

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107176.D
 Acq On : 6 Jul 2018 16:47
 Operator : JU/SJ
 Sample : J3859-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-032

Quant Time: Jul 06 17:11:04 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

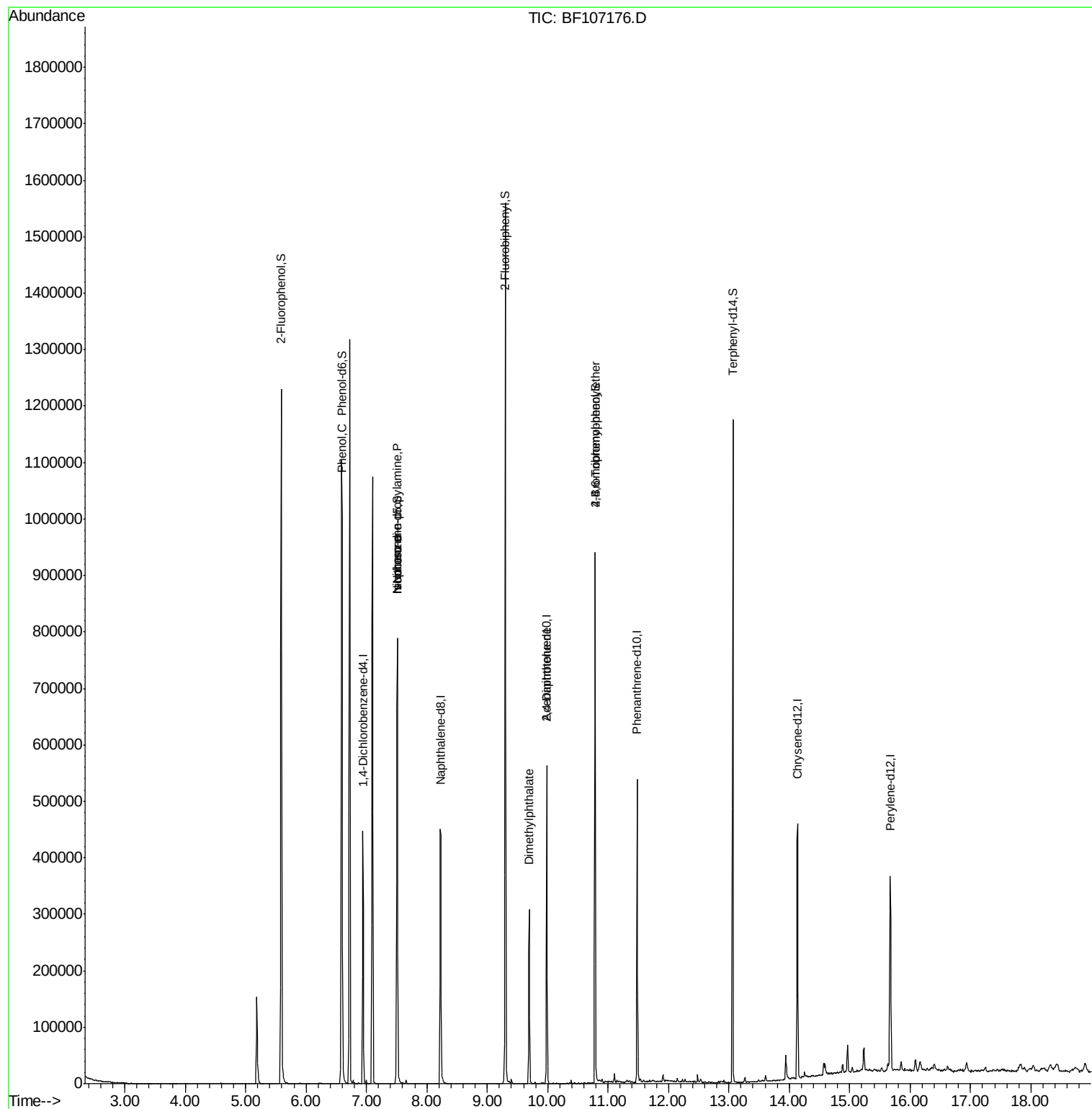
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64240	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	250652	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	126515	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	217729	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	171704	20.00	ng	-0.03
86) Perylene-d12	15.67	264	183329	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	356228	93.90	ng	-0.01
7) Phenol-d6	6.59	99	462771	97.68	ng	-0.02
23) Nitrobenzene-d5	7.51	82	288942	64.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	137773	93.96	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	513662	65.30	ng	-0.02
78) Terphenyl-d14	13.07	244	452563	63.84	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	11101	2.053	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	37258	11.931	ng	# 72
25) Isophorone	7.51	82	288940	36.355	ng	# 64
49) Dimethylphthalate	9.70	163	131706	13.880	ng	# 99
56) 2,4-Dinitrotoluene	9.98	165	16112	6.143	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	8081	3.110	ng	# 1

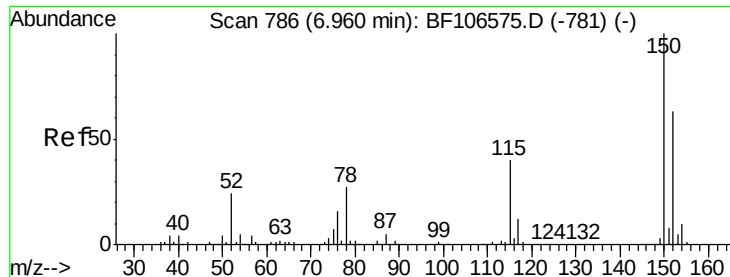
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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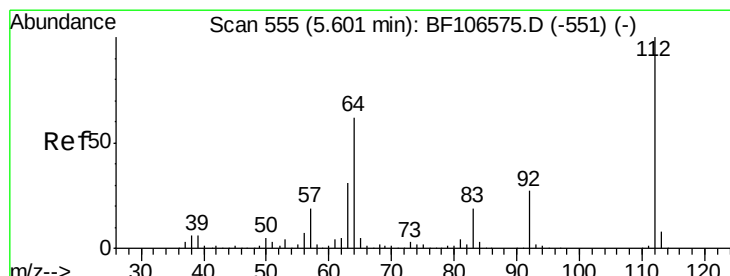
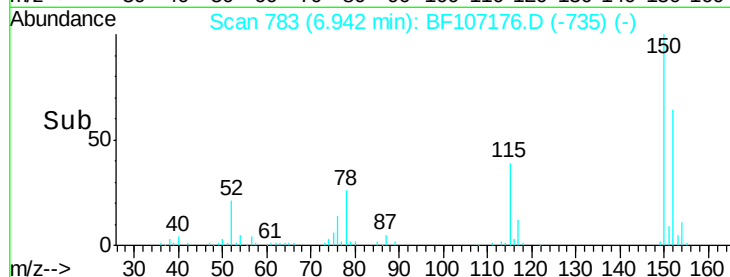
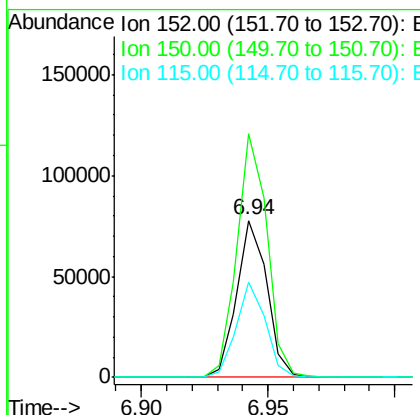
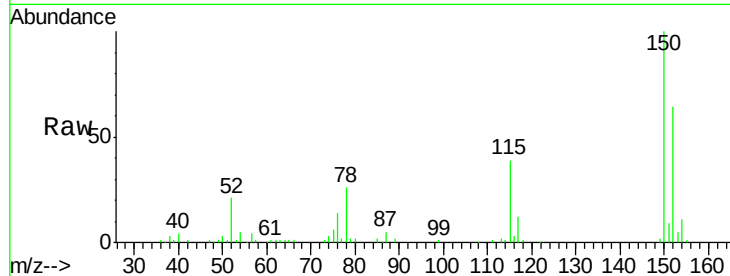




