

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107164.D
 Acq On : 6 Jul 2018 10:31
 Operator : JU/SJ
 Sample : PB110854BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BL

Quant Time: Jul 06 11:29:29 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	60682	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	222837	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97133	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	158617	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	162308	20.00	ng	-0.04
86) Perylene-d12	15.67	264	111856	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	304329	84.92	ng	-0.01
7) Phenol-d6	6.59	99	370542	82.80	ng	-0.02
23) Nitrobenzene-d5	7.51	82	338671	84.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	83042	73.76	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	596658	107.96	ng	-0.02
78) Terphenyl-d14	13.07	244	580016	86.56	ng	-0.02

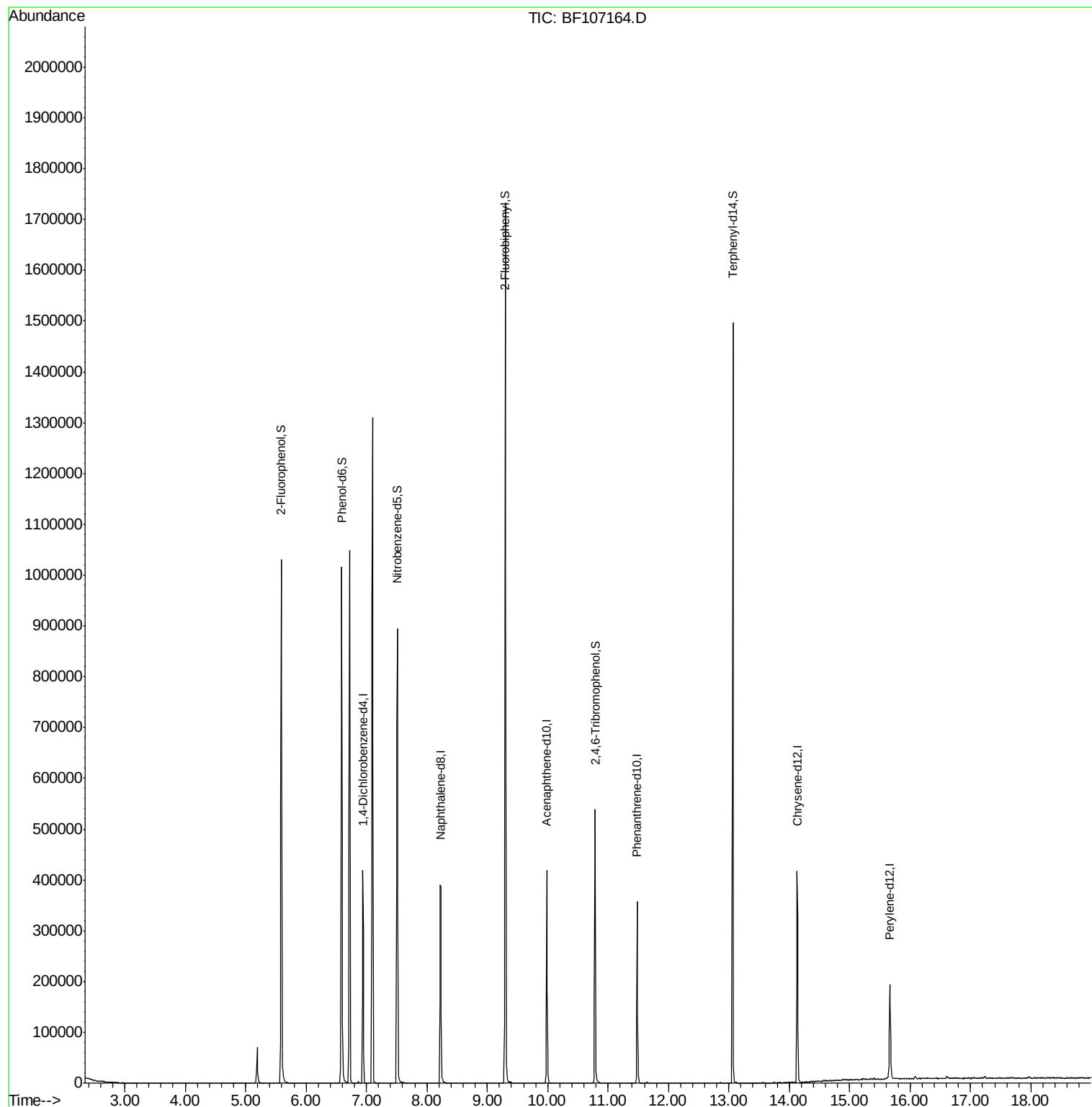
Target Compounds Qvalue

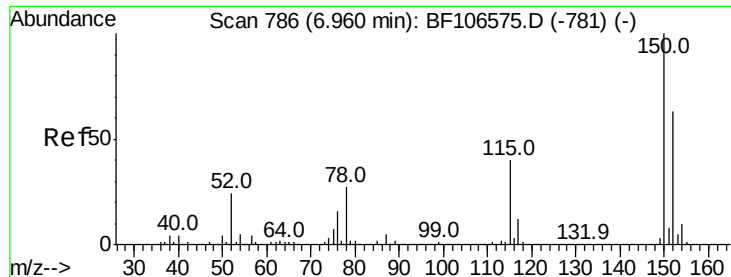
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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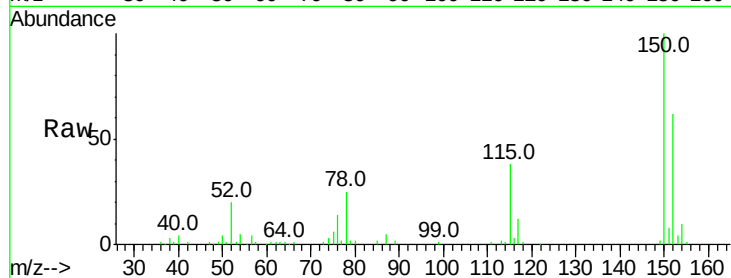


#1

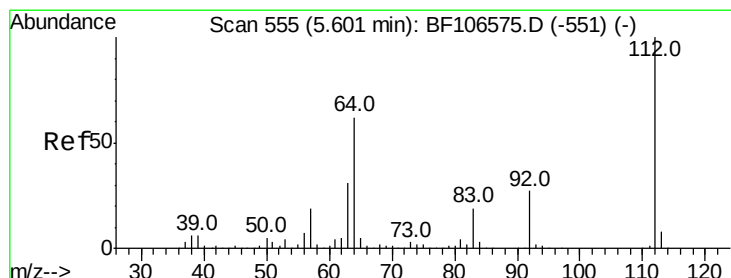
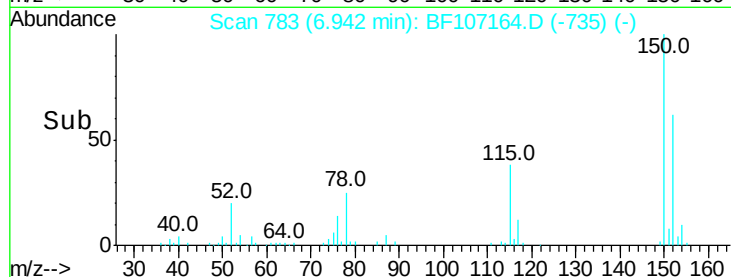
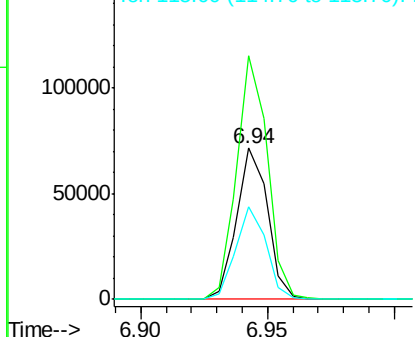
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB110854BL

Tot Ion:152 Resp: 60682
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 61.6 50.1 75.1



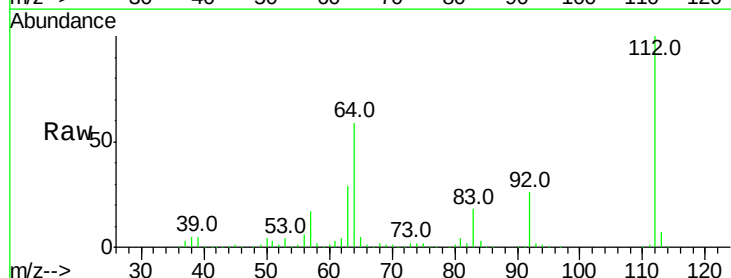
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



