

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107159.D
 Acq On : 6 Jul 2018 8:13
 Operator : JU/SJ
 Sample : J3851-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Jul 06 08:39:59 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

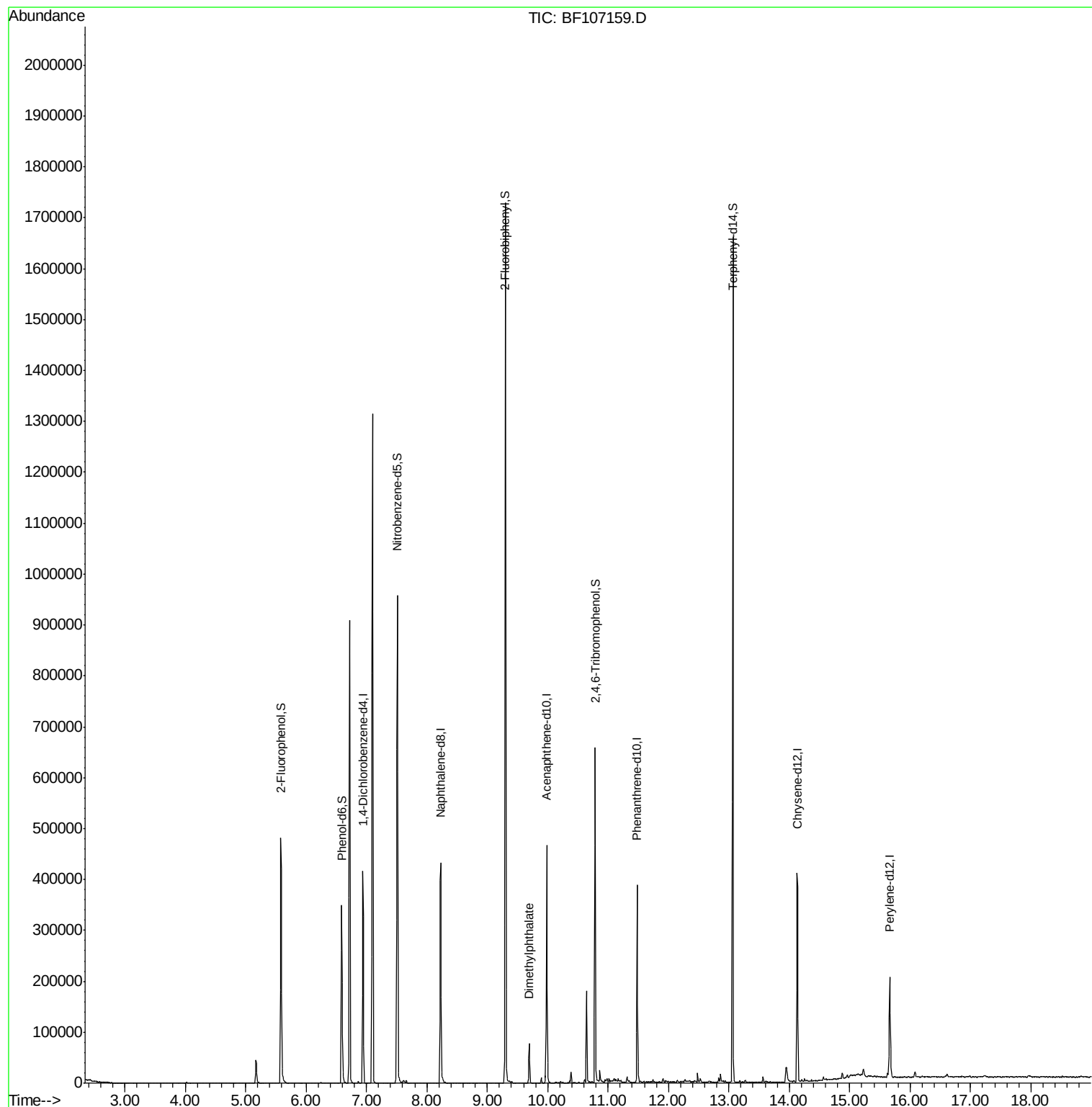
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62812	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	231445	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	101661	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	161775	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	164318	20.00	ng	-0.04
86) Perylene-d12	15.67	264	112364	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	154148	41.56	ng	-0.02
7) Phenol-d6	6.59	99	135123	29.17	ng	-0.02
23) Nitrobenzene-d5	7.51	82	350388	84.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	95561	81.10	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	612162	105.48	ng	-0.02
78) Terphenyl-d14	13.07	244	626162	92.31	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	37743	4.950	ng	96

