

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107651.D
 Acq On : 25 Jul 2018 12:38
 Operator : JU/SJ
 Sample : J4101-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jul 25 14:17:57 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

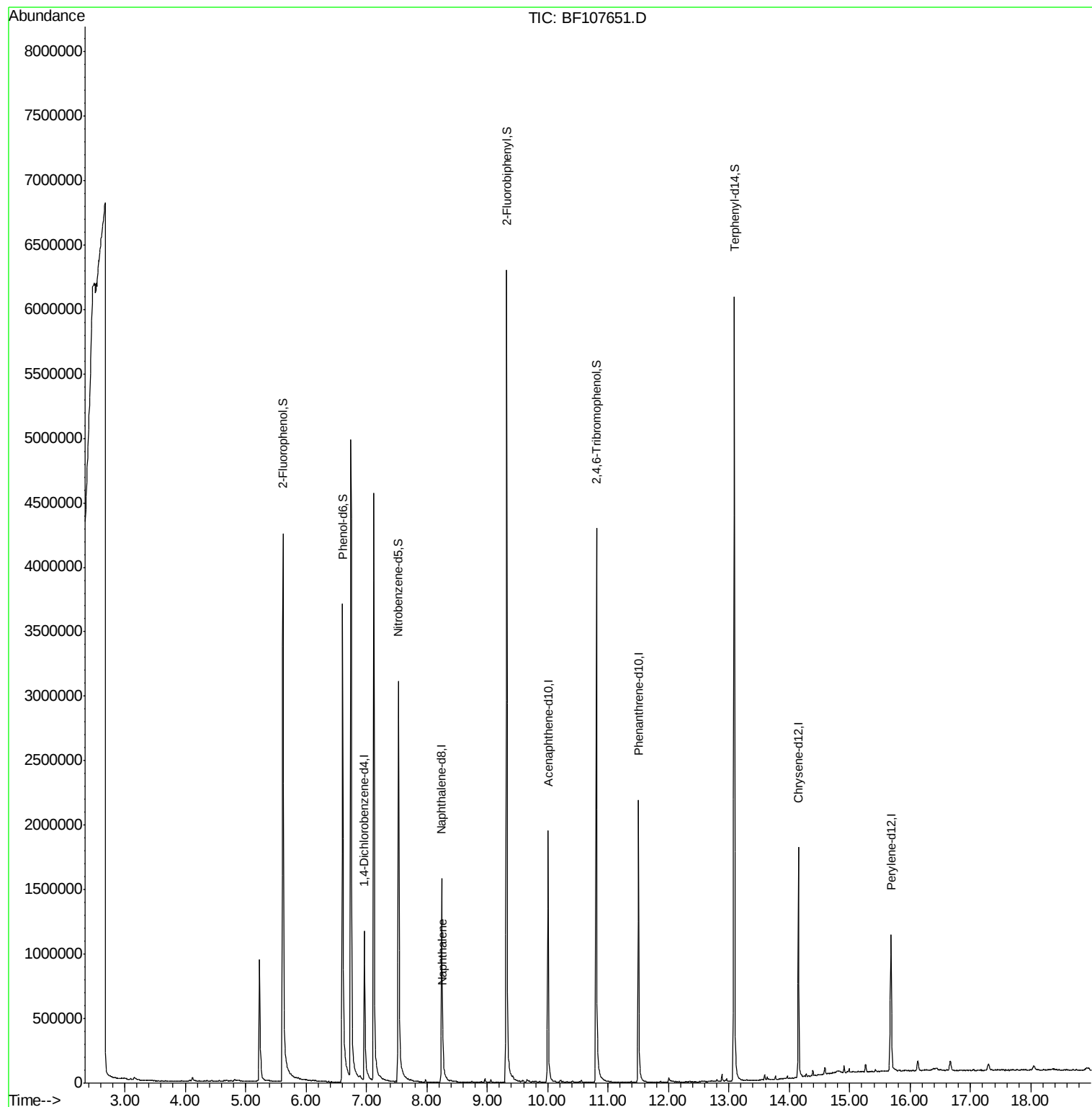
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	242506	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	957928	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	441013	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	933543	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	740850	20.00	ng	-0.01
86) Perylene-d12	15.68	264	598001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1647288	109.21	ng	0.01
7) Phenol-d6	6.61	99	1878626	103.73	ng	0.00
23) Nitrobenzene-d5	7.53	82	1454957	102.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	749099	149.37	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2550014	105.77	ng	-0.01
78) Terphenyl-d14	13.09	244	2774855	95.89	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	117821	2.797	ng	Qvalue 97