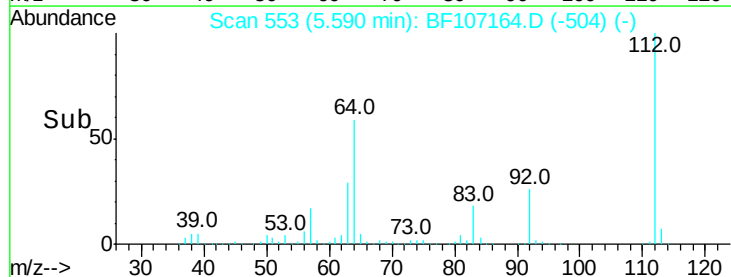
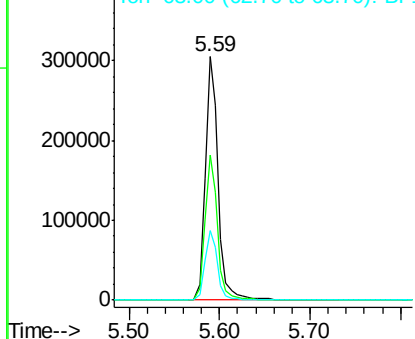
#5

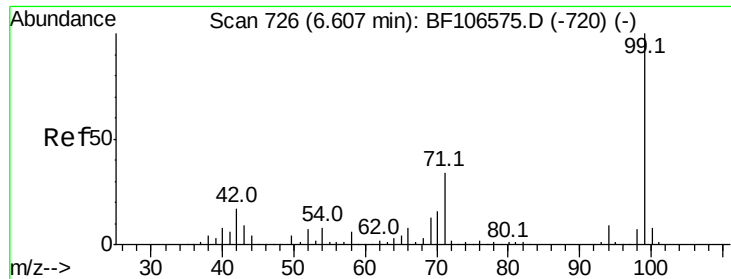
2-Fluorophenol
Concen: 84.922 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107164.D
Acq: 6 Jul 2018 10:31

Tgt Ion:112 Resp: 304329
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 28.8 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: 82.798 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB110854BL

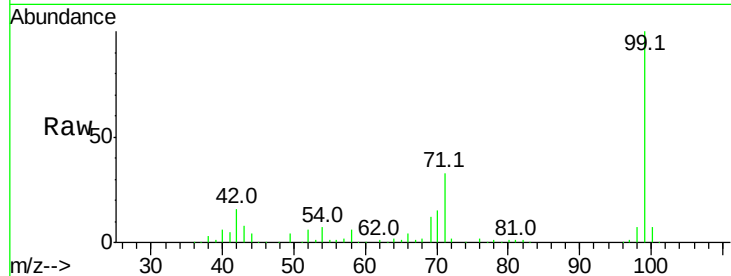
Tot Ion: 99 Resp: 370542

Ion Ratio Lower Upper

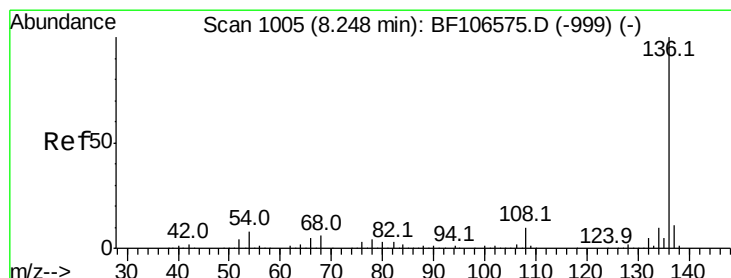
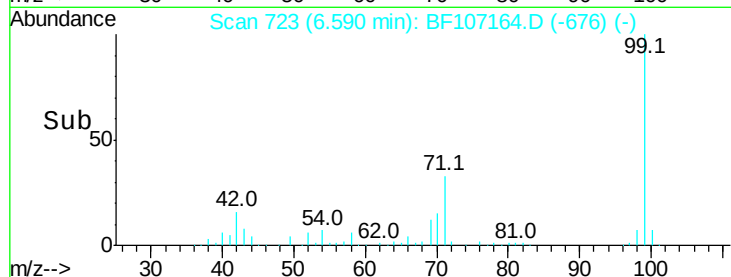
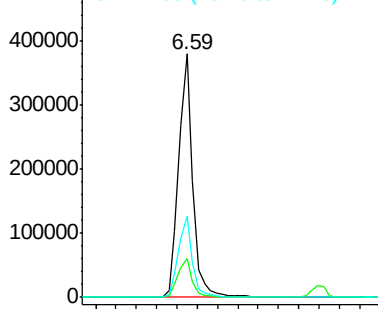
99 100

