

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107152.D
 Acq On : 6 Jul 2018 5:04
 Operator : JU/SJ
 Sample : J3841-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AIR-CORE-REACTORPAD

Quant Time: Jul 06 05:42:07 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

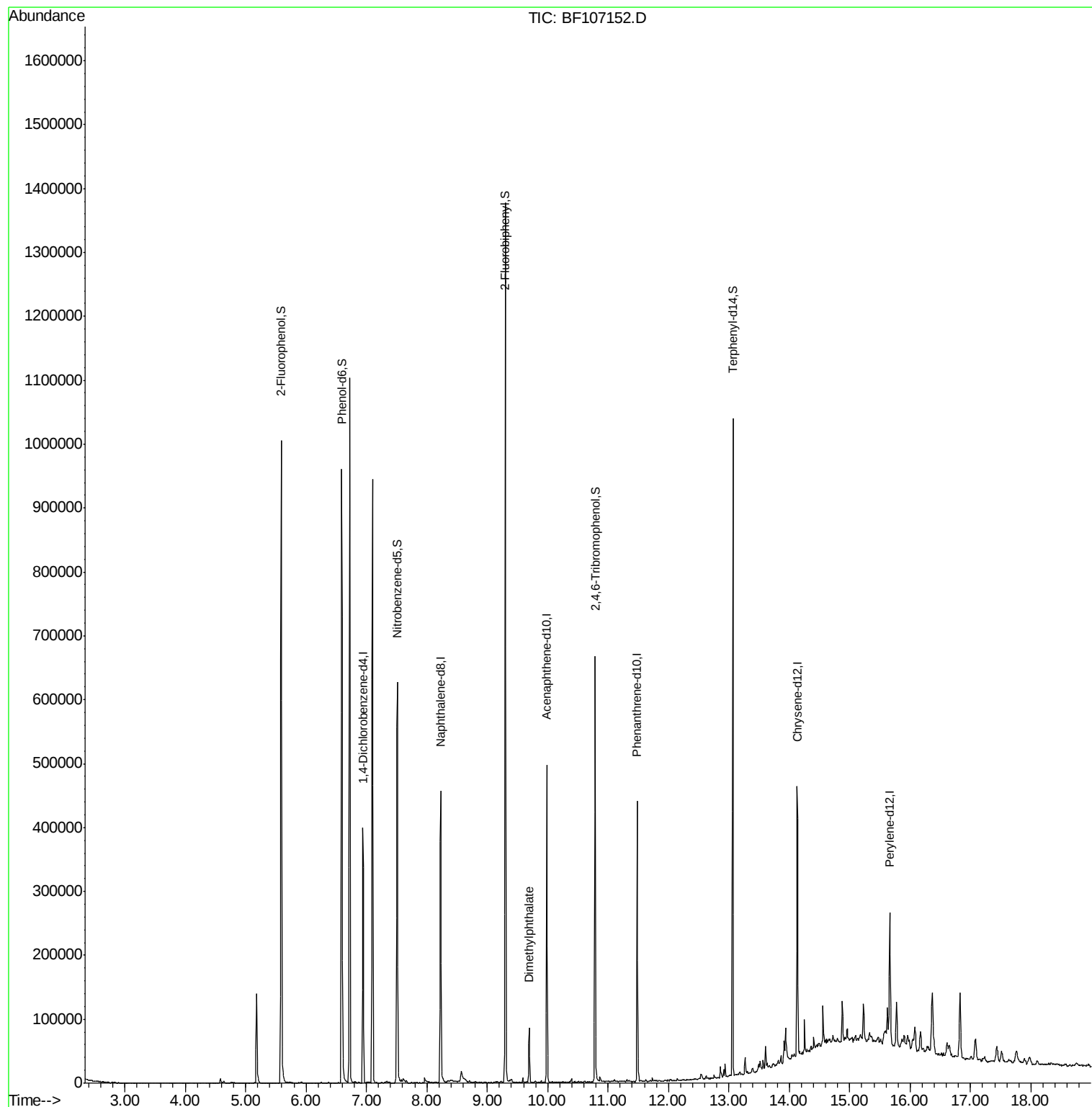
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60309	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	229516	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	103769	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	163578	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	152199	20.00	ng	-0.04
86) Perylene-d12	15.67	264	106079	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	290209	81.48	ng	-0.01
7) Phenol-d6	6.59	99	364921	82.05	ng	-0.02
23) Nitrobenzene-d5	7.51	82	225873	54.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	90852	75.54	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	432224	67.46	ng	-0.02
78) Terphenyl-d14	13.07	244	392676	62.50	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	37975	4.879	ng	Qvalue # 99

