

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107610.D
 Acq On : 24 Jul 2018 9:12
 Operator : JU/SJ
 Sample : J4103-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-12

Quant Time: Jul 24 10:51:25 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	6.98	152	224103	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	804138	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	302025	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	597245	20.00	ng	0.00
75) Chrysene-d12	14.17	240	506029	20.00	ng	0.00
86) Perylene-d12	15.71	264	378389	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	867905	62.27	ng	0.00
7) Phenol-d6	6.61	99	1101527	65.82	ng	0.00
23) Nitrobenzene-d5	7.54	82	660518	55.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	244253	71.12	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1201333	63.37	ng	0.00
78) Terphenyl-d14	13.10	244	1250541	63.27	ng	0.00

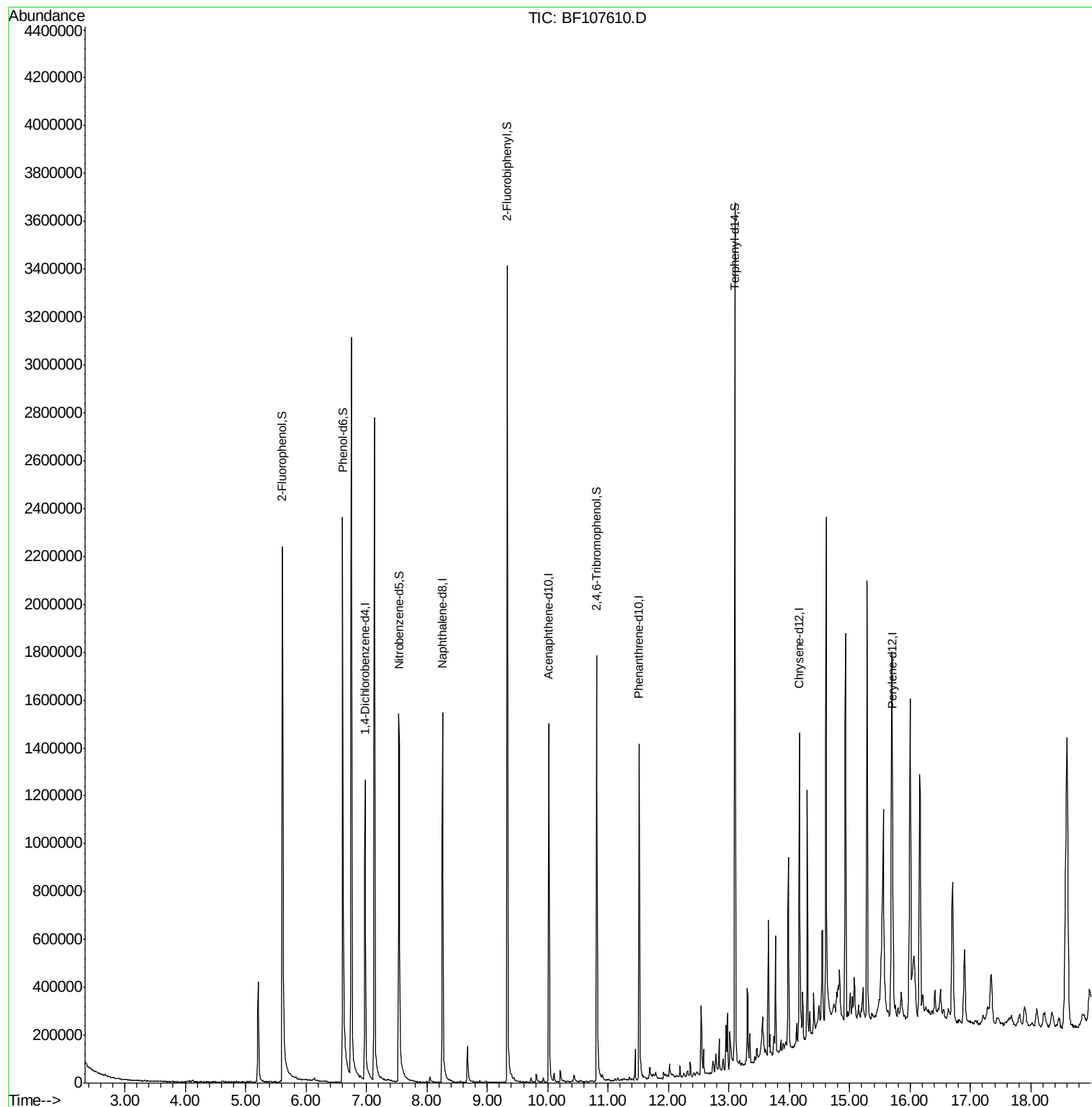
Target Compounds Qvalue

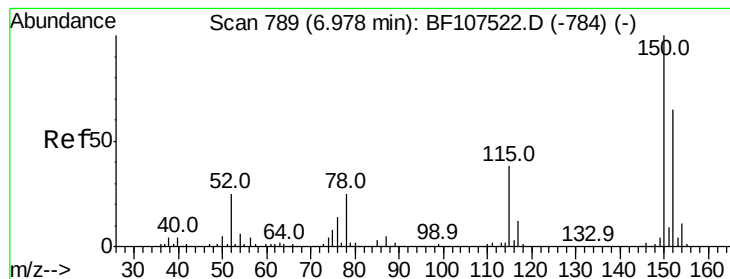
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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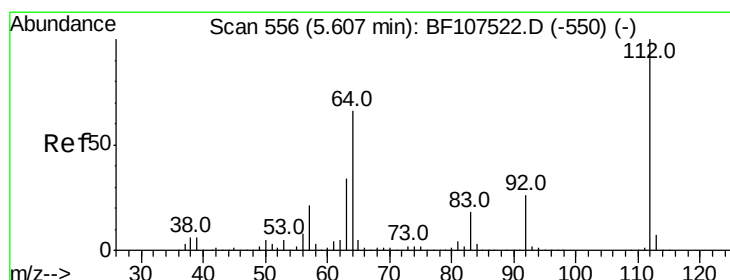
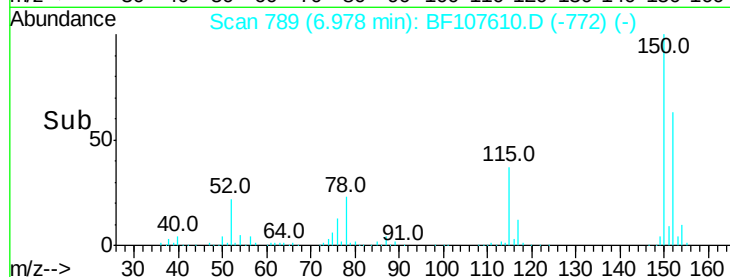
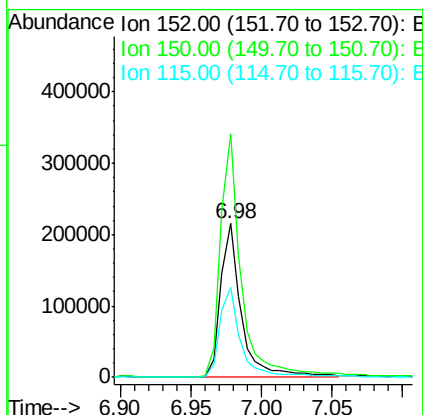
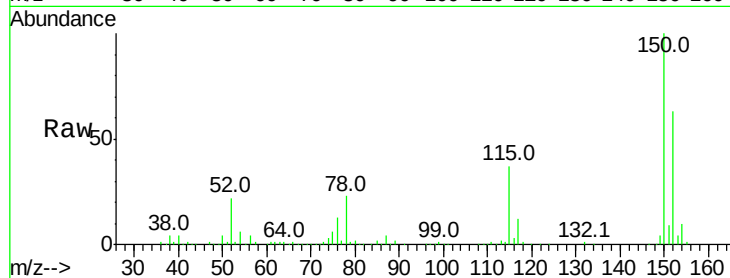


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107610.D
Acq: 24 Jul 2018 9:12

