

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033507.D
 Acq On : 3 Apr 2018 3:31
 Operator : SJ/JU
 Sample : J2114-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032718-DBRI-F-D-M

Quant Time: Apr 03 05:13:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31855	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	138395	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	119285	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	335169	20.00	ng	0.00
75) Chrysene-d12	22.55	240	338765	20.00	ng	0.00
86) Perylene-d12	26.31	264	348809	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	76703	45.15	ng	0.00
7) Phenol-d6	7.98	99	76851	26.33	ng	0.00
23) Nitrobenzene-d5	10.06	82	282832	93.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	167297	93.77	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	768844	93.05	ng	0.00
78) Terphenyl-d14	20.73	244	1383752	87.36	ng	0.00

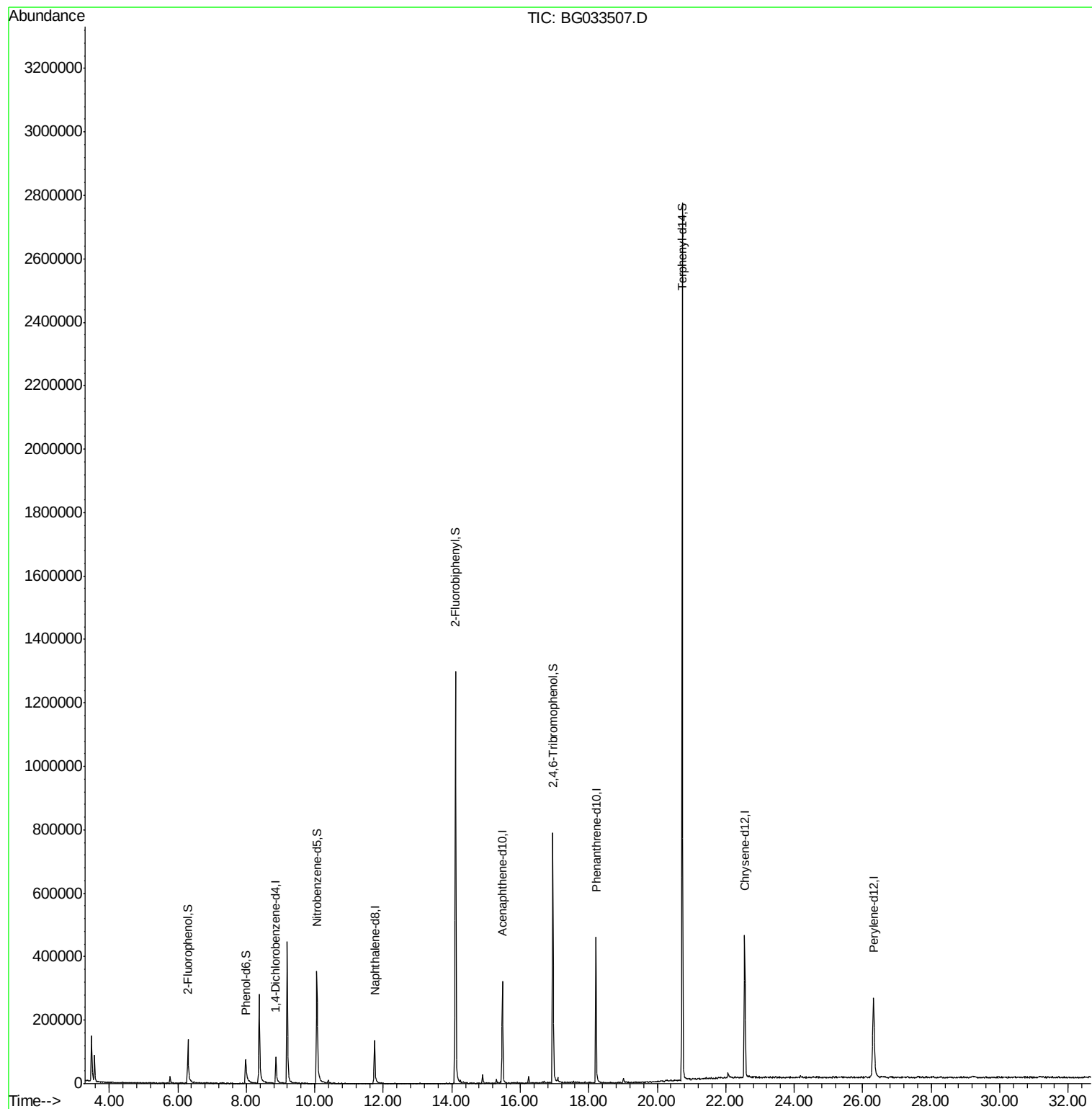
Target Compounds Qvalue

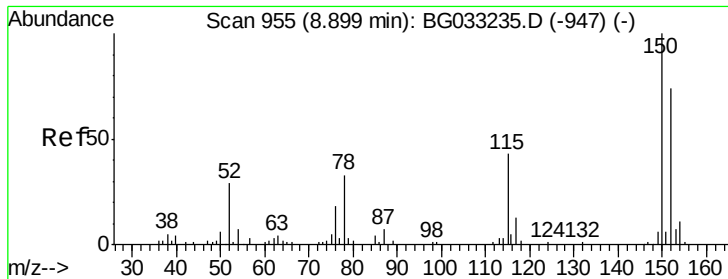
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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032718-DBRI-F-D-M

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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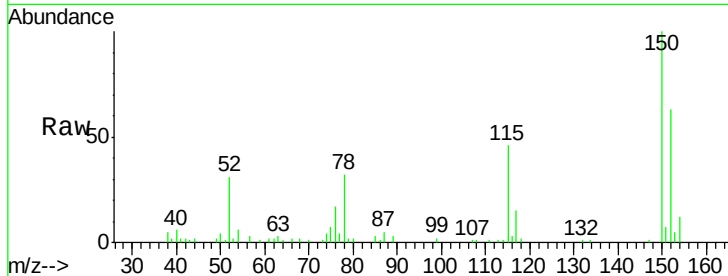


#1

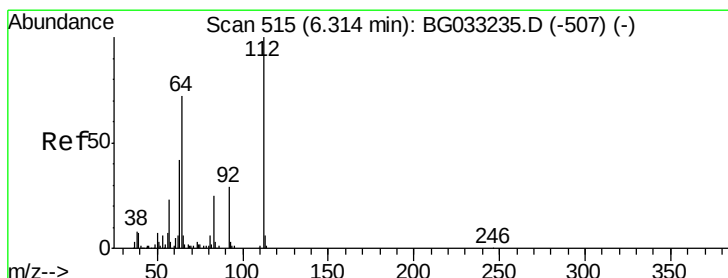
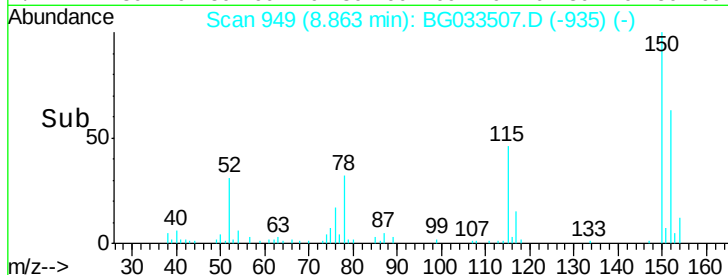
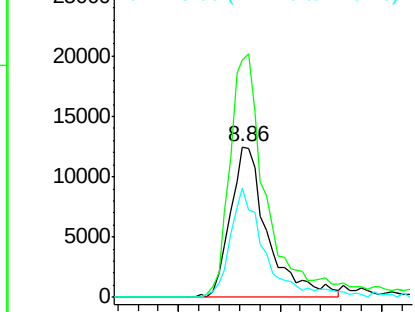
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033507.D
Acq: 3 Apr 2018 3:31

Instrument :
BNA_G
ClientSampleId :
032718-DBRI-F-D-M

Tot Ion:152 Resp: 31855
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 72.3 53.0 79.4



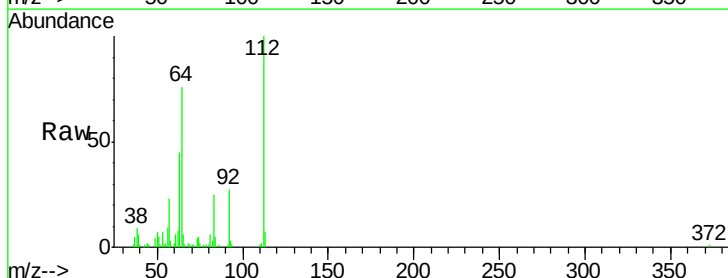
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



