

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107253.D
 Acq On : 10 Jul 2018 2:50
 Operator : JU/SJ
 Sample : J3876-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-D-M

Quant Time: Jul 10 05:11:12 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

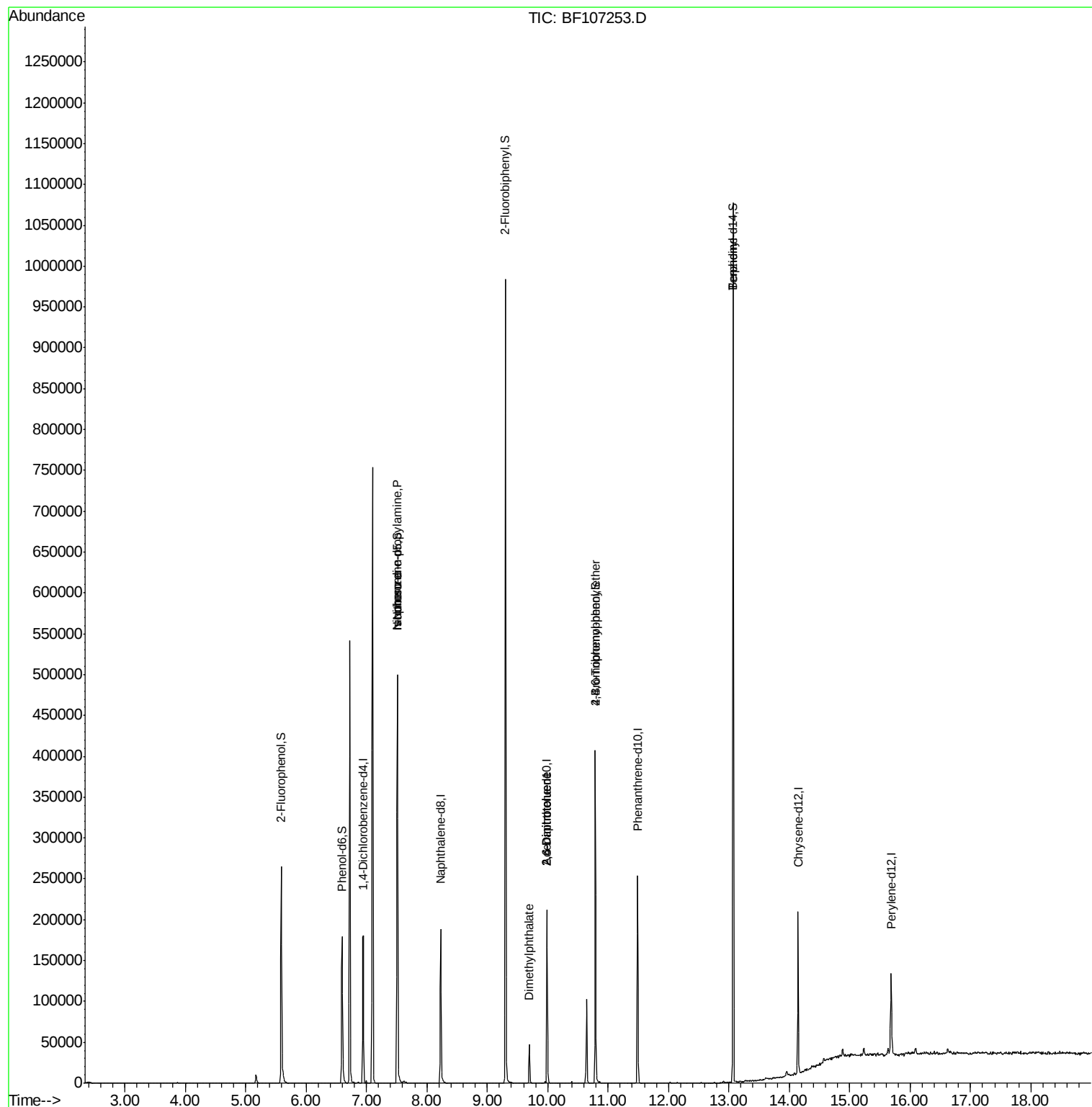
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	29790	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	98970	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	45442	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	100407	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	73119	20.00	ng	-0.02
86) Perylene-d12	15.68	264	54557	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	86674	49.27	ng	-0.01
7) Phenol-d6	6.60	99	66918	30.46	ng	-0.02
23) Nitrobenzene-d5	7.51	82	181648	102.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	58010	110.14	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	334337	132.84	ng	-0.02
78) Terphenyl-d14	13.07	244	416144	137.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	22754	15.712	ng	# 74
25) Isophorone	7.51	82	181646	57.883	ng	# 64
49) Dimethylphthalate	9.70	163	22746	6.674	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	5679	7.869	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	5679	6.029	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3417	2.852	ng	# 1
76) Benzidine	13.07	184	4346	2.087	ng	95

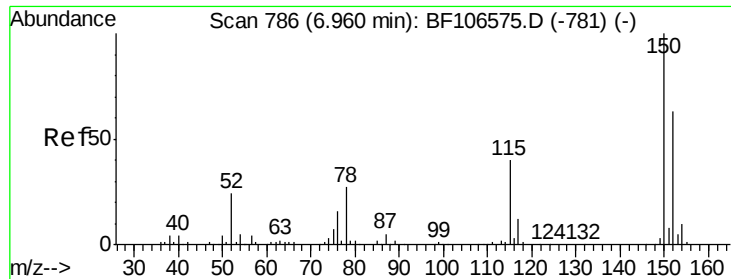
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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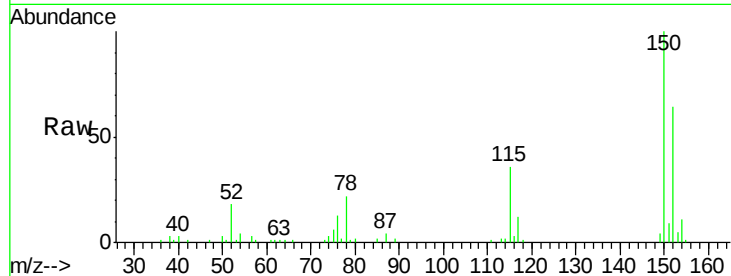


