

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF107002.D
 Acq On : 30 Jun 2018 4:37
 Operator : JU/SJ
 Sample : J3720-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jun 30 05:33:46 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

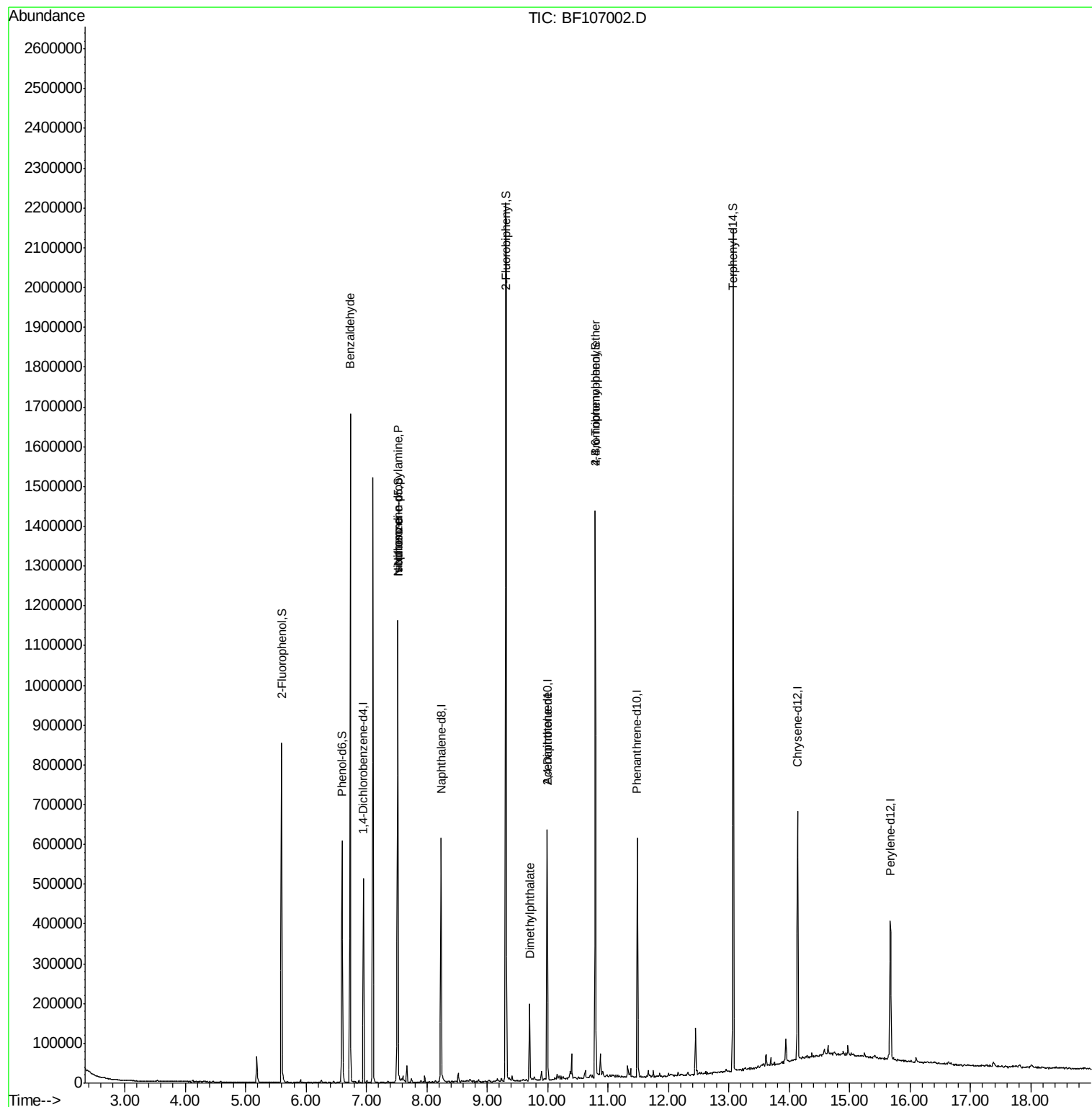
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81770	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	296901	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	136845	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	234204	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	234177	20.00	ng	-0.03
86) Perylene-d12	15.67	264	183732	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	258645	53.56	ng	0.00
7) Phenol-d6	6.60	99	201306	33.38	ng	-0.02
23) Nitrobenzene-d5	7.52	82	431034	80.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	212426	133.93	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	795318	101.18	ng	-0.02
78) Terphenyl-d14	13.07	244	829680	85.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10123	2.005	ng	# 82
19) n-Nitroso-di-n-propylamine	7.52	70	56706	14.265	ng	# 75
25) Isophorone	7.52	82	431030	45.785	ng	# 64
49) Dimethylphthalate	9.70	163	76244	7.429	ng	# 99
56) 2,4-Dinitrotoluene	9.99	165	17574	6.195	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	12809	4.583	ng	# 1

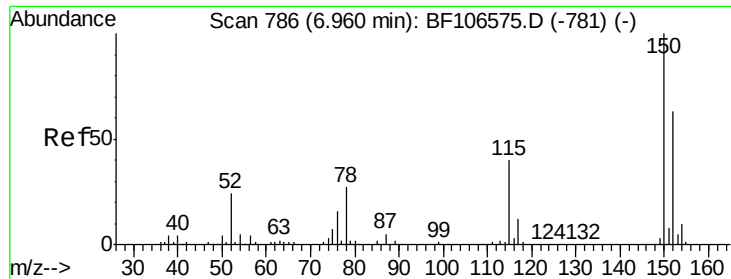
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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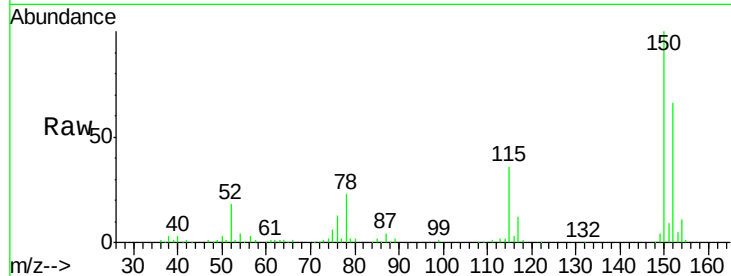




