

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036659.D
 Acq On : 11 Sep 2018 16:53
 Operator : JU/SJ
 Sample : J4841-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-D-M

Quant Time: Sep 11 17:44:03 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

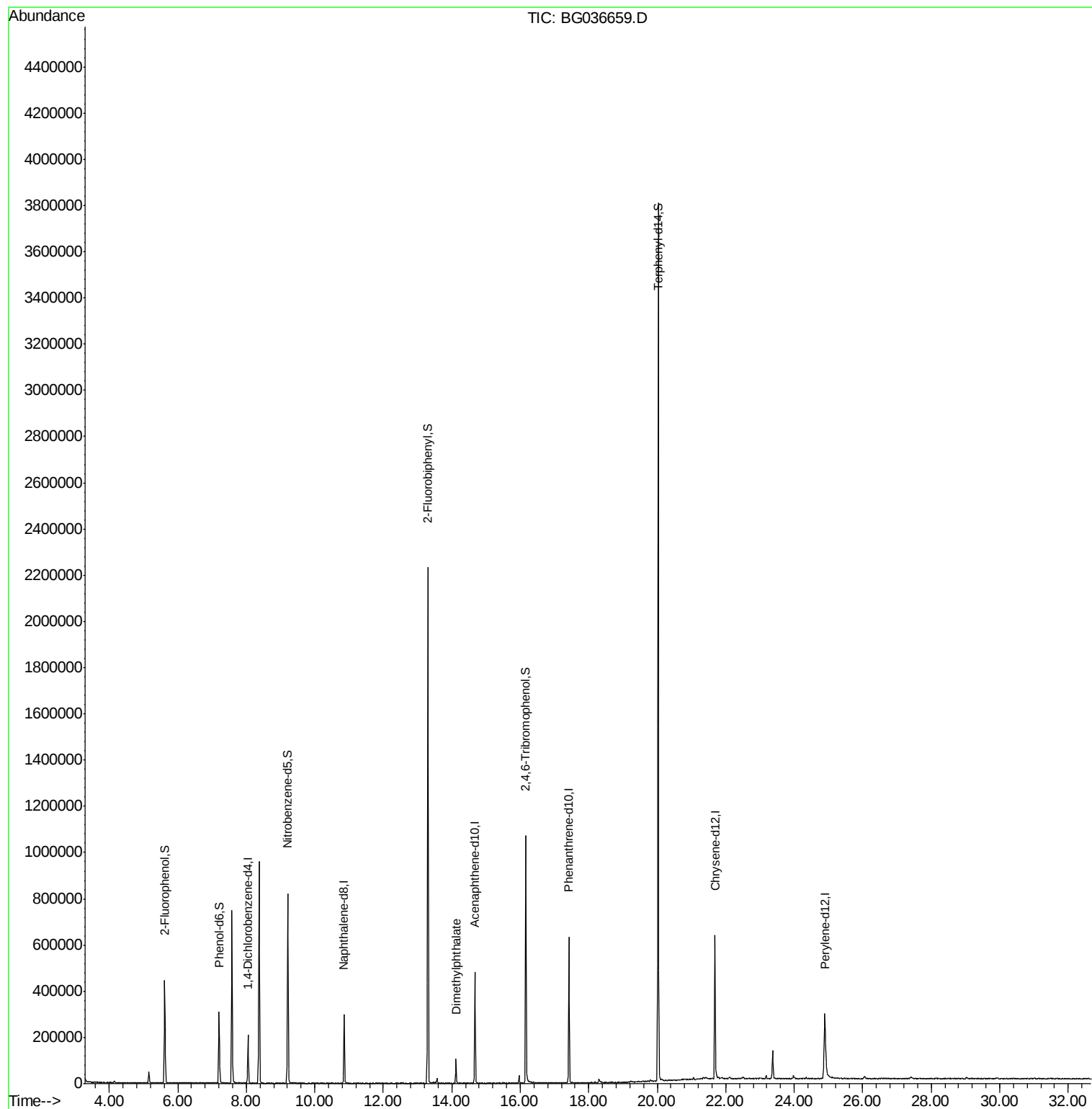
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59327	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	253089	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	167047	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	403302	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405861	20.00	ng	-0.01
86) Perylene-d12	24.89	264	359926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	188831	50.49	ng	0.00
7) Phenol-d6	7.21	99	176070	32.88	ng	-0.01
23) Nitrobenzene-d5	9.22	82	499622	107.11	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	204135	102.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1174001	100.35	ng	-0.01
78) Terphenyl-d14	20.03	244	1749955	100.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	68366	5.012	ng	Qvalue 97

