

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035365.D
 Acq On : 23 Jun 2018 12:53
 Operator : JU/SJ
 Sample : J3623-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-D-M

Quant Time: Jun 25 07:12:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

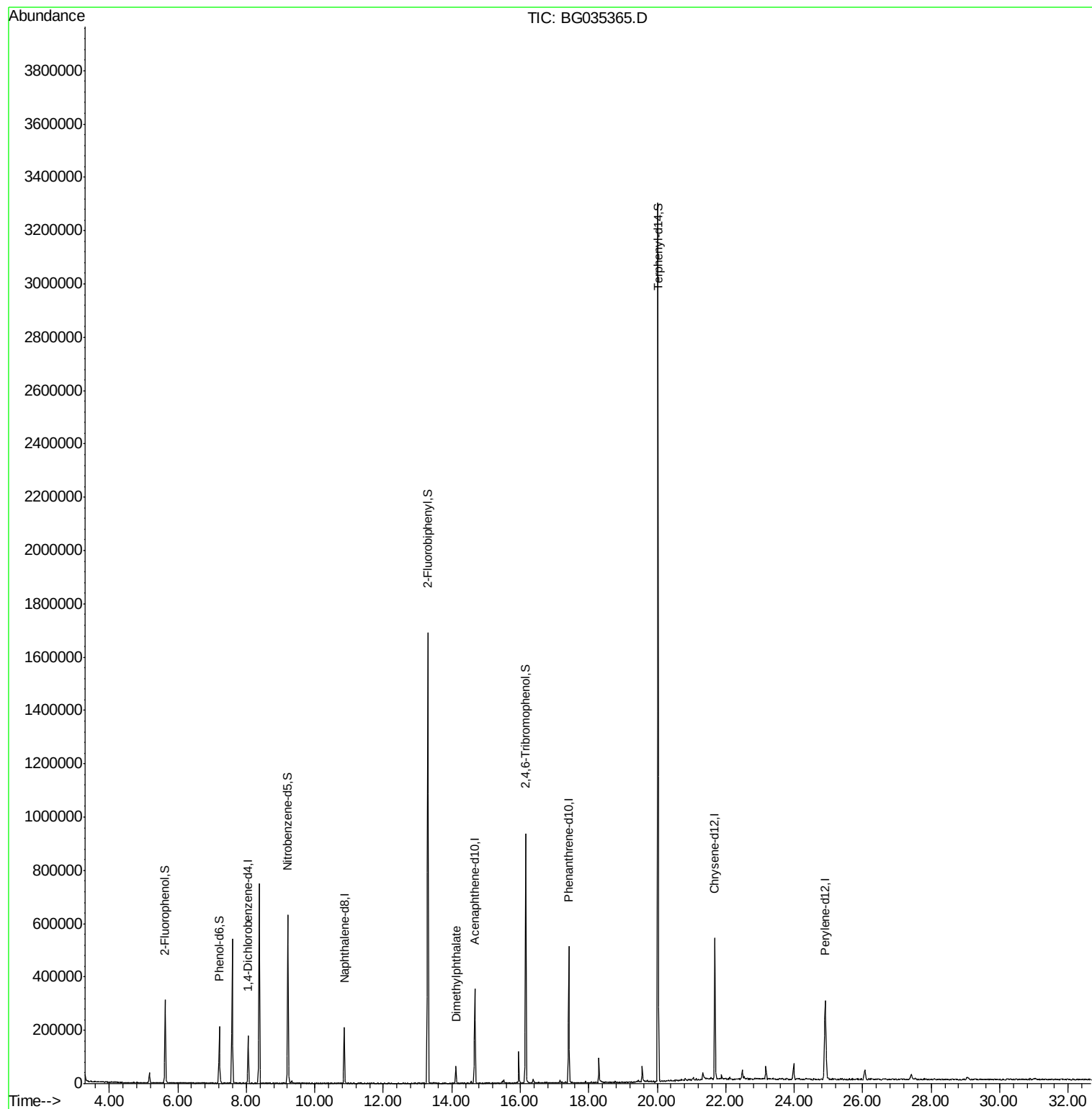
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51022	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	178459	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	120375	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	319695	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	345447	20.00	ng	-0.04
86) Perylene-d12	24.90	264	325716	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	136855	45.27	ng	-0.01
7) Phenol-d6	7.21	99	131420	29.45	ng	-0.01
23) Nitrobenzene-d5	9.22	82	407105	108.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	176970	114.84	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	941067	101.63	ng	-0.03
78) Terphenyl-d14	20.02	244	1520814	92.22	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	42594	4.058	ng	Qvalue # 96

