

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107252.D
 Acq On : 10 Jul 2018 2:21
 Operator : JU/SJ
 Sample : PB110915BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BL

Quant Time: Jul 10 05:52:22 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	38217	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	135668	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	60259	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	113897	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	83551	20.00	ng	-0.02
86) Perylene-d12	15.69	264	61516	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	223780	99.15	ng	0.00
7) Phenol-d6	6.60	99	270077	95.82	ng	-0.02
23) Nitrobenzene-d5	7.51	82	235675	96.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	66982	95.91	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	416469	123.70	ng	-0.02
78) Terphenyl-d14	13.08	244	454995	131.91	ng	0.00

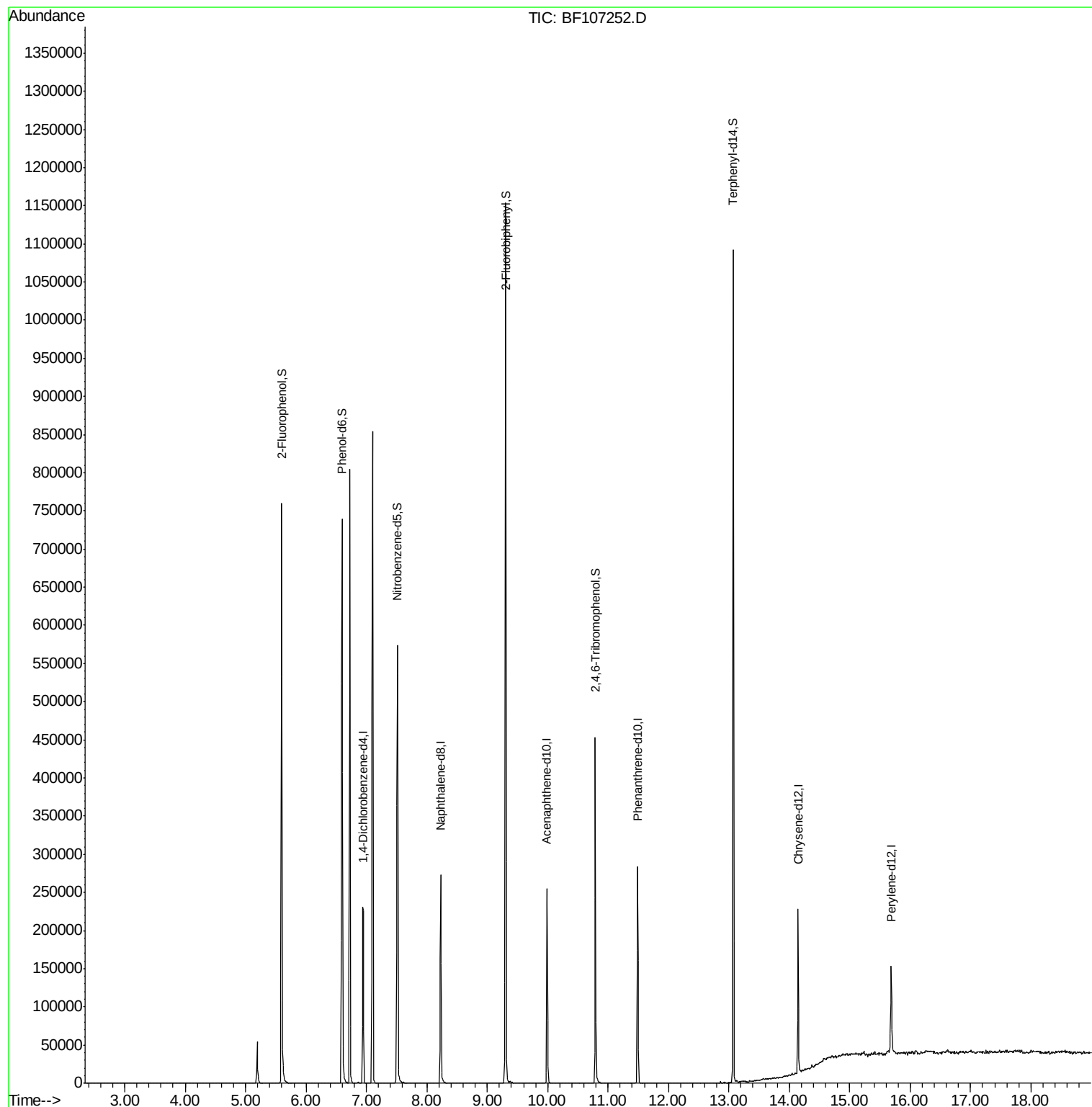
Target Compounds Qvalue

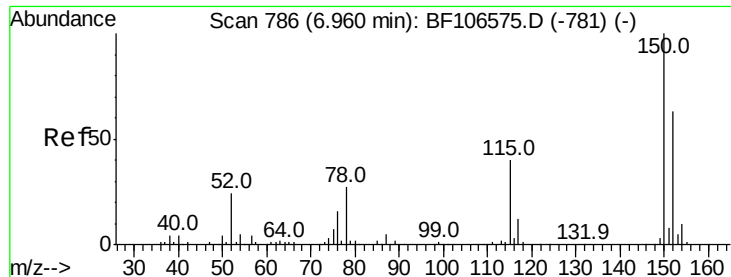
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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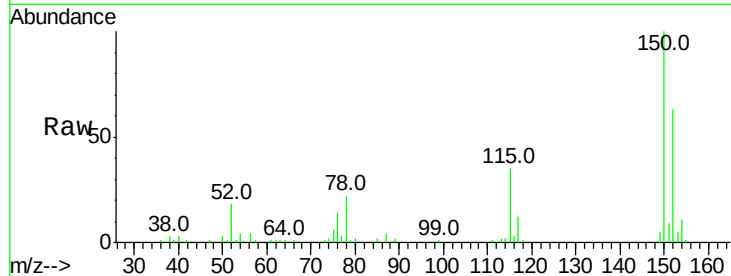


#1

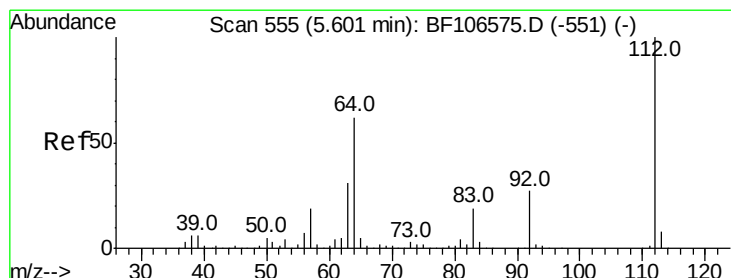
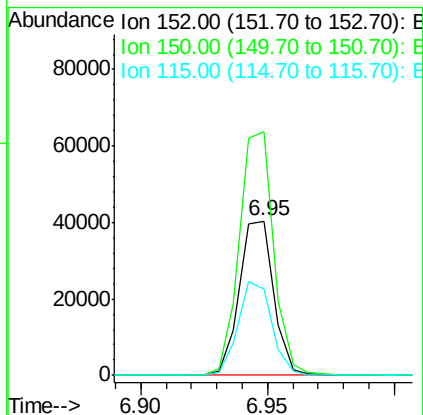
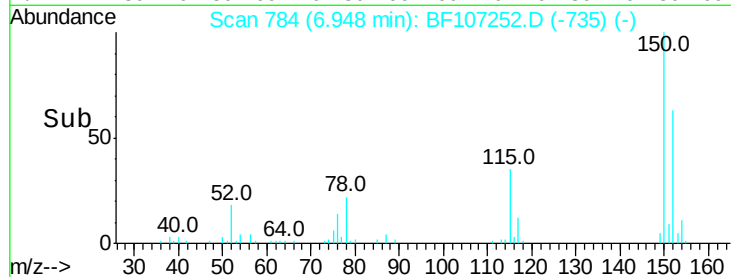
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB110915BL

Tot Ion:152 Resp: 38217
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 55.9 50.1 75.1



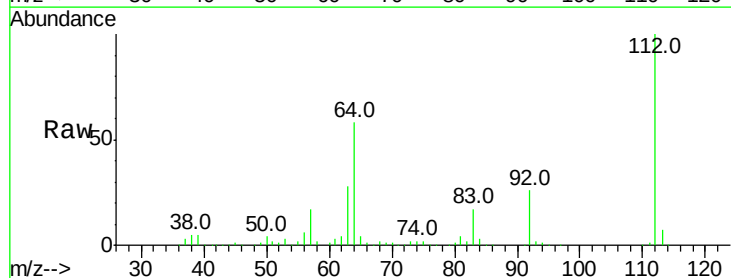
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



