

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106955.D
 Acq On : 29 Jun 2018 7:08
 Operator : JU/SJ
 Sample : J3693-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Jun 29 07:59:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

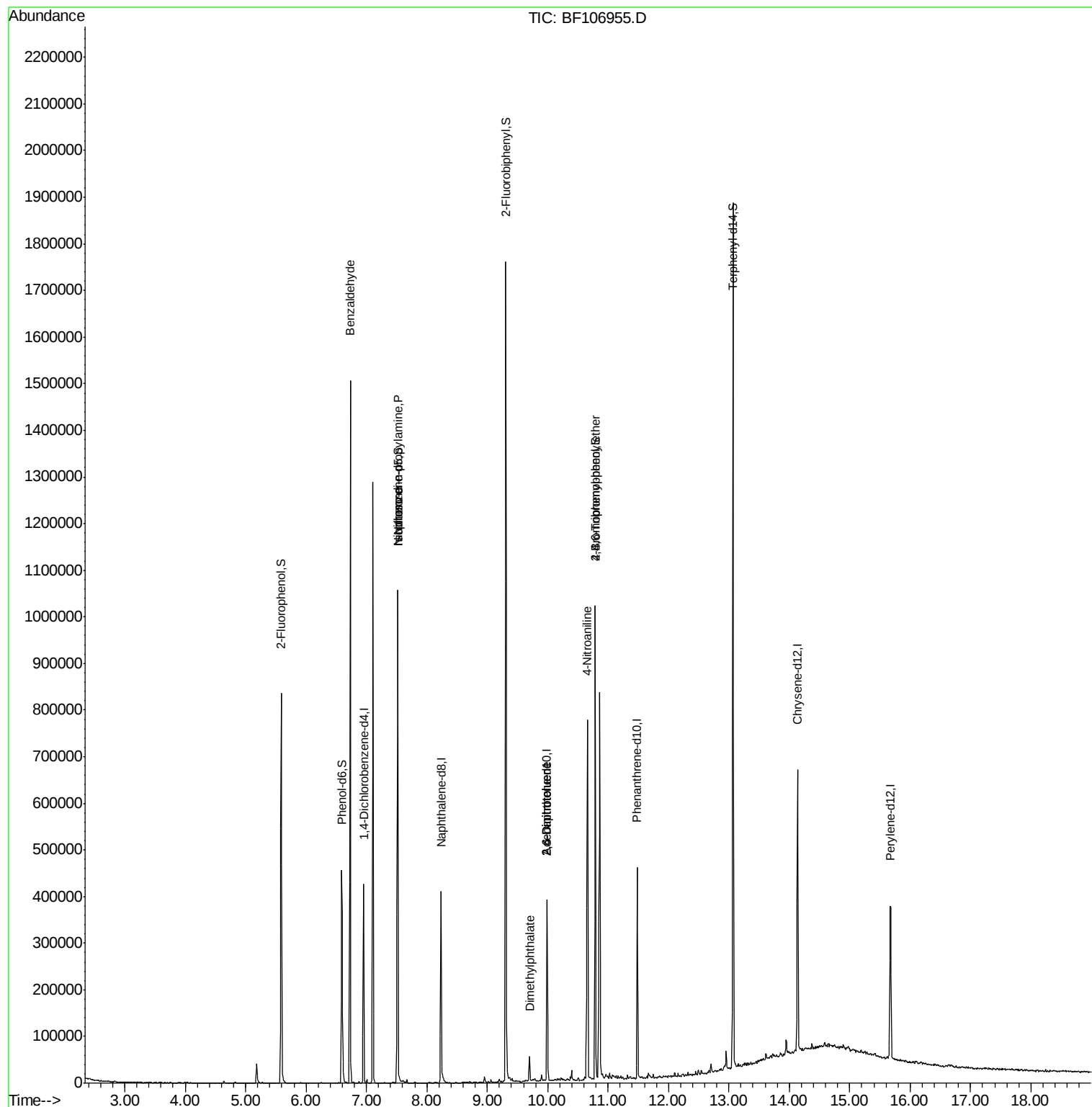
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64758	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	212562	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	85361	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	159021	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	216555	20.00	ng	-0.03
86) Perylene-d12	15.67	264	174600	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	234263	61.26	ng	-0.01
7) Phenol-d6	6.59	99	175712	36.79	ng	-0.02
23) Nitrobenzene-d5	7.52	82	346544	90.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	143235	144.78	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	558633	116.18	ng	-0.02
78) Terphenyl-d14	13.07	244	702885	78.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	8450	2.109	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.52	70	44931	14.272	ng	# 72
25) Isophorone	7.52	82	346537	51.415	ng	# 64
49) Dimethylphthalate	9.70	163	23931	3.738	ng	# 96
50) 2,6-Dinitrotoluene	9.99	165	10916	8.052	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	10916	6.169	ng	# 21
61) 4-Nitroaniline	10.67	138	3147	2.033	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	9191	4.843	ng	# 1

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

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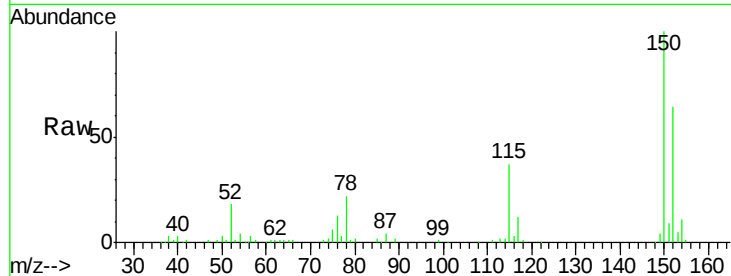




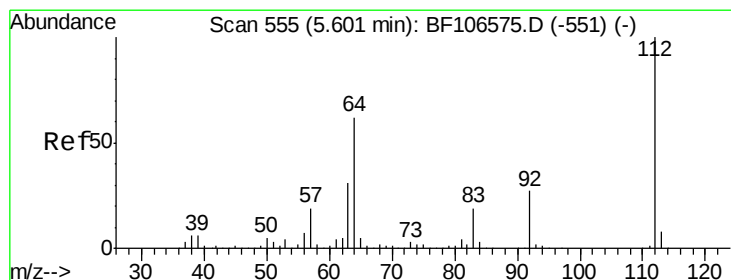
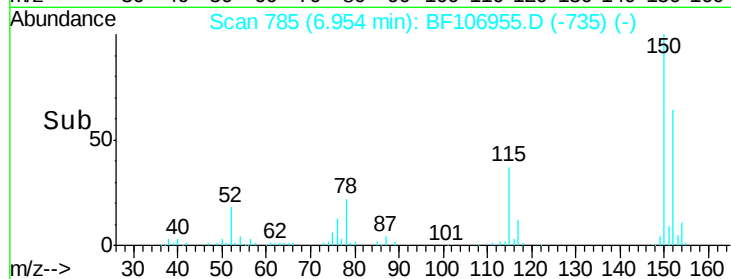
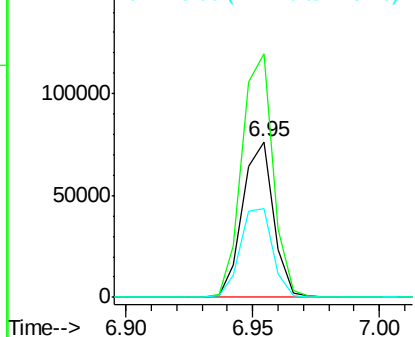
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tgt Ion:152 Resp: 64758
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 57.1 50.1 75.1