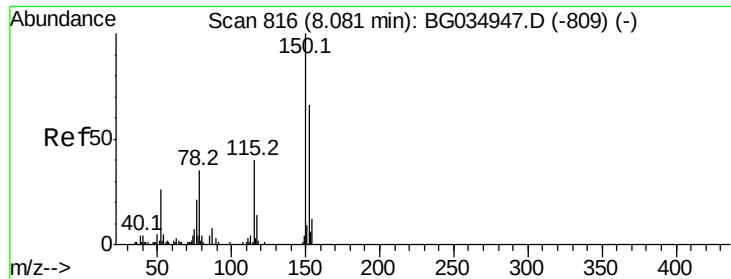
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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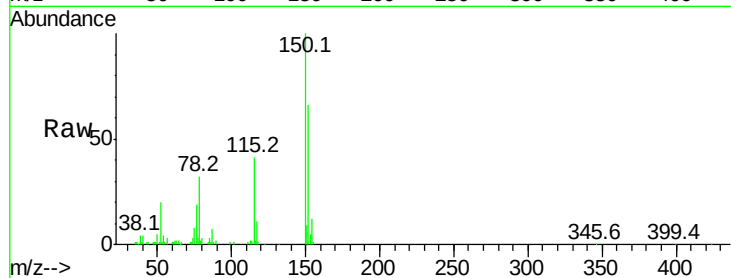


#1

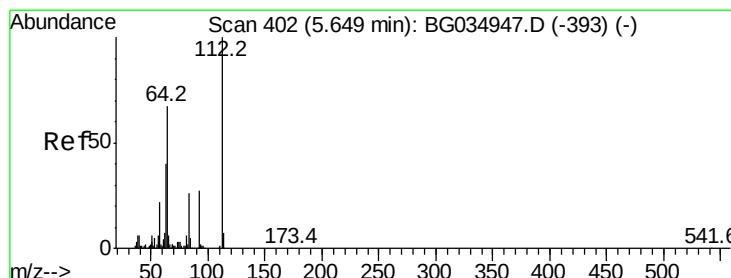
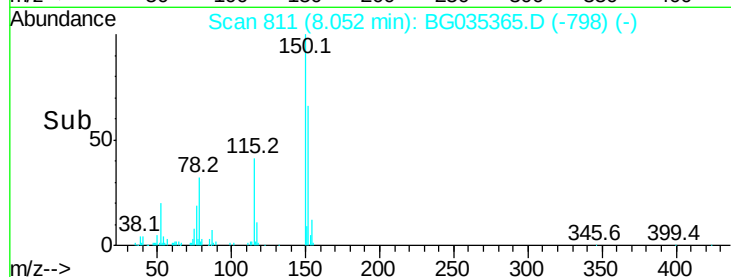
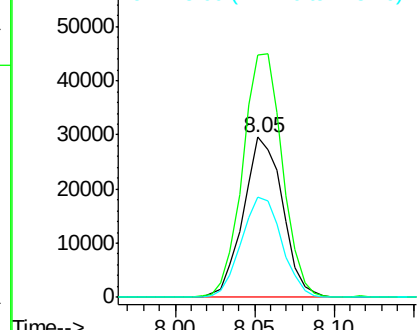
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035365.D
Acq: 23 Jun 2018 12:53

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	62.7	53.0	79.4



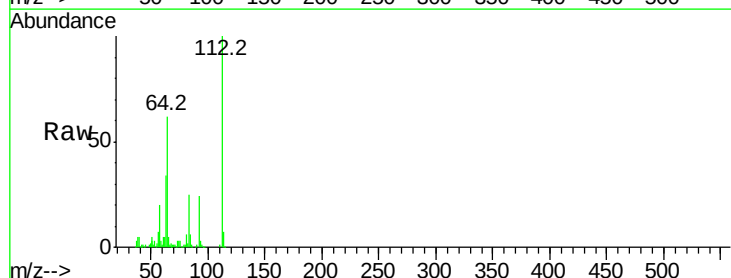
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



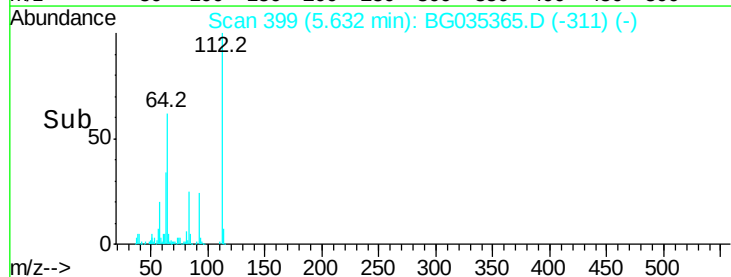
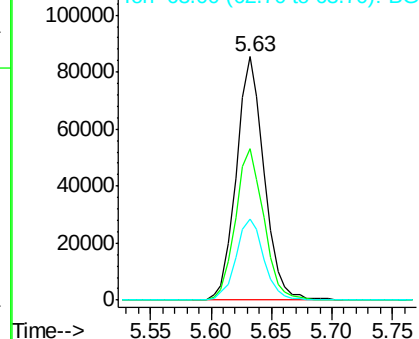
#5

