

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107684.D
 Acq On : 26 Jul 2018 4:35
 Operator : JU/SJ
 Sample : J4133-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 072318-DBRI-F-D-B

Quant Time: Jul 26 08:04:25 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

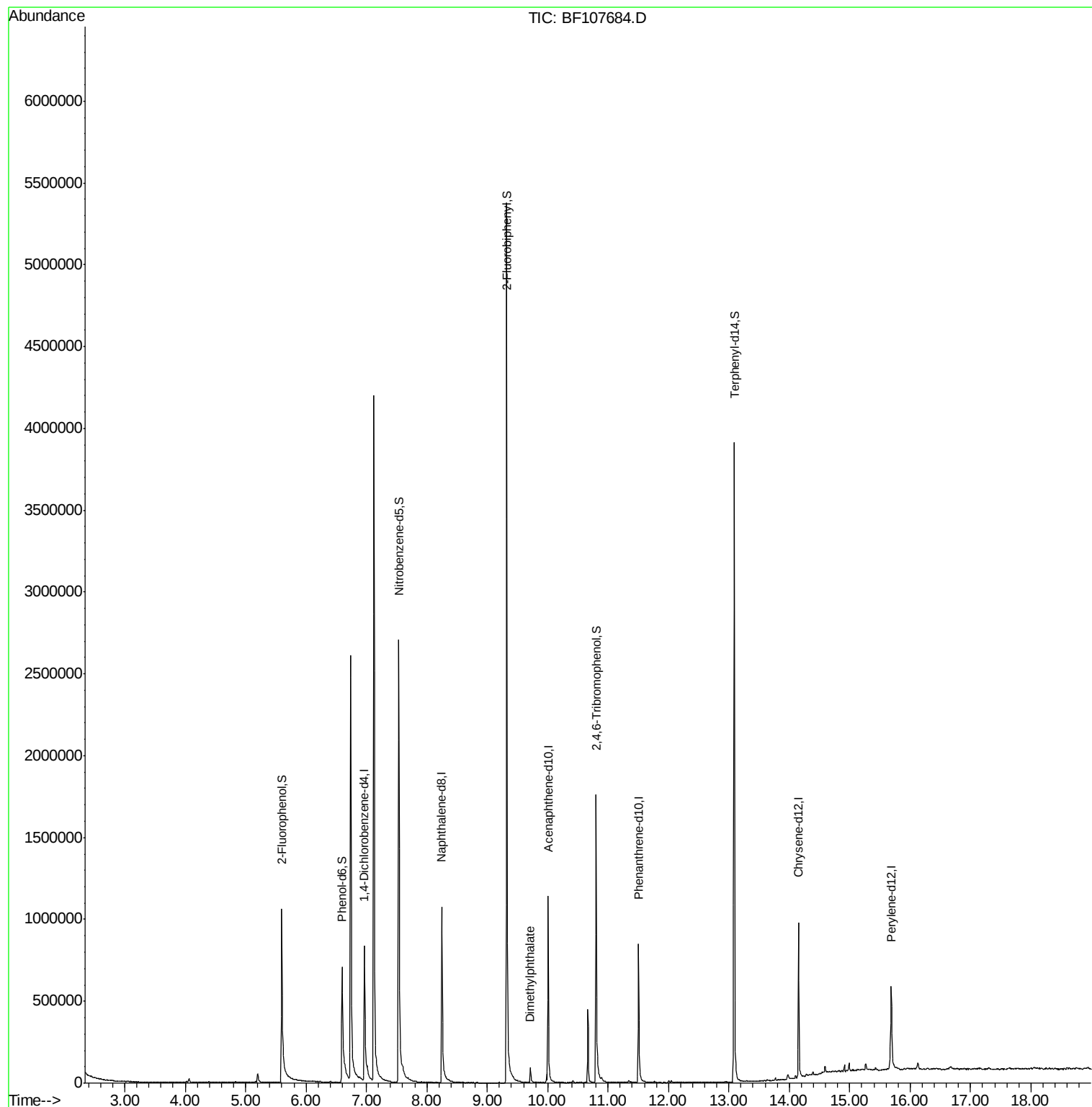
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	187014	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	685601	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	254533	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	440381	20.00	ng	0.00
75) Chrysene-d12	14.15	240	374823	20.00	ng	-0.01
86) Perylene-d12	15.69	264	292544	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	483484	41.57	ng	-0.01
7) Phenol-d6	6.60	99	438613	31.40	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1195918	117.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	279921	96.71	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1975358	184.94	ng	-0.01
78) Terphenyl-d14	13.09	244	1488442	101.66	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	49370	2.574	ng	99

