

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107561.D
 Acq On : 21 Jul 2018 8:31
 Operator : JU/SJ
 Sample : J4061-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-B

Quant Time: Jul 23 04:07:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

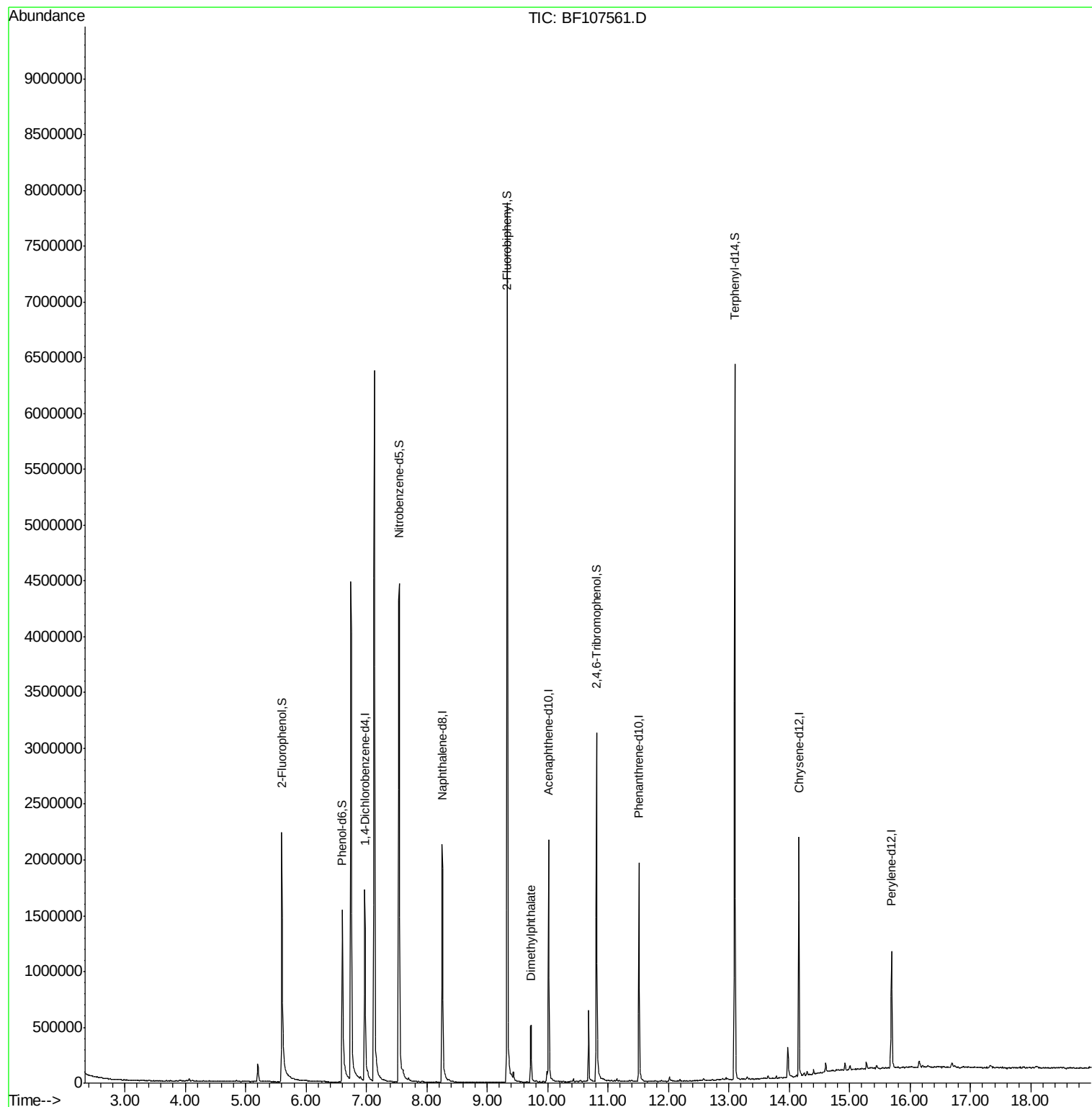
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	329556	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1214069	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	483855	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	829359	20.00	ng	0.00
75) Chrysene-d12	14.16	240	720997	20.00	ng	0.00
86) Perylene-d12	15.69	264	531793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	880239	42.94	ng	0.00
7) Phenol-d6	6.60	99	821139	33.36	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1867581	103.82	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	469662	85.36	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2908490	112.22	ng	0.00
78) Terphenyl-d14	13.10	244	2357371	83.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	253949	6.964	ng	Qvalue 99

