

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107531.D
 Acq On : 20 Jul 2018 18:45
 Operator : JU/SJ
 Sample : PB111220BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Quant Time: Jul 20 23:46:42 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	312234	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1215662	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	562102	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1169773	20.00	ng	0.00
75) Chrysene-d12	14.15	240	1012926	20.00	ng	-0.01
86) Perylene-d12	15.69	264	826180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2016861	103.86	ng	0.00
7) Phenol-d6	6.61	99	2436879	104.51	ng	0.00
23) Nitrobenzene-d5	7.54	82	1486709	82.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	739153	115.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2656798	79.53	ng	0.00
78) Terphenyl-d14	13.10	244	2994425	75.68	ng	0.00

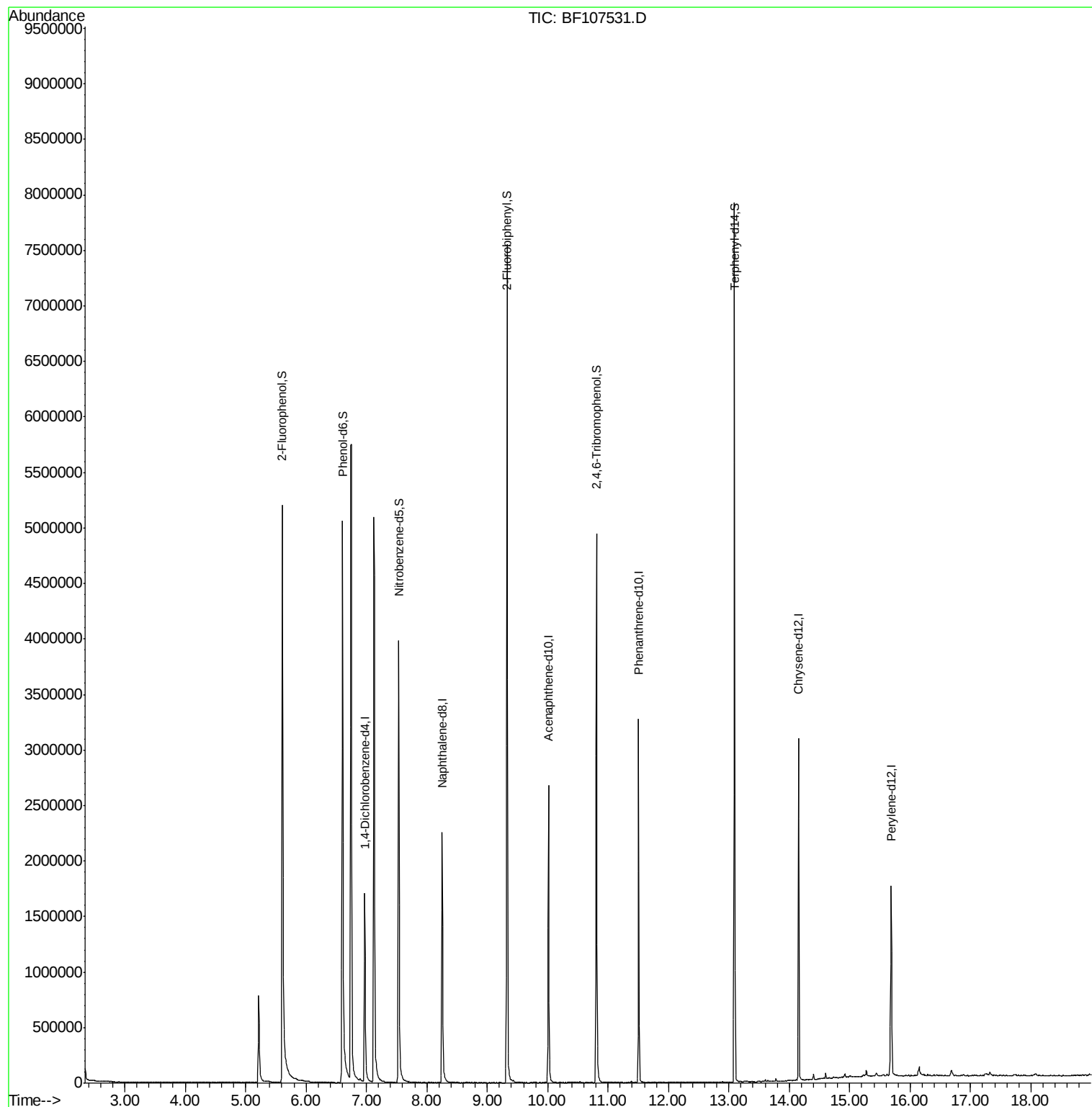
Target Compounds Qvalue

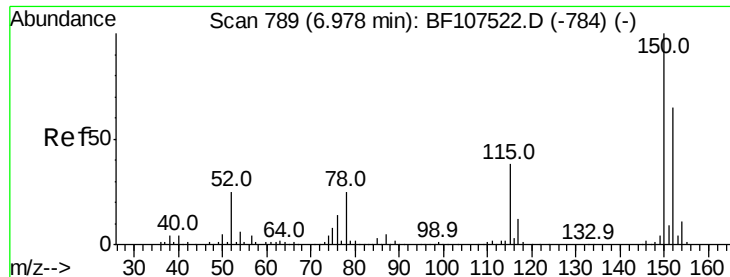
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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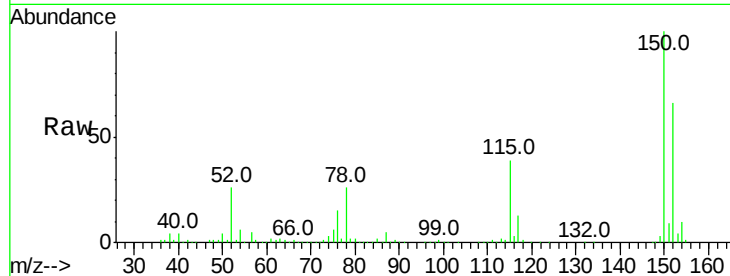


#1

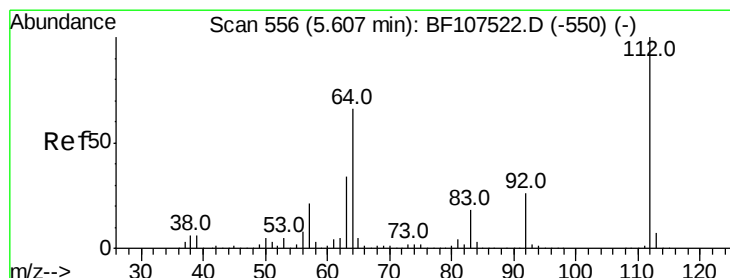
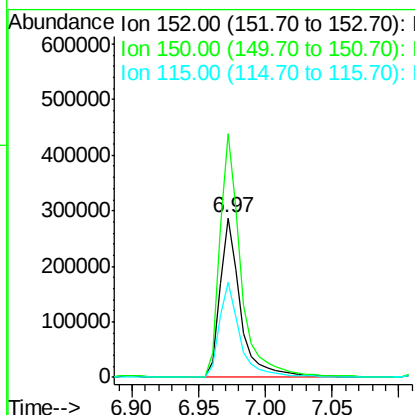
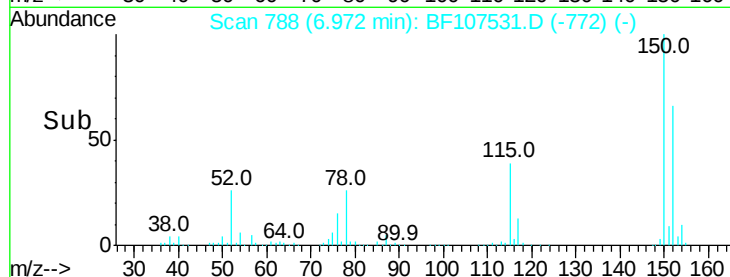
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Tot Ion:152 Resp: 312234
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 186.8
 115 59.4 50.1 75.1



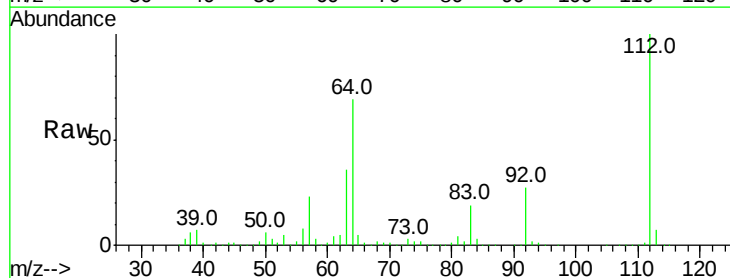
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



