

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107800.D
 Acq On : 30 Jul 2018 15:22
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 30 18:07:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.97
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.25
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.01
63) Phenanthrene-d10	11.72	188	597	20.00	ng	0.22
75) Chrysene-d12	14.17	240	257	20.00	ng	0.01
86) Perylene-d12	0.00	264	0	0.00	ng	-15.69

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	13.08	244	1965	165.80	ng	0.00

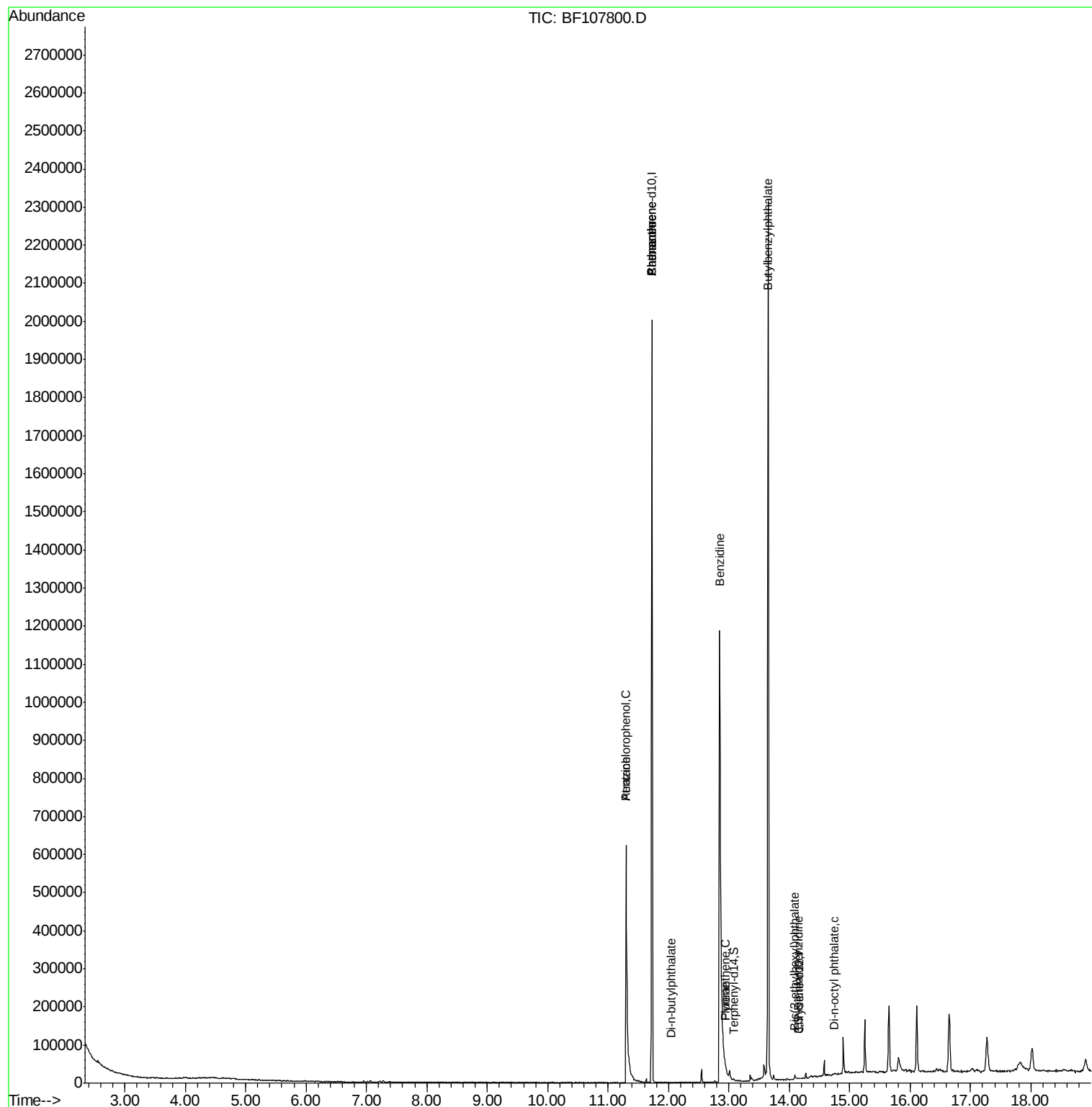
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) Atrazine	11.30	200	21125	3630.976	ng	# 37
69) Pentachlorophenol	11.30	266	132778	34955.731	ng	# 97
70) Phenanthrene	11.72	178	731	25.787	ng	# 1
71) Anthracene	11.72	178	731	22.357	ng	# 1
72) Carbazole	11.72	167	8504	263.186	ng	# 81
73) Di-n-butylphthalate	12.04	149	567	16.085	ng	# 78
74) Fluoranthene	12.95	202	138	4.144	ng	# 62
76) Benzidine	12.85	184	994688	119705.513	ng	# 97
77) Pyrene	12.95	202	138	7.457	ng	# 57
79) Butylbenzylphthalate	13.65	149	6800	839.085	ng	# 4
81) 3,3'-Dichlorobenzidine	14.14	252	1327	235.143	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.09	149	3660	359.248	ng	# 91
84) Di-n-octyl phthalate	14.74	149	238	14.554	ng	# 1

