

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033661.D
 Acq On : 7 Apr 2018 11:47
 Operator : SJ/JU
 Sample : J2225-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-U-B

Quant Time: Apr 09 03:11:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

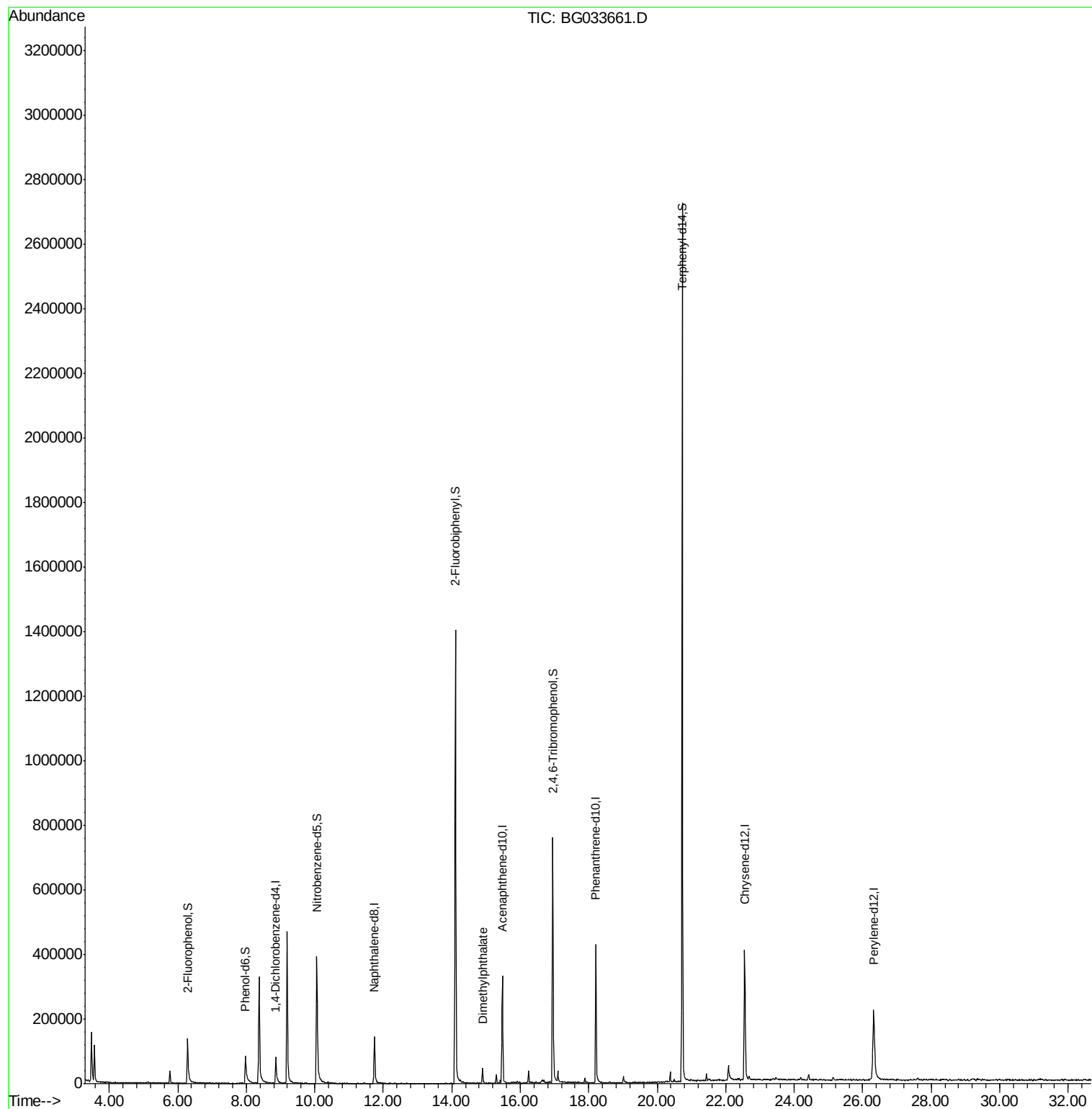
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31092	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	149226	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124605	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	309338	20.00	ng	0.00
75) Chrysene-d12	22.55	240	315693	20.00	ng	0.00
86) Perylene-d12	26.32	264	317159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78390	47.28	ng	0.00
7) Phenol-d6	7.98	99	81191	28.50	ng	0.00
23) Nitrobenzene-d5	10.06	82	325549	100.23	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	152471	81.81	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	788671	91.37	ng	0.00
78) Terphenyl-d14	20.73	244	1390230	94.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	30968	2.856	ng	Qvalue # 98

