

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106903.D
 Acq On : 28 Jun 2018 5:59
 Operator : JU/SJ
 Sample : J3719-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 08:40:56 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

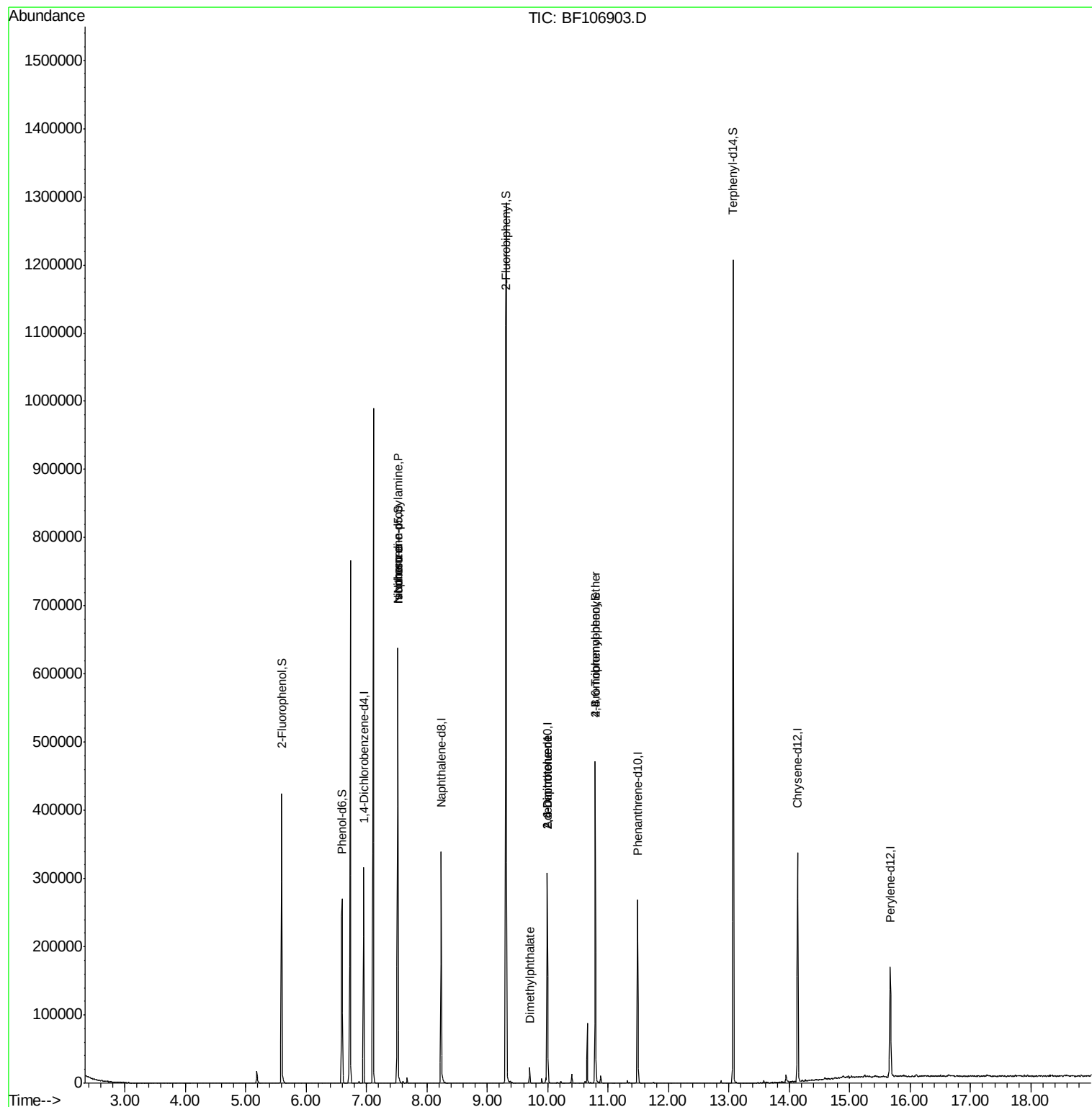
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	43969	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153025	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	62663	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	108658	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	124655	20.00	ng	-0.03
86) Perylene-d12	15.67	264	87350	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	115295	44.40	ng	0.00
7) Phenol-d6	6.60	99	95235	29.37	ng	-0.02
23) Nitrobenzene-d5	7.52	82	251193	91.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	65286	89.89	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	433415	123.81	ng	-0.01
78) Terphenyl-d14	13.07	244	452173	87.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	32161	15.046	ng	# 73
25) Isophorone	7.52	82	251189	51.768	ng	# 64
49) Dimethylphthalate	9.70	163	11599	2.468	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	8165	8.204	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8165	6.286	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4127	3.183	ng	# 1

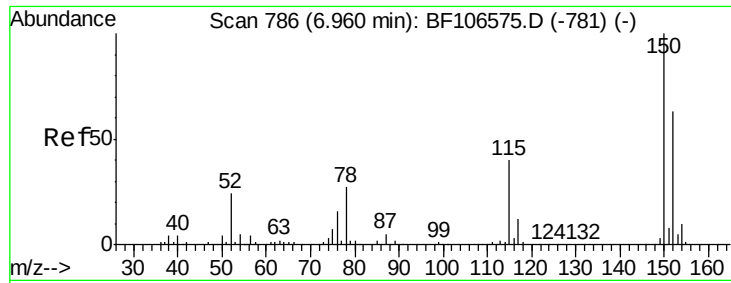
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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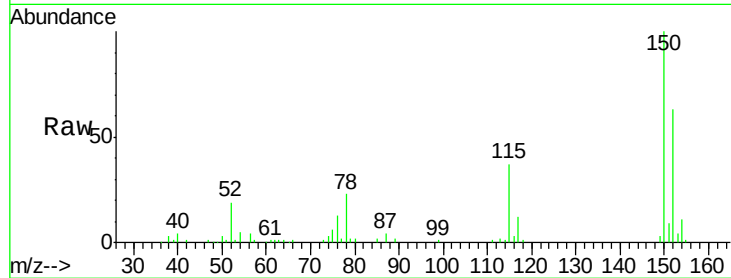