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

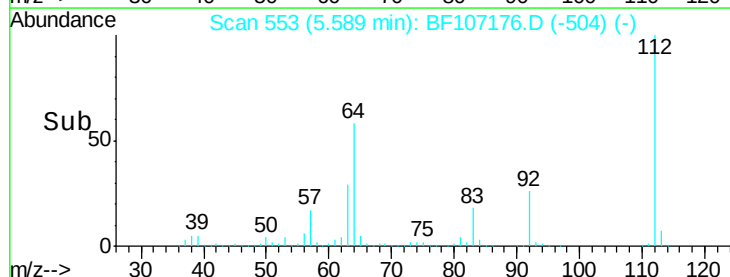
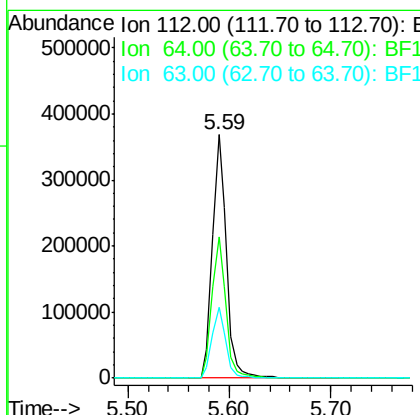
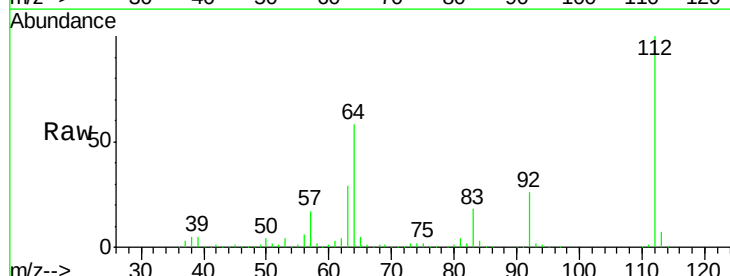
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-032

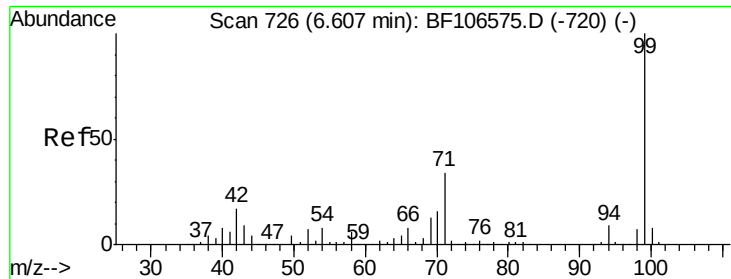
Tgt Ion:152 Resp: 64240
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 61.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 93.899 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Tgt Ion:112 Resp: 356228
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 97.680 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107176.D

Acq: 6 Jul 2018 16:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-032

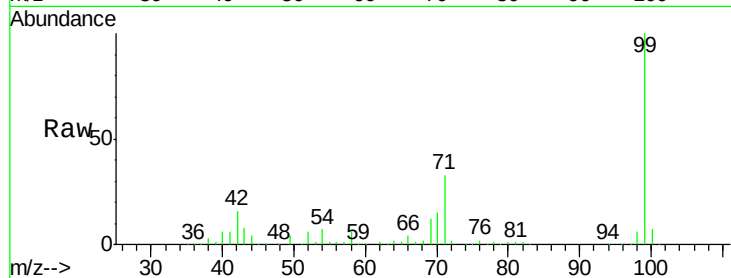
Tgt Ion: 99 Resp: 462771

Ion Ratio Lower Upper

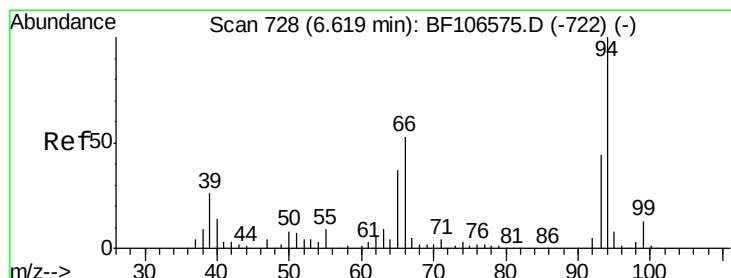
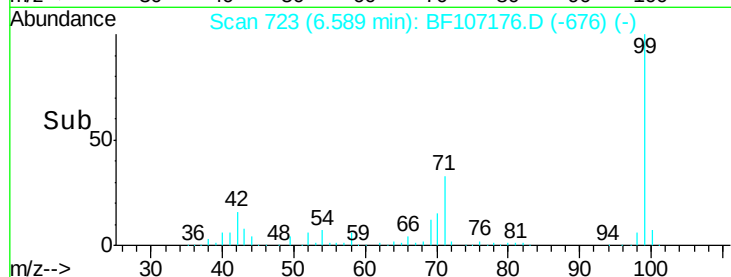
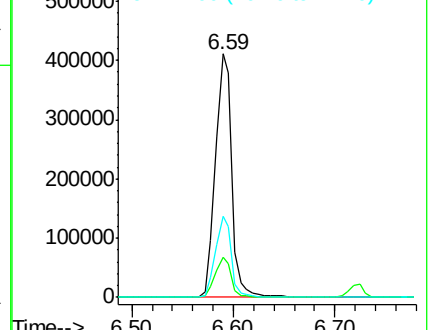
99 100

