

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107155.D
 Acq On : 6 Jul 2018 6:25
 Operator : JU/SJ
 Sample : J3851-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070218-DBRI-F-D-S

Quant Time: Jul 06 08:27:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

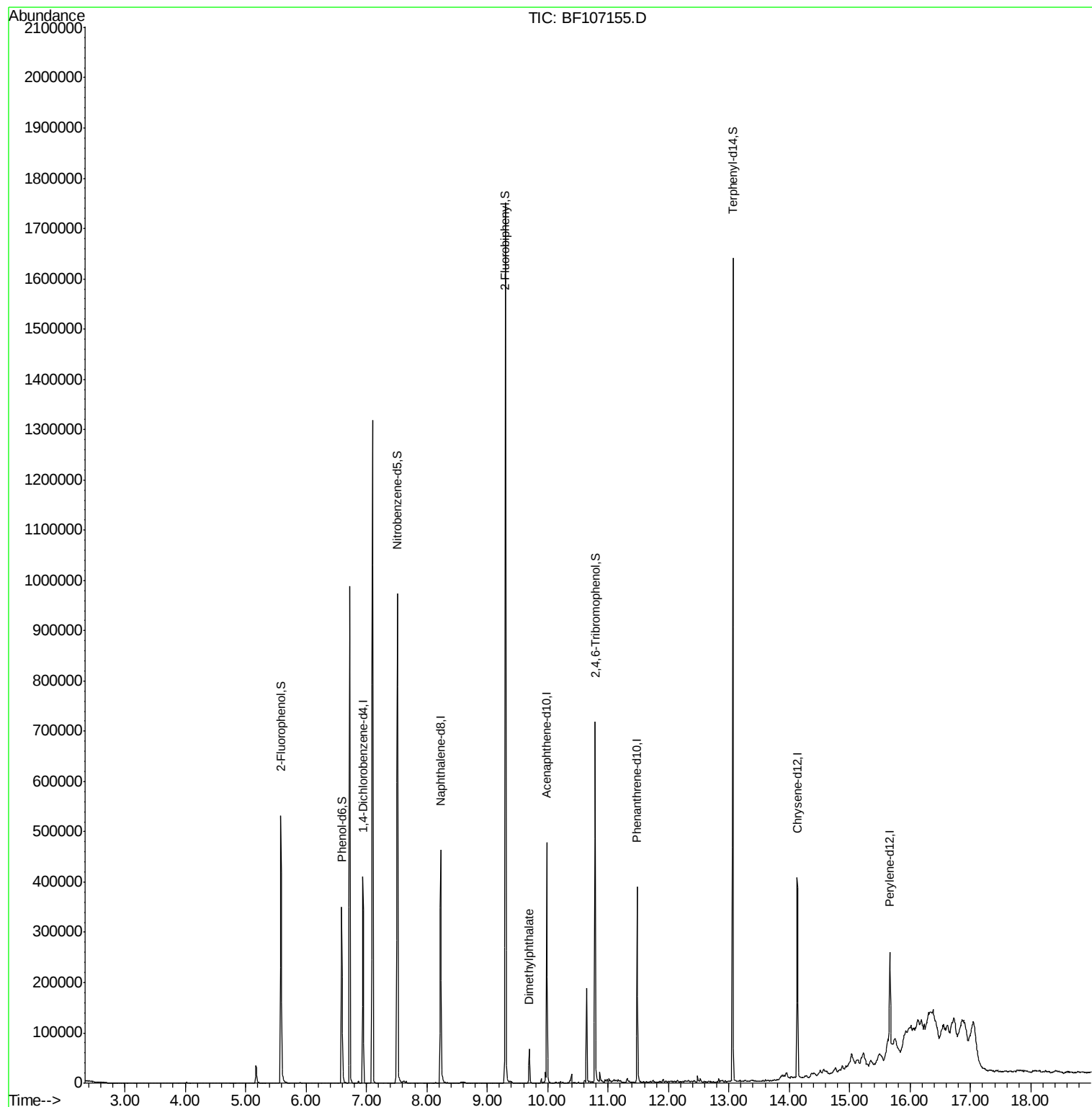
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62206	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	231630	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	102564	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	163163	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	159483	20.00	ng	-0.04
86) Perylene-d12	15.67	264	107563	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	162831	44.32	ng	-0.02
7) Phenol-d6	6.59	99	132981	28.99	ng	-0.02
23) Nitrobenzene-d5	7.51	82	369889	88.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	103837	87.35	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	646171	111.18	ng	-0.02
78) Terphenyl-d14	13.07	244	617929	93.85	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	32417	4.214	ng	Qvalue # 98