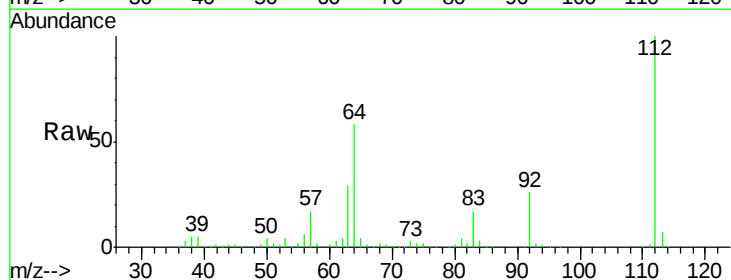


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

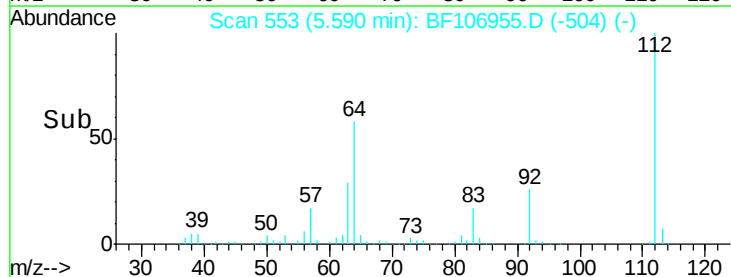
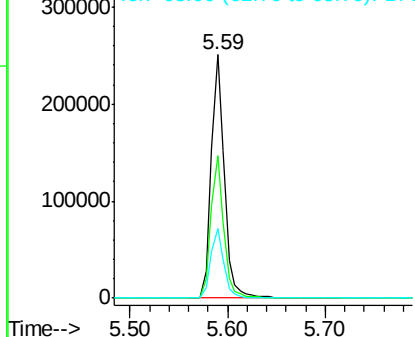


#5
 2-Fluorophenol
 Concen: 61.256 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Tgt Ion:112 Resp: 234263
 Ion Ratio Lower Upper
 112 100
 64 58.4 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: 36.792 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106955.D

Acq: 29 Jun 2018 7:08

Instrument :

BNA_F

ClientSampleId :

W-12

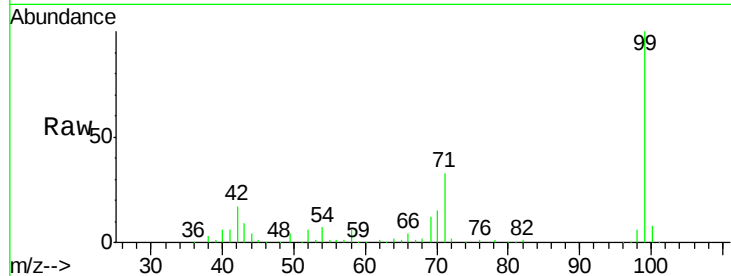
Tgt Ion: 99 Resp: 175712

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

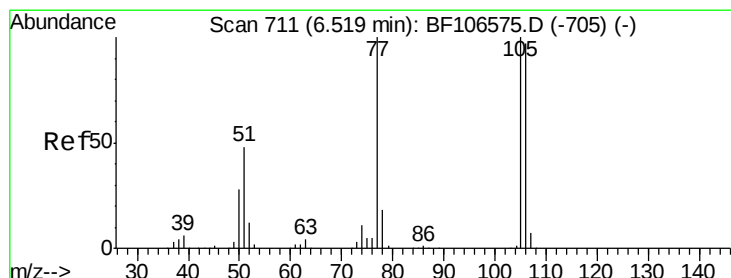
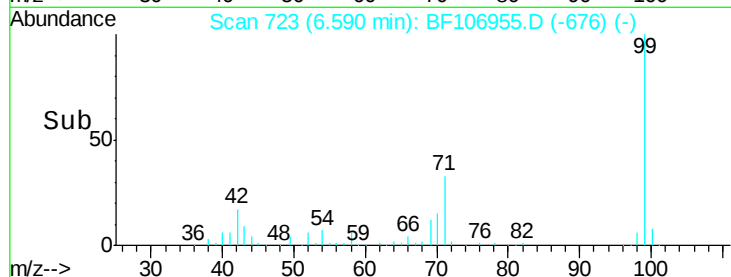
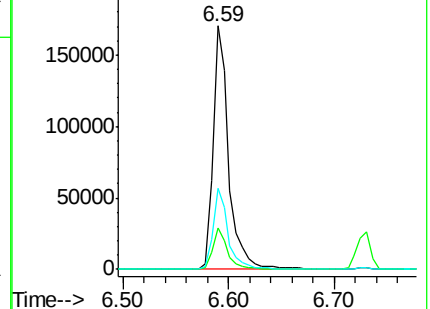
71 33.3 25.4 38.0



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: 2.109 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106955.D

Acq: 29 Jun 2018 7:08

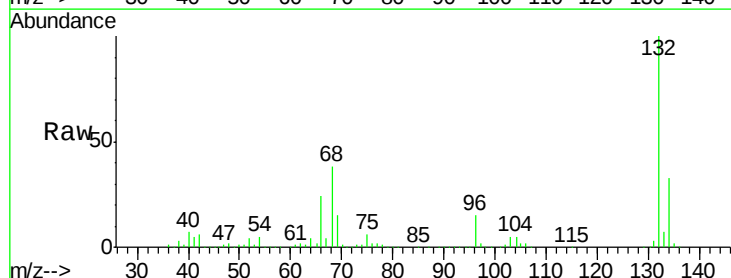
Tgt Ion: 77 Resp: 8450

Ion Ratio Lower Upper

77 100

105 82.8 81.1 121.1

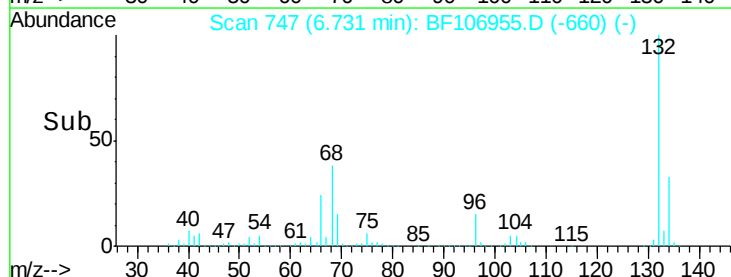
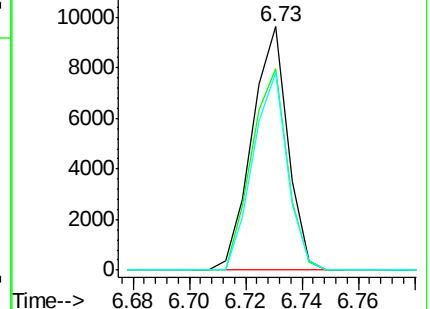
106 81.3 74.5 114.5