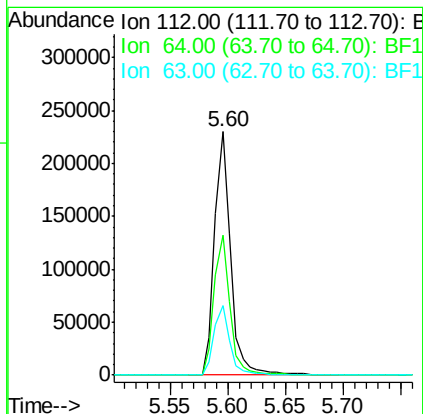
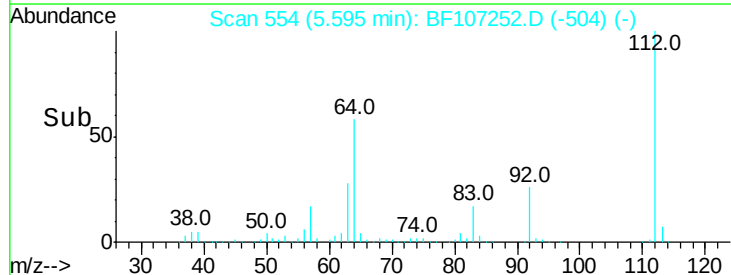
#5

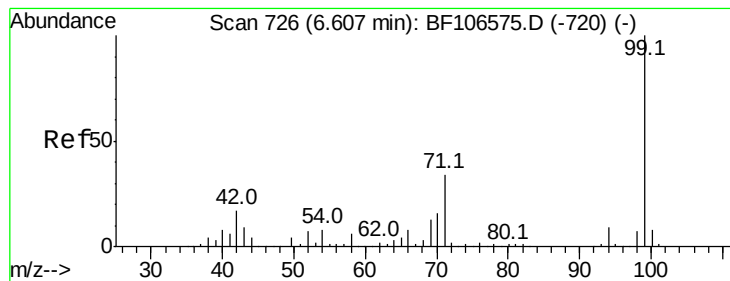
2-Fluorophenol
Concen: 99.152 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Tgt Ion:112 Resp: 223780
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.3 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: 95.824 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB110915BL

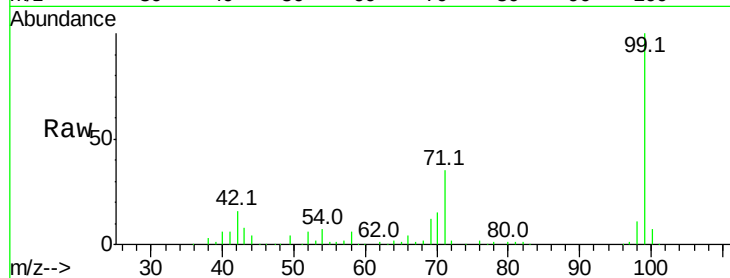
Tot Ion: 99 Resp: 270077

Ion Ratio Lower Upper

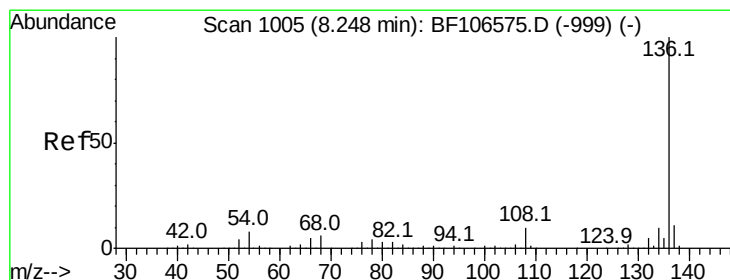
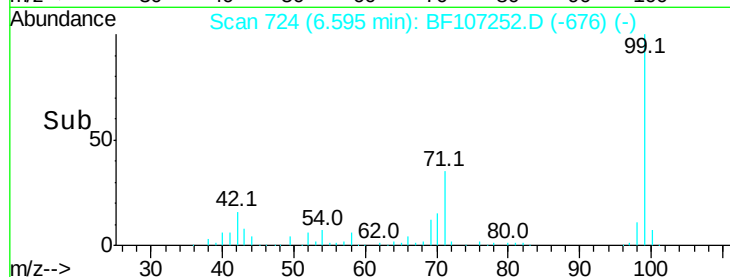
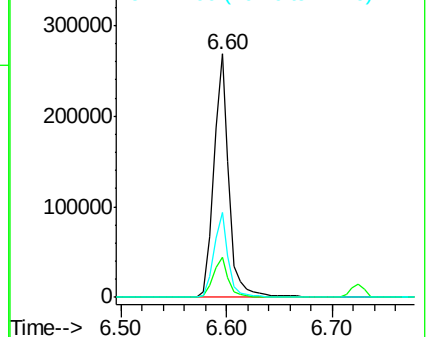
99 100