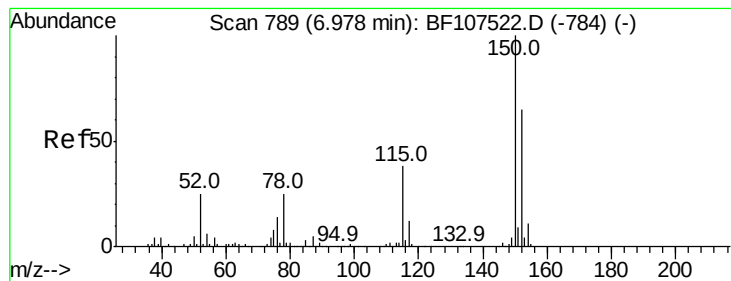
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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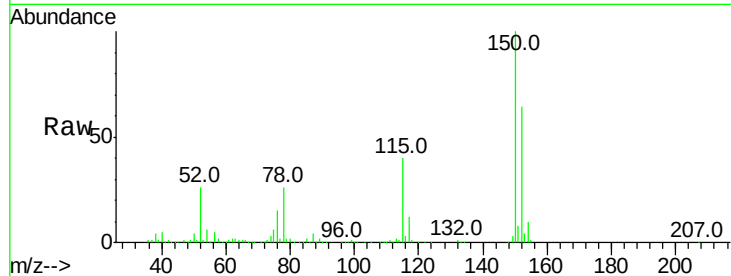


#1

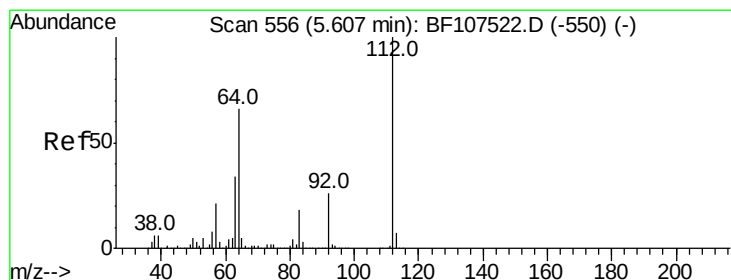
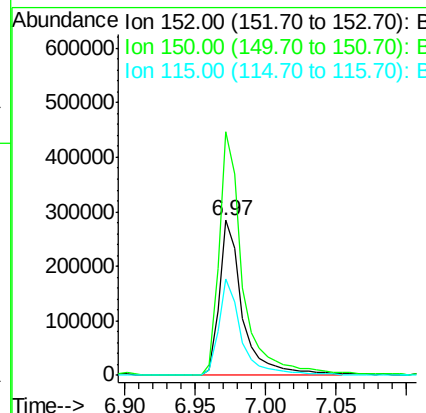
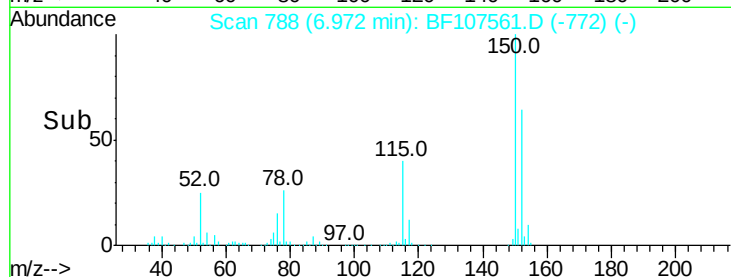
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-B

Tot Ion:152 Resp: 329556
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.2 50.1 75.1



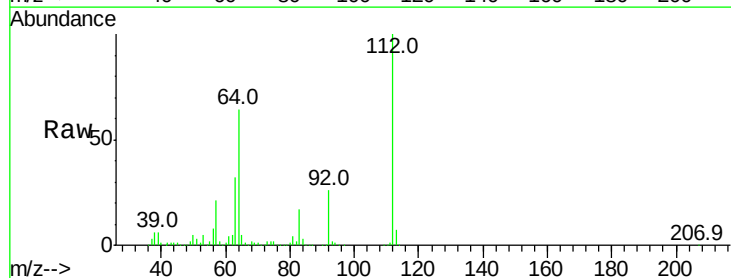
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