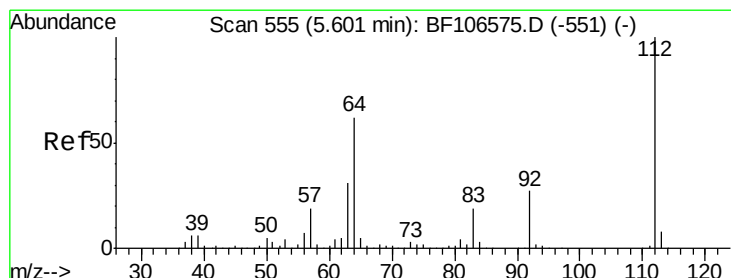
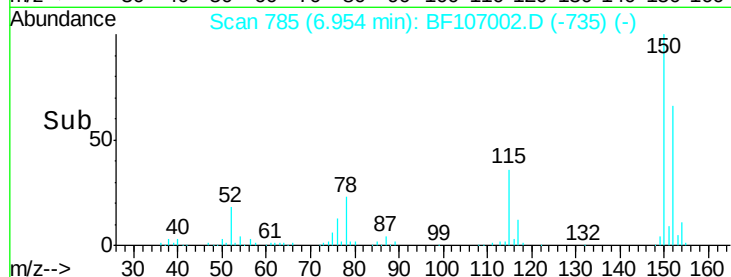
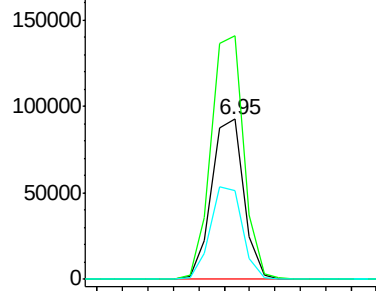
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:152 Resp: 81770
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 186.8
 115 55.2 50.1 75.1

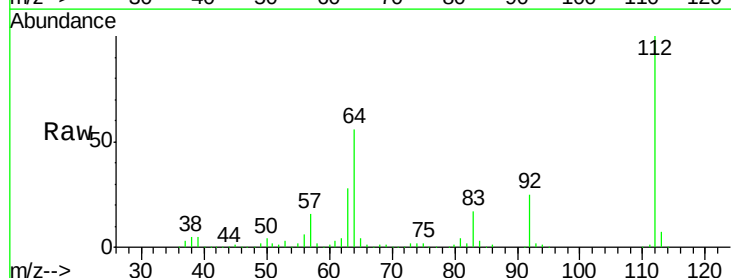


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

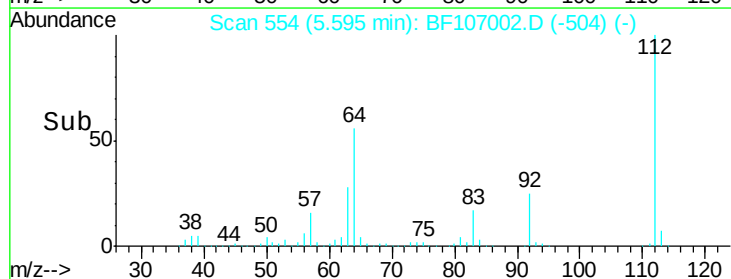
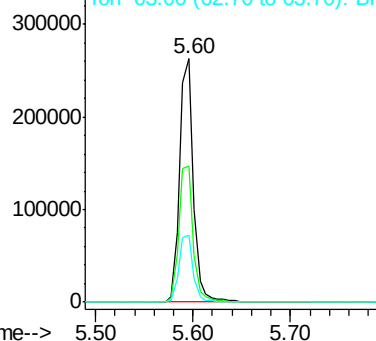


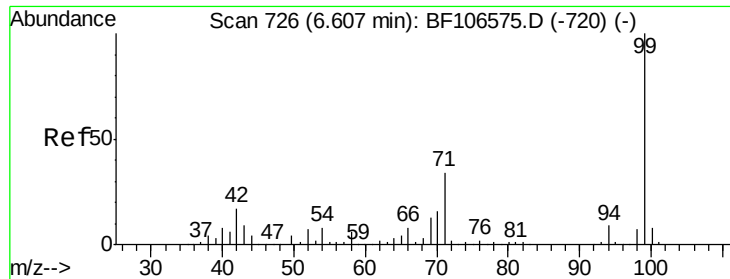
#5
 2-Fluorophenol
 Concen: 53.561 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Tgt Ion:112 Resp: 258645
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 27.5 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: 33.382 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

MW-3

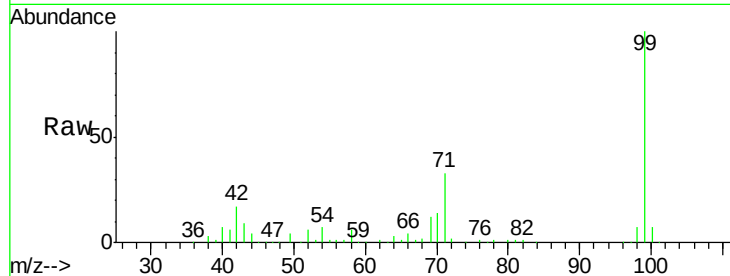
Tgt Ion: 99 Resp: 201306

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

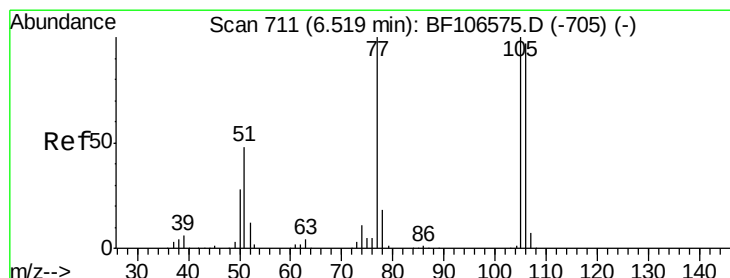
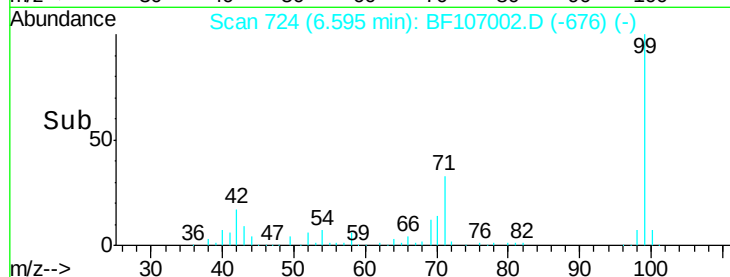
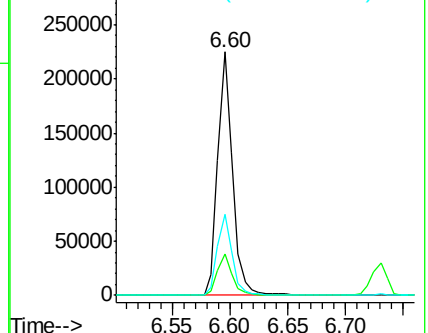
71 33.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.005 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