42 16.3 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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107252.D

Acq: 10 Jul 2018 2:21

Tgt Ion: 136 Resp: 135668

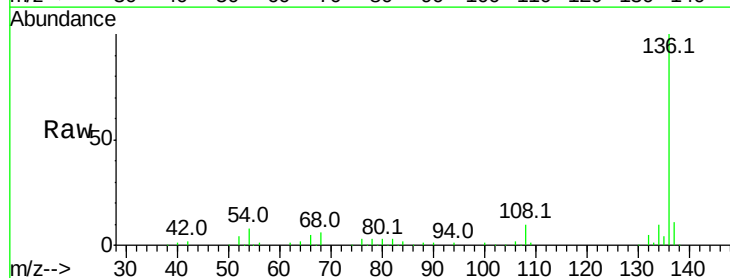
Ion Ratio Lower Upper

136 100

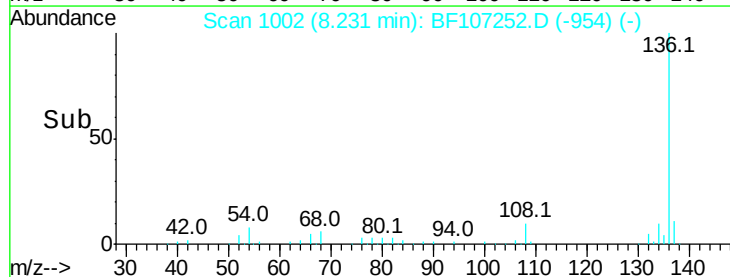
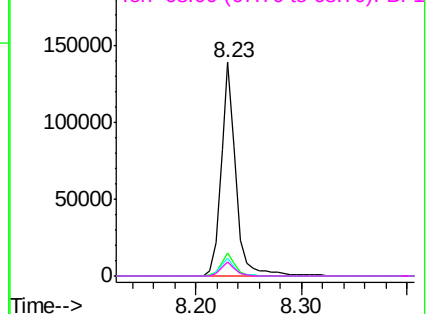
137 10.9 8.9 13.3

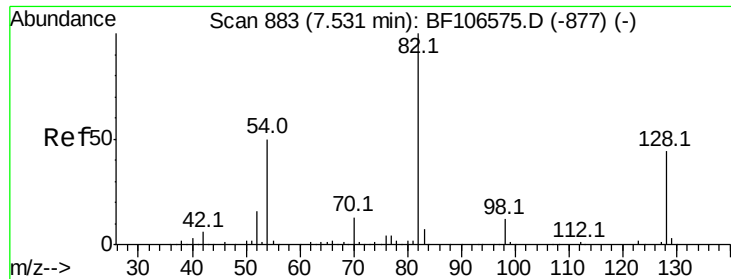
54 8.3 6.6 9.8

68 6.5 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

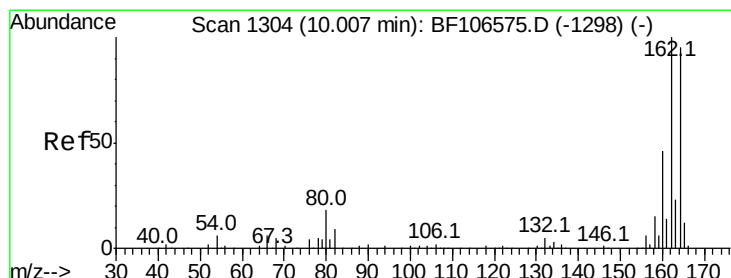
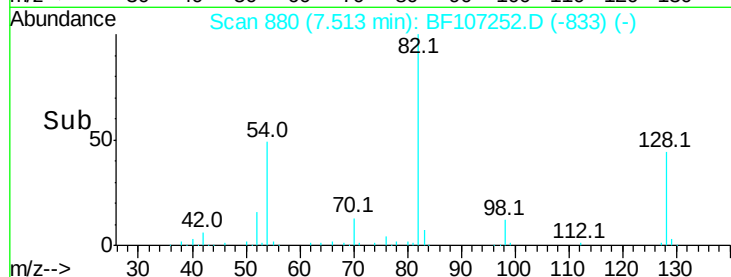
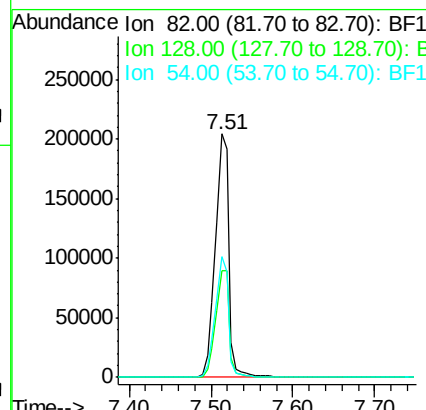
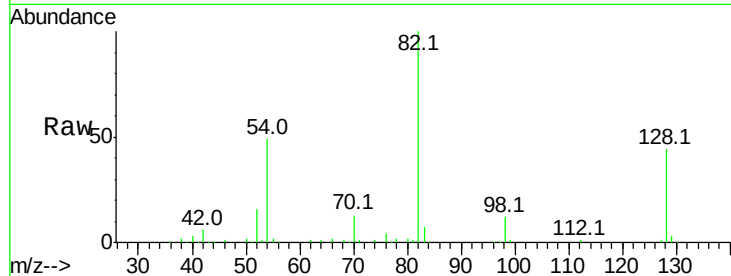