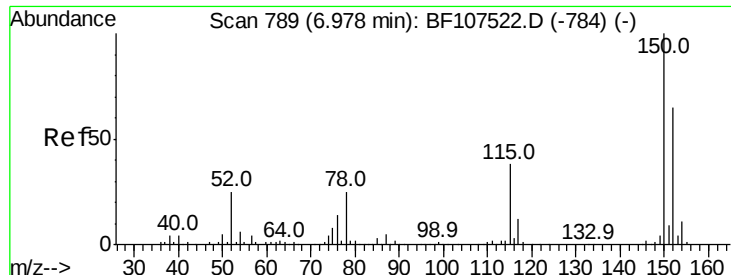
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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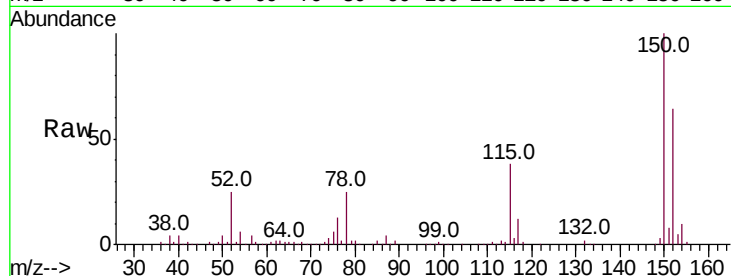


#1

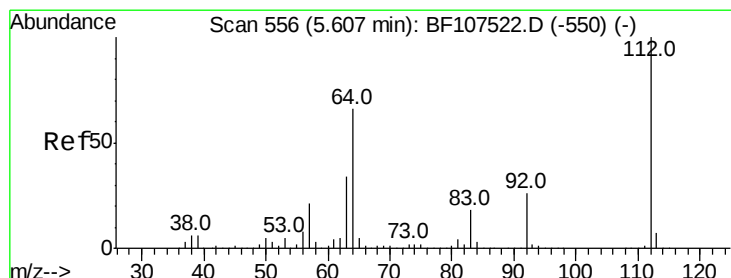
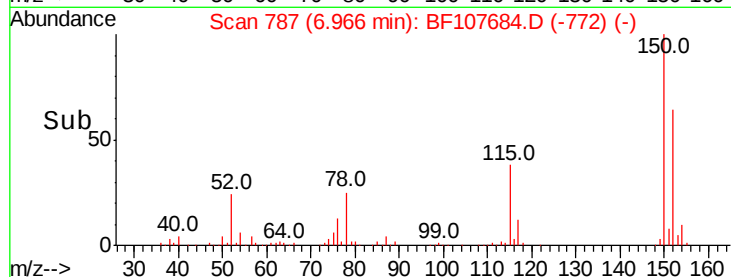
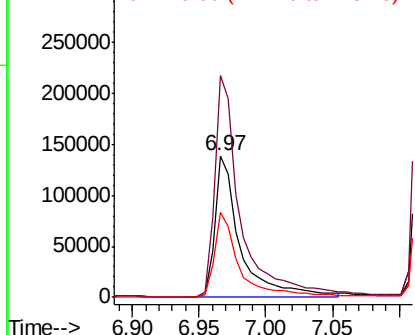
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-D-B

Tot Ion:152 Resp: 187014
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.2 50.1 75.1



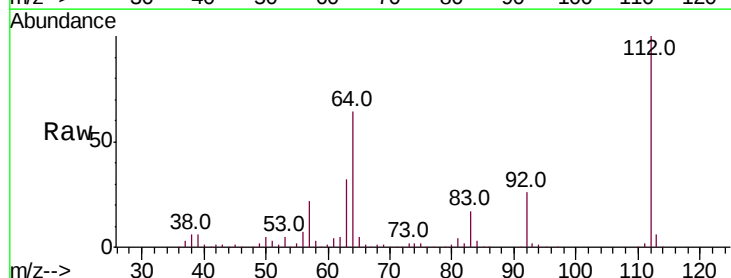
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



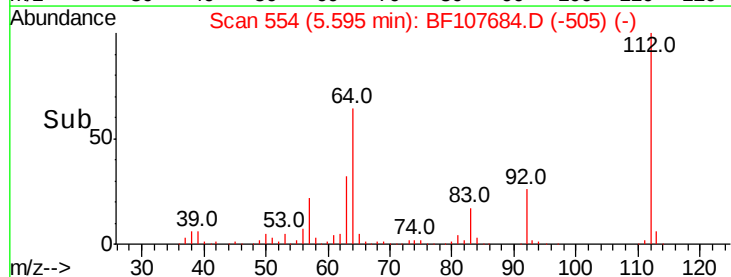
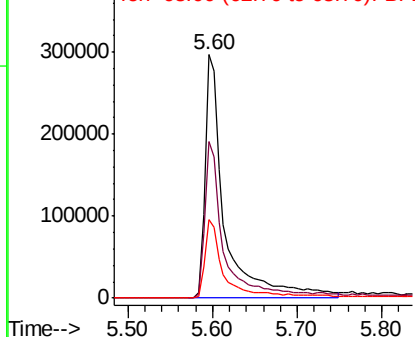
#5