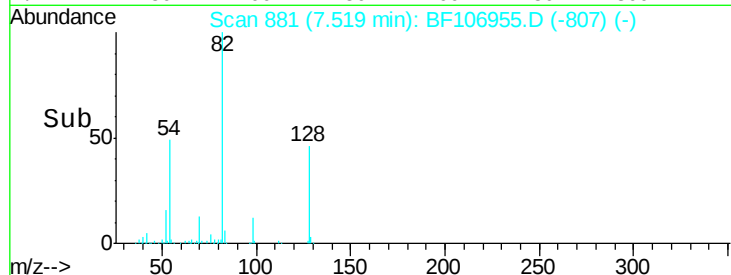
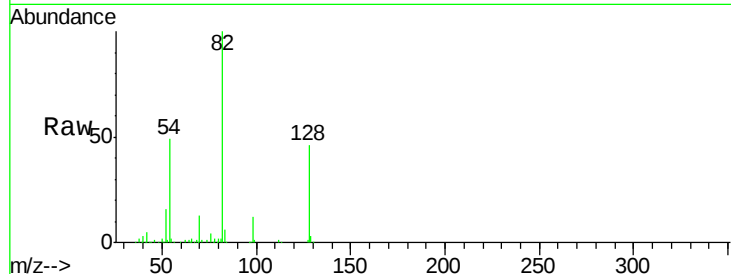
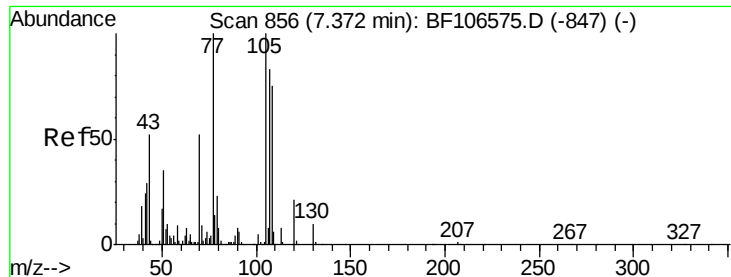


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

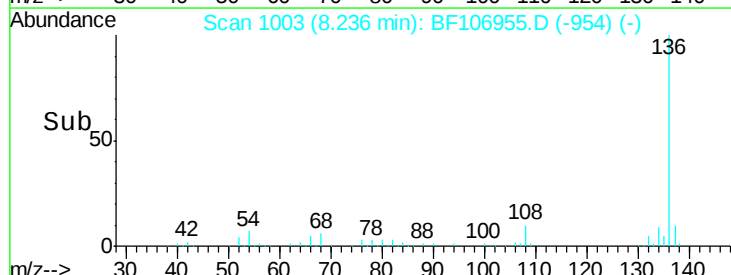
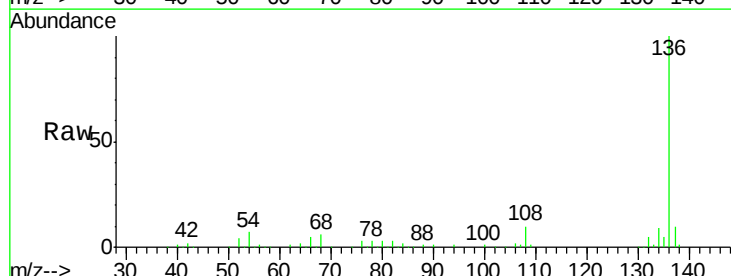
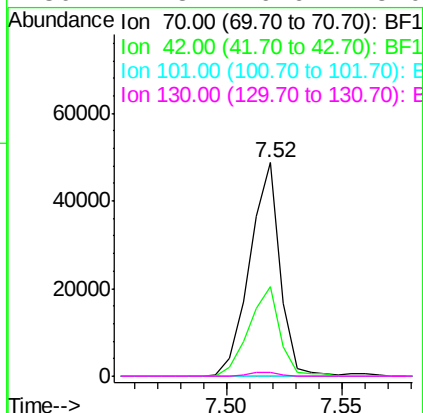




#19
n-Nitroso-di-n-propylamine
Concen: 14.272 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

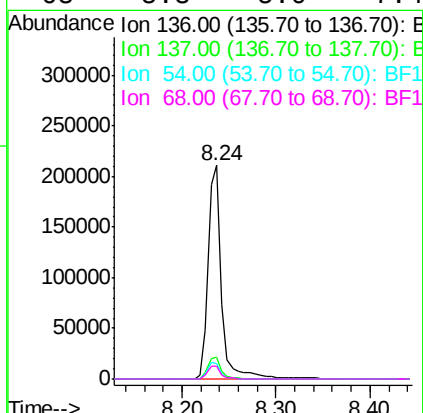
Instrument :
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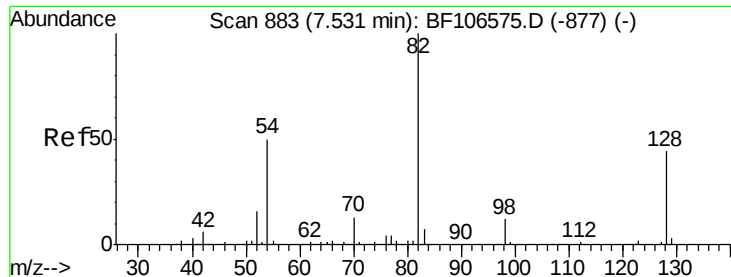
Tgt Ion:	70	Resp:	44931
Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