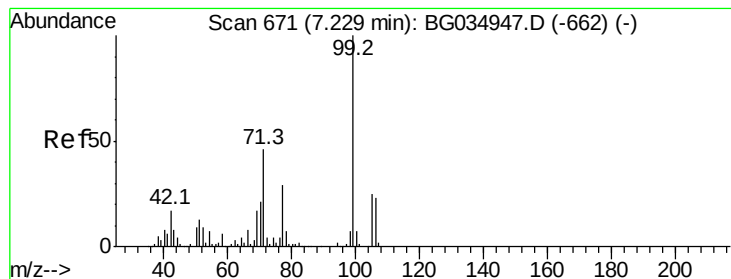
2-Fluorophenol
Concen: 45.266 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035365.D
Acq: 23 Jun 2018 12:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	56.3	84.5
63	33.5	30.1	45.1



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: 29.451 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-M

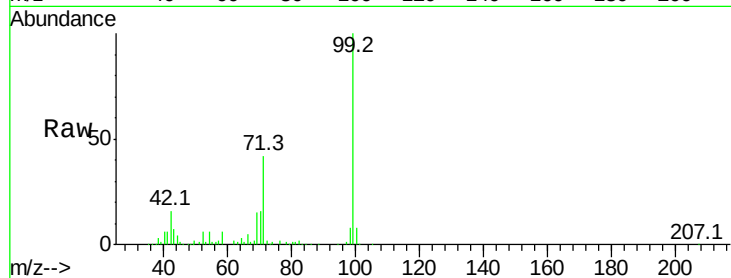
Tot Ion: 99 Resp: 131420

Ion Ratio Lower Upper

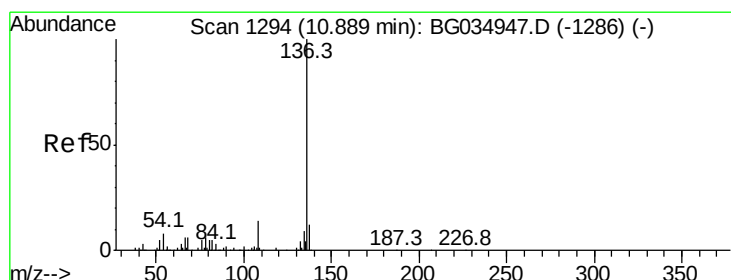
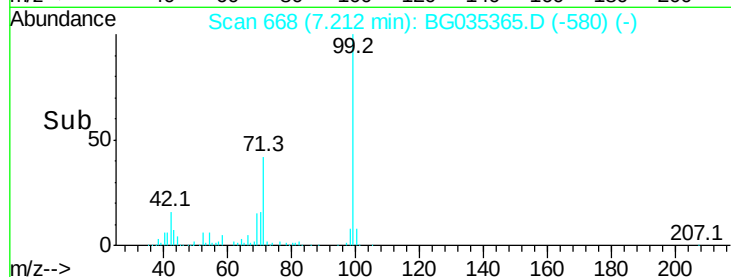
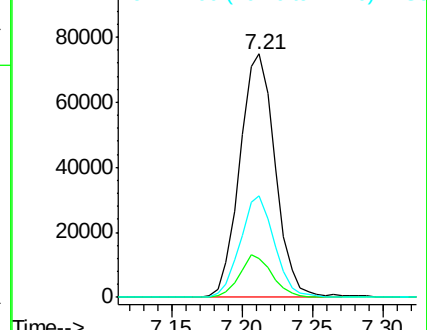
99 100