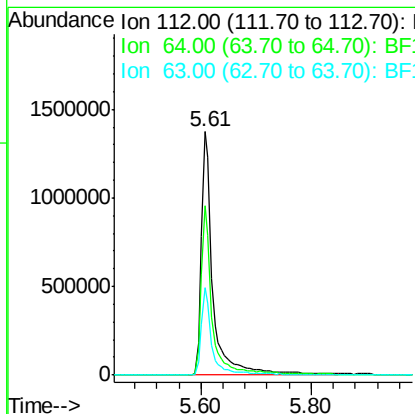
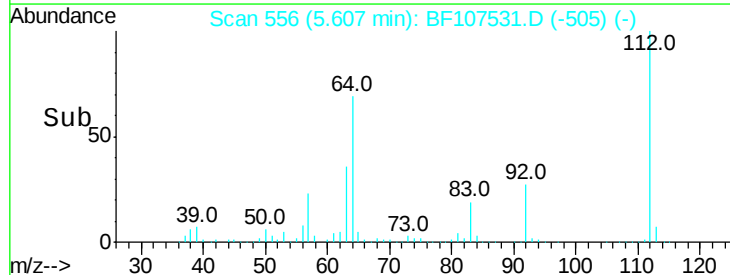
#5

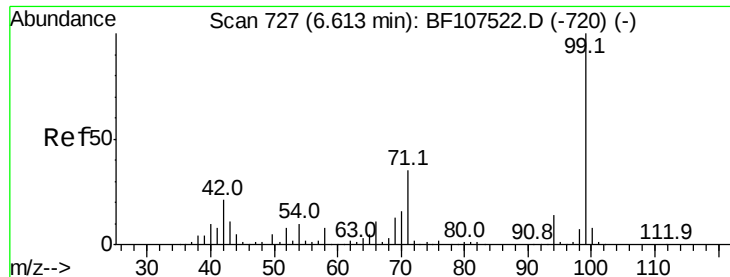
2-Fluorophenol
 Concen: 103.856 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:112 Resp: 2016861
 Ion Ratio Lower Upper
 112 100
 64 69.4 47.9 71.9
 63 36.0 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: 104.506 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

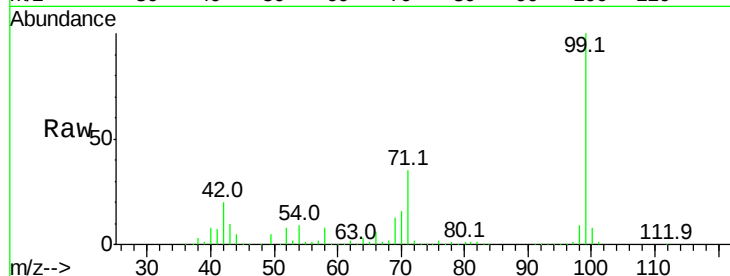
Tot Ion: 99 Resp: 2436879

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

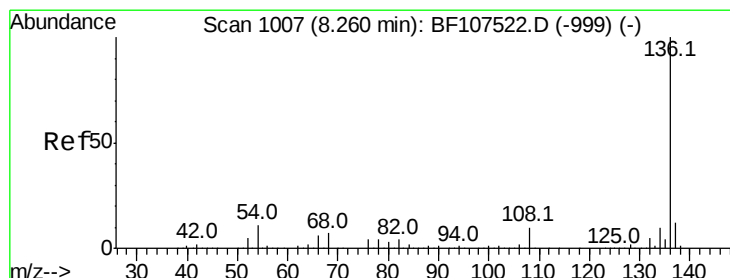
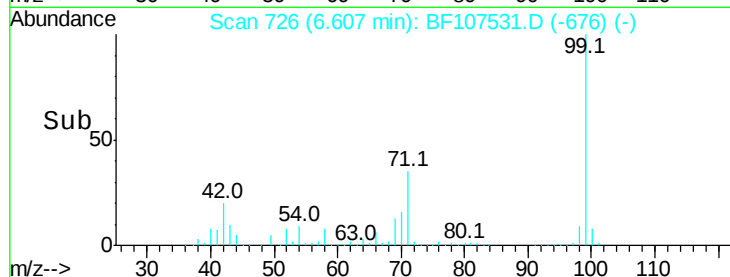
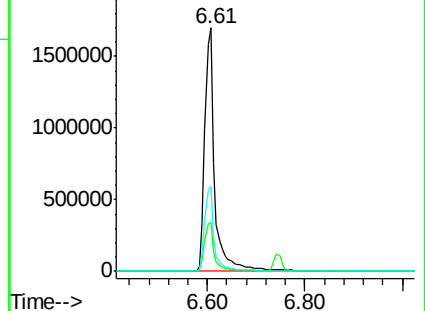
71 34.9 25.4 38.0