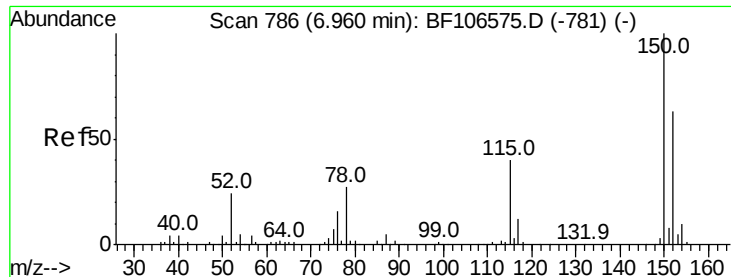
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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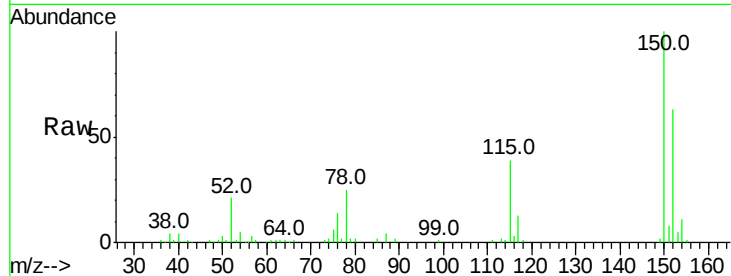


#1

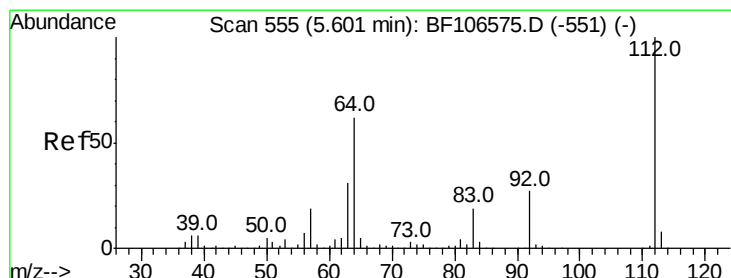
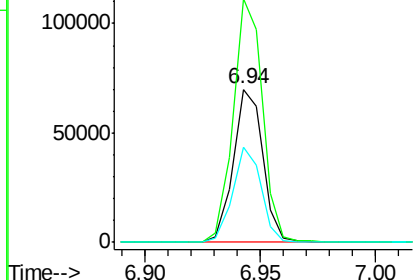
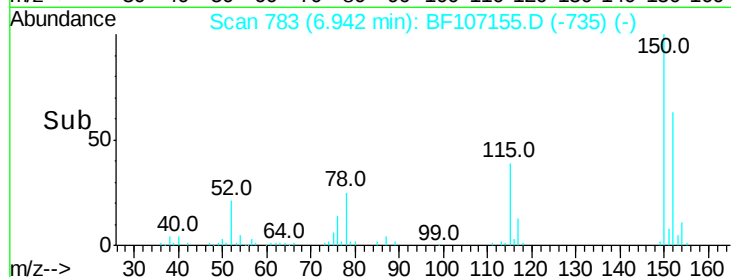
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107155.D
Acq: 6 Jul 2018 6:25

Instrument :
BNA_F
ClientSampleId :
070218-DBRI-F-D-S

Tot Ion:152 Resp: 62206
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 62.3 50.1 75.1



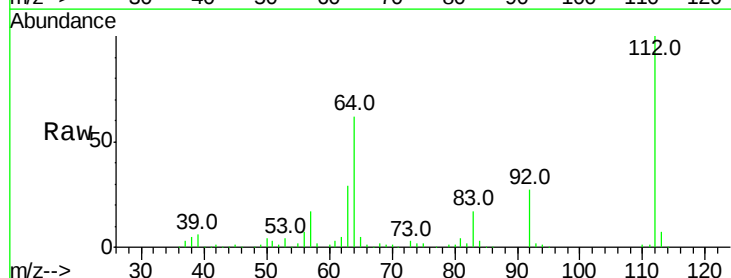
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



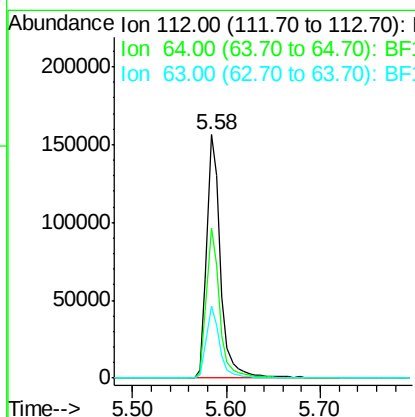
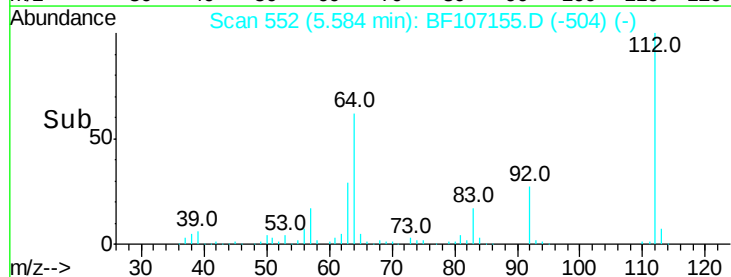
#5