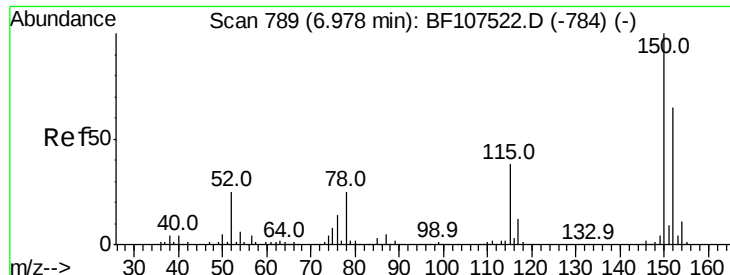
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107651.D
Acq On : 25 Jul 2018 12:38
Operator : JU/SJ
Sample : J4101-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Jul 25 14:17:57 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



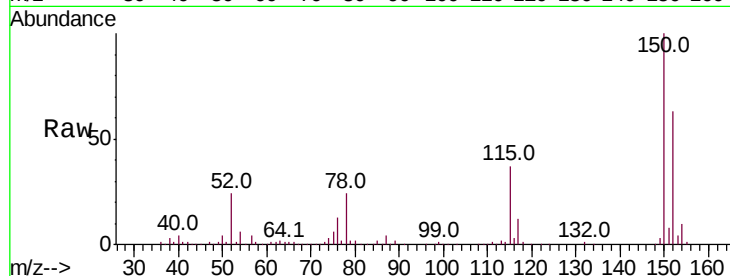


#1

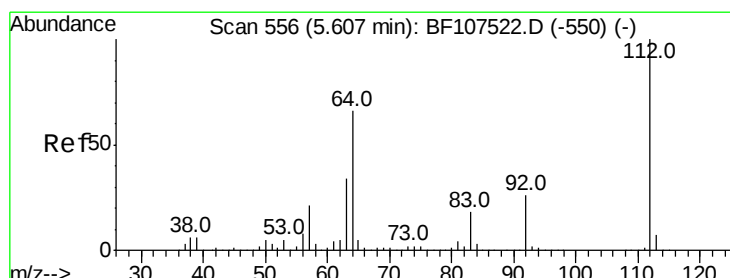
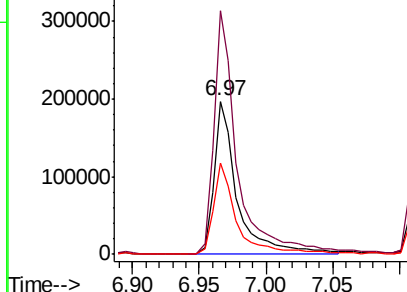
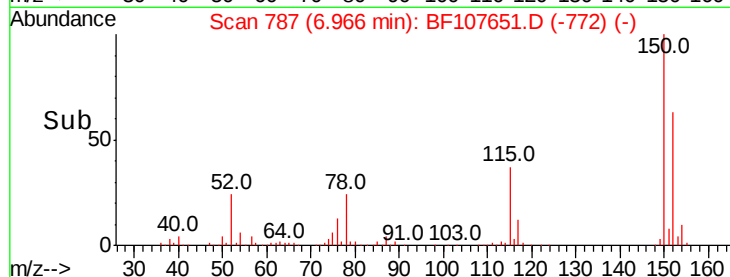
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107651.D
Acq: 25 Jul 2018 12:38

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 242506
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.3 50.1 75.1



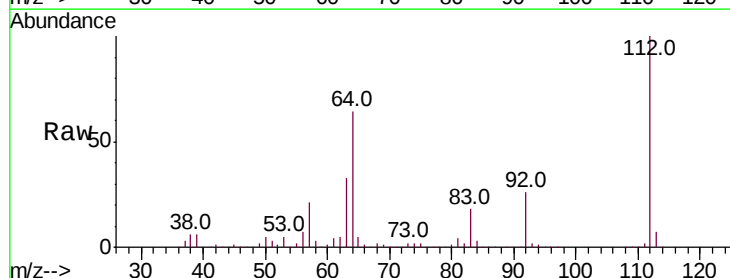
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



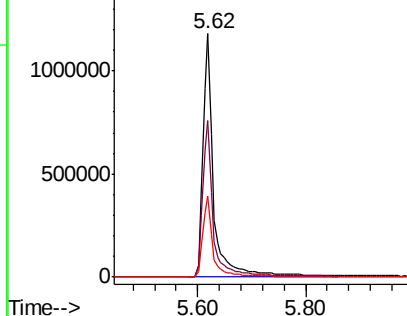
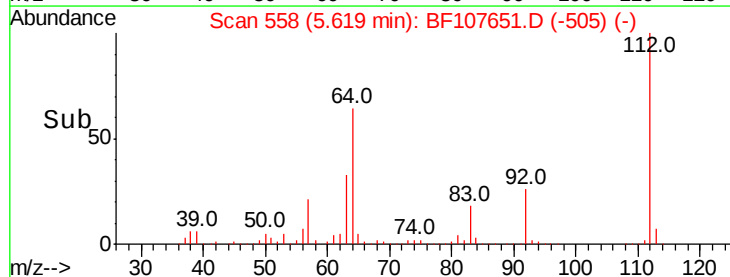
#5

