

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107150.D
 Acq On : 6 Jul 2018 4:10
 Operator : JU/SJ
 Sample : J3805-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062818-TIPC-F-U-B

Quant Time: Jul 06 05:36:58 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

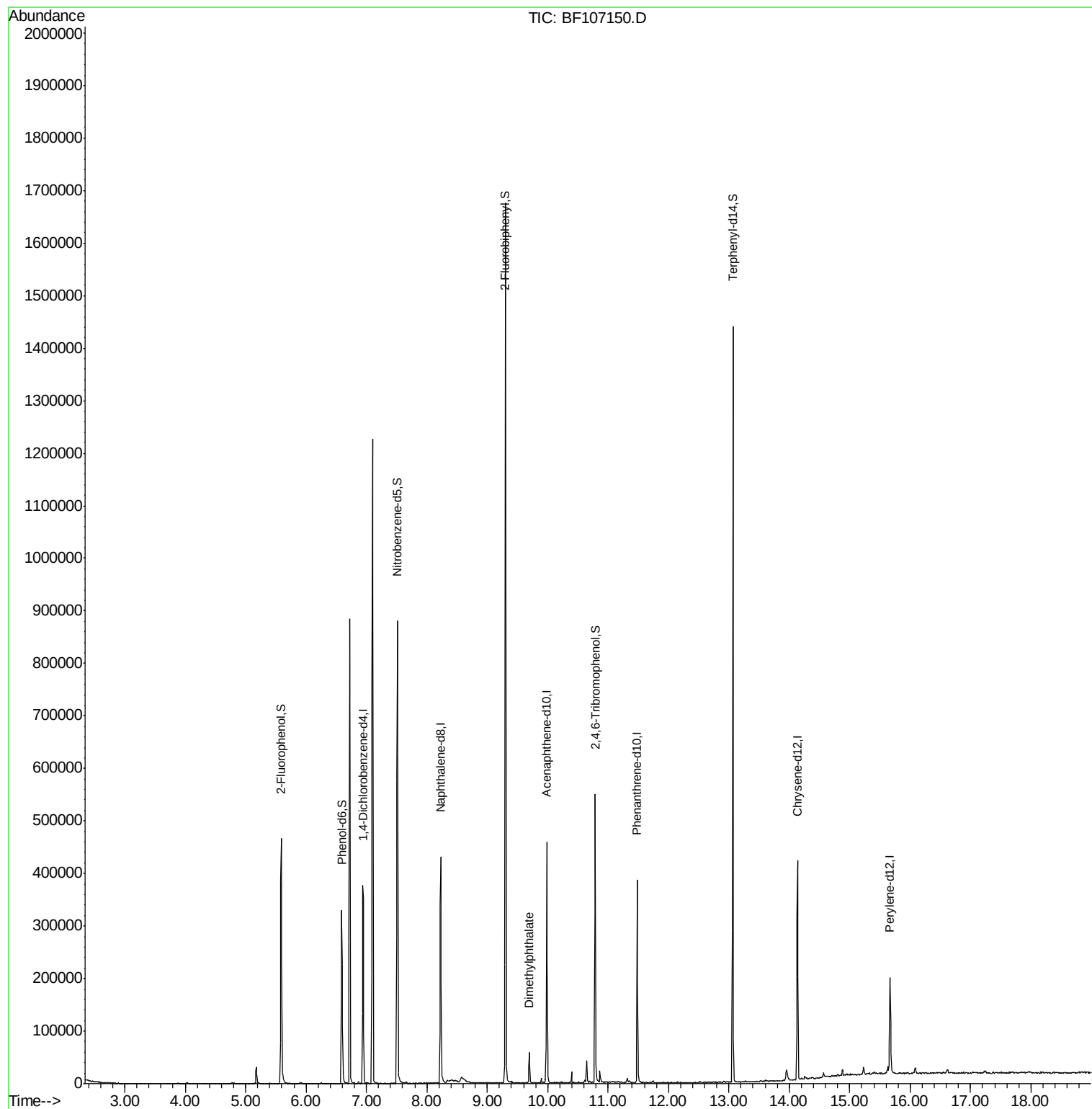
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60553	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	217001	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	93894	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	149835	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	152117	20.00	ng	-0.03
86) Perylene-d12	15.67	264	102576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	147653	41.29	ng	-0.01
7) Phenol-d6	6.59	99	123026	27.55	ng	-0.02
23) Nitrobenzene-d5	7.51	82	327750	83.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	80277	73.77	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	578600	108.36	ng	-0.02
78) Terphenyl-d14	13.07	244	530696	84.51	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	29048	4.125	ng	99