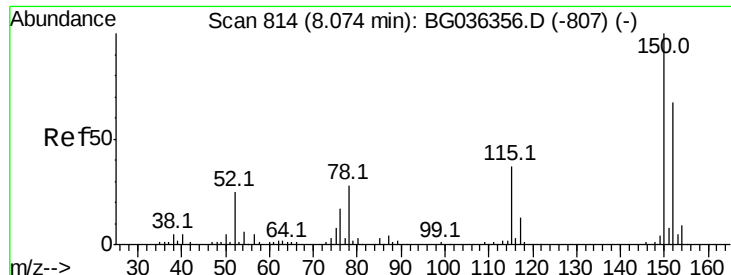
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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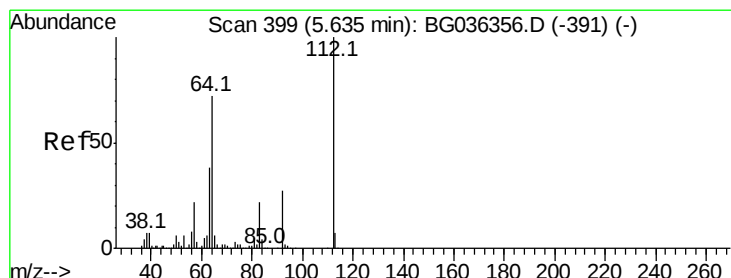
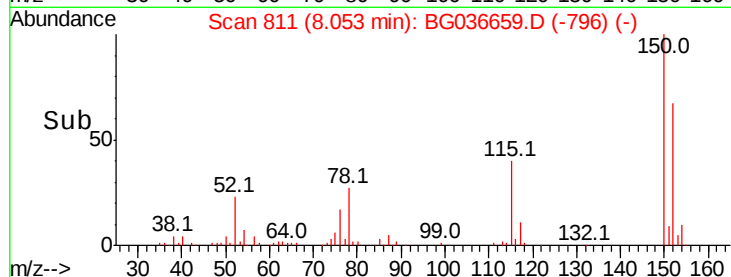
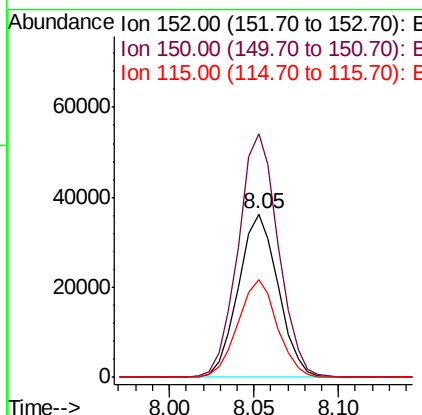
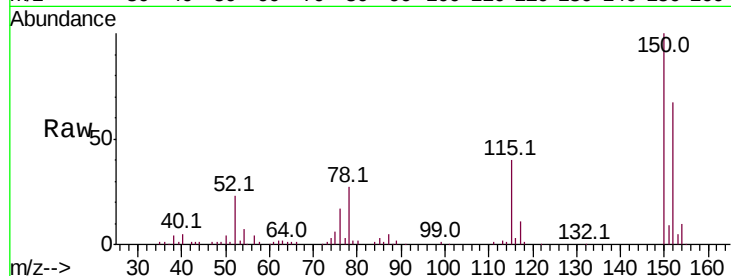


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-D-M

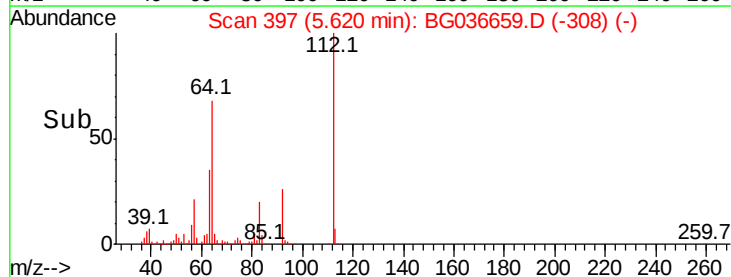
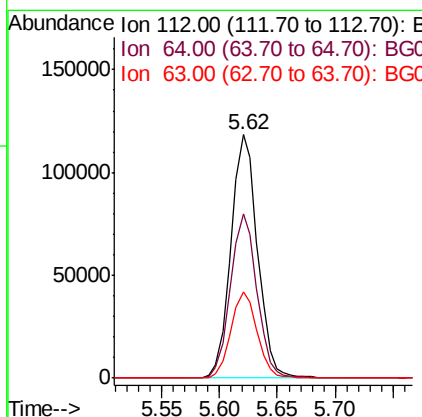
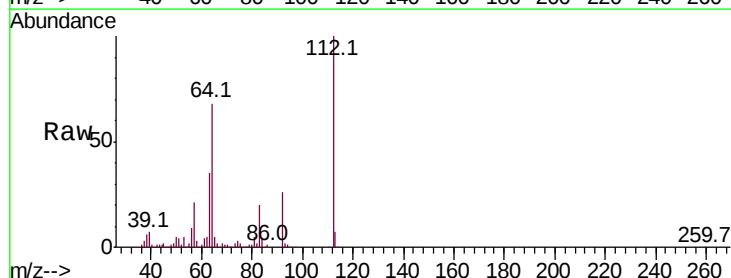
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	60.1	44.5	66.7