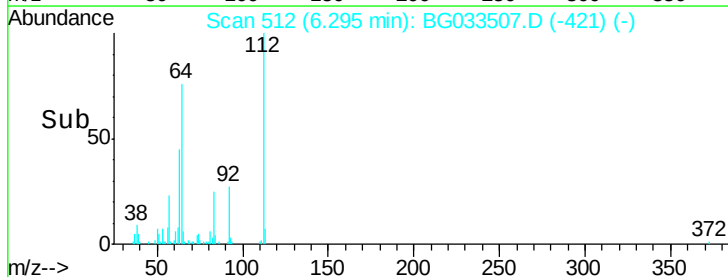
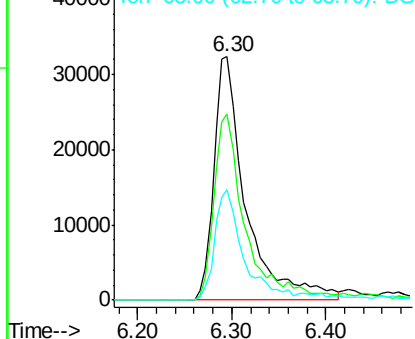
#5

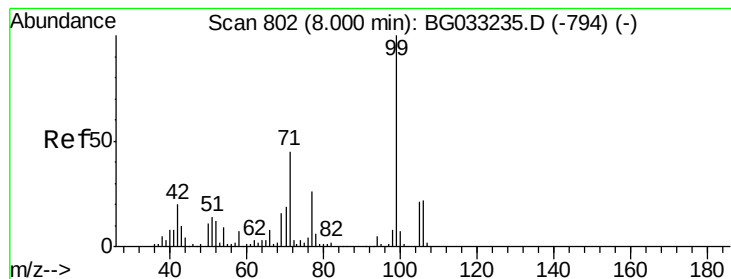
2-Fluorophenol
Concen: 45.151 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033507.D
Acq: 3 Apr 2018 3:31

Tgt Ion:112 Resp: 76703
Ion Ratio Lower Upper
112 100
64 76.4 56.3 84.5
63 45.4 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: 26.328 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-M

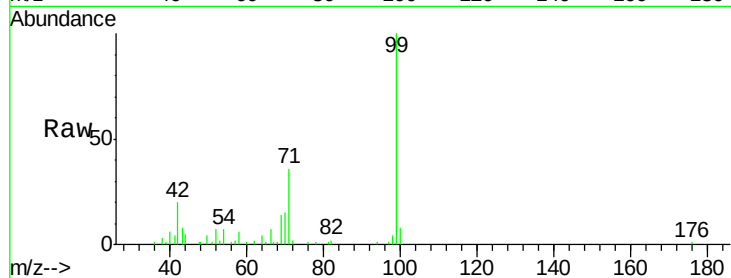
Tot Ion: 99 Resp: 76851

Ion Ratio Lower Upper

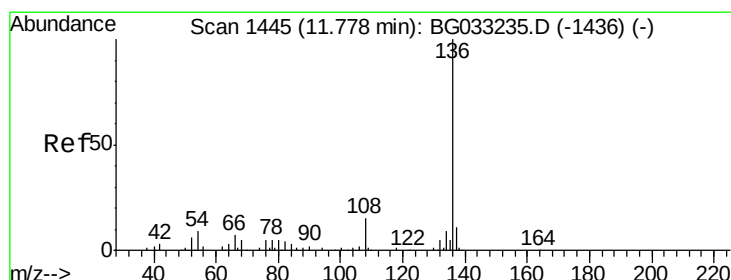
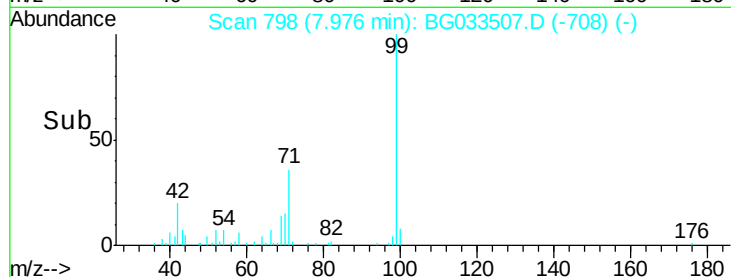
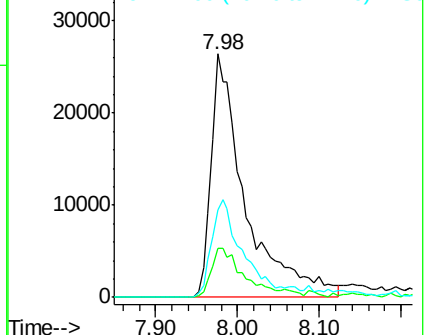
99 100