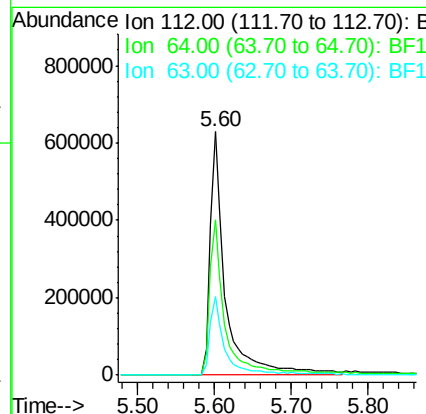
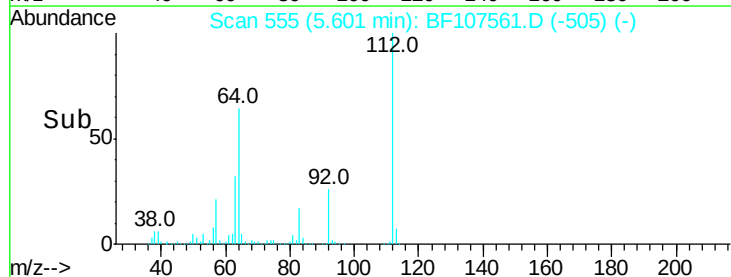
#5

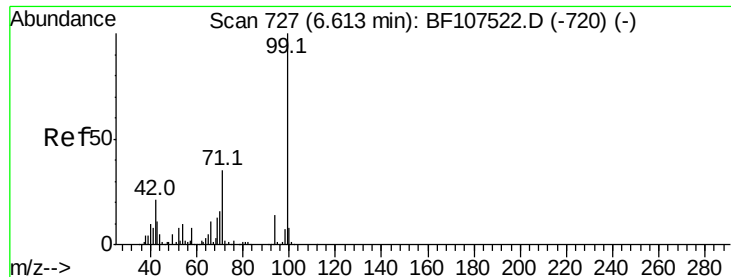
2-Fluorophenol
Concen: 42.944 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

Tgt Ion:112 Resp: 880239
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 33.364 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-B

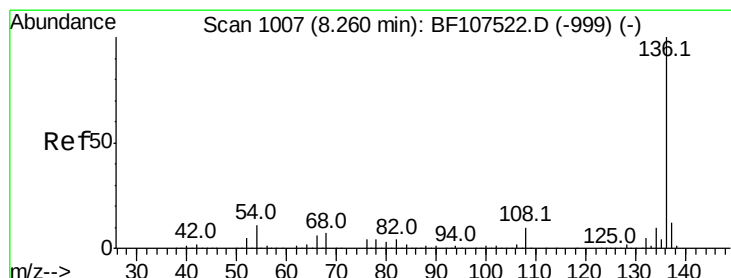
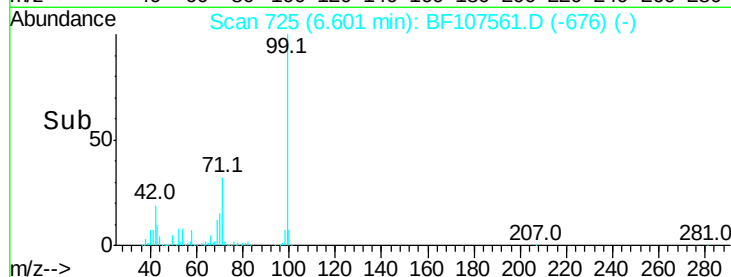
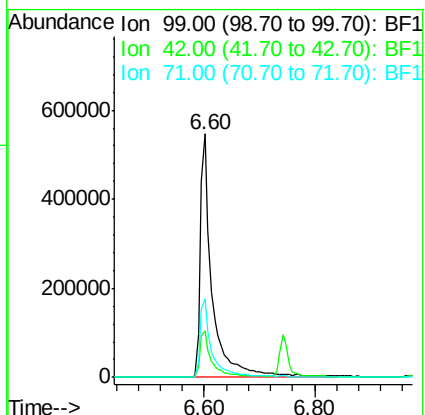
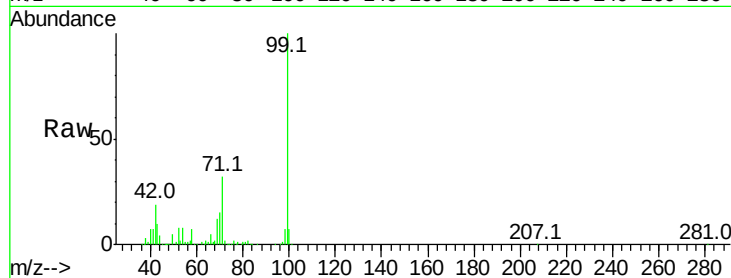
Tot Ion: 99 Resp: 821139