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

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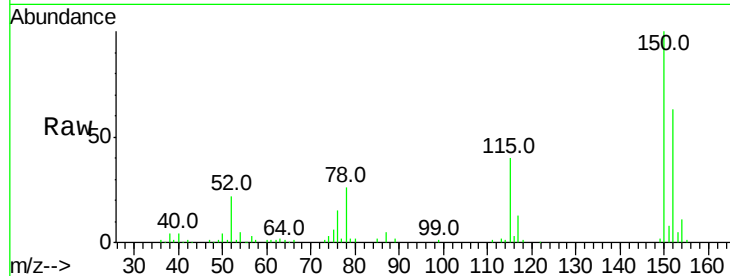


#1

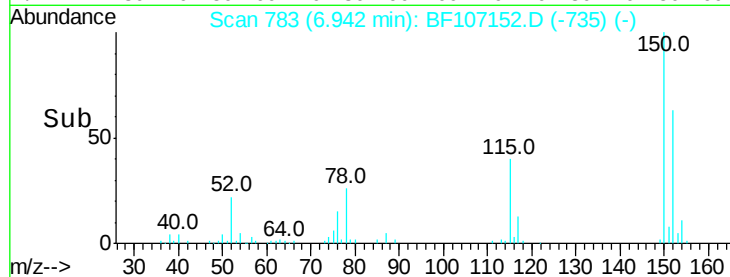
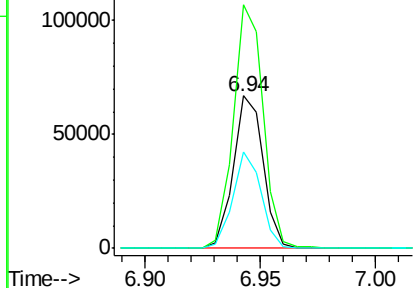
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Instrument :
BNA_F
ClientSampleId :
AIR-CORE-REACTORPAD

Tot Ion:152 Resp: 60309
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 63.2 50.1 75.1



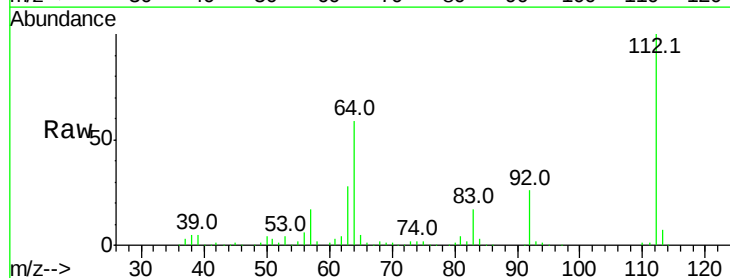
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



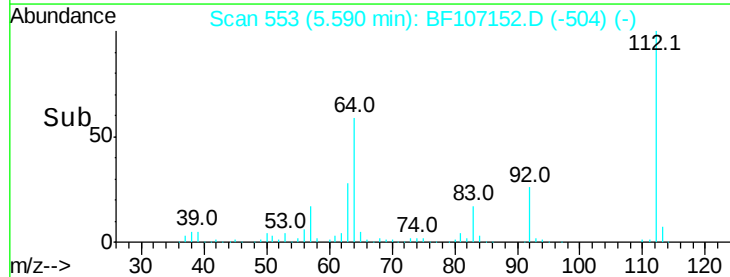
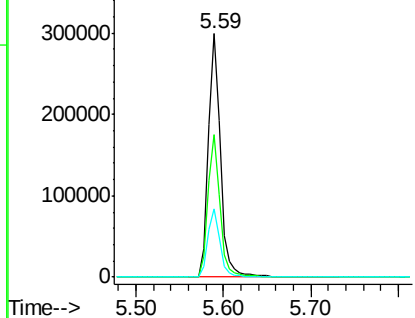
#5