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-12

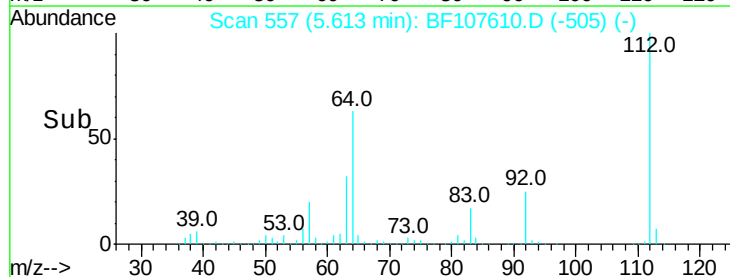
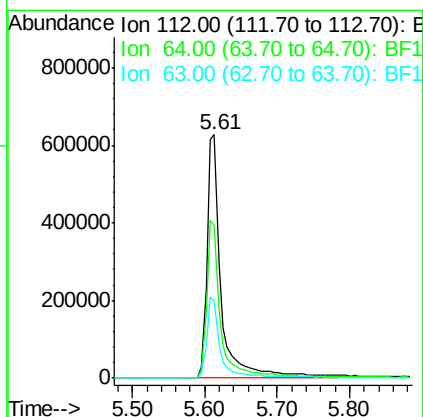
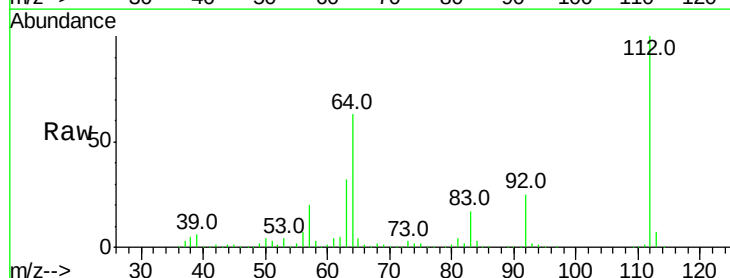
Tot Ion:152 Resp: 224103
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 58.5 50.1 75.1

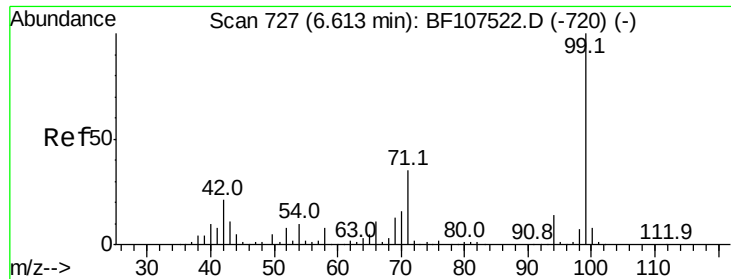


#5

2-Fluorophenol
Concen: 62.267 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107610.D
Acq: 24 Jul 2018 9:12

Tgt Ion:112 Resp: 867905
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 65.816 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107610.D

Acq: 24 Jul 2018 9:12

Instrument :

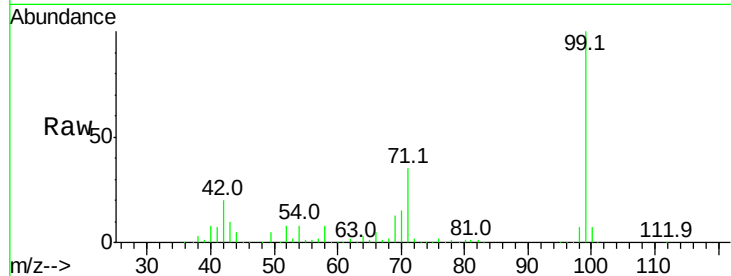
BNA_F

ClientSampleId :

DPC-81753-FB-12

Tot Ion: 99 Resp: 1101527

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.6	25.4	38.0

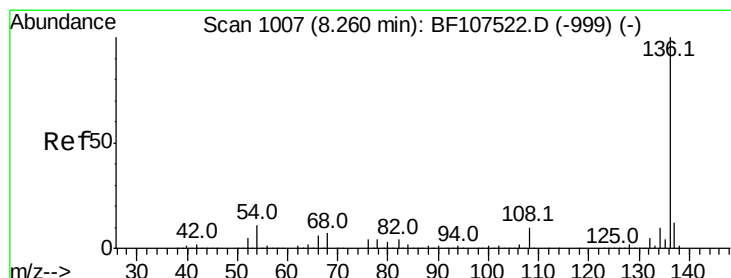
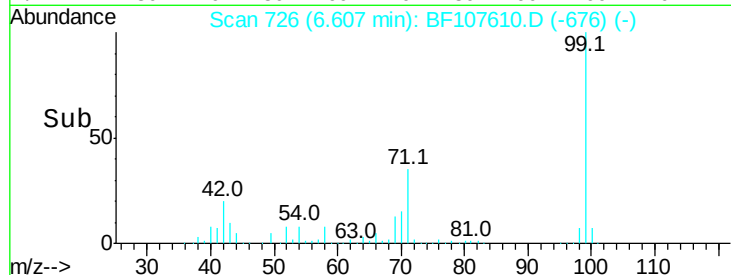
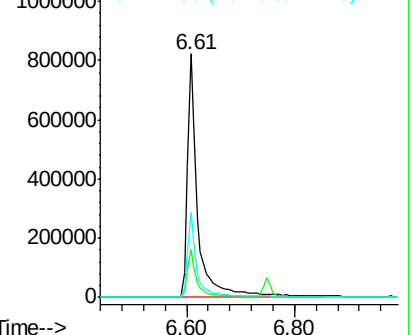