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Tgt Ion: 136 Resp: 1214069

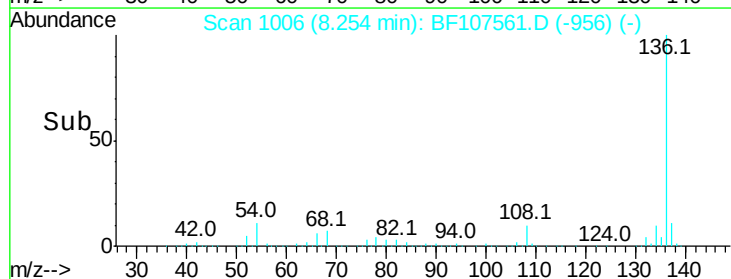
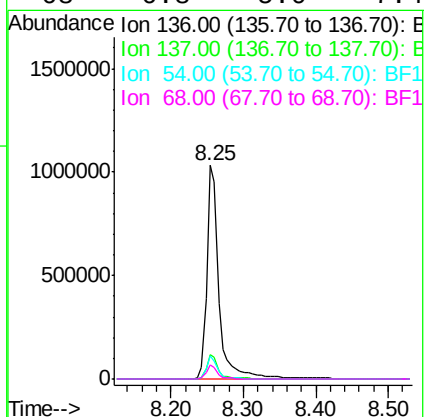
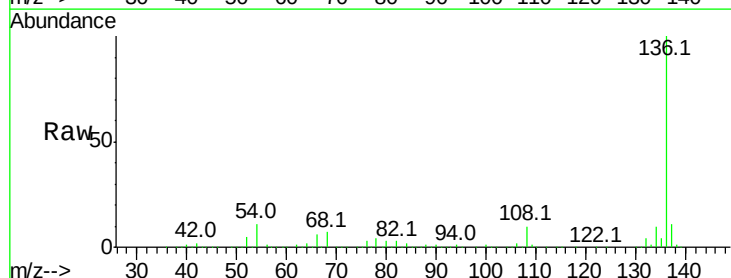
Ion Ratio Lower Upper

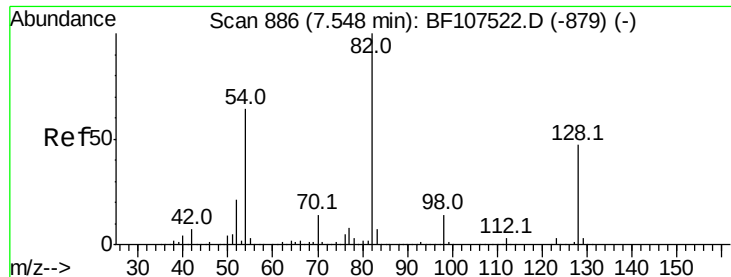
136 100

137 11.3 8.9 13.3

54 10.6 6.6 9.8#

68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 103.815 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-B

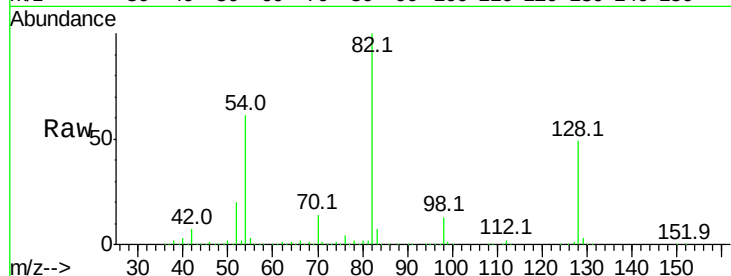
Tot Ion: 82 Resp: 1867581

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

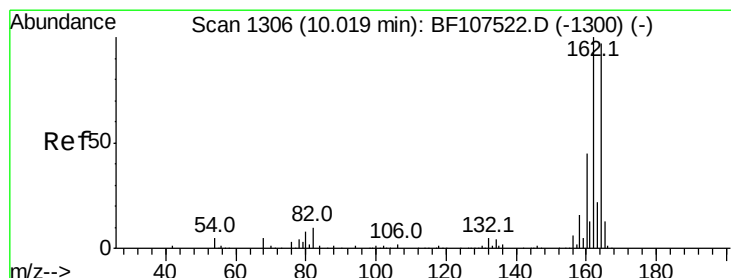
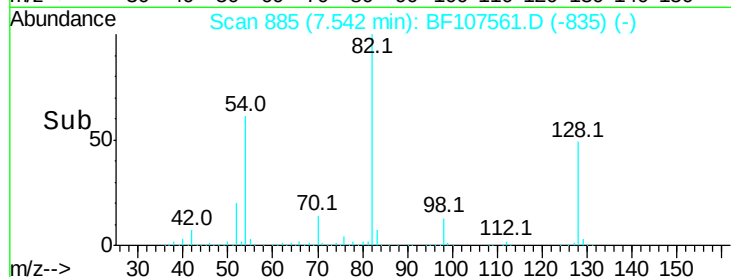
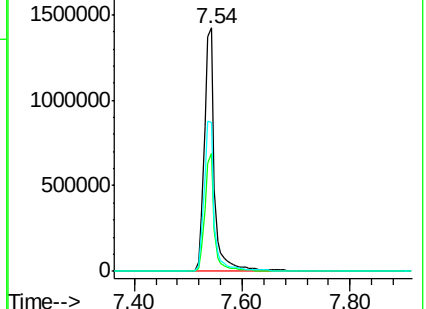
54 61.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