42 16.0 14.5 21.7

71 33.2 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: BF107164.D

Acq: 6 Jul 2018 10:31

Tgt Ion: 136 Resp: 222837

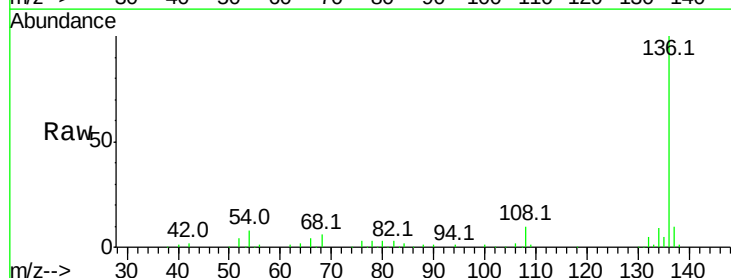
Ion Ratio Lower Upper

136 100

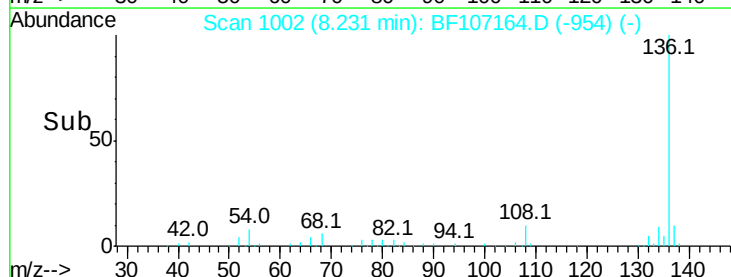
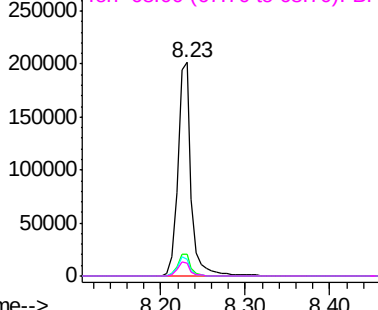
137 10.3 8.9 13.3

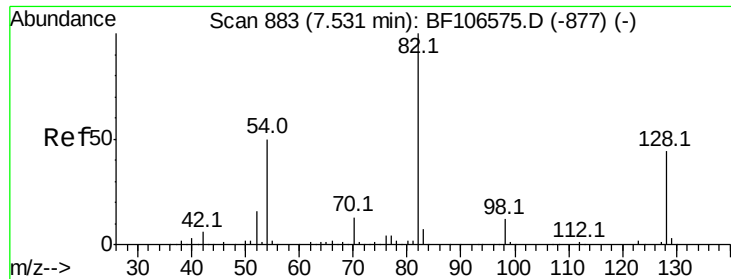
54 7.6 6.6 9.8

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: 84.461 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107164.D