Tgt Ion:	136	Resp:	212562
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4

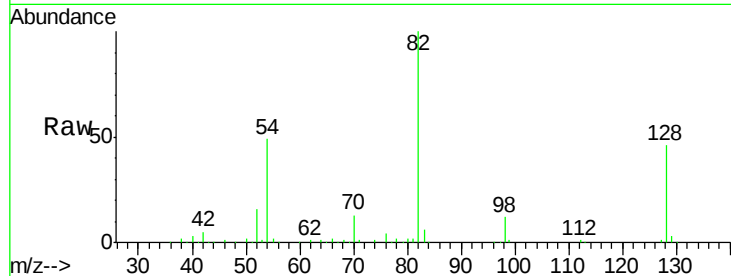




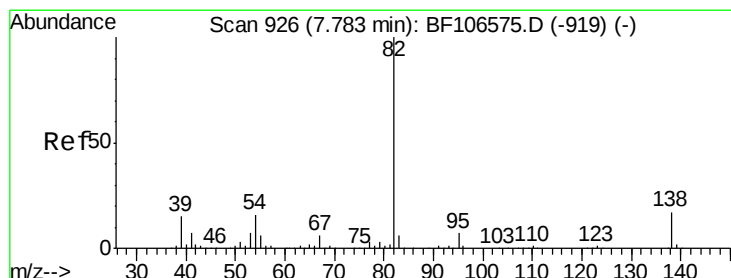
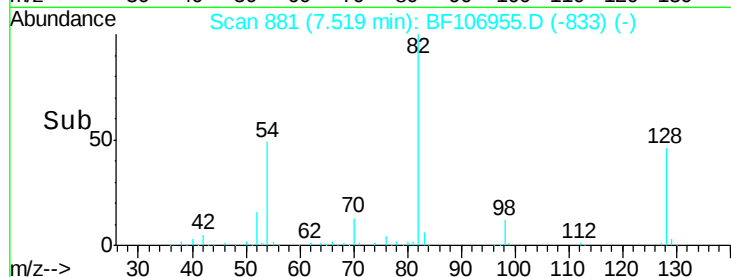
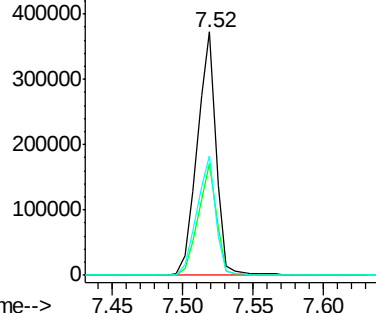
#23
 Nitrobenzene-d5
 Concen: 90.603 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tgt Ion: 82 Resp: 346544
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 48.9 41.4 62.2

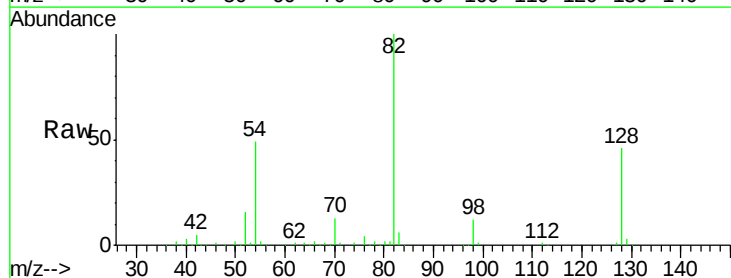


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

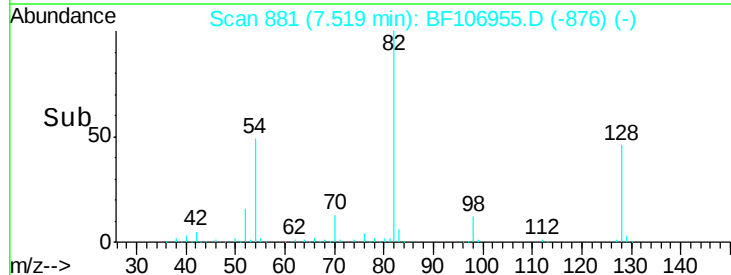
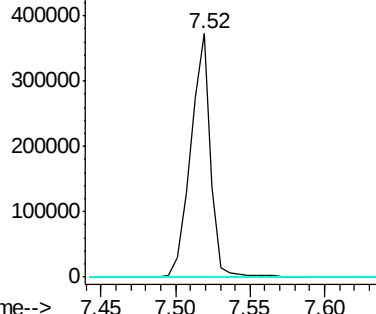


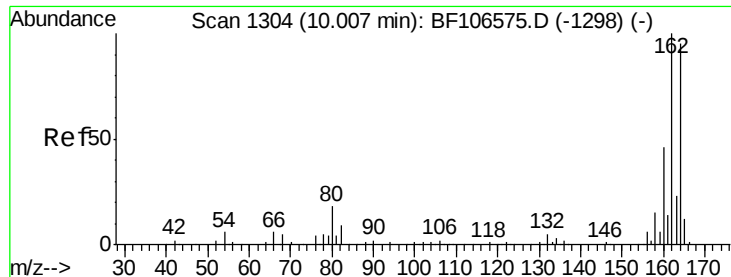
#25
 Isophorone
 Concen: 51.415 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Tgt Ion: 82 Resp: 346537
 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

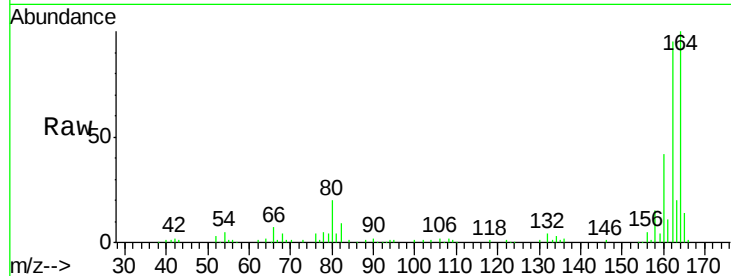




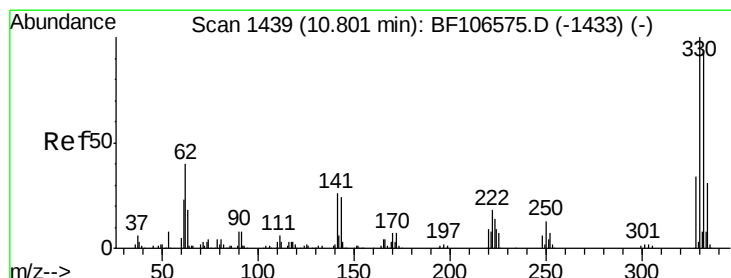
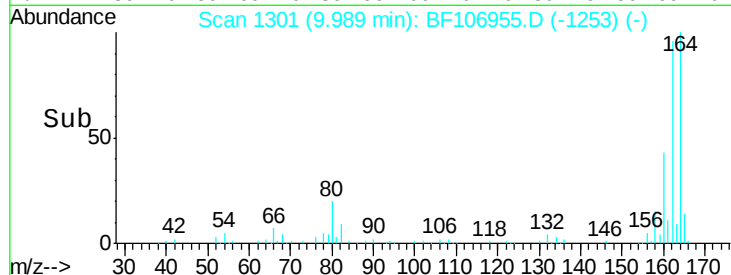
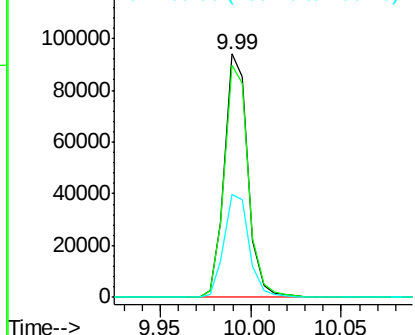
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:164 Resp: 85361
Ion Ratio Lower Upper
164 100
162 95.1 86.1 129.1
160 42.2 38.3 57.5