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# 1006

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Tgt Ion:136 Resp: 1215662

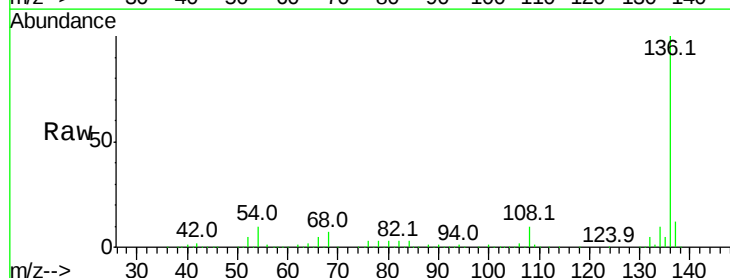
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 10.3 6.6 9.8#

68 6.7 5.0 7.4

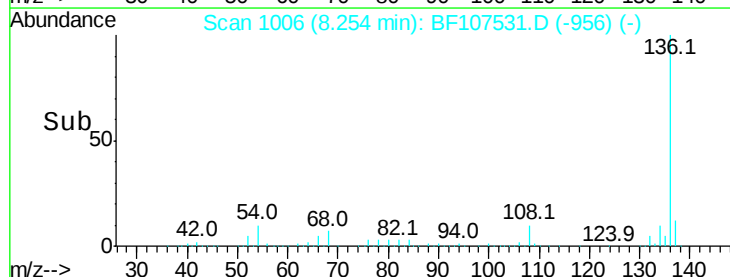
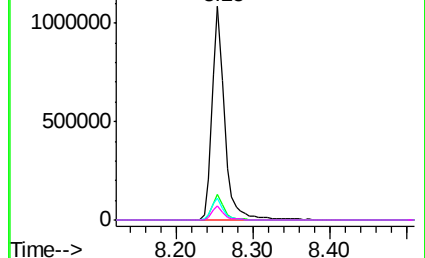


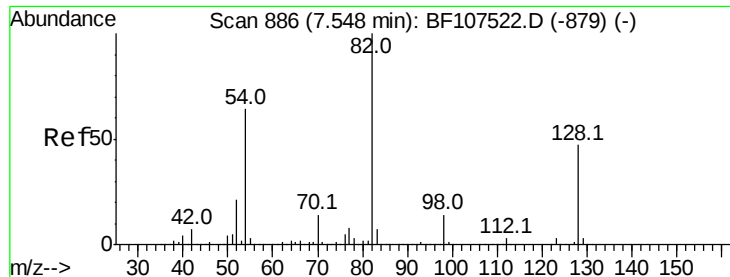
Abundance Ion 136.00 (135.70 to 136.70): E

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

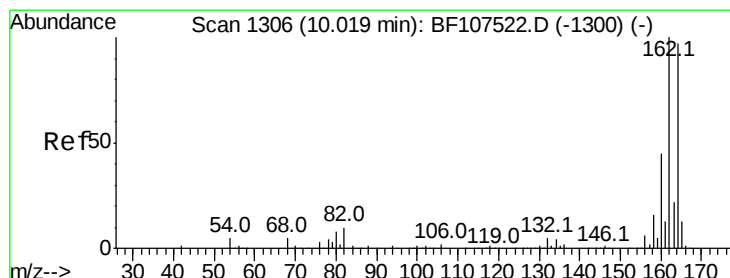
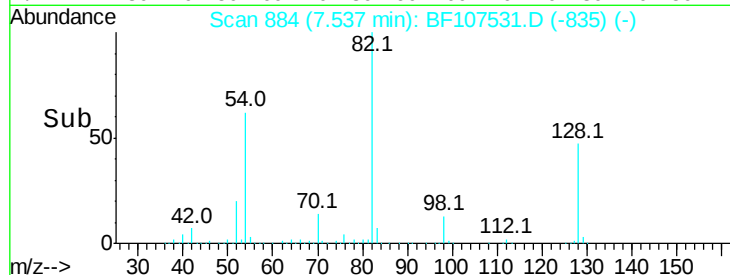
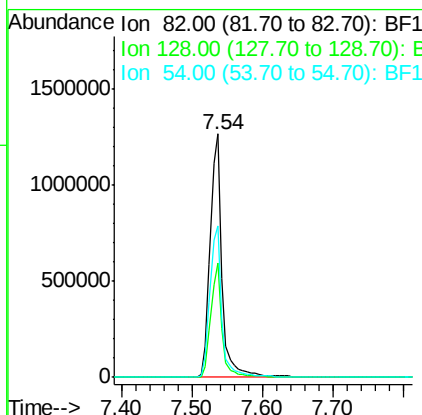
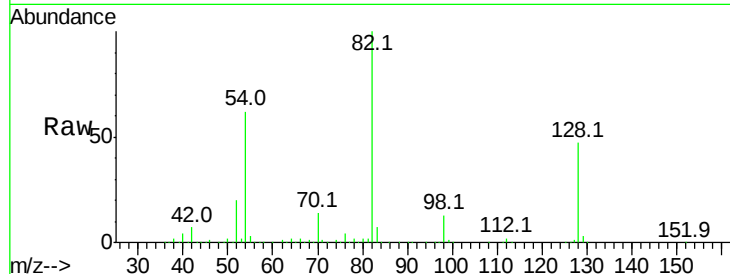