2-Fluorophenol
Concen: 81.483 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Tgt Ion:112 Resp: 290209
Ion Ratio Lower Upper
112 100
64 58.7 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: 82.047 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampleId :

AIR-CORE-REACTORPAD

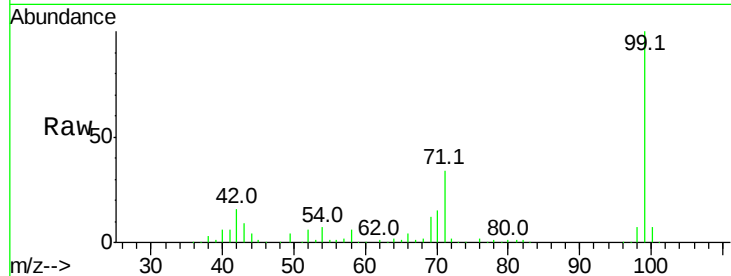
Tot Ion: 99 Resp: 364921

Ion Ratio Lower Upper

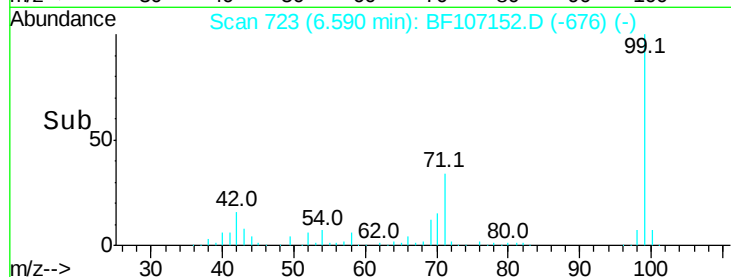
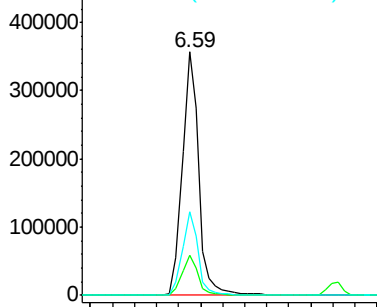
99 100

42 16.4 14.5 21.7

71 34.2 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: BF107152.D

Acq: 6 Jul 2018 5:04

Tgt Ion: 136 Resp: 229516

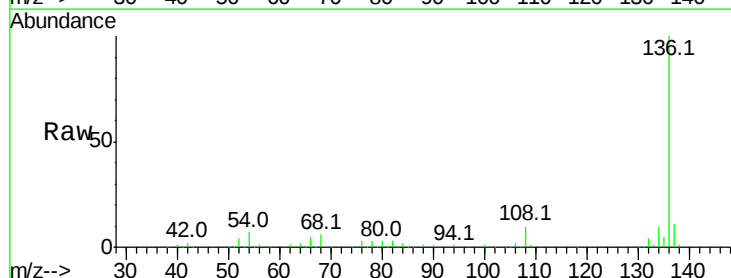
Ion Ratio Lower Upper

136 100

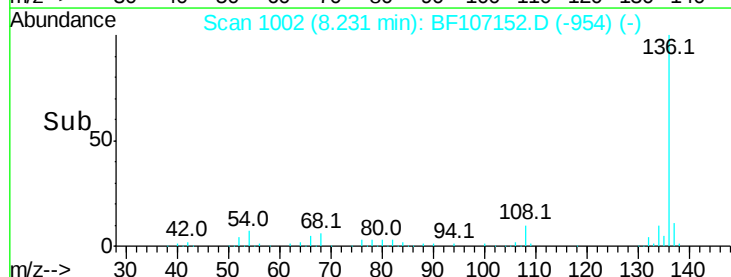
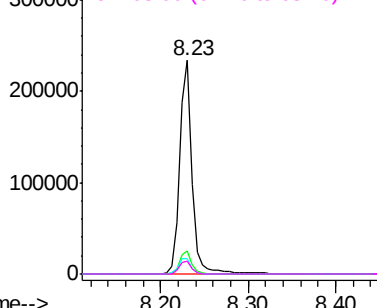
137 10.8 8.9 13.3