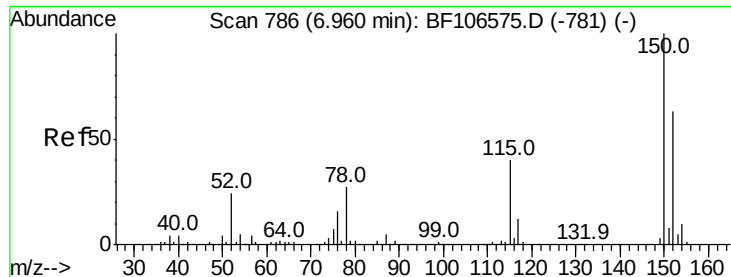
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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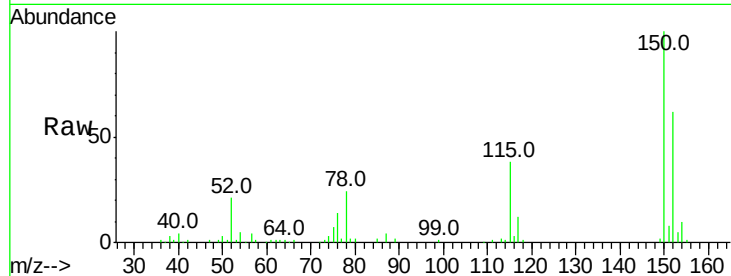


#1

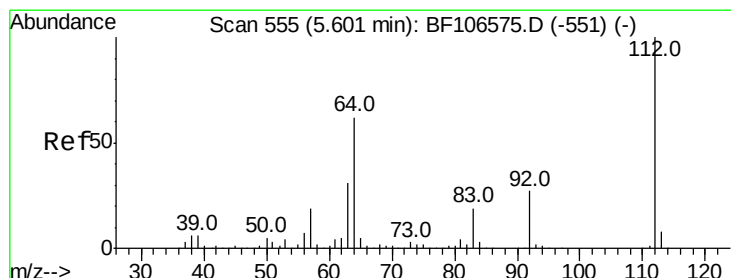
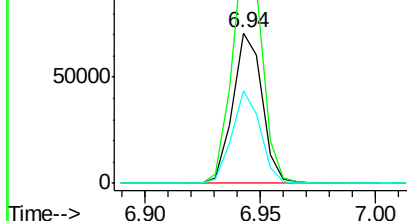
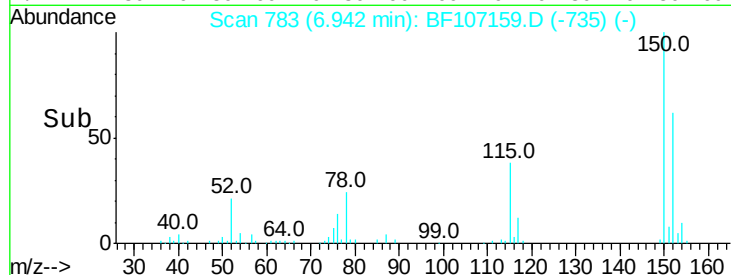
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

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

Tot Ion:152 Resp: 62812
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 61.6 50.1 75.1



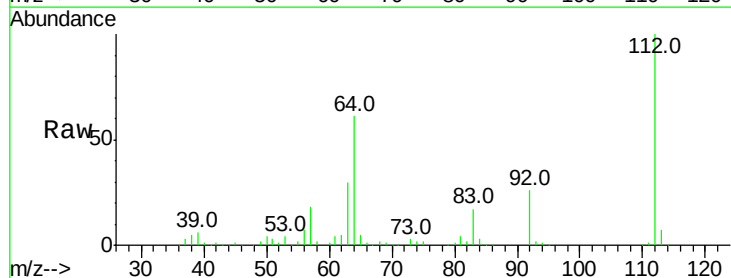
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



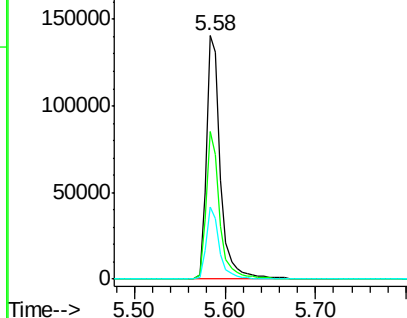
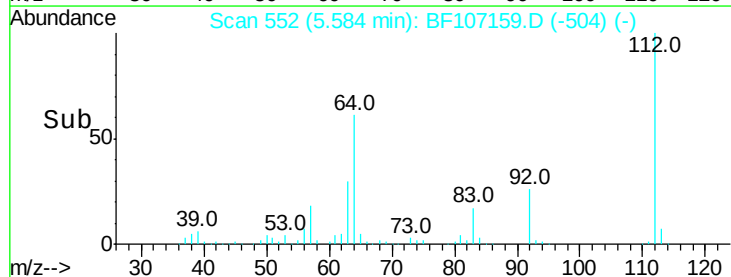
#5