42 16.3 14.5 21.7

71 33.4 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



#10

Phenol

Concen: 2.053 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF107176.D

Acq: 6 Jul 2018 16:47

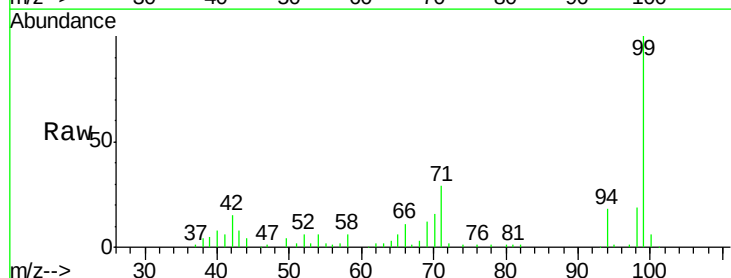
Tgt Ion: 94 Resp: 11101

Ion Ratio Lower Upper

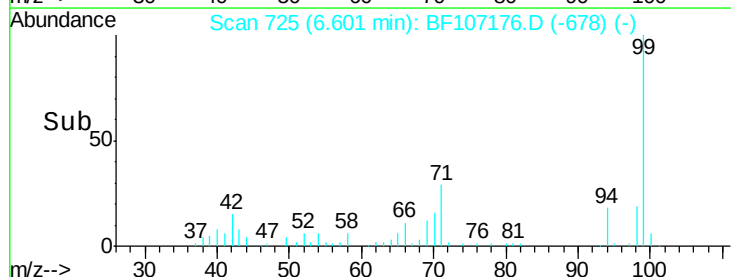
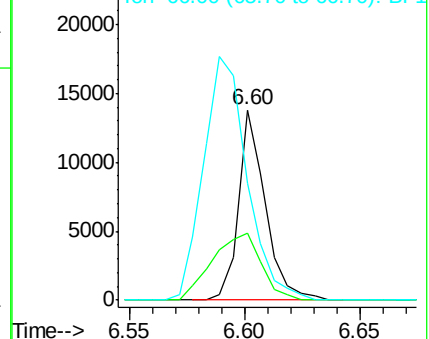
94 100

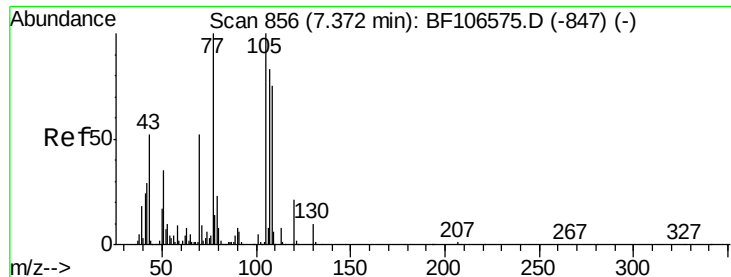
65 35.4 7.9 47.9

66 61.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

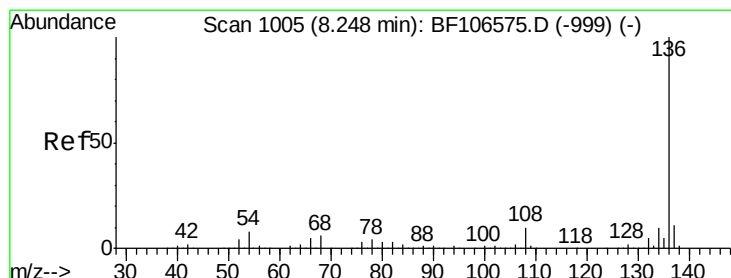
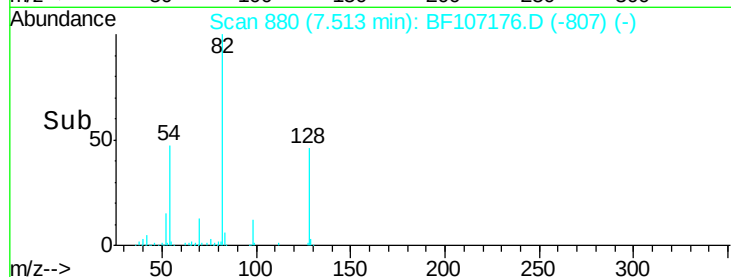
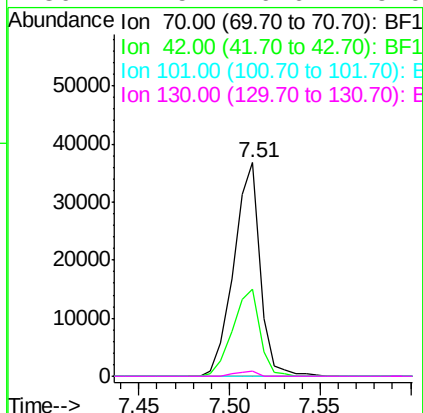
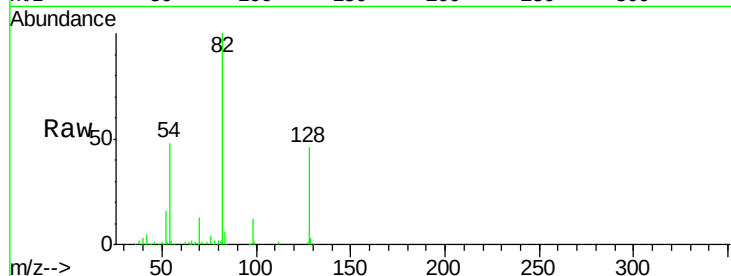




#19
n-Nitroso-di-n-propylamine
Concen: 11.931 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107176.D
Acq: 6 Jul 2018 16:47