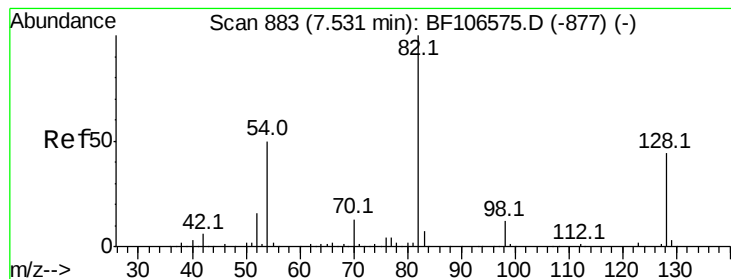
54 7.3 6.6 9.8

68 6.1 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: 54.691 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampleId :

AIR-CORE-REACTORPAD

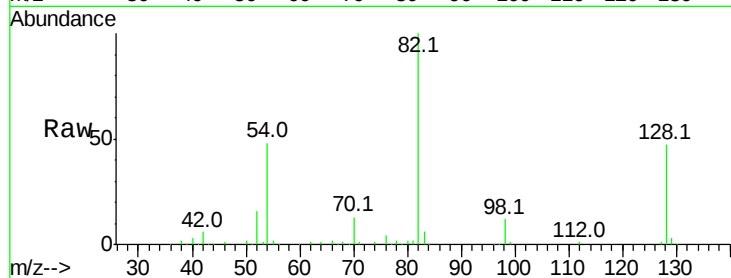
Tot Ion: 82 Resp: 225873

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

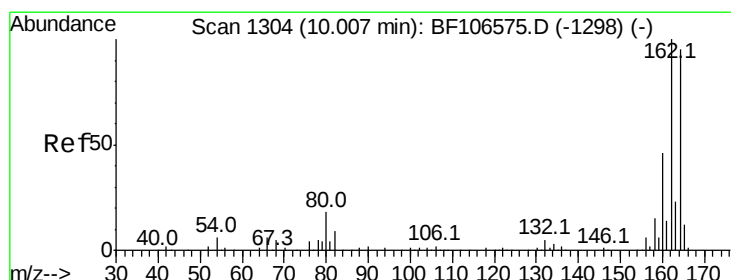
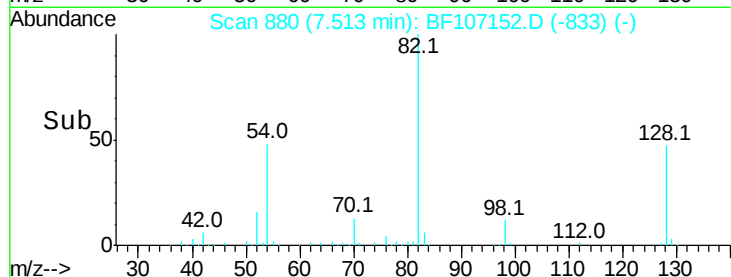
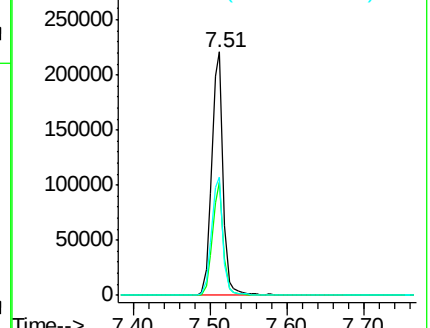
54 48.4 41.4 62.2