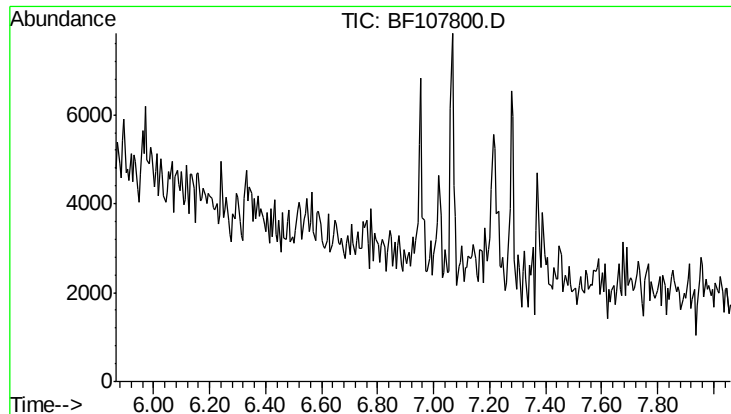
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107800.D
Acq On : 30 Jul 2018 15:22
Operator : JU/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 30 18:07:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.97 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

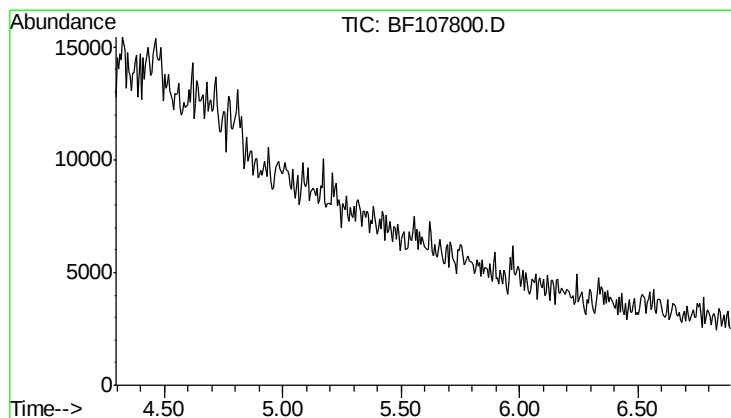
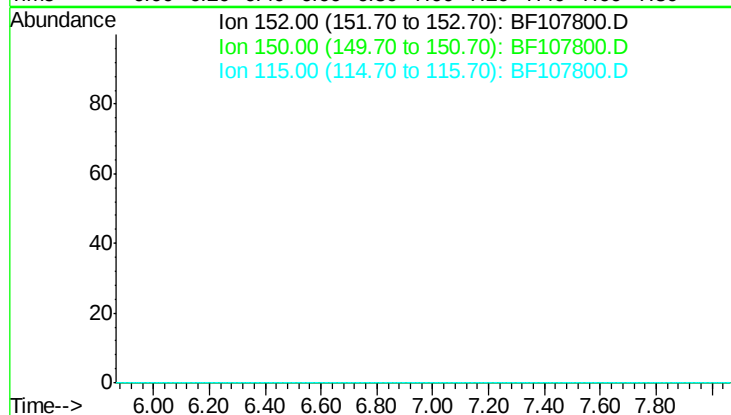
Tgt Ion: 152