Abundance

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: 8.26 min Scan# 1007

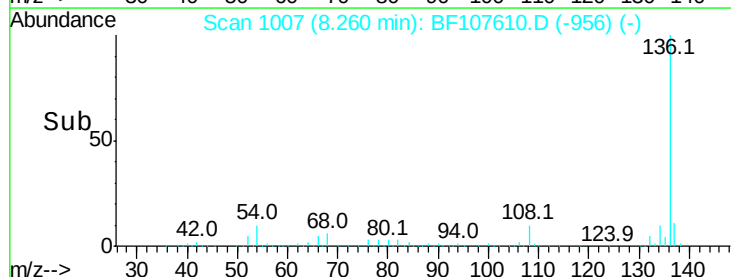
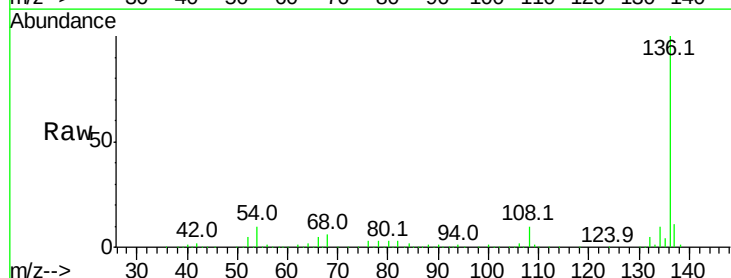
Delta R.T. 0.00 min

Lab File: BF107610.D

Acq: 24 Jul 2018 9:12

Tgt Ion: 136 Resp: 804138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	6.6	9.8
68	5.9	5.0	7.4



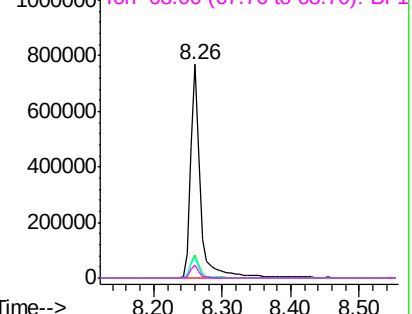
Abundance

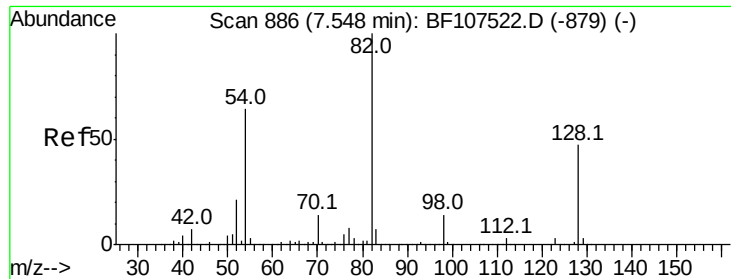
Ion 136.00 (135.70 to 136.70): E

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

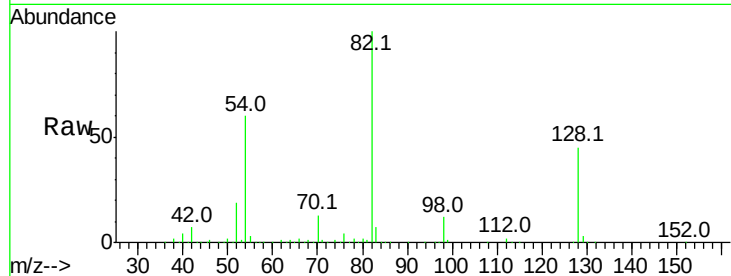




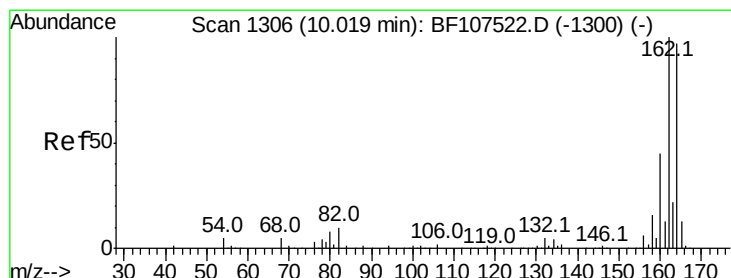
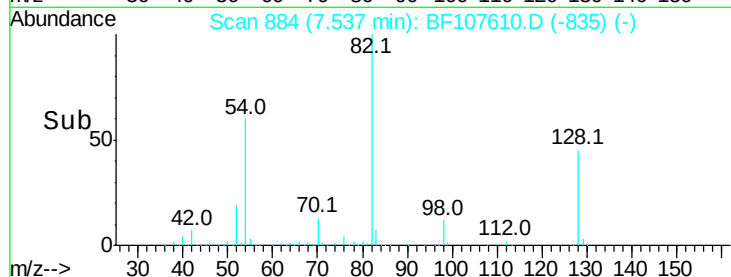
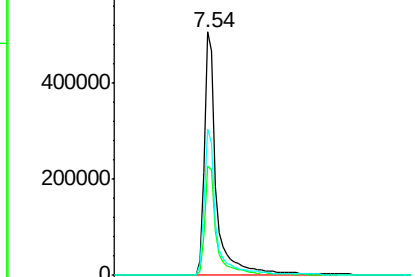
#23
 Nitrobenzene-d5
 Concen: 55.434 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107610.D
 Acq: 24 Jul 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-12