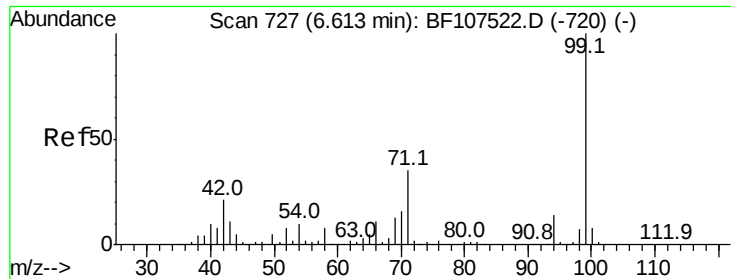
2-Fluorophenol
Concen: 41.566 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:112 Resp: 483484
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 32.2 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: 31.405 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-D-B

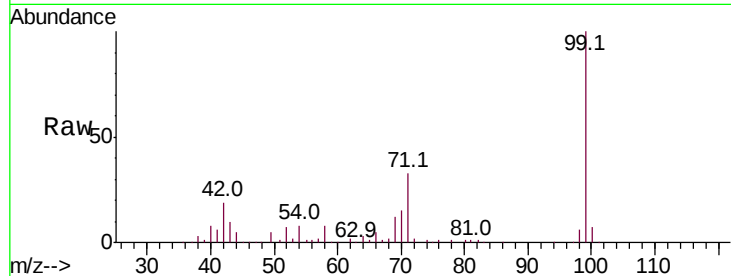
Tot Ion: 99 Resp: 438613

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

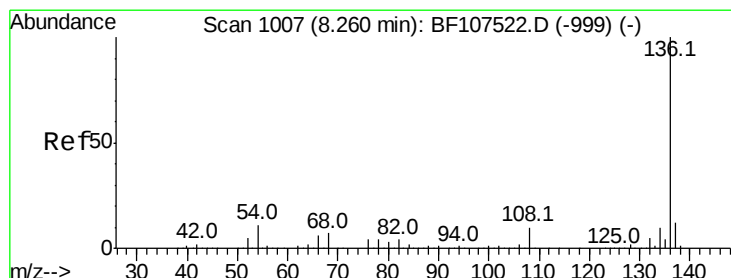
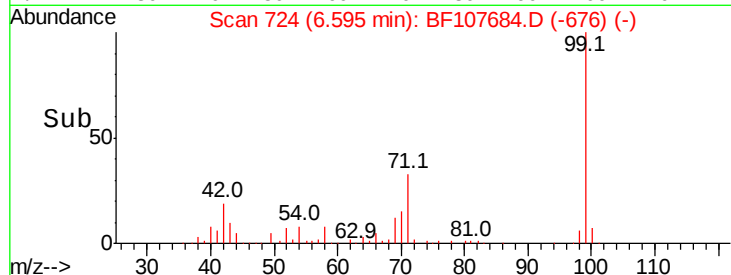
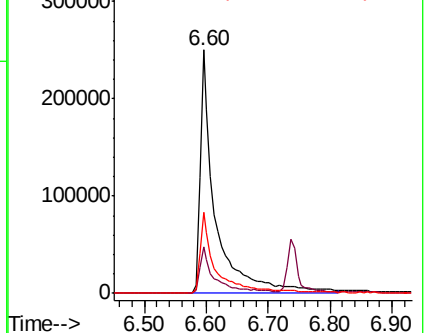
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Tgt Ion: 136 Resp: 685601

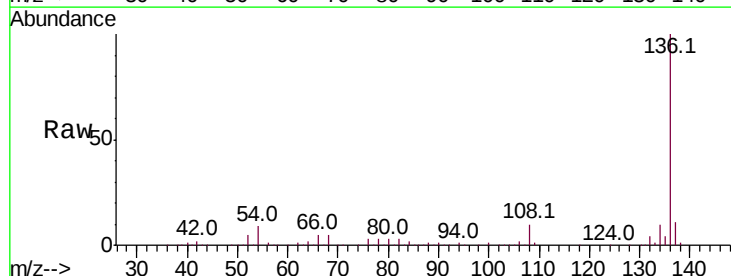
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 5.4 5.0 7.4