Sig Exp Ratio

152 100

150 155.7

115 62.6



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.59 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

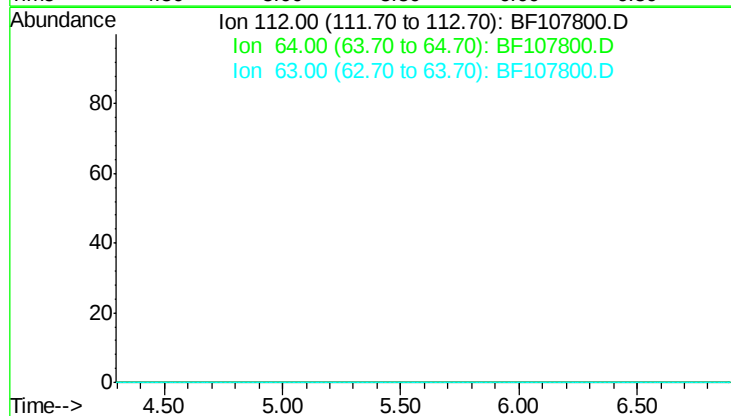
Tgt Ion: 112

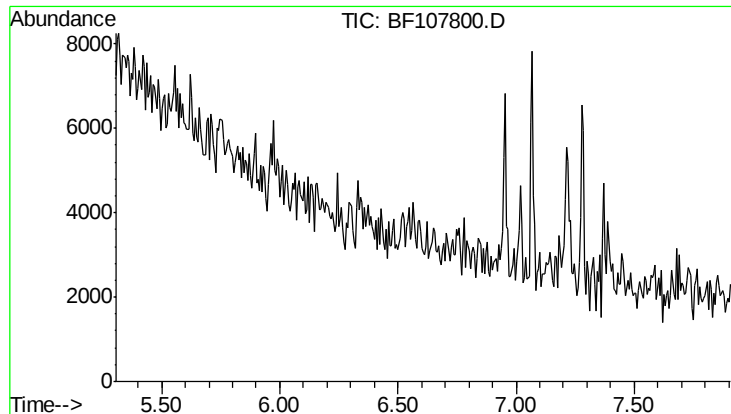
Sig Exp Ratio

112 100

64 59.9

63 29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.61 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

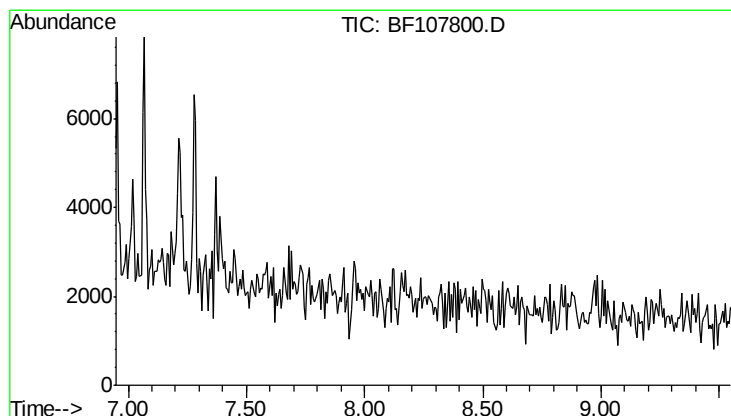
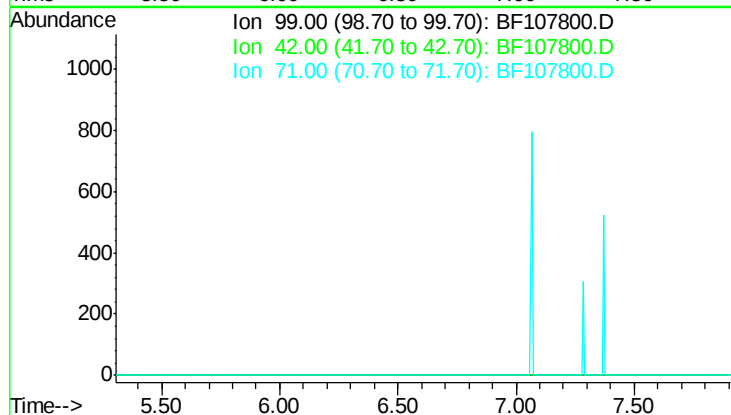
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.25 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