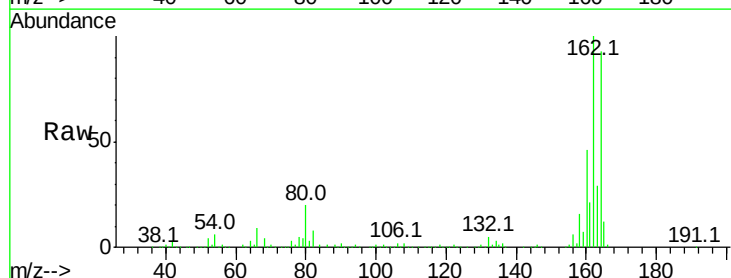
Tgt Ion:164 Resp: 483855

Ion Ratio Lower Upper

164 100

162 107.2 86.1 129.1

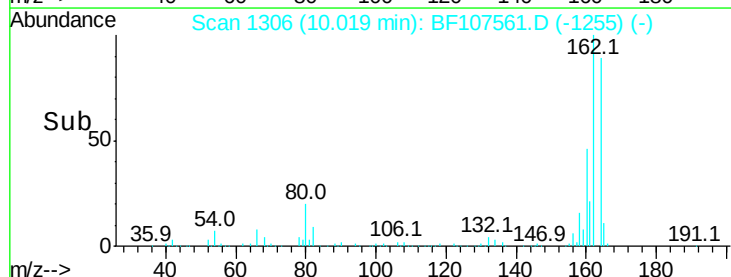
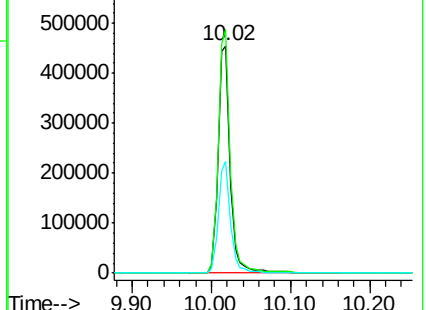
160 49.1 38.3 57.5