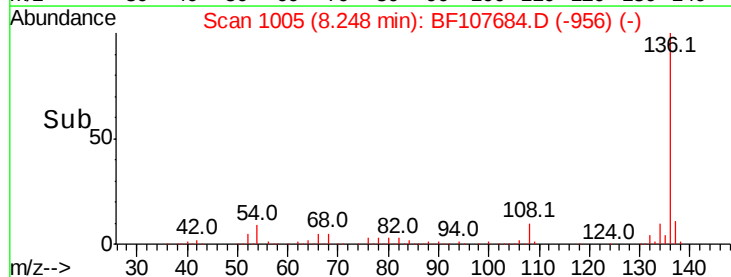
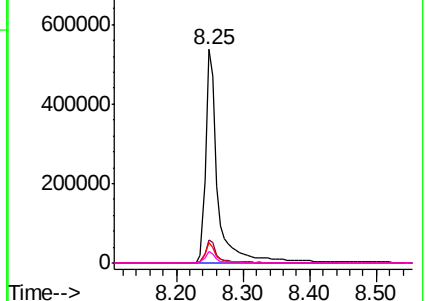


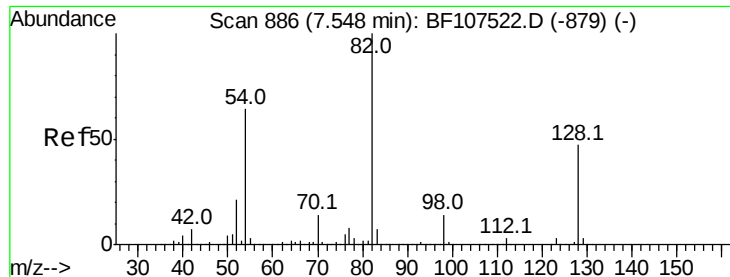
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

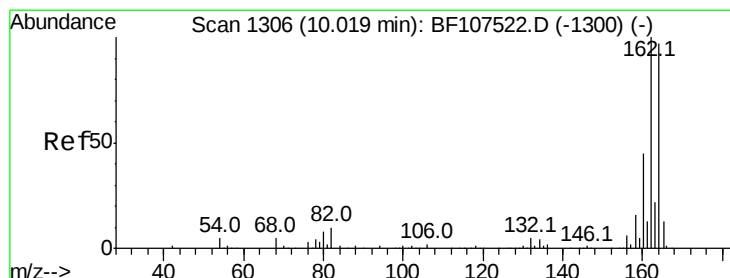
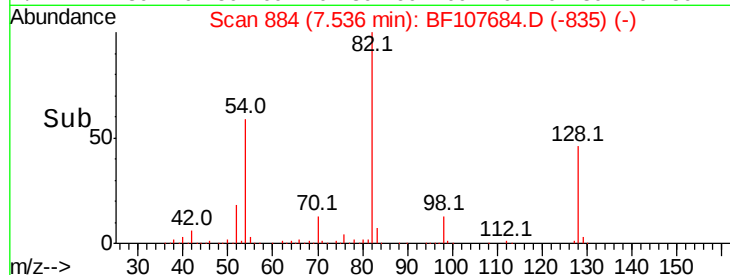
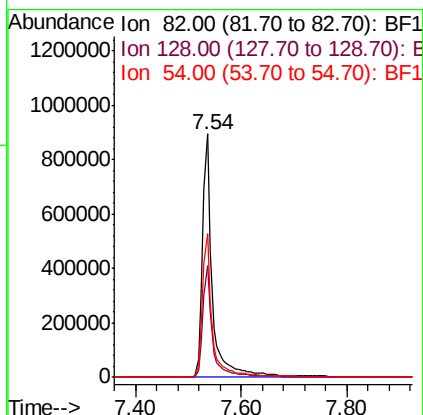
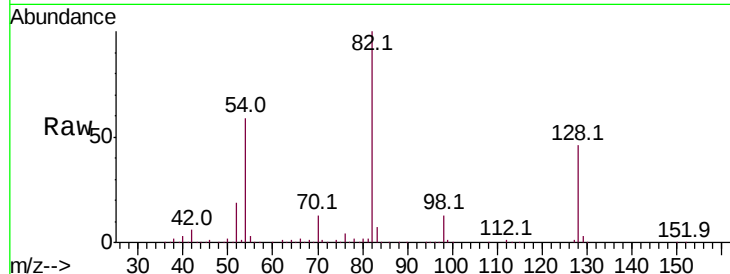




#23
Nitrobenzene-d5
Concen: 117.721 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

