

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107118.D
 Acq On : 5 Jul 2018 11:18
 Operator : JU/SJ
 Sample : PB110801BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Quant Time: Jul 05 12:09:01 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	6.95	152	56415	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	216576	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	114896	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	244372	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	249441	20.00	ng	-0.03
86) Perylene-d12	15.68	264	200170	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	402303	120.75	ng	0.00
7) Phenol-d6	6.60	99	506166	121.66	ng	-0.02
23) Nitrobenzene-d5	7.51	82	324865	83.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	187349	140.69	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	636136	95.54	ng	-0.02
78) Terphenyl-d14	13.07	244	855097	83.04	ng	-0.01

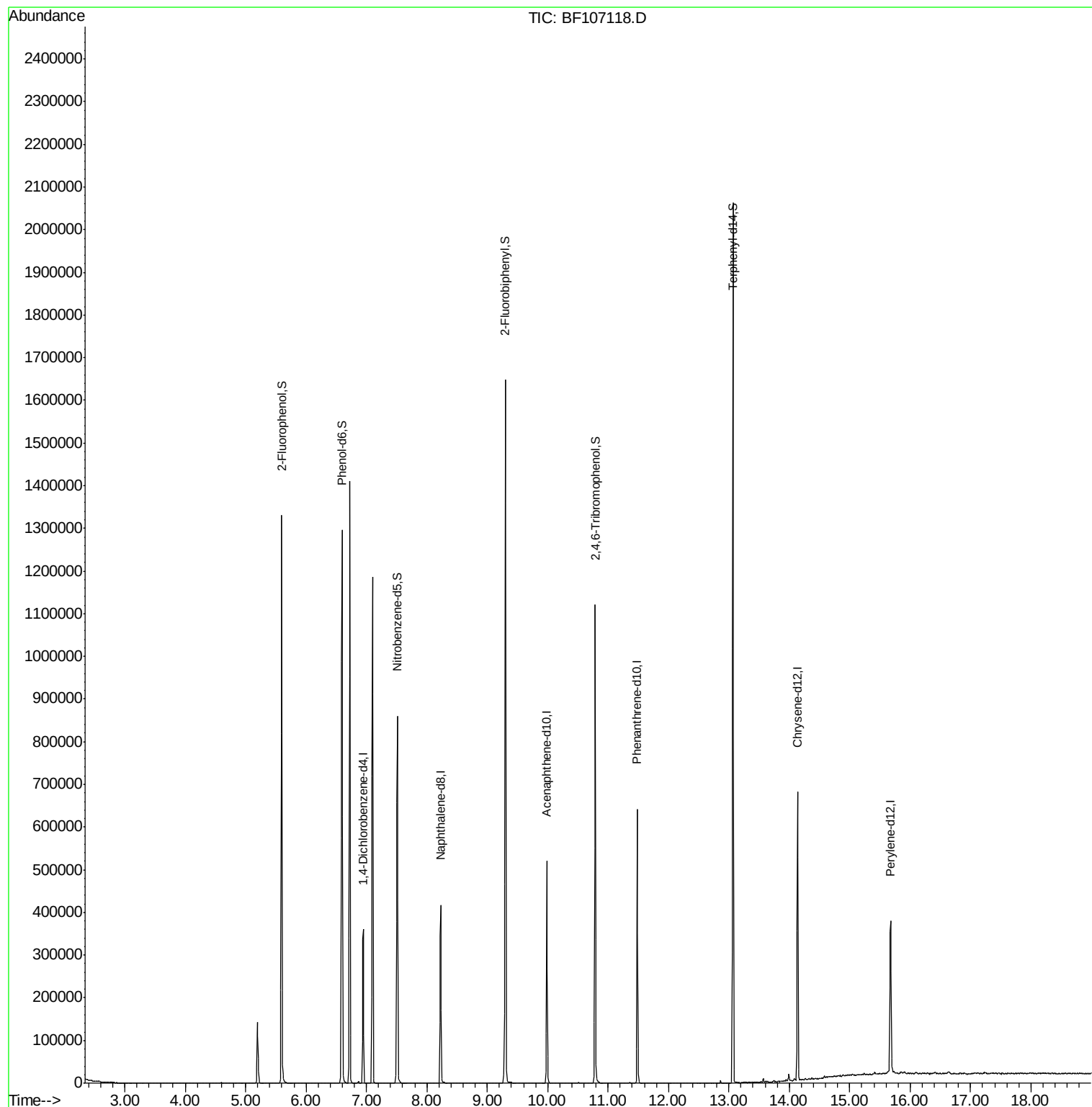
Target Compounds Qvalue

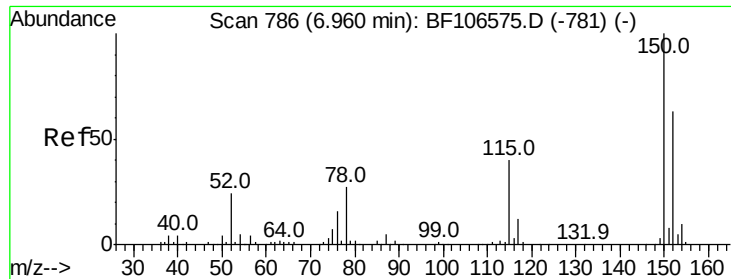
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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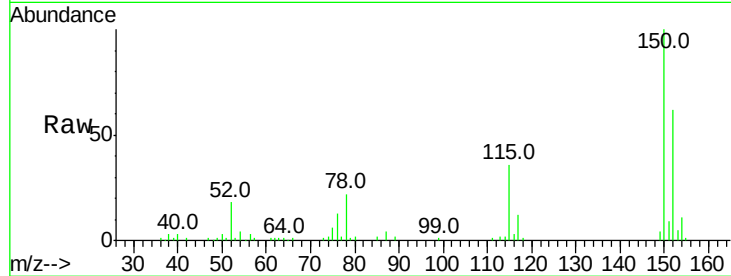


#1

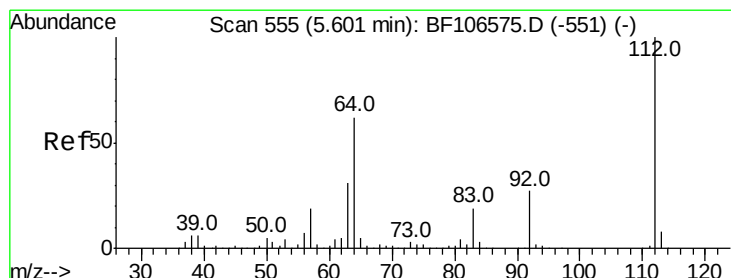
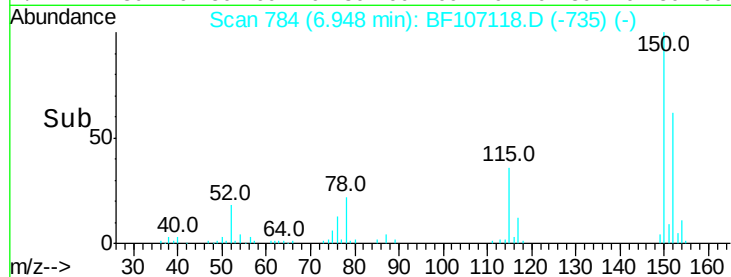
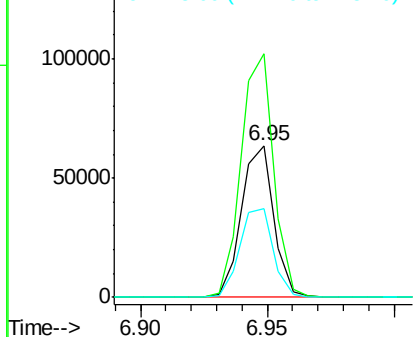
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB110801BL

Tot Ion:152 Resp: 56415
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 58.4 50.1 75.1



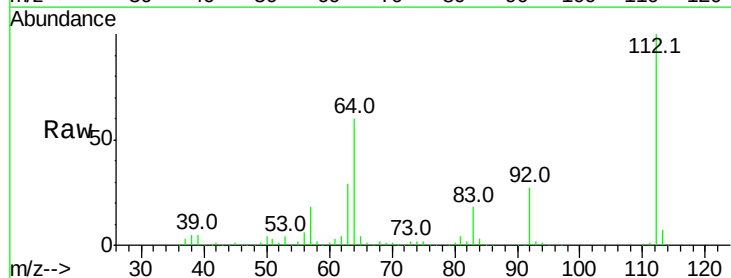
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