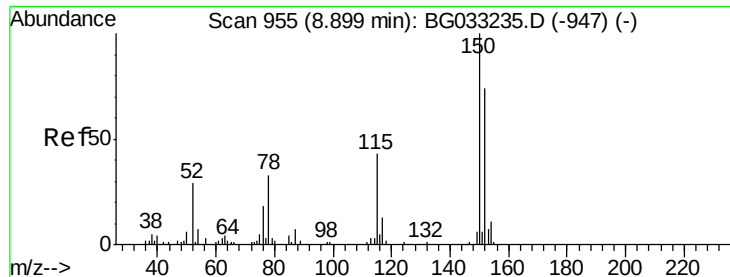
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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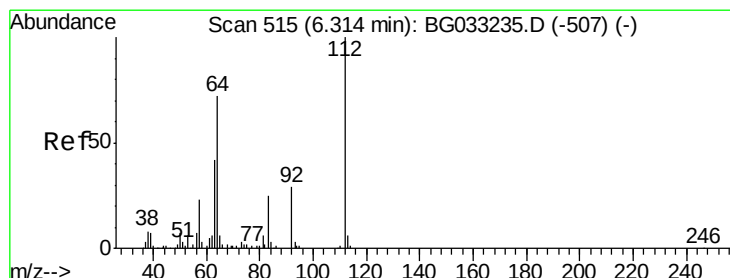
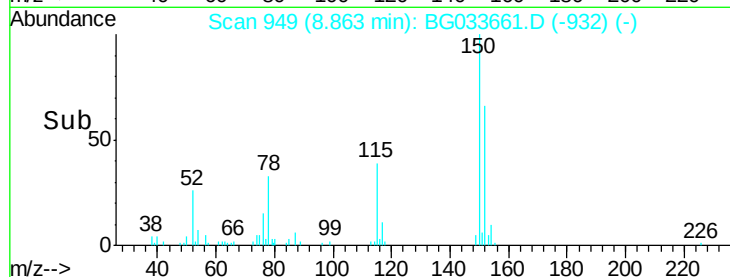
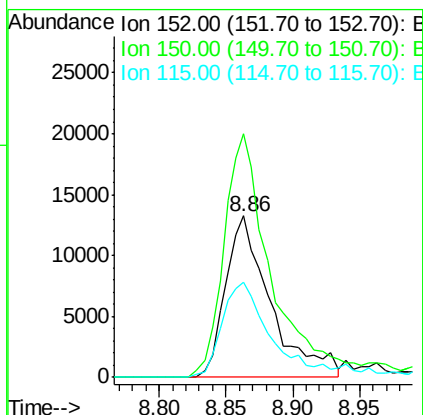
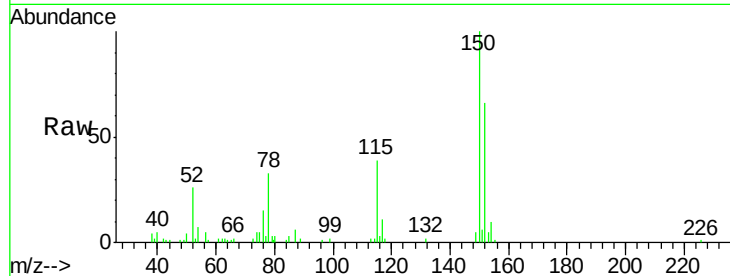


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Instrument :
BNA_G
ClientSampleId :
040218-DBRI-F-U-B

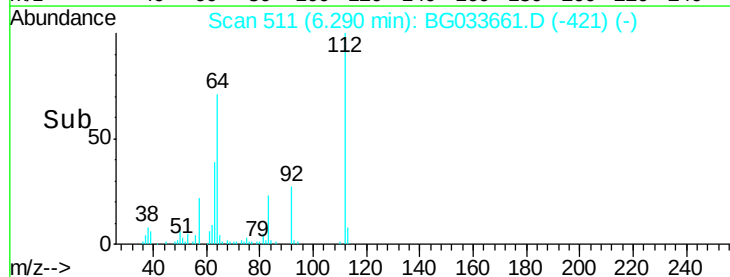
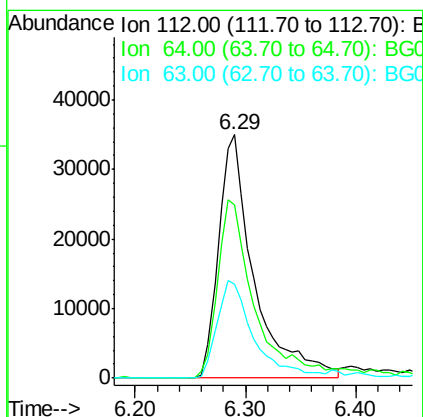
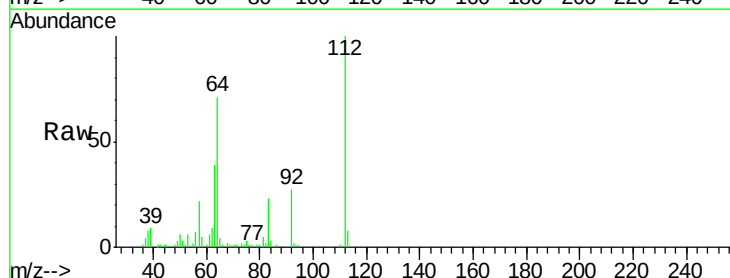
Tot Ion:152 Resp: 31092
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 58.7 53.0 79.4