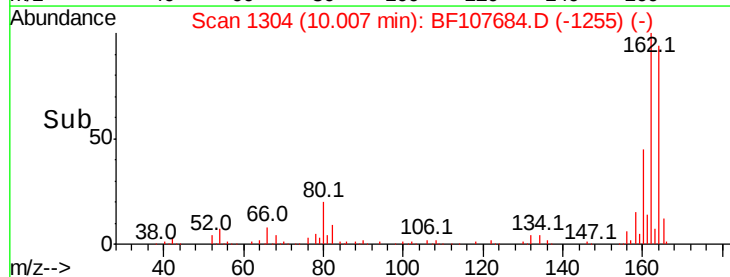
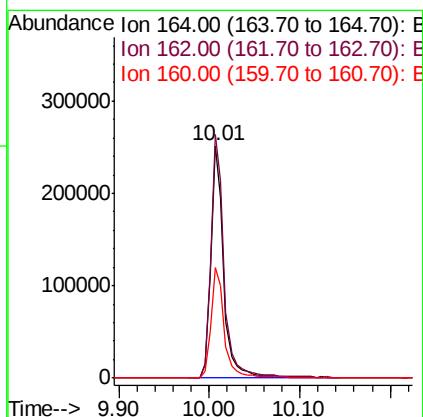
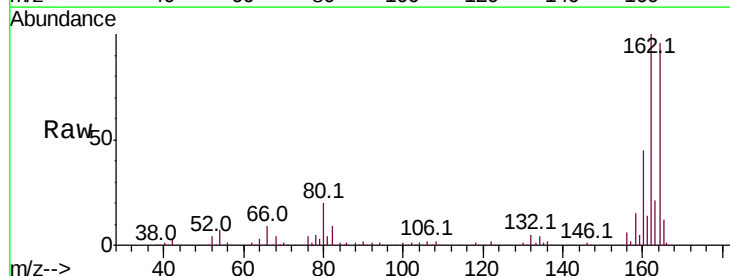
Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-D-B

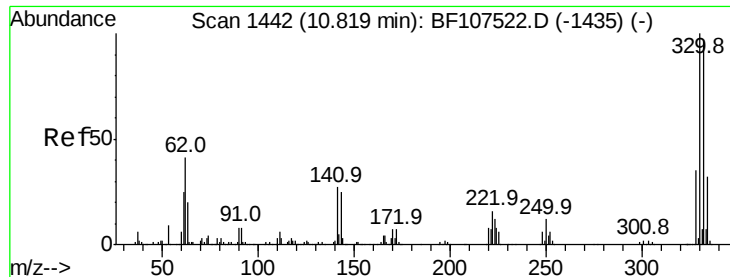
Tot Ion: 82 Resp: 1195918
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 59.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:164 Resp: 254533
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.5 38.3 57.5

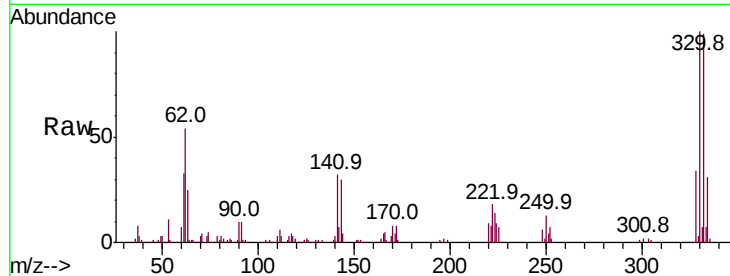




#41
 2,4,6-Tribromophenol
 Concen: 96.710 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107684.D
 Acq: 26 Jul 2018 4:35

Instrument :
 BNA_F
 ClientSampleId :
 072318-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.1	29.9	44.9#

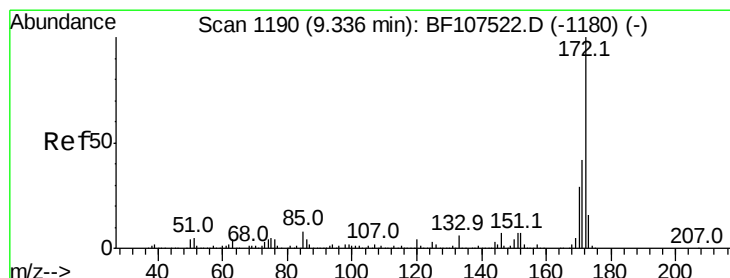
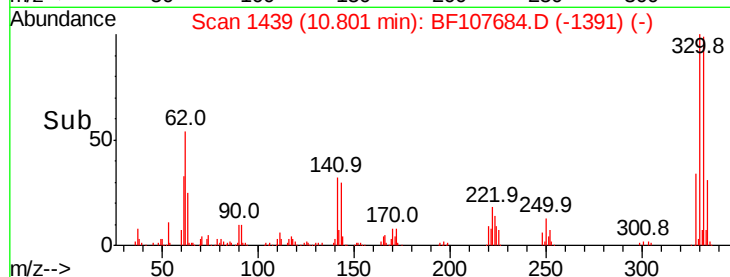
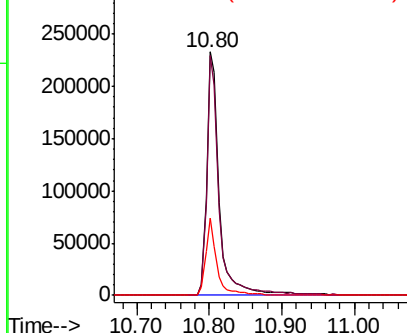