Acq: 6 Jul 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB110854BL

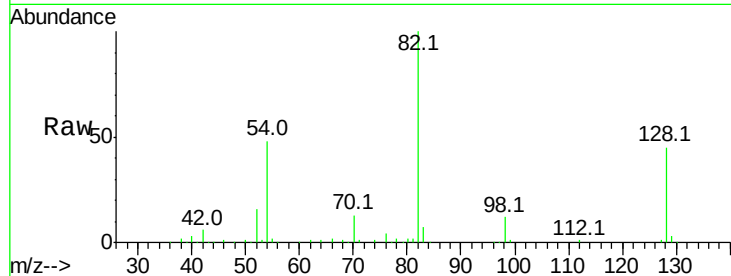
Tot Ion: 82 Resp: 338671

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

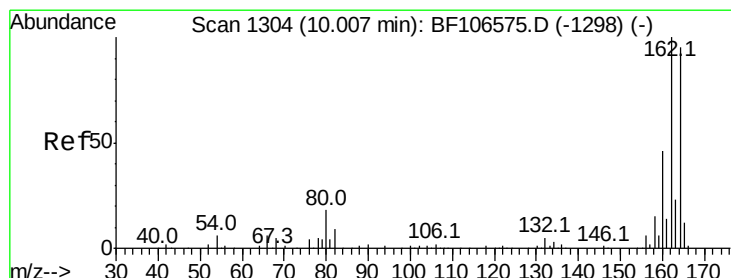
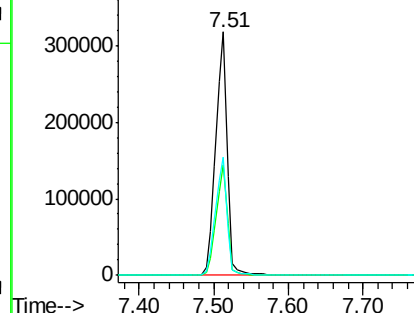
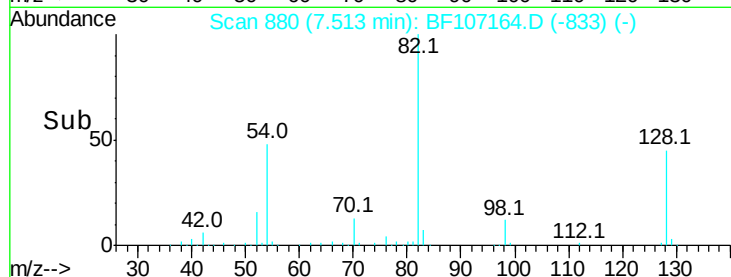
54 48.4 41.4 62.2



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: BF107164.D

Acq: 6 Jul 2018 10:31

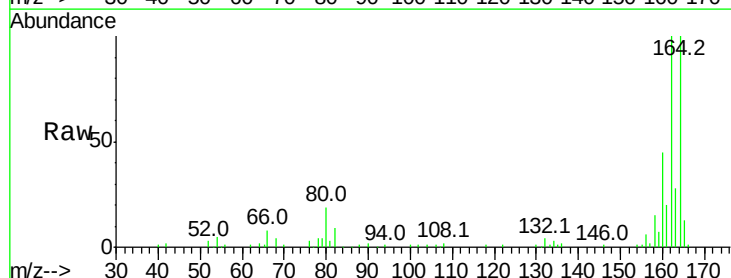
Tgt Ion: 164 Resp: 97133

Ion Ratio Lower Upper

164 100

162 99.9 86.1 129.1

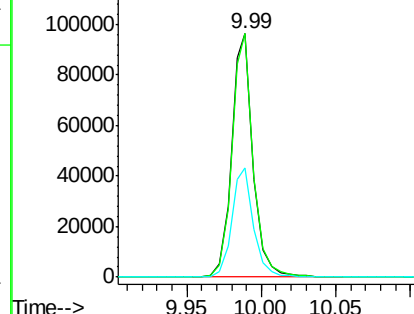
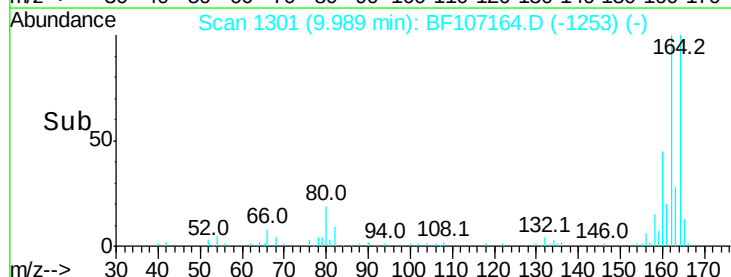
160 45.1 38.3 57.5