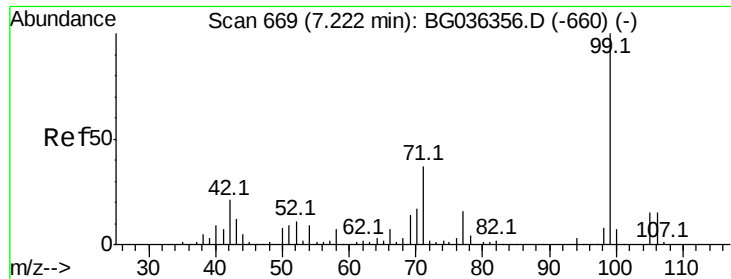


#5

2-Fluorophenol
 Concen: 50.490 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	35.4	30.8	46.2





#7

Phenol-d6

Concen: 32.881 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-D-M

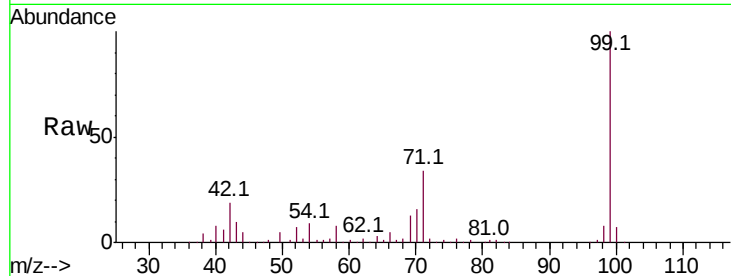
Tot Ion: 99 Resp: 176070

Ion Ratio Lower Upper

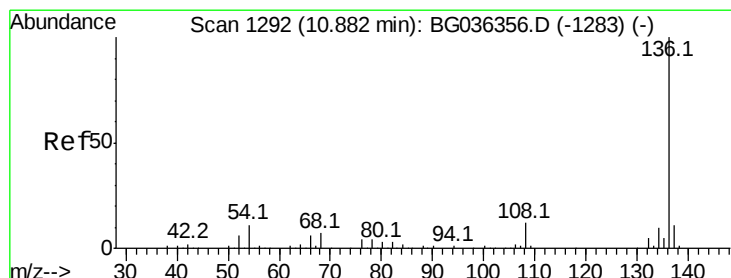
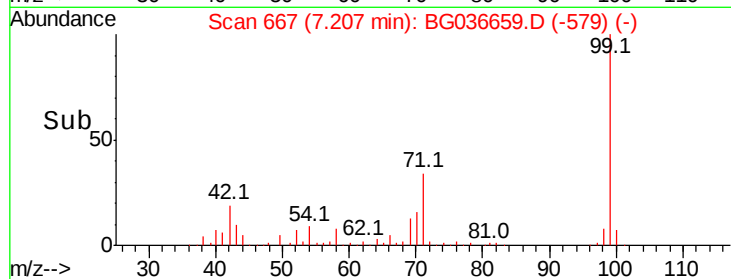
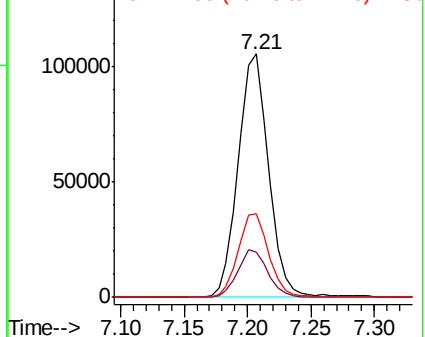
99 100