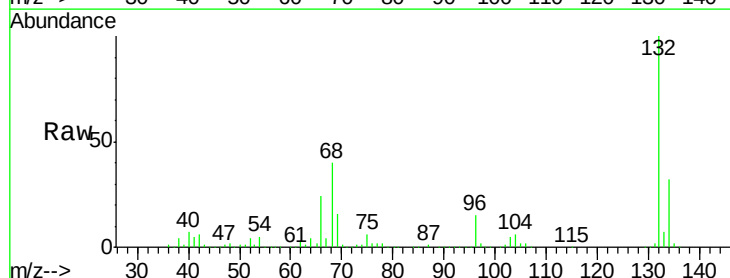
Tgt Ion: 77 Resp: 10123

Ion Ratio Lower Upper

77 100

105 79.6 81.1 121.1#

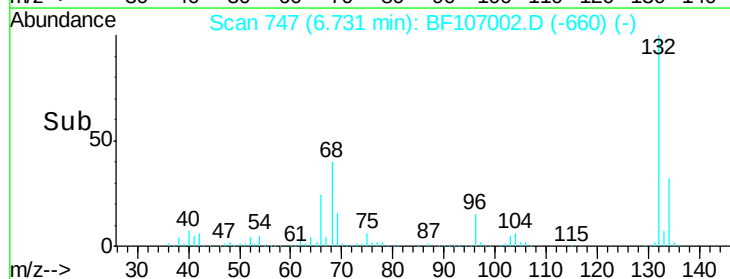
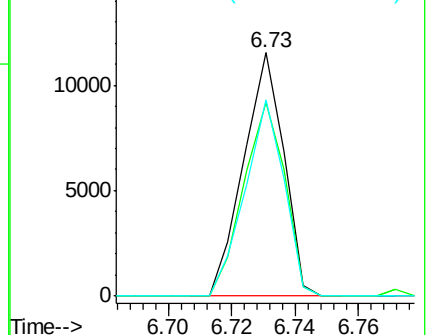
106 80.6 74.5 114.5

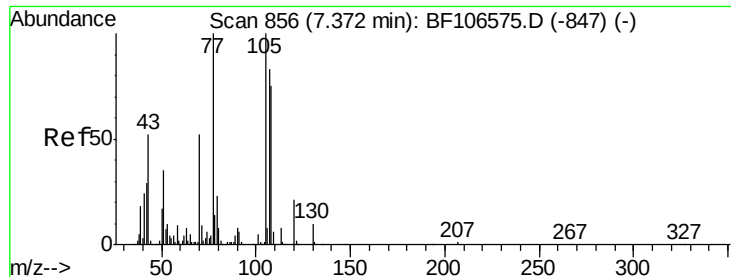


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

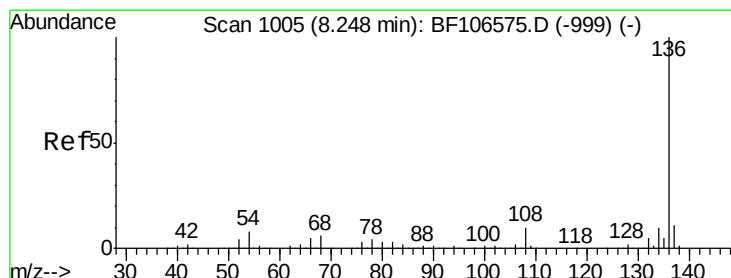
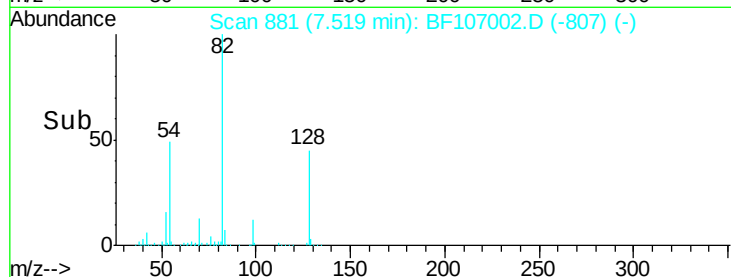
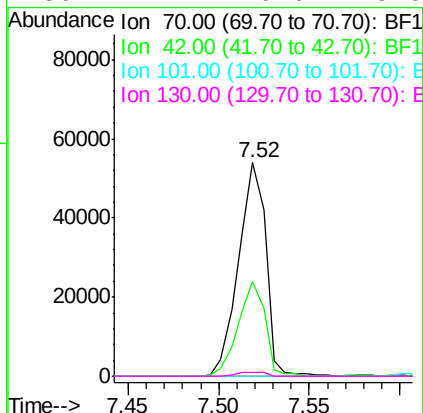
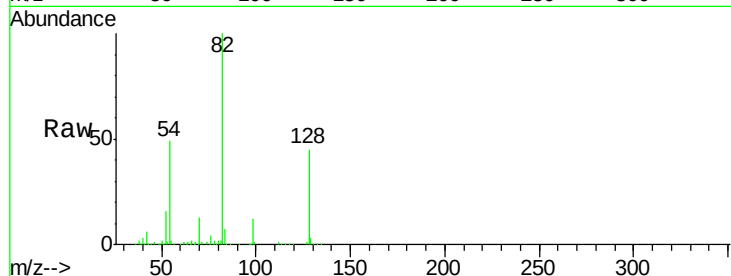




#19
n-Nitroso-di-n-propylamine
Concen: 14.265 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107002.D
Acq: 30 Jun 2018 4:37