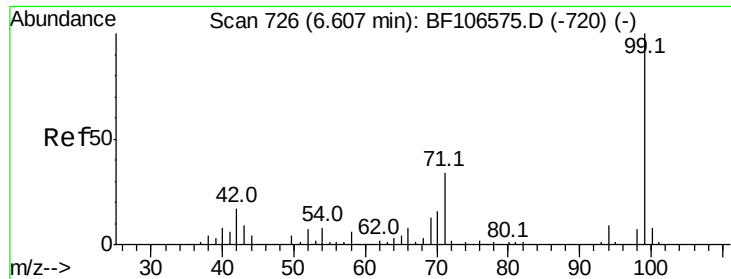
2-Fluorophenol
Concen: 41.556 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Tgt Ion:112 Resp: 154148
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 29.8 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: 29.170 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-D-S

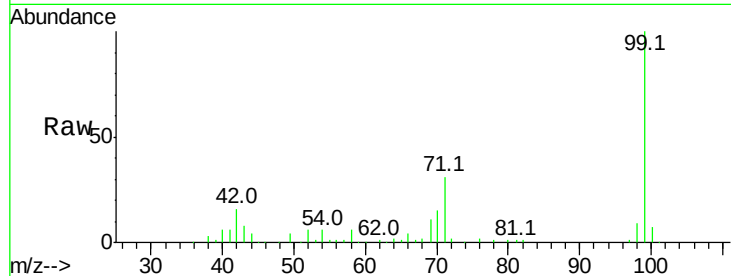
Tot Ion: 99 Resp: 135123

Ion Ratio Lower Upper

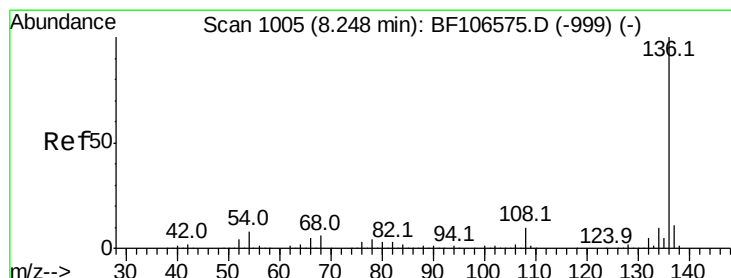
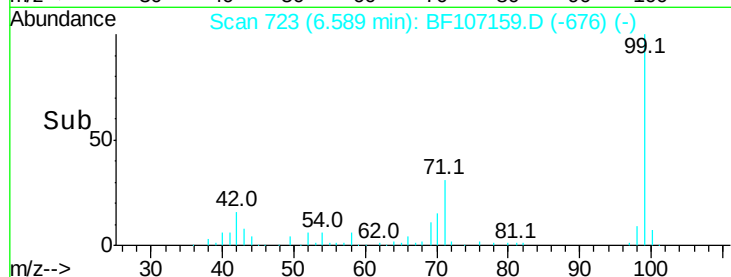
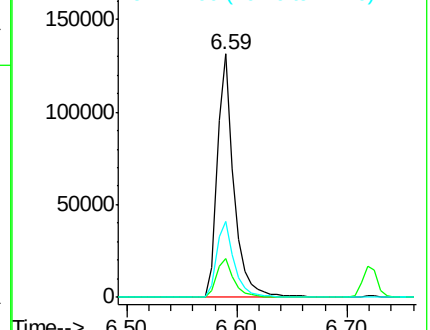
99 100

42 16.0 14.5 21.7

71 31.0 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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107159.D