42 18.6 16.5 24.7

71 34.4 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# 1288

Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

Tgt Ion: 136 Resp: 253089

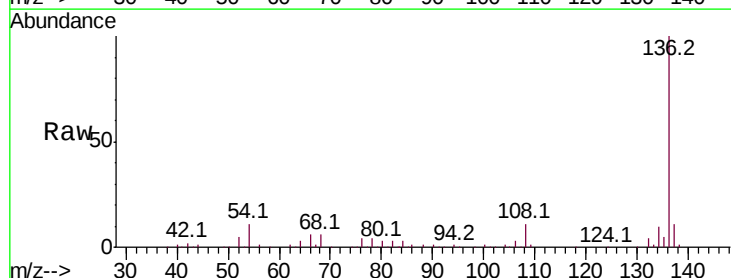
Ion Ratio Lower Upper

136 100

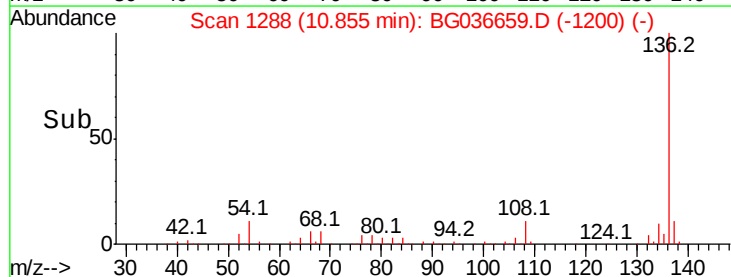
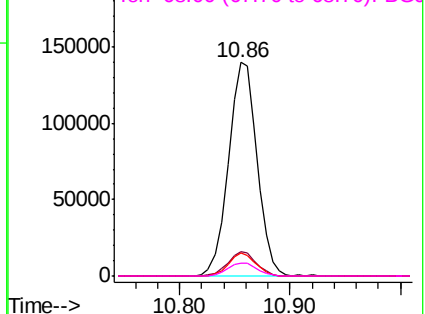
137 11.2 8.8 13.2

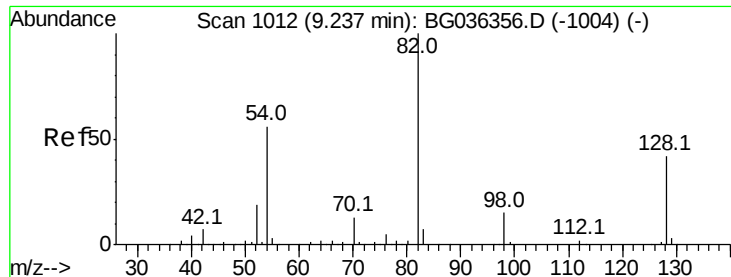
54 10.9 9.2 13.8

68 6.2 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

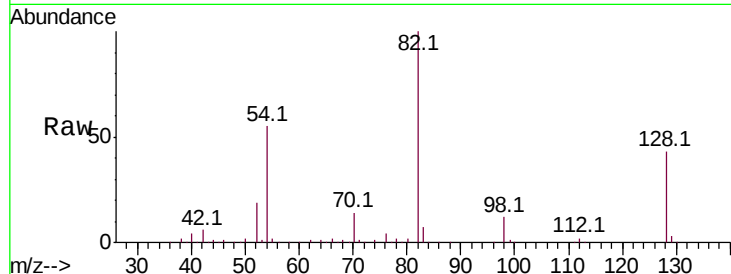




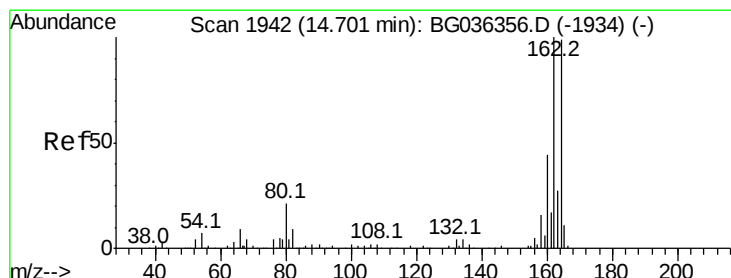
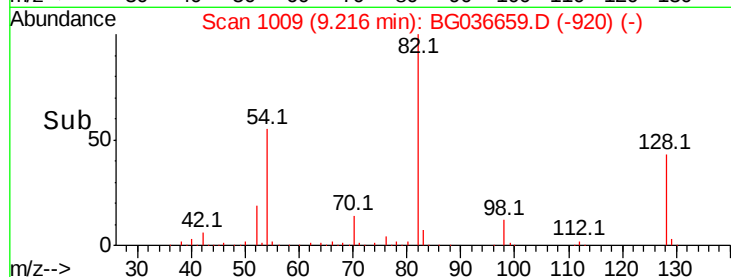
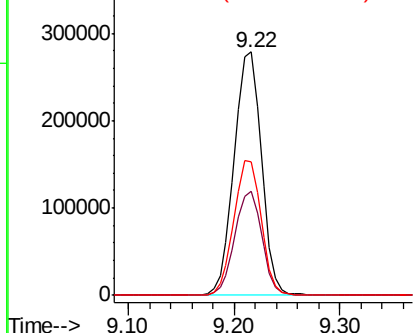
#23
Nitrobenzene-d5
Concen: 107.108 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Instrument :
BNA_G
ClientSampleId :
090718-DBRI-F-D-M