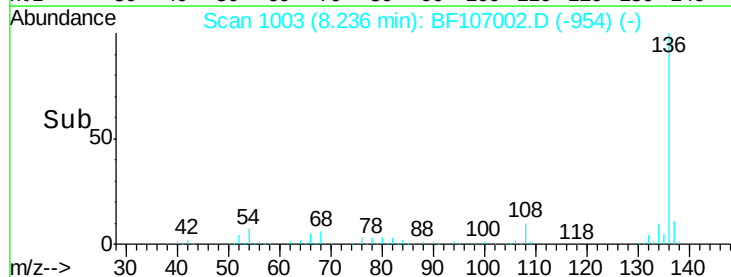
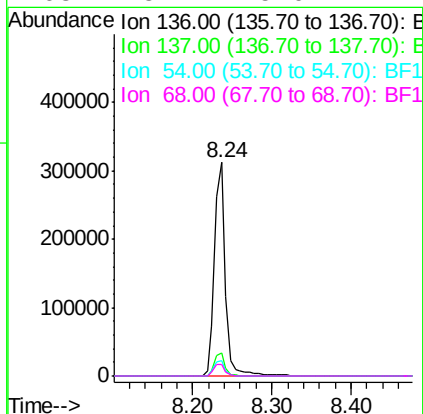
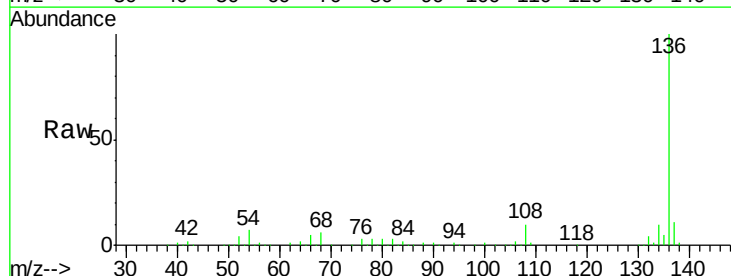
Instrument :
BNA_F
ClientSampleId :
MW-3

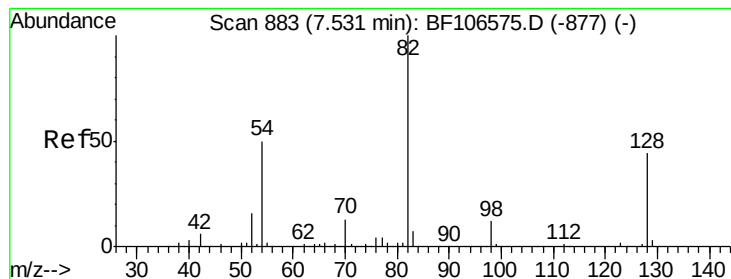
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107002.D
Acq: 30 Jun 2018 4:37

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 80.680 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

MW-3

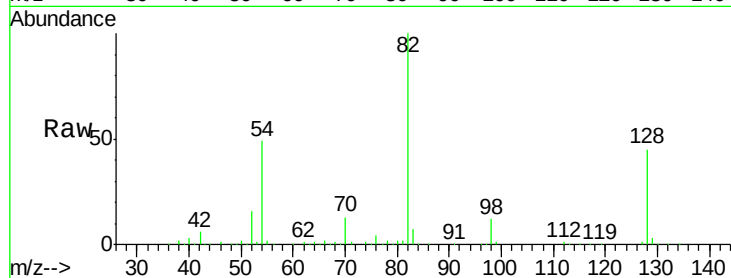
Tgt Ion: 82 Resp: 431034

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

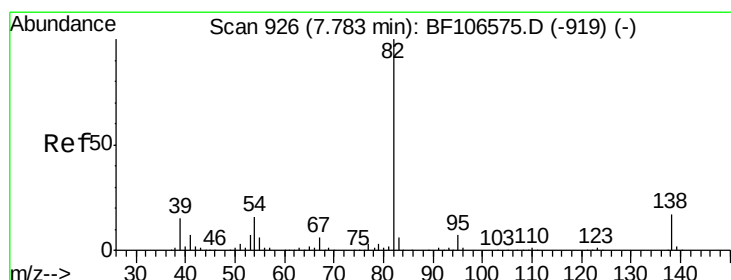
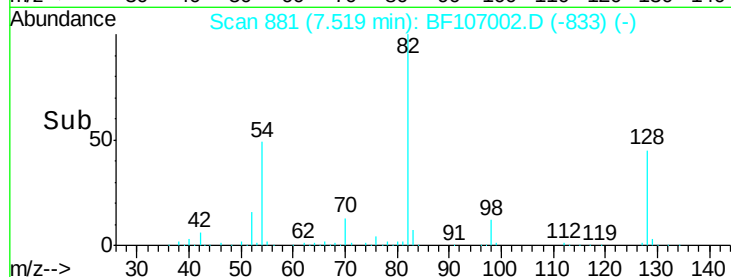
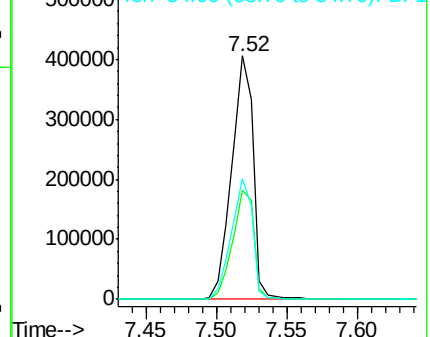
54 49.5 41.4 62.2



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: 45.785 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

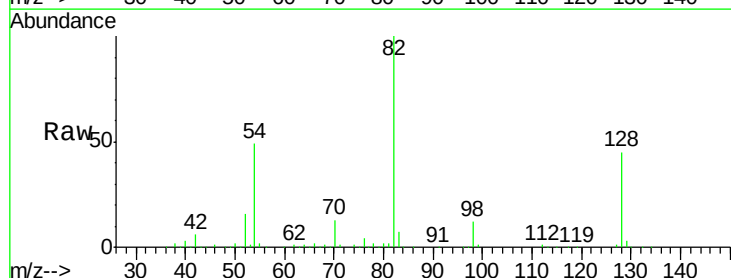
Tgt Ion: 82 Resp: 431030

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

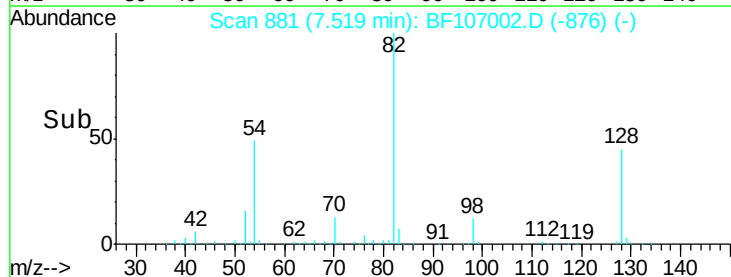
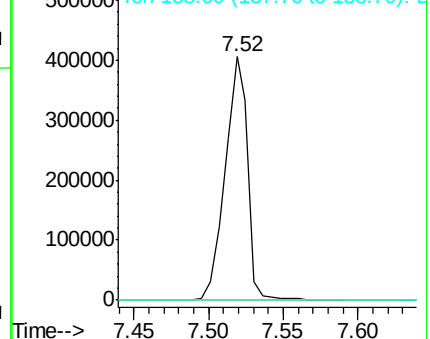
138 0.0 14.9 22.3#