#1

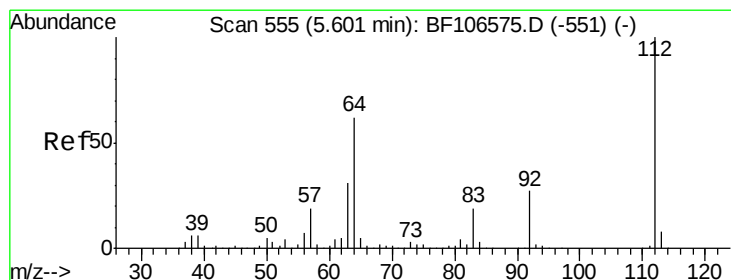
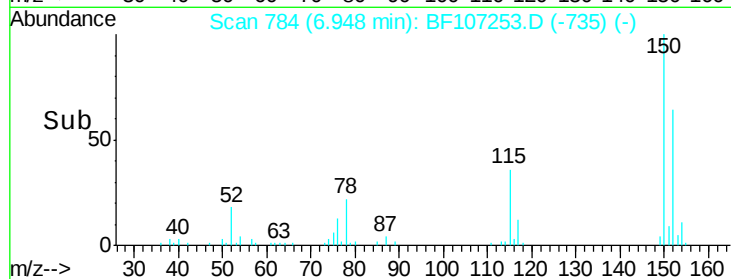
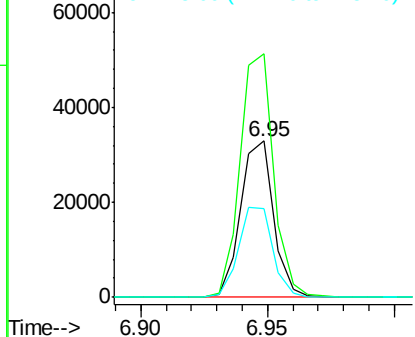
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tgt Ion:152 Resp: 29790
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.4 50.1 75.1



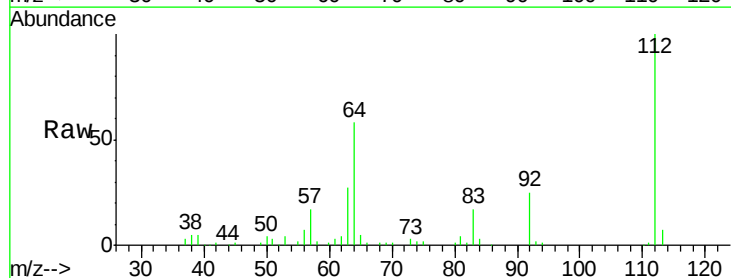
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



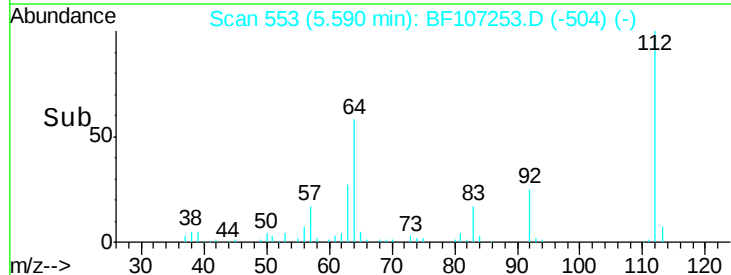
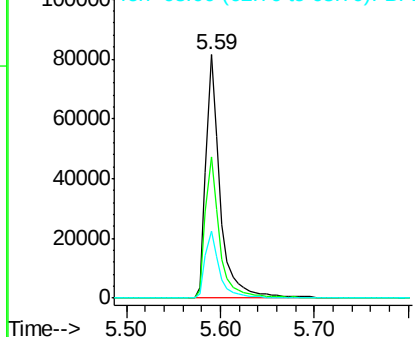
#5

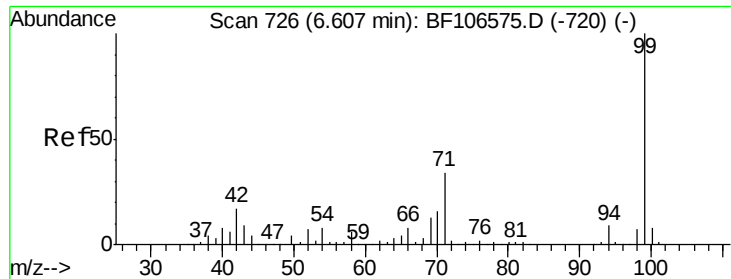
2-Fluorophenol
Concen: 49.267 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Tgt Ion:112 Resp: 86674
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 27.4 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: 30.459 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-D-M

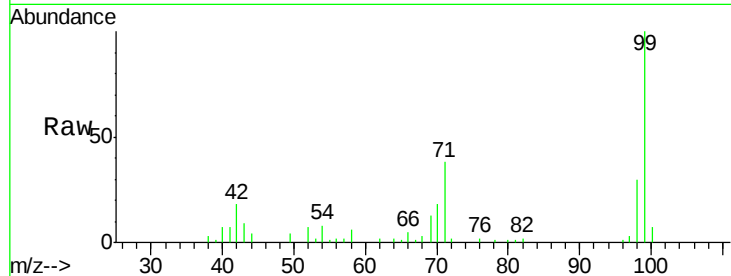
Tgt Ion: 99 Resp: 66918

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

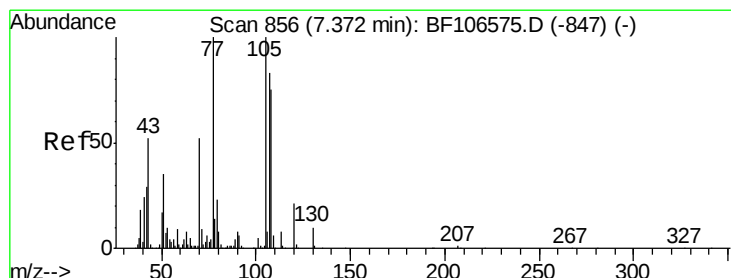
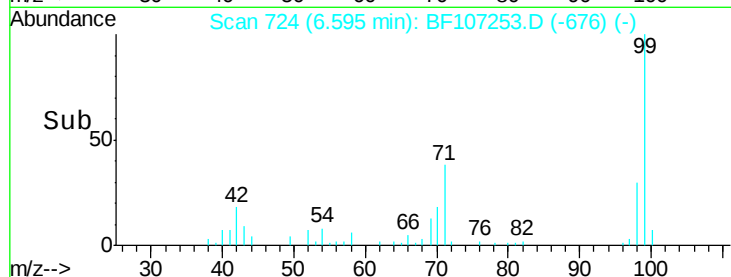
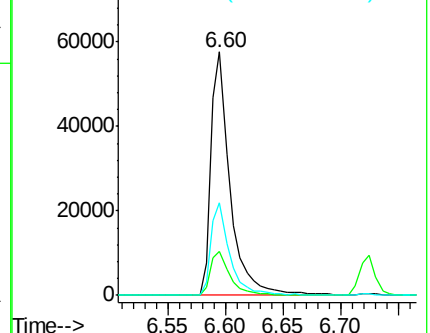
71 38.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.712 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