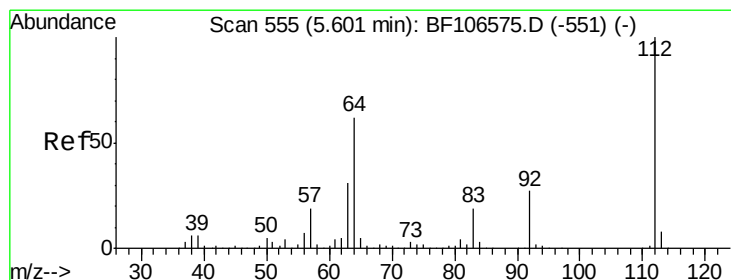
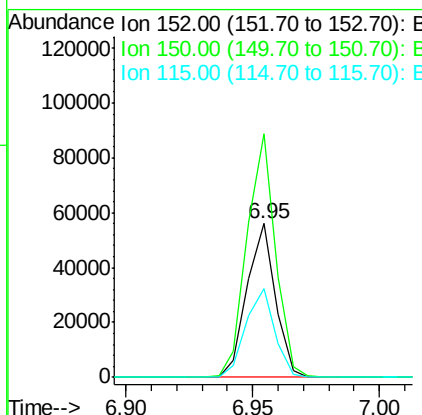
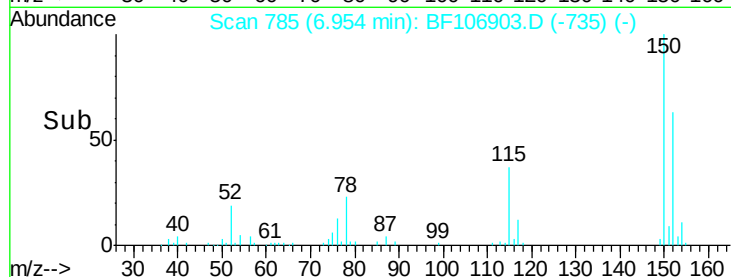
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 43969
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 58.0 50.1 75.1

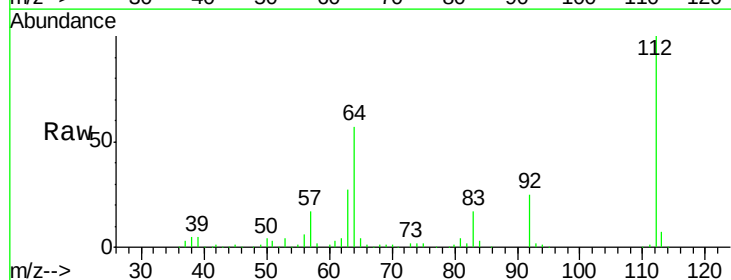


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

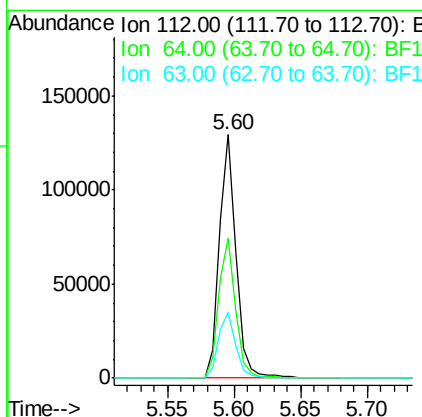
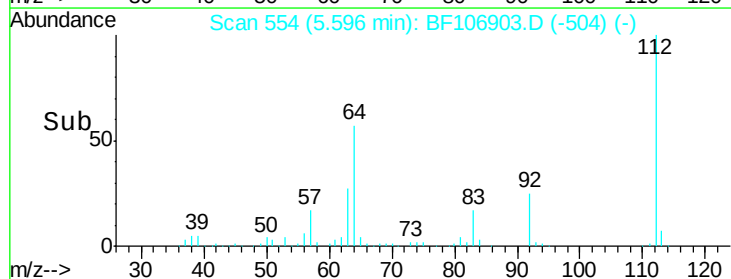


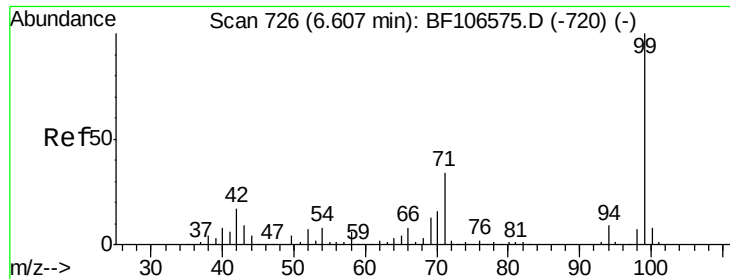
#5
 2-Fluorophenol
 Concen: 44.402 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

Tgt Ion:112 Resp: 115295
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 27.1 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: 29.369 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106903.D

Acq: 28 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

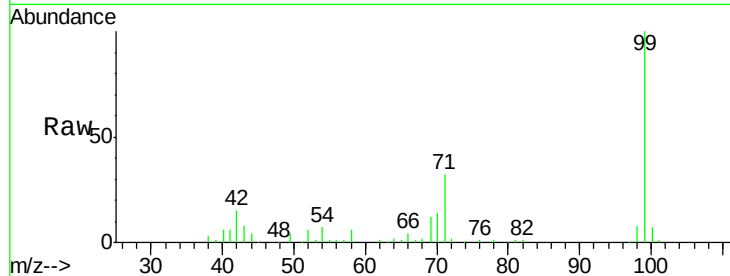
Tot Ion: 99 Resp: 95235

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

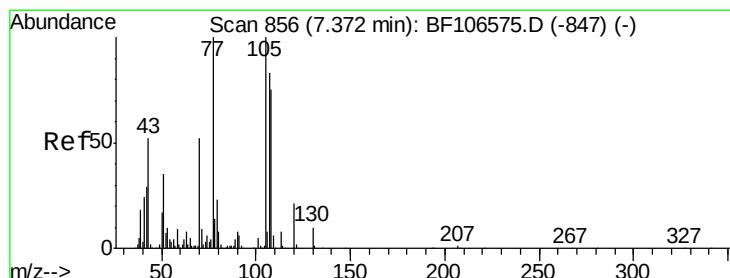
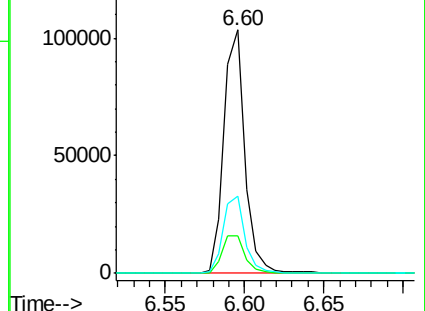
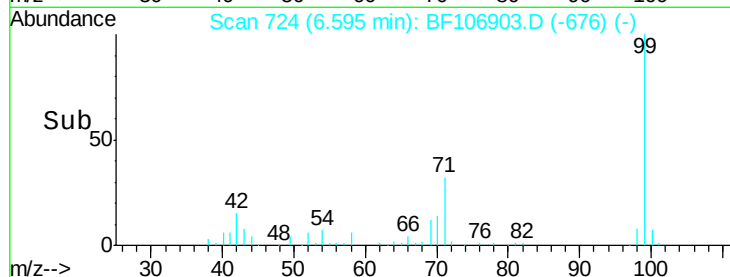
71 31.9 25.4 38.0