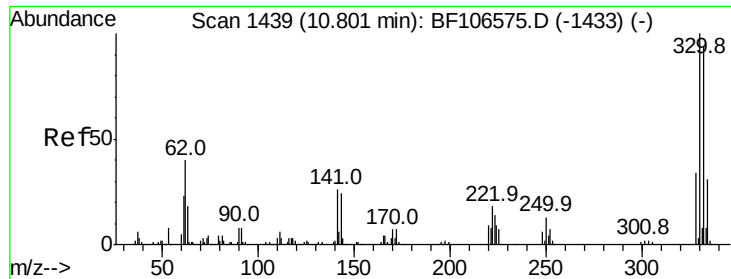


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

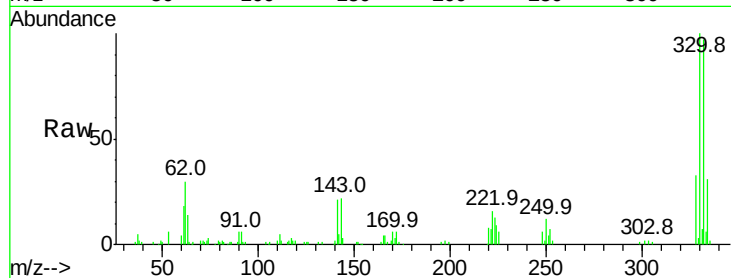




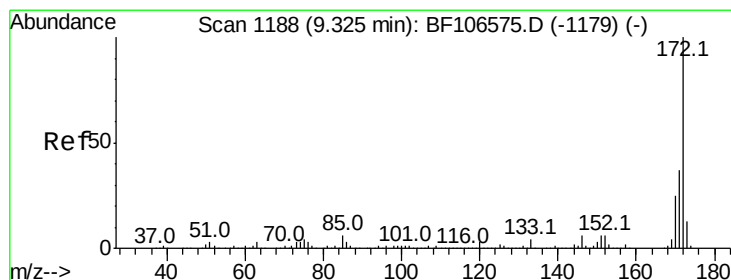
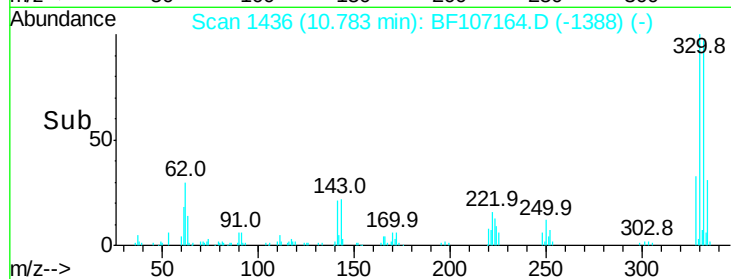
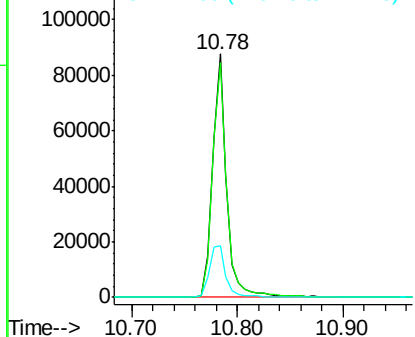
#41
 2,4,6-Tribromophenol
 Concen: 73.763 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BL

Tot Ion:330 Resp: 83042
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 24.2 29.9 44.9#

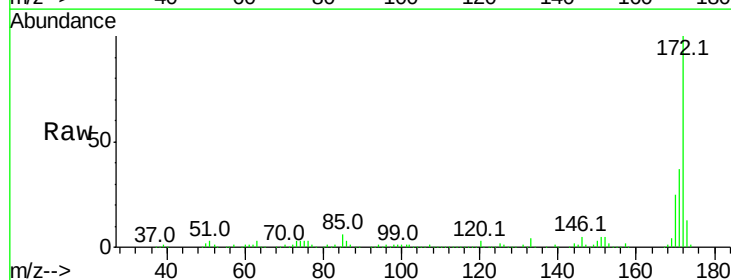


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

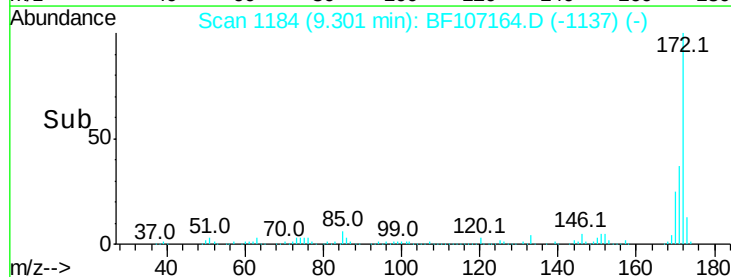
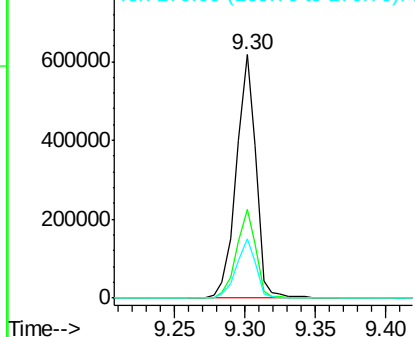