Tgt Ion: 136

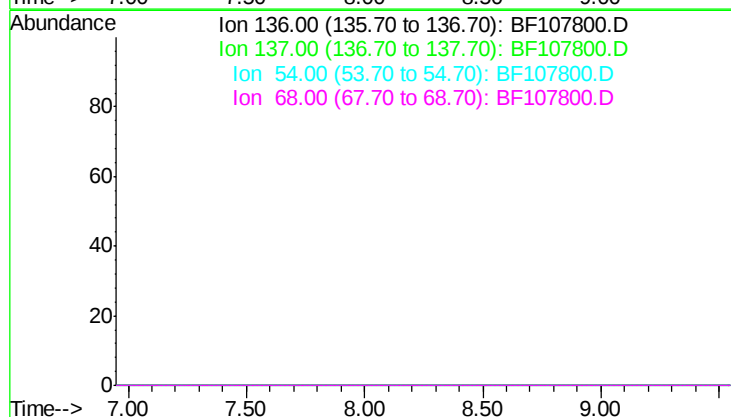
Sig Exp Ratio

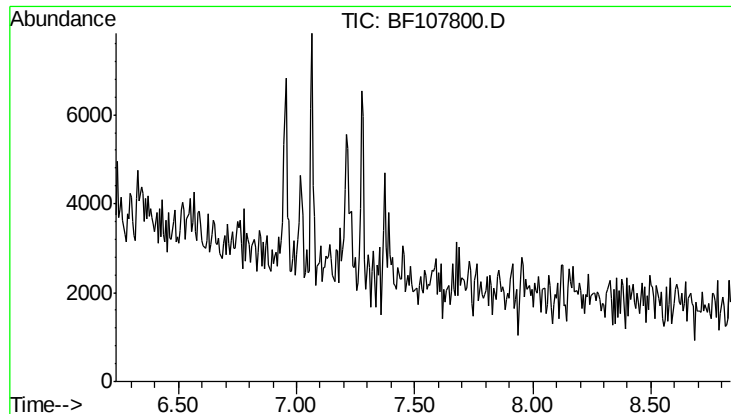
136 100

137 11.1

54 8.2

68 6.2

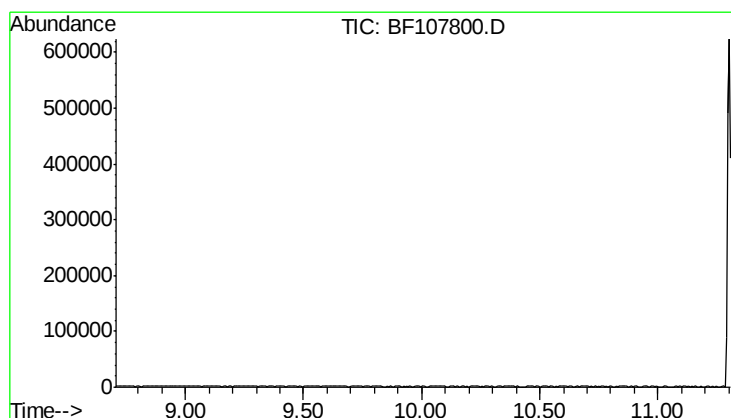
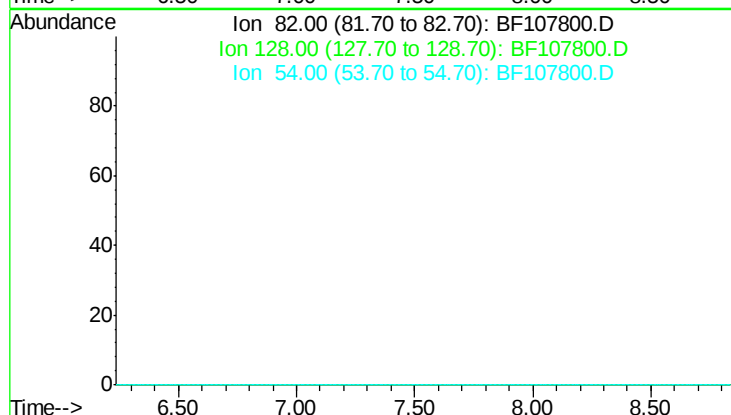