42 16.0 14.1 21.1

71 41.6 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

Tgt Ion: 136 Resp: 178459

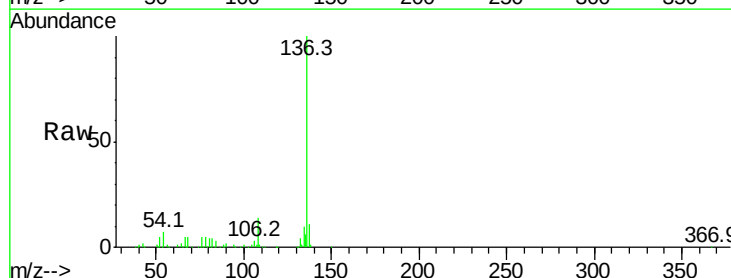
Ion Ratio Lower Upper

136 100

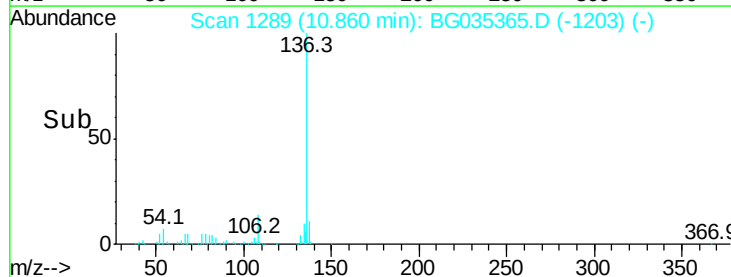
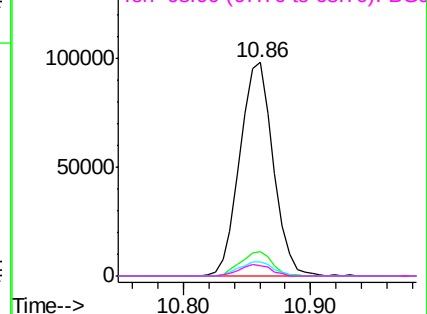
137 11.2 9.2 13.8

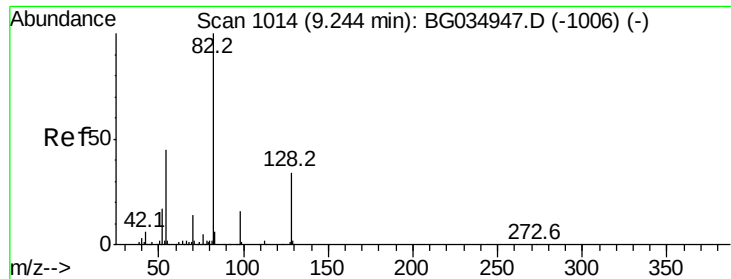
54 6.7 10.3 15.5#

68 5.0 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: 108.436 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-M

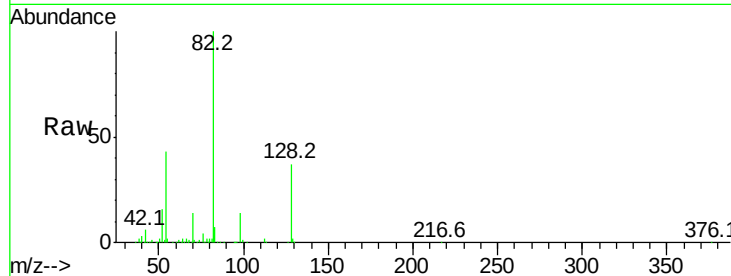
Tot Ion: 82 Resp: 407105

Ion Ratio Lower Upper

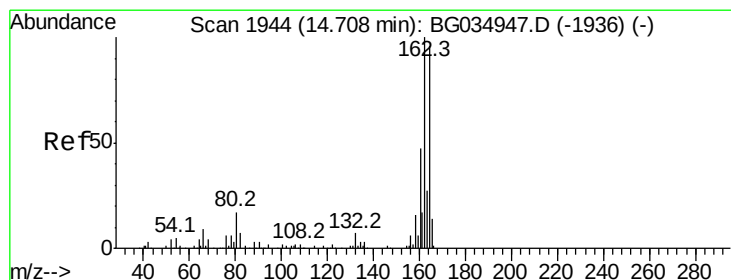
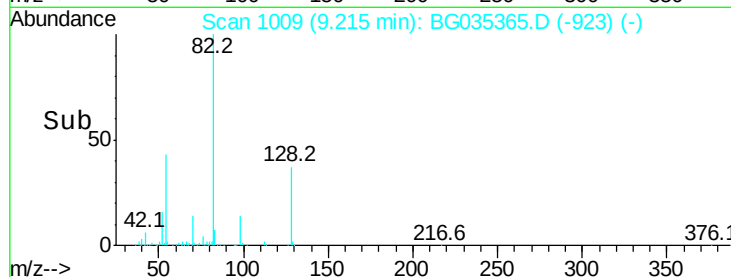
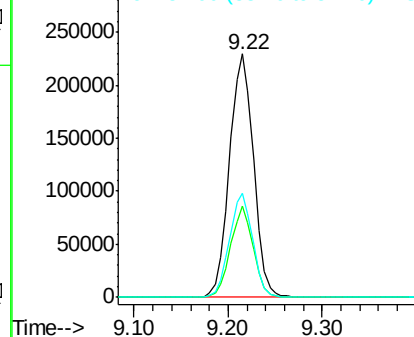
82 100

128 37.5 29.7 44.5

54 42.6 43.1 64.7#



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. -0.02 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