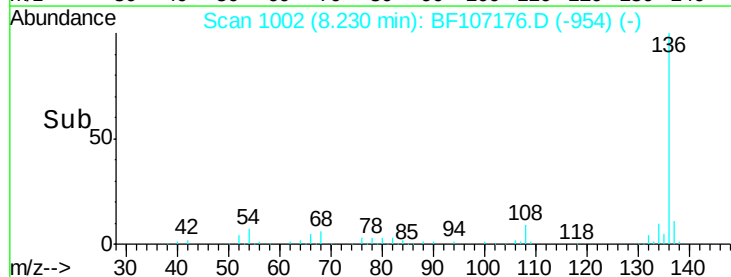
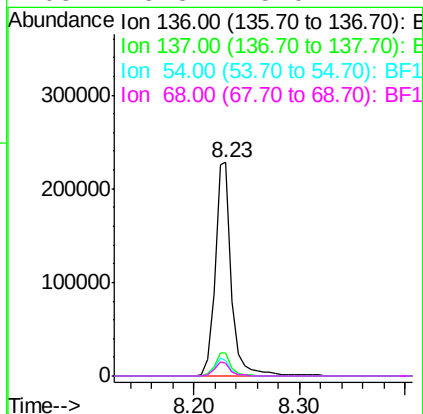
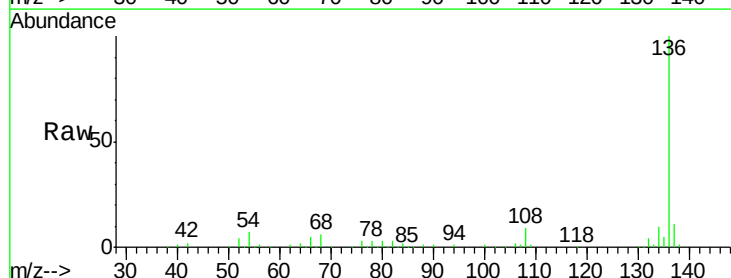
Instrument :
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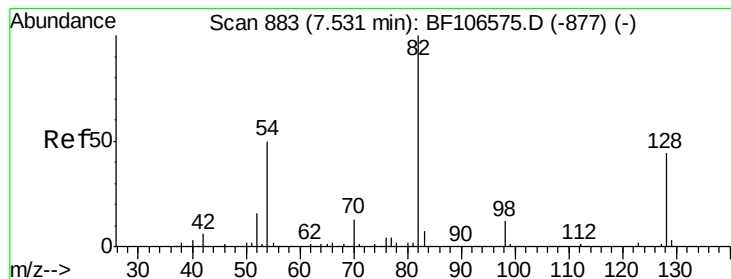
Tgt Ion: 70 Resp: 37258
Ion Ratio Lower Upper
70 100
42 40.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107176.D
Acq: 6 Jul 2018 16:47

Tgt Ion: 136 Resp: 250652
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 64.063 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107176.D

Acq: 6 Jul 2018 16:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-032

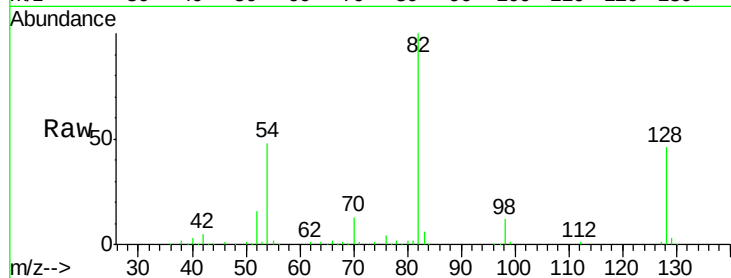
Tgt Ion: 82 Resp: 288942

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

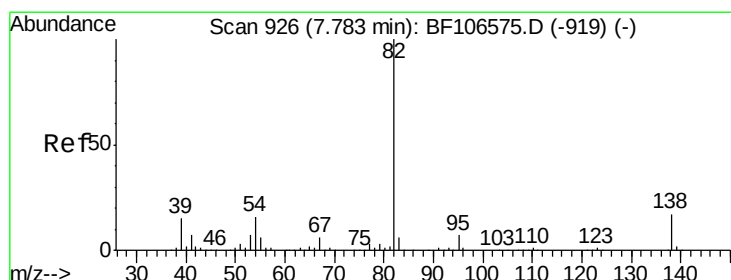
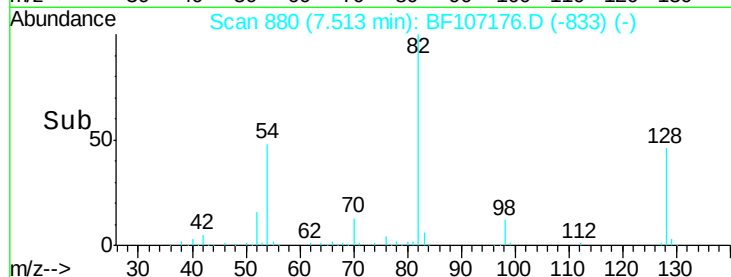
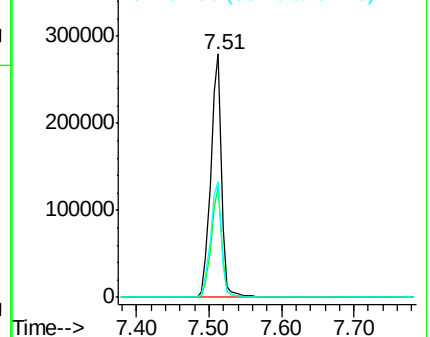
54 47.6 41.4 62.2



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



#25

Isophorone

Concen: 36.355 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107176.D

Acq: 6 Jul 2018 16:47

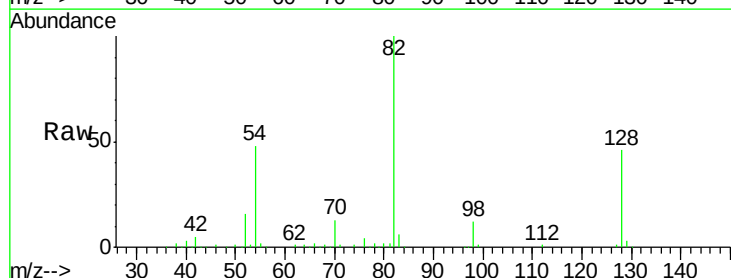
Tgt Ion: 82 Resp: 288940

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

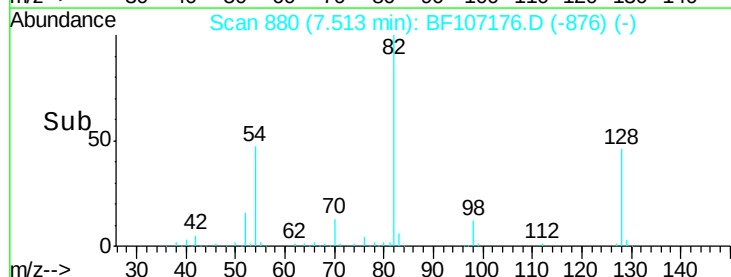
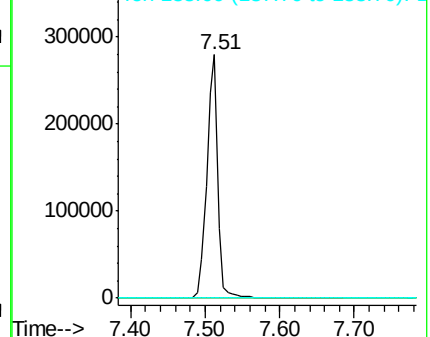
138 0.0 14.9 22.3#