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.54 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

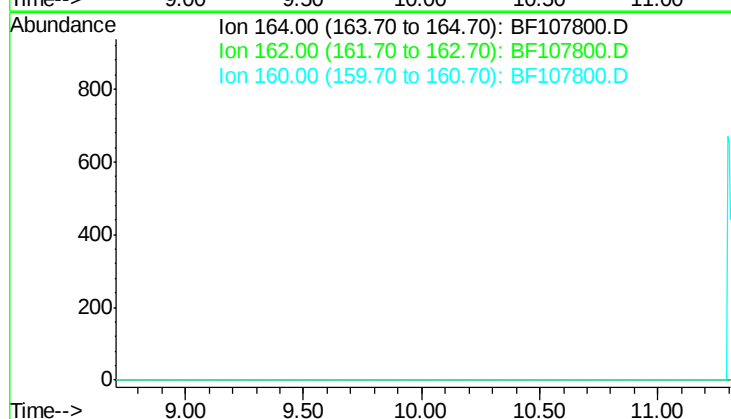
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

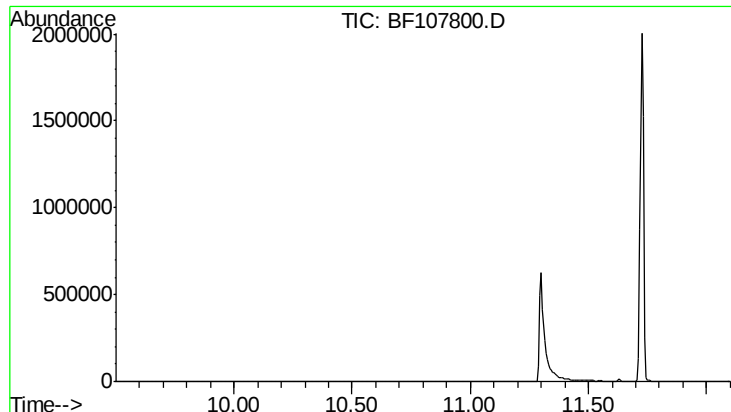
Tgt Ion	Exp Ratio
82	100
128	45.1
54	51.8



#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 10.01 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Tgt Ion	Exp Ratio
164	100
162	107.6
160	47.9



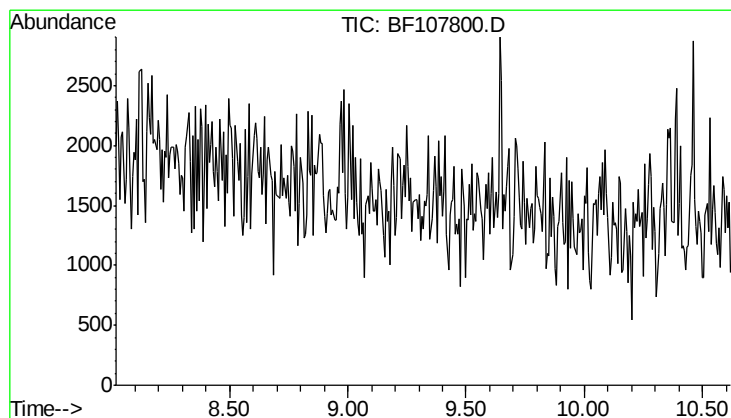
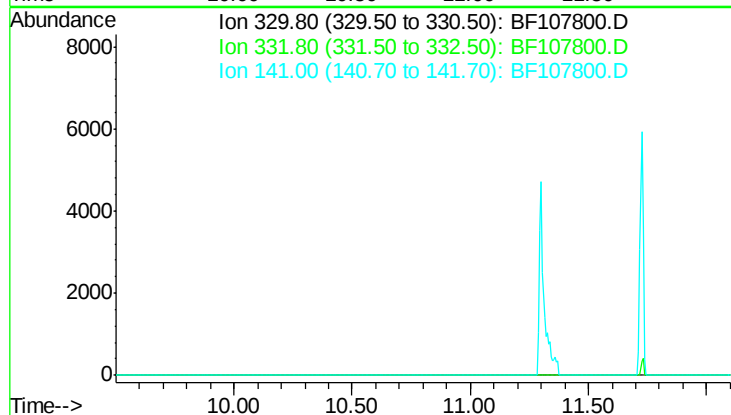