#23
 Nitrobenzene-d5
 Concen: 96.539 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

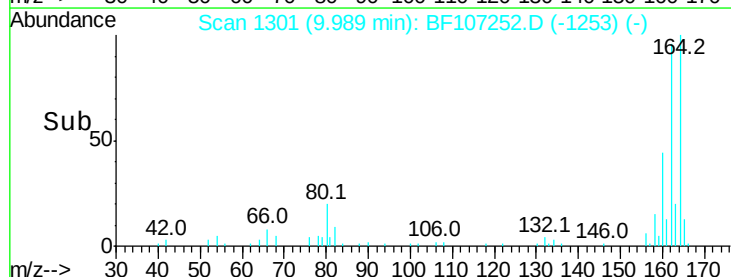
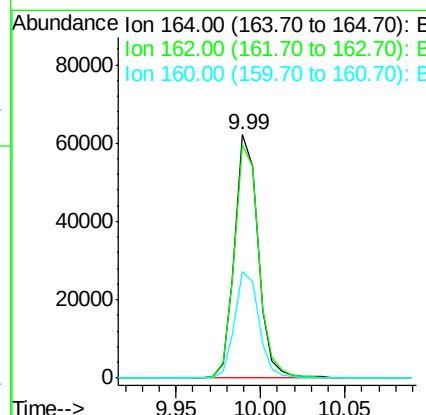
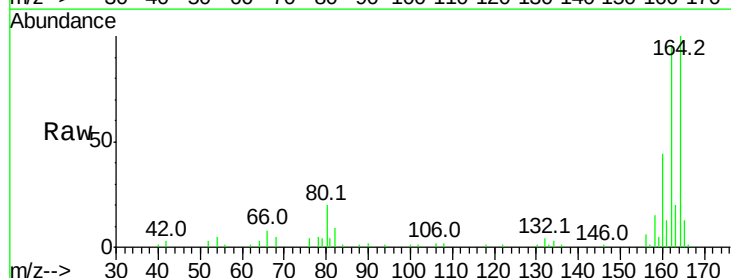
Instrument :
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 PB110915BL

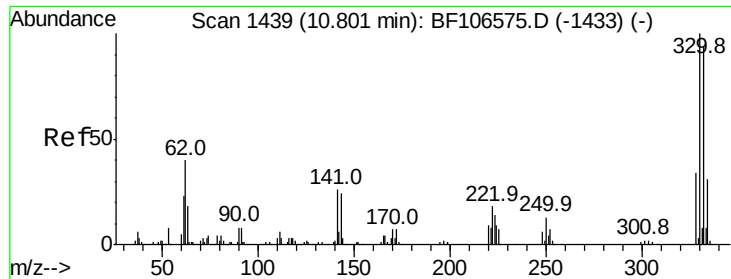
Tot Ion	82	Resp	235675
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.1	54.1
54	49.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Tgt Ion	164	Resp	60259
Ion Ratio	Lower	Upper	
164	100		
162	95.8	86.1	129.1
160	43.7	38.3	57.5