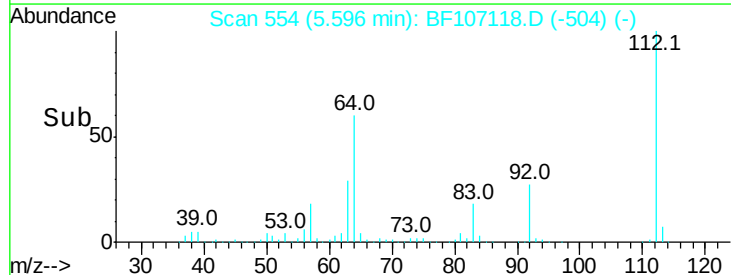
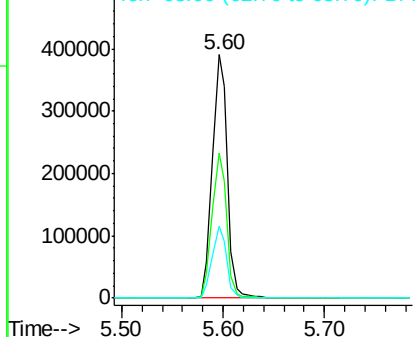
#5

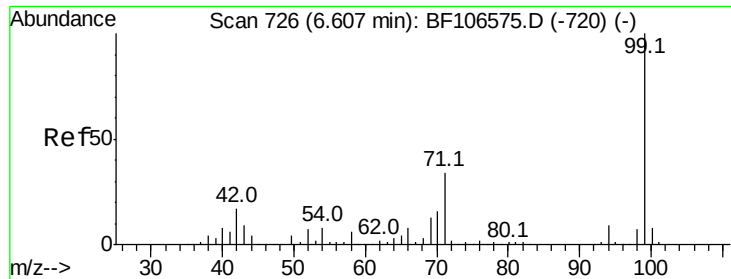
2-Fluorophenol
Concen: 120.753 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Tgt Ion:112 Resp: 402303
Ion Ratio Lower Upper
112 100
64 59.8 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: 121.658 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107118.D

Acq: 5 Jul 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB110801BL

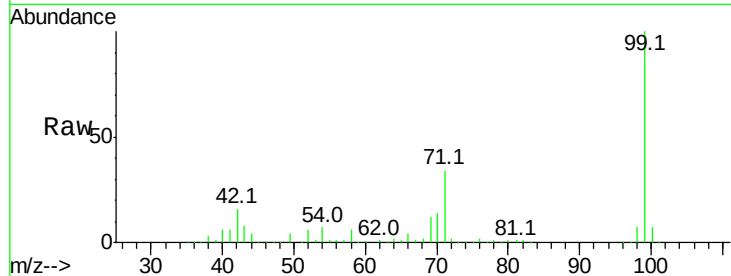
Tot Ion: 99 Resp: 506166

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

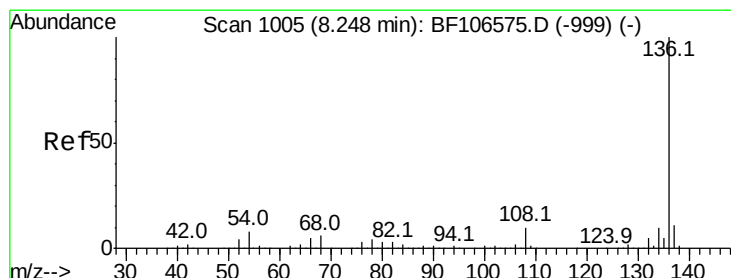
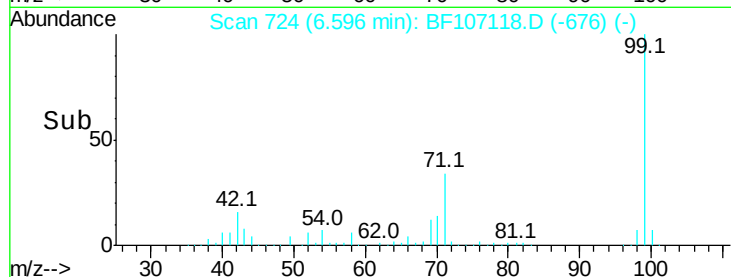
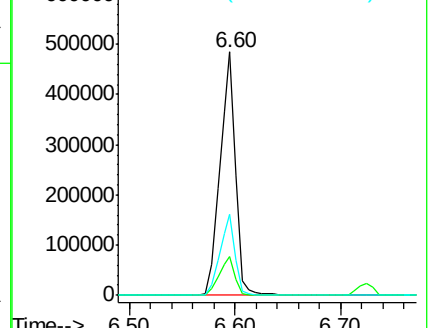
71 33.5 25.4 38.0