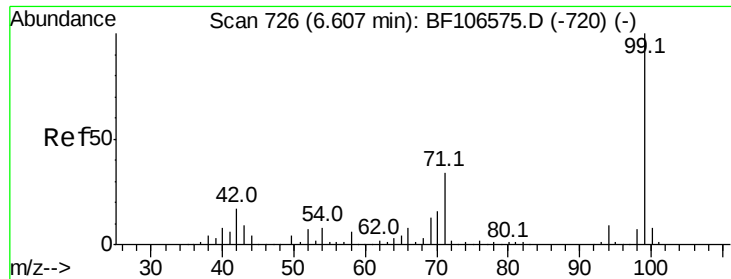
2-Fluorophenol
Concen: 44.324 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107155.D
Acq: 6 Jul 2018 6:25

Tgt Ion:112 Resp: 162831
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 29.4 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: 28.987 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107155.D

Acq: 6 Jul 2018 6:25

Instrument :

BNA_F

ClientSampleId :

070218-DBRI-F-D-S

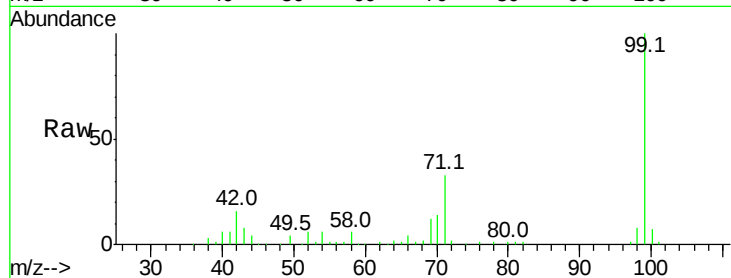
Tot Ion: 99 Resp: 132981

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

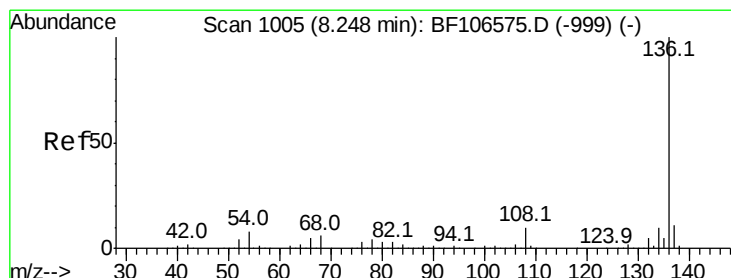
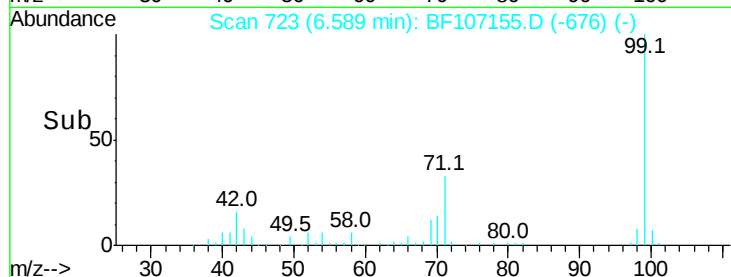
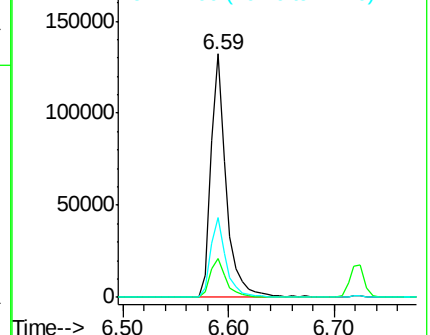
71 32.7 25.4 38.0



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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107155.D

Acq: 6 Jul 2018 6:25

Tgt Ion: 136 Resp: 231630

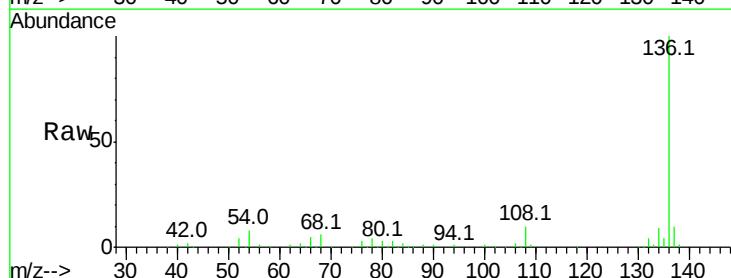
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