#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.80 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

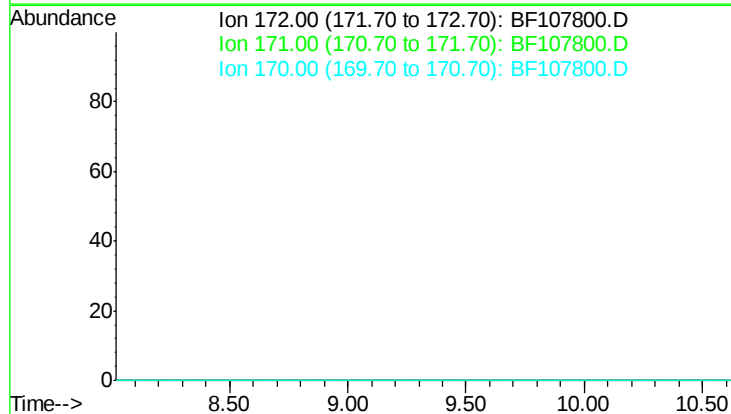
Sig	Exp Ratio
330	100
332	96.3
141	37.4

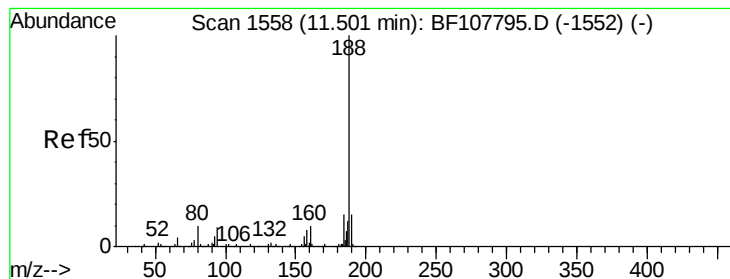


#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.32 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.1
170	24.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.72 min Scan# 1596

Delta R.T. 0.22 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

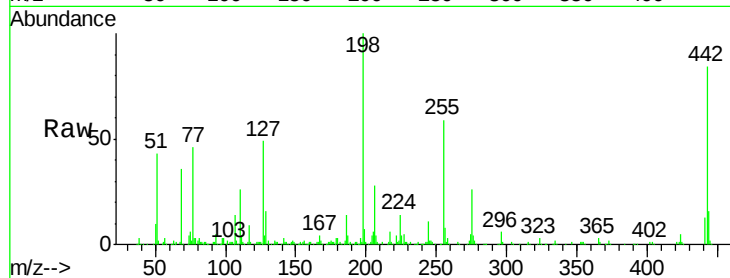
Tgt Ion:188 Resp: 597

Ion Ratio Lower Upper

188 100

94 81.2 8.5 12.7#

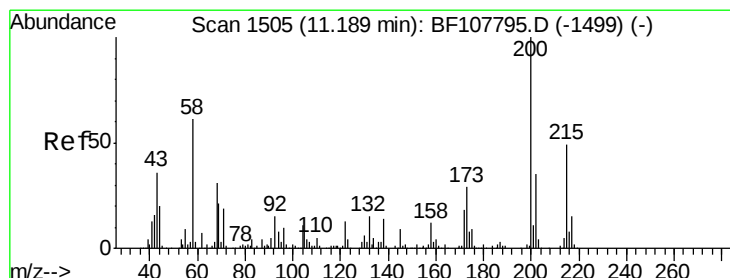
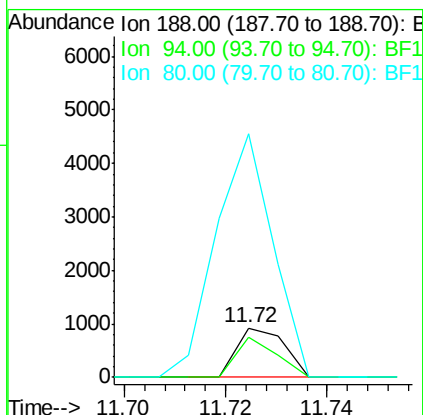
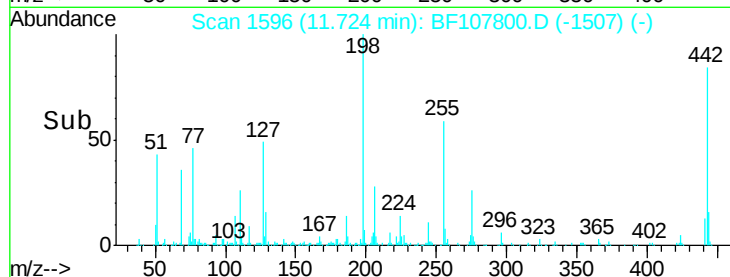
80 491.6 9.2 13.8#