Acq: 6 Jul 2018 8:13

Tgt Ion: 136 Resp: 231445

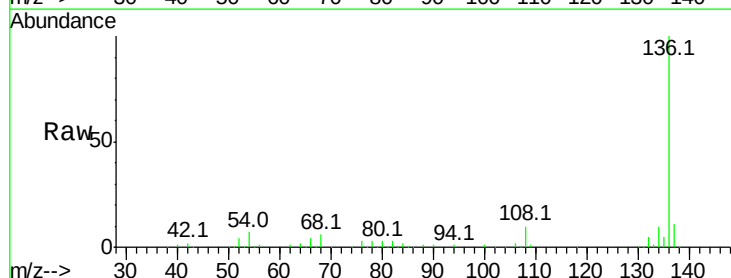
Ion Ratio Lower Upper

136 100

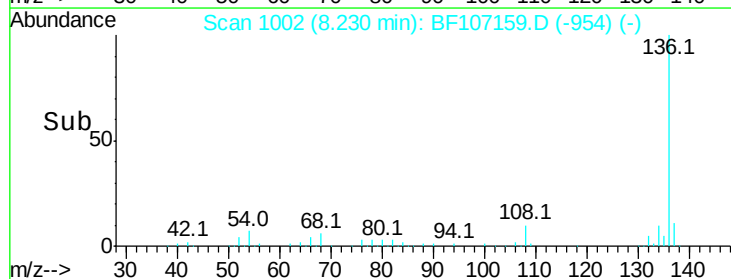
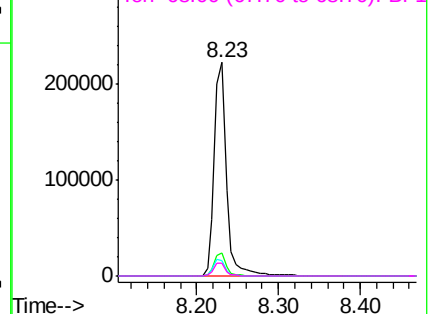
137 10.7 8.9 13.3

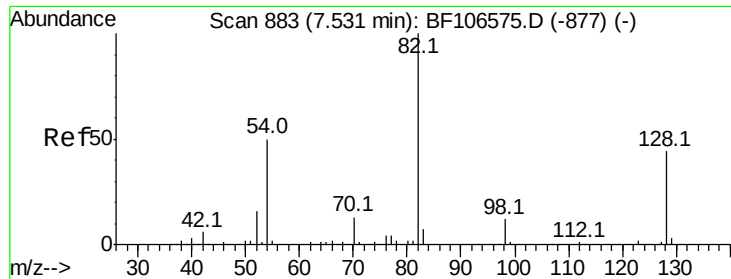
54 7.4 6.6 9.8

68 5.8 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

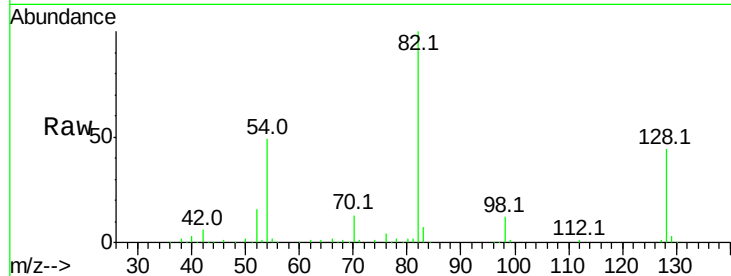




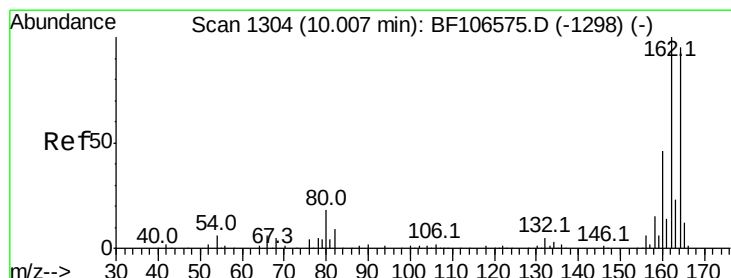
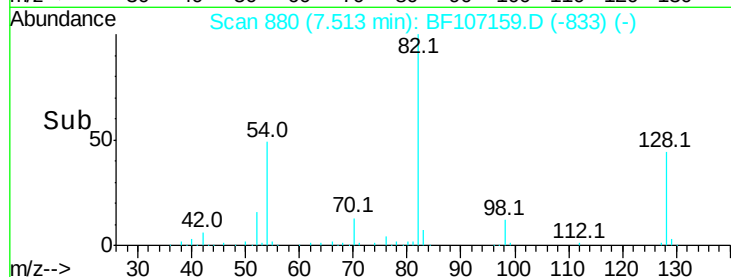
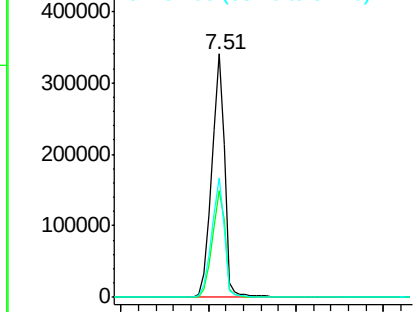
#23
 Nitrobenzene-d5
 Concen: 84.134 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

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

Tot Ion: 82 Resp: 350388
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 49.1 41.4 62.2