#23
Nitrobenzene-d5
Concen: 82.535 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

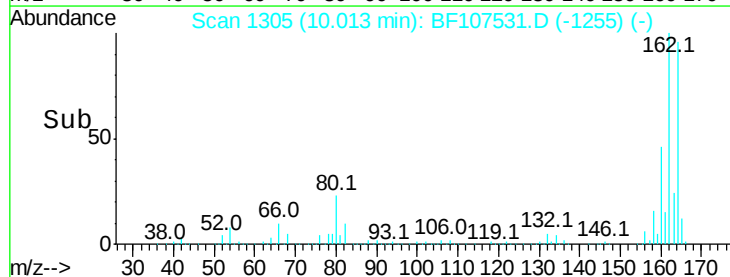
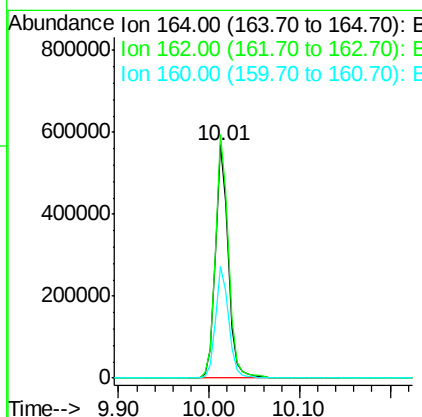
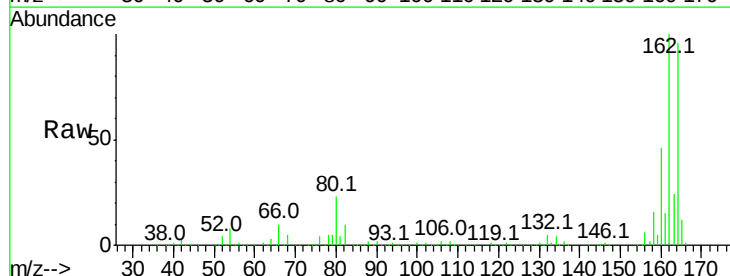
Instrument :
BNA_F
ClientSampleId :
PB111220BL

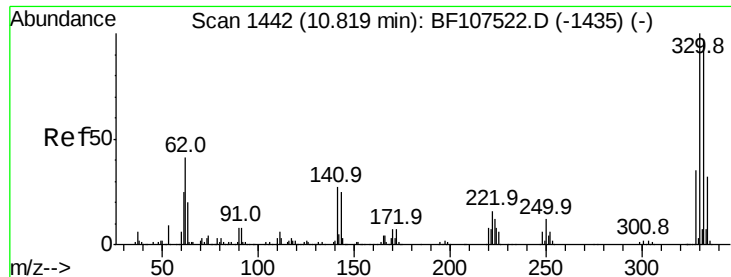
Tot Ion: 82 Resp: 1486709
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 62.4 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:164 Resp: 562102
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 48.0 38.3 57.5