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: 15.046 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106903.D

Acq: 28 Jun 2018 5:59

Tgt Ion: 70 Resp: 32161

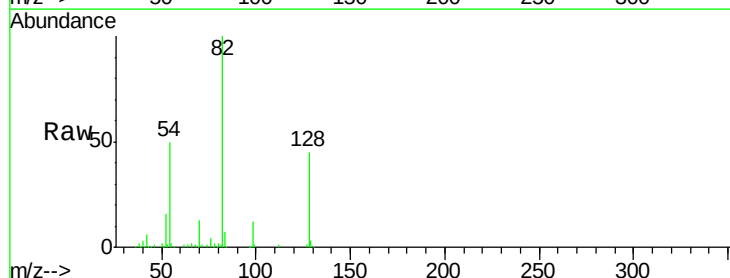
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

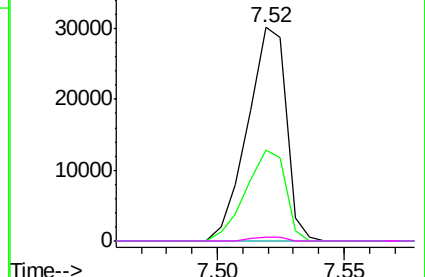
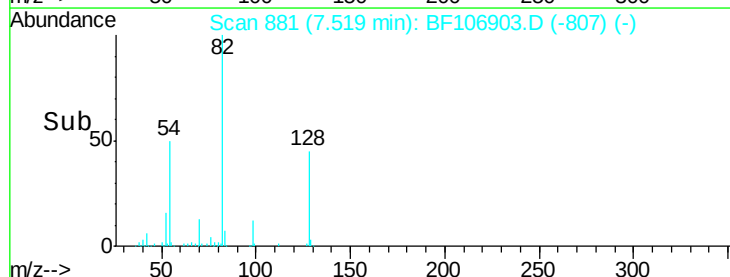


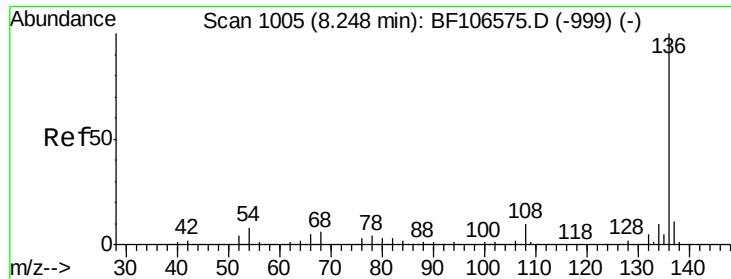
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

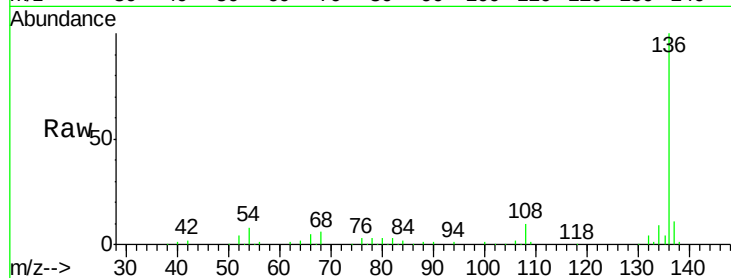




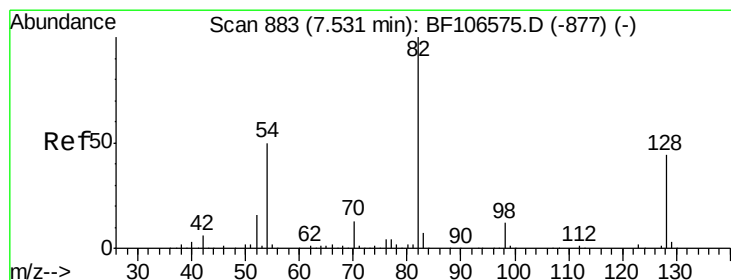
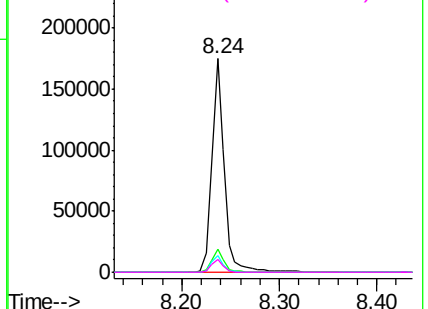
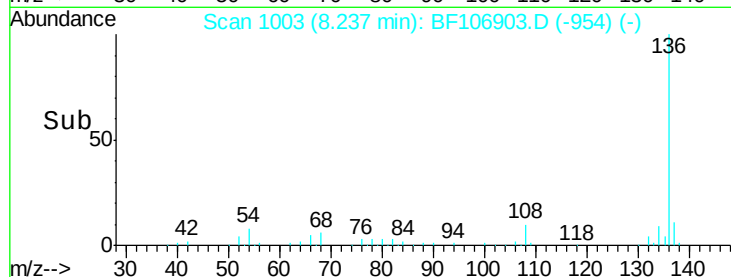
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106903.D
Acq: 28 Jun 2018 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	153025
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.9	6.6 9.8
68	5.8	5.0 7.4