42 20.1 14.1 21.1

71 35.7 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

Tgt Ion: 136 Resp: 138395

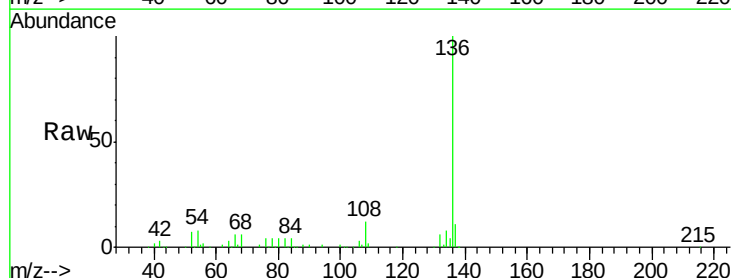
Ion Ratio Lower Upper

136 100

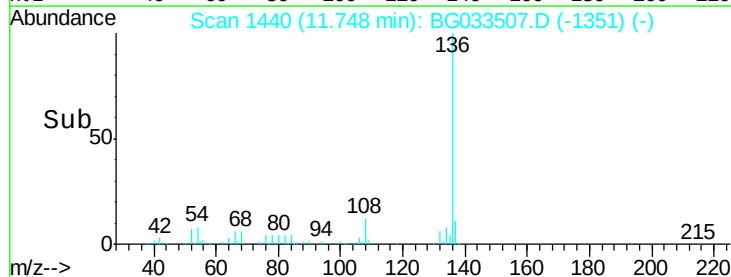
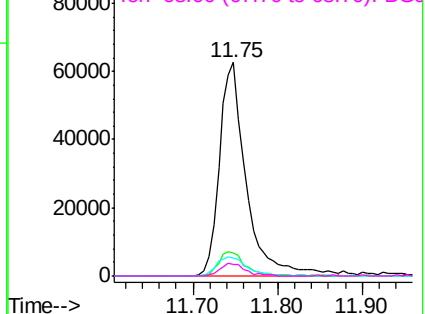
137 10.9 9.2 13.8

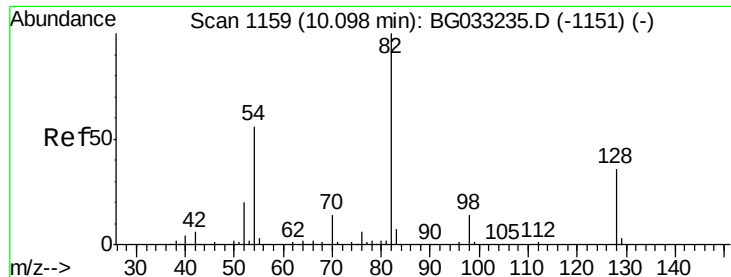
54 8.5 10.3 15.5#

68 5.5 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

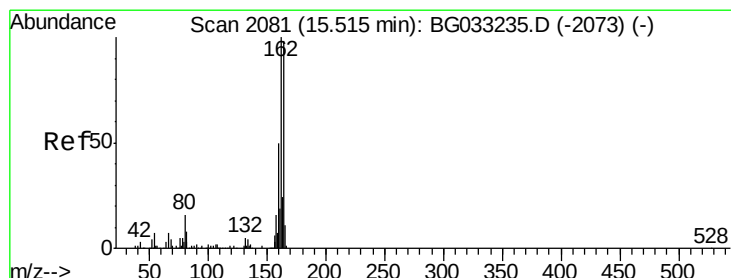
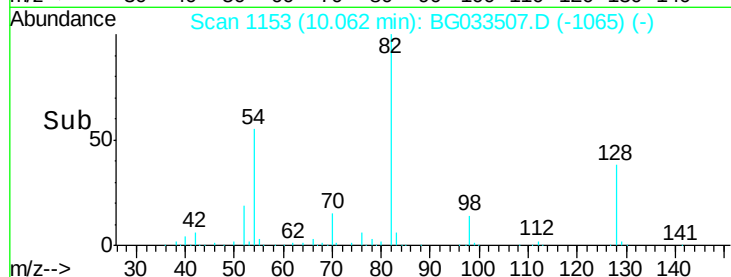
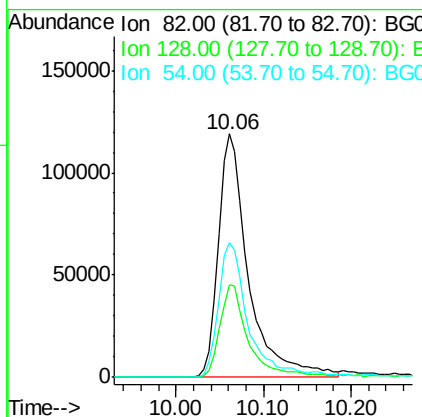
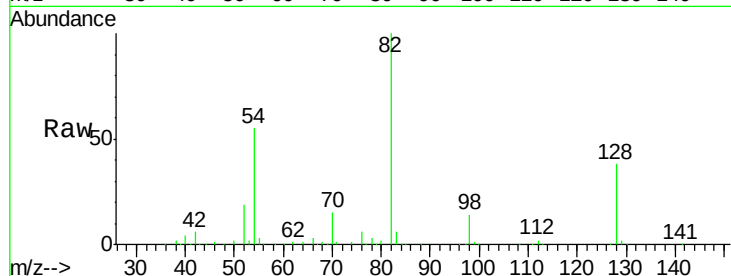