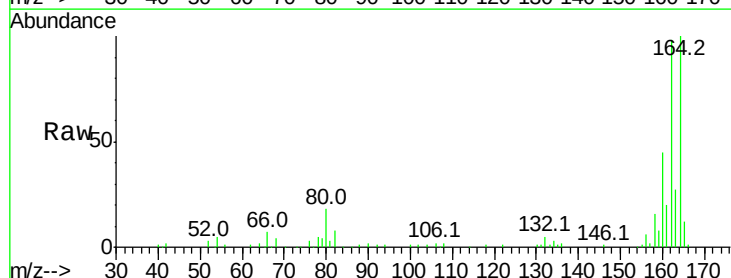


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

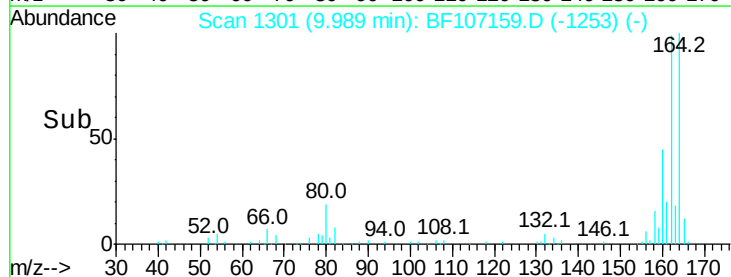
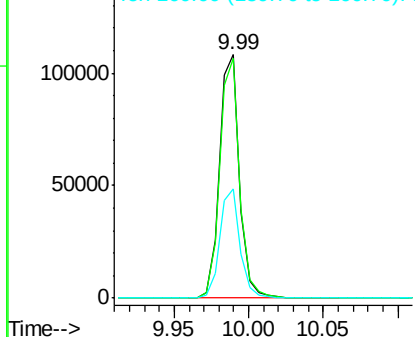


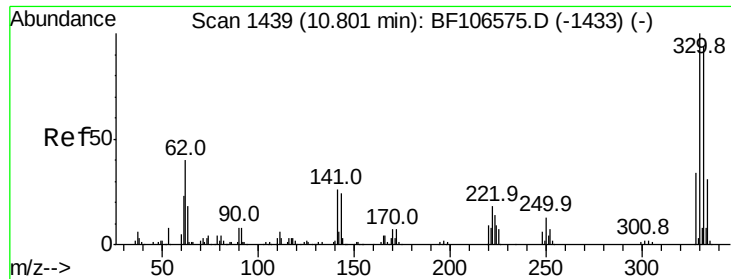
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Tgt Ion: 164 Resp: 101661
 Ion Ratio Lower Upper
 164 100
 162 98.3 86.1 129.1
 160 44.6 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

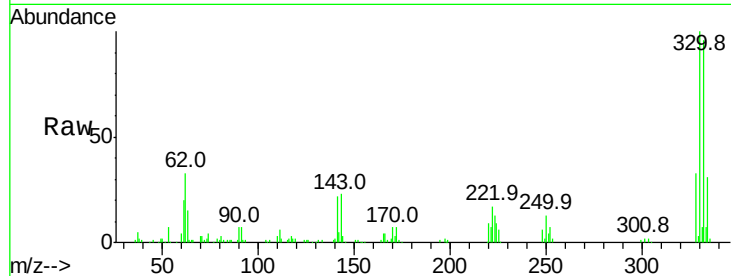




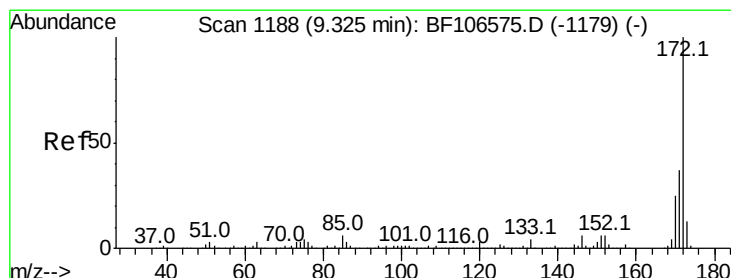
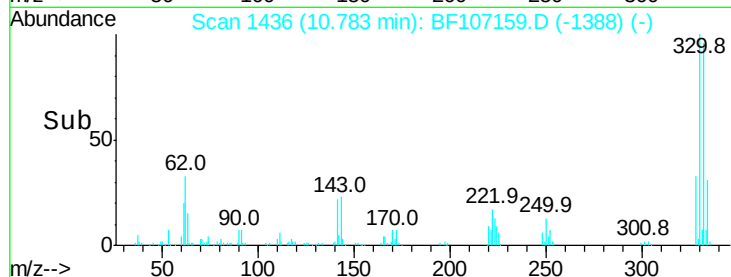
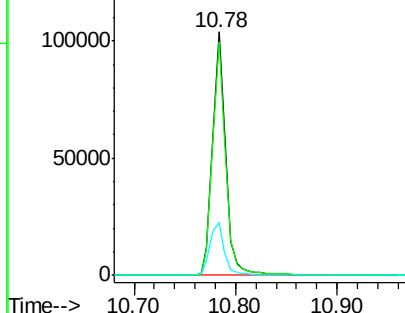
#41
 2,4,6-Tribromophenol
 Concen: 81.102 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

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

Tot Ion:330 Resp: 95561
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 23.3 29.9 44.9#