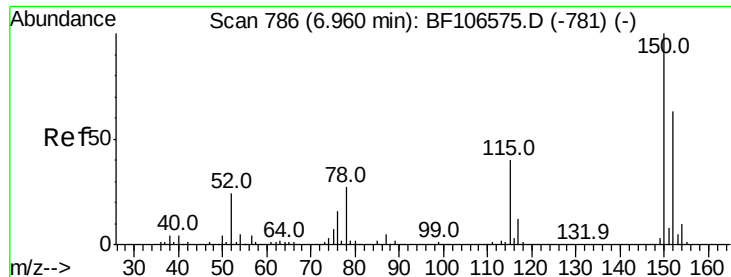
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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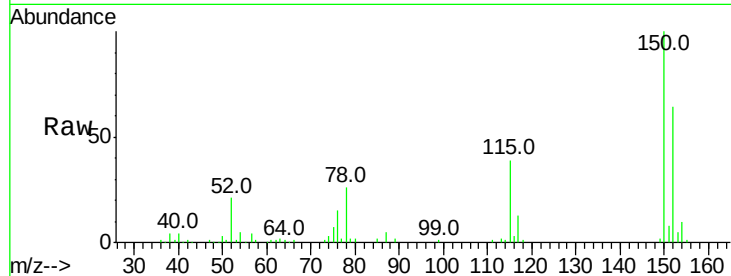


#1

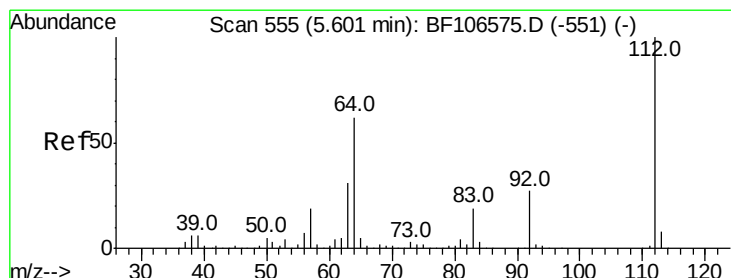
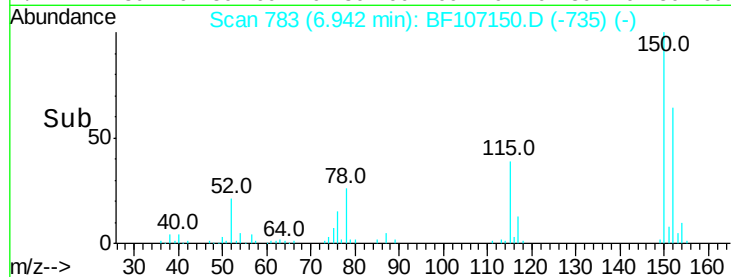
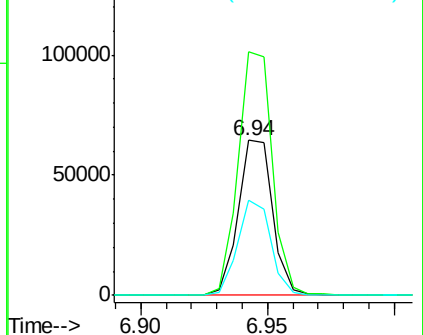
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107150.D
Acq: 6 Jul 2018 4:10

Instrument :
BNA_F
ClientSampleId :
062818-TIPC-F-U-B

Tot Ion:152 Resp: 60553
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.9 50.1 75.1



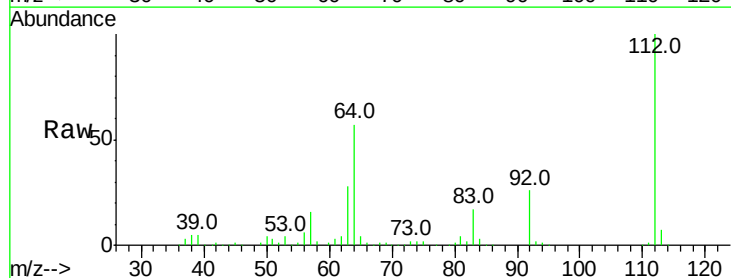
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



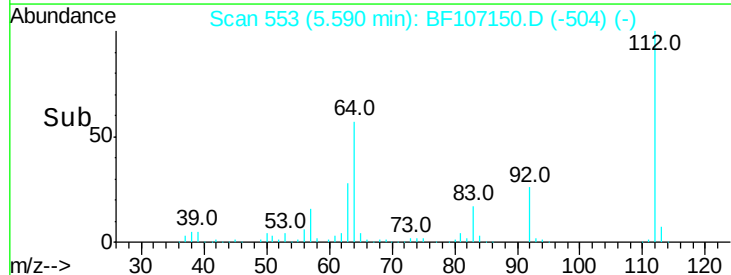
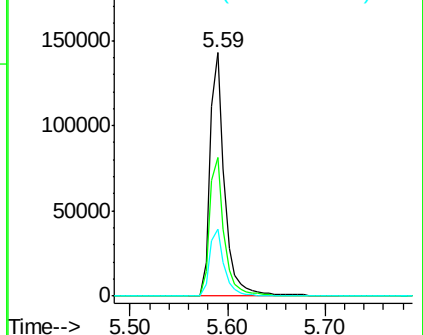
#5