#23
Nitrobenzene-d5
Concen: 93.894 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG033507.D
Acq: 3 Apr 2018 3:31

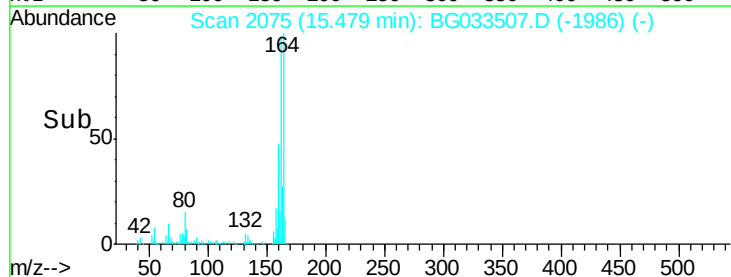
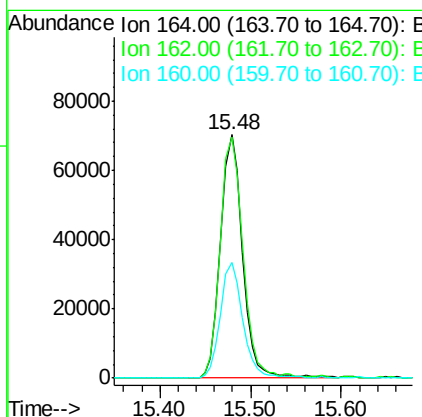
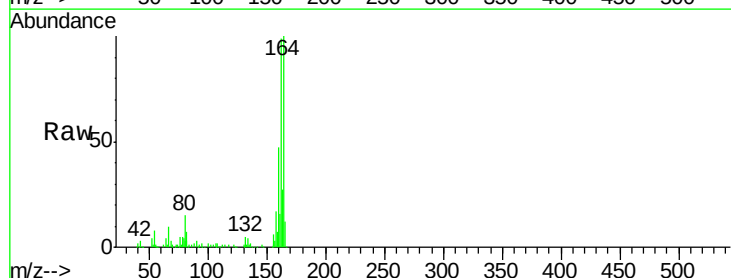
Instrument :
BNA_G
ClientSampleId :
032718-DBRI-F-D-M

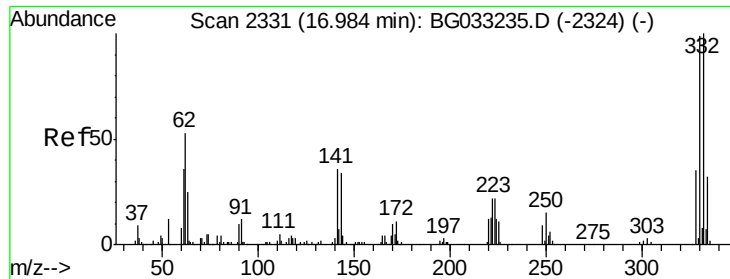
Tot Ion: 82 Resp: 282832
Ion Ratio Lower Upper
82 100
128 38.0 29.7 44.5
54 55.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033507.D
Acq: 3 Apr 2018 3:31

Tgt Ion:164 Resp: 119285
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 47.3 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 93.774 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-M