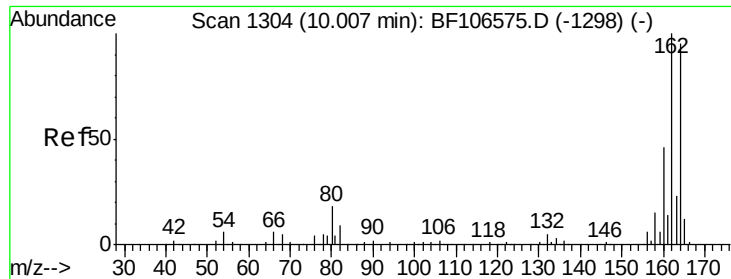


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

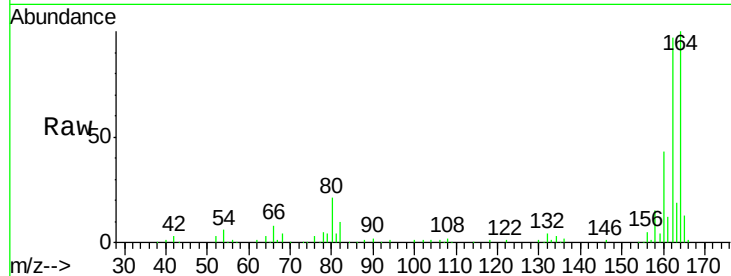




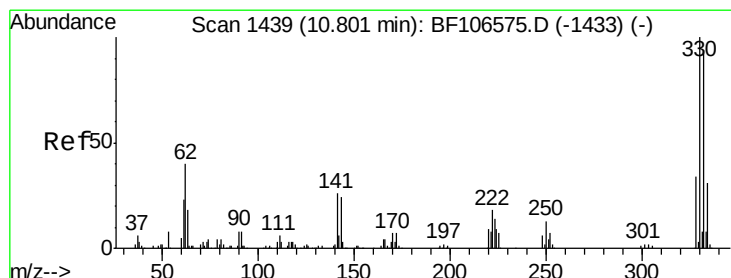
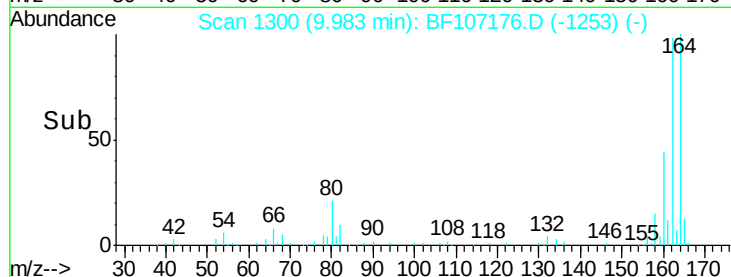
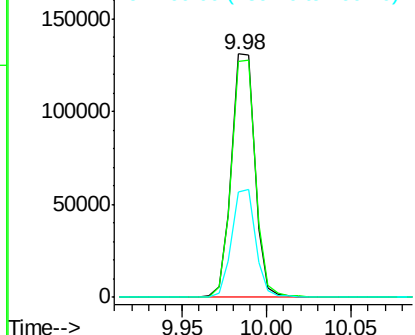
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-032

Tgt Ion:164 Resp: 126515
 Ion Ratio Lower Upper
 164 100
 162 96.9 86.1 129.1
 160 43.1 38.3 57.5

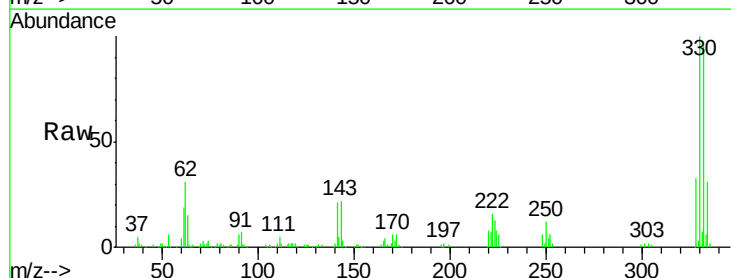


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

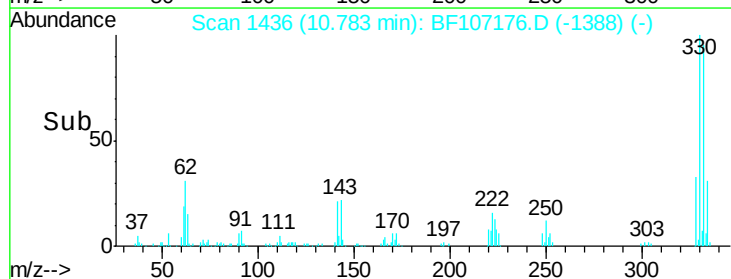
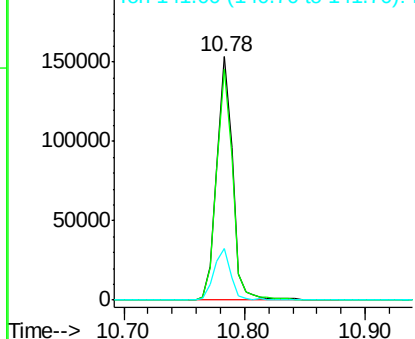


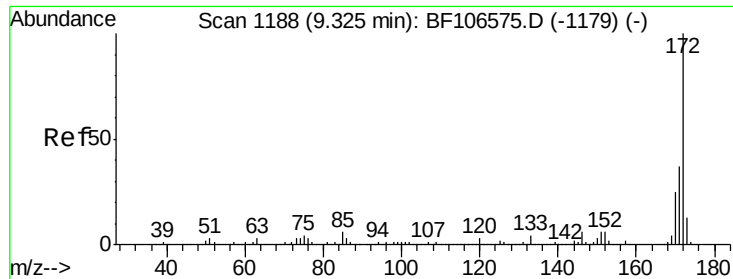
#41
 2,4,6-Tribromophenol
 Concen: 93.957 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Tgt Ion:330 Resp: 137773
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 22.6 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