Tot Ion: 82 Resp: 660518
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 60.1 41.4 62.2

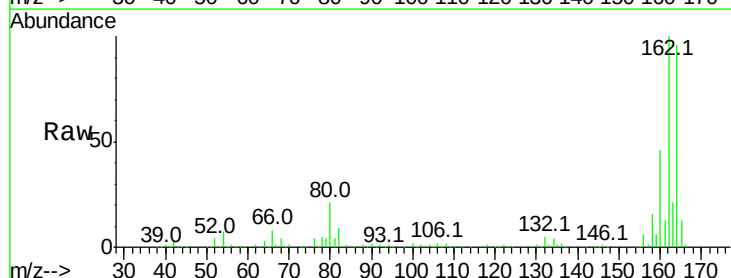


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

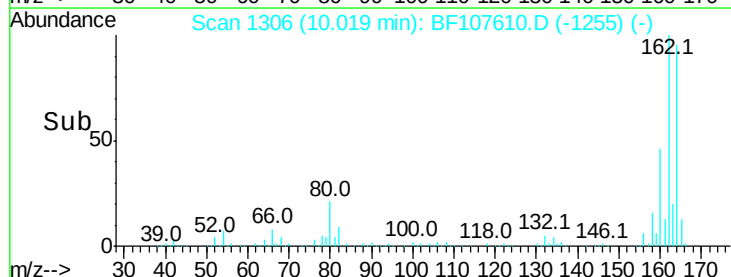
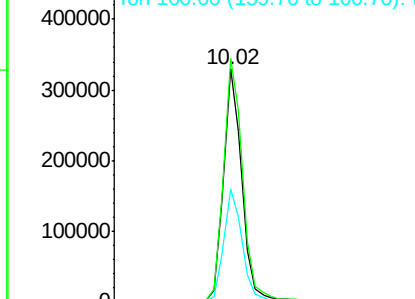


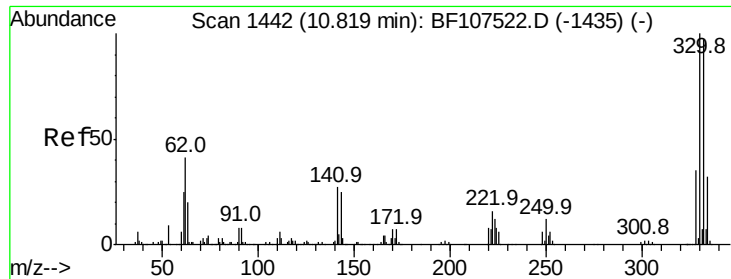
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF107610.D
 Acq: 24 Jul 2018 9:12

Tgt Ion: 164 Resp: 302025
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 48.3 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