Abundance

Ion 329.80 (329.50 to 330.50): E

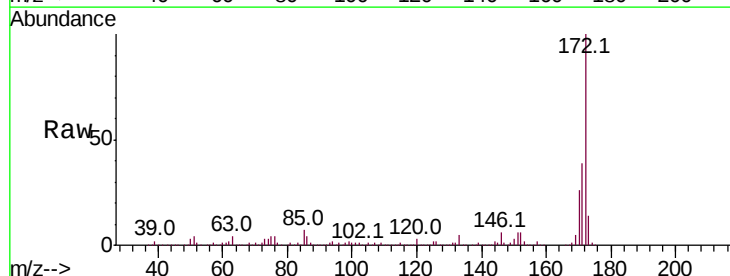
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 184.937 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107684.D
 Acq: 26 Jul 2018 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	25.9	19.6	29.4

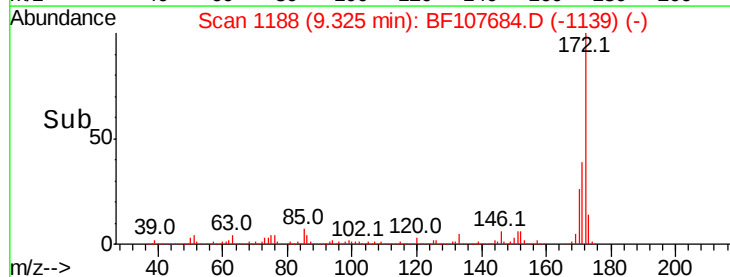
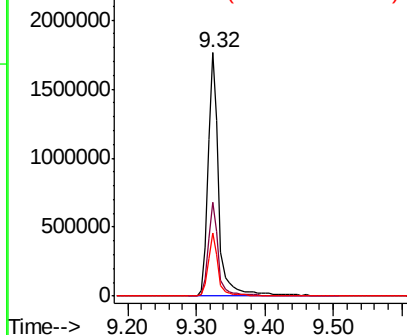