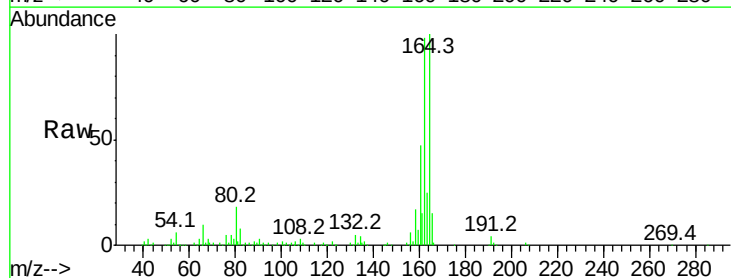
Tgt Ion: 164 Resp: 120375

Ion Ratio Lower Upper

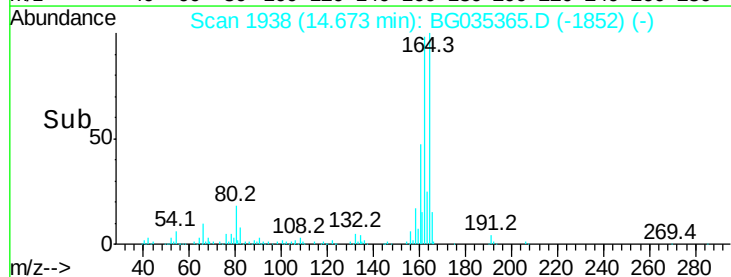
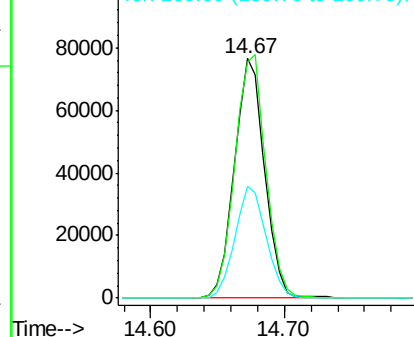
164 100

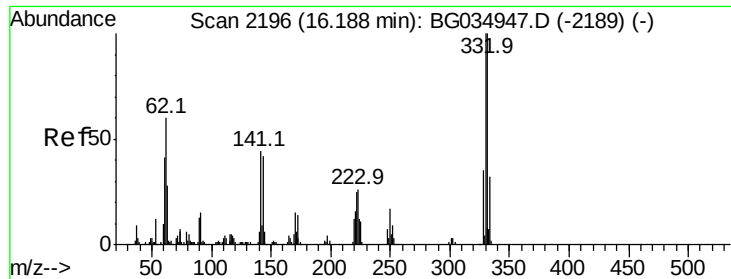
162 98.4 78.8 118.2

160 46.5 35.4 53.0



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

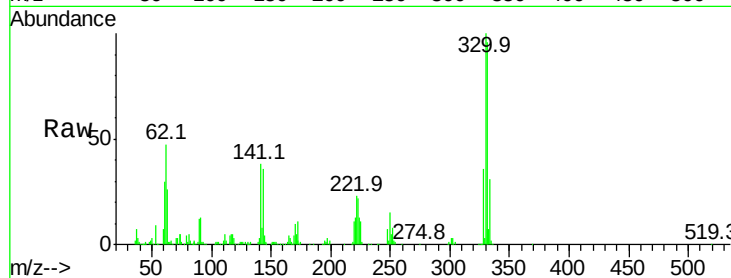




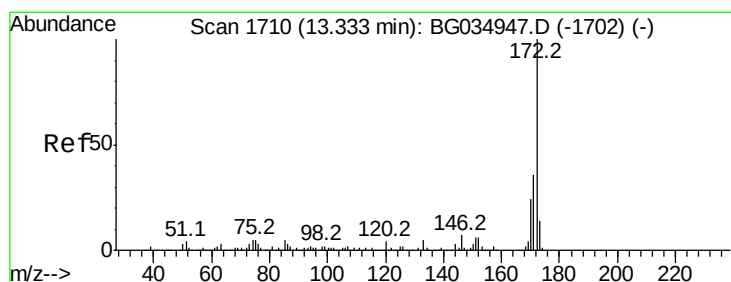
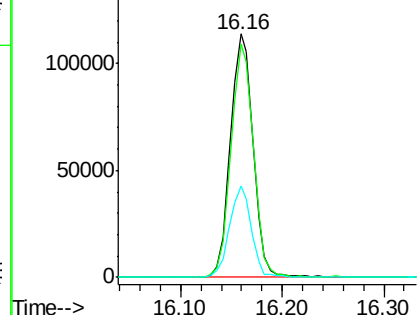
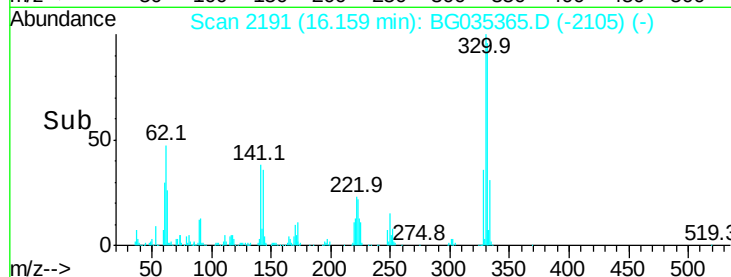
#41
2,4,6-Tribromophenol
Concen: 114.845 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035365.D
Acq: 23 Jun 2018 12:53