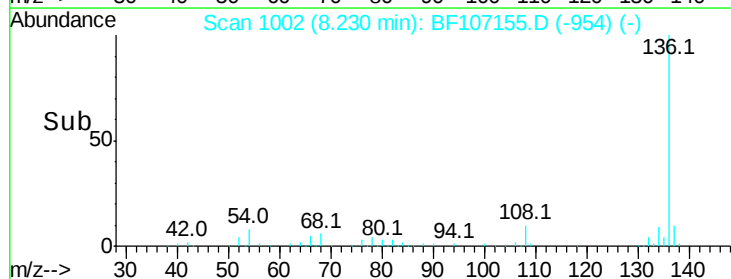
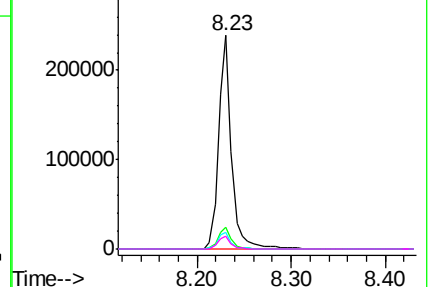


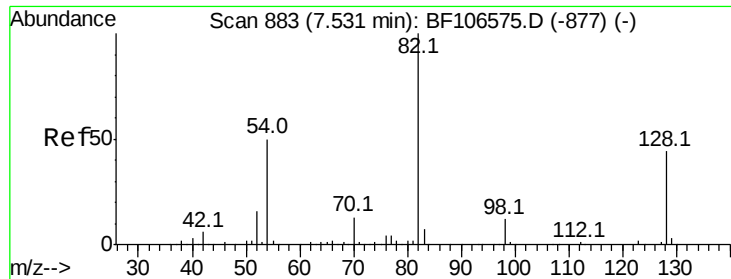
Abundance Ion 136.00 (135.70 to 136.70): E

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

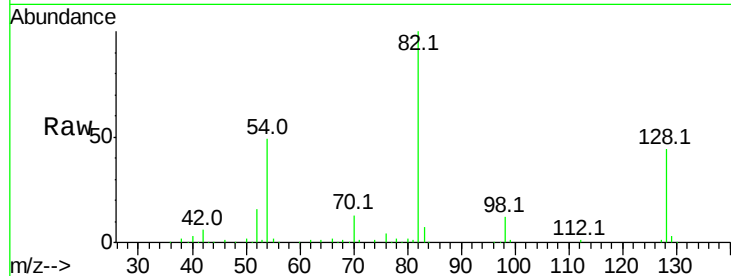




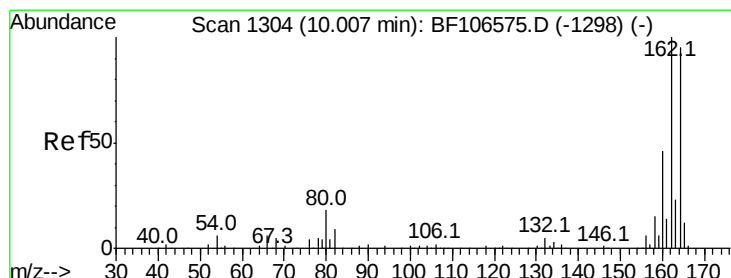
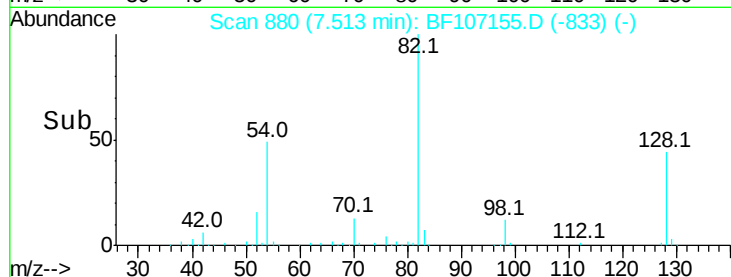
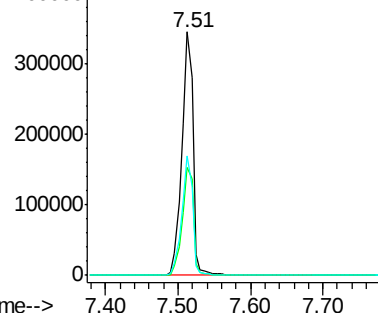
#23
Nitrobenzene-d5
Concen: 88.745 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107155.D
Acq: 6 Jul 2018 6:25

Instrument :
BNA_F
ClientSampleId :
070218-DBRI-F-D-S

Tot Ion: 82 Resp: 369889
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 48.9 41.4 62.2