Tgt Ion: 70 Resp: 22754

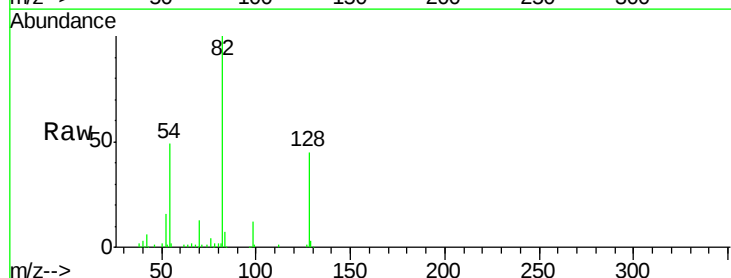
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

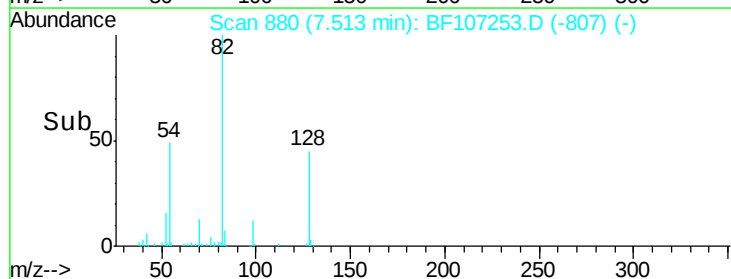
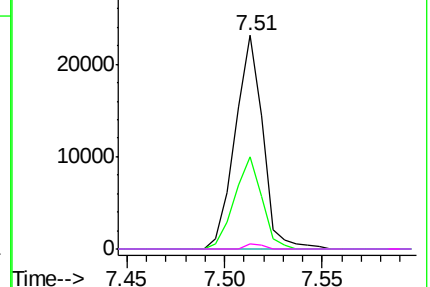


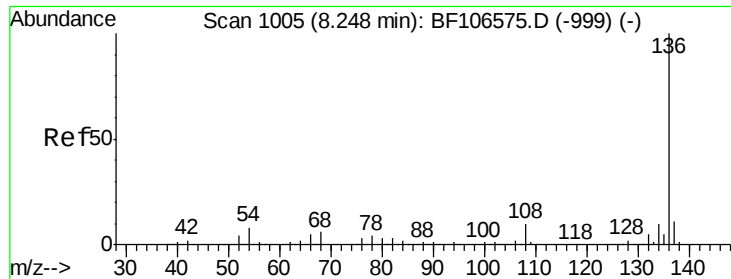
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

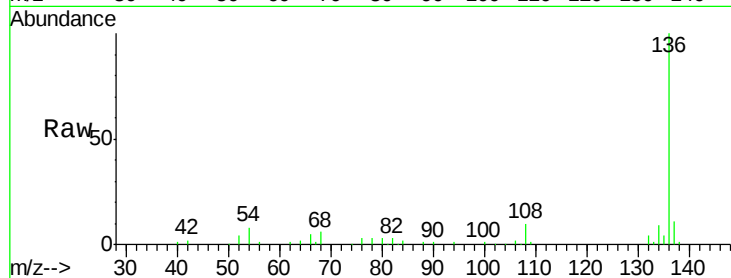




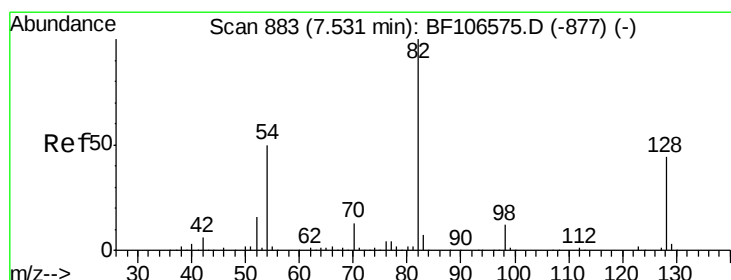
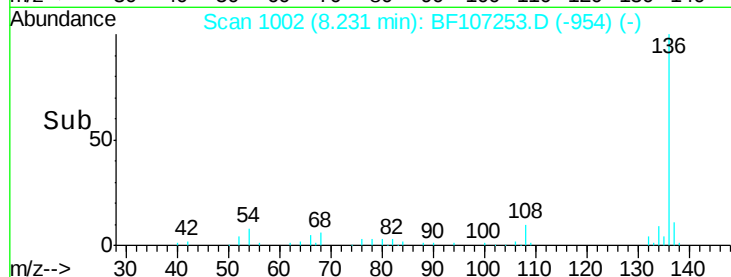
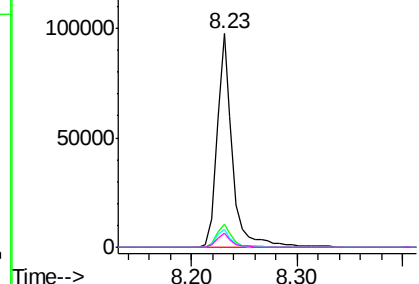
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tgt Ion:	136	Resp:	98970
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4

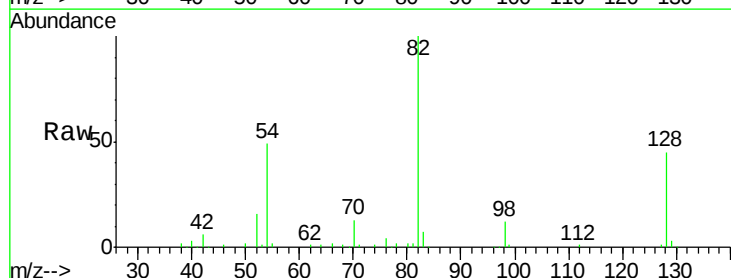


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

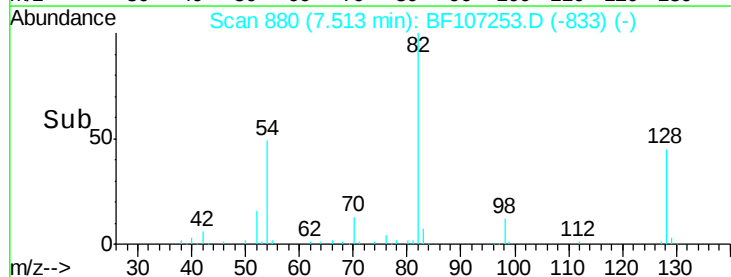
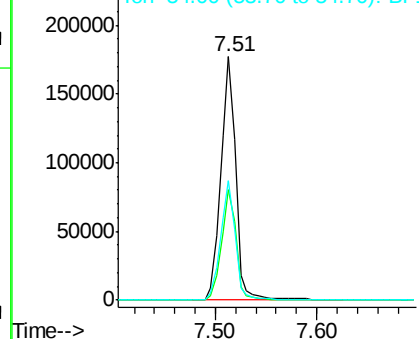