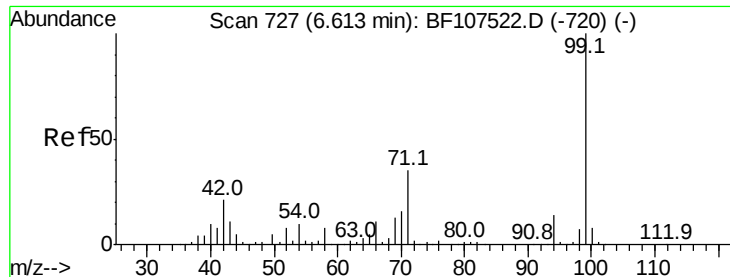
2-Fluorophenol
Concen: 109.215 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107651.D
Acq: 25 Jul 2018 12:38

Tgt Ion:112 Resp: 1647288
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 33.1 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: 103.730 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107651.D

Acq: 25 Jul 2018 12:38

Instrument :

BNA_F

ClientSampleId :

TP-2

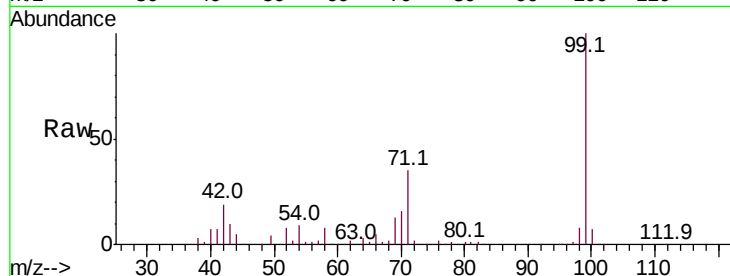
Tot Ion: 99 Resp: 1878626

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	35.4	25.4	38.0

99 100

42 18.8 14.5 21.7

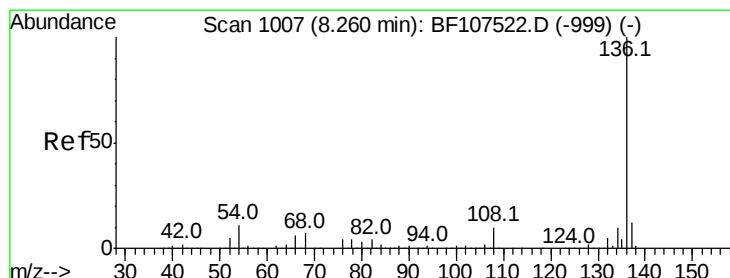
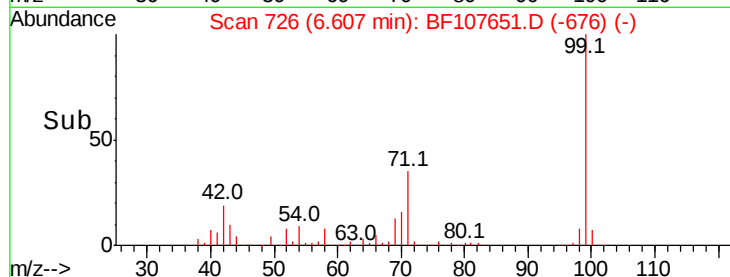
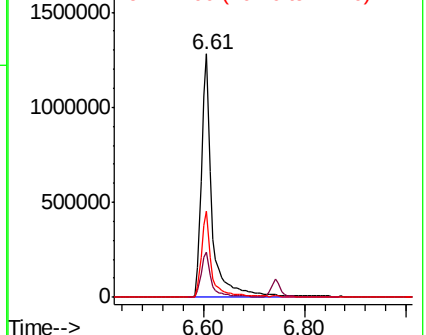
71 35.4 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107651.D