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-D-M

Tot Ion:330 Resp: 176970
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 35.8 25.2 37.8

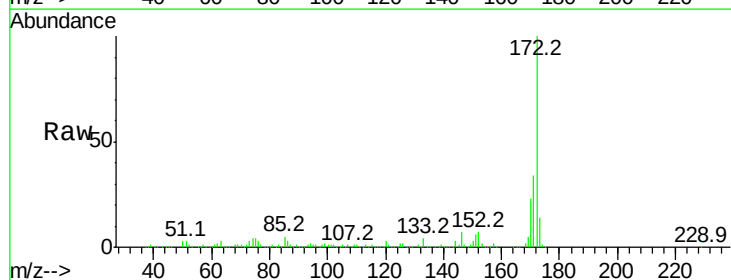


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

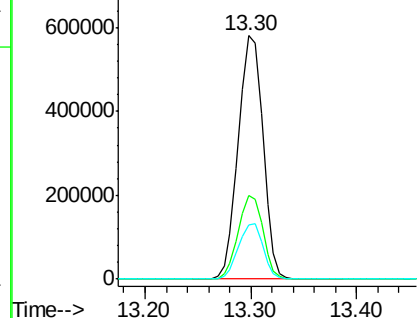
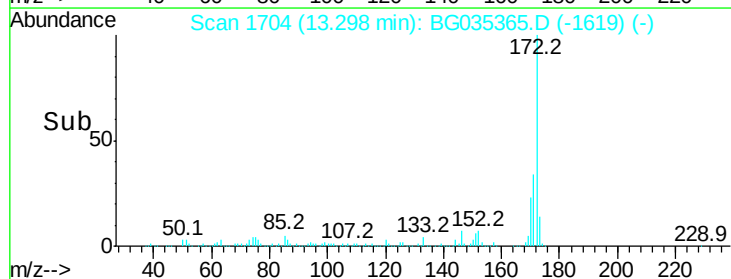


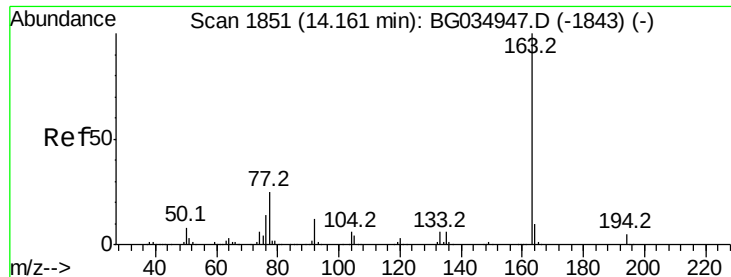
#44
2-Fluorobiphenyl
Concen: 101.631 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035365.D
Acq: 23 Jun 2018 12:53

Tgt Ion:172 Resp: 941067
Ion Ratio Lower Upper
172 100
171 34.2 30.0 45.0
170 22.5 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