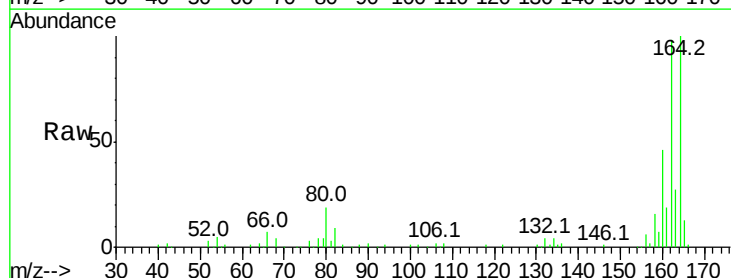


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

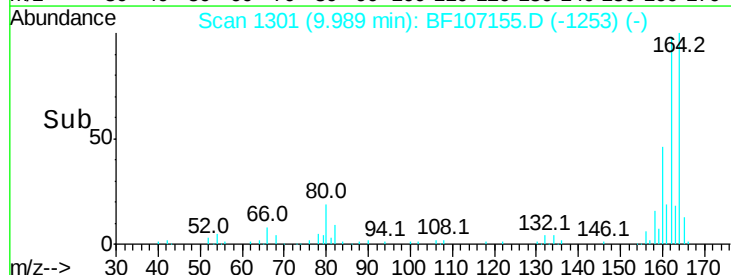
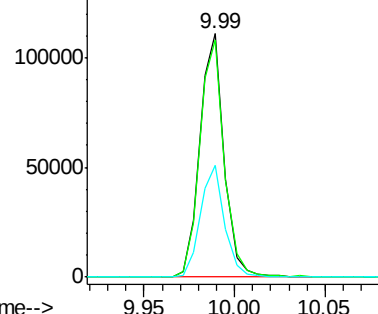


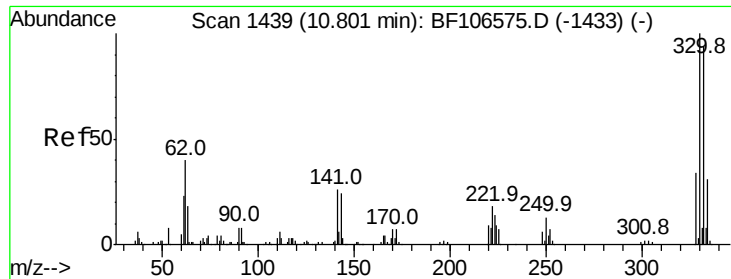
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107155.D
Acq: 6 Jul 2018 6:25

Tgt Ion: 164 Resp: 102564
Ion Ratio Lower Upper
164 100
162 97.5 86.1 129.1
160 46.0 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

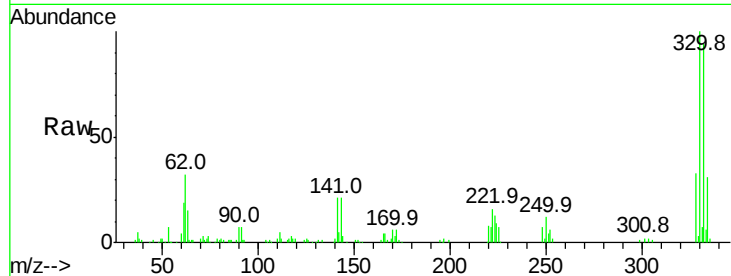




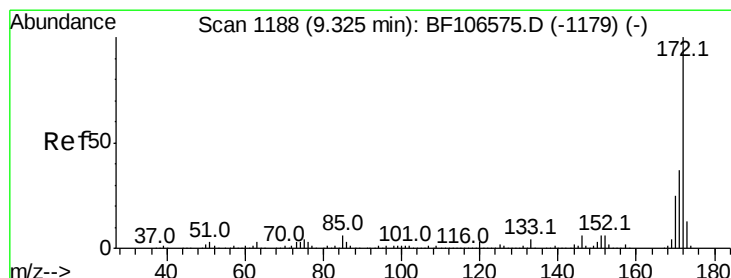
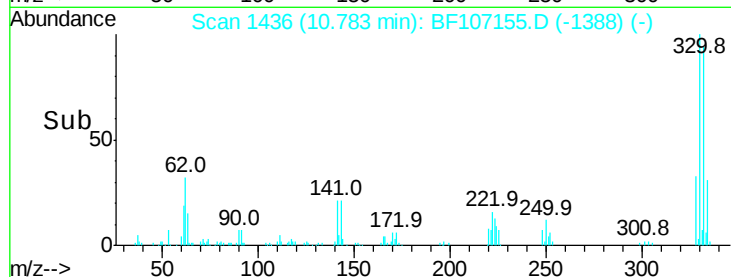
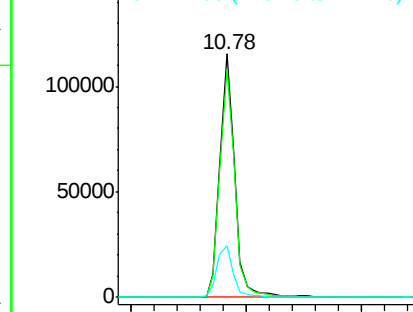
#41
 2,4,6-Tribromophenol
 Concen: 87.350 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107155.D
 Acq: 6 Jul 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 070218-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	23.1	29.9	44.9#