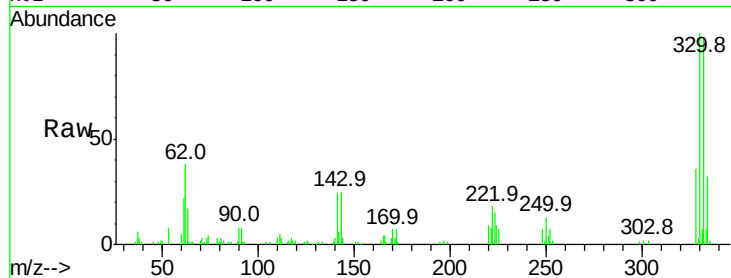




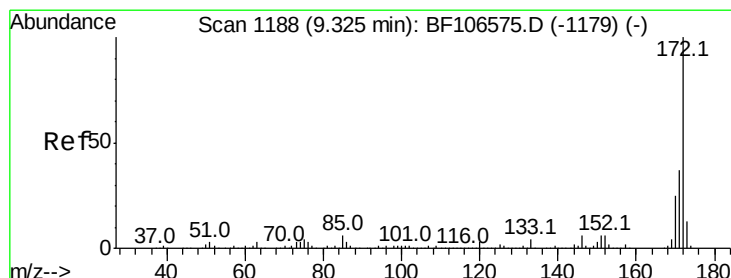
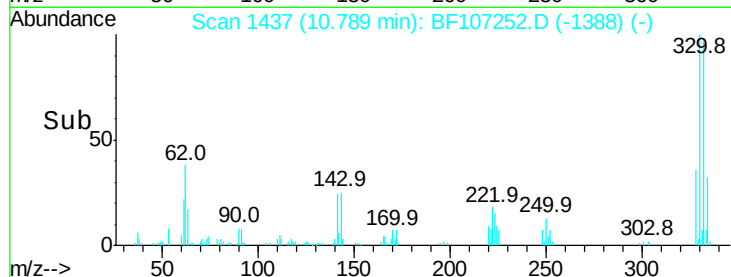
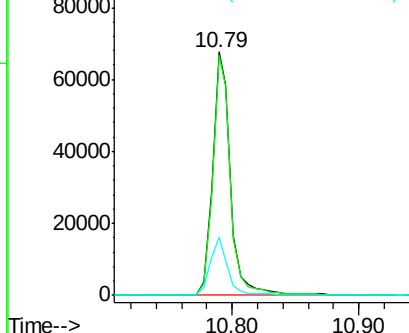
#41
 2,4,6-Tribromophenol
 Concen: 95.905 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BL

Tot Ion:330 Resp: 66982
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 23.1 29.9 44.9#

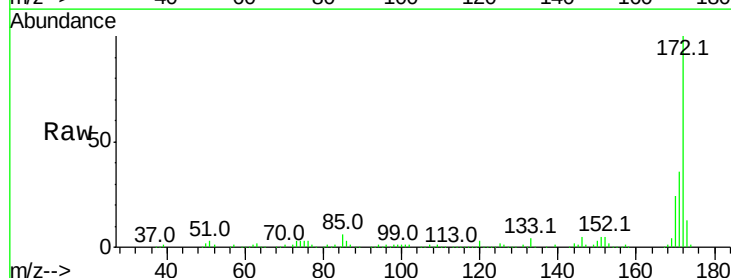


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

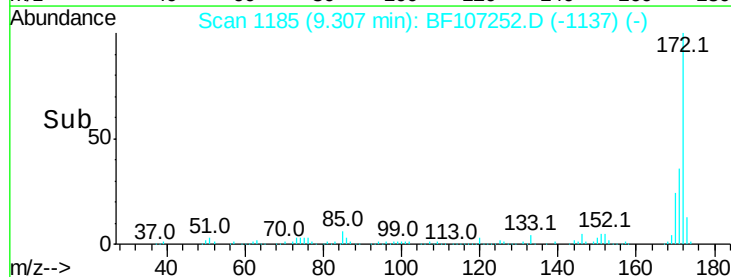
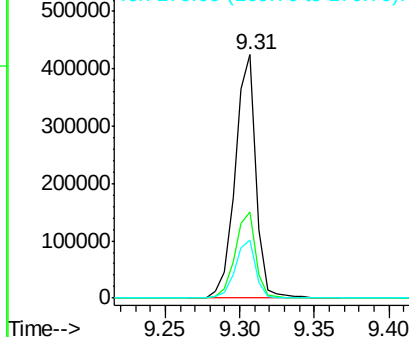