Acq: 25 Jul 2018 12:38

Tgt Ion: 136 Resp: 957928

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	5.6	5.0	7.4

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

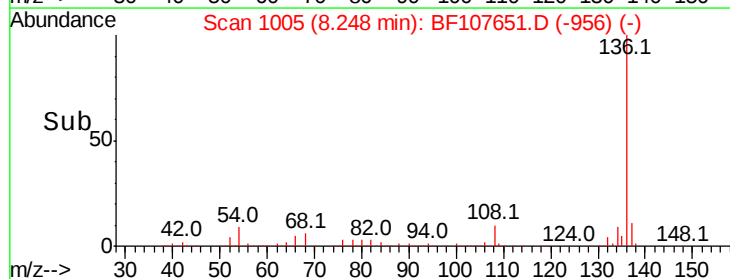
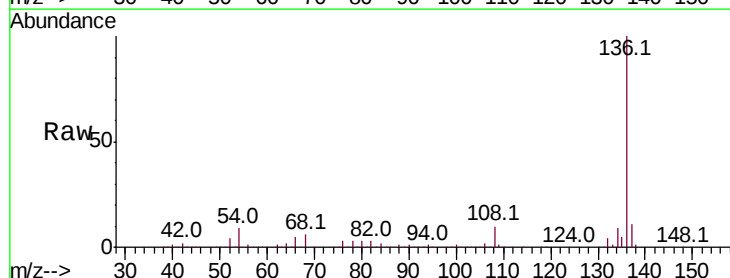
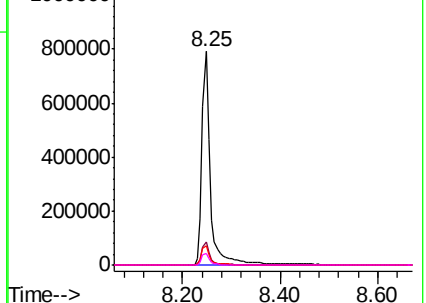
68 5.6 5.0 7.4

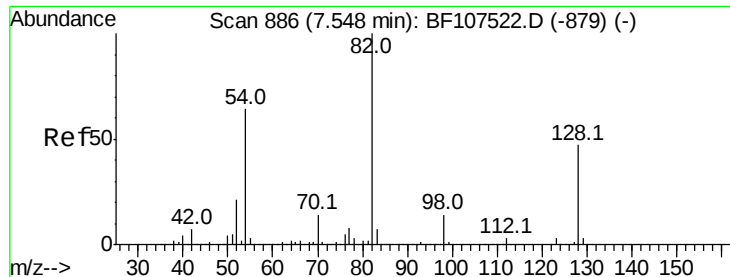
Abundance Ion 136.00 (135.70 to 136.70): E

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

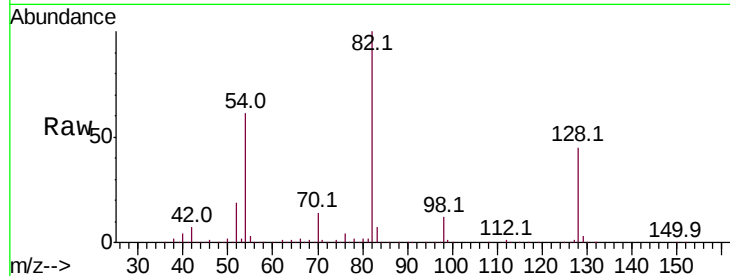




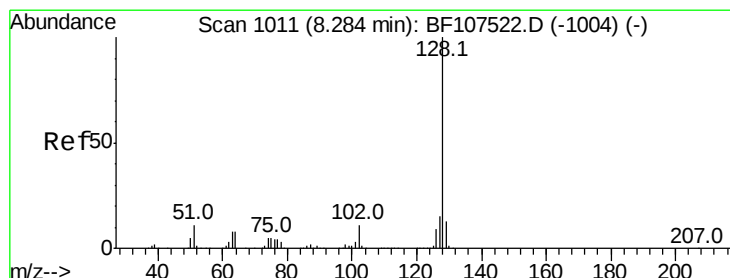
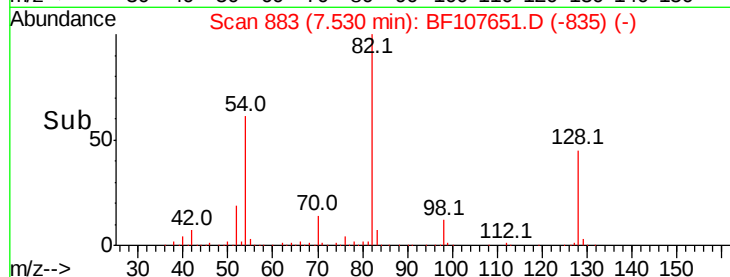
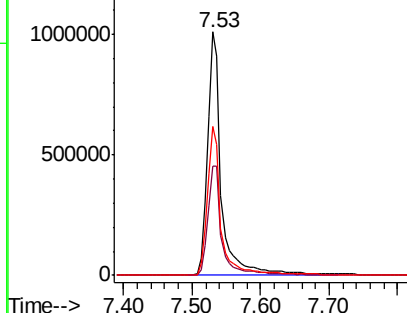
#23
Nitrobenzene-d5
Concen: 102.504 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107651.D
Acq: 25 Jul 2018 12:38

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion: 82 Resp: 1454957
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 61.1 41.4 62.2