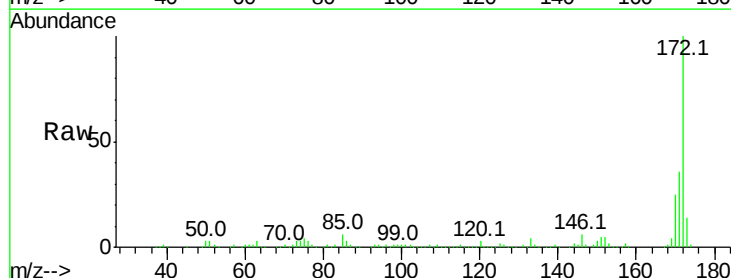


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

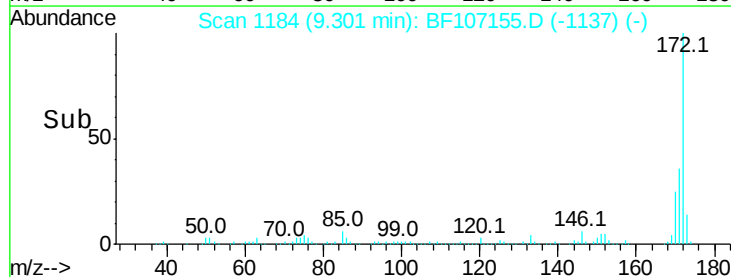
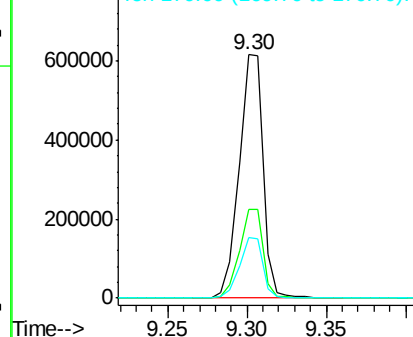


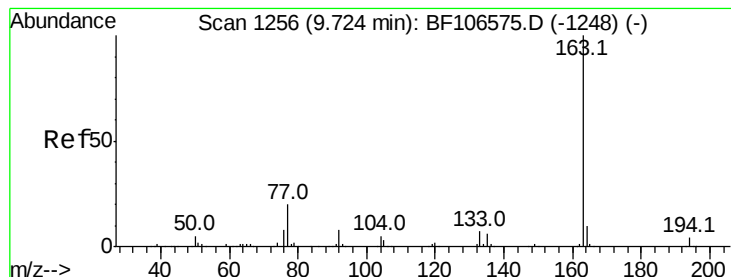
#44
 2-Fluorobiphenyl
 Concen: 111.182 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107155.D
 Acq: 6 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	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: 4.214 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107155.D

Acq: 6 Jul 2018 6:25

Instrument :

BNA_F

ClientSampleId :

070218-DBRI-F-D-S

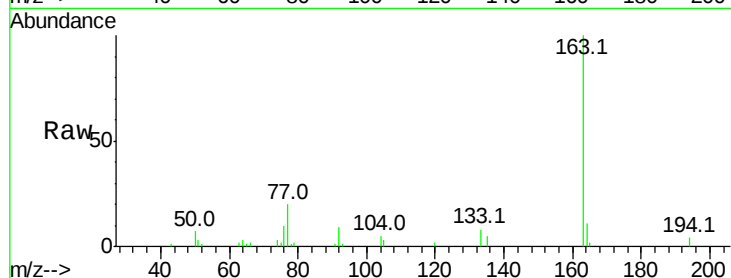
Tot Ion:163 Resp: 32417

Ion Ratio Lower Upper

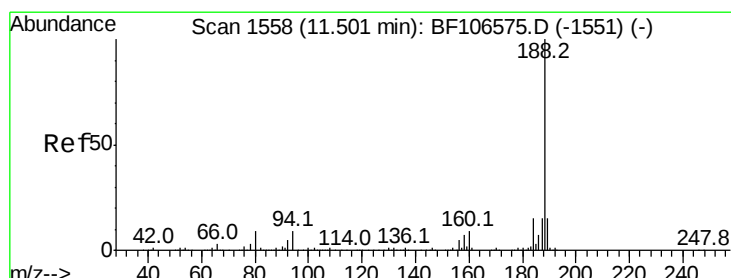
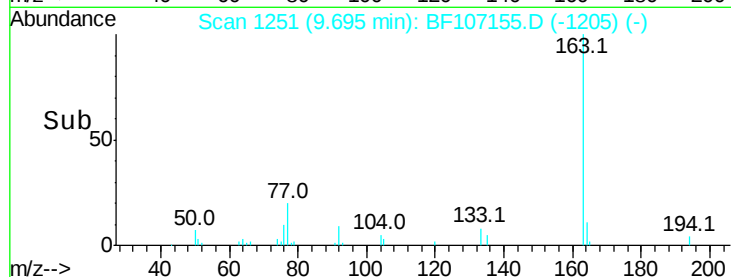
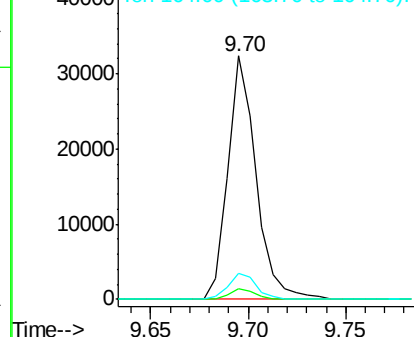
163 100