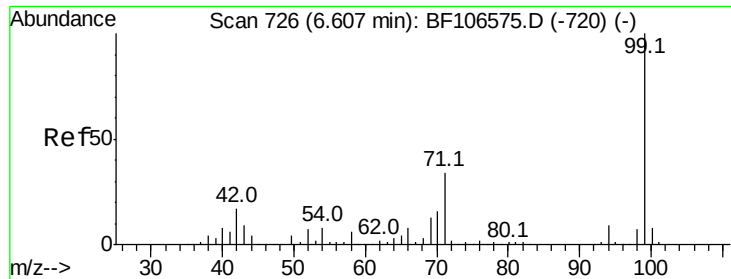
2-Fluorophenol
Concen: 41.290 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107150.D
Acq: 6 Jul 2018 4:10

Tgt Ion:112 Resp: 147653
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 27.7 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: 27.549 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107150.D

Acq: 6 Jul 2018 4:10

Instrument :

BNA_F

ClientSampleId :

062818-TIPC-F-U-B

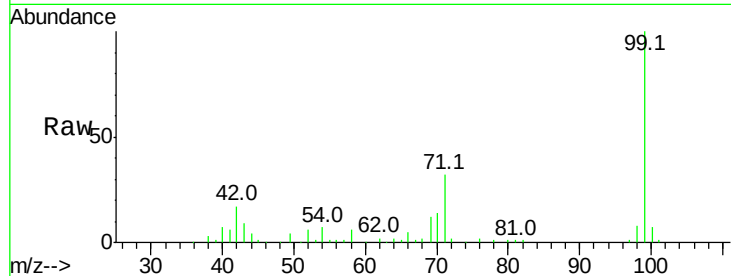
Tot Ion: 99 Resp: 123026

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

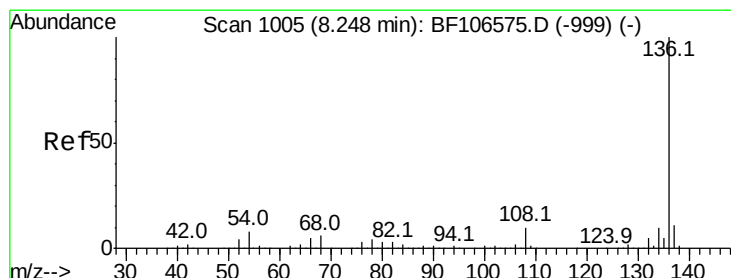
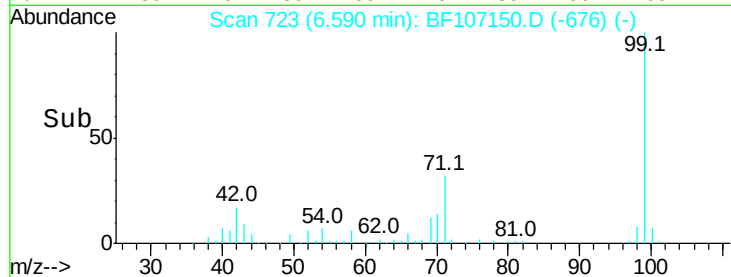
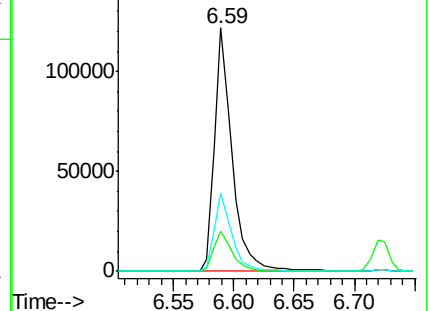
71 32.5 25.4 38.0



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: BF107150.D

Acq: 6 Jul 2018 4:10

Tgt Ion: 136 Resp: 217001

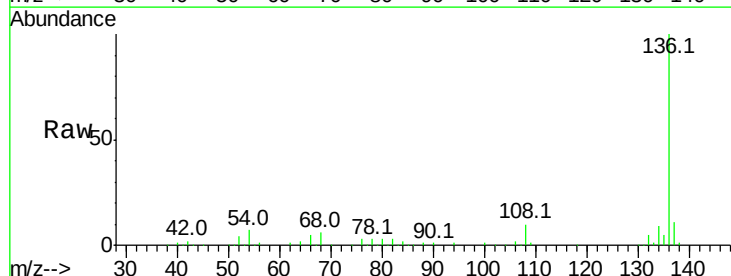
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