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



#68

Atrazine

Concen: 3630.976 ng

RT: 11.30 min Scan# 1524

Delta R.T. 0.11 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

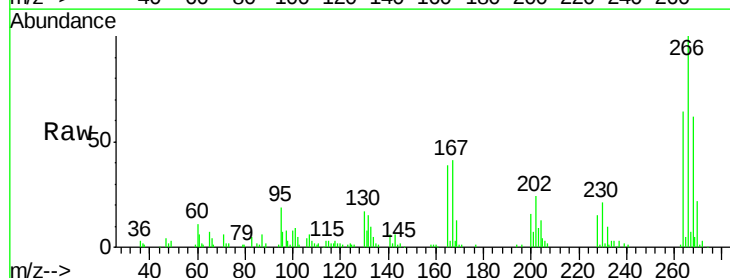
Tgt Ion:200 Resp: 21125

Ion Ratio Lower Upper

200 100

173 0.0 8.6 48.6#

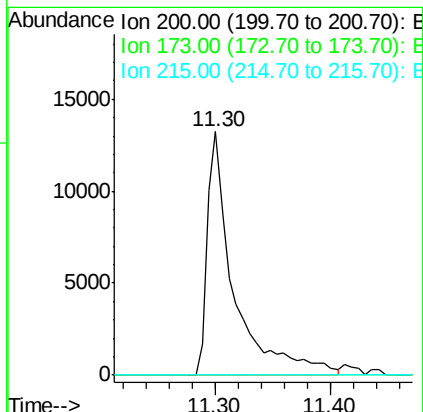
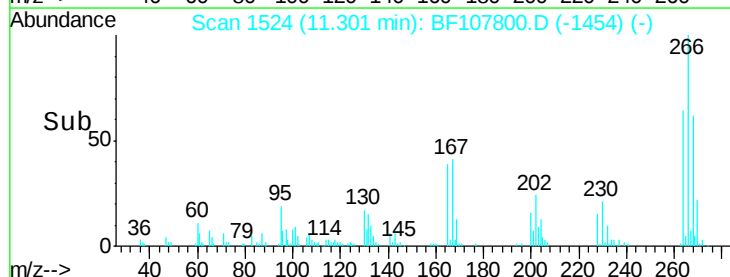
215 0.0 25.1 65.1#