194 4.4 2.7 4.1#

164 10.8 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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107155.D

Acq: 6 Jul 2018 6:25

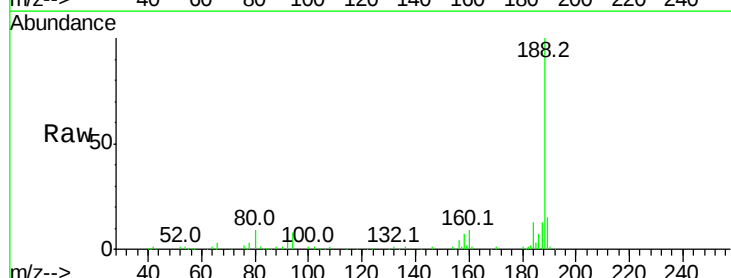
Tgt Ion:188 Resp: 163163

Ion Ratio Lower Upper

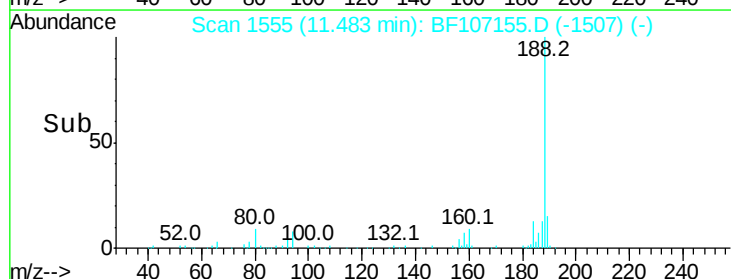
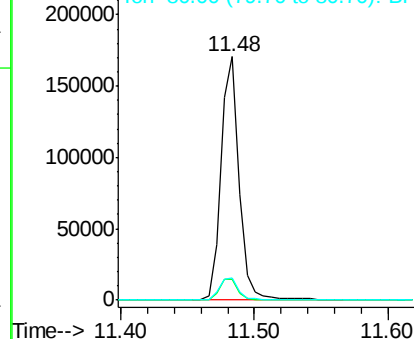
188 100

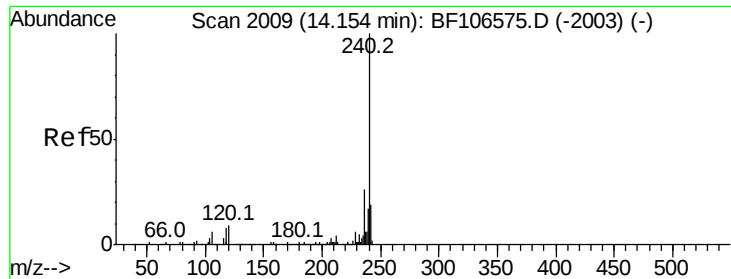
94 8.4 8.5 12.7#

80 9.1 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: 14.13 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF107155.D

Acq: 6 Jul 2018 6:25

Instrument :

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ClientSampleId :