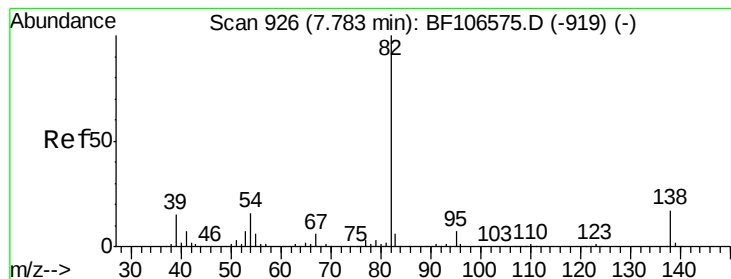
#23
Nitrobenzene-d5
Concen: 101.999 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Tgt Ion:	82	Resp:	181648
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	49.0	41.4	62.2



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





#25

Isophorone

Concen: 57.883 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-D-M

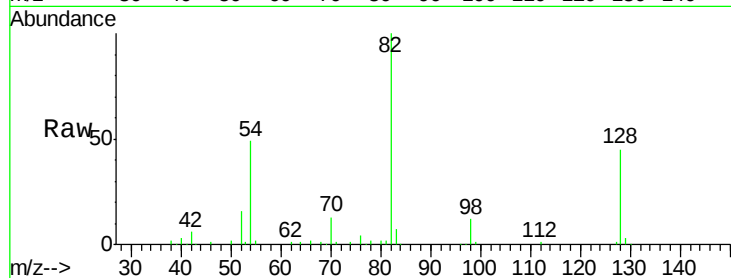
Tgt Ion: 82 Resp: 181646

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

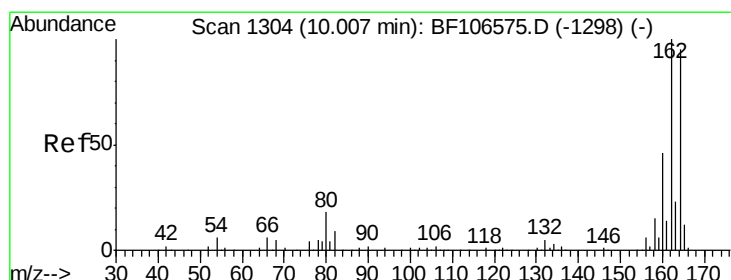
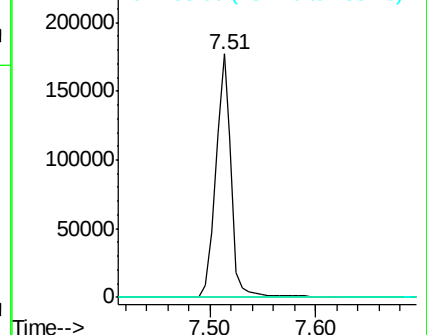
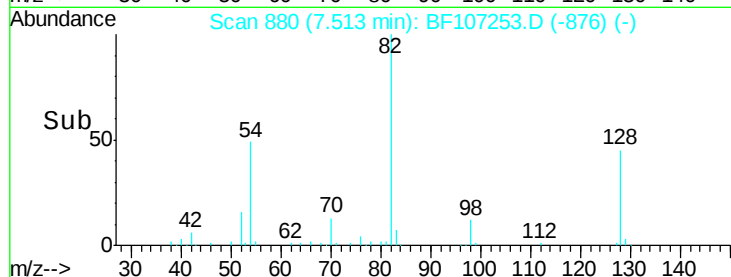
138 0.0 14.9 22.3#



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: BF107253.D

Acq: 10 Jul 2018 2:50

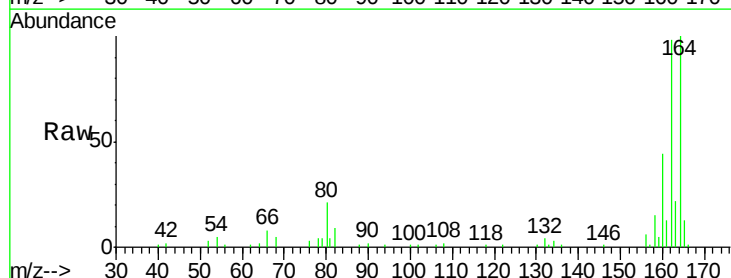
Tgt Ion: 164 Resp: 45442

Ion Ratio Lower Upper

164 100

162 97.6 86.1 129.1

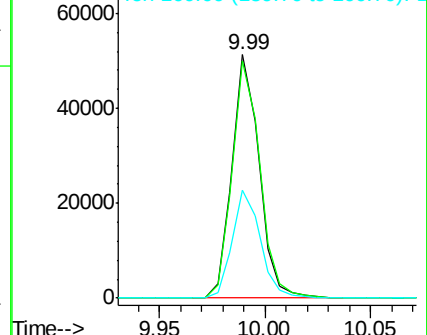
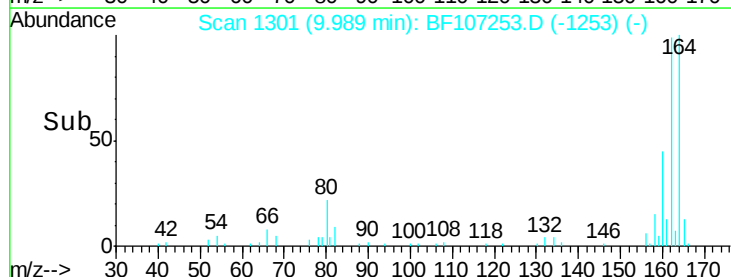
160 44.3 38.3 57.5