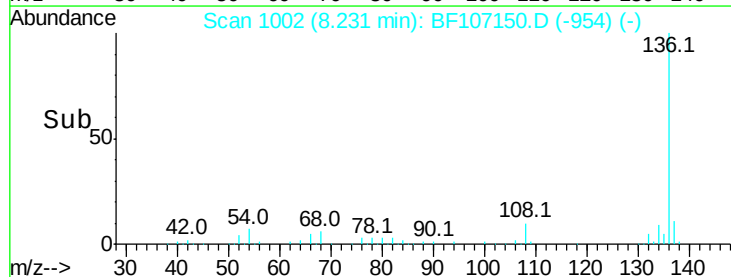
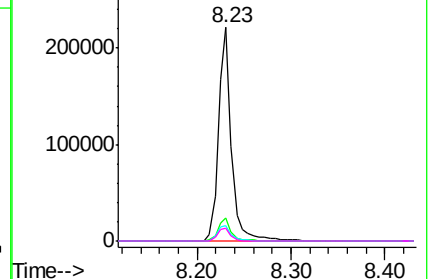


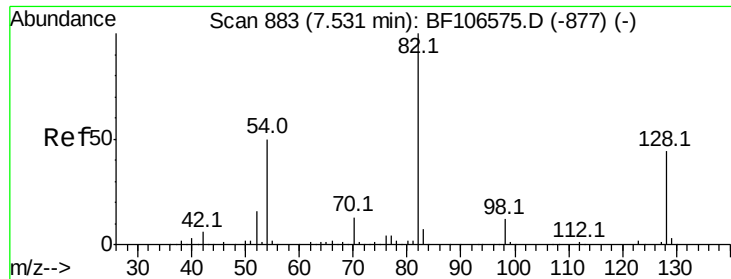
Abundance Ion 136.00 (135.70 to 136.70): E

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

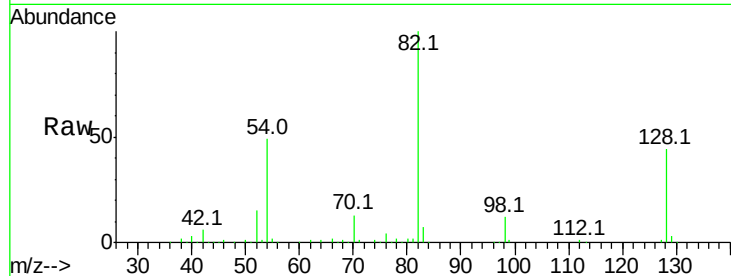




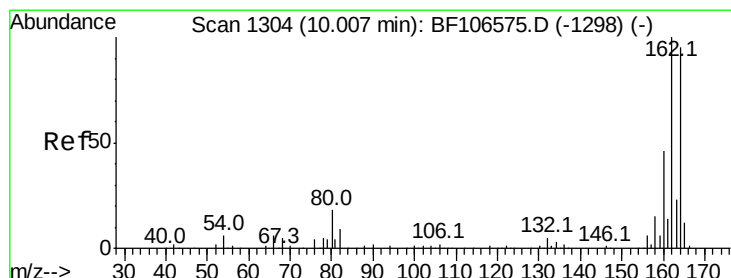
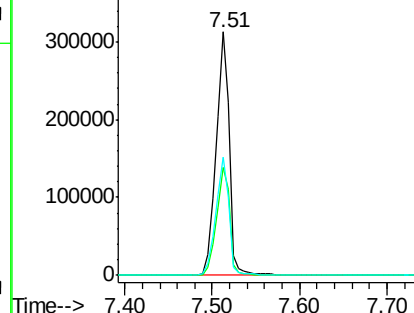
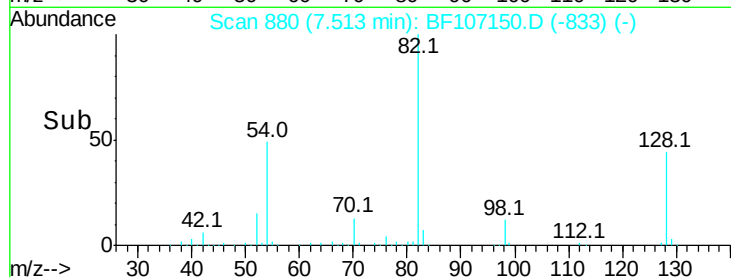
#23
 Nitrobenzene-d5
 Concen: 83.936 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107150.D
 Acq: 6 Jul 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 062818-TIPC-F-U-B

Tot Ion	82	Resp	327750
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	48.7	41.4	62.2