070218-DBRI-F-D-S

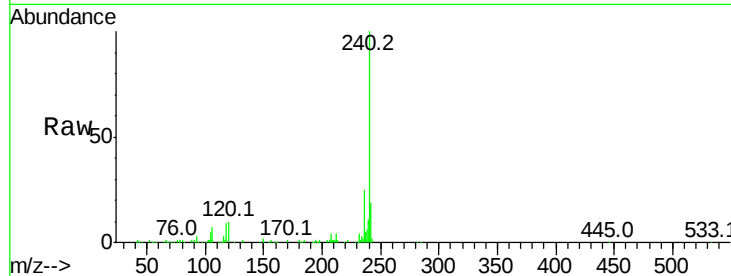
Tot Ion:240 Resp: 159483

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

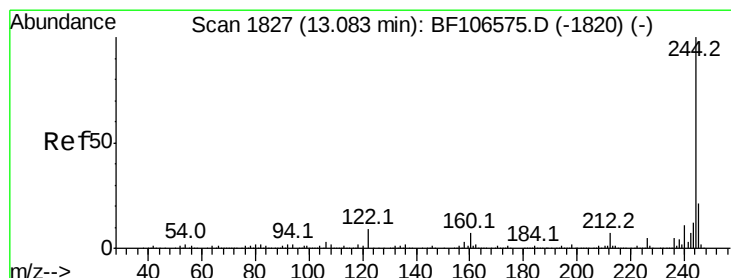
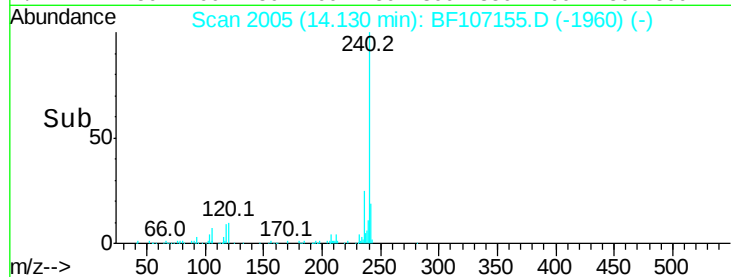
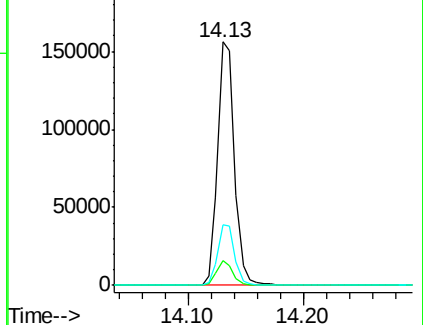
236 24.9 20.7 31.1



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: 93.854 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107155.D

Acq: 6 Jul 2018 6:25

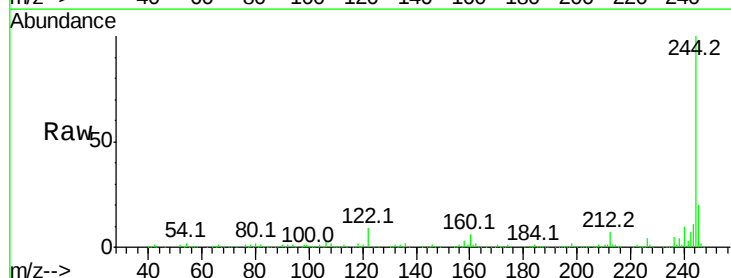
Tgt Ion:244 Resp: 617929

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

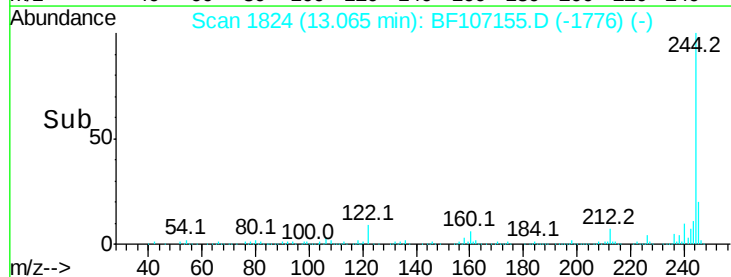
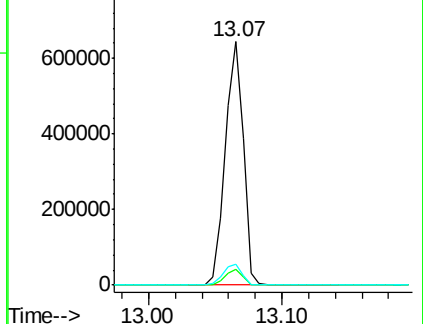
122 8.7 11.0 16.4#

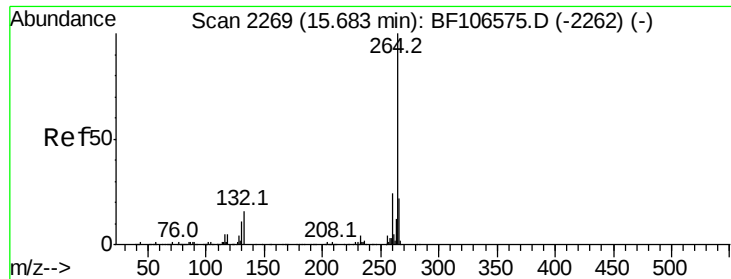


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

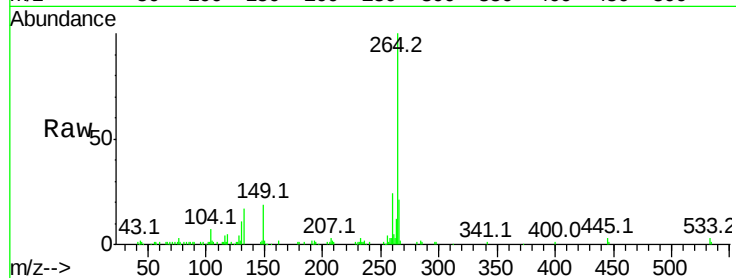




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107155.D
 Acq: 6 Jul 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 070218-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	17.5	26.3



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