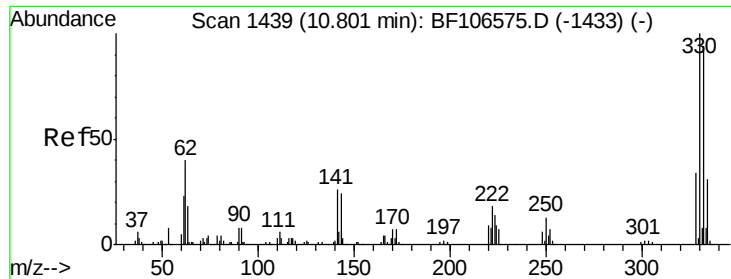


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

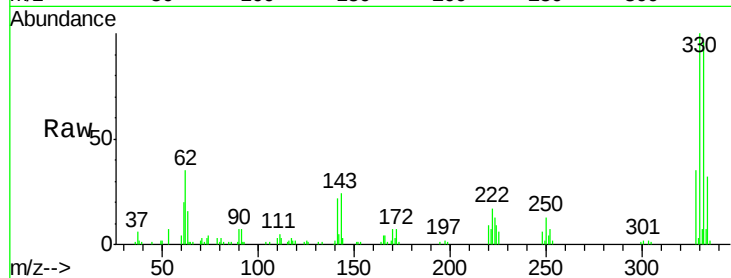




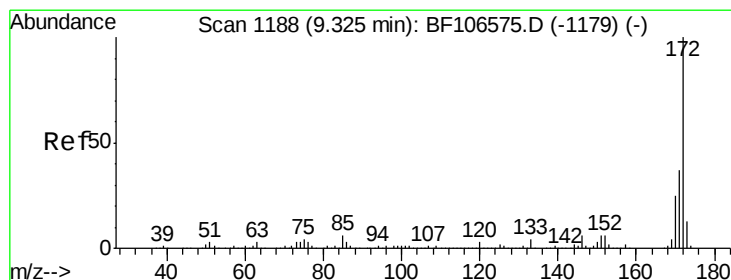
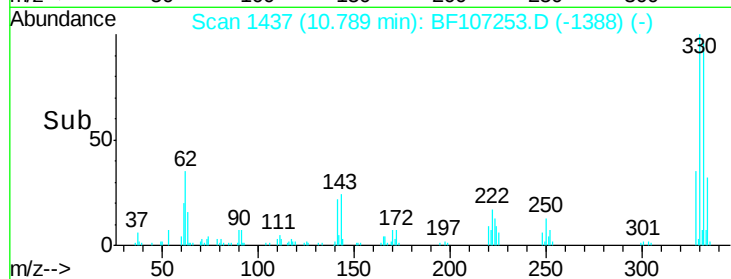
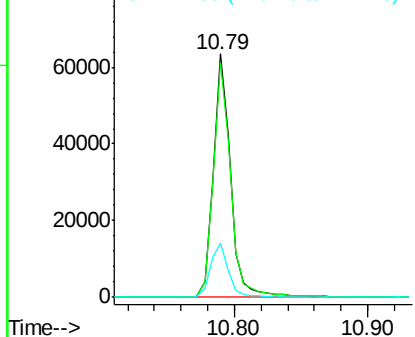
#41
 2,4,6-Tribromophenol
 Concen: 110.142 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107253.D
 Acq: 10 Jul 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-D-M

Tgt Ion:330 Resp: 58010
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 23.3 29.9 44.9#

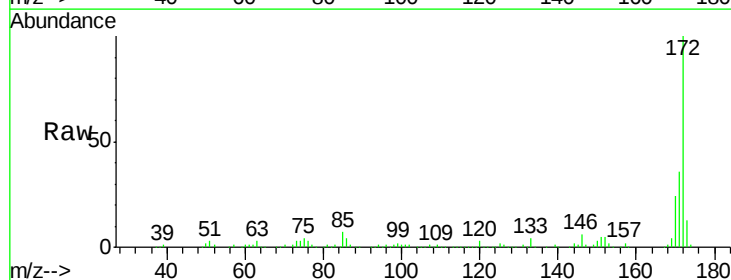


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

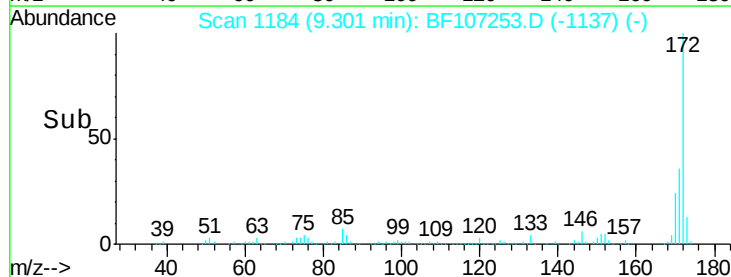
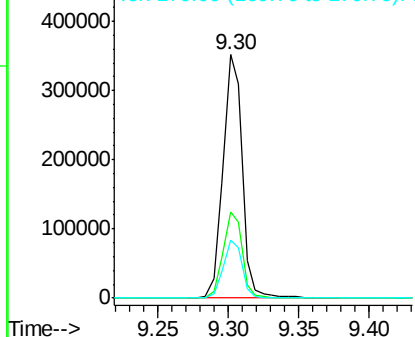


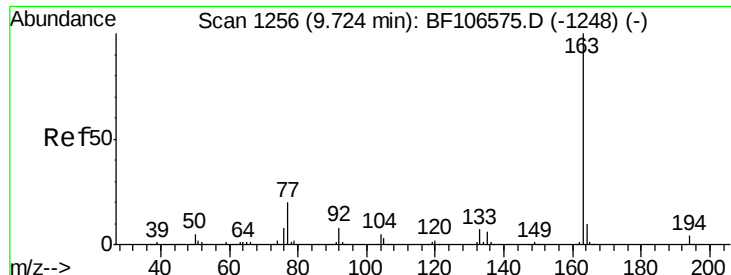
#44
 2-Fluorobiphenyl
 Concen: 132.835 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107253.D
 Acq: 10 Jul 2018 2:50

Tgt Ion:172 Resp: 334337
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.6 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

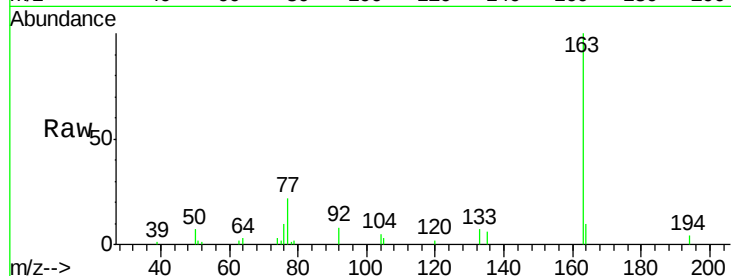




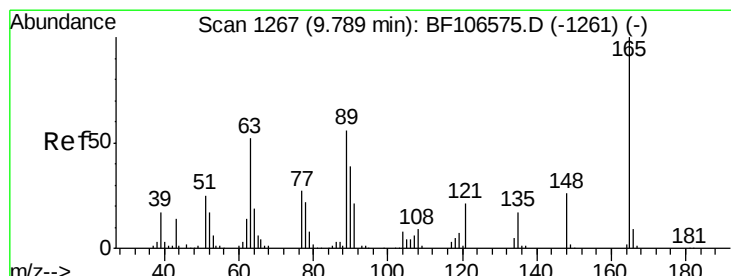
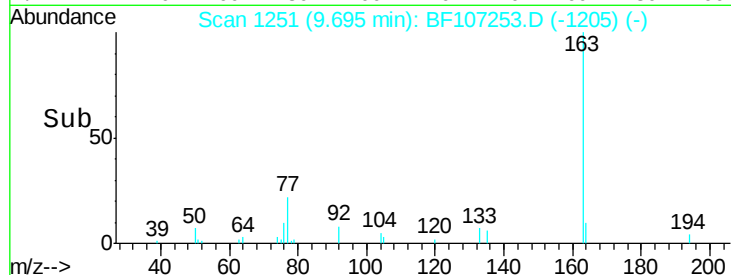
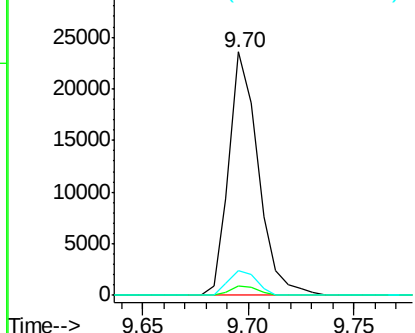
#49
Dimethylphthalate
Concen: 6.674 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tgt Ion:163 Resp: 22746
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2