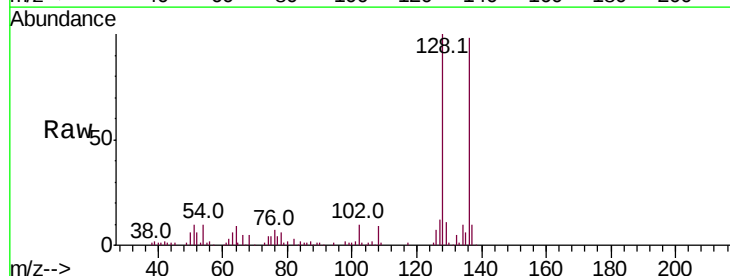


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

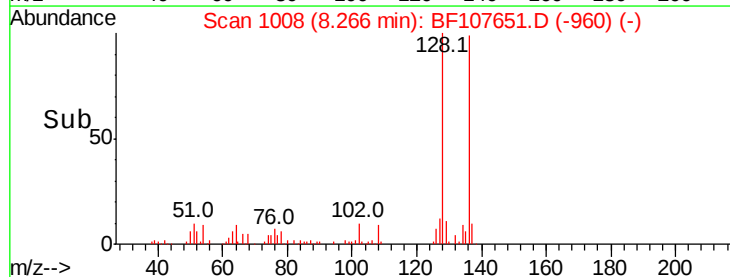
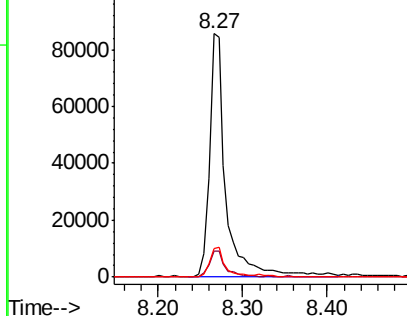


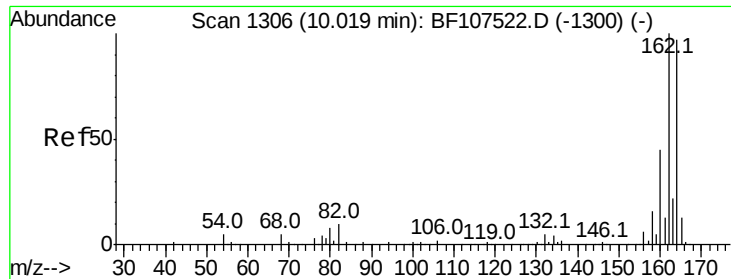
#31
Naphthalene
Concen: 2.797 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107651.D
Acq: 25 Jul 2018 12:38

Tgt Ion:128 Resp: 117821
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 11.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

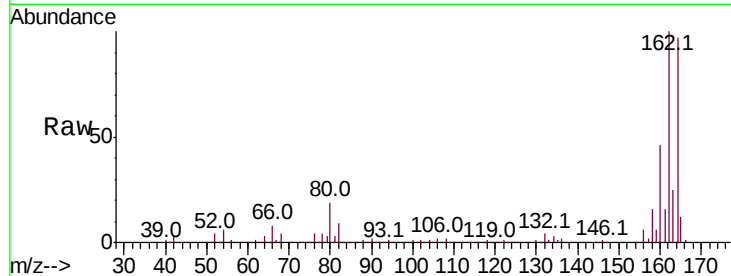




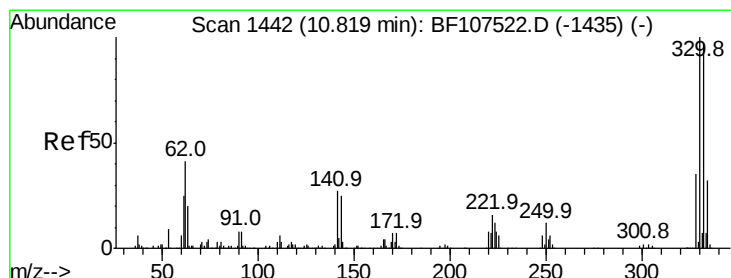
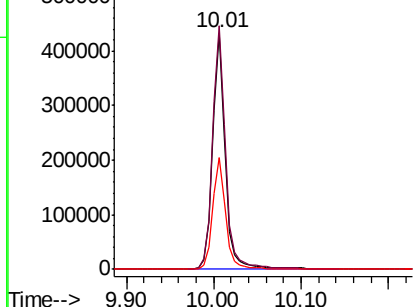
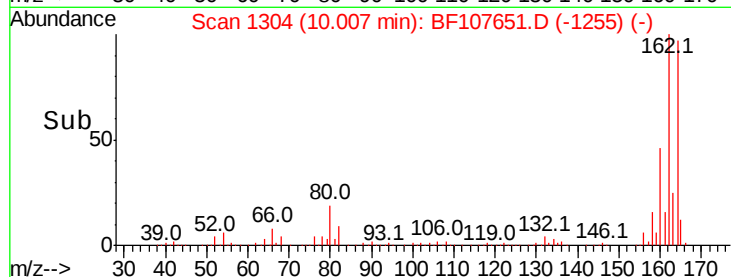
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107651.D
 Acq: 25 Jul 2018 12:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:164 Resp: 441013
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 47.2 38.3 57.5