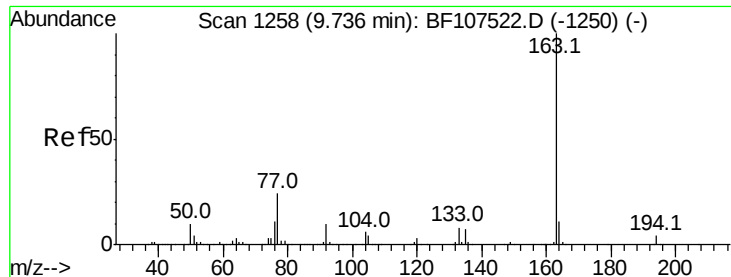
Abundance

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

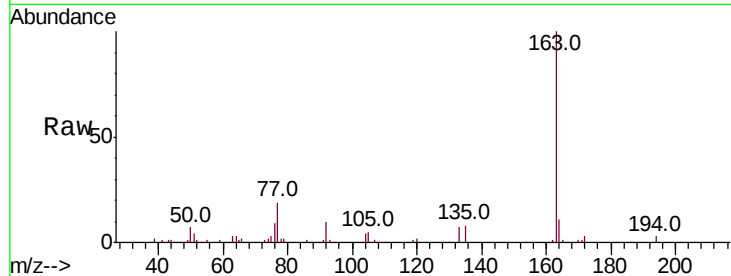




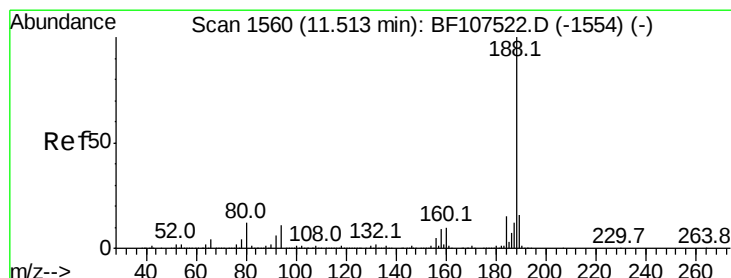
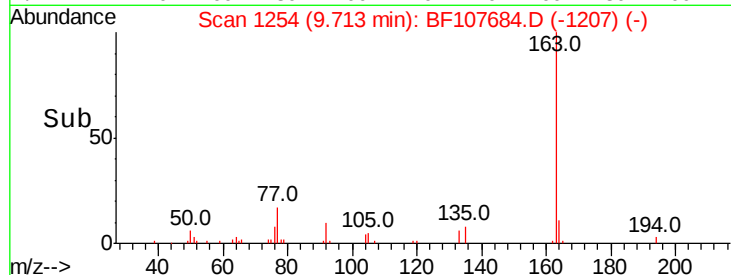
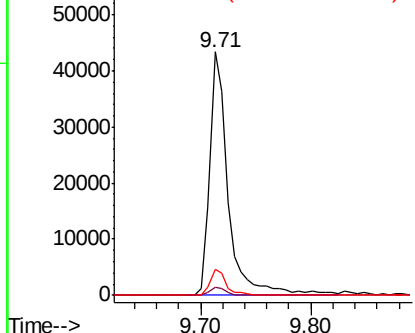
#49
Dimethylphthalate
Concen: 2.574 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-D-B

Tot Ion:163 Resp: 49370
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

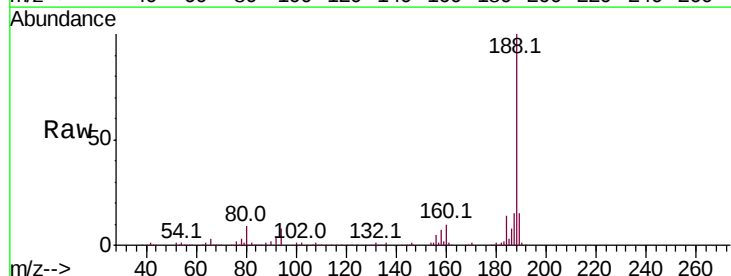


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

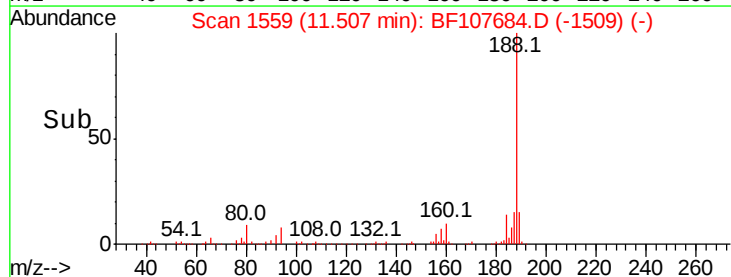
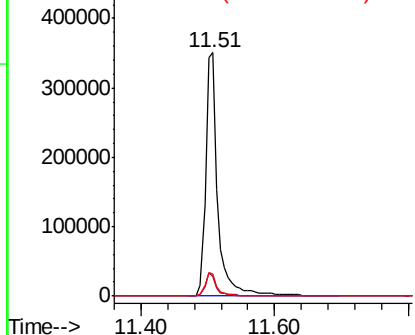


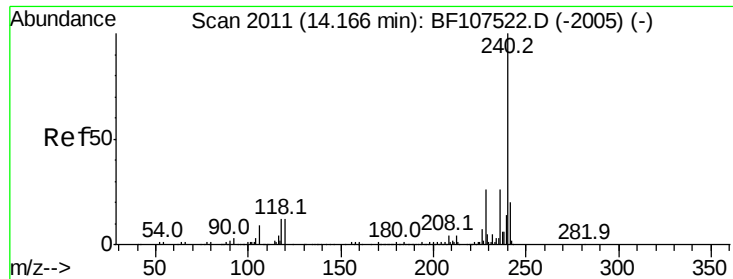
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:188 Resp: 440381
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.0 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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Instrument :

BNA_F

ClientSampleId :