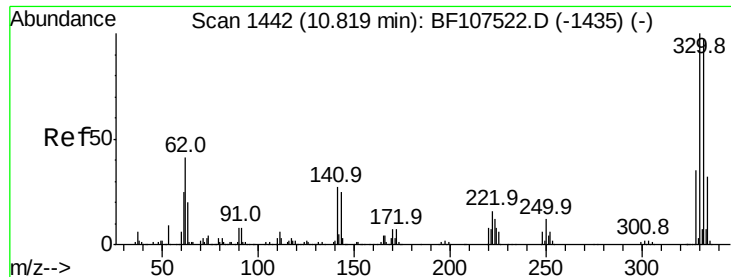


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

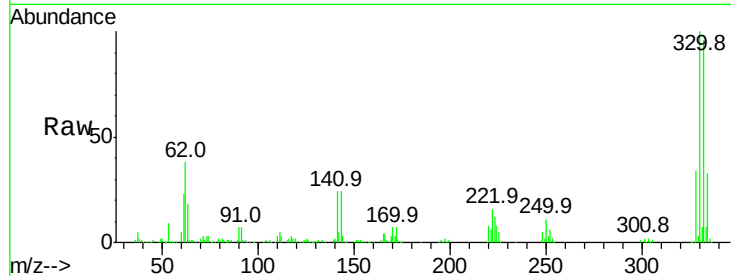




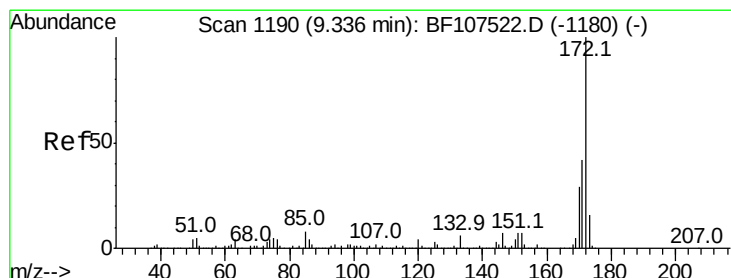
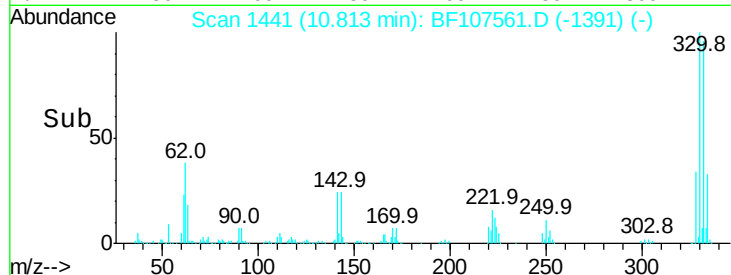
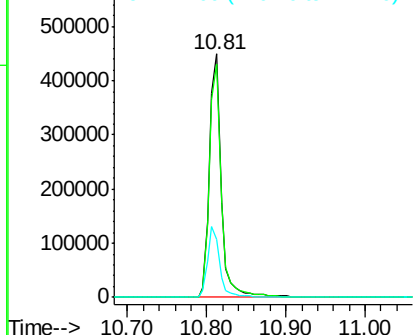
#41
 2,4,6-Tribromophenol
 Concen: 85.359 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-B

Tot Ion:330 Resp: 469662
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 30.4 29.9 44.9

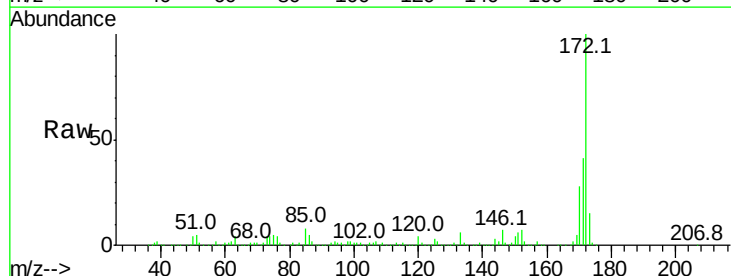


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

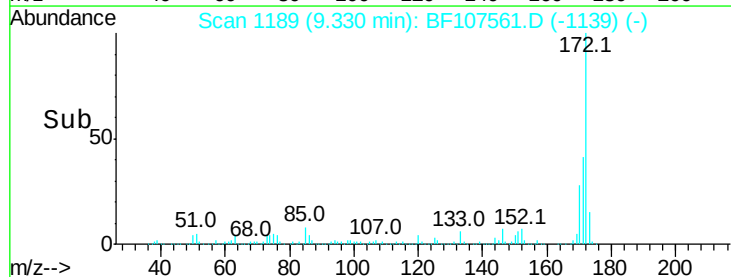
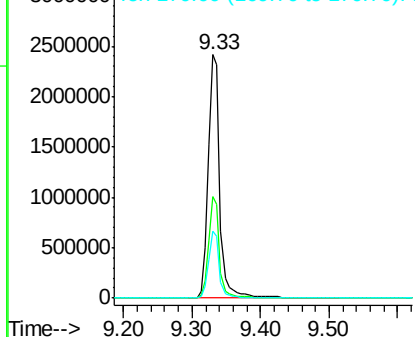


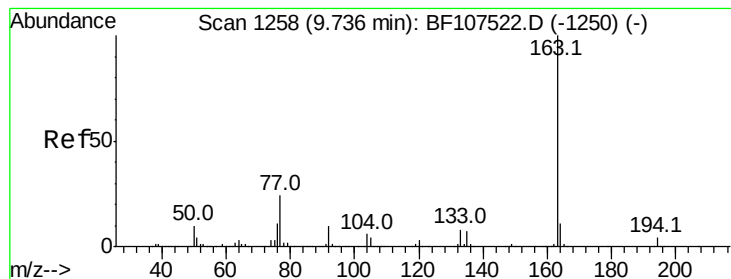
#44
 2-Fluorobiphenyl
 Concen: 112.217 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

Tgt Ion:172 Resp: 2908490
 Ion Ratio Lower Upper
 172 100
 171 41.4 29.7 44.5
 170 27.6 19.6 29.4



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: 6.964 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-B