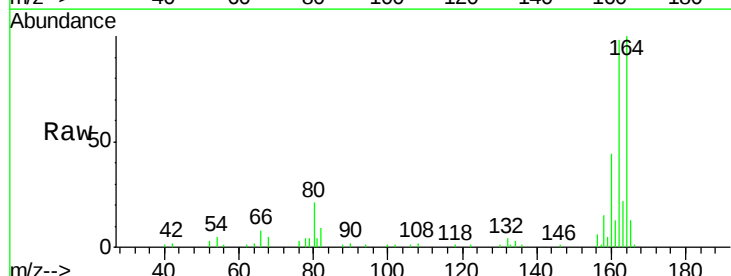


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

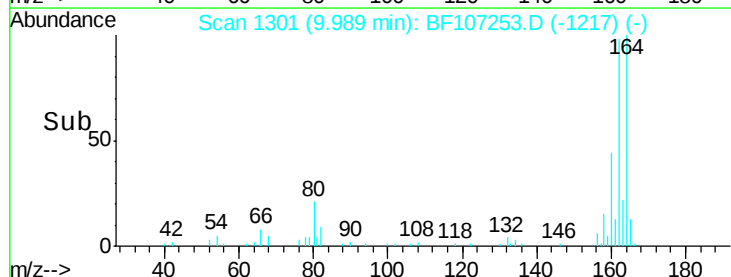
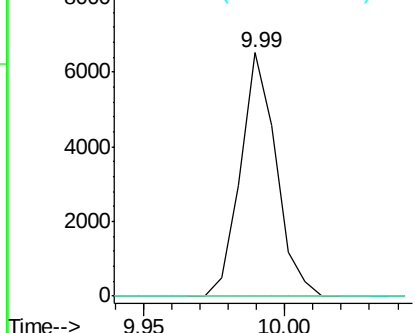


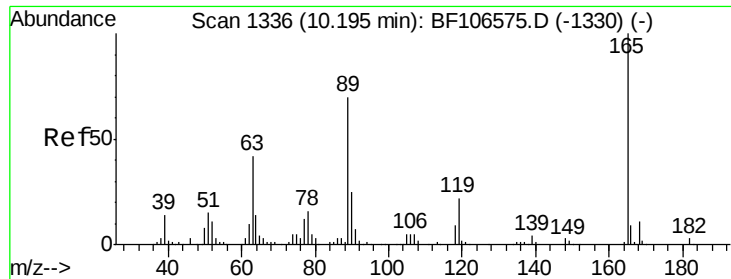
#50
2,6-Dinitrotoluene
Concen: 7.869 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Tgt Ion:165 Resp: 5679
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

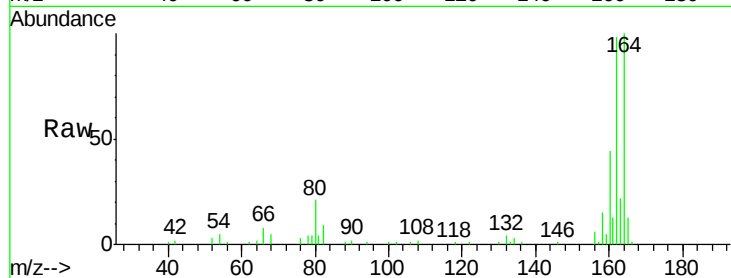




#56
2,4-Dinitrotoluene
Concen: 6.029 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tgt Ion:	165	Resp:	5679
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#

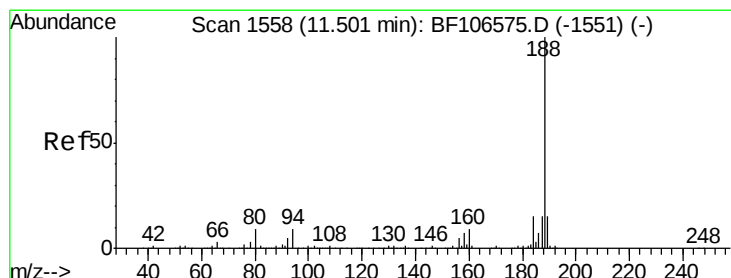
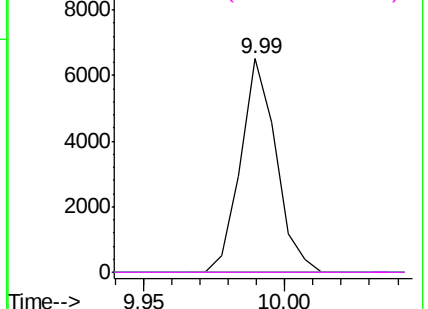
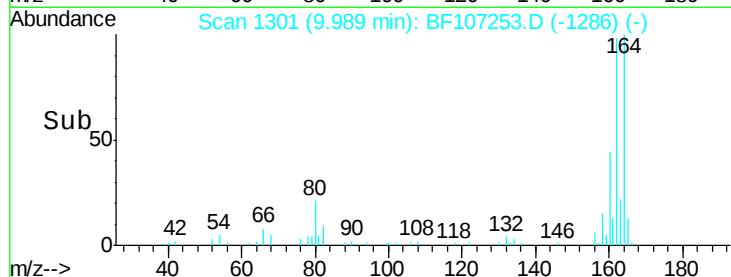


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

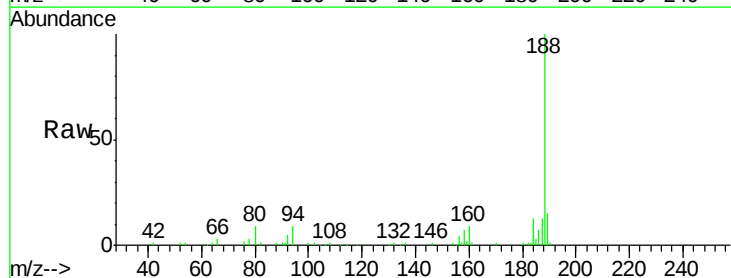
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