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: BF107152.D

Acq: 6 Jul 2018 5:04

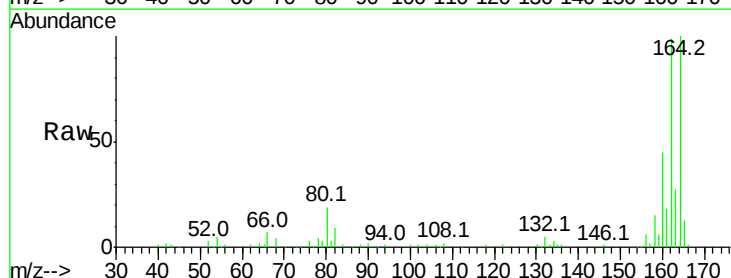
Tgt Ion: 164 Resp: 103769

Ion Ratio Lower Upper

164 100

162 99.4 86.1 129.1

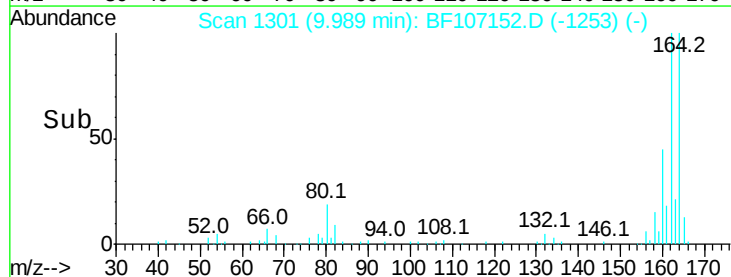
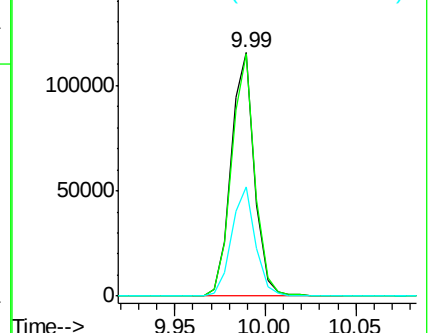
160 45.1 38.3 57.5



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

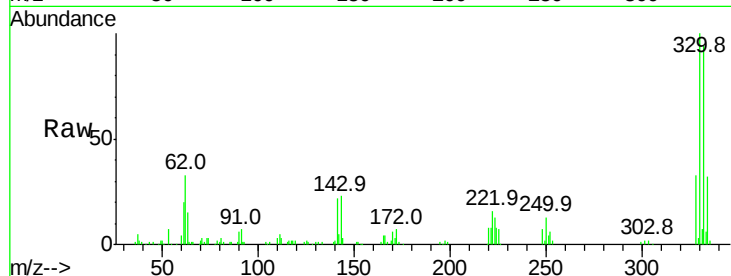




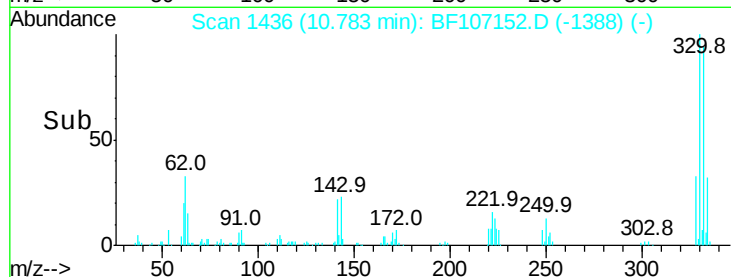
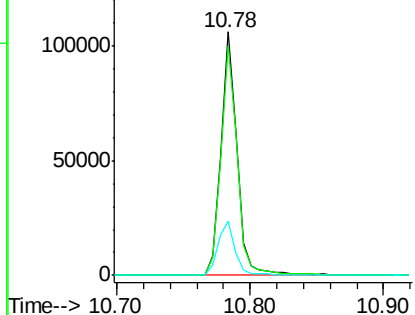
#41
 2,4,6-Tribromophenol
 Concen: 75.539 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Instrument :
 BNA_F
 ClientSampleId :
 AIR-CORE-REACTORPAD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.4	29.9	44.9#