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: BF107118.D

Acq: 5 Jul 2018 11:18

Tgt Ion: 136 Resp: 216576

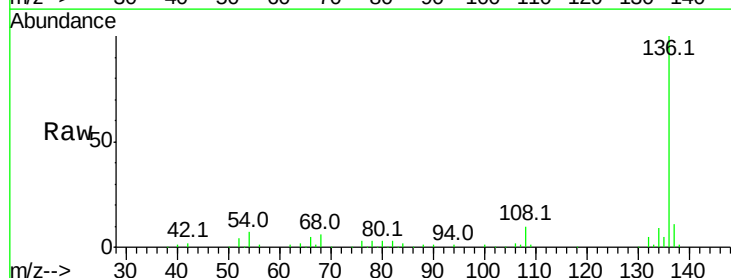
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4

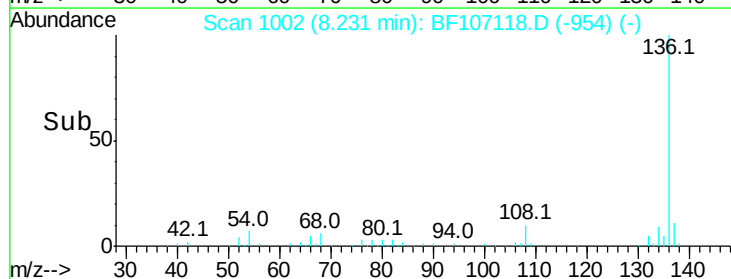
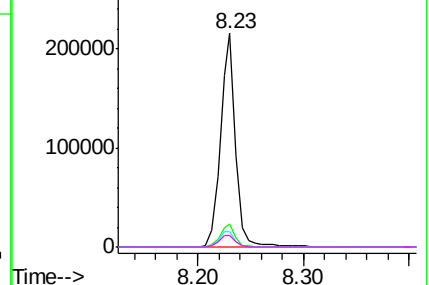


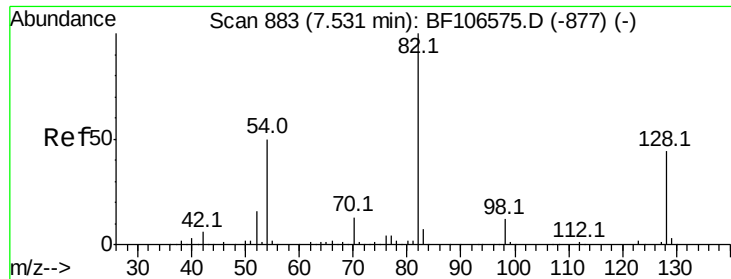
Abundance Ion 136.00 (135.70 to 136.70): E

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

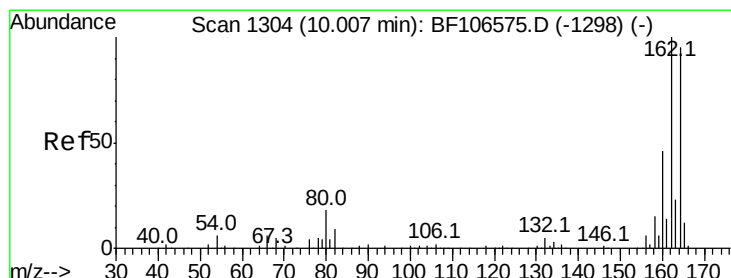
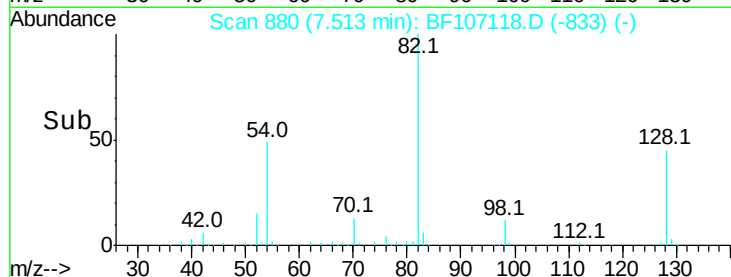
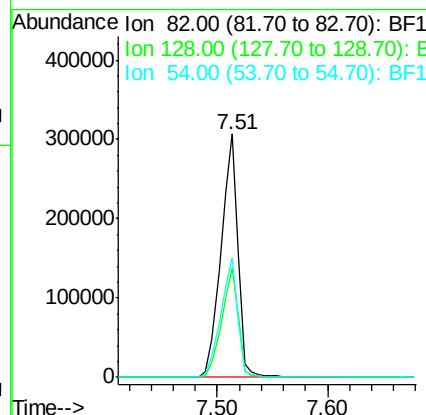
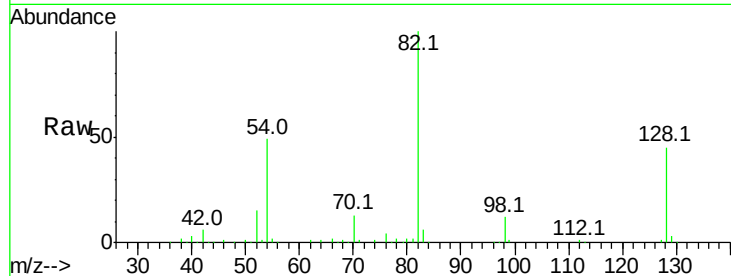