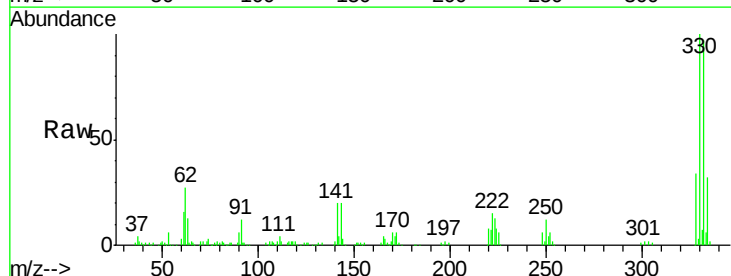


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

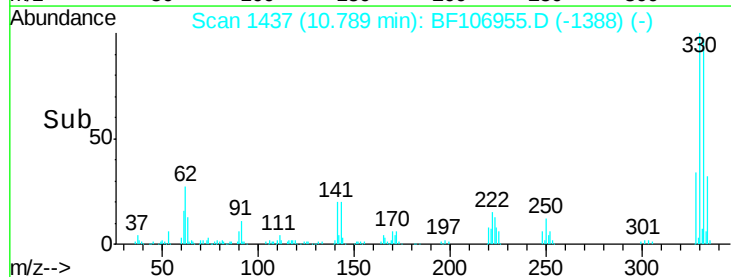
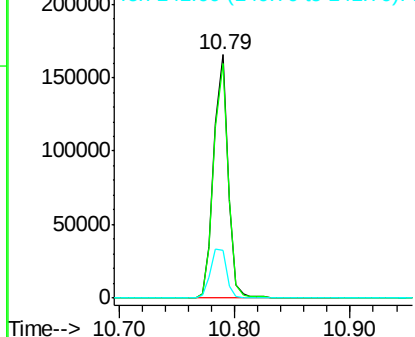


#41
2,4,6-Tribromophenol
Concen: 144.776 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

Tgt Ion:330 Resp: 143235
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 22.9 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

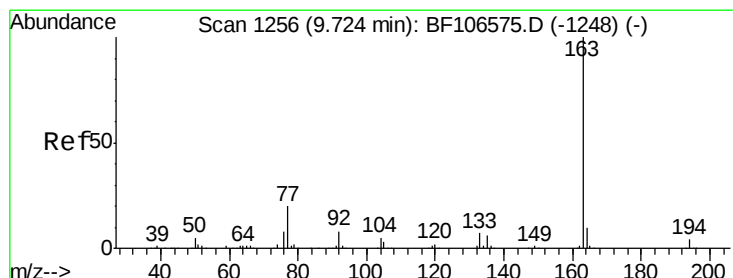
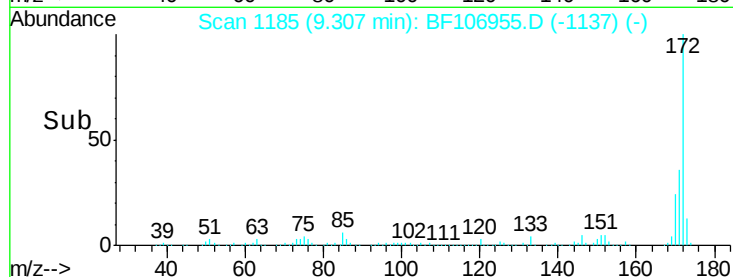
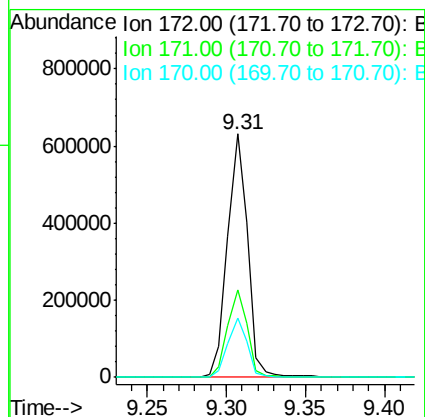
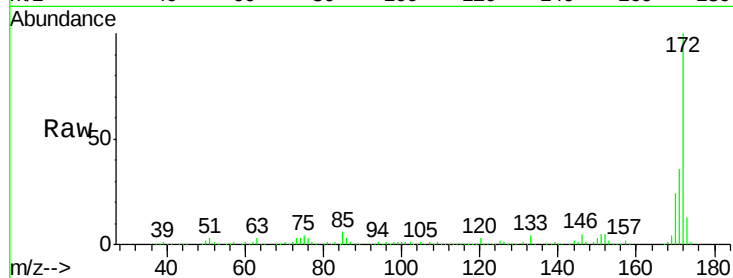




#44
 2-Fluorobiphenyl
 Concen: 116.183 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

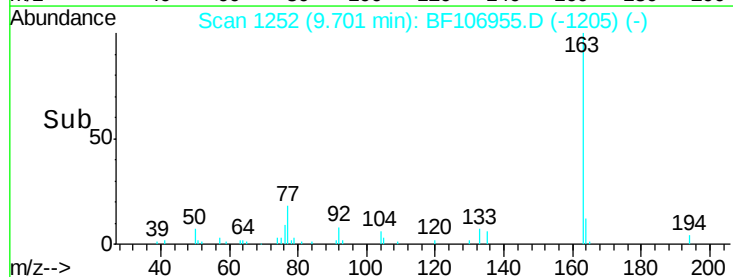
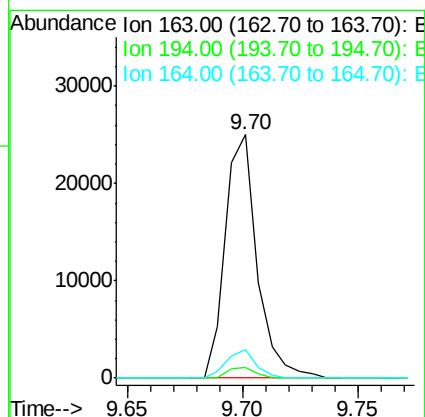
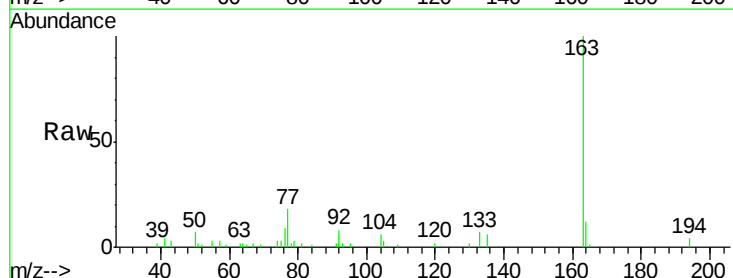
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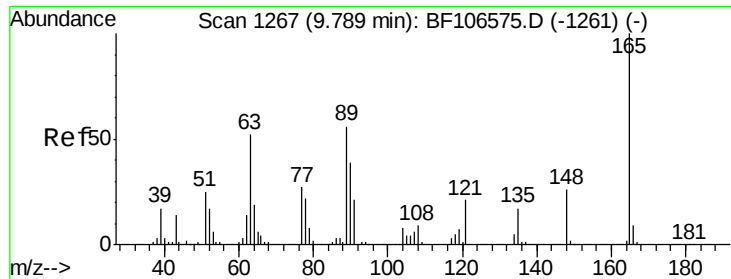
Tgt Ion:172 Resp: 558633
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 3.738 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Tgt Ion:163 Resp: 23931
 Ion Ratio Lower Upper
 163 100
 194 4.5 2.7 4.1#
 164 11.7 8.2 12.2