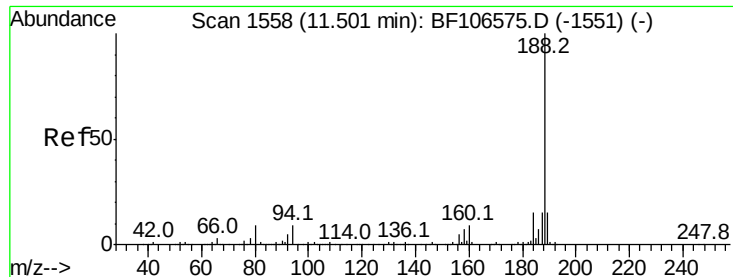
#44
 2-Fluorobiphenyl
 Concen: 107.957 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Tgt Ion:172 Resp: 596658
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 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

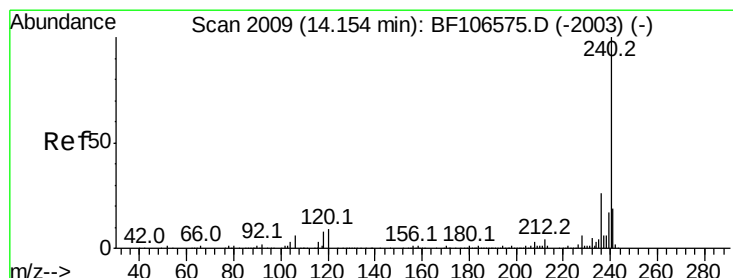
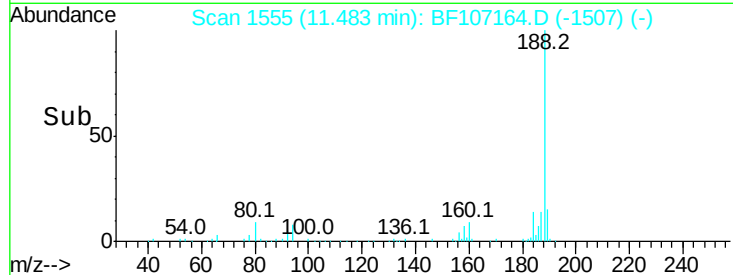
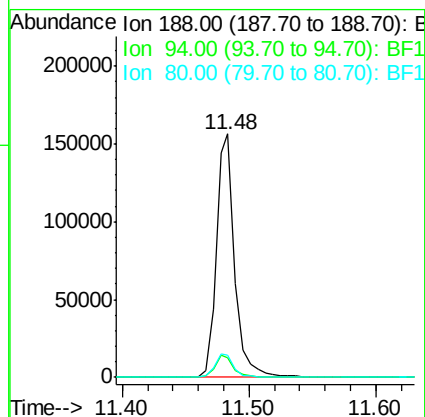
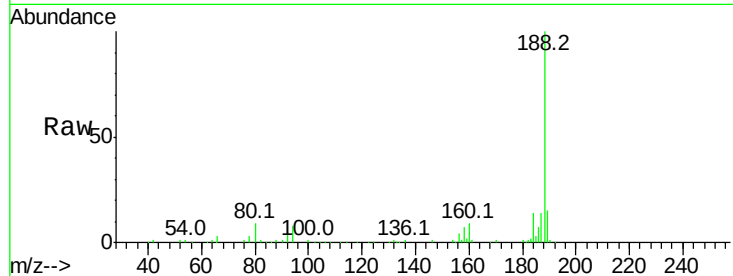