#23
 Nitrobenzene-d5
 Concen: 83.361 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

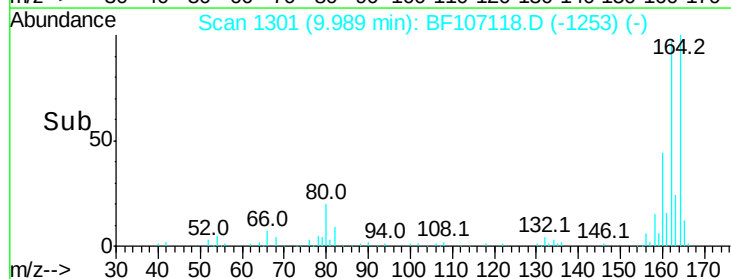
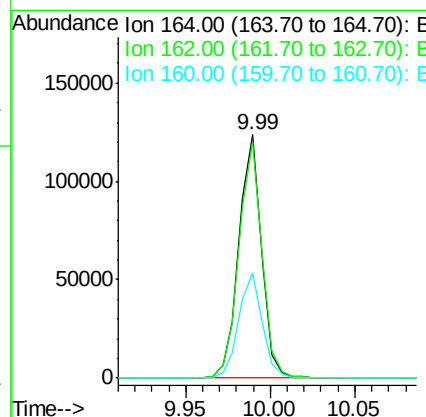
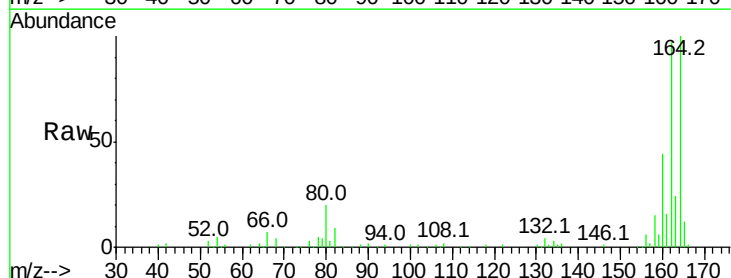
Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

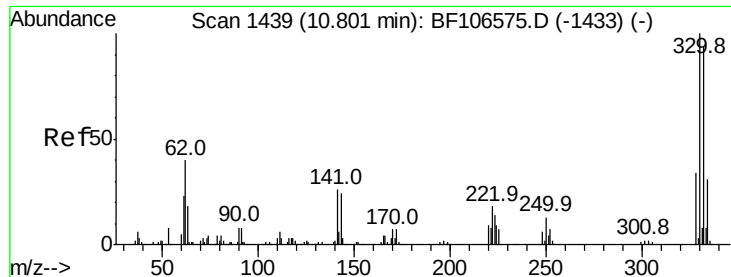
Tot Ion	82	Resp	324865
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	48.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Tgt Ion	164	Resp	114896
Ion Ratio	Lower	Upper	
164	100		
162	96.7	86.1	129.1
160	43.5	38.3	57.5

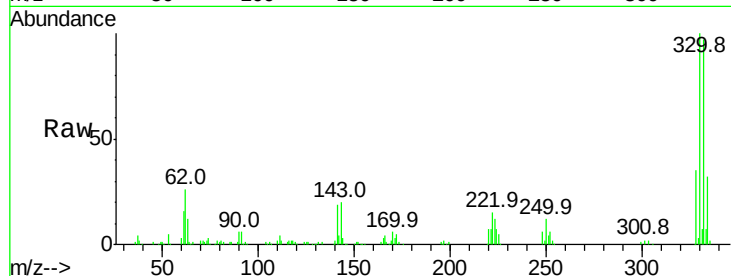




#41
 2,4,6-Tribromophenol
 Concen: 140.687 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	21.9	29.9	44.9