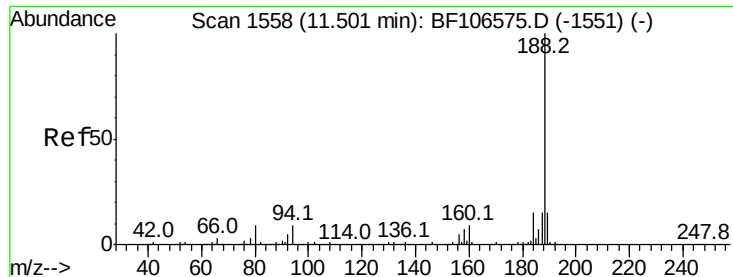
#44
 2-Fluorobiphenyl
 Concen: 123.699 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Tgt Ion:172 Resp: 416469
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

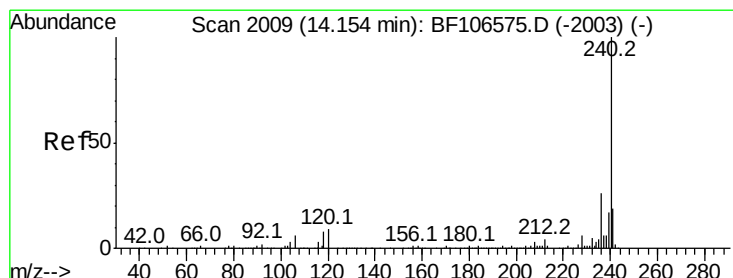
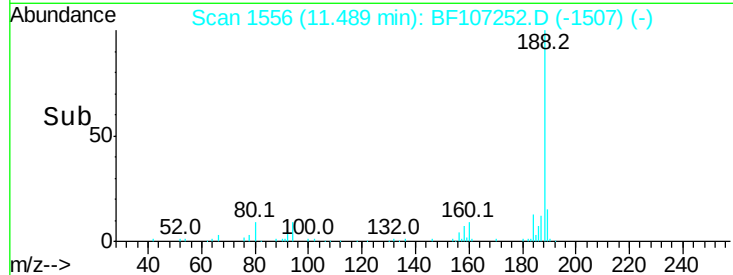
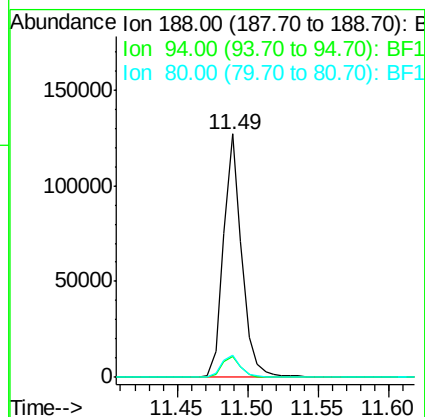
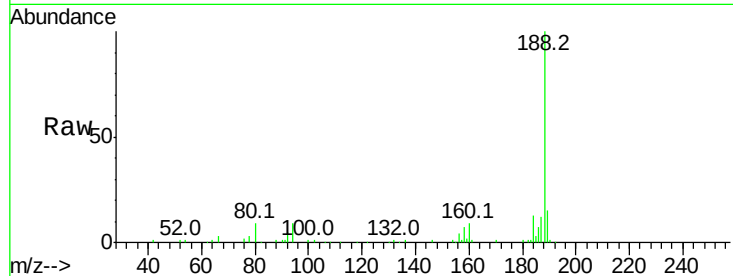