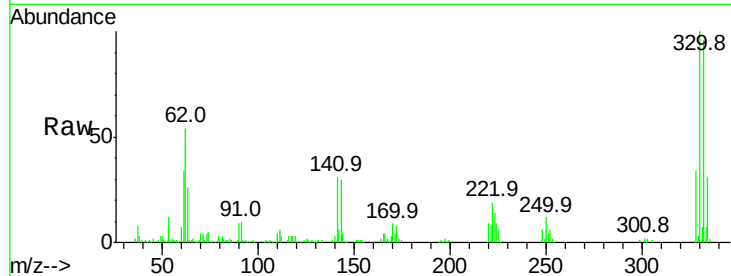




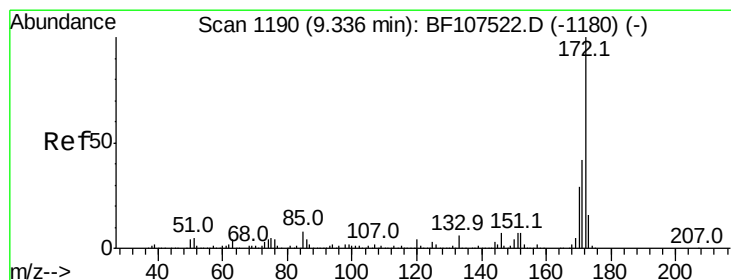
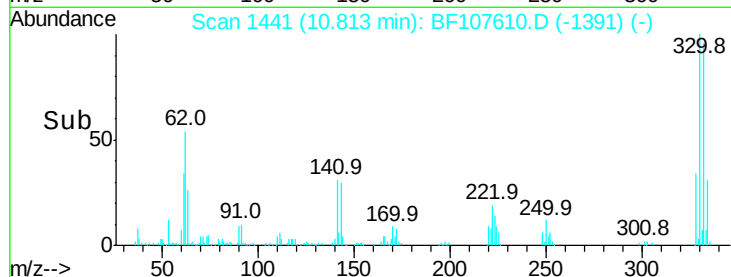
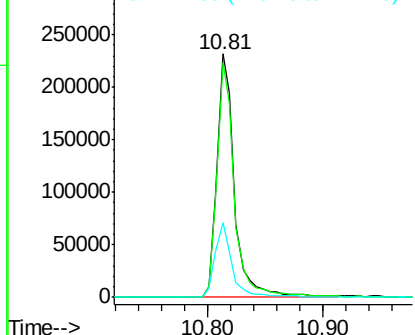
#41
 2,4,6-Tribromophenol
 Concen: 71.118 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107610.D
 Acq: 24 Jul 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-12

Tot Ion:330 Resp: 244253
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 30.0 29.9 44.9

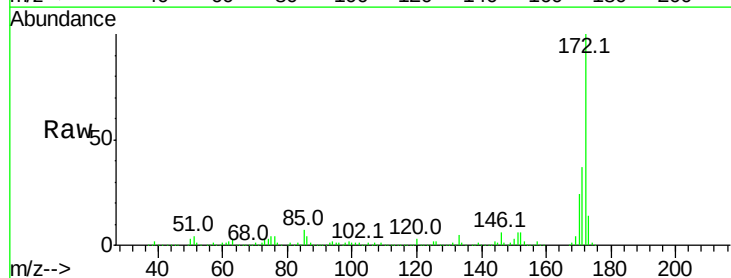


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

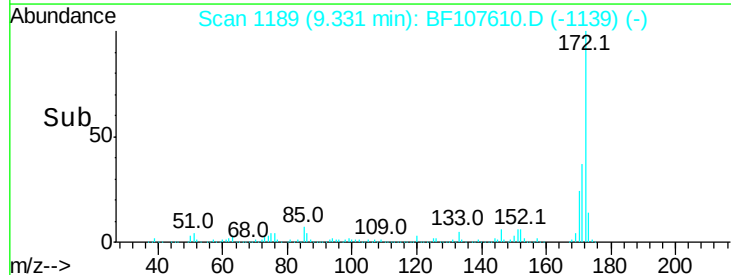
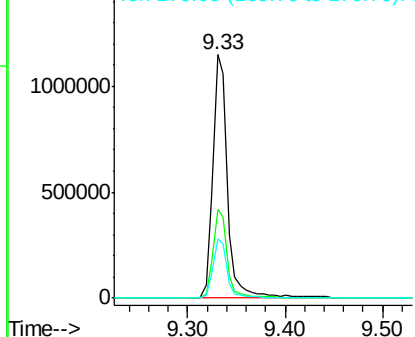


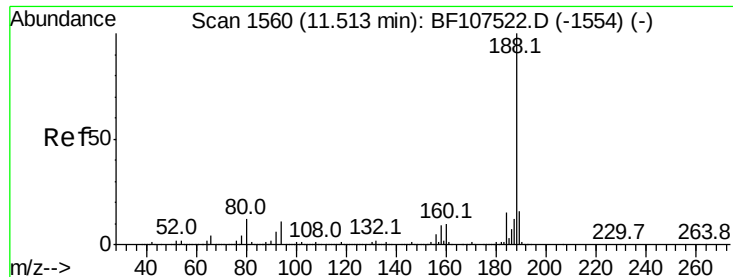
#44
 2-Fluorobiphenyl
 Concen: 63.369 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107610.D
 Acq: 24 Jul 2018 9:12

Tgt Ion:172 Resp: 1201333
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 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