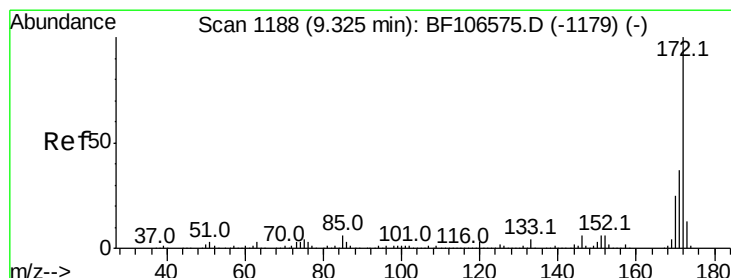
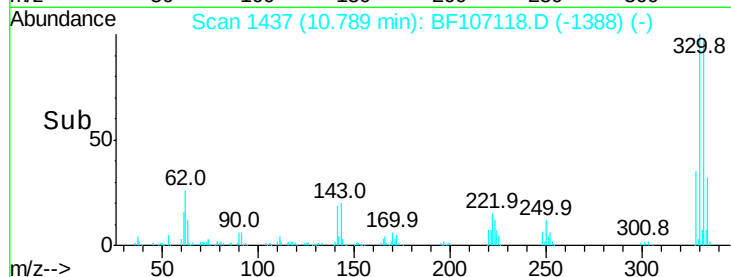
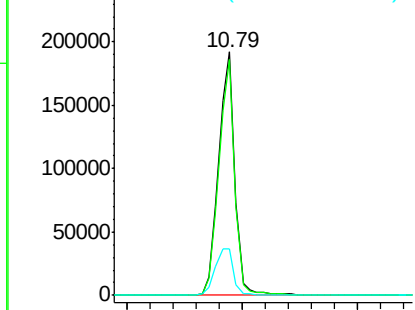


Abundance

Ion 329.80 (329.50 to 330.50): E

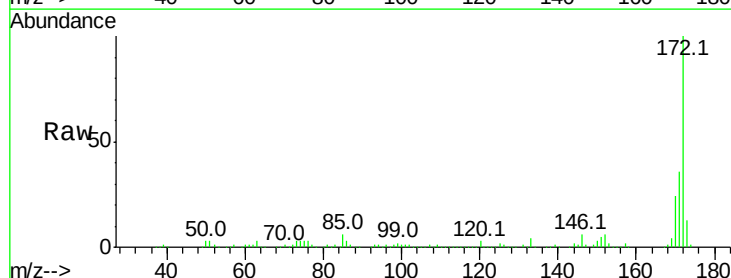
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.544 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

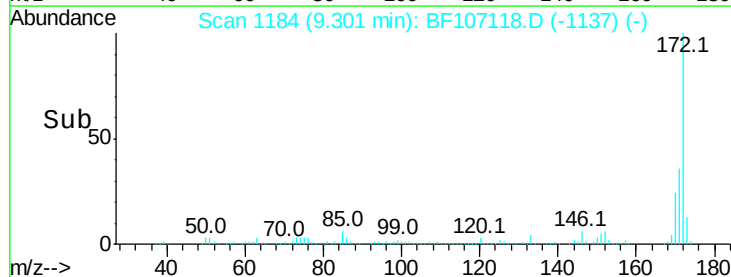
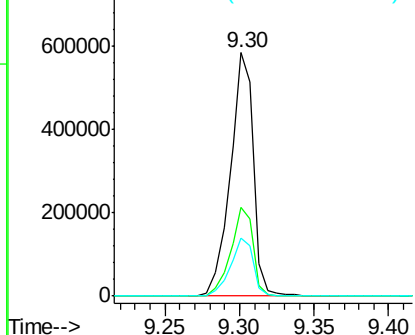