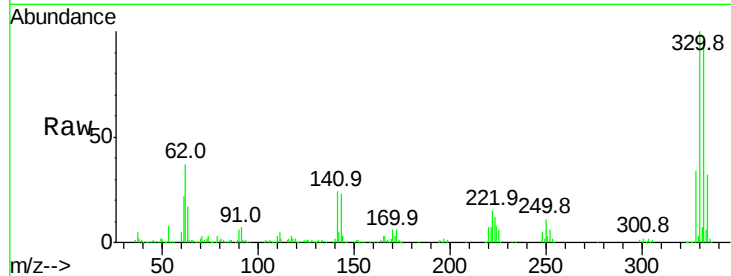




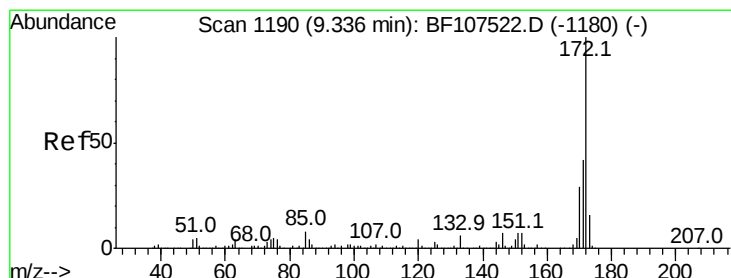
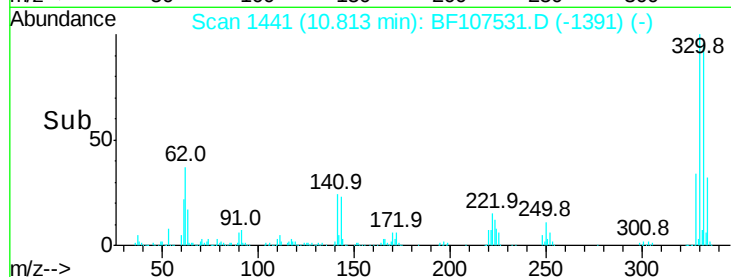
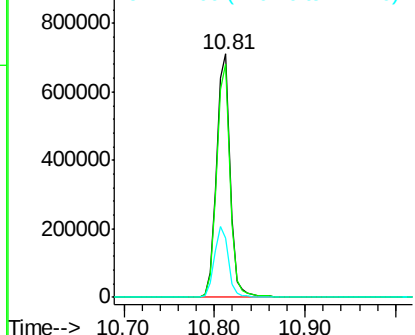
#41
 2,4,6-Tribromophenol
 Concen: 115.638 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Tot Ion:330 Resp: 739153
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 30.3 29.9 44.9

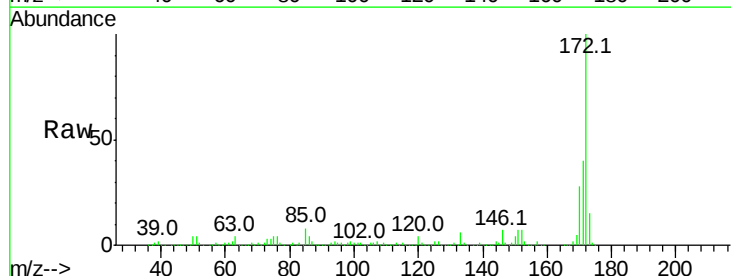


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

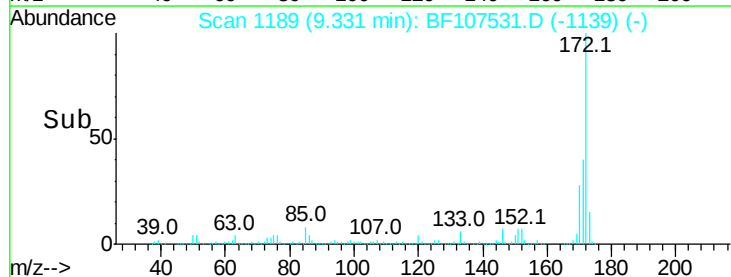
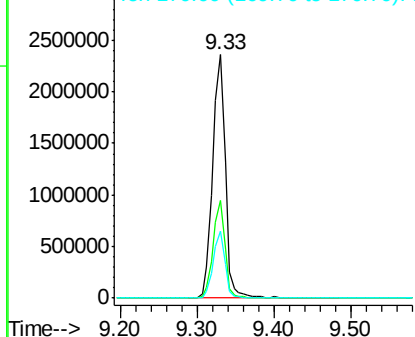


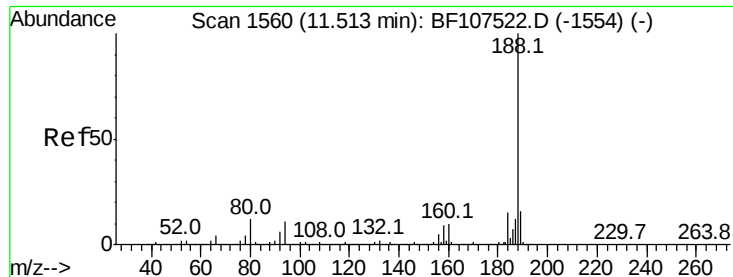
#44
 2-Fluorobiphenyl
 Concen: 79.526 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:172 Resp: 2656798
 Ion Ratio Lower Upper
 172 100
 171 40.3 29.7 44.5
 170 27.7 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