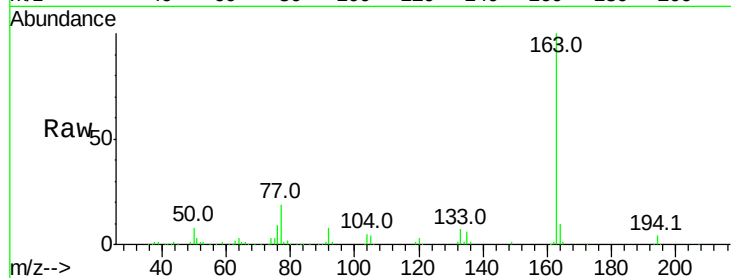
Tot Ion:163 Resp: 253949

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

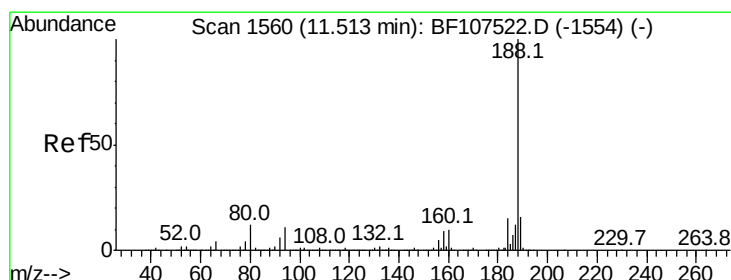
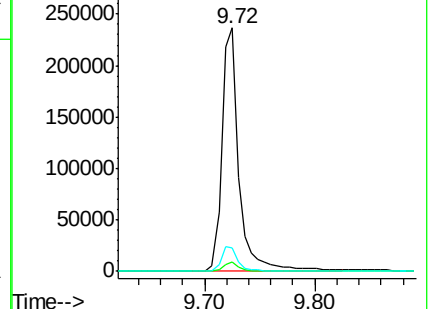
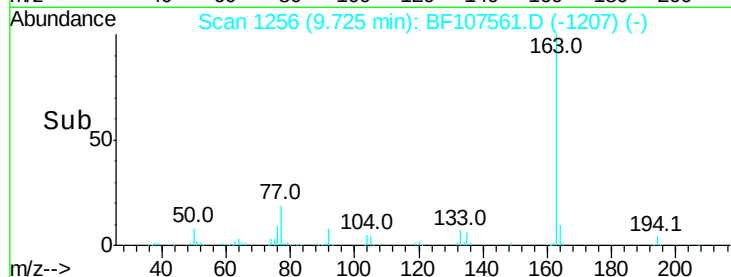
164 9.7 8.2 12.2



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: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

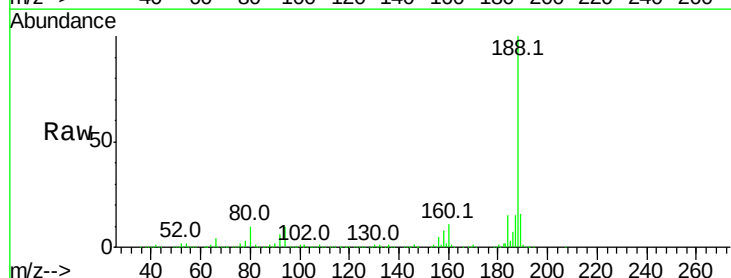
Tgt Ion:188 Resp: 829359

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

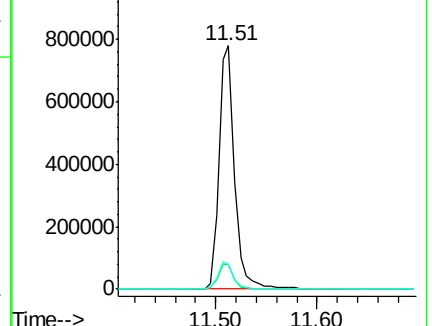
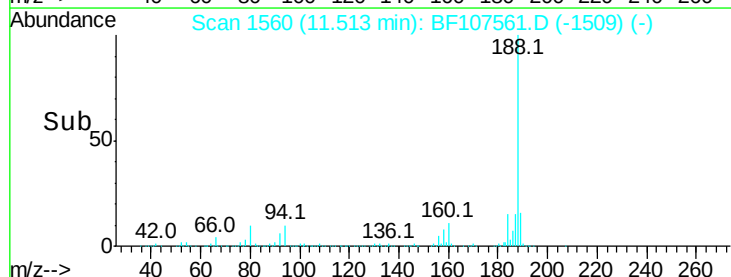
80 10.1 9.2 13.8

