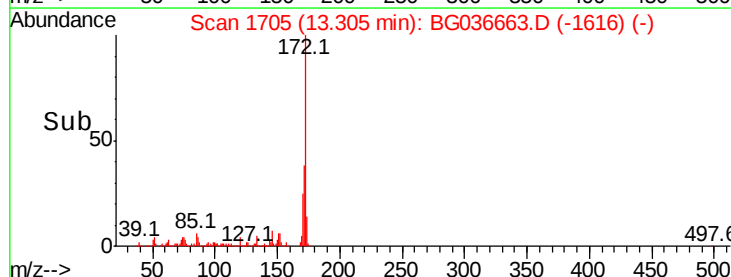
170 25.1 21.0 31.6



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

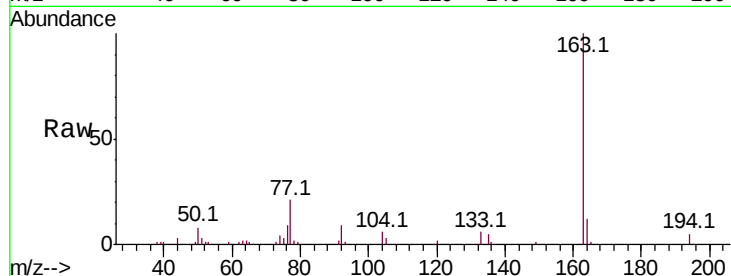




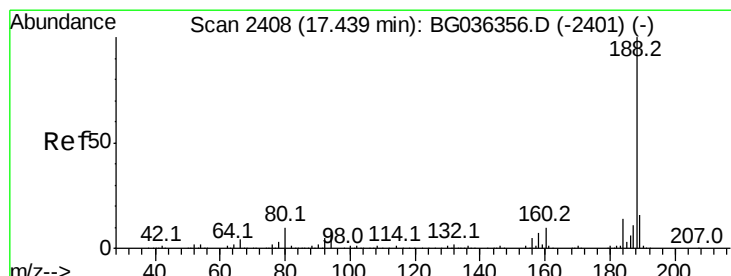
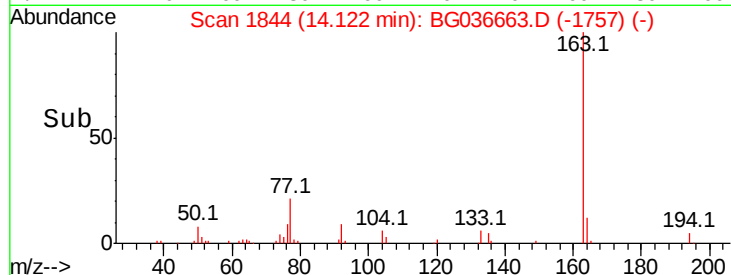
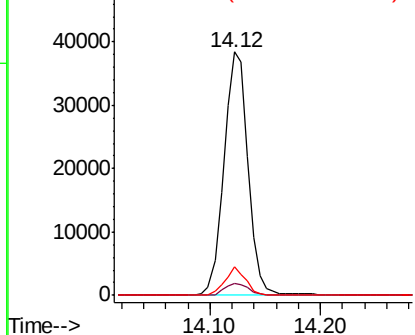
#49
Dimethylphthalate
Concen: 4.776 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

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

Tot Ion:163 Resp: 58467
Ion Ratio Lower Upper
163 100
194 5.1 4.0 6.0
164 11.9 8.1 12.1

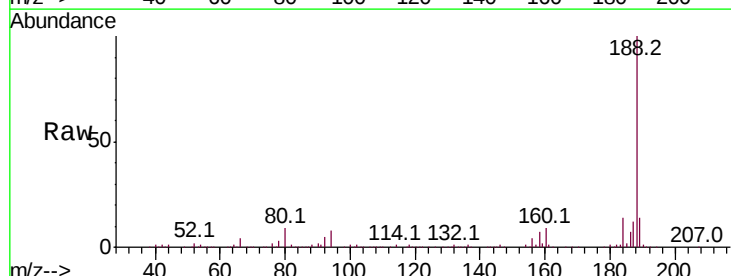


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

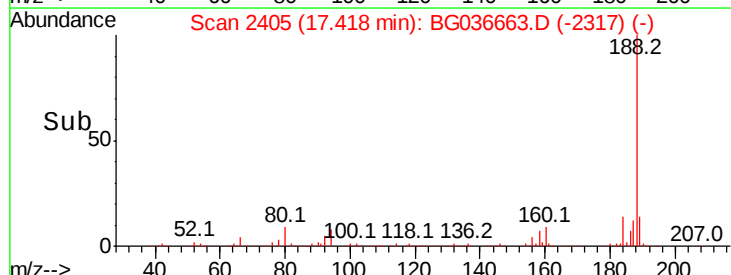
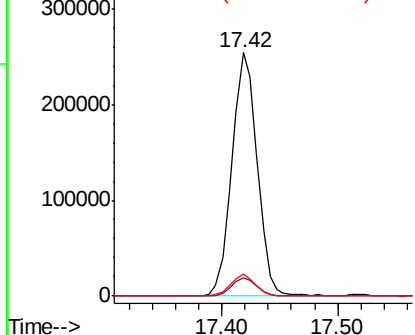


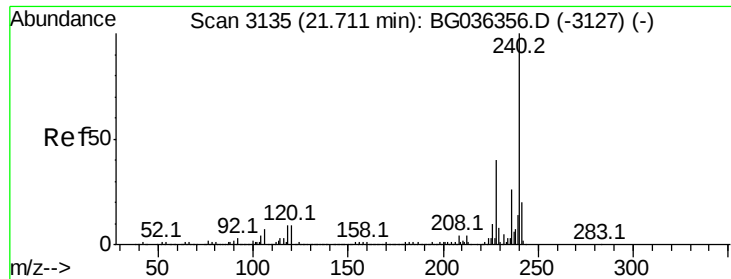
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion:188 Resp: 385605
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.1 8.1 12.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-U-S