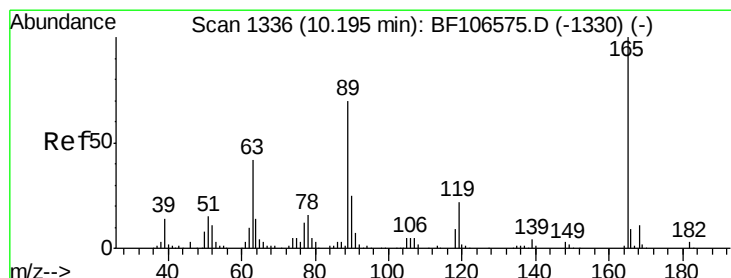
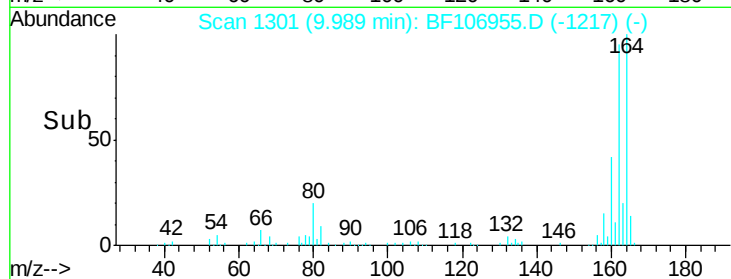
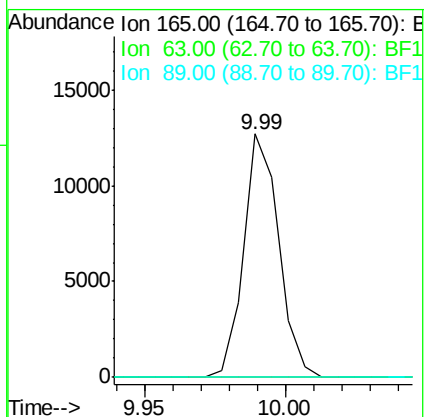
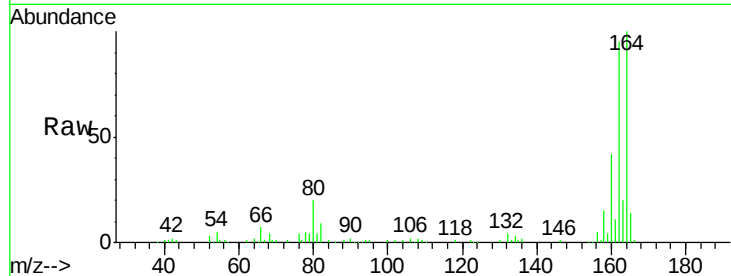




#50
2,6-Dinitrotoluene
Concen: 8.052 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

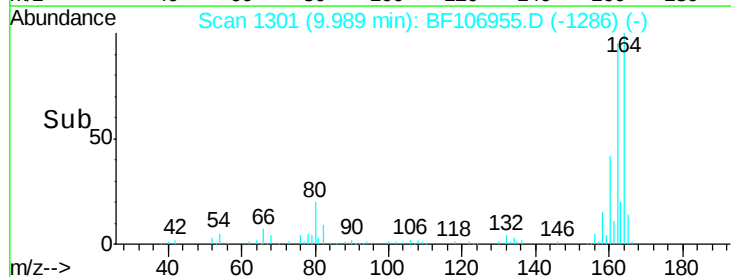
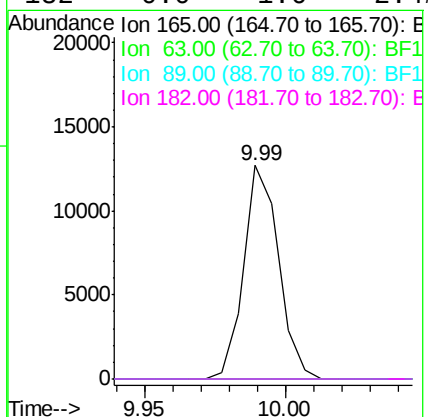
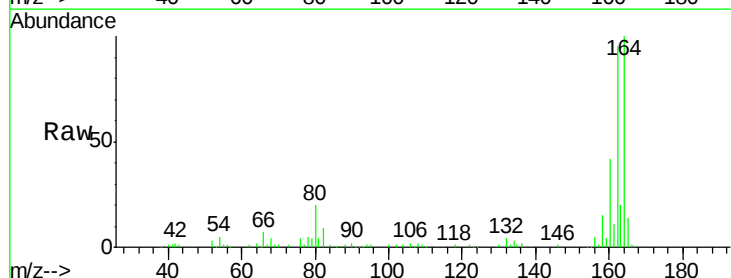
Instrument :
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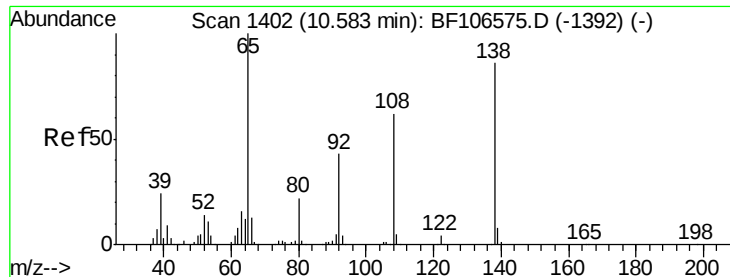
Tgt Ion:165 Resp: 10916
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