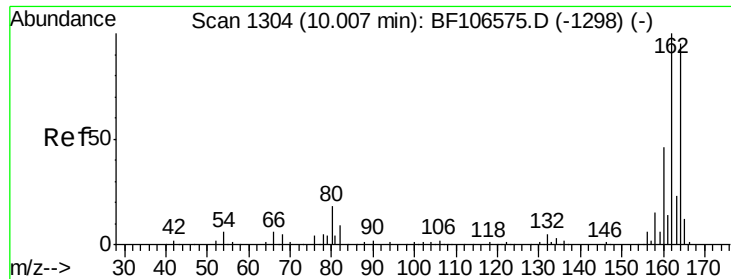


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

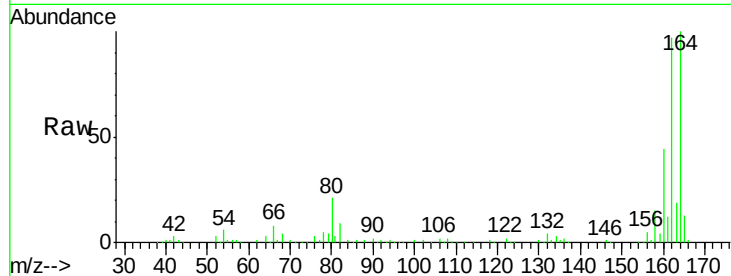




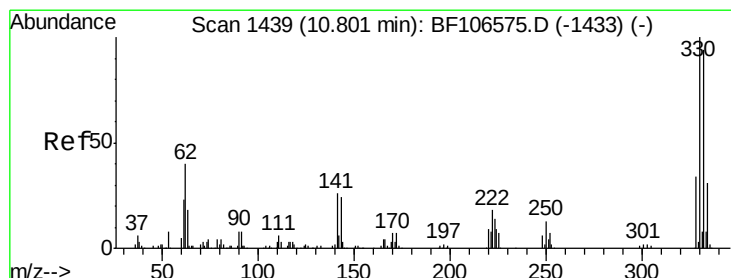
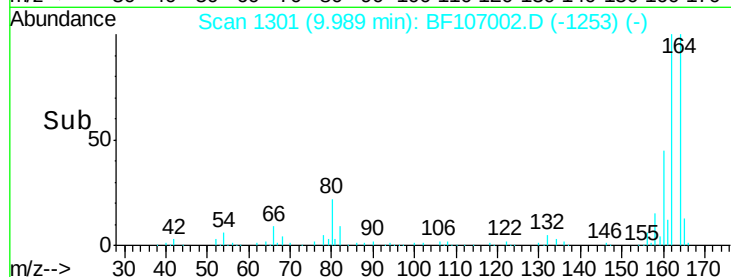
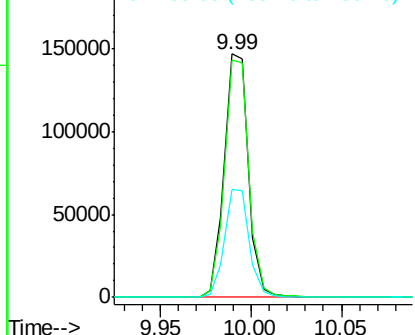
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 136845
 Ion Ratio Lower Upper
 164 100
 162 97.3 86.1 129.1
 160 44.1 38.3 57.5

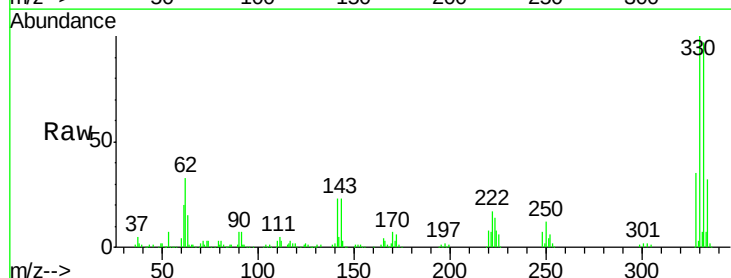


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

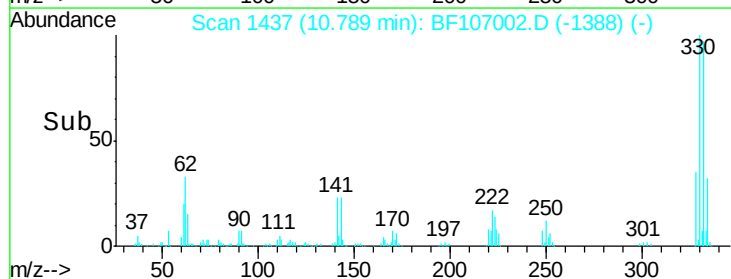
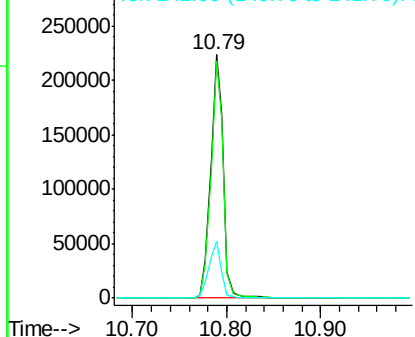


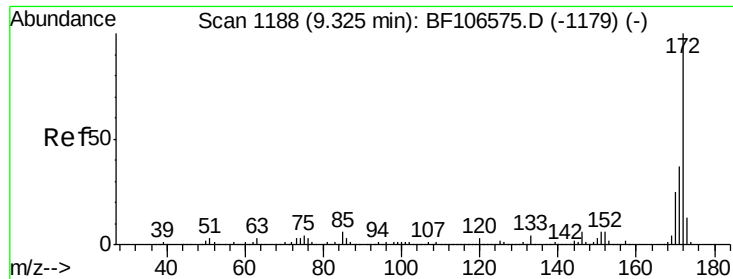
#41
 2,4,6-Tribromophenol
 Concen: 133.932 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Tgt Ion:330 Resp: 212426
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 23.0 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