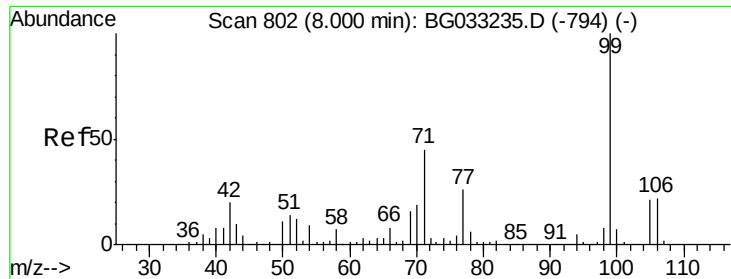


#5

2-Fluorophenol
Concen: 47.276 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Tgt Ion:112 Resp: 78390
Ion Ratio Lower Upper
112 100
64 71.1 56.3 84.5
63 38.6 30.1 45.1





#7

Phenol-d6

Concen: 28.498 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-B

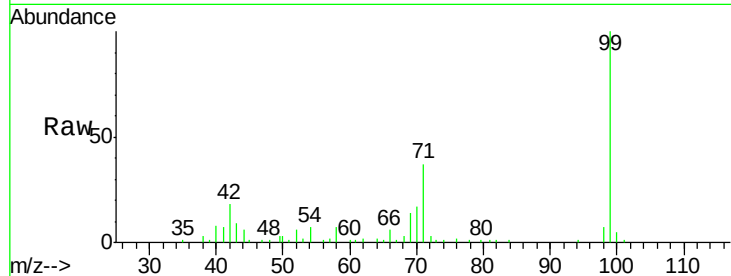
Tot Ion: 99 Resp: 81191

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

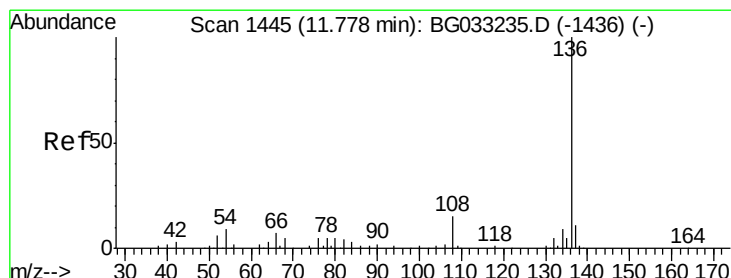
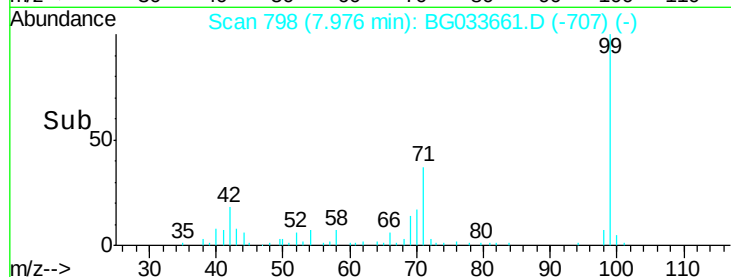
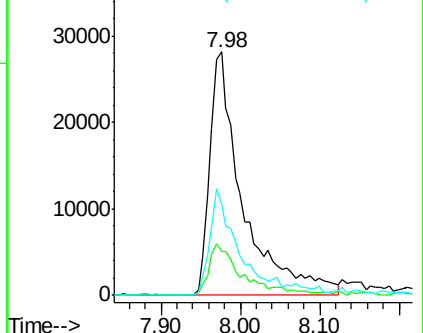
71 37.4 26.1 39.1



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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Tgt Ion: 136 Resp: 149226