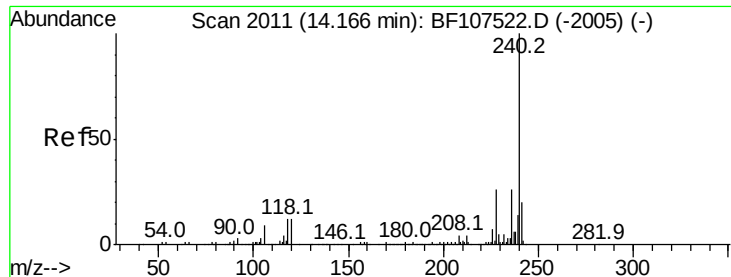


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

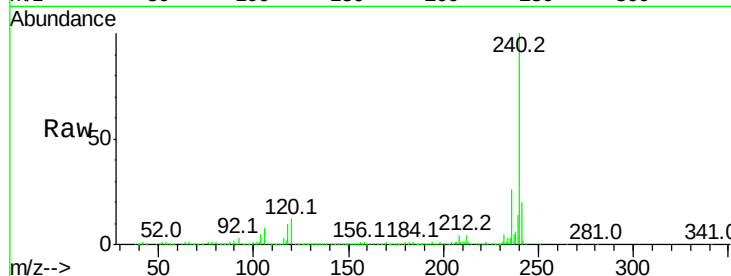
BNA_F

ClientSampleId :

071718-DBRI-E-U-B

Tot Ion:240 Resp: 720997

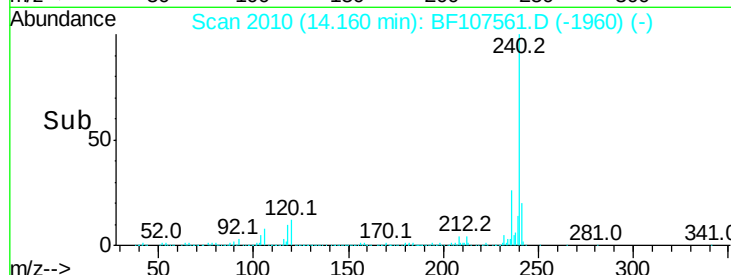
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.0	20.7	31.1



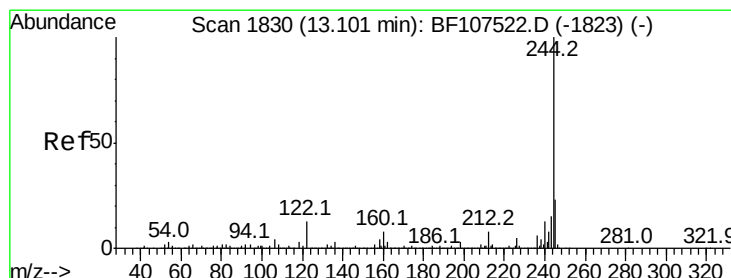
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 83.705 ng

RT: 13.10 min Scan# 1830

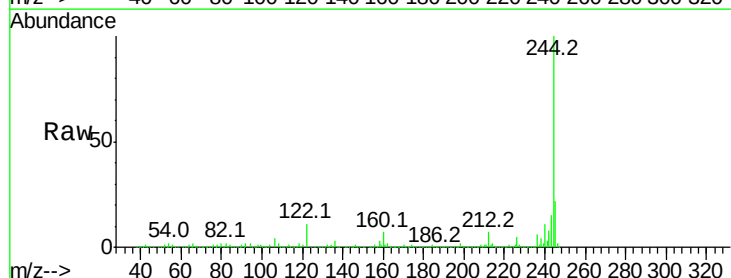
Delta R.T. 0.00 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Tgt Ion:244 Resp: 2357371

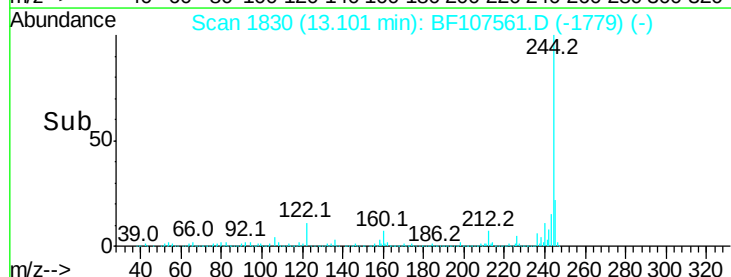
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.2	11.0	16.4



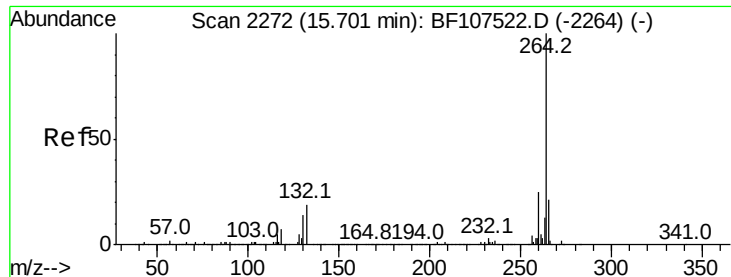
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.6	17.5	26.3