Tot Ion: 82 Resp: 499622
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 54.9 45.1 67.7

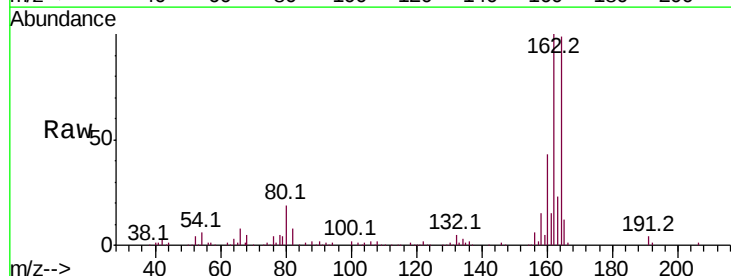


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

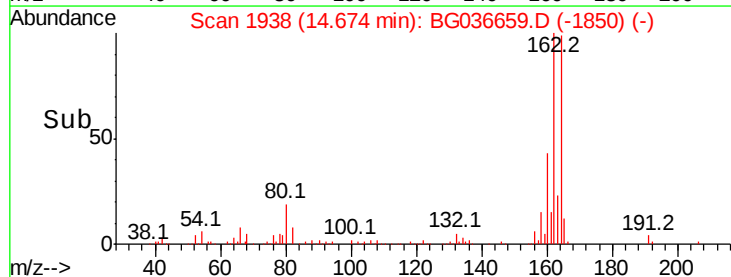
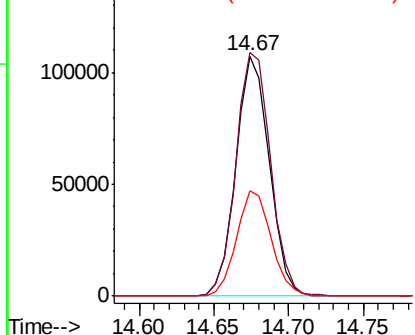


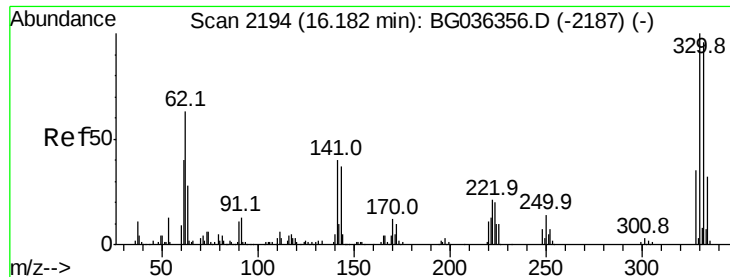
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Tgt Ion:164 Resp: 167047
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 43.8 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

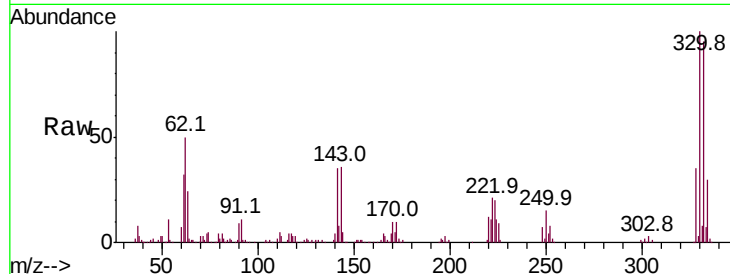




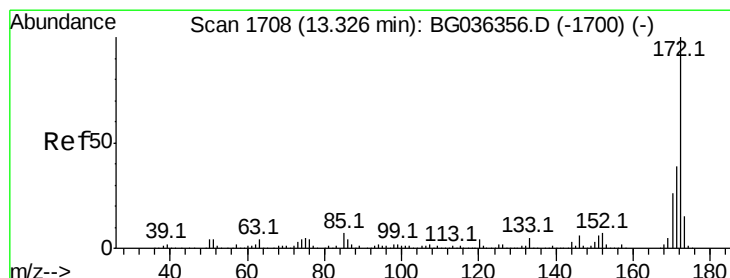
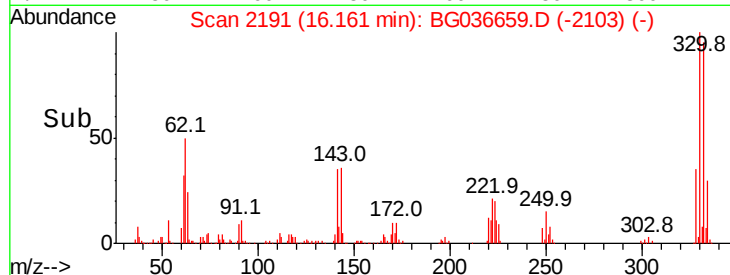
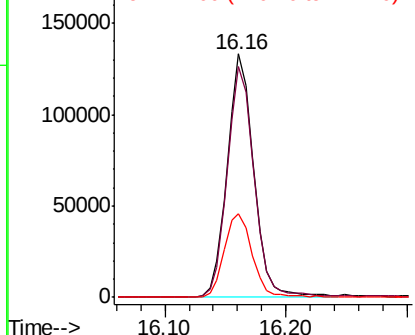
#41
 2,4,6-Tribromophenol
 Concen: 102.413 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 090718-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	36.2	30.7	46.1