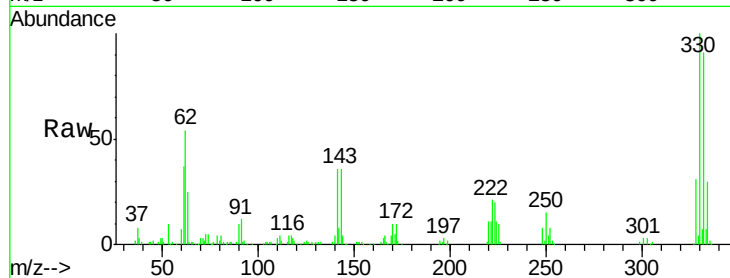
Tot Ion:330 Resp: 167297

Ion Ratio Lower Upper

330 100

332 93.3 77.0 115.6

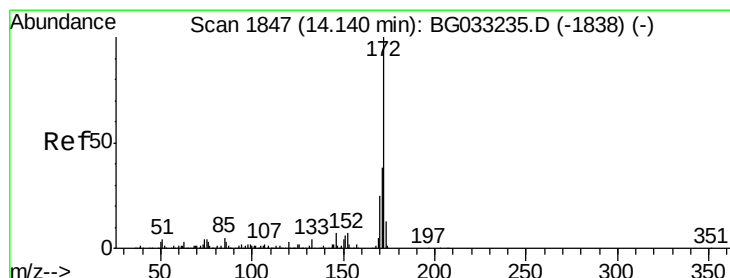
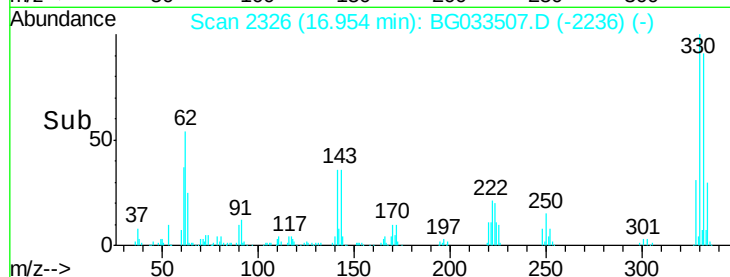
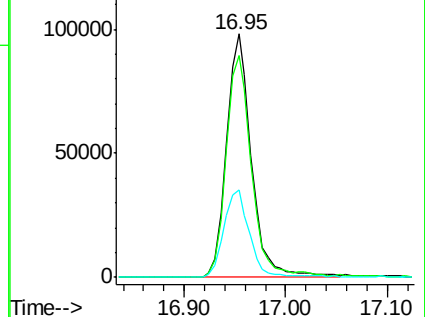
141 37.3 25.2 37.8



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: 93.049 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

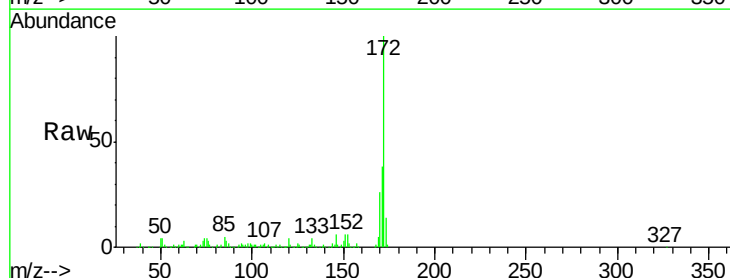
Tgt Ion:172 Resp: 768844

Ion Ratio Lower Upper

172 100

171 38.0 30.0 45.0

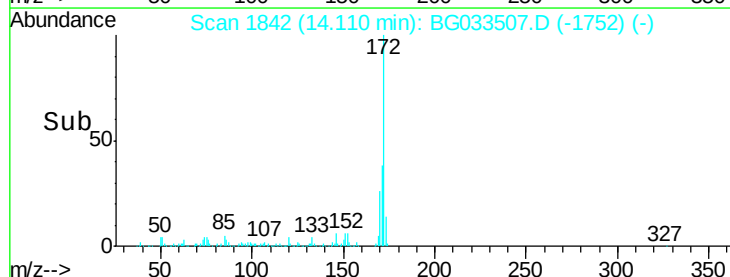
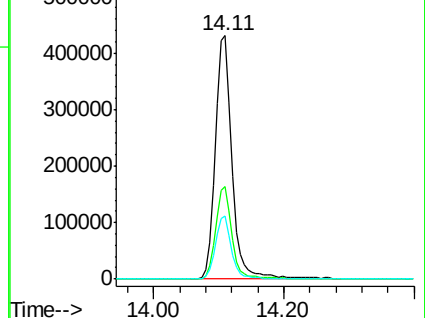
170 25.8 19.5 29.3