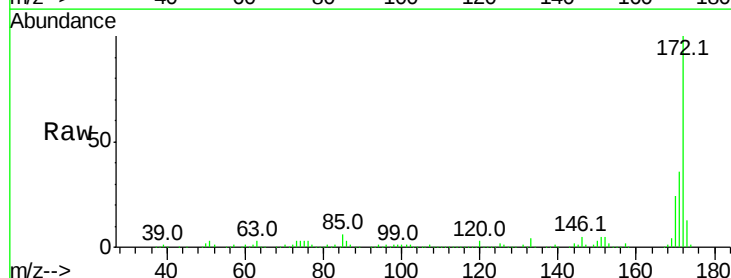


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

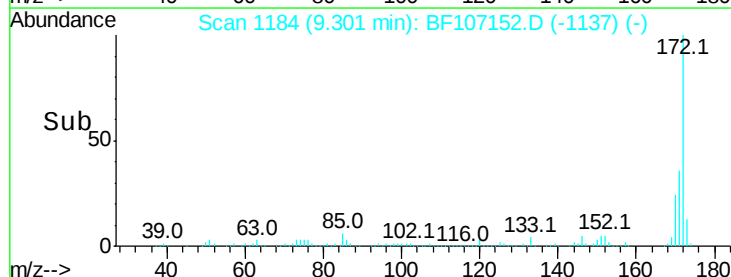
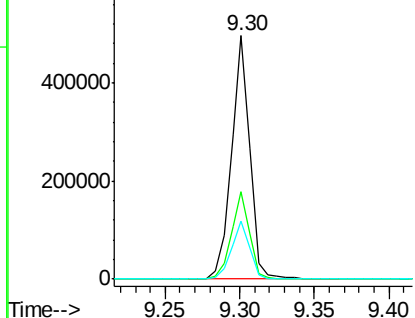


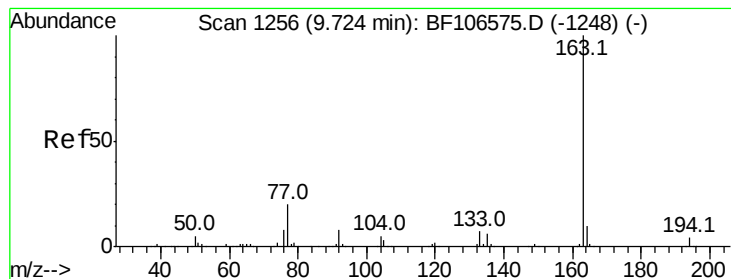
#44
 2-Fluorobiphenyl
 Concen: 67.458 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#49

Dimethylphthalate

Concen: 4.879 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampleId :