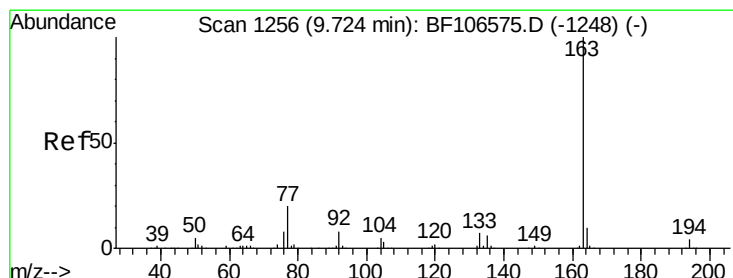
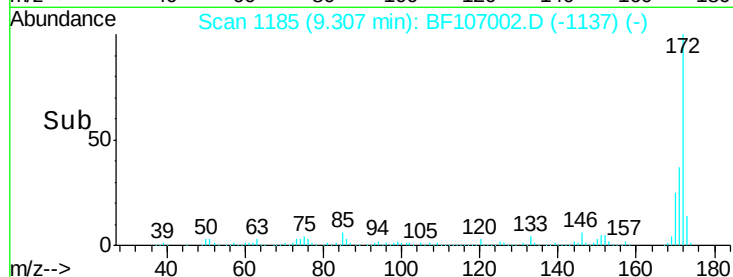
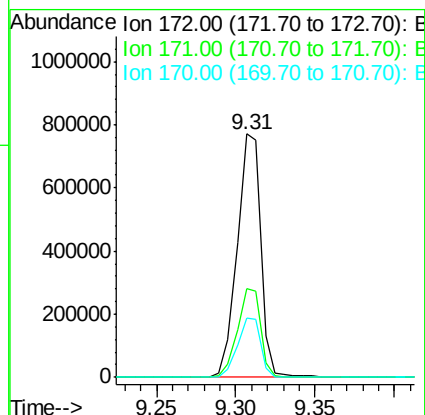
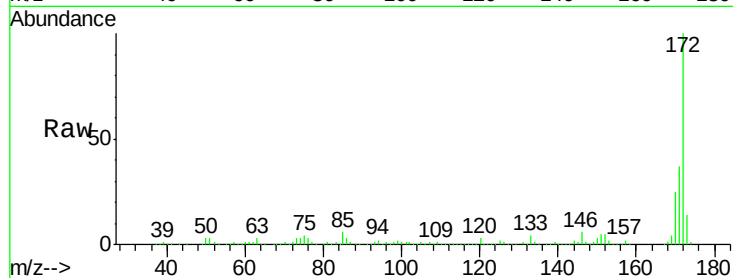




#44
 2-Fluorobiphenyl
 Concen: 101.180 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

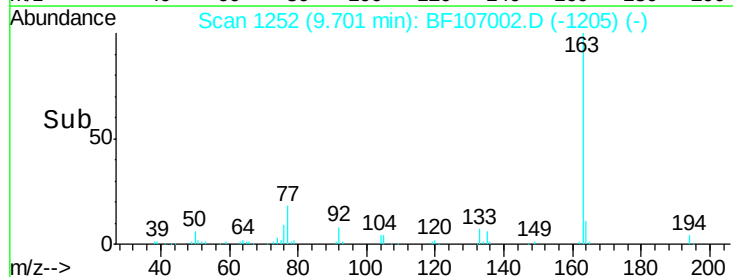
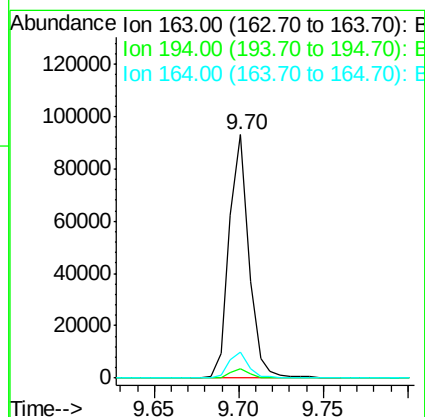
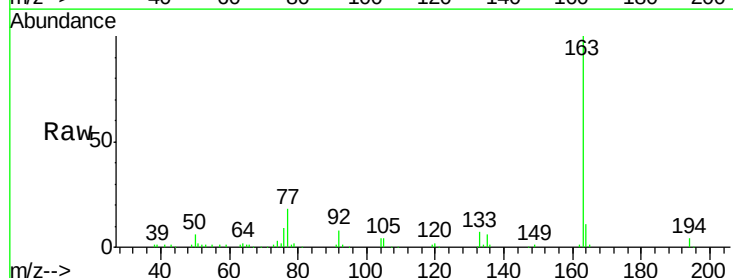
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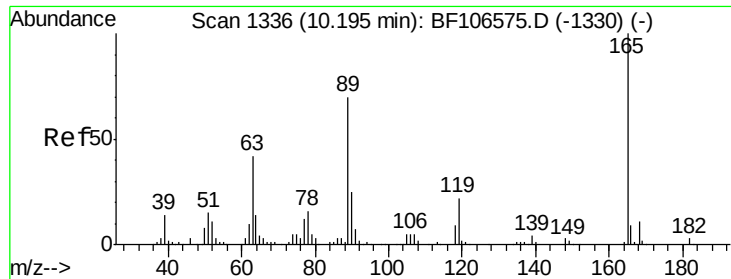
Tgt Ion:172 Resp: 795318
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.429 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Tgt Ion:163 Resp: 76244
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.8 8.2 12.2