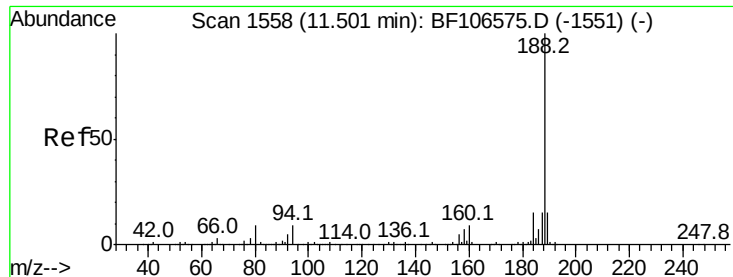
Abundance

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

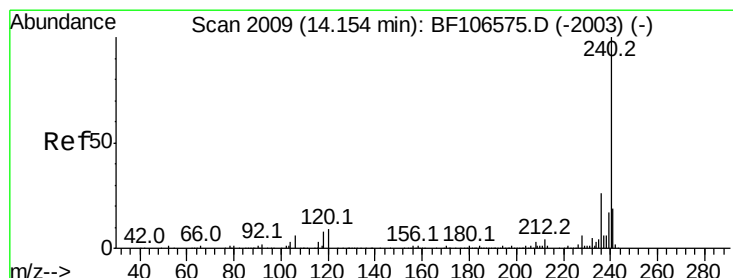
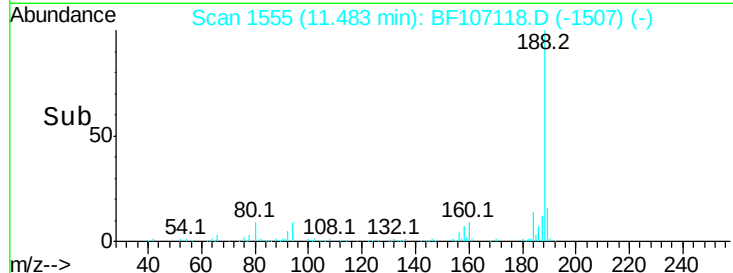
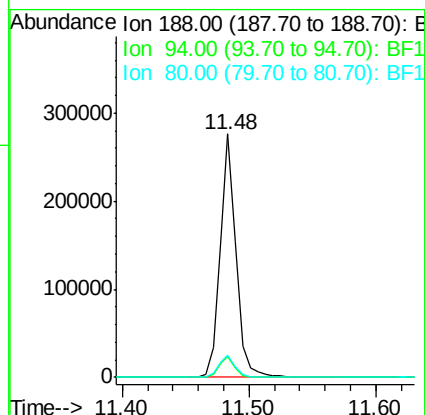
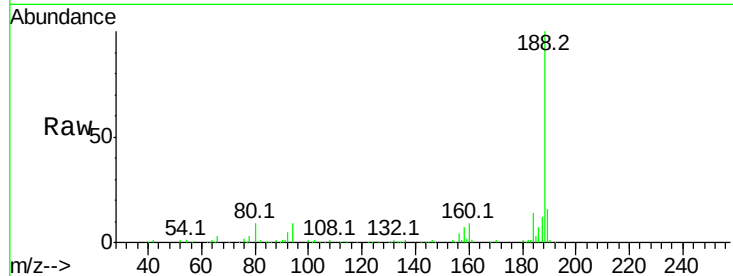