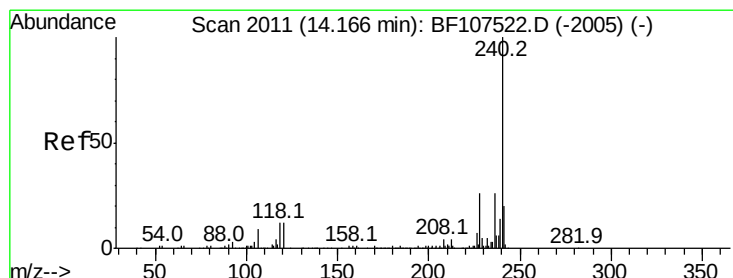
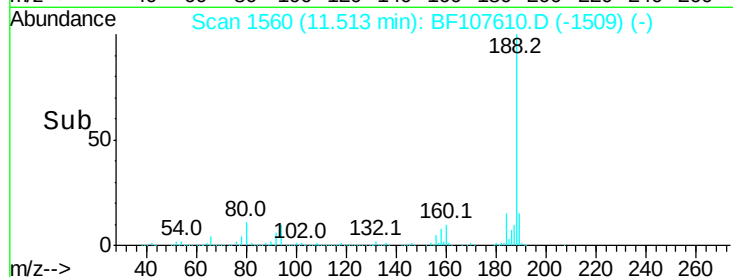
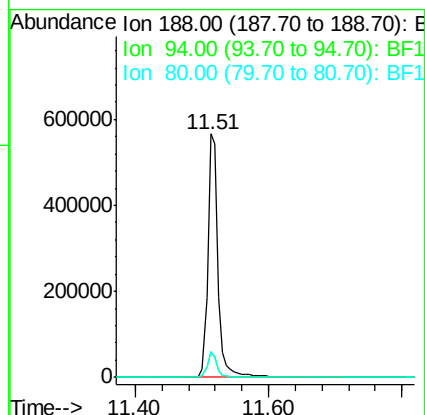
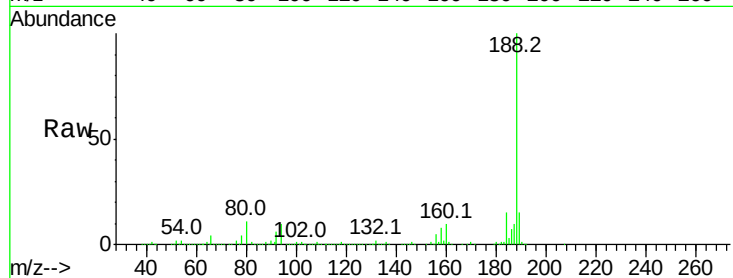




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107610.D
Acq: 24 Jul 2018 9:12

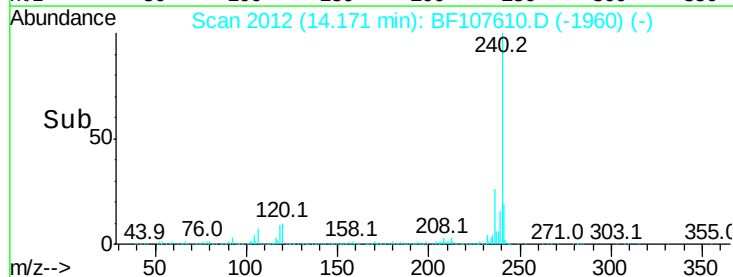
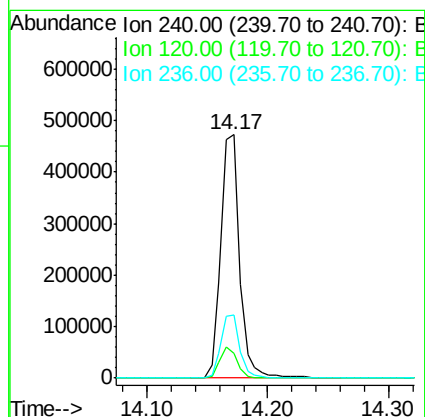
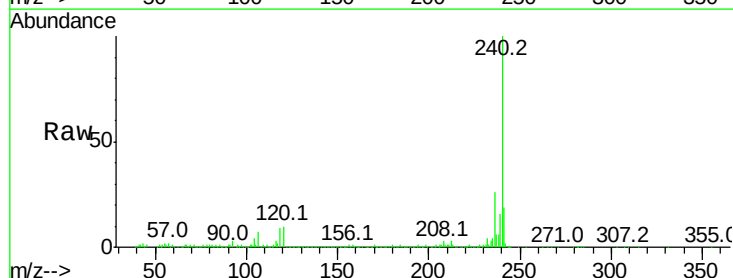
Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-12