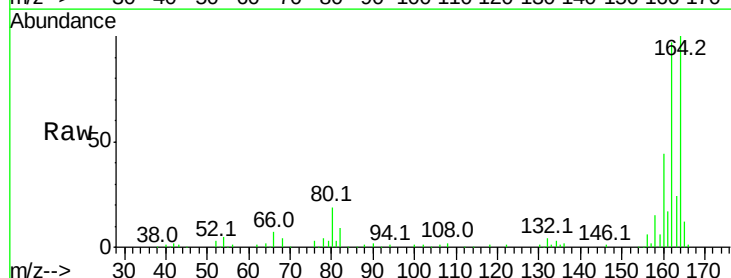


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

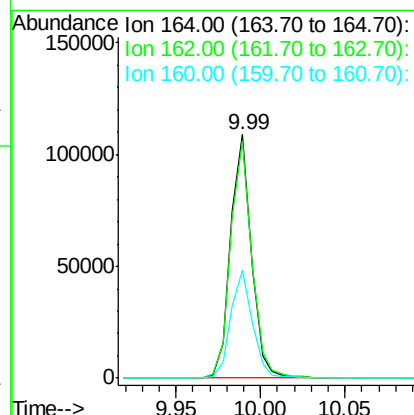
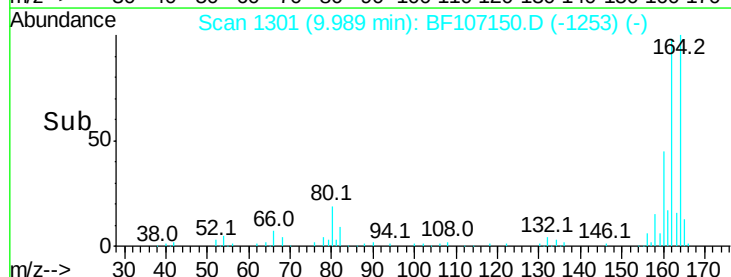


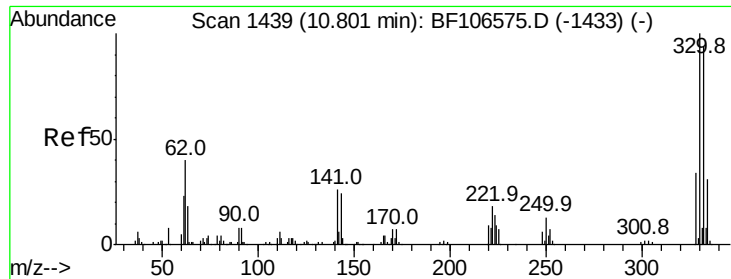
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107150.D
 Acq: 6 Jul 2018 4:10

Tgt Ion	164	Resp	93894
Ion Ratio	Lower	Upper	
164	100		
162	97.3	86.1	129.1
160	44.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

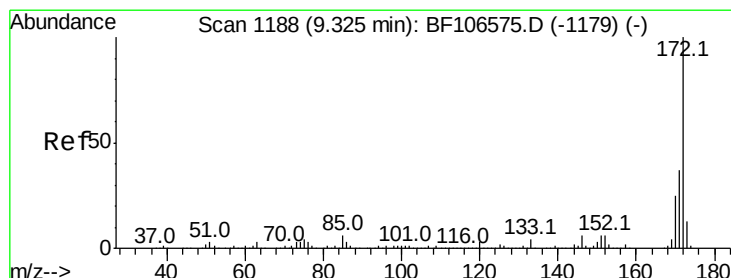
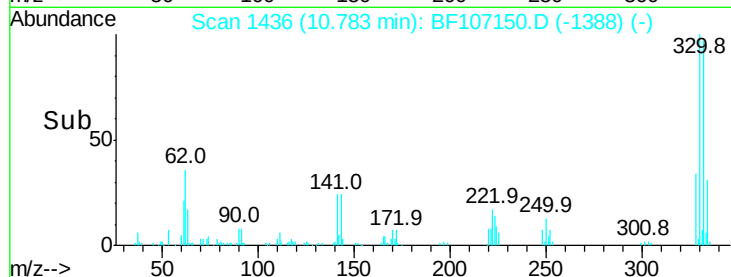
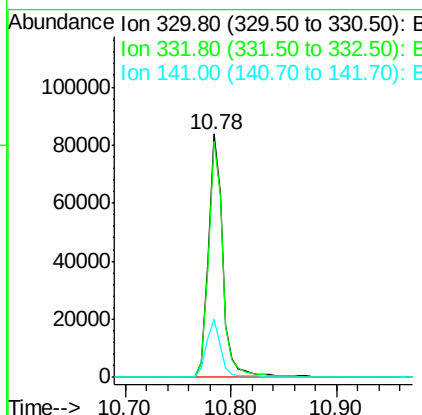
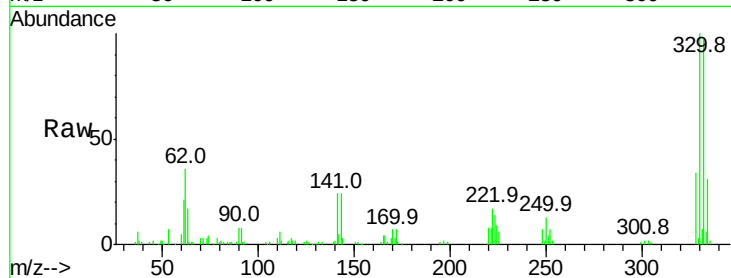




#41
 2,4,6-Tribromophenol
 Concen: 73.767 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107150.D
 Acq: 6 Jul 2018 4:10