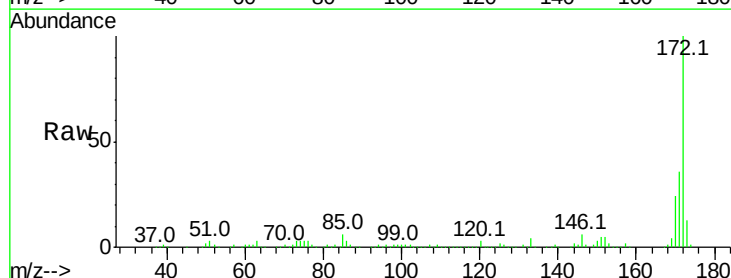


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

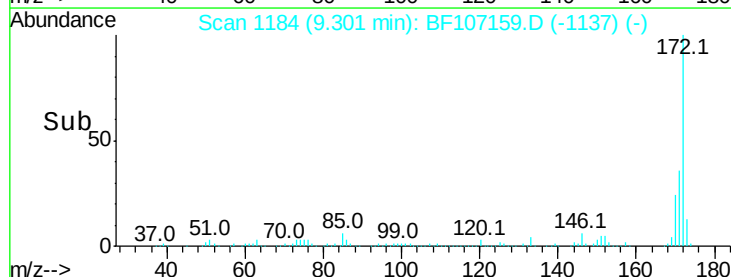
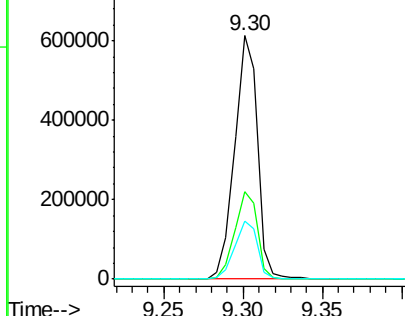


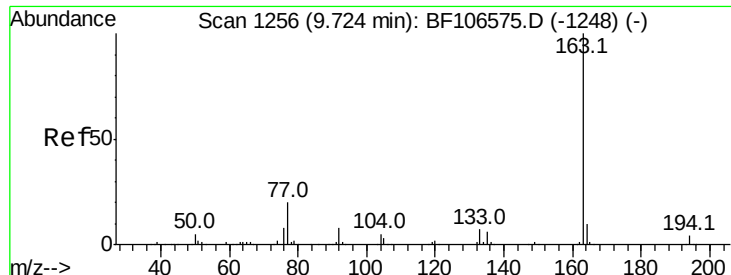
#44
 2-Fluorobiphenyl
 Concen: 105.477 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Tgt Ion:172 Resp: 612162
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 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

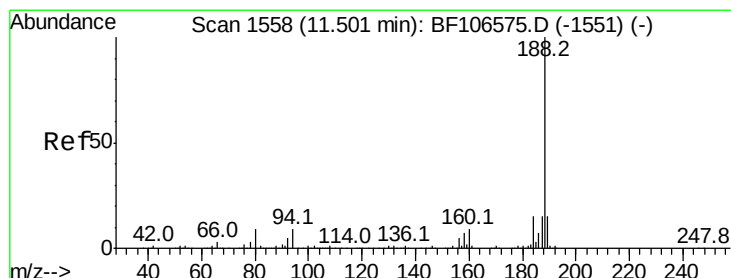
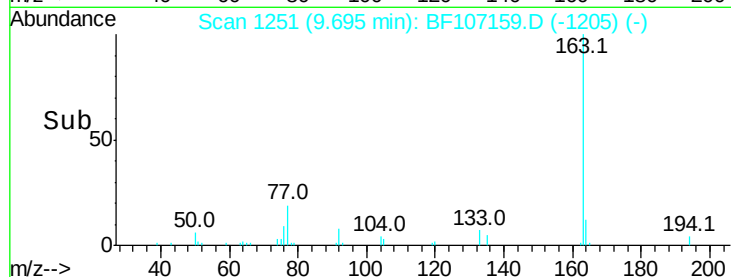
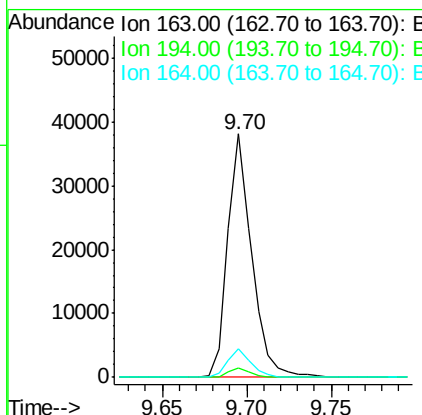
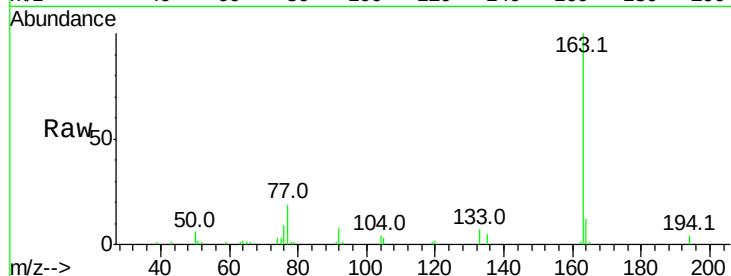