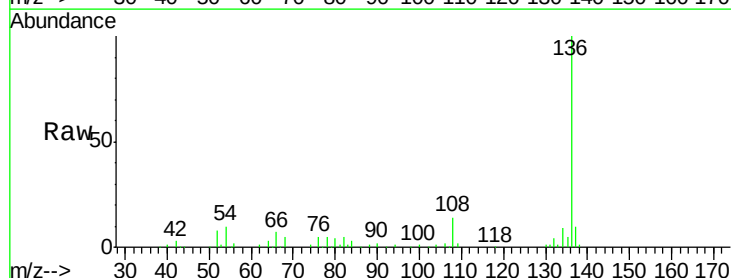
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 9.5 10.3 15.5#

68 5.4 4.5 6.7

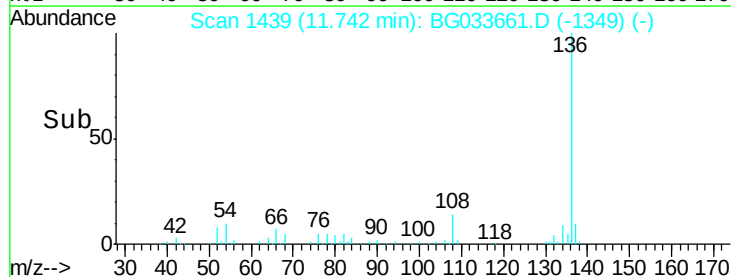
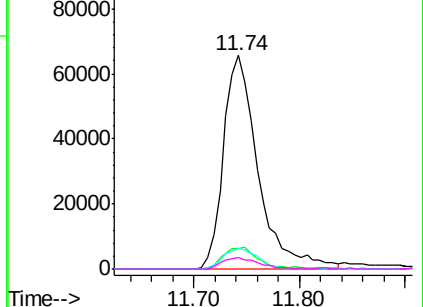


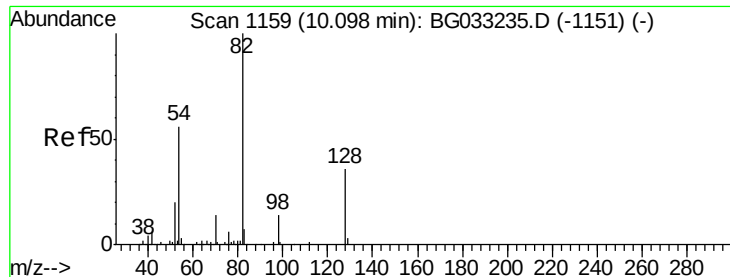
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 100.231 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-B

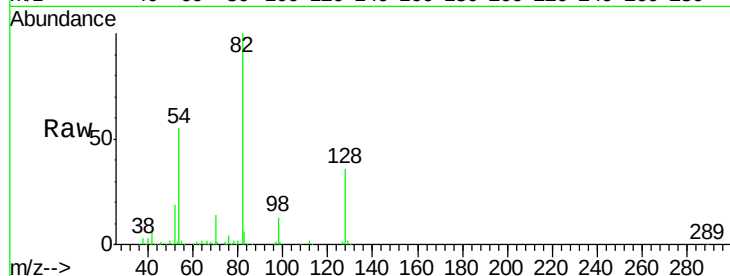
Tot Ion: 82 Resp: 325549

Ion Ratio Lower Upper

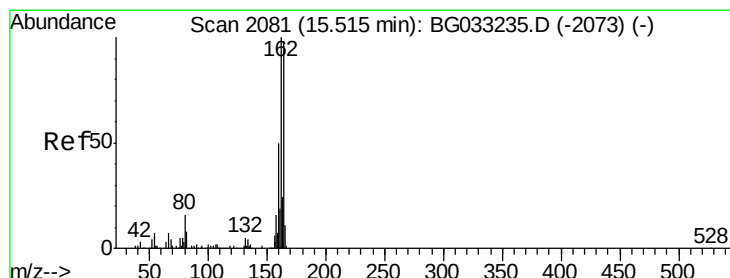
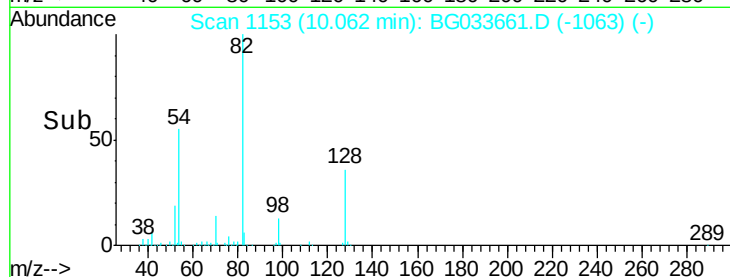
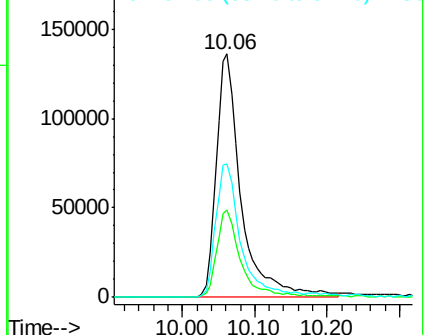
82 100