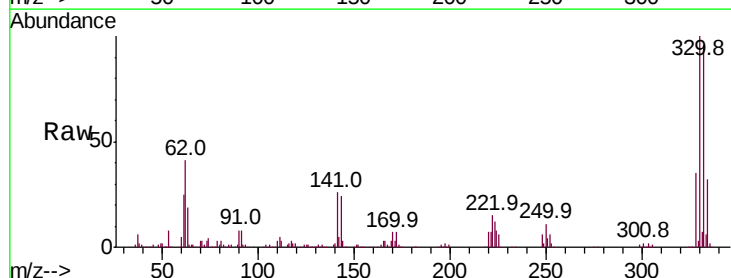


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

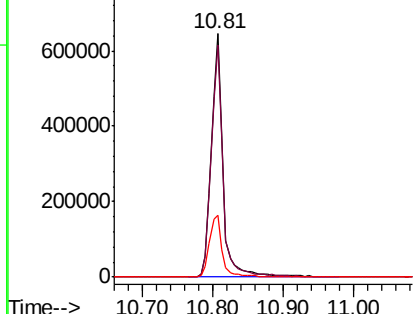
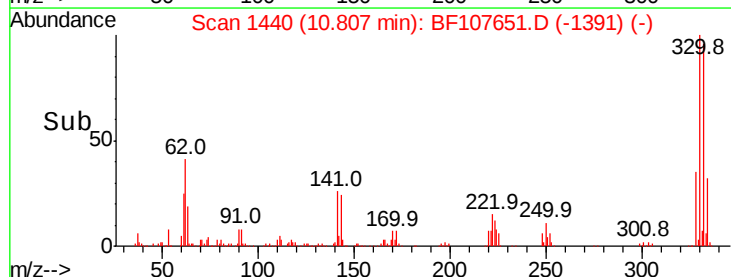


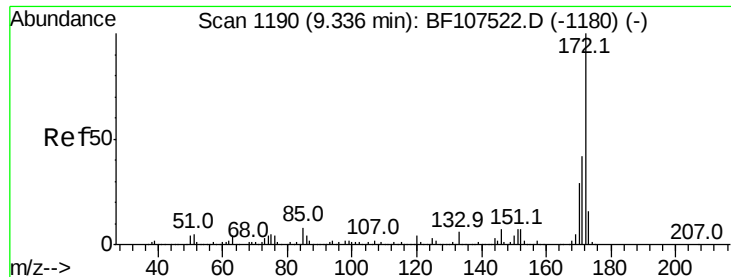
#41
 2,4,6-Tribromophenol
 Concen: 149.371 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107651.D
 Acq: 25 Jul 2018 12:38

Tgt Ion:330 Resp: 749099
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 28.0 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