Tgt Ion:165 Resp: 10916
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#

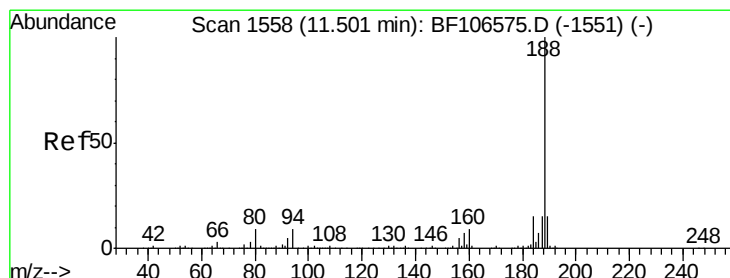
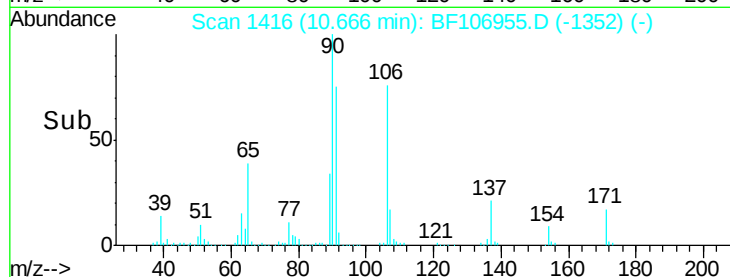
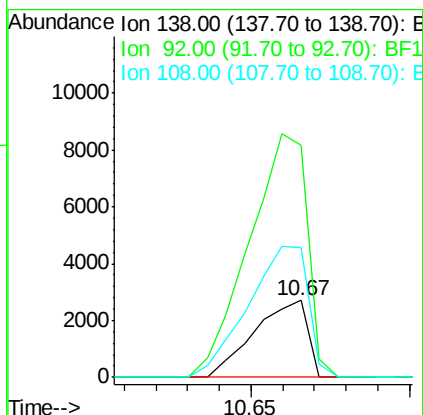
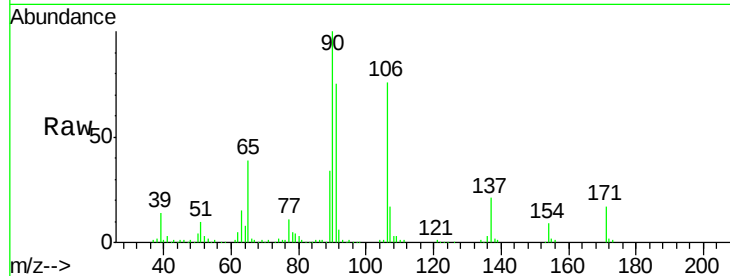




#61
4-Nitroaniline
Concen: 2.033 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.08 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

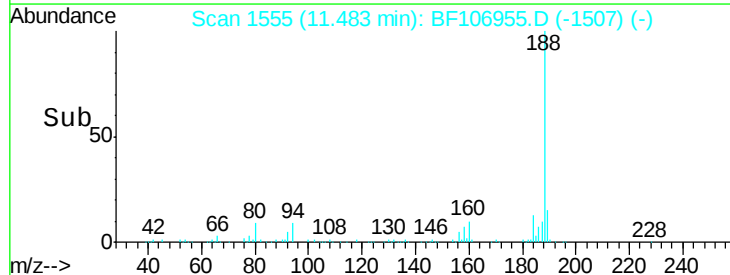
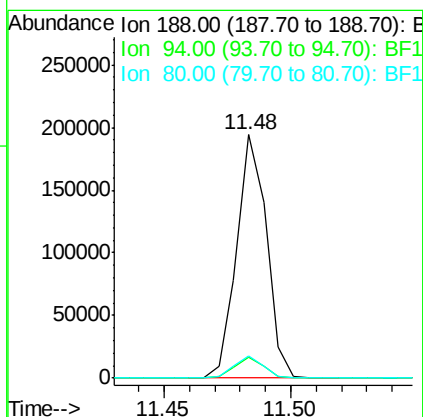
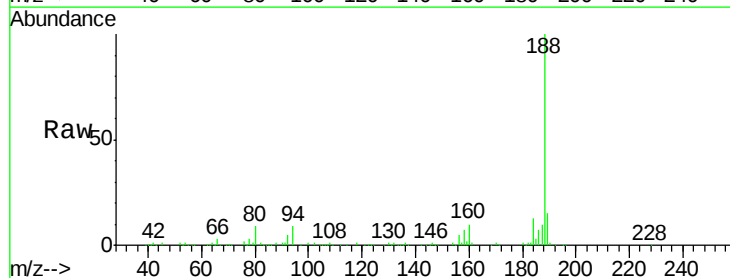
Instrument :
BNA_F
ClientSampleId :
W-12

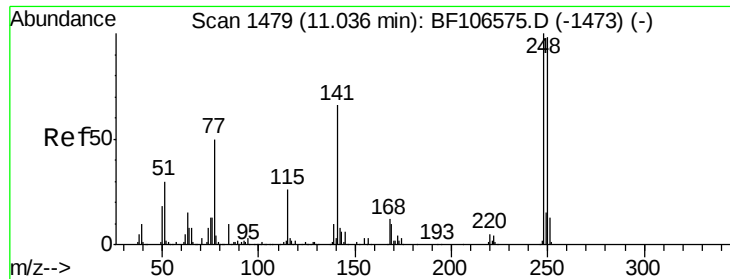
Tgt Ion:138 Resp: 3147
Ion Ratio Lower Upper
138 100
92 301.2 30.2 70.2#
108 169.1 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106955.D
Acq: 29 Jun 2018 7:08

Tgt Ion:188 Resp: 159021
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.2 9.2 13.8