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

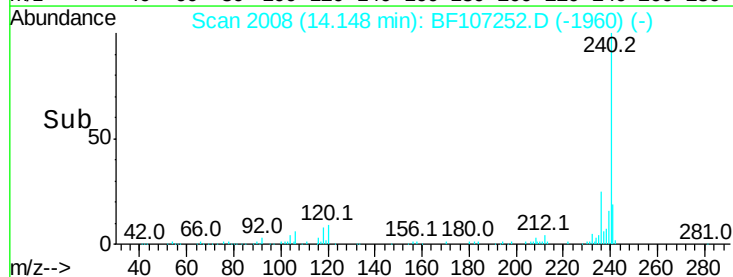
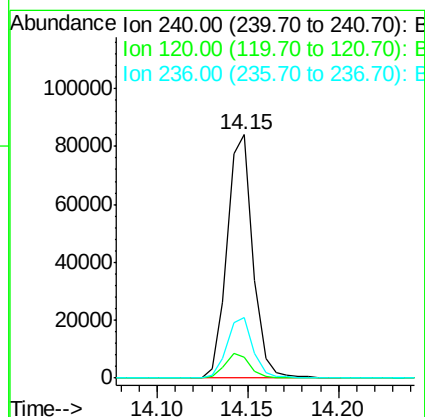
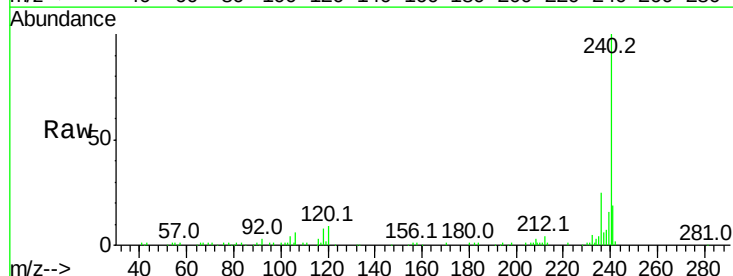
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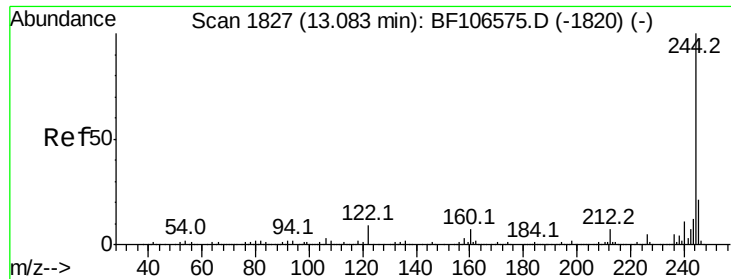
Tot Ion:188 Resp: 113897
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107252.D
Acq: 10 Jul 2018 2:21

Tgt Ion:240 Resp: 83551
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 25.0 20.7 31.1

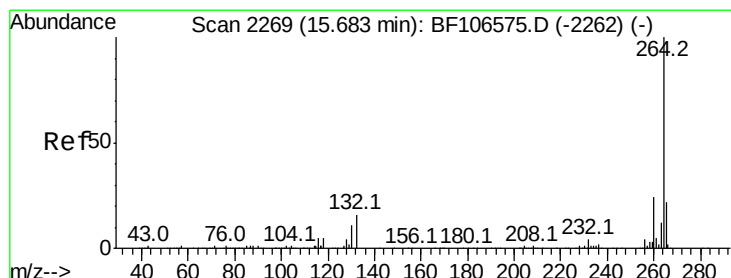
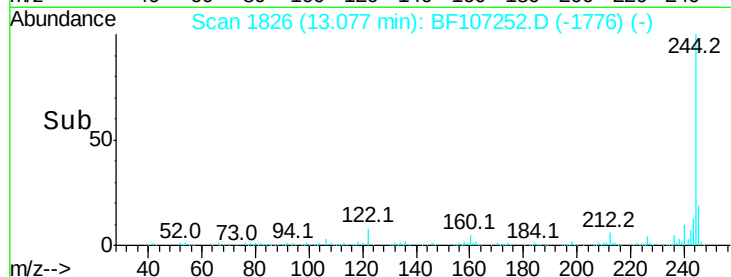
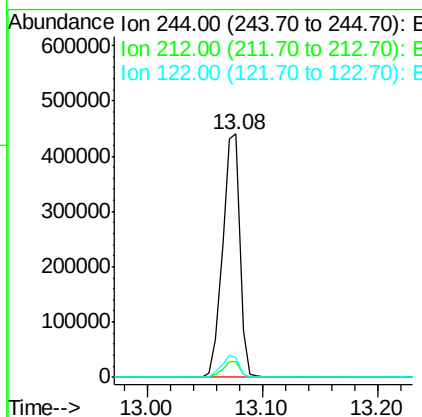
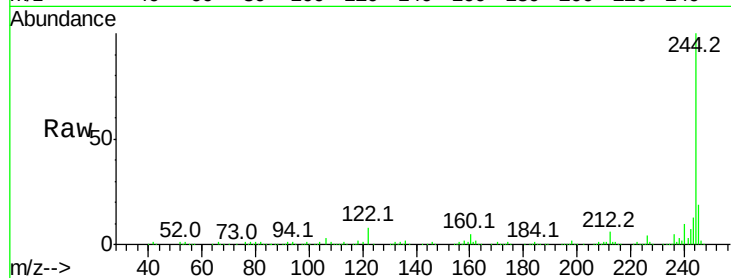




#78
 Terphenyl-d14
 Concen: 131.911 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BL

Tot Ion:244 Resp: 454995
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107252.D
 Acq: 10 Jul 2018 2:21

Tgt Ion:264 Resp: 61516
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 17.5 26.3