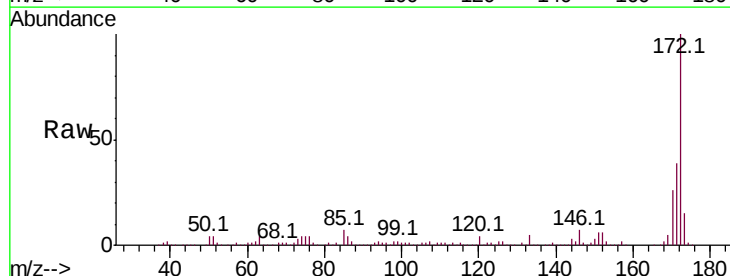


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

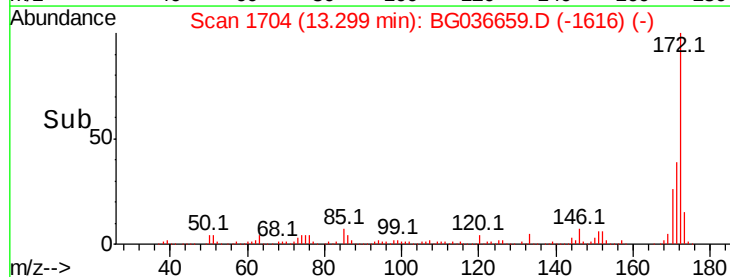
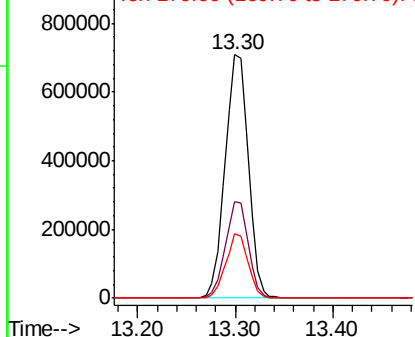


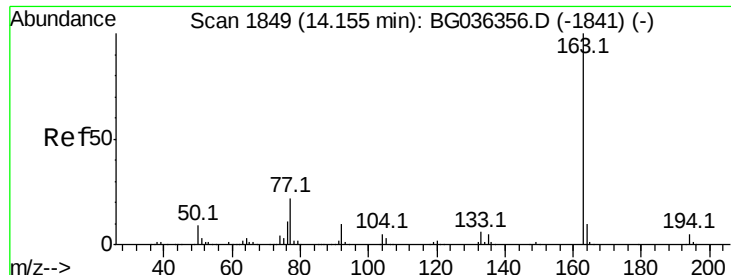
#44
 2-Fluorobiphenyl
 Concen: 100.347 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	26.4	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