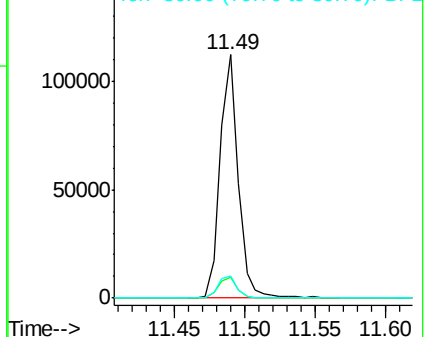
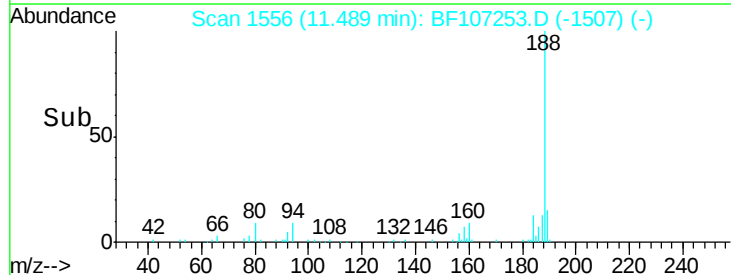
Tgt Ion:	188	Resp:	100407
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.3	9.2	13.8

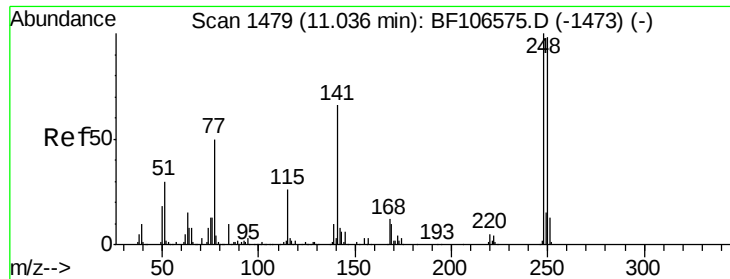


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

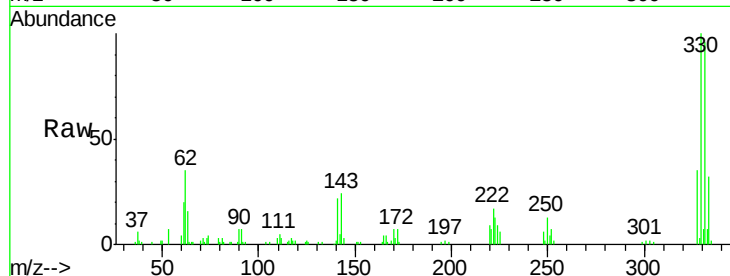




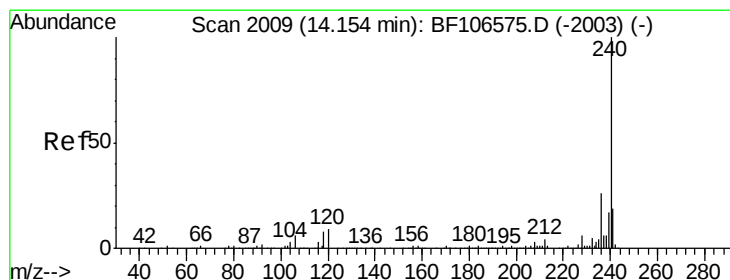
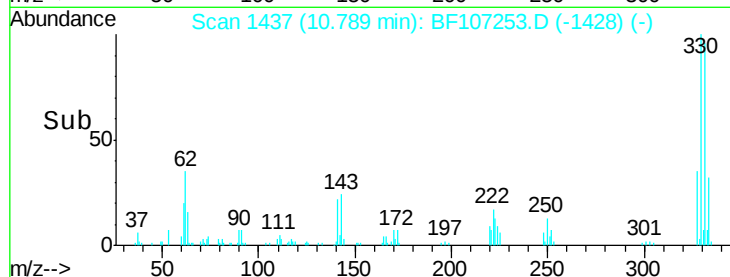
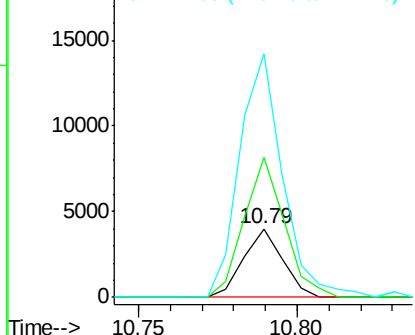
#66
4-Bromophenyl-phenylether
Concen: 2.852 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tgt Ion:248 Resp: 3417
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 356.0 74.4 111.6#

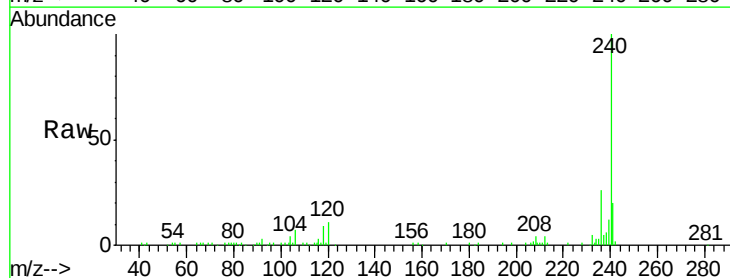


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

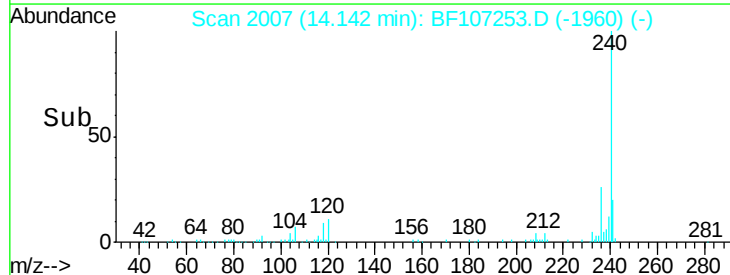
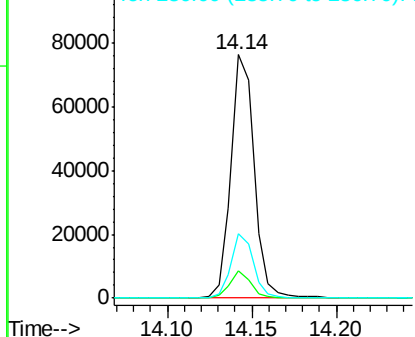


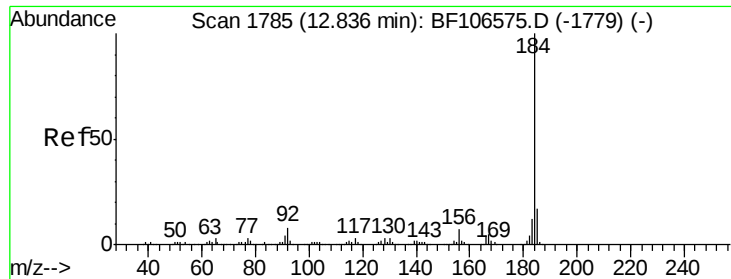
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Tgt Ion:240 Resp: 73119
Ion Ratio Lower Upper
240 100
120 11.0 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