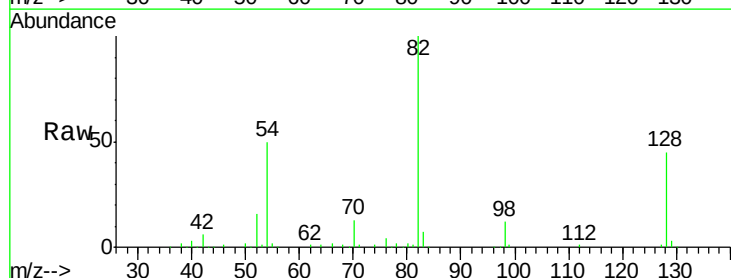


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

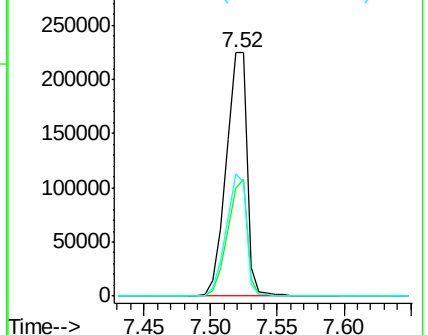
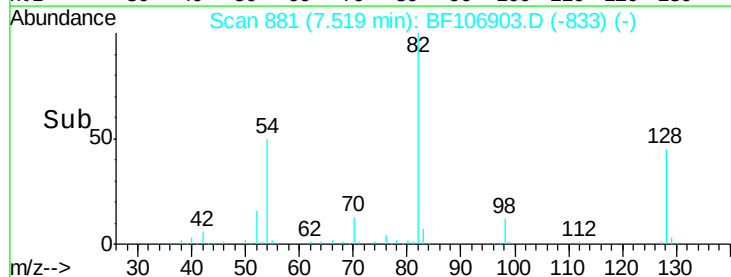


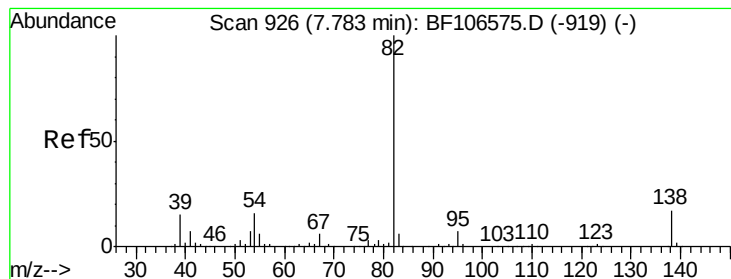
#23
Nitrobenzene-d5
Concen: 91.225 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106903.D
Acq: 28 Jun 2018 5:59

Tgt Ion: 82	Resp:	251193
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.1 54.1
54	50.2	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: 51.768 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106903.D

Acq: 28 Jun 2018 5:59

Instrument :

BNA_F

ClientSampled :

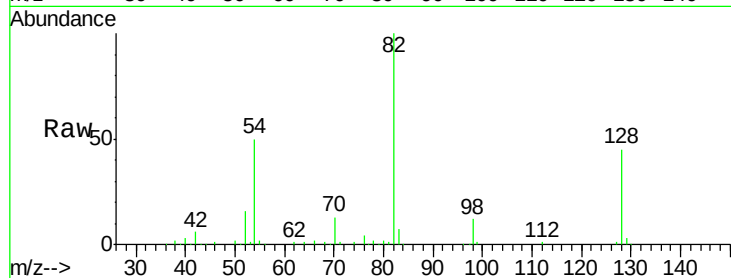
Tot Ion: 82 Resp: 251189

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

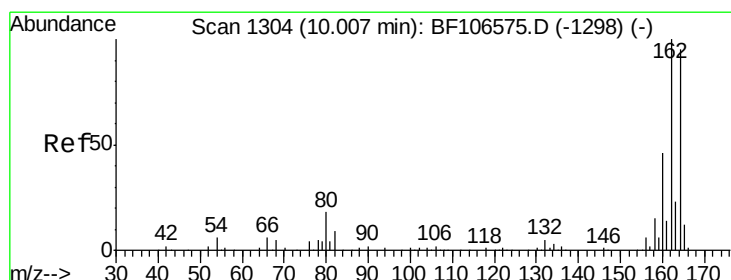
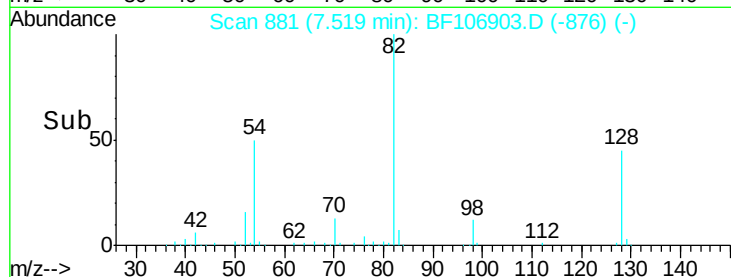
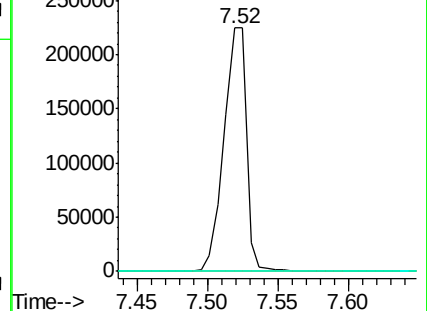
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106903.D

Acq: 28 Jun 2018 5:59

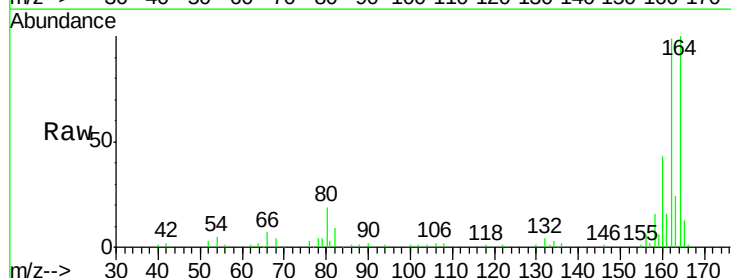
Tgt Ion:164 Resp: 62663

Ion Ratio Lower Upper

164 100

162 99.4 86.1 129.1

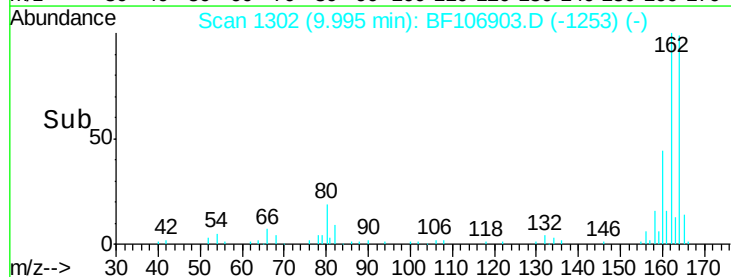
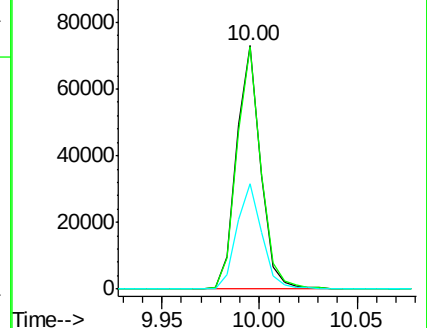
160 43.4 38.3 57.5