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

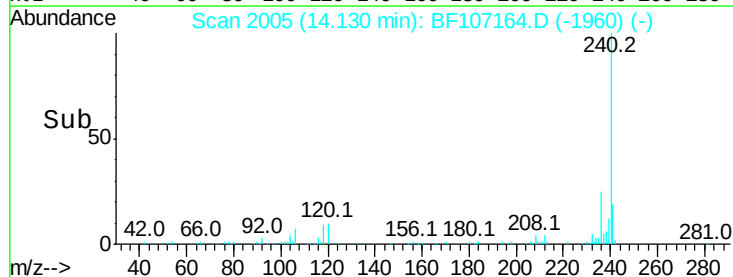
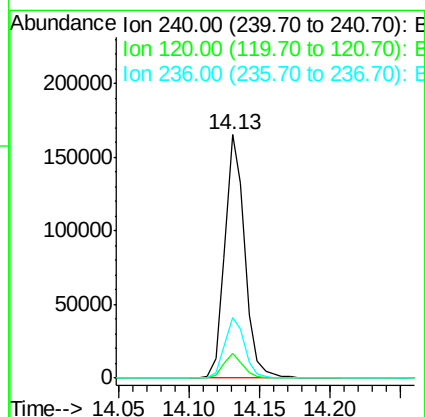
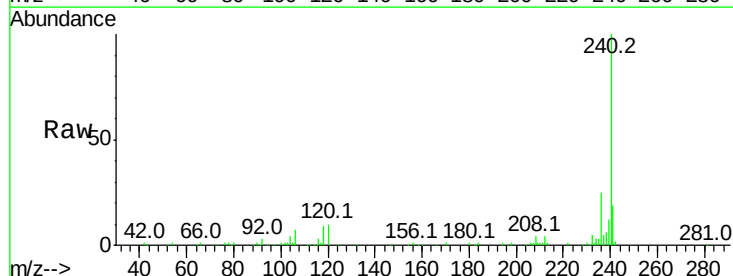
Instrument :
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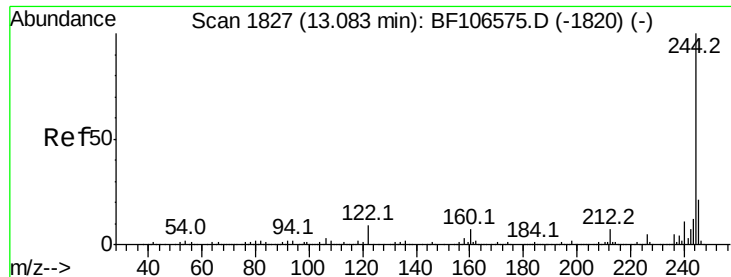
Tot Ion:188 Resp: 158617
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 8.9 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.04 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Tgt Ion:240 Resp: 162308
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 24.9 20.7 31.1

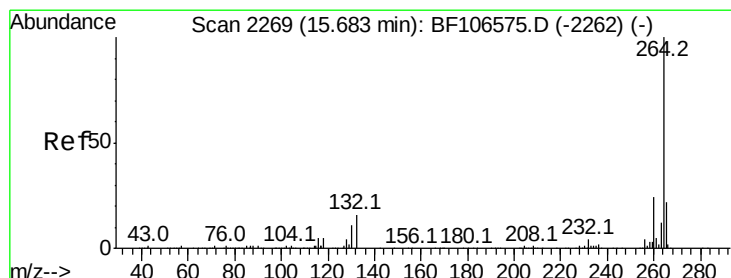
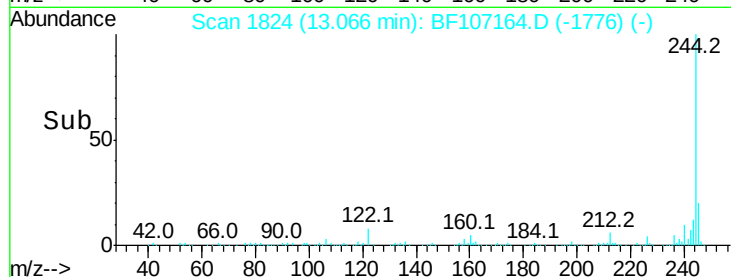
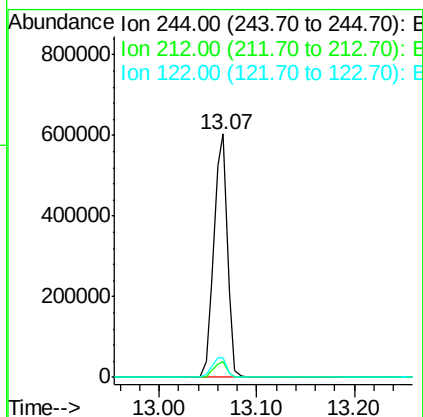
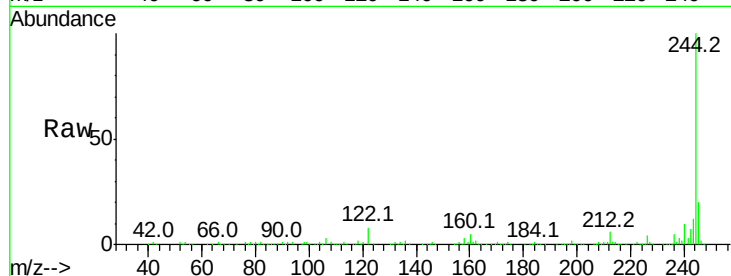




#78
 Terphenyl-d14
 Concen: 86.562 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BL

Tot Ion:244 Resp: 580016
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107164.D
 Acq: 6 Jul 2018 10:31

Tgt Ion:264 Resp: 111856
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 17.5 26.3