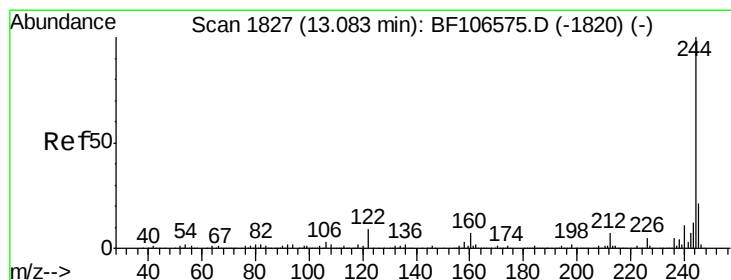
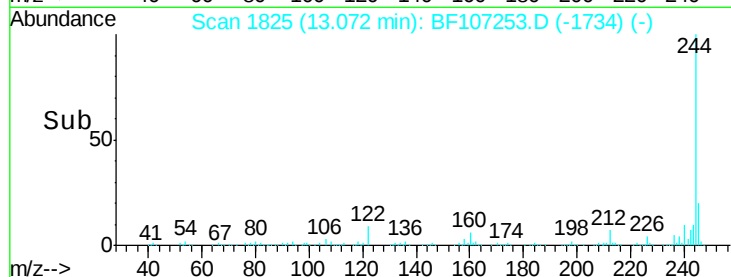
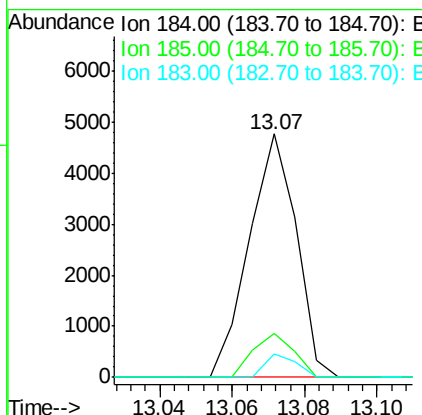
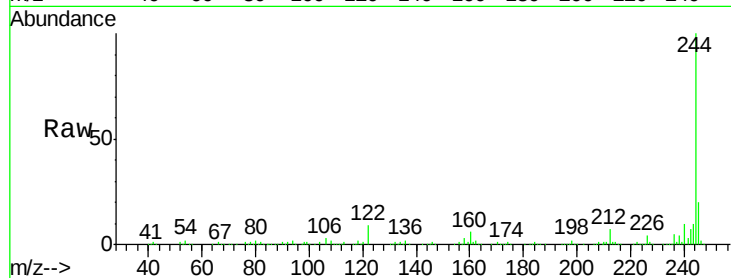




#76
Benzidine
Concen: 2.087 ng
RT: 13.07 min Scan# 1825
Delta R.T. 0.24 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

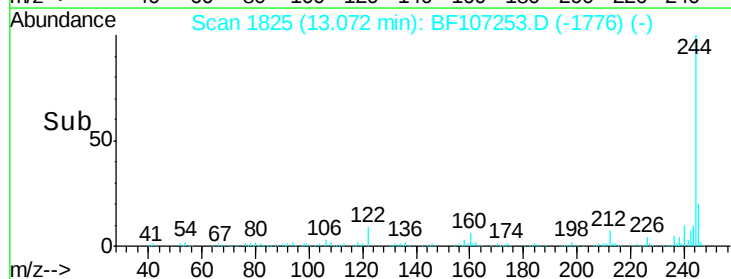
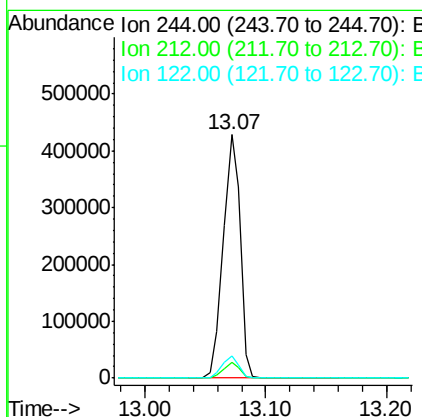
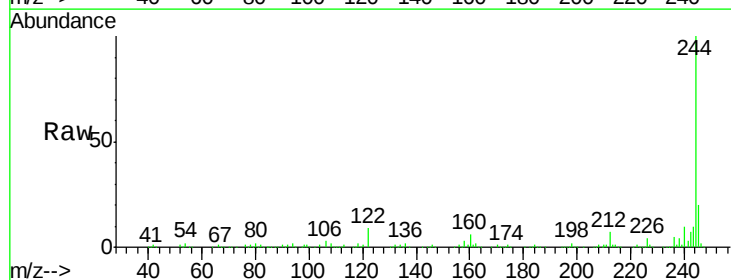
Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

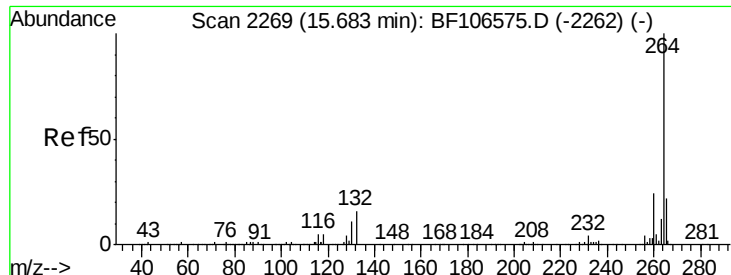
Tgt Ion:184 Resp: 4346
Ion Ratio Lower Upper
184 100
185 18.0 12.6 18.8
183 9.8 9.3 13.9



#78
Terphenyl-d14
Concen: 137.861 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Tgt Ion:244 Resp: 416144
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.2 11.0 16.4#

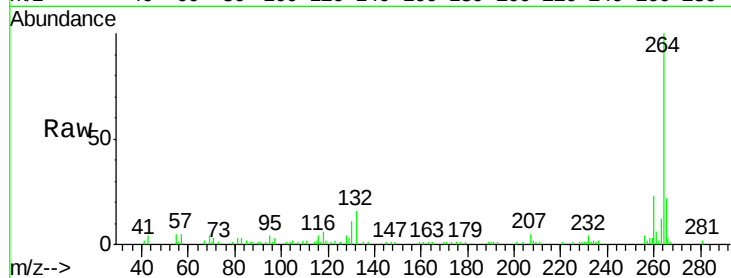




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	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