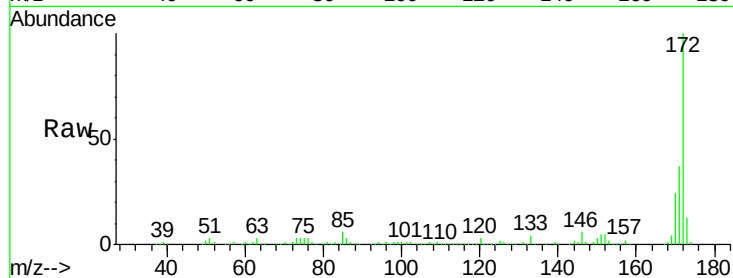




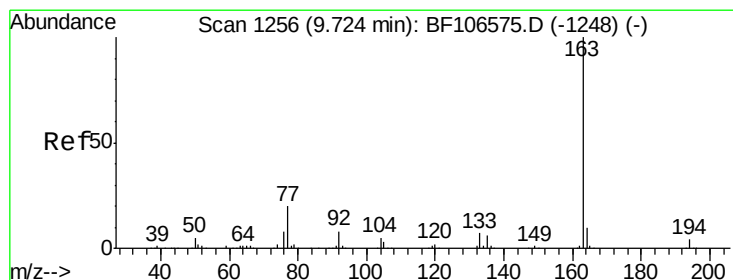
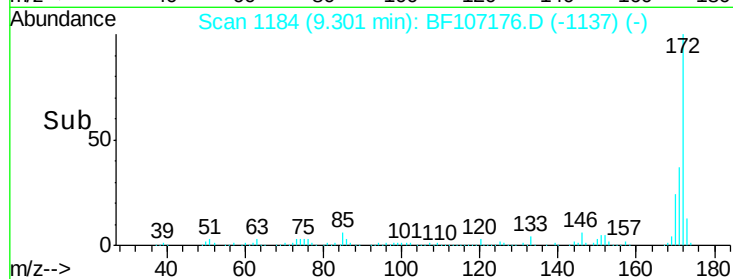
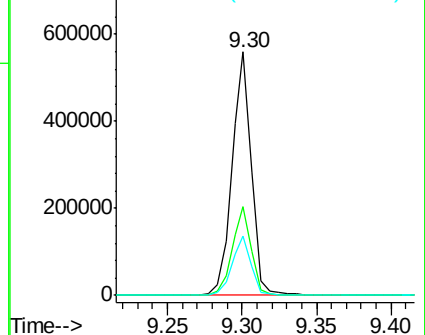
#44
2-Fluorobiphenyl
Concen: 65.304 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107176.D
Acq: 6 Jul 2018 16:47

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-032

Tgt Ion:172 Resp: 513662
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

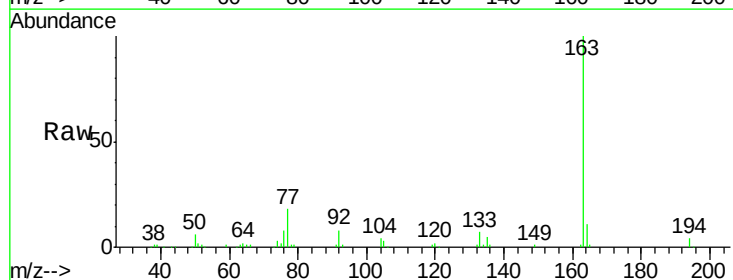


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

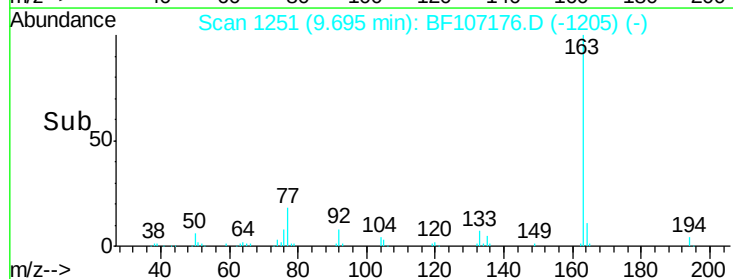
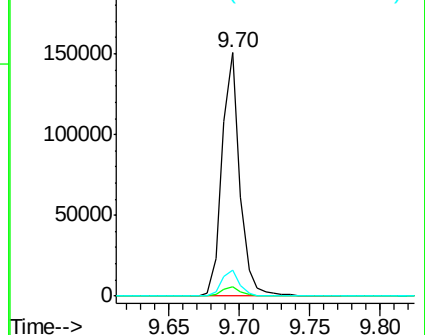


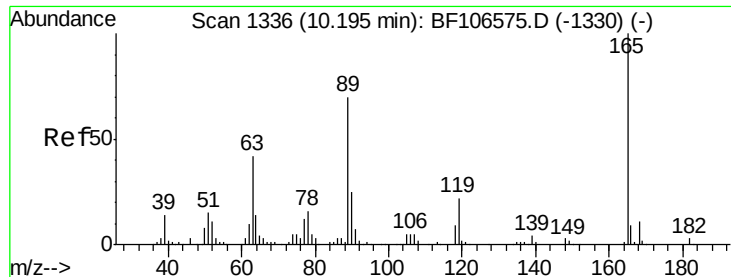
#49
Dimethylphthalate
Concen: 13.880 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107176.D
Acq: 6 Jul 2018 16:47

Tgt Ion:163 Resp: 131706
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 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