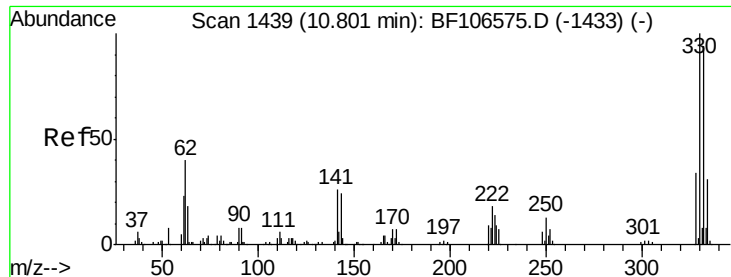


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

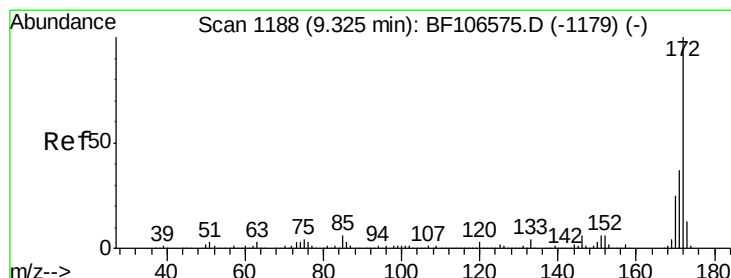
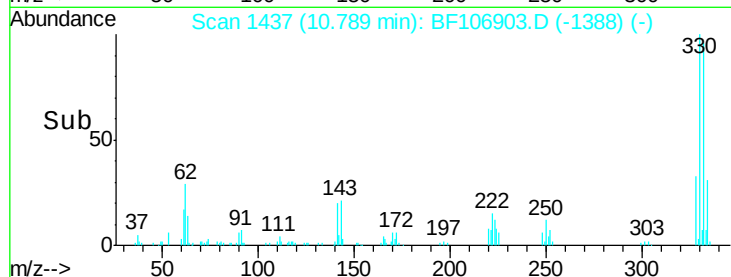
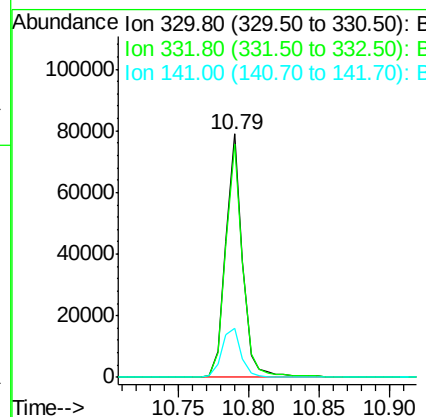
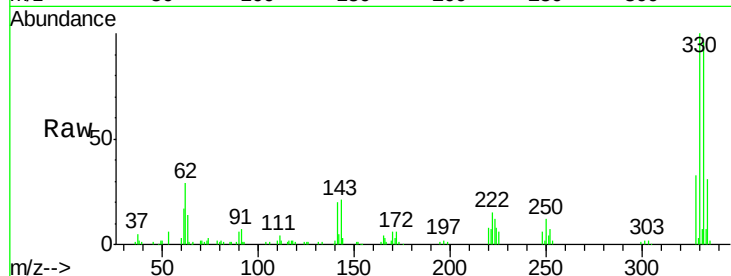




#41
 2,4,6-Tribromophenol
 Concen: 89.891 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

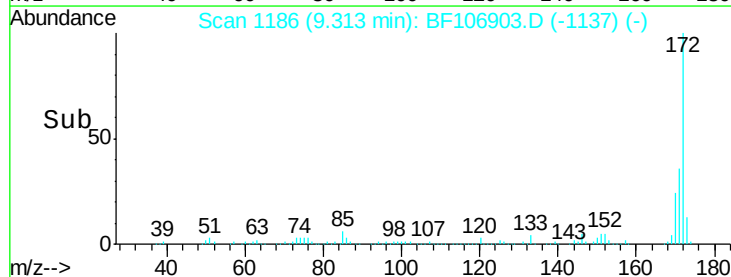
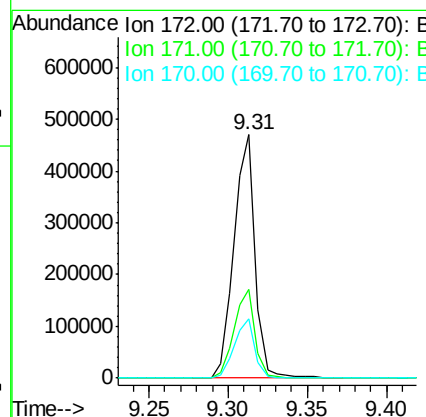
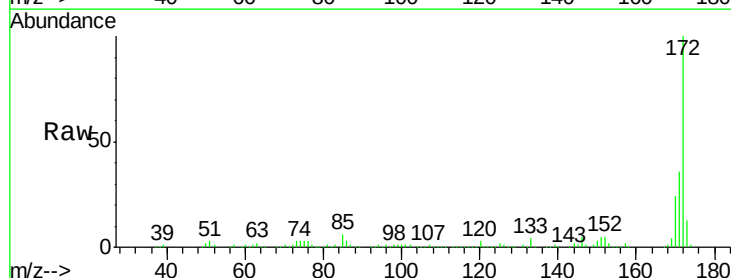
Instrument :
 BNA_F
 ClientSampleId :

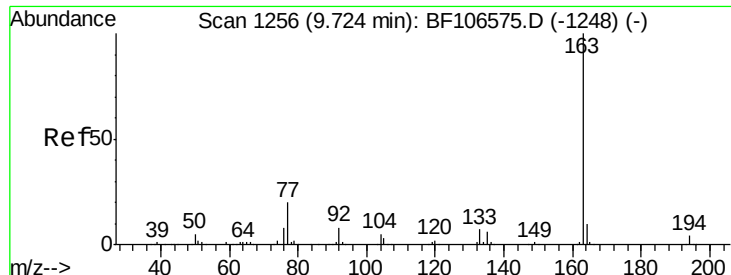
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	22.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 123.807 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