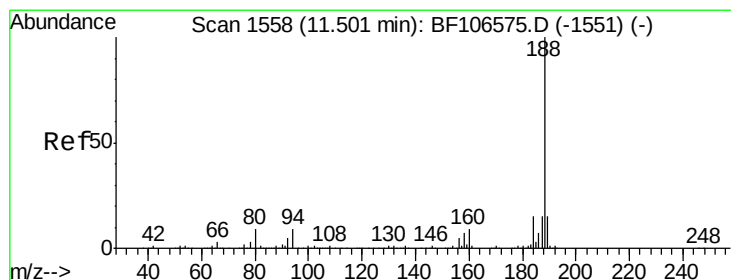
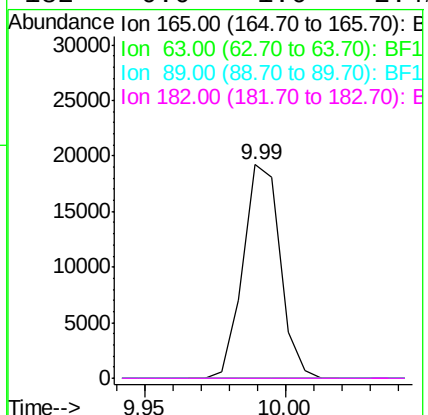
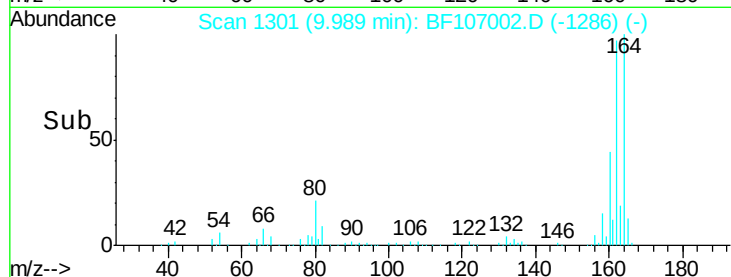
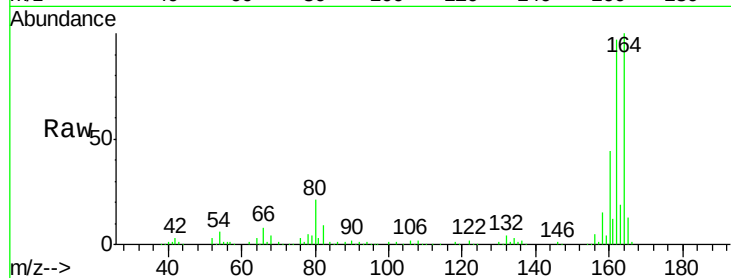




#56
 2,4-Dinitrotoluene
 Concen: 6.195 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

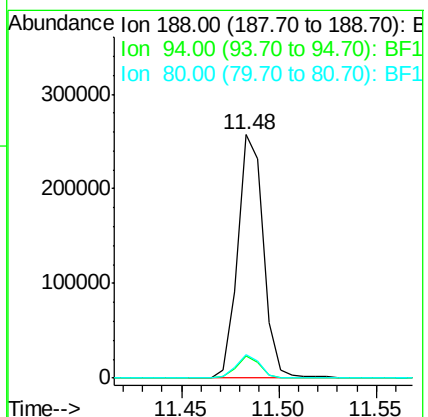
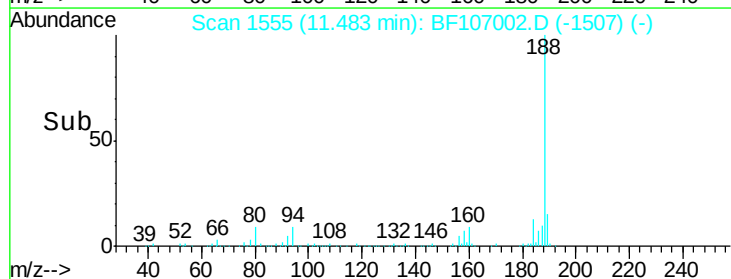
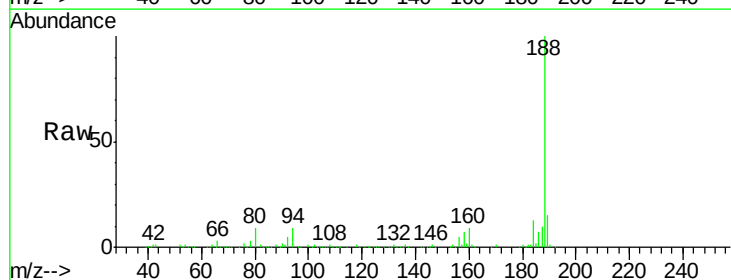
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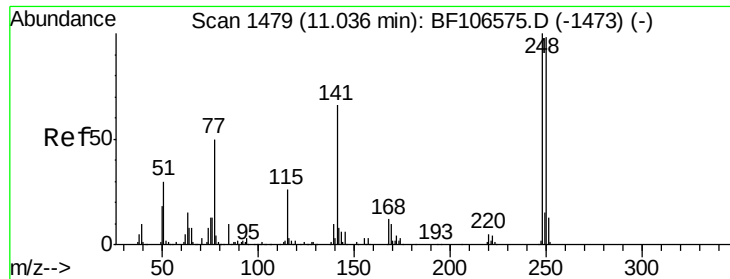
Tgt Ion:	165	Resp:	17574
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Tgt Ion:	188	Resp:	234204
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.5	9.2	13.8

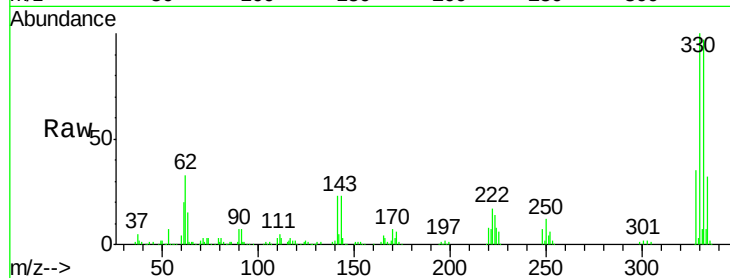




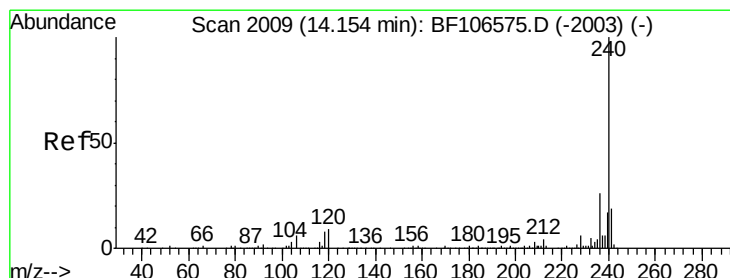
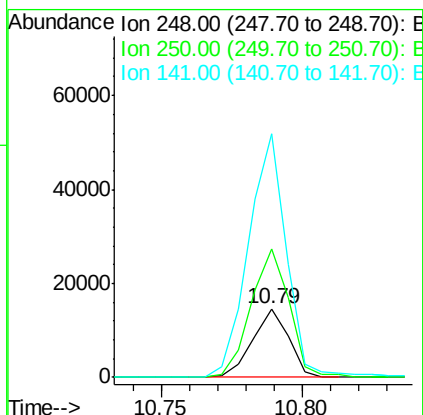
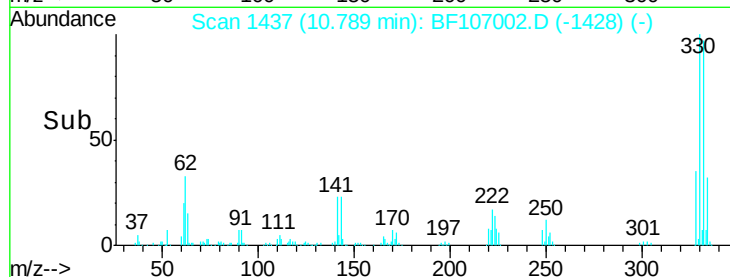
#66
 4-Bromophenyl-phenylether
 Concen: 4.583 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:248 Resp: 12809
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.9 115.3#
 141 356.2 74.4 111.6#