128 36.0 29.7 44.5

54 54.8 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: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

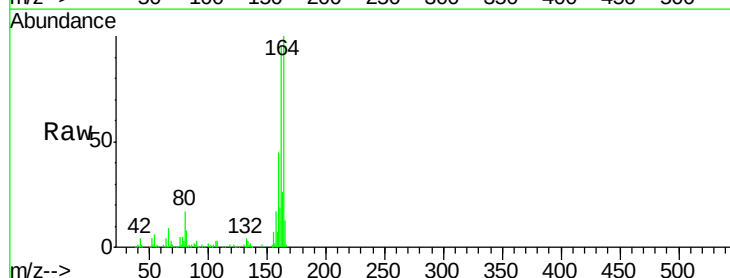
Tgt Ion: 164 Resp: 124605

Ion Ratio Lower Upper

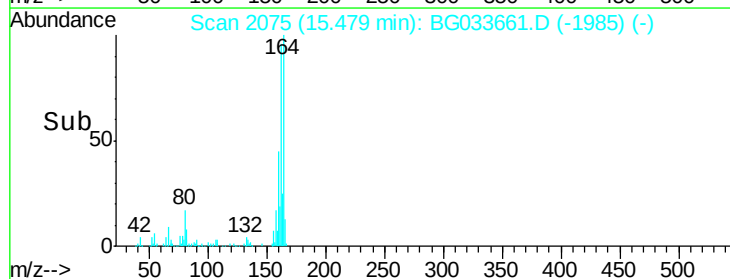
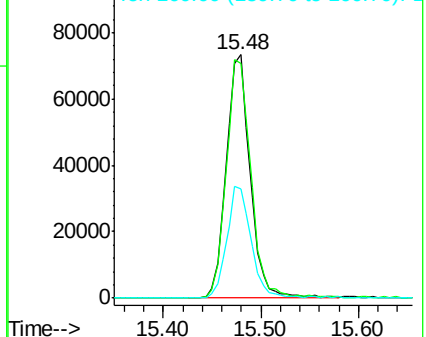
164 100