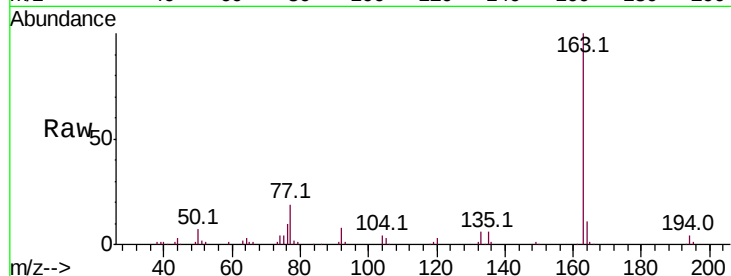




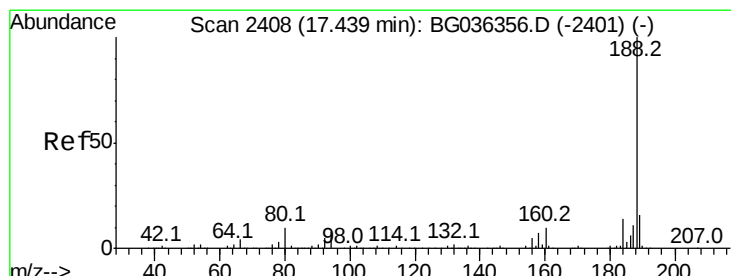
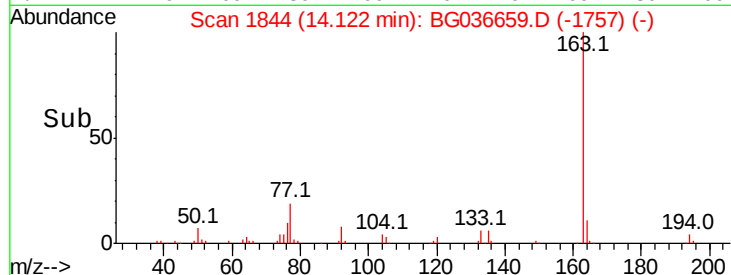
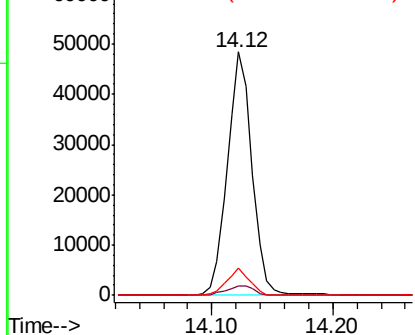
#49
Dimethylphthalate
Concen: 5.012 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Instrument :
BNA_G
ClientSampleId :
090718-DBRI-F-D-M

Tot Ion:163 Resp: 68366
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0
164 11.2 8.1 12.1

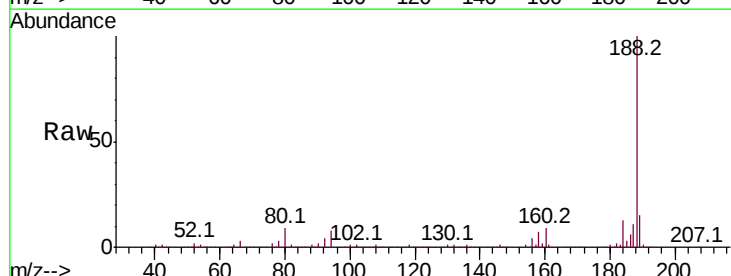


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

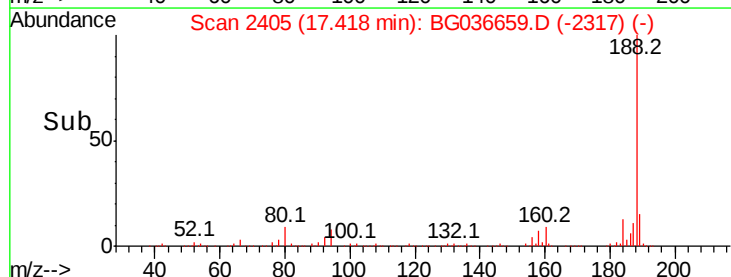
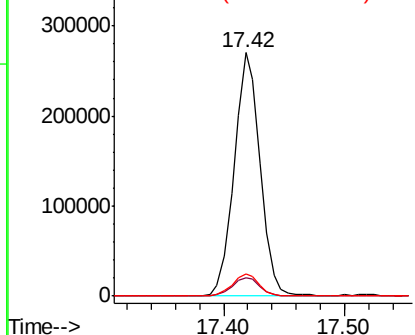


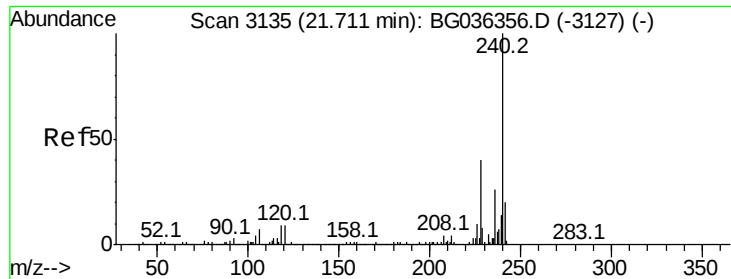
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Tgt Ion:188 Resp: 403302
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.9 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: BG036659.D

Acq: 11 Sep 2018 16:53

Instrument :

BNA_G

ClientSampleId :