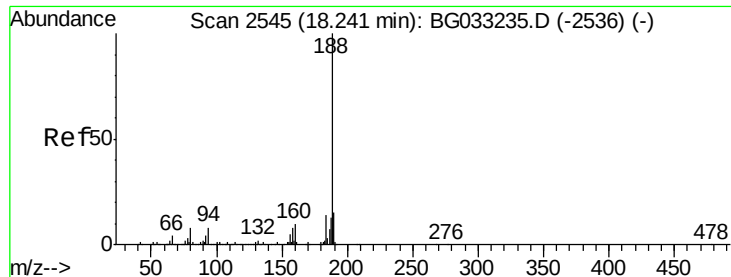


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-M

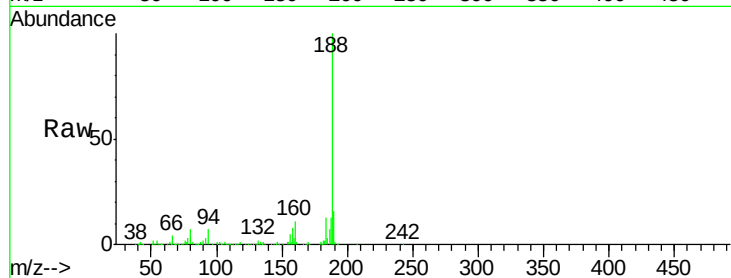
Tot Ion:188 Resp: 335169

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

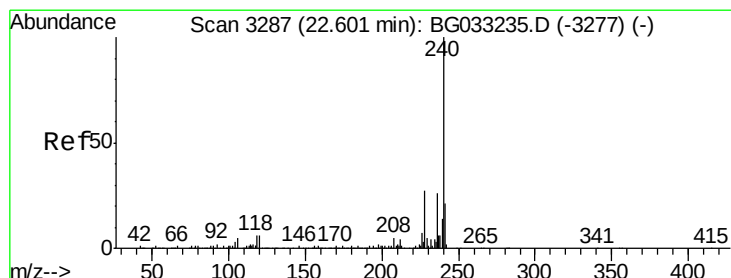
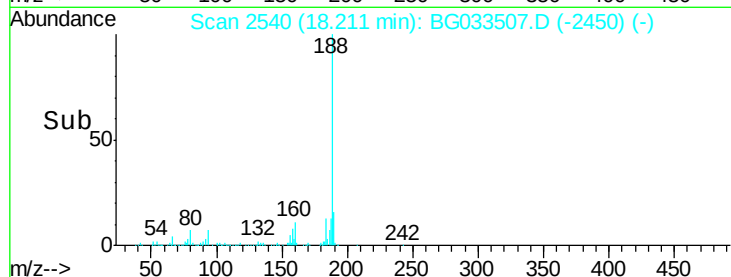
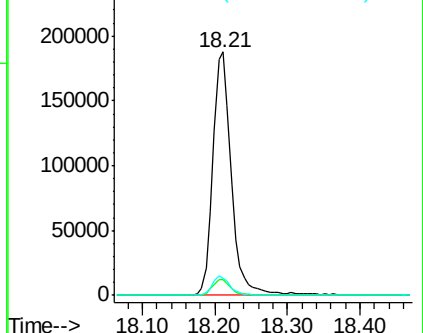
80 7.2 7.7 11.5#



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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

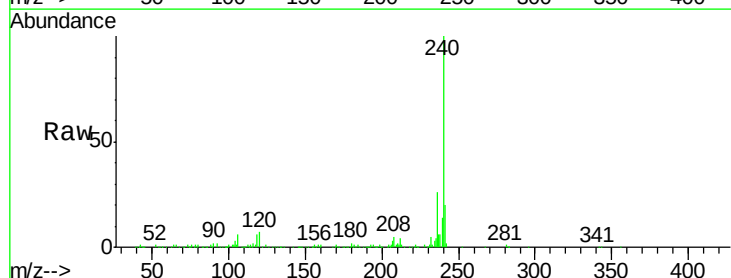
Tgt Ion:240 Resp: 338765

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

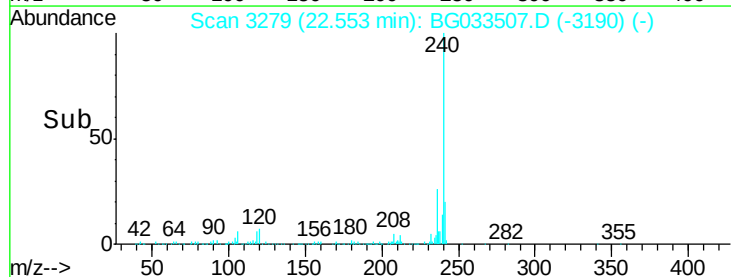
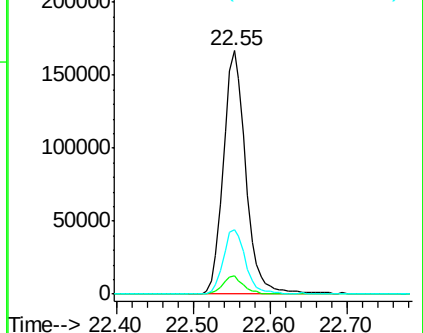
236 26.3 20.9 31.3