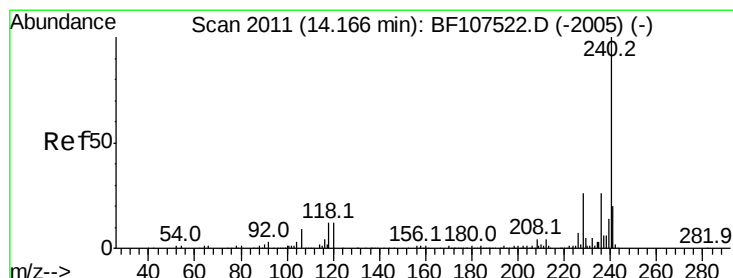
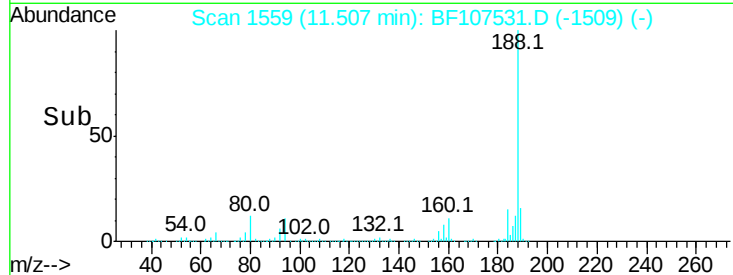
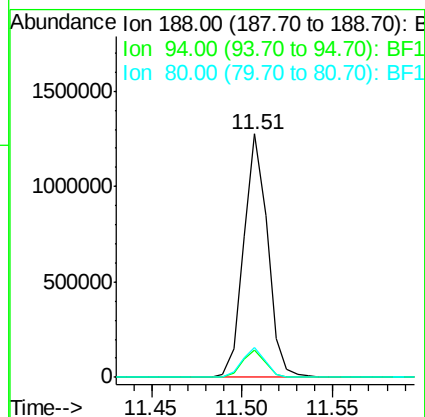
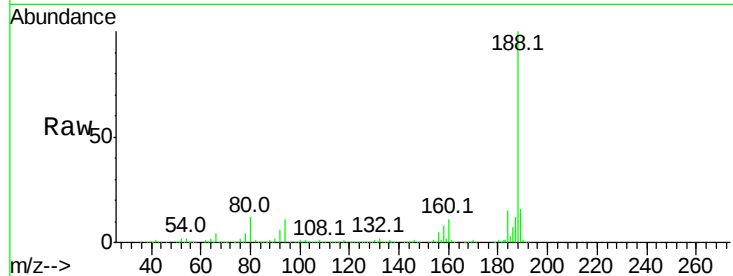




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

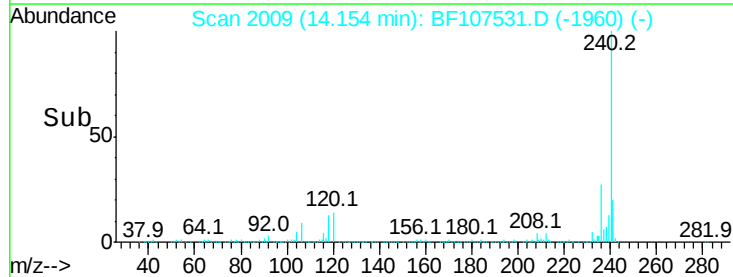
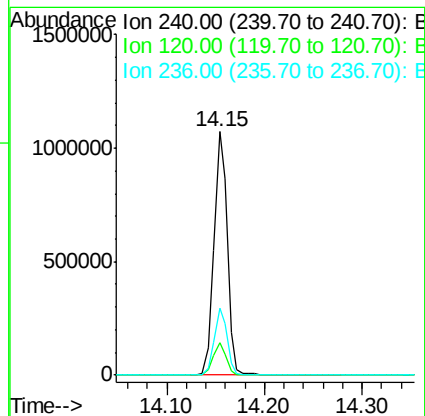
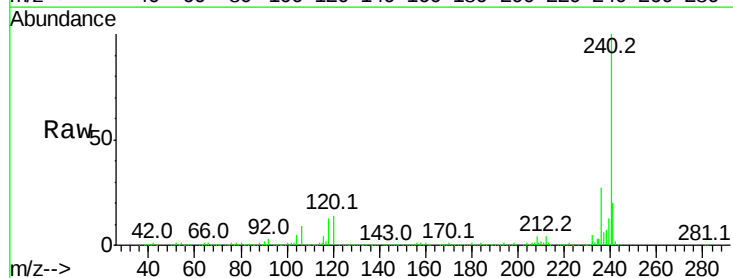
Instrument :
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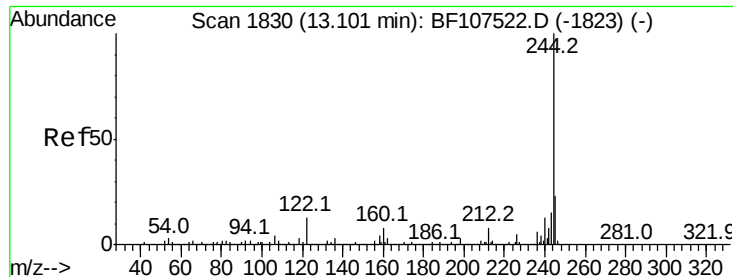
Tot Ion:188 Resp: 1169773
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:240 Resp: 1012926
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 27.3 20.7 31.1