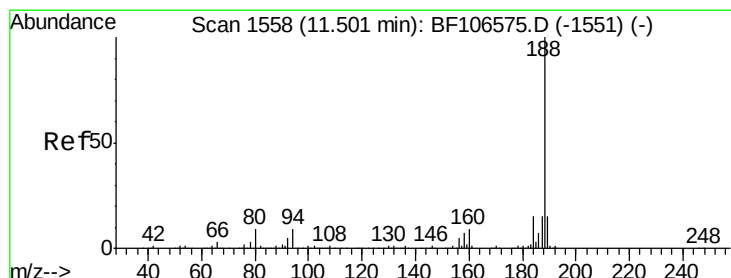
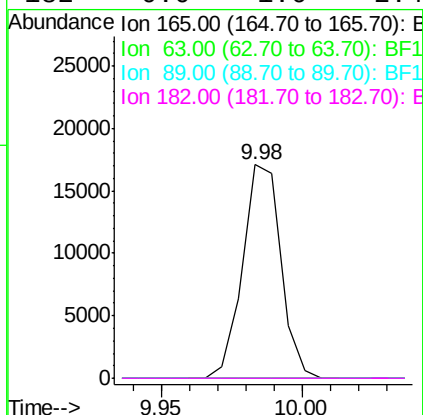
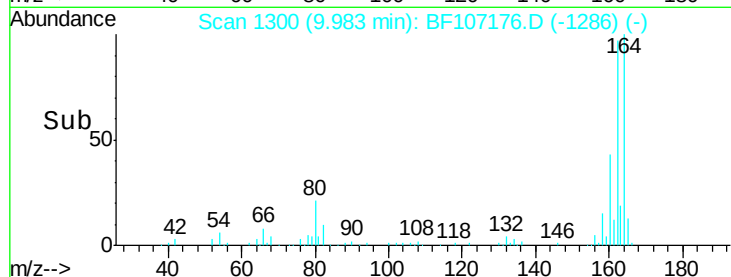
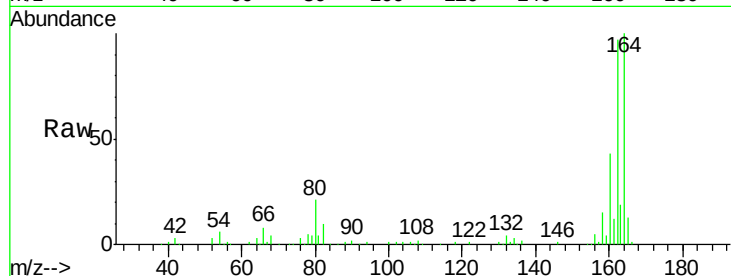




#56
 2,4-Dinitrotoluene
 Concen: 6.143 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

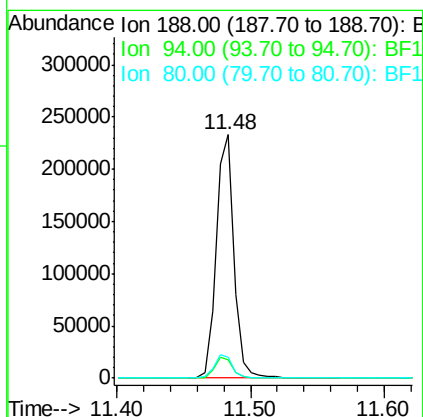
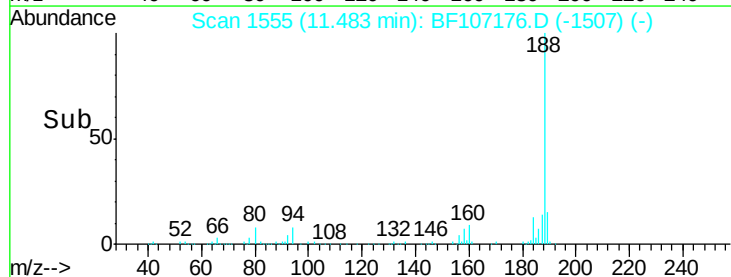
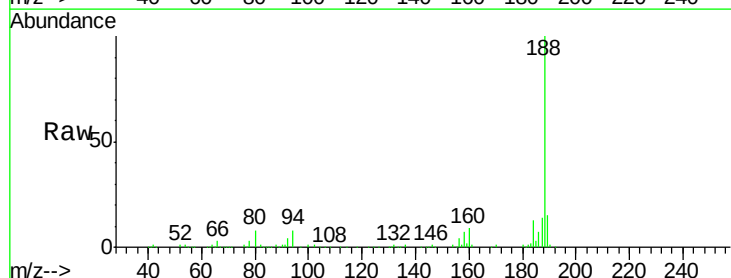
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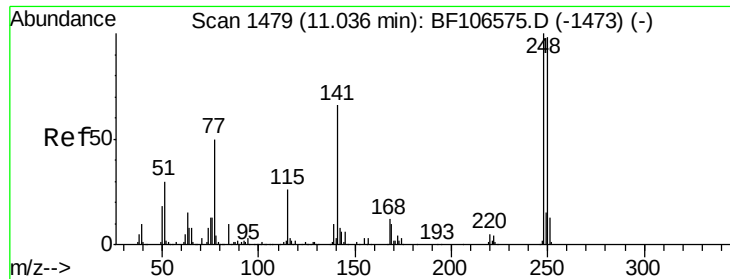
Tgt Ion:	165	Resp:	16112
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Tgt Ion:	188	Resp:	217729
Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.4	9.2	13.8#

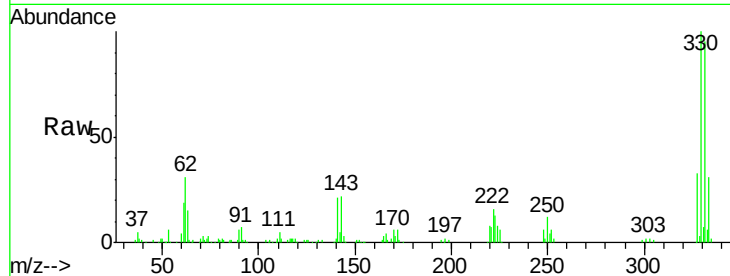




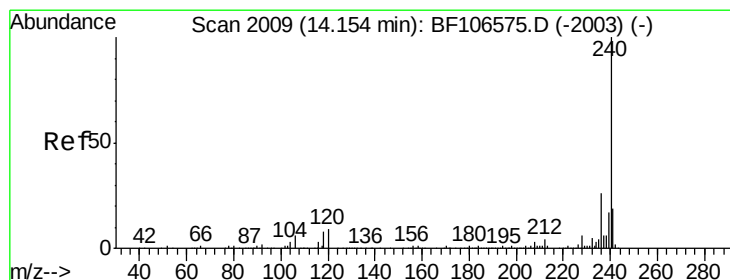
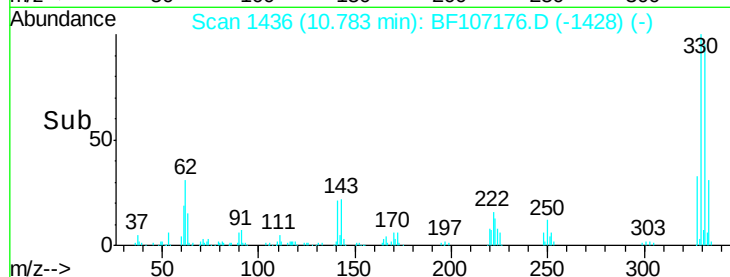
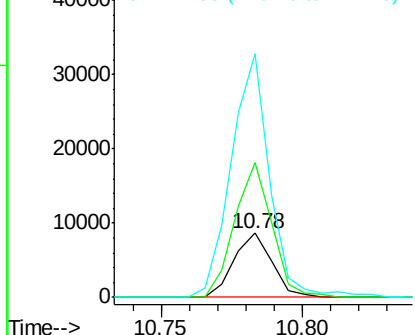
#66
 4-Bromophenyl-phenylether
 Concen: 3.110 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-032