#49
Dimethylphthalate
Concen: 4.950 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

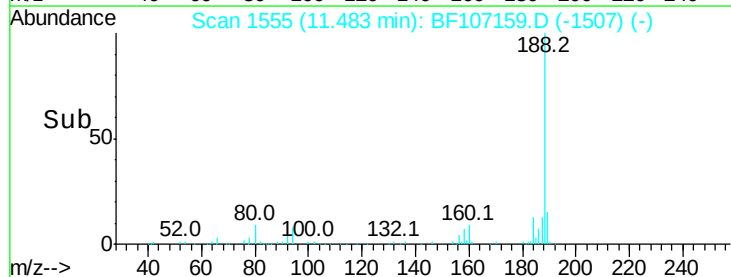
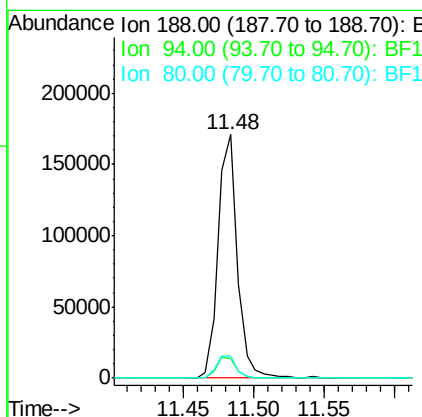
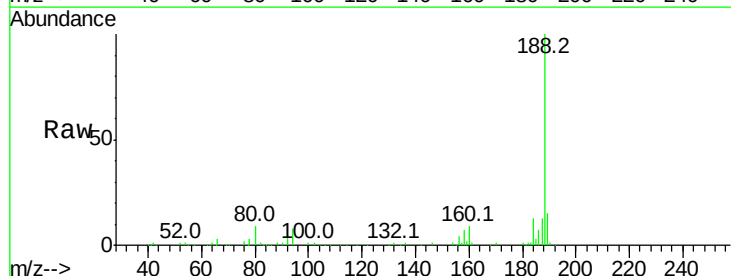
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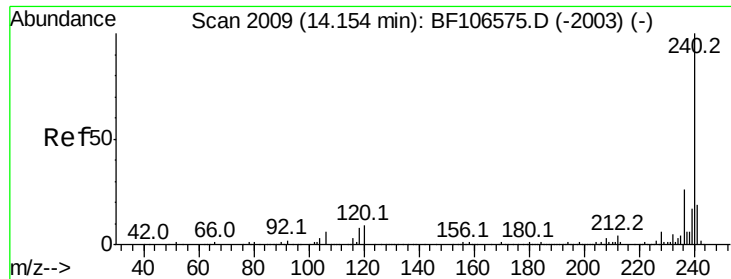
Tot Ion:163 Resp: 37743
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 12.0 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107159.D
Acq: 6 Jul 2018 8:13

Tgt Ion:188 Resp: 161775
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.9 9.2 13.8#

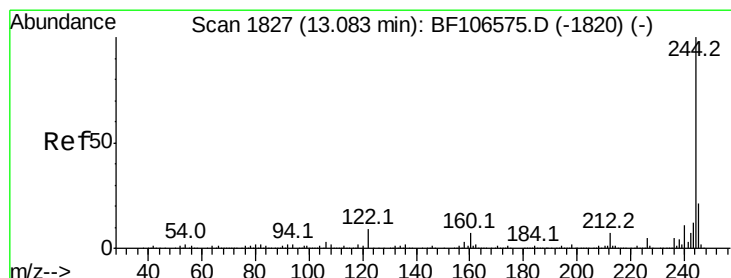
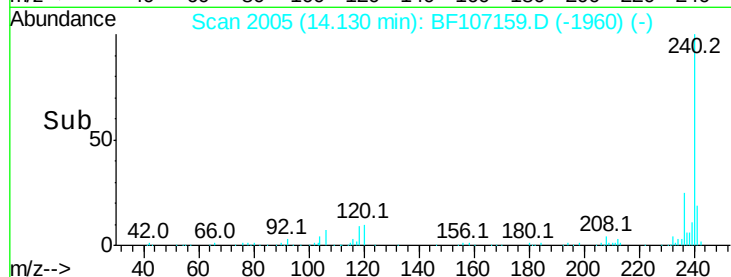
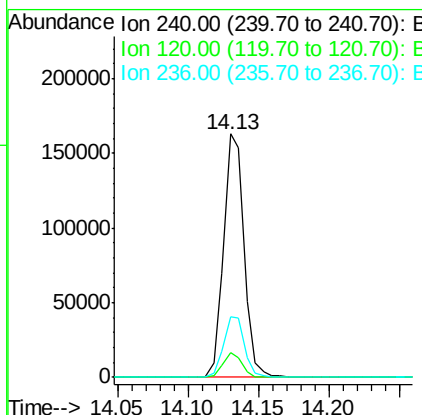
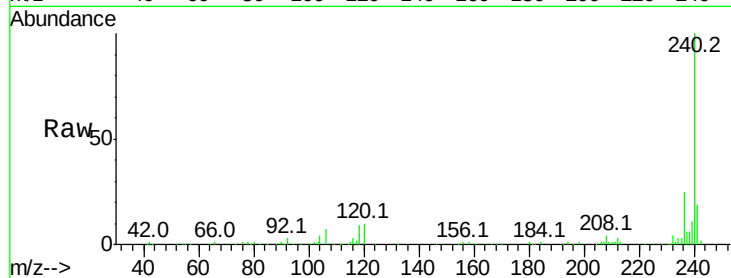