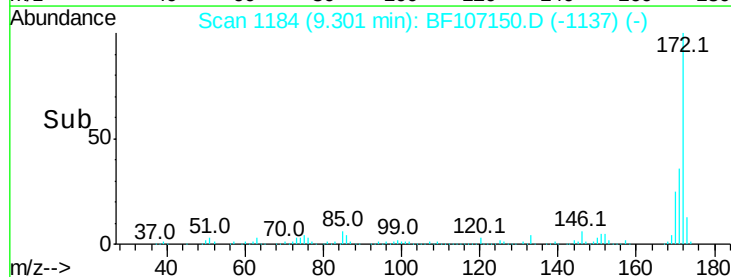
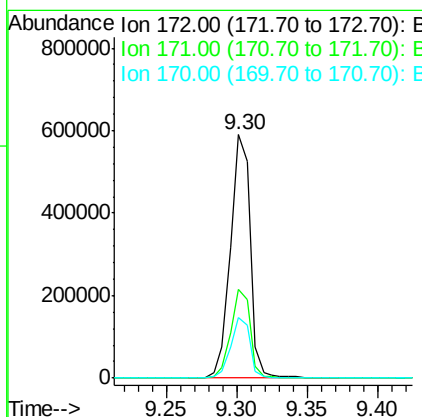
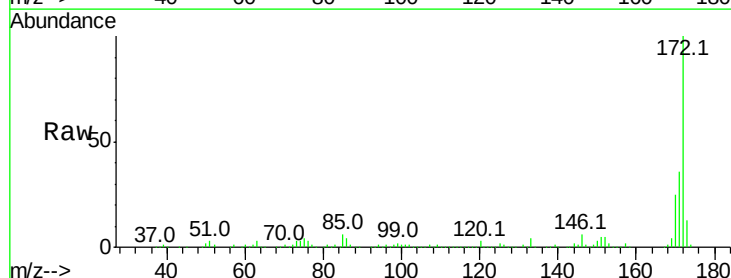
Instrument :
 BNA_F
 ClientSampleId :
 062818-TIPC-F-U-B

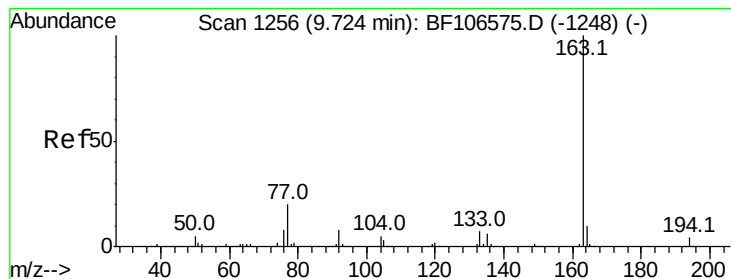
Tot Ion:330 Resp: 80277
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 23.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 108.358 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107150.D
 Acq: 6 Jul 2018 4:10

Tgt Ion:172 Resp: 578600
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.7 19.6 29.4





#49

Dimethylphthalate

Concen: 4.125 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107150.D

Acq: 6 Jul 2018 4:10

Instrument :

BNA_F

ClientSampleId :

062818-TIPC-F-U-B

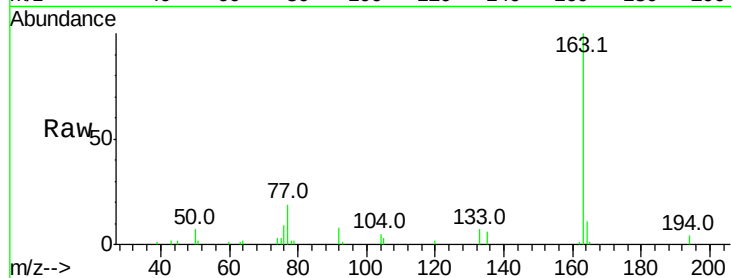
Tot Ion:163 Resp: 29048

Ion Ratio Lower Upper

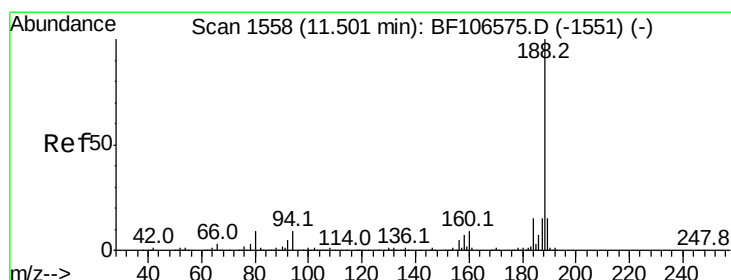
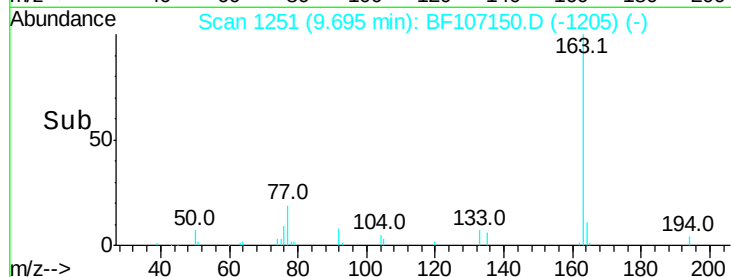
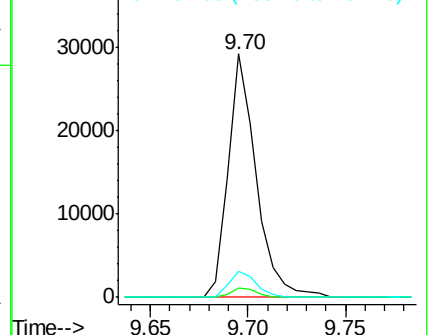
163 100