Tgt Ion:248 Resp: 8081
 Ion Ratio Lower Upper
 248 100
 250 209.6 76.9 115.3#
 141 378.4 74.4 111.6#

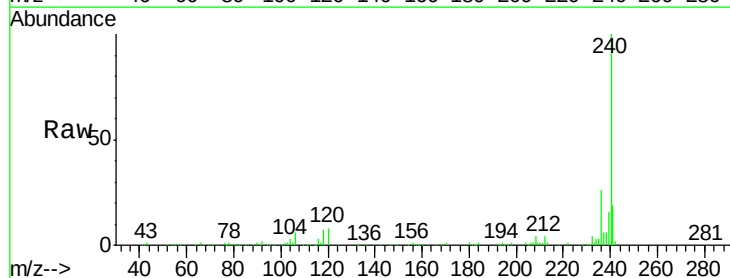


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

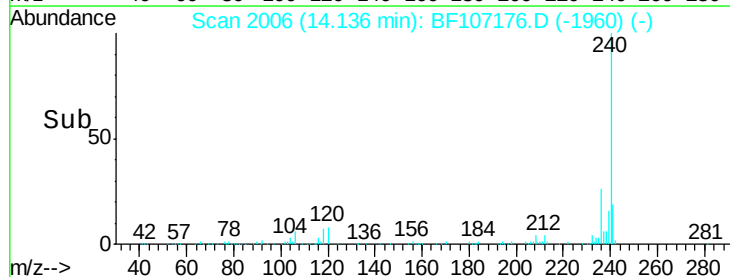
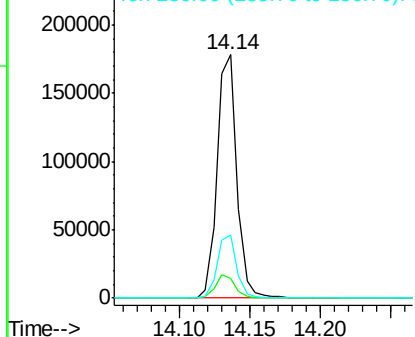


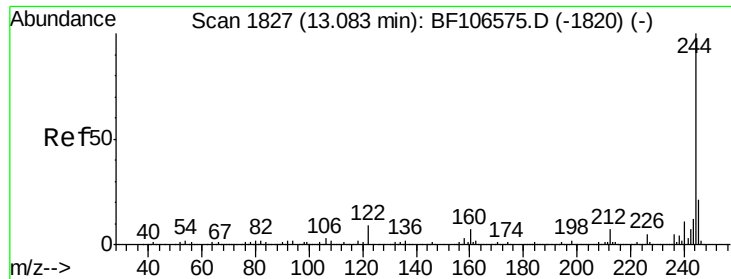
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Tgt Ion:240 Resp: 171704
 Ion Ratio Lower Upper
 240 100
 120 8.1 9.5 14.3#
 236 25.9 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

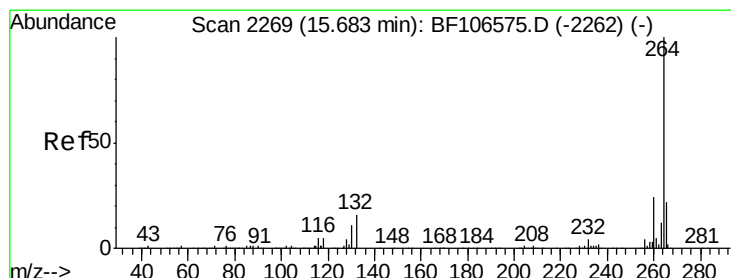
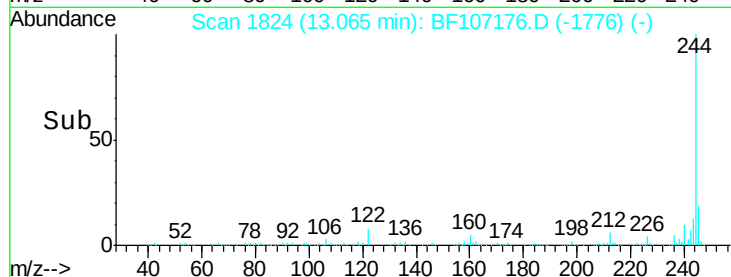
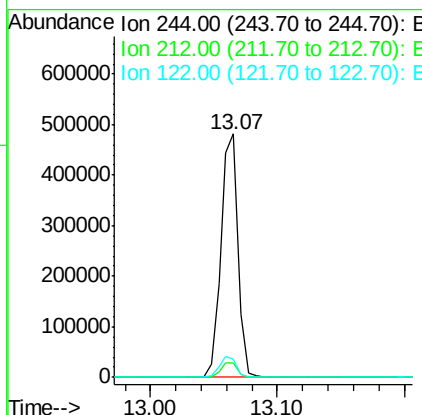
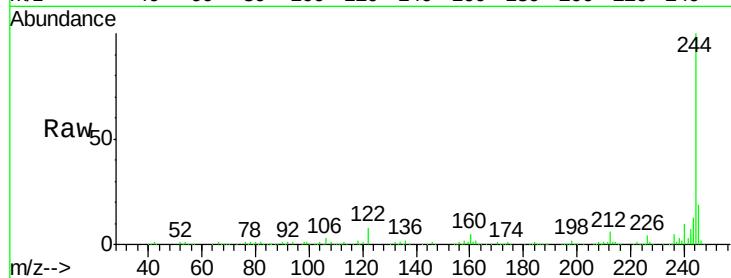




#78
 Terphenyl-d14
 Concen: 63.845 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-032

Tgt Ion: 244 Resp: 452563
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107176.D
 Acq: 6 Jul 2018 16:47

Tgt Ion: 264 Resp: 183329
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.5 26.3