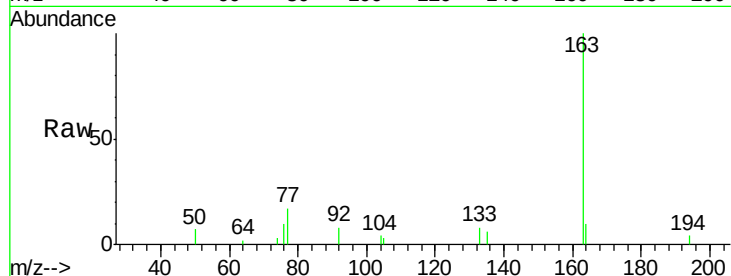




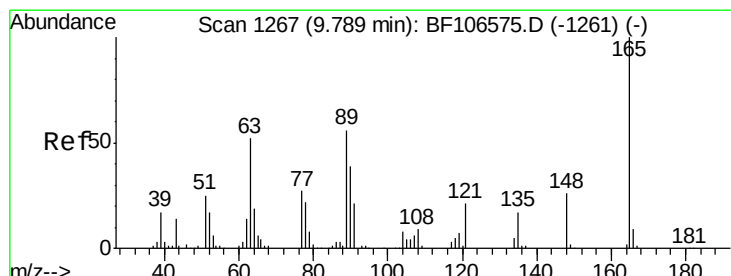
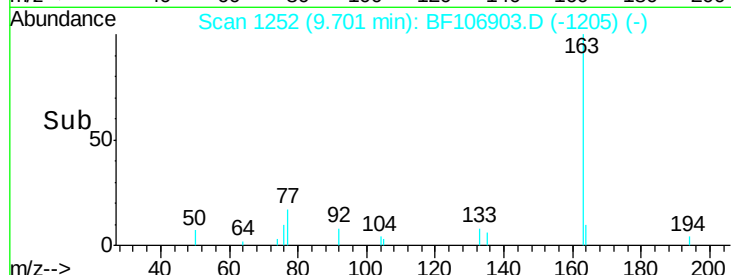
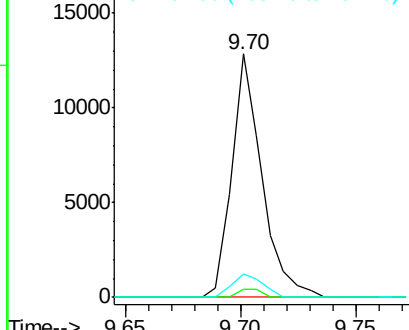
#49
Dimethylphthalate
Concen: 2.468 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106903.D
Acq: 28 Jun 2018 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 11599
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

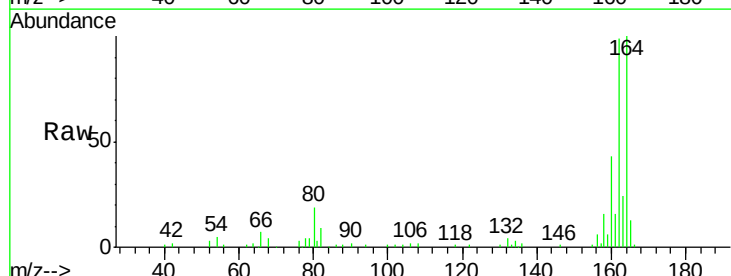


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

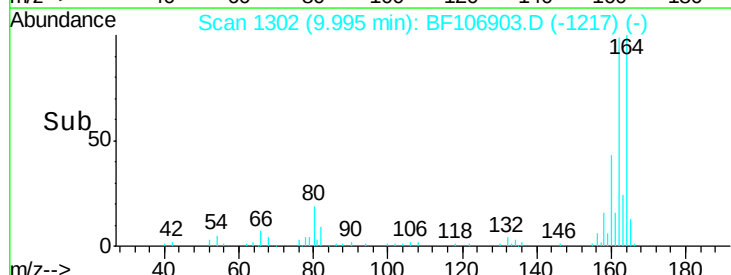
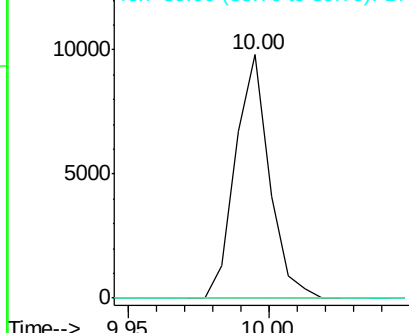


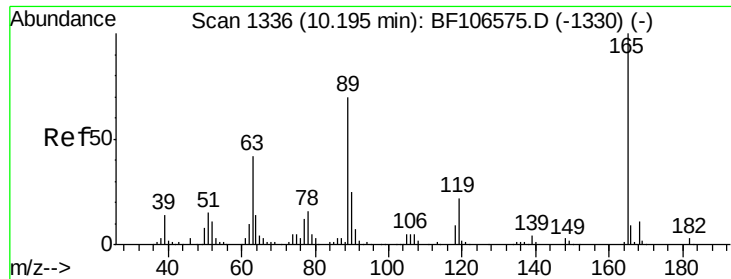
#50
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF106903.D
Acq: 28 Jun 2018 5:59