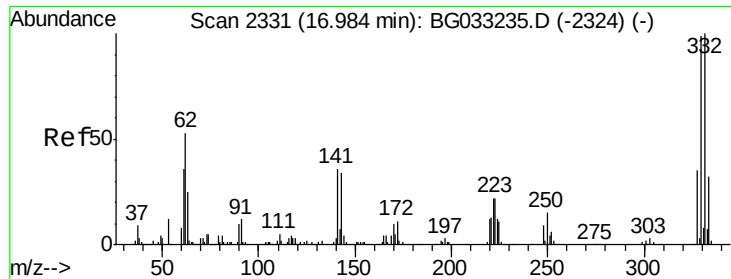
162 96.3 78.8 118.2

160 44.8 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

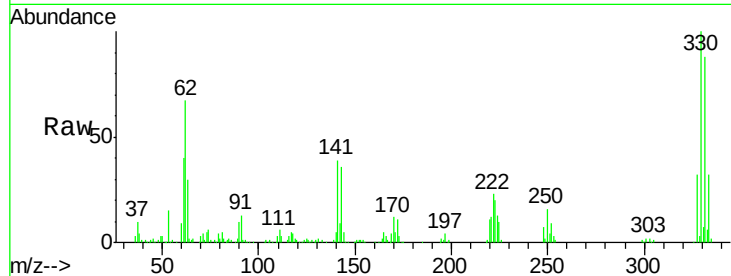




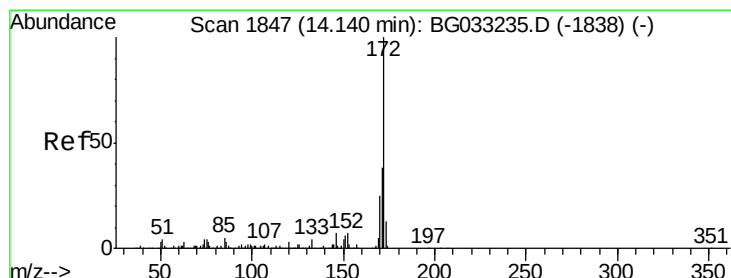
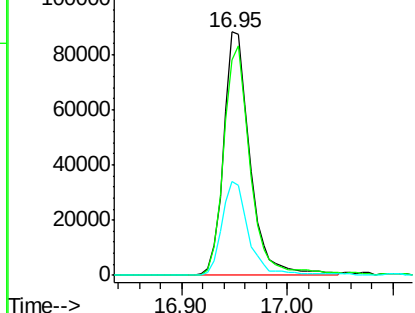
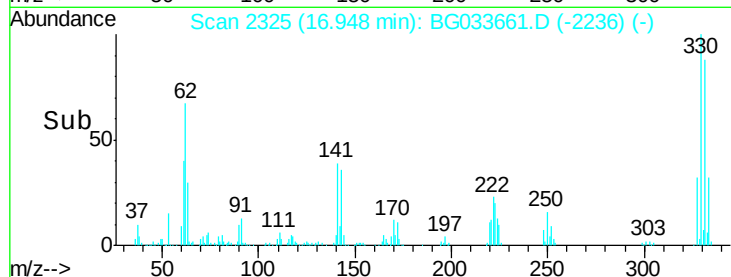
#41
 2,4,6-Tribromophenol
 Concen: 81.815 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-U-B

Tot Ion:330 Resp: 152471
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 38.9 25.2 37.8#

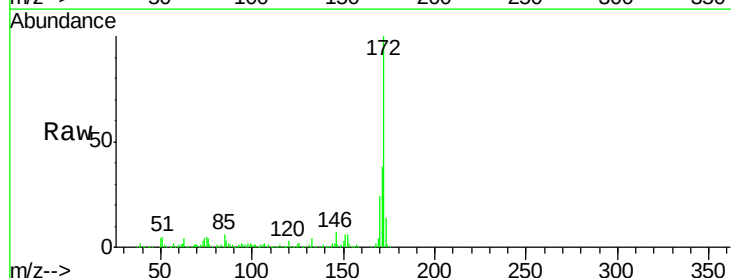


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

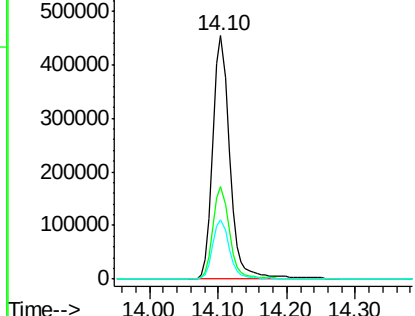
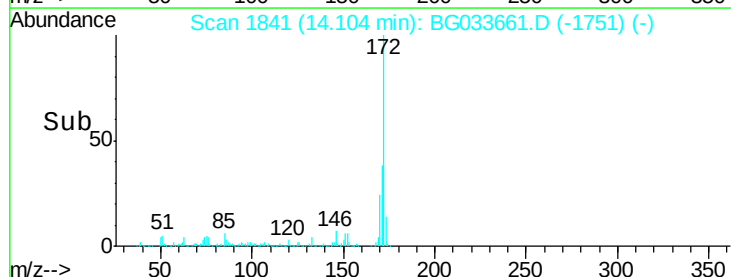


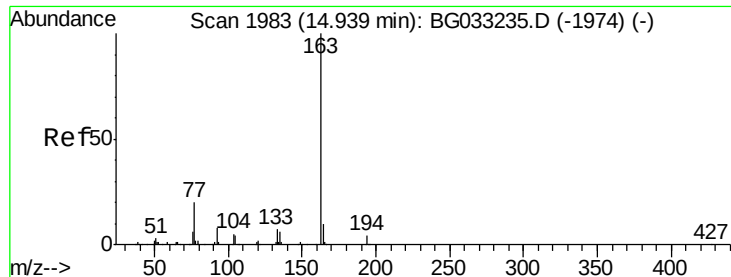
#44
 2-Fluorobiphenyl
 Concen: 91.373 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Tgt Ion:172 Resp: 788671
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.4 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: 2.856 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-B