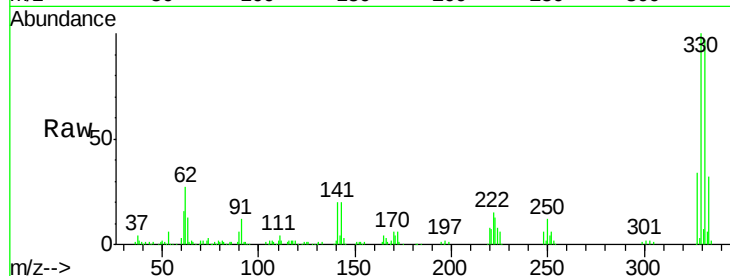




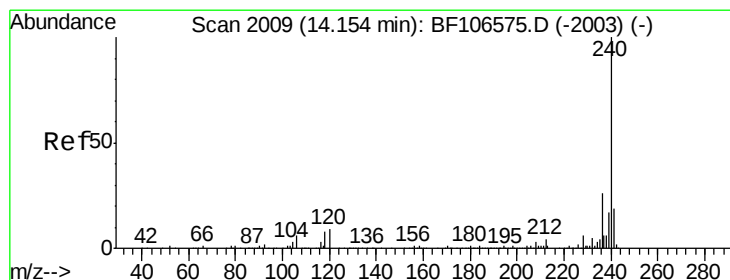
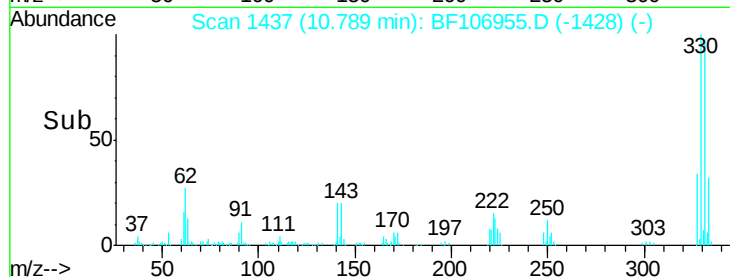
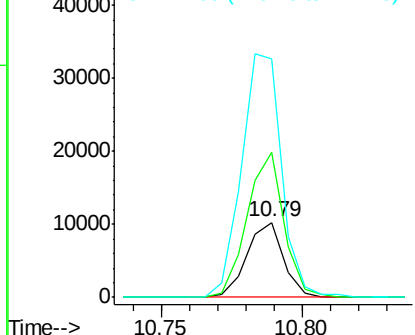
#66
 4-Bromophenyl-phenylether
 Concen: 4.843 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tgt Ion:248 Resp: 9191
 Ion Ratio Lower Upper
 248 100
 250 193.6 76.9 115.3#
 141 318.3 74.4 111.6#

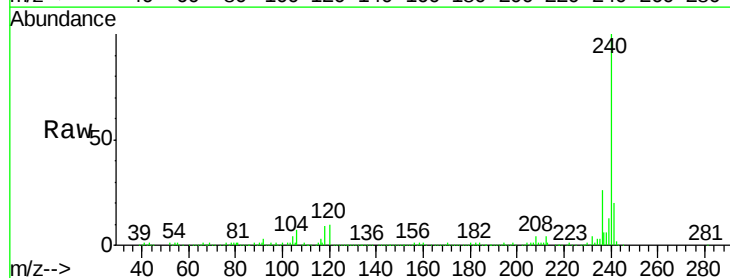


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

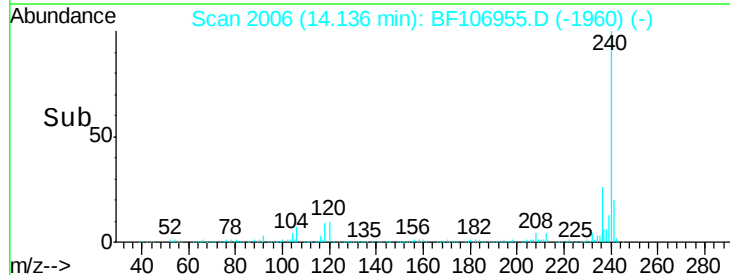
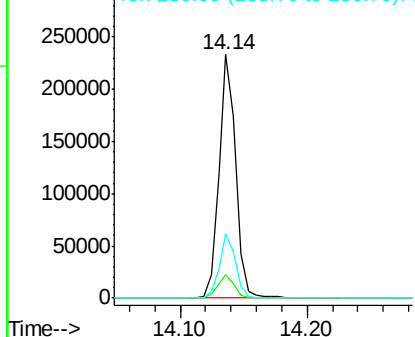


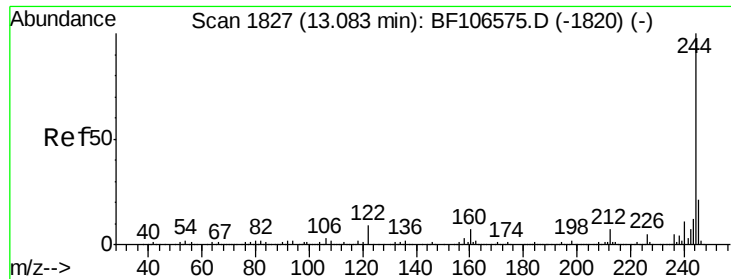
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Tgt Ion:240 Resp: 216555
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 26.4 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

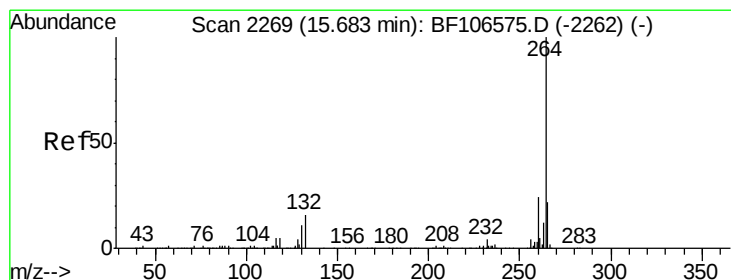
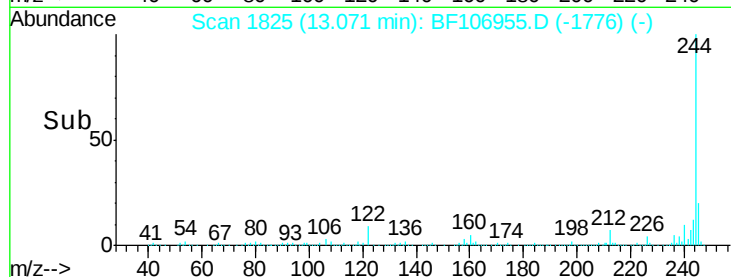
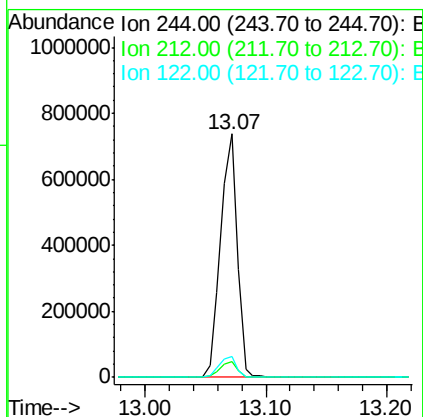
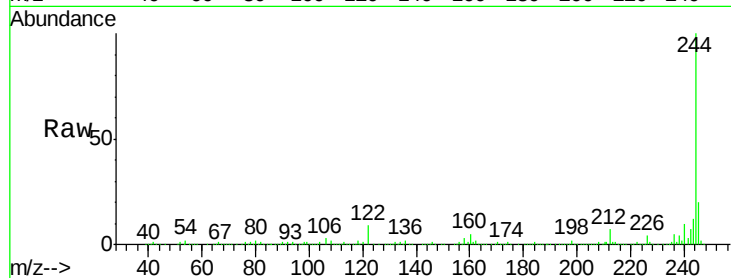




#78
 Terphenyl-d14
 Concen: 78.622 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106955.D
 Acq: 29 Jun 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tgt Ion:244 Resp: 702885
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.6 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: BF106955.D
 Acq: 29 Jun 2018 7:08

Tgt Ion:264 Resp: 174600
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.1 17.5 26.3