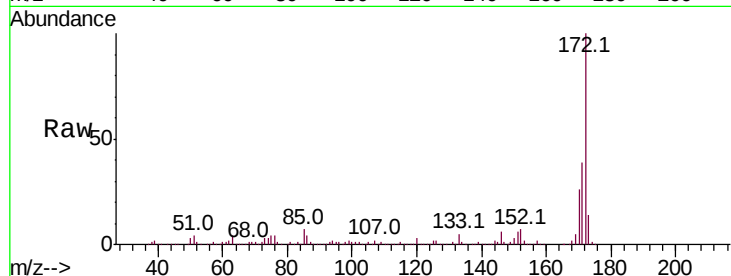




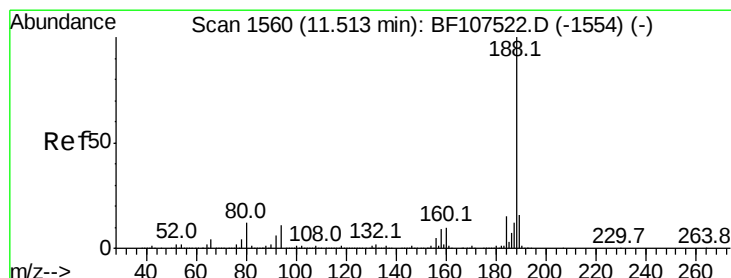
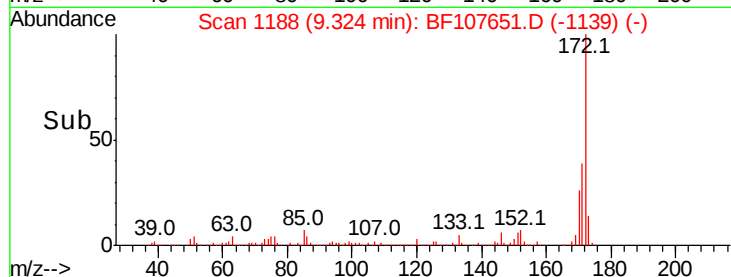
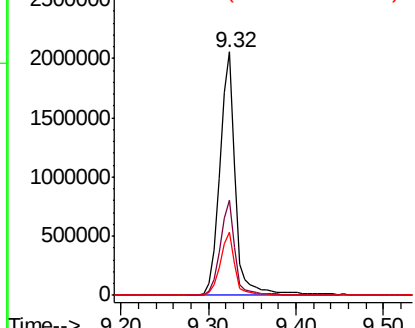
#44
 2-Fluorobiphenyl
 Concen: 105.769 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107651.D
 Acq: 25 Jul 2018 12:38

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion:172 Resp: 2550014
 Ion Ratio Lower Upper
 172 100
 171 39.2 29.7 44.5
 170 26.0 19.6 29.4

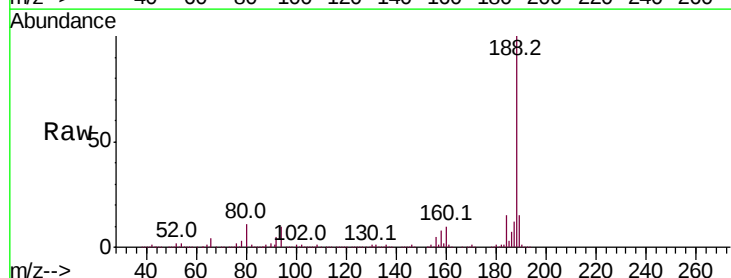


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

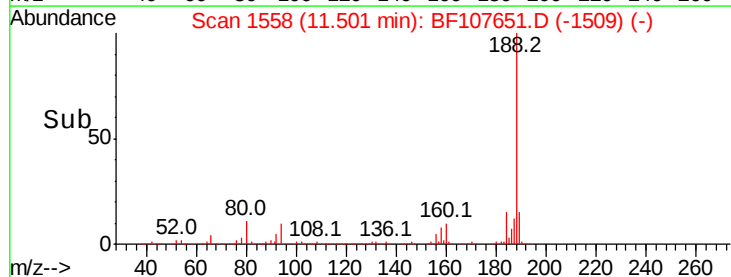
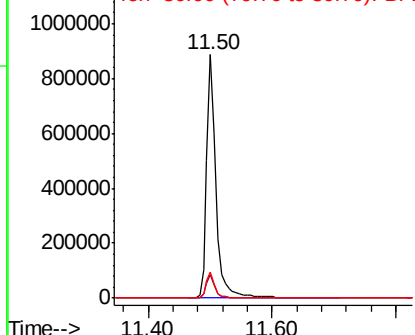


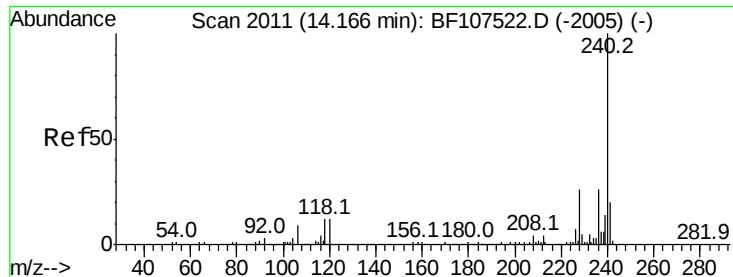
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107651.D
 Acq: 25 Jul 2018 12:38

Tgt Ion:188 Resp: 933543
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.8 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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107651.D

Acq: 25 Jul 2018 12:38

Instrument :

BNA_F

ClientSampleId :