Tgt Ion:165 Resp: 8165
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

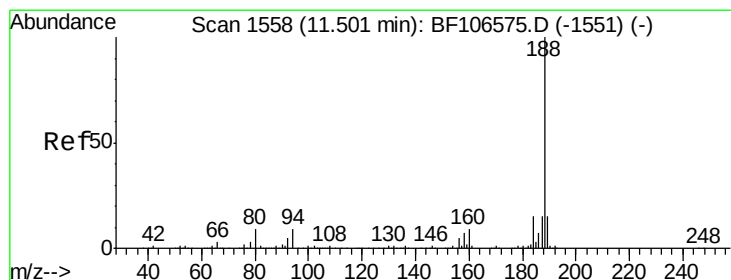
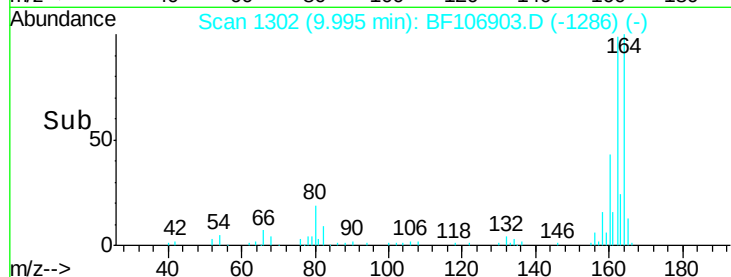
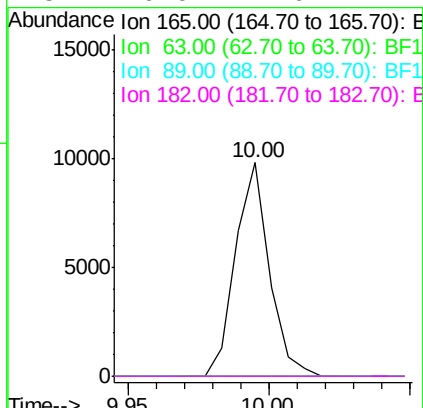
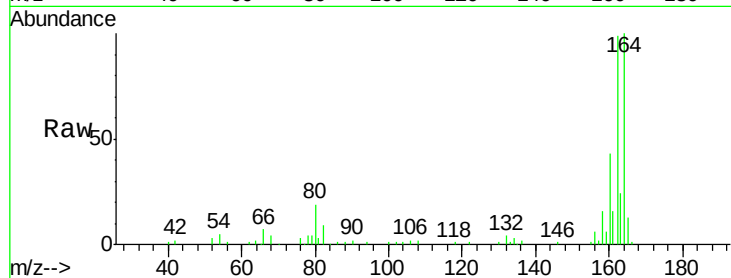




#56
 2,4-Dinitrotoluene
 Concen: 6.286 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

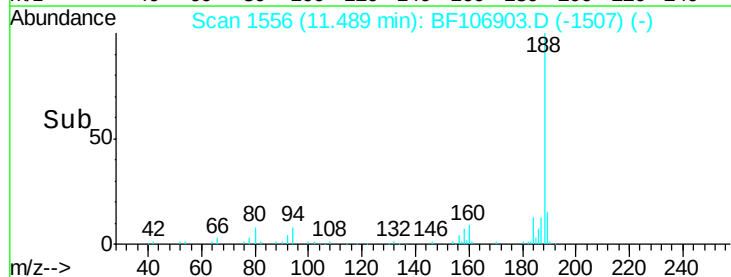
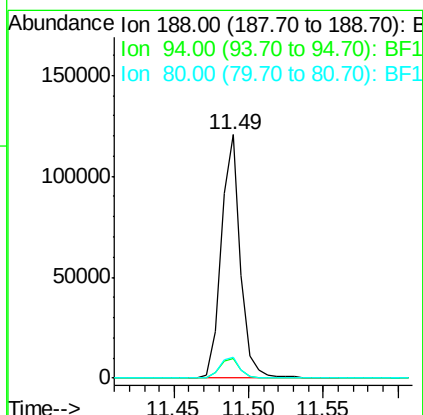
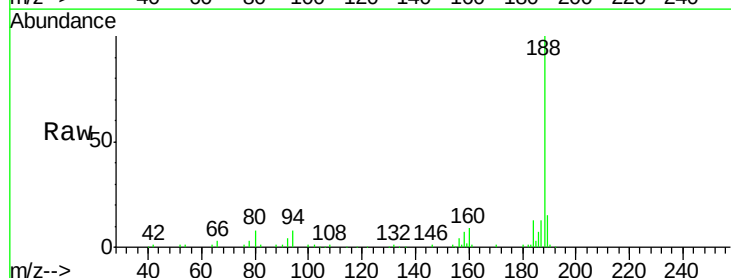
Instrument :
 BNA_F
 ClientSampled :

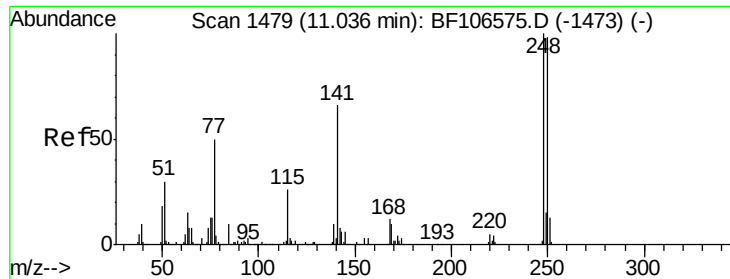
Tot Ion:165	Resp:	8165
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

Tgt Ion:188	Resp:	108658
Ion Ratio	Lower	Upper
188	100	
94	8.2	8.5 12.7#
80	8.3	9.2 13.8#

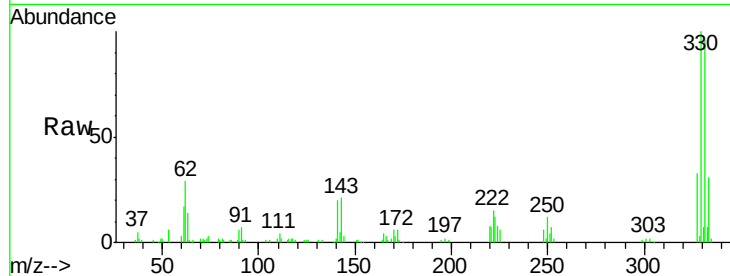




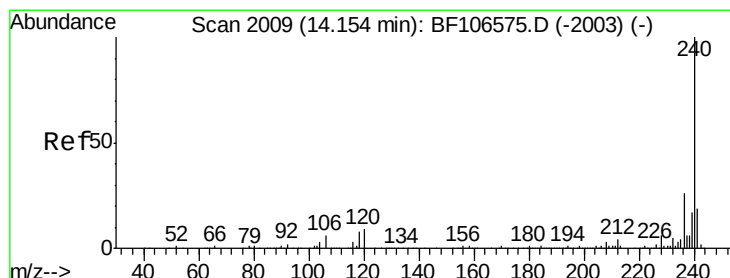
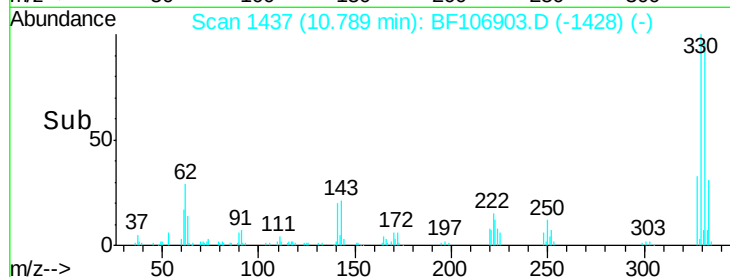
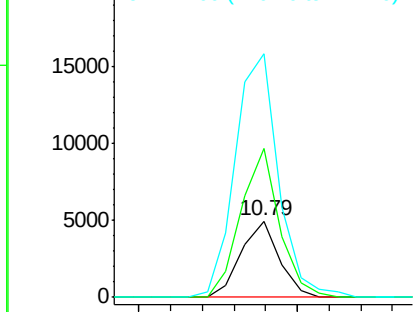
#66
 4-Bromophenyl-phenylether
 Concen: 3.183 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.9	115.3#
141	319.1	74.4	111.6#