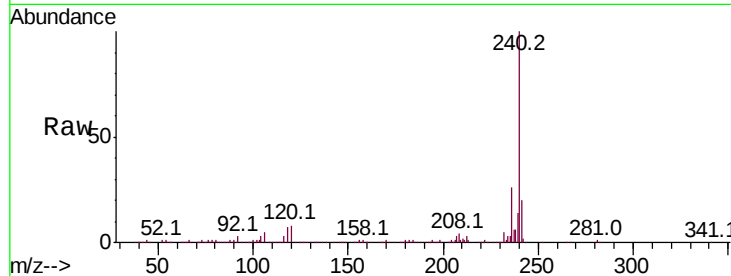
Tot Ion:240 Resp: 393451

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

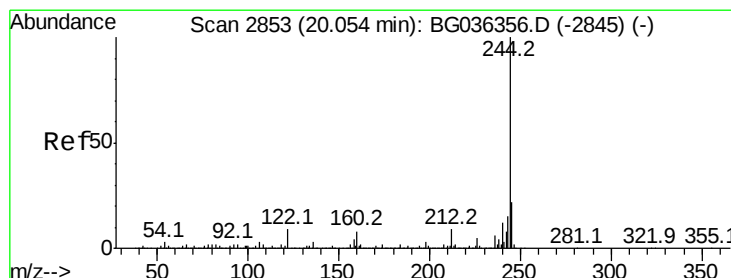
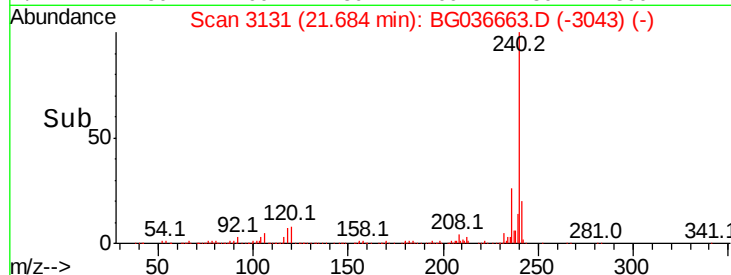
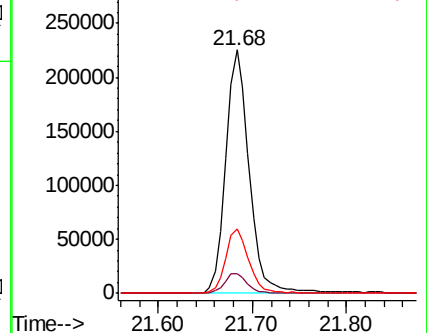
236 26.4 21.2 31.8



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: 93.176 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

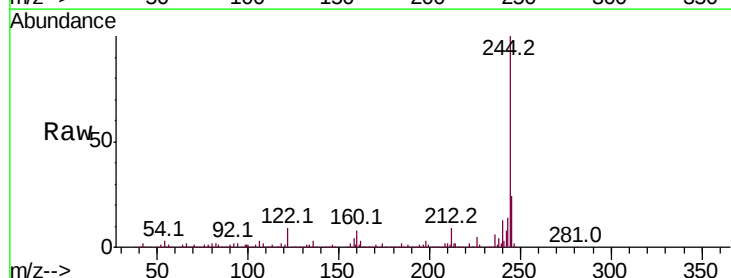
Tgt Ion:244 Resp: 1568451

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

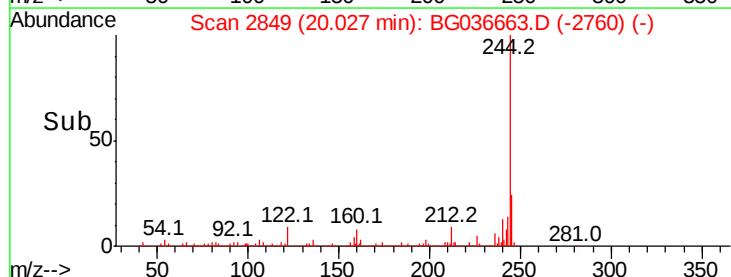
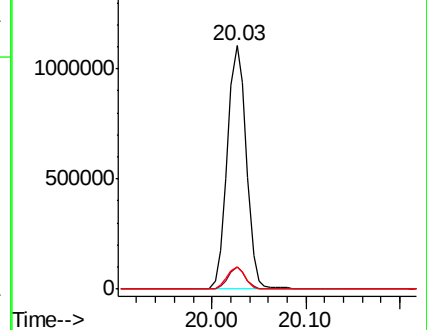
122 9.3 7.1 10.7

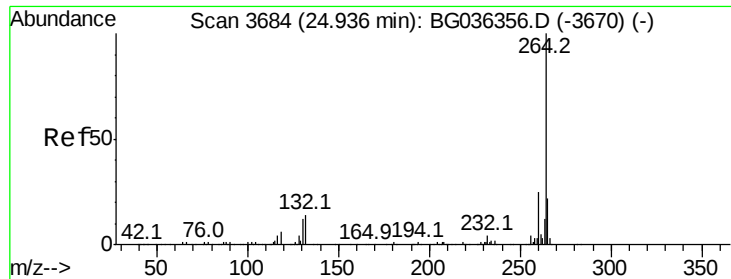


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036663.D
Acq: 11 Sep 2018 19:29

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

Tot Ion:	264	Resp:	355751
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.2	17.4	26.0