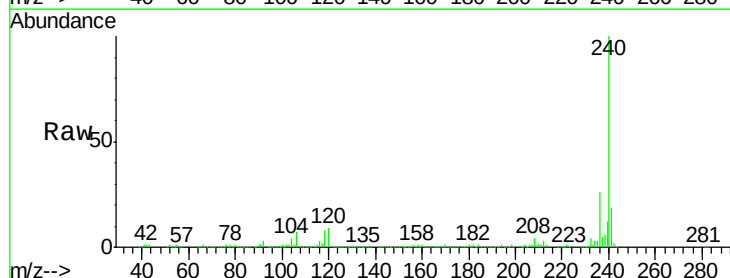


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

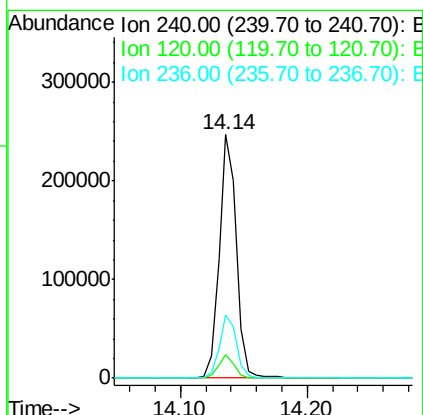
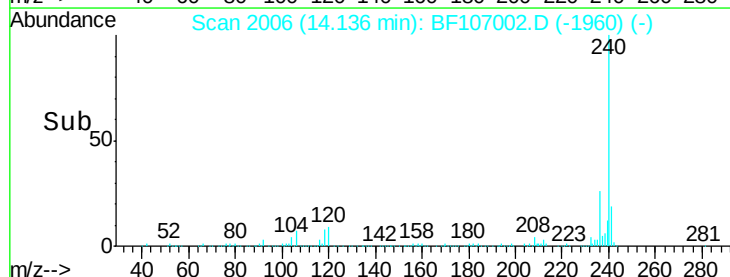


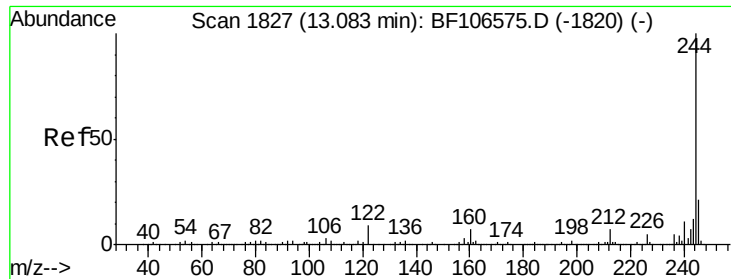
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Tgt Ion:240 Resp: 234177
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 25.8 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

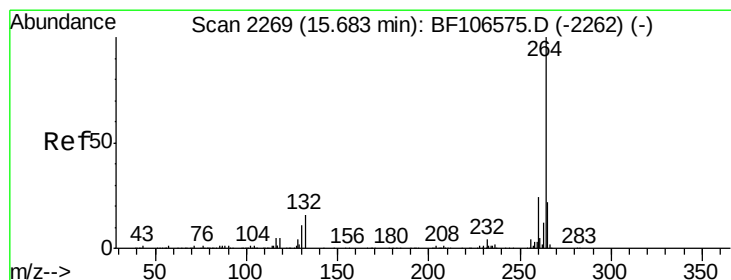
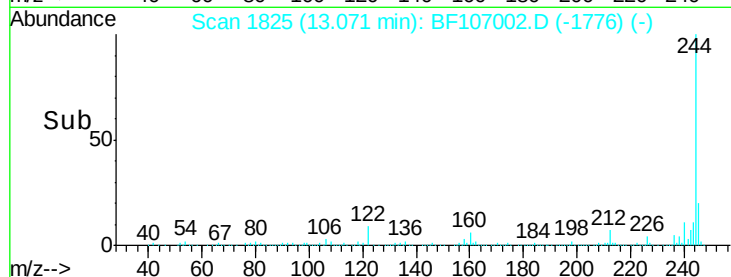
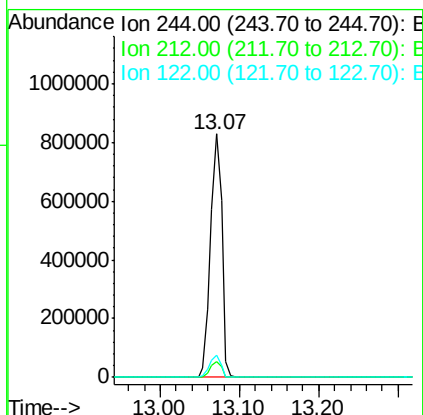
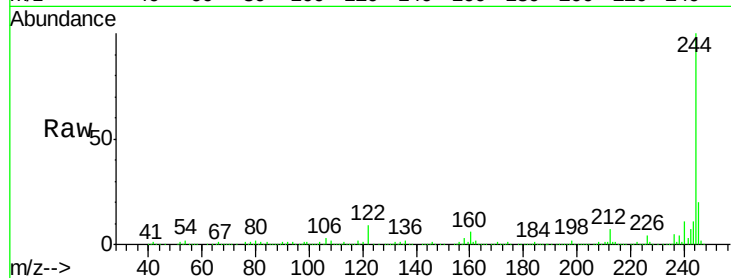




#78
 Terphenyl-d14
 Concen: 85.821 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107002.D
 Acq: 30 Jun 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion: 244 Resp: 829680
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.0 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: BF107002.D
 Acq: 30 Jun 2018 4:37

Tgt Ion: 264 Resp: 183732
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.5 26.3