194 3.6 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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107150.D

Acq: 6 Jul 2018 4:10

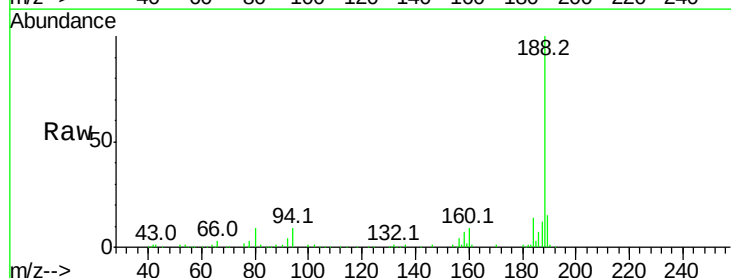
Tgt Ion:188 Resp: 149835

Ion Ratio Lower Upper

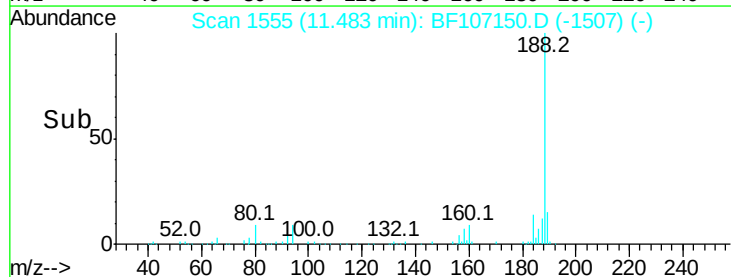
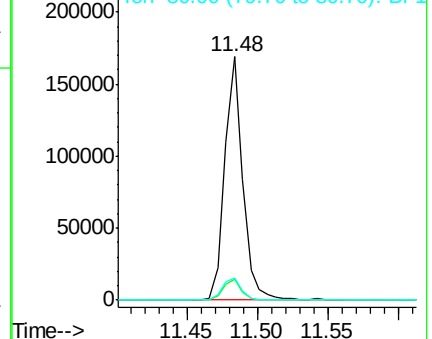
188 100

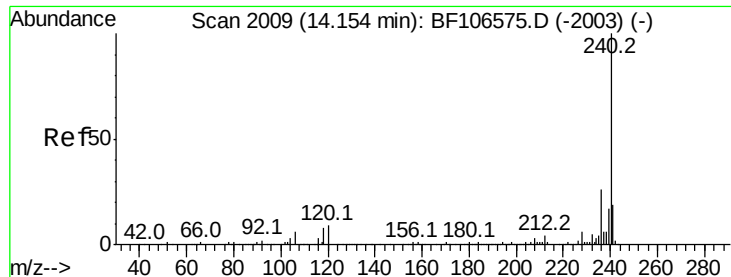
94 8.6 8.5 12.7

80 9.2 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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107150.D

Acq: 6 Jul 2018 4:10

Instrument :

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ClientSampleId :