#78

Terphenyl-d14

Concen: 75.682 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

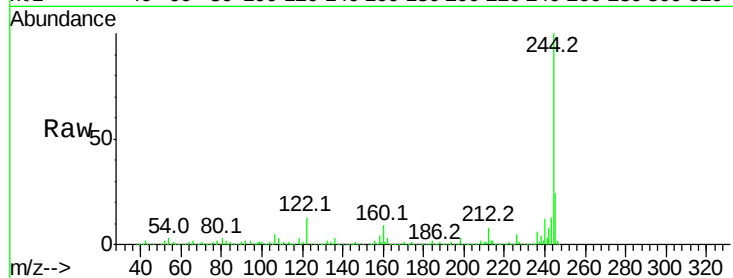
Tot Ion:244 Resp: 2994425

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

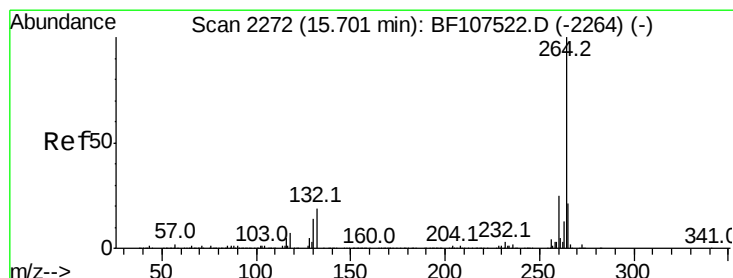
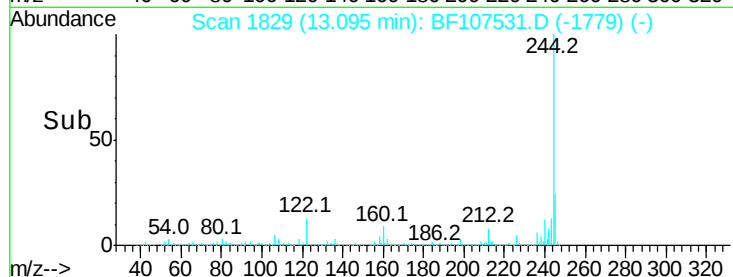
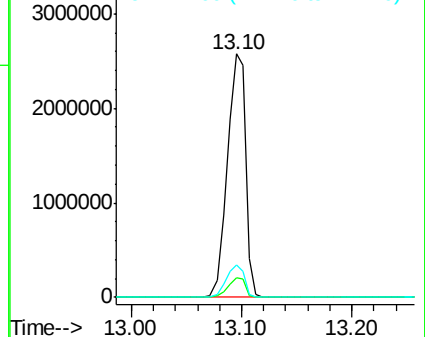
122 13.4 11.0 16.4



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: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

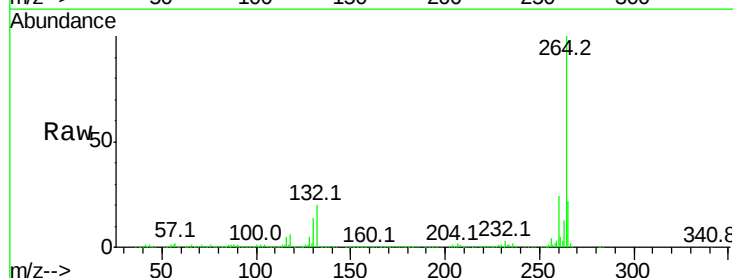
Tgt Ion:264 Resp: 826180

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.1 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