TP-2

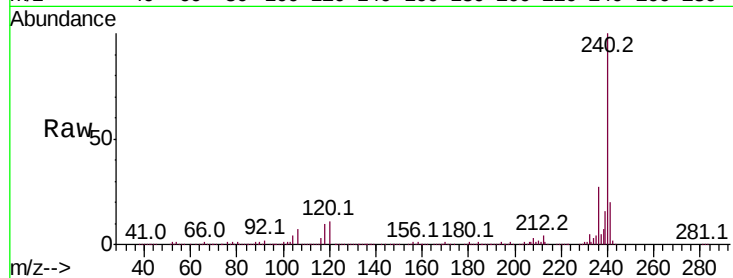
Tot Ion:240 Resp: 740850

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

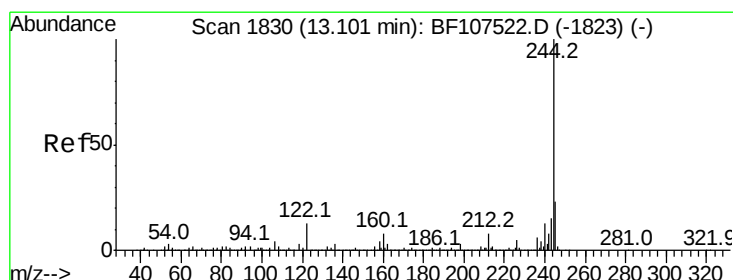
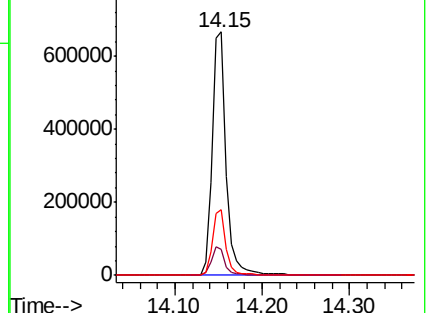
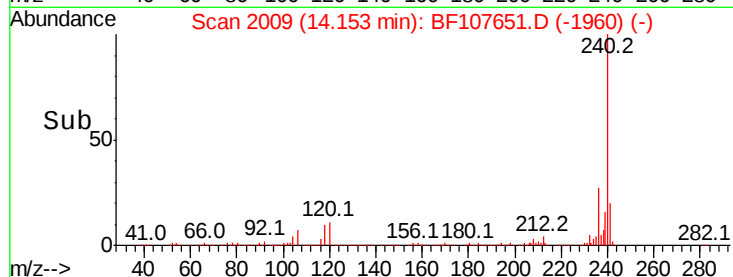
236 26.9 20.7 31.1



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: 95.888 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107651.D

Acq: 25 Jul 2018 12:38

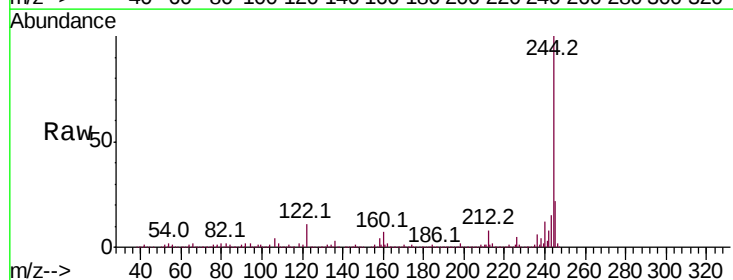
Tgt Ion:244 Resp: 2774855

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

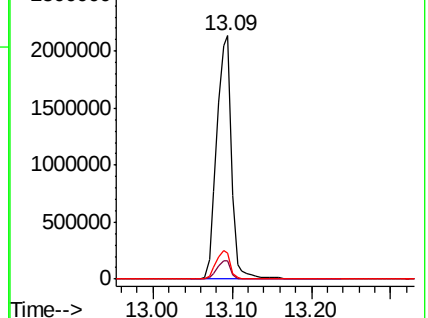
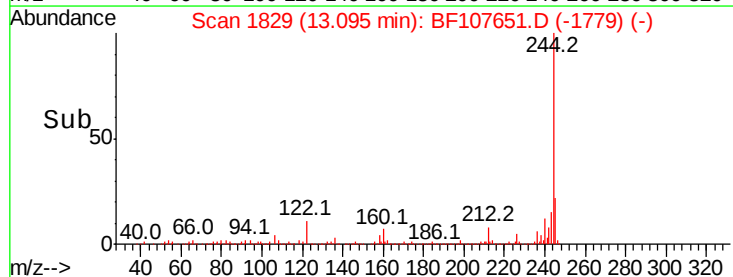
122 10.8 11.0 16.4#

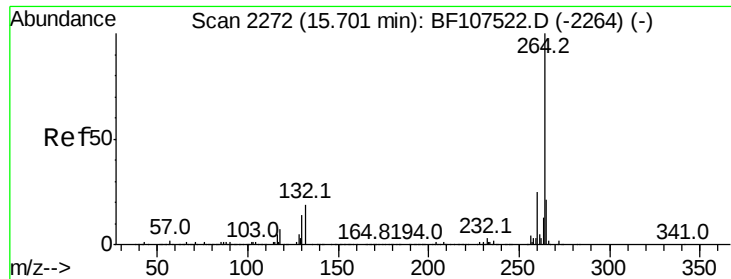


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF107651.D
 Acq: 25 Jul 2018 12:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:264 Resp: 598001
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.6 17.5 26.3