062818-TIPC-F-U-B

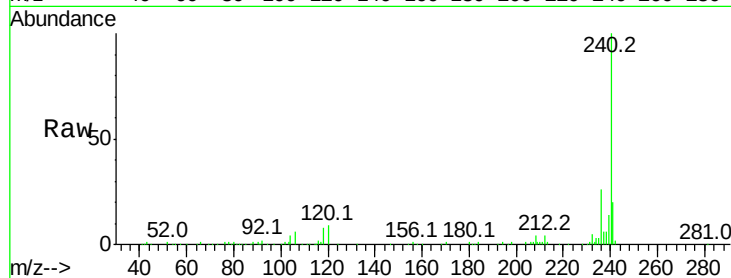
Tot Ion:240 Resp: 152117

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

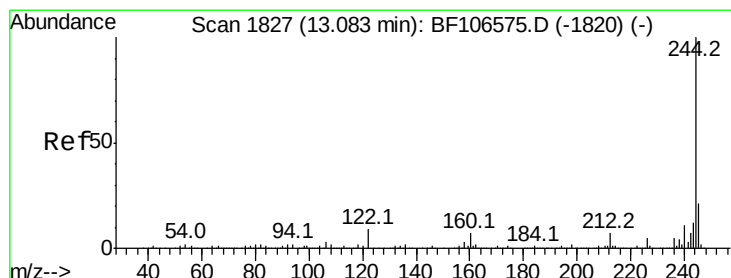
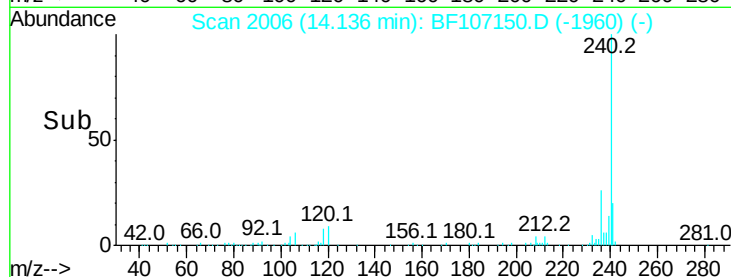
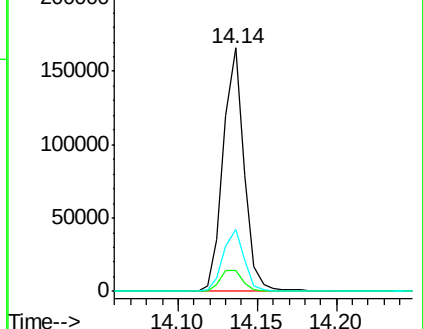
236 25.5 20.7 31.1



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: 84.508 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107150.D

Acq: 6 Jul 2018 4:10

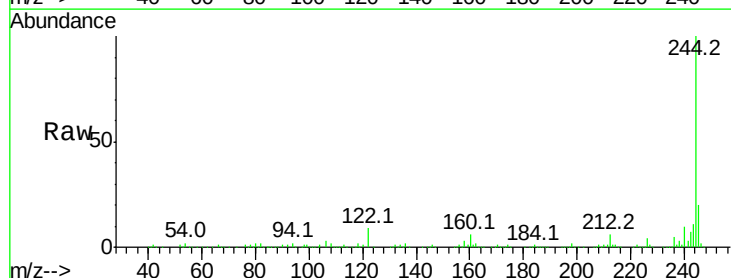
Tgt Ion:244 Resp: 530696

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

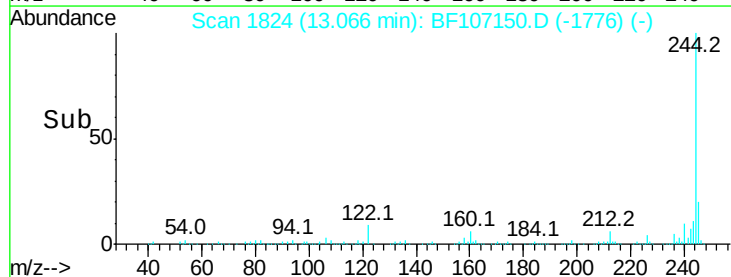
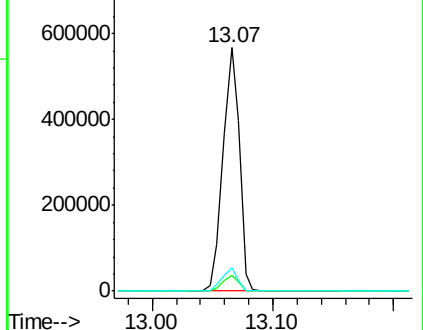
122 9.4 11.0 16.4#

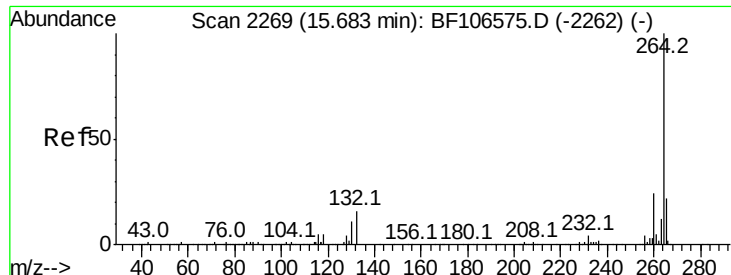


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

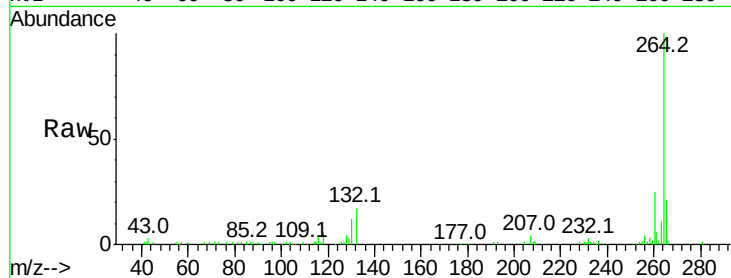




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107150.D
Acq: 6 Jul 2018 4:10

Instrument :
BNA_F
ClientSampleId :
062818-TIPC-F-U-B

Tot Ion:	264	Resp:	102576
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.1	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