090718-DBRI-F-D-M

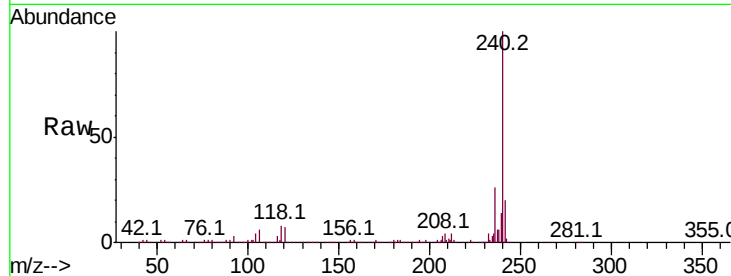
Tot Ion:240 Resp: 405861

Ion Ratio Lower Upper

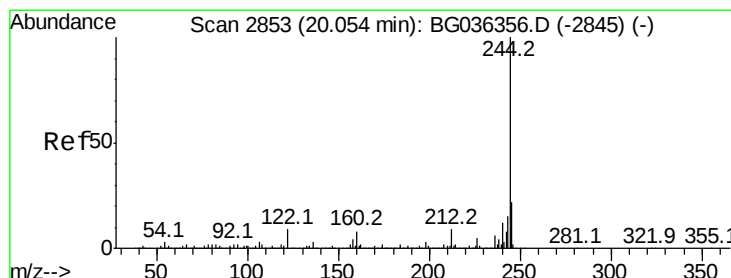
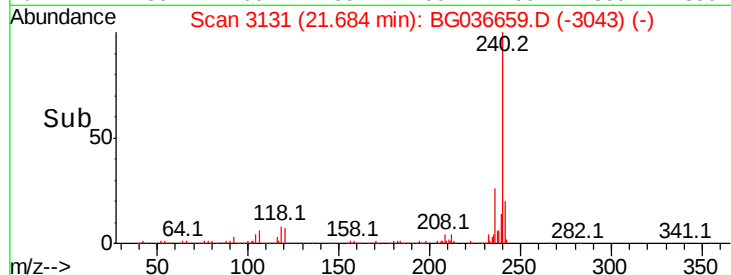
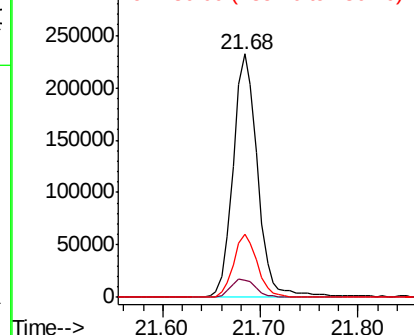
240 100

120 7.2 6.9 10.3

236 26.1 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: 100.779 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

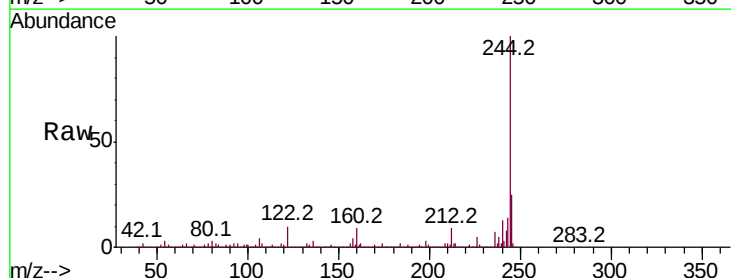
Tgt Ion:244 Resp: 1749955

Ion Ratio Lower Upper

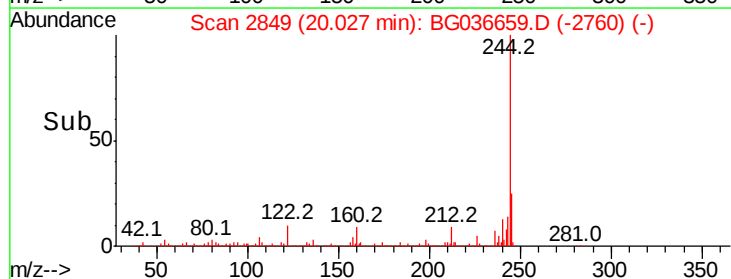
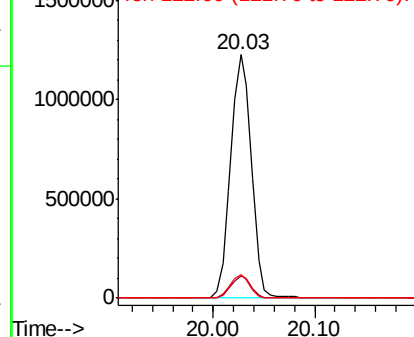
244 100

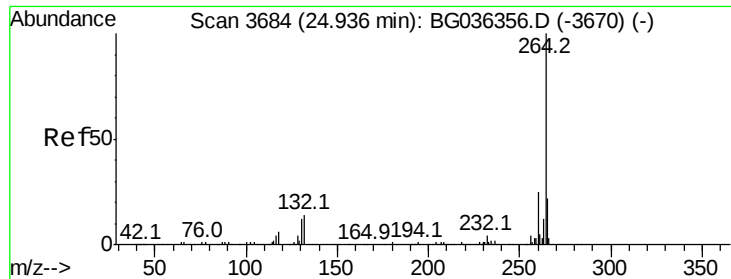
212 9.4 7.0 10.6

122 9.6 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: BG036659.D
Acq: 11 Sep 2018 16:53

Instrument :
BNA_G
ClientSampleId :
090718-DBRI-F-D-M

Tot Ion:	264	Resp:	359926
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	23.1	17.4	26.0