AIR-CORE-REACTORPAD

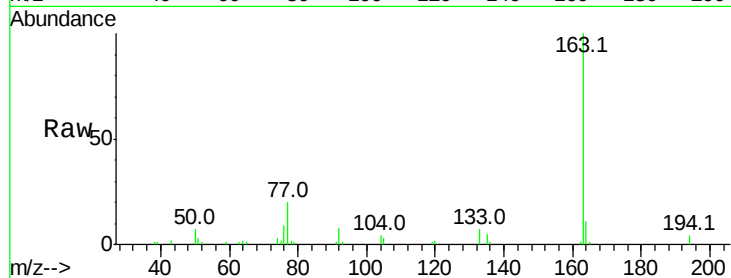
Tot Ion:163 Resp: 37975

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

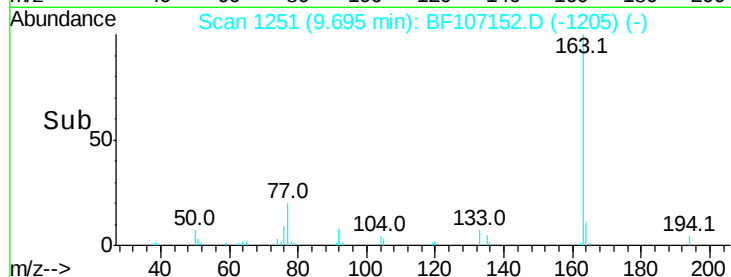
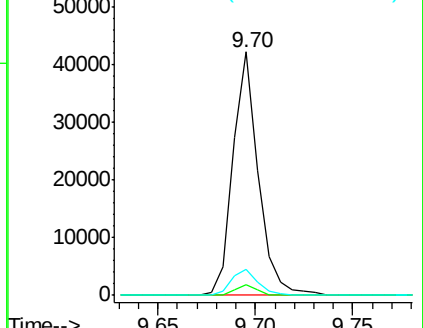
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

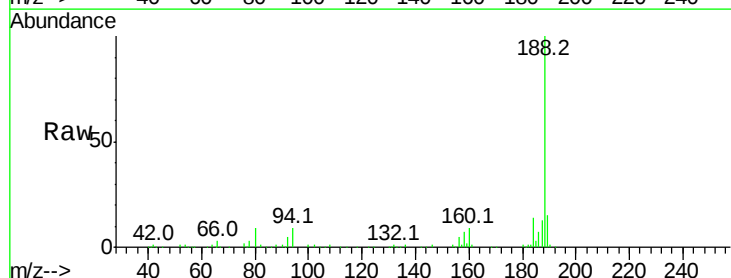
Tgt Ion:188 Resp: 163578

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

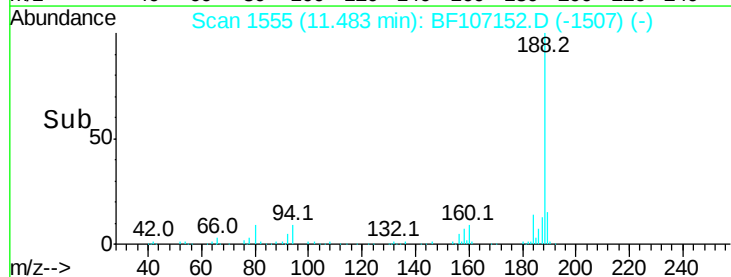
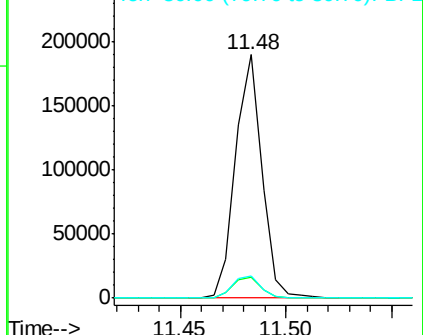
80 9.3 9.2 13.8



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: 14.13 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampleId :