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

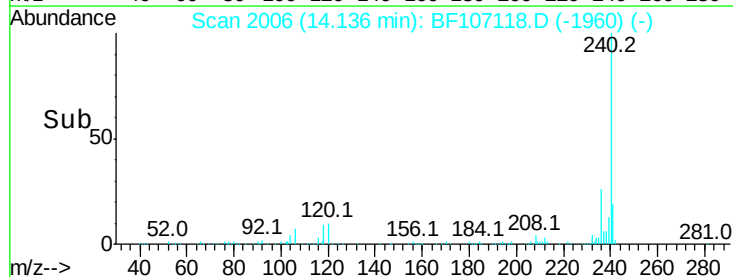
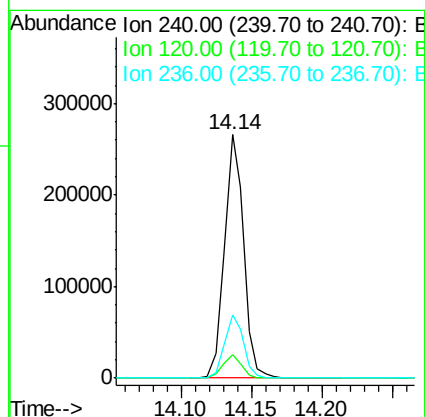
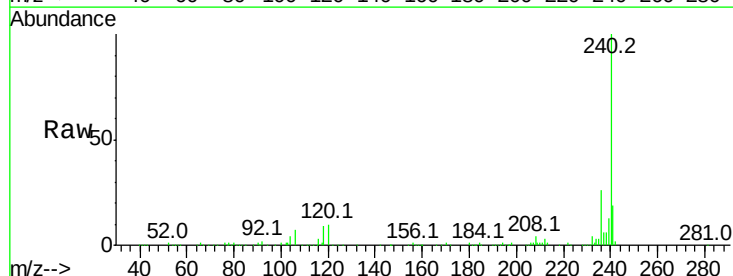
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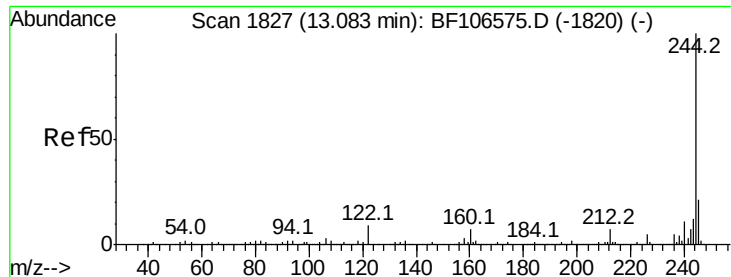
Tot Ion:188 Resp: 244372
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107118.D
Acq: 5 Jul 2018 11:18

Tgt Ion:240 Resp: 249441
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 26.1 20.7 31.1

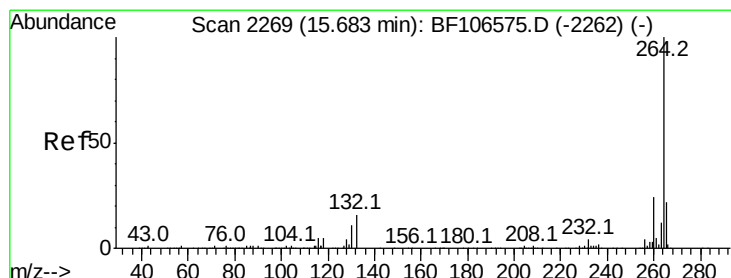
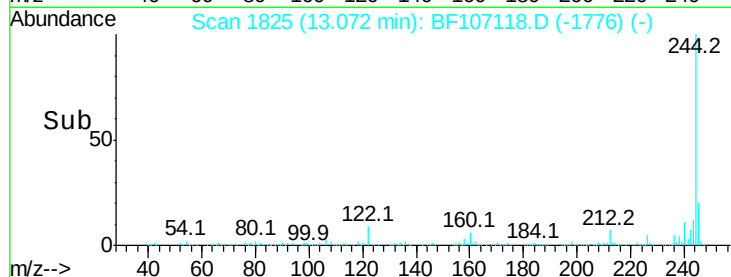
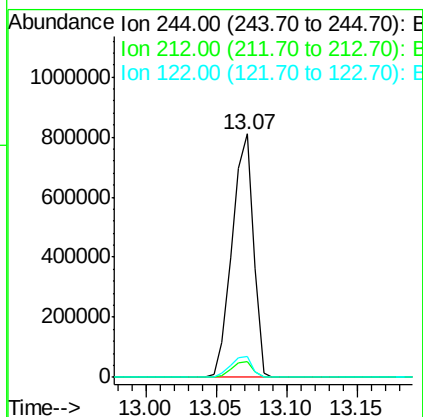
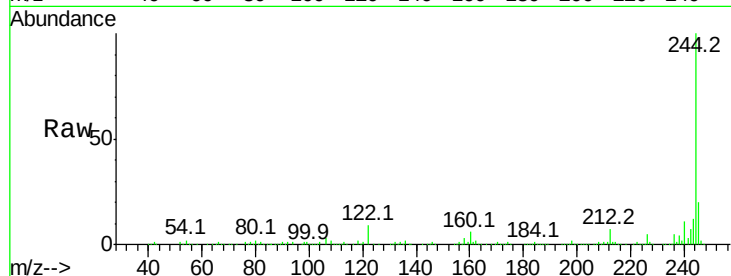




#78
 Terphenyl-d14
 Concen: 83.038 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BL

Tot Ion:244 Resp: 855097
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107118.D
 Acq: 5 Jul 2018 11:18

Tgt Ion:264 Resp: 200170
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.9 17.5 26.3