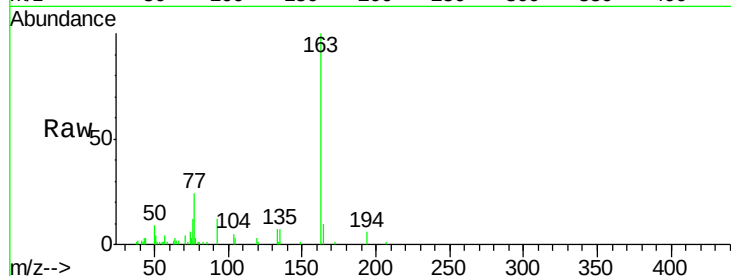
Tot Ion:163 Resp: 30968

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

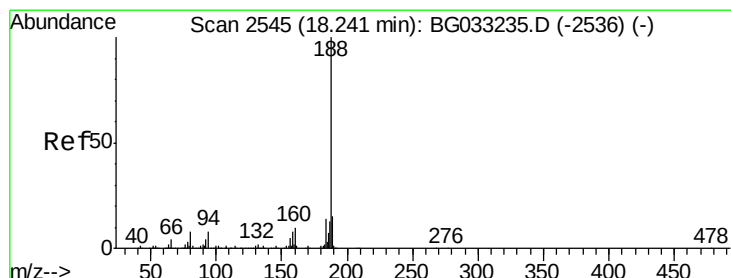
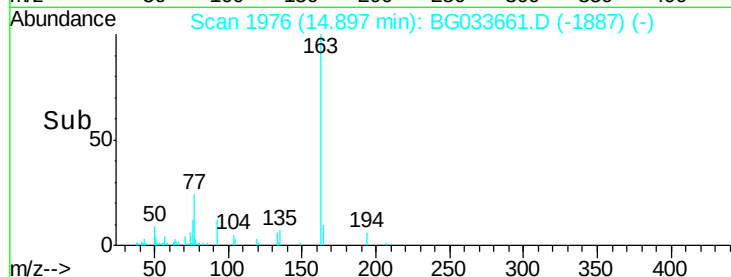
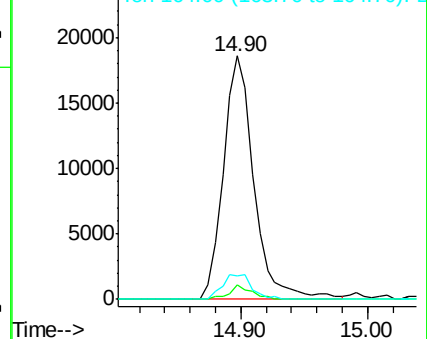
164 9.8 8.2 12.4



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: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

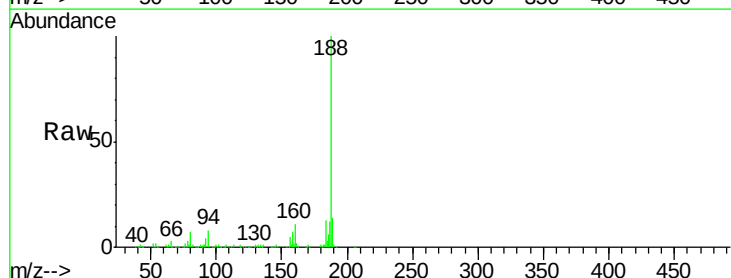
Tgt Ion:188 Resp: 309338

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

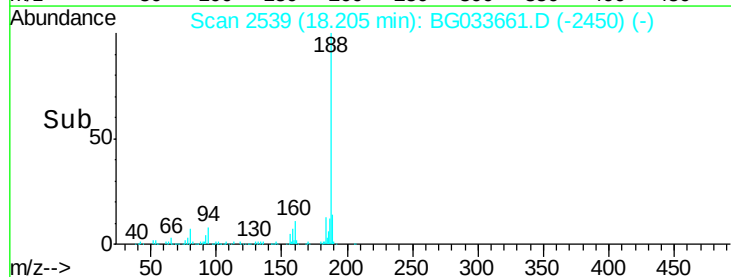
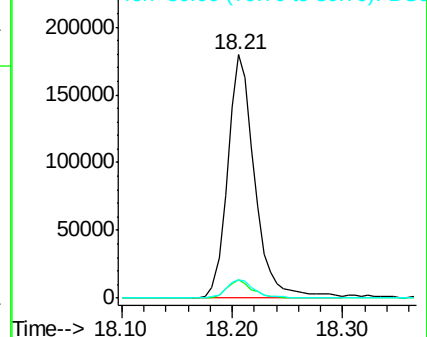
80 7.4 7.7 11.5#