AIR-CORE-REACTORPAD

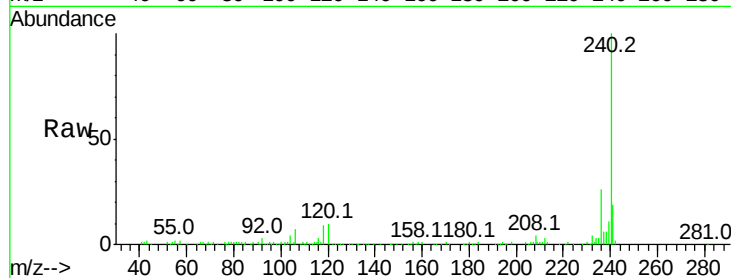
Tot Ion:240 Resp: 152199

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

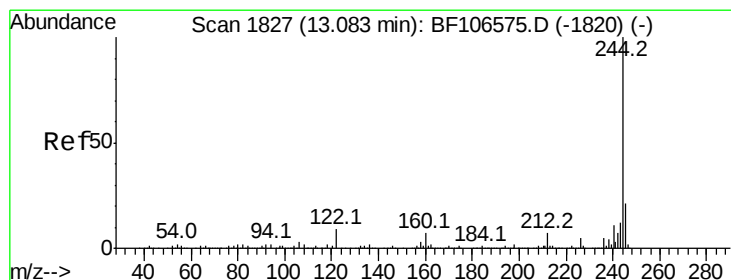
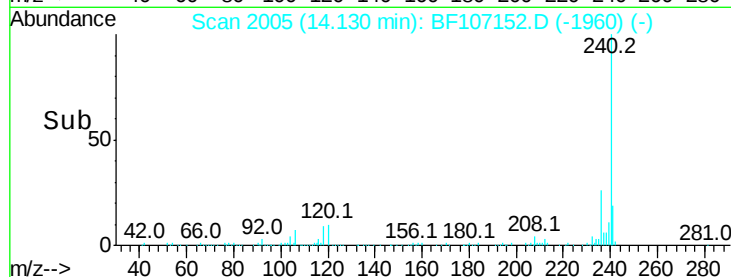
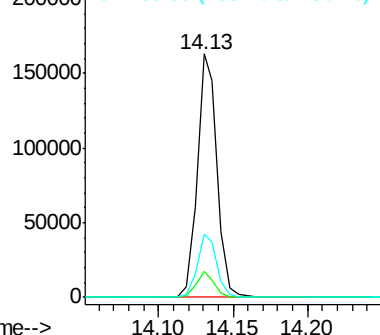
236 26.0 20.7 31.1



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: 62.496 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

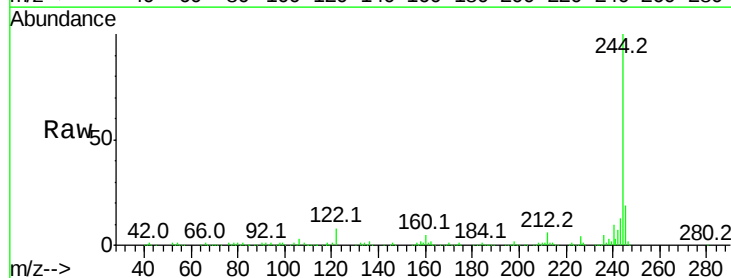
Tgt Ion:244 Resp: 392676

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

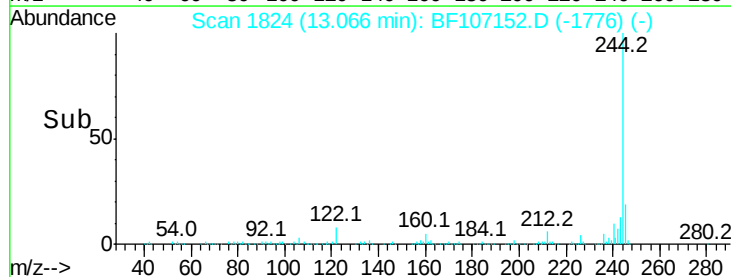
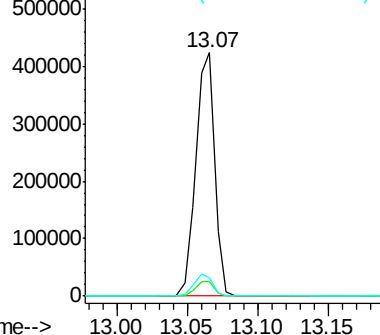
122 7.7 11.0 16.4#



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

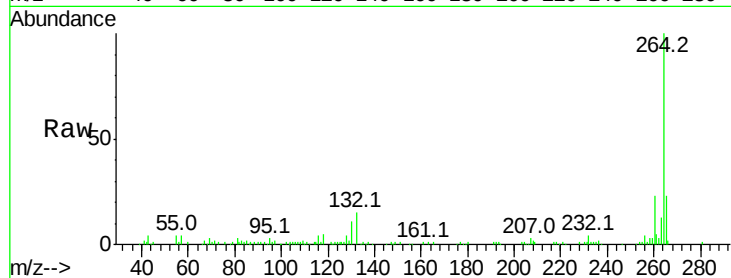




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Instrument :
 BNA_F
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 AIR-CORE-REACTORPAD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.6	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