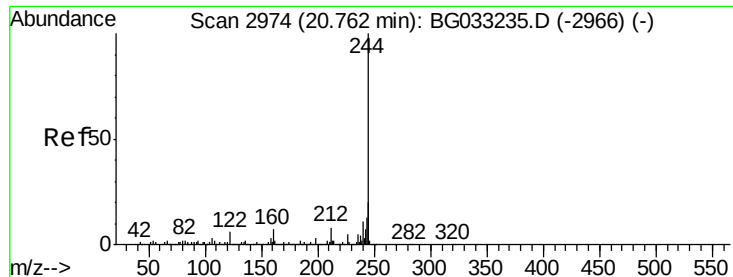


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.356 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-M

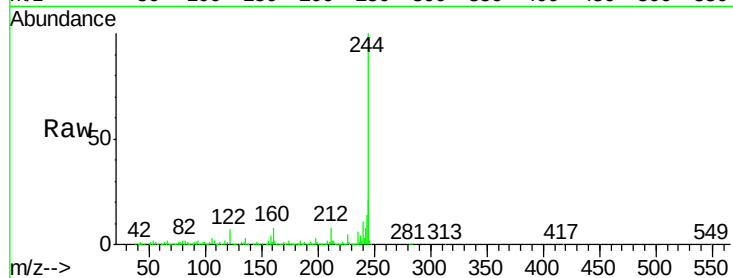
Tot Ion:244 Resp: 1383752

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

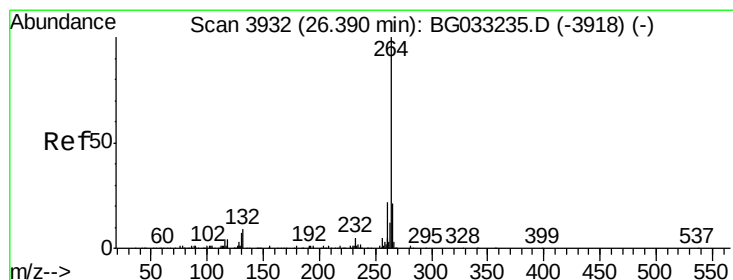
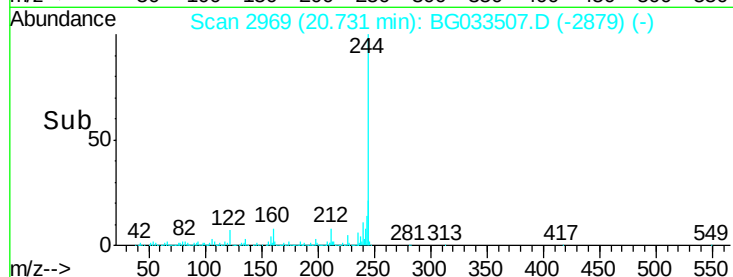
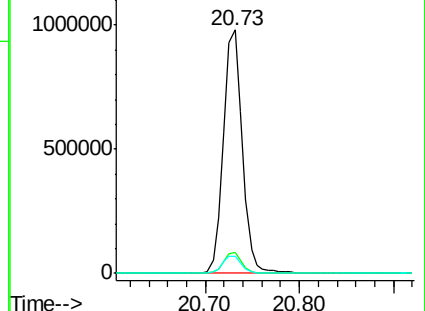
122 7.0 7.0 10.4#



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: 26.31 min Scan# 3919

Delta R.T. -0.02 min

Lab File: BG033507.D

Acq: 3 Apr 2018 3:31

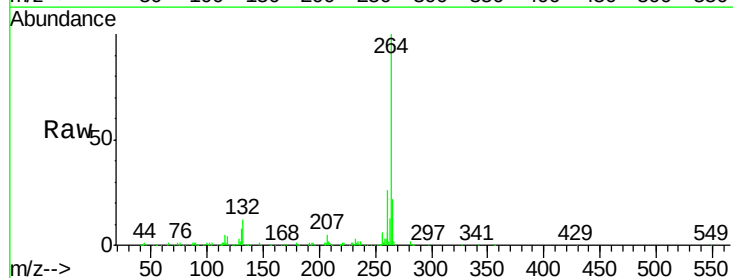
Tgt Ion:264 Resp: 348809

Ion Ratio Lower Upper

264 100

260 25.5 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