#49

Dimethylphthalate

Concen: 4.058 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-M

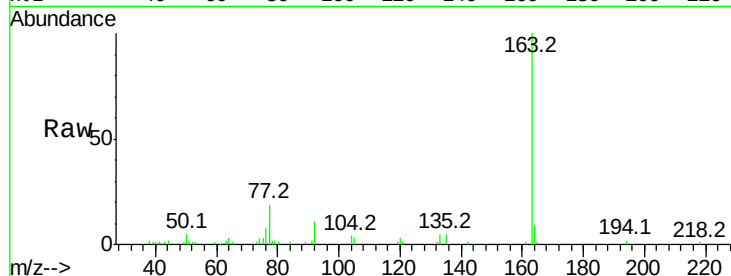
Tot Ion:163 Resp: 42594

Ion Ratio Lower Upper

163 100

194 2.1 3.4 5.2#

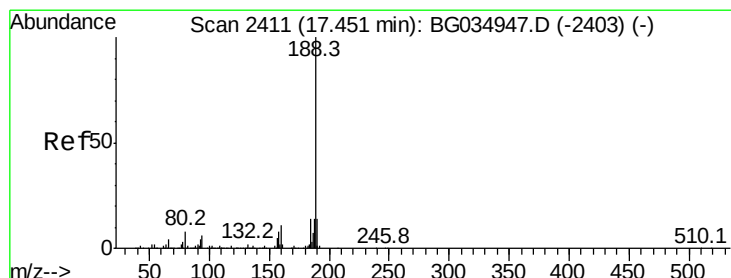
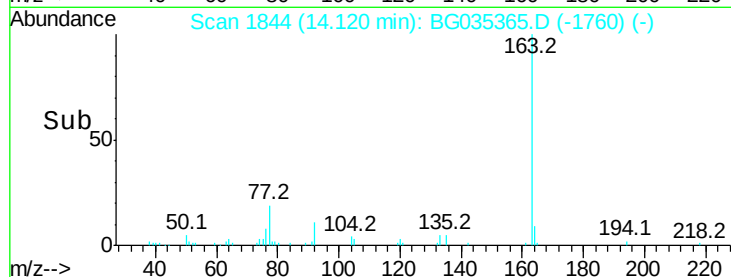
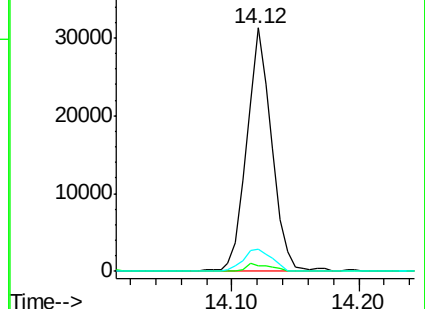
164 9.4 8.2 12.4



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. -0.02 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

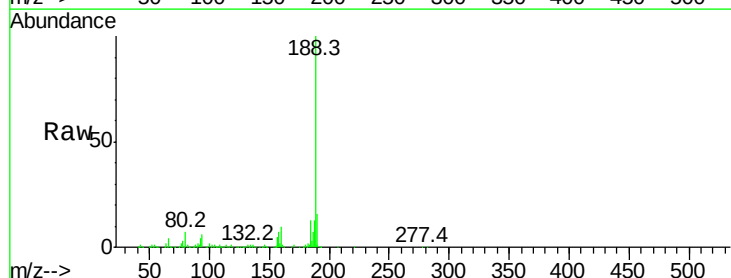
Tgt Ion:188 Resp: 319695

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

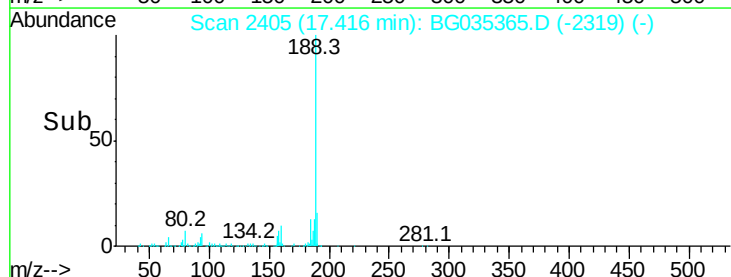
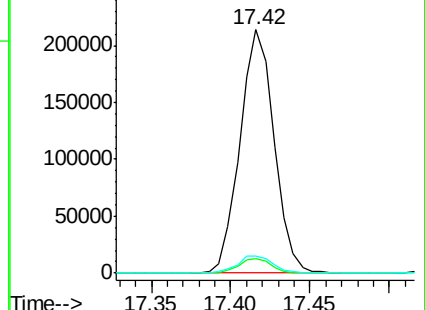
80 7.1 7.7 11.5#

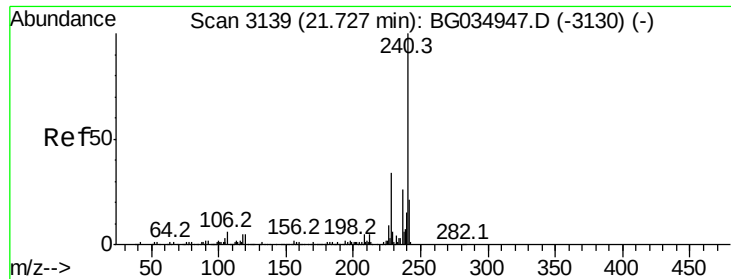


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.04 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-M