072318-DBRI-F-D-B

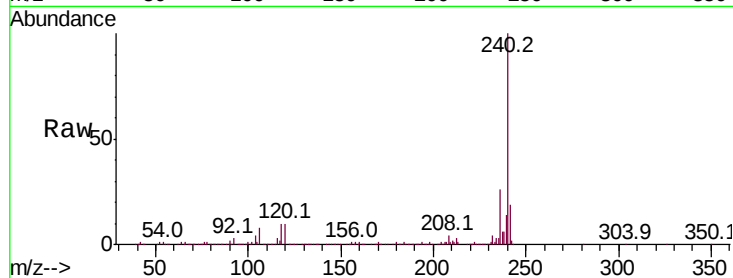
Tot Ion:240 Resp: 374823

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

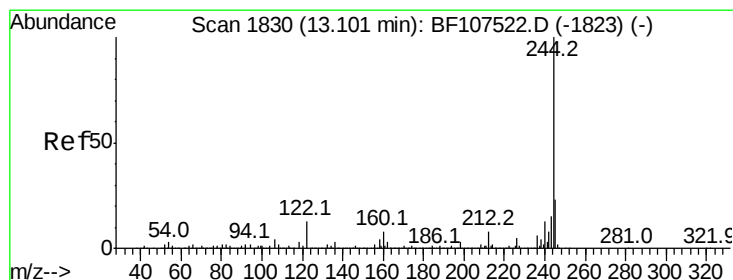
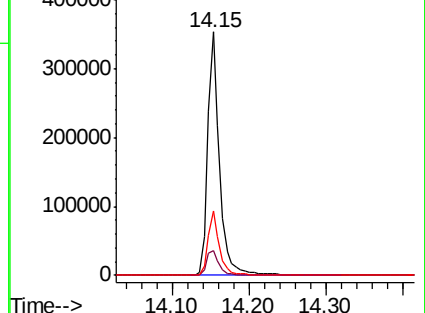
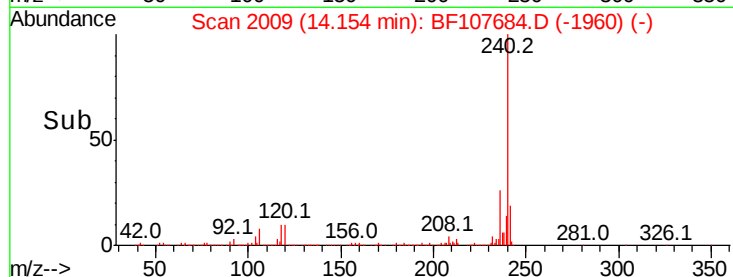
236 26.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 101.663 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

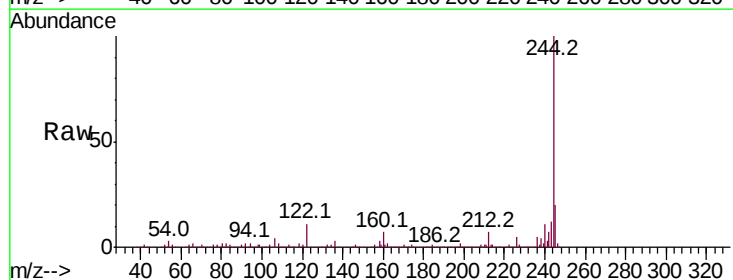
Tgt Ion:244 Resp: 1488442

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

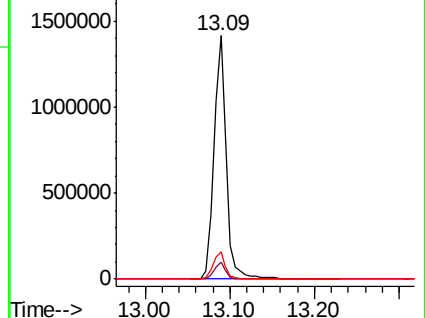
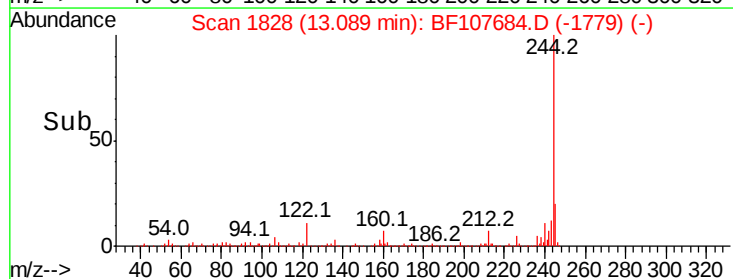
122 11.4 11.0 16.4

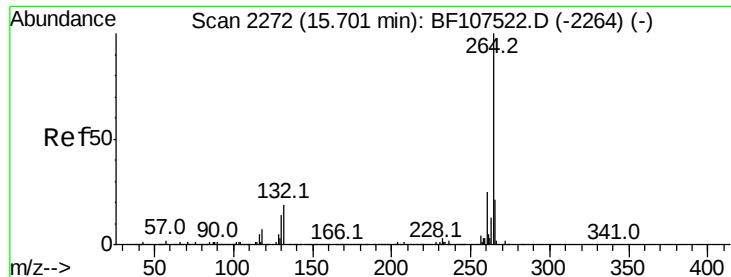


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Instrument :
BNA_F
ClientSampleId :
072318-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	21.8	17.5	26.3