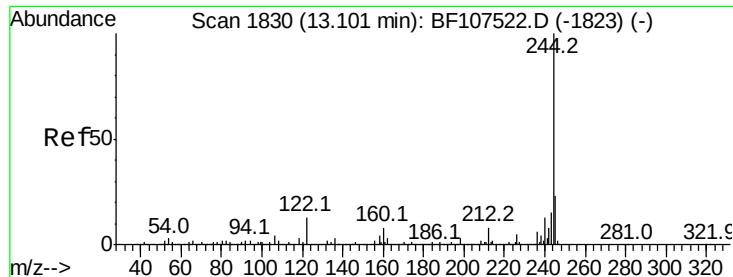
Tot Ion:188 Resp: 597245
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107610.D
Acq: 24 Jul 2018 9:12

Tgt Ion:240 Resp: 506029
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 63.267 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107610.D

Acq: 24 Jul 2018 9:12

Instrument :

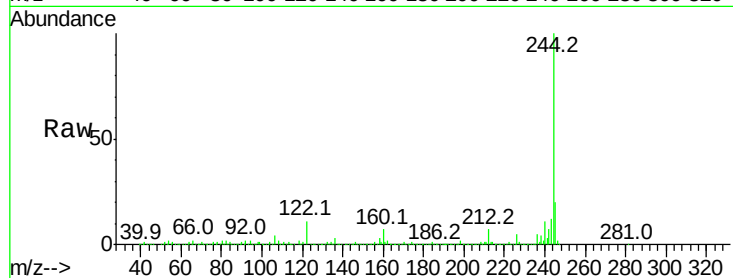
BNA_F

ClientSampleId :

DPC-81753-FB-12

Tot Ion:244 Resp: 1250541

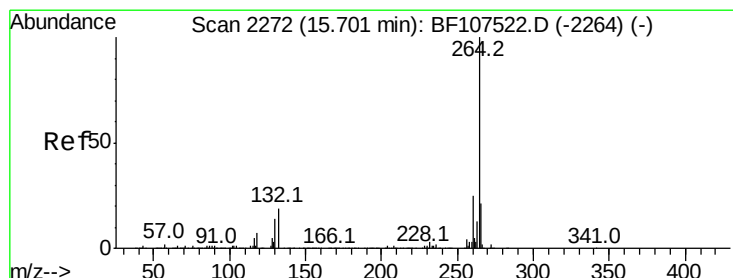
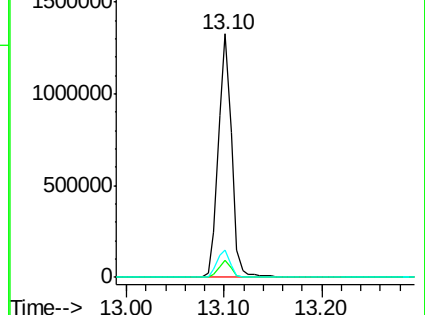
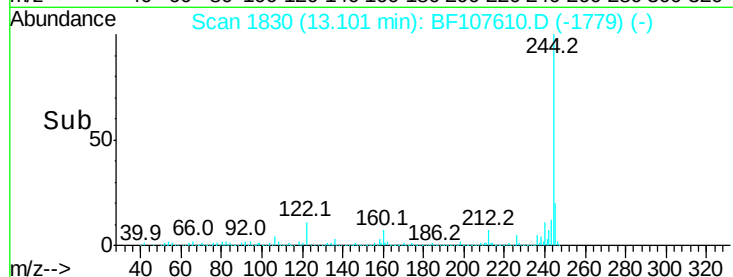
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

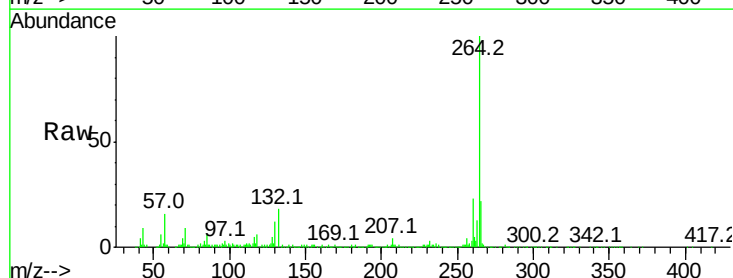
Delta R.T. 0.01 min

Lab File: BF107610.D

Acq: 24 Jul 2018 9:12

Tgt Ion:264 Resp: 378389

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	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