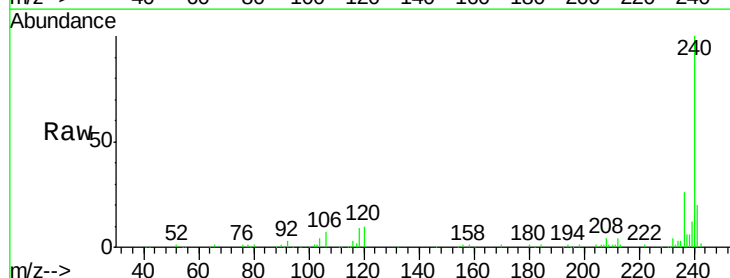


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

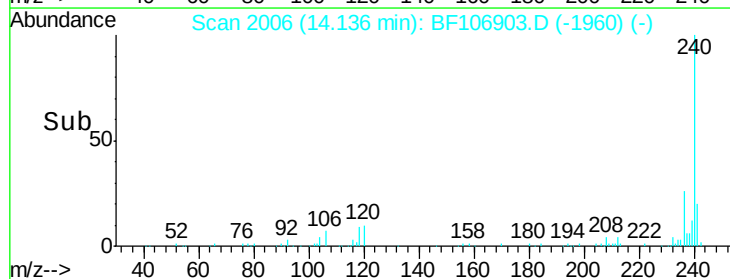
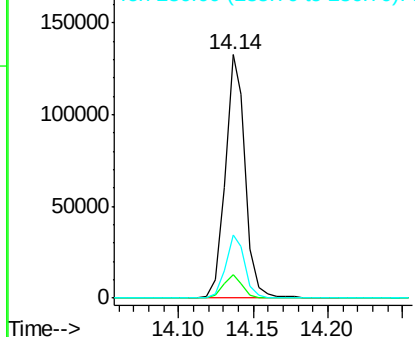


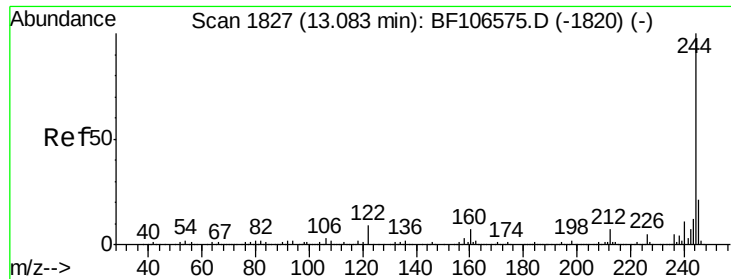
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF106903.D
 Acq: 28 Jun 2018 5:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	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: 87.866 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106903.D

Acq: 28 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

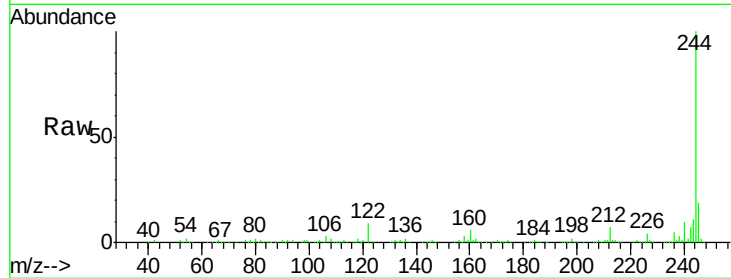
Tot Ion:244 Resp: 452173

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

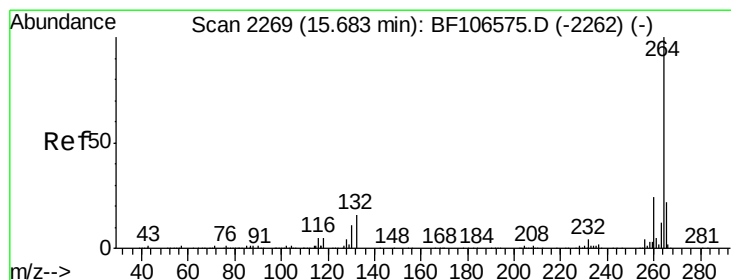
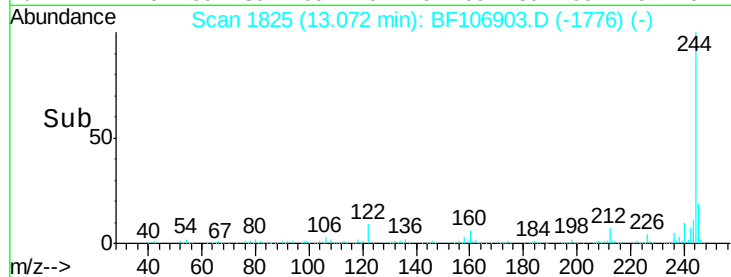
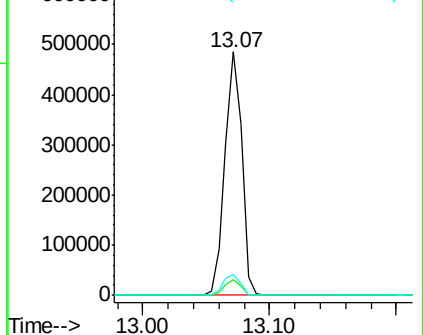
122 8.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF106903.D

Acq: 28 Jun 2018 5:59

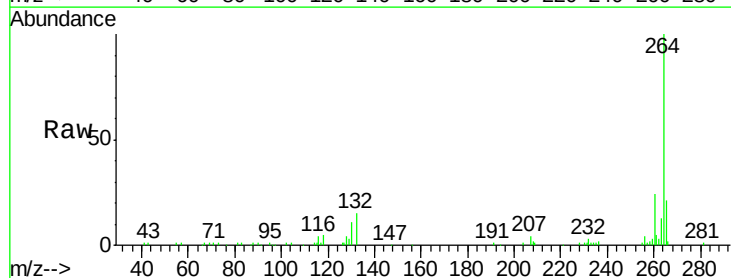
Tgt Ion:264 Resp: 87350

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 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