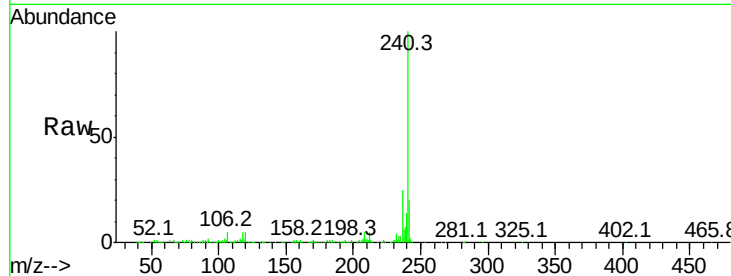
Tot Ion:240 Resp: 345447

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

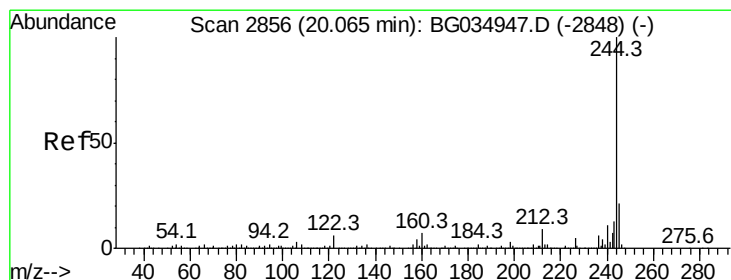
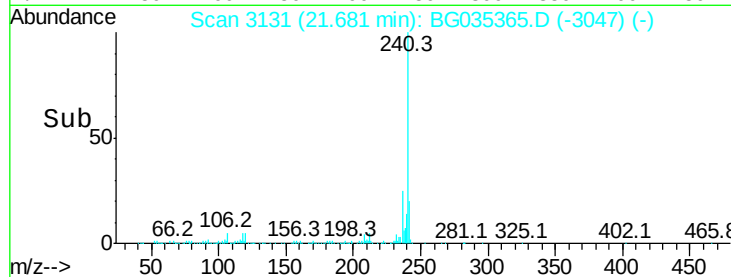
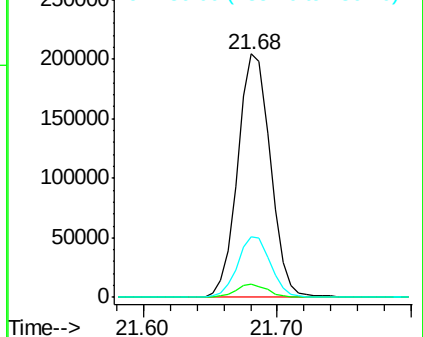
236 24.9 20.9 31.3



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: 92.217 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035365.D

Acq: 23 Jun 2018 12:53

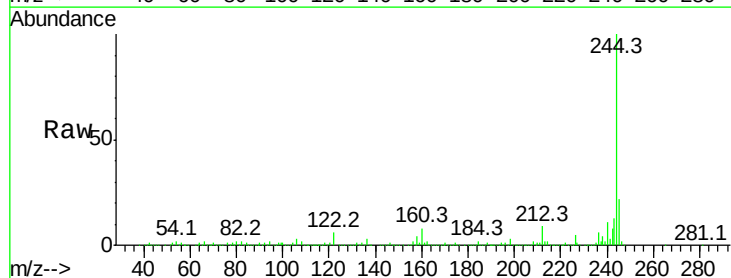
Tgt Ion:244 Resp: 1520814

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

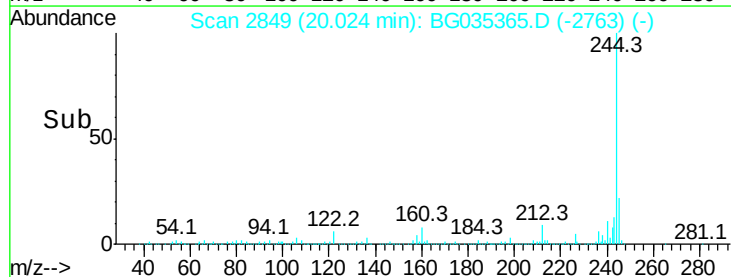
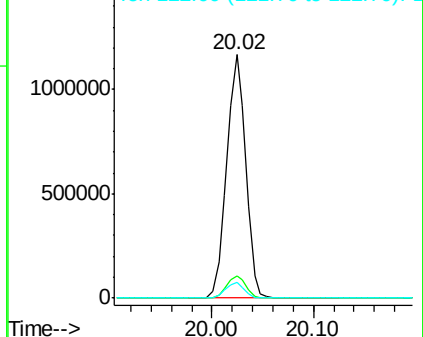
122 6.4 7.0 10.4#

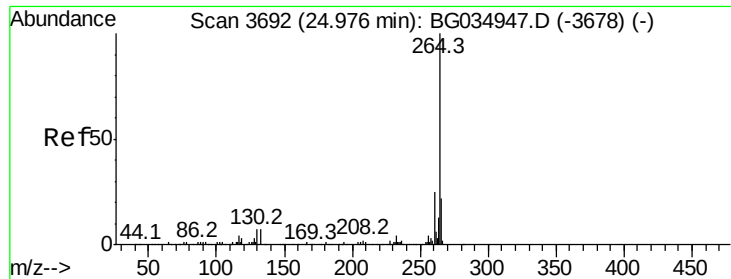


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035365.D
Acq: 23 Jun 2018 12:53

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	23.1	17.7	26.5