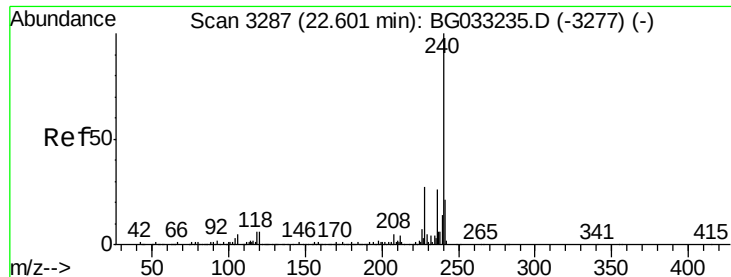


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-U-B

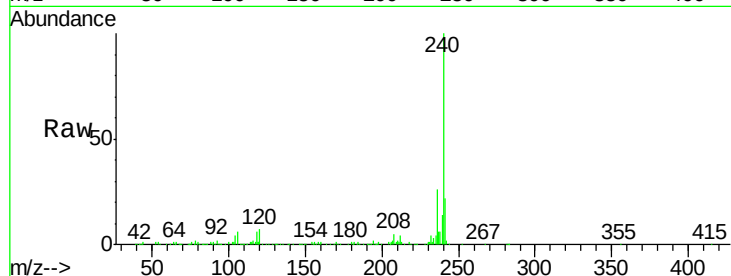
Tot Ion:240 Resp: 315693

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

236 25.6 20.9 31.3

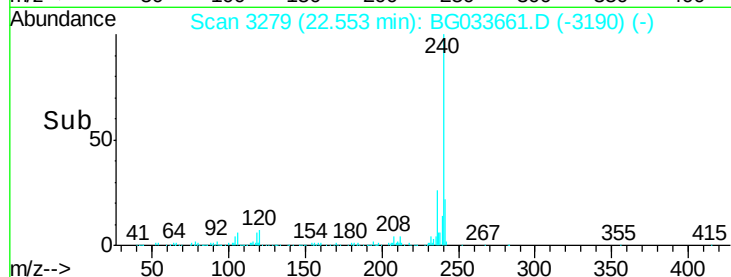


Abundance Ion 240.00 (239.70 to 240.70): E

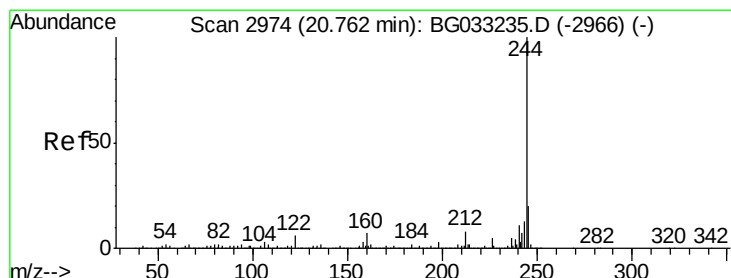
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.55



Time-->



#78

Terphenyl-d14

Concen: 94.179 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

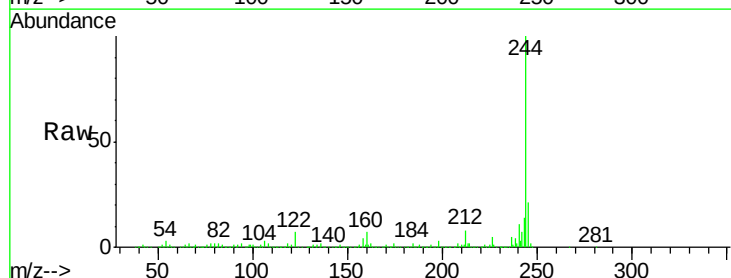
Tgt Ion:244 Resp: 1390230

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

122 7.1 7.0 10.4

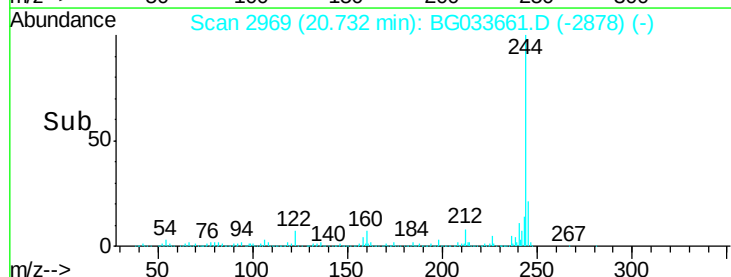


Abundance Ion 244.00 (243.70 to 244.70): E

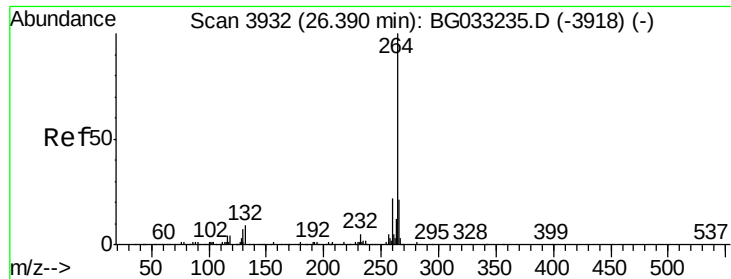
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.73



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Instrument :
BNA_G
ClientSampleId :
040218-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.5	17.7	26.5