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.04 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

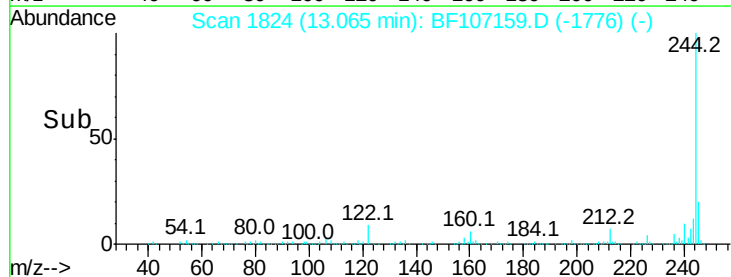
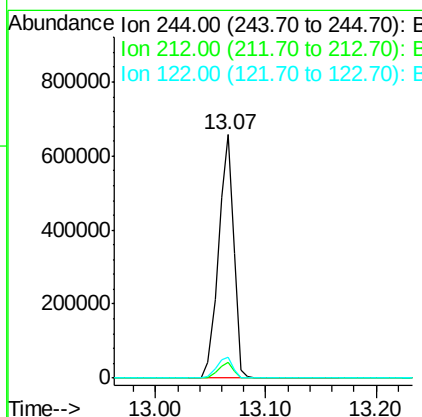
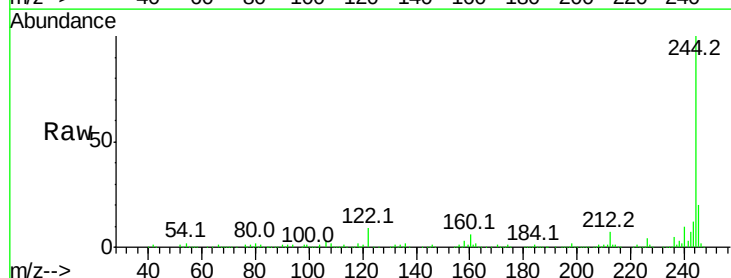
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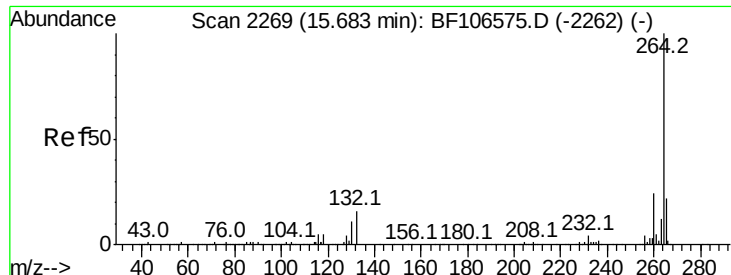
Tot Ion:240 Resp: 164318
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 92.306 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

Tgt Ion:244 Resp: 626162
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.7 11.0 16.4#

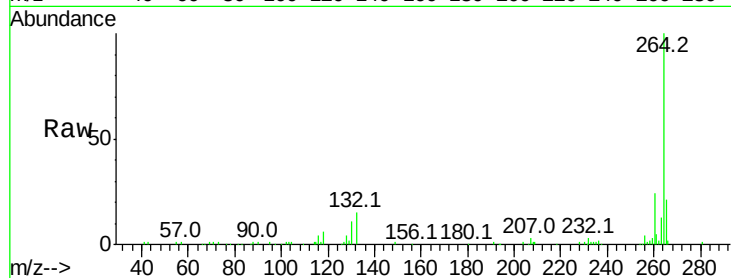




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107159.D
 Acq: 6 Jul 2018 8:13

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	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