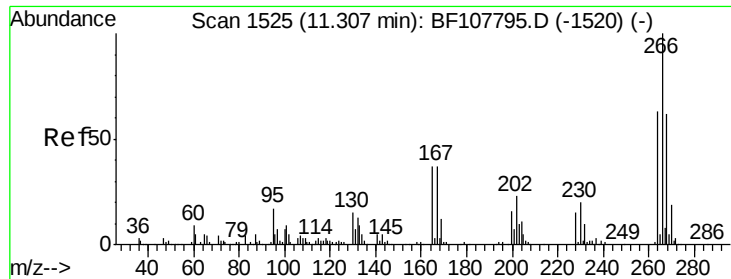


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

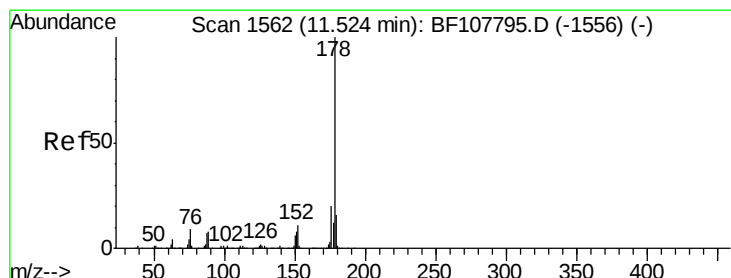
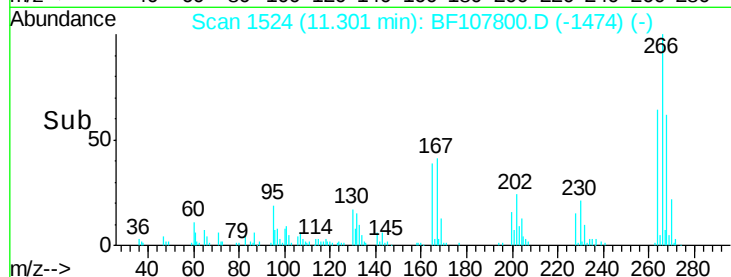
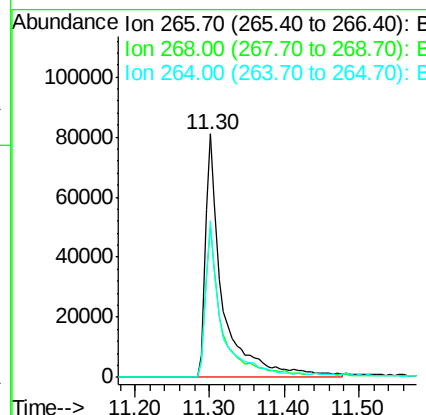
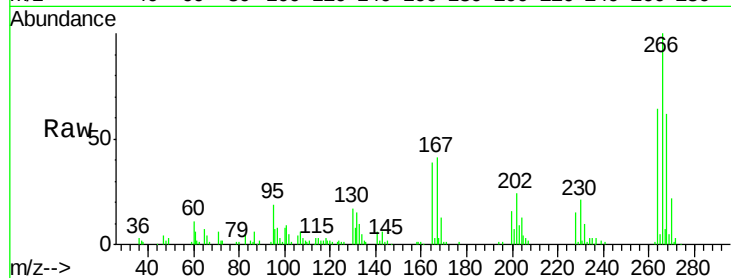




#69
 Pentachlorophenol
 Concen: 34955.731 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

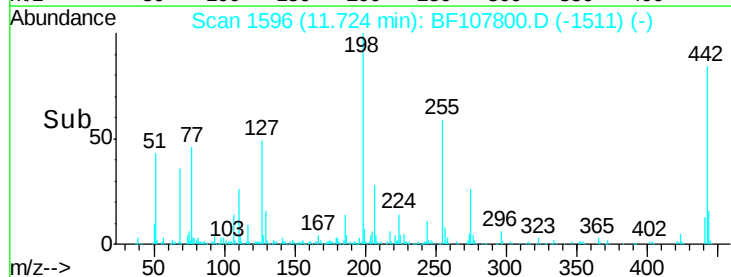
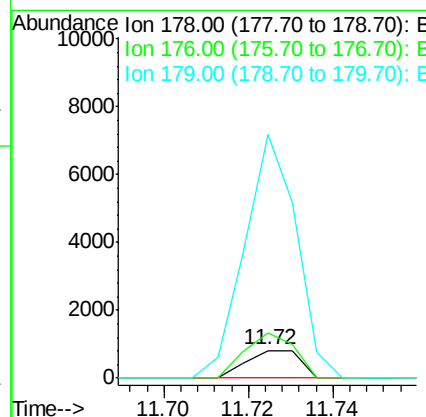
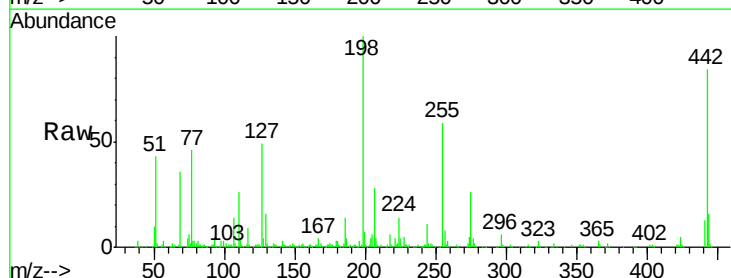
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

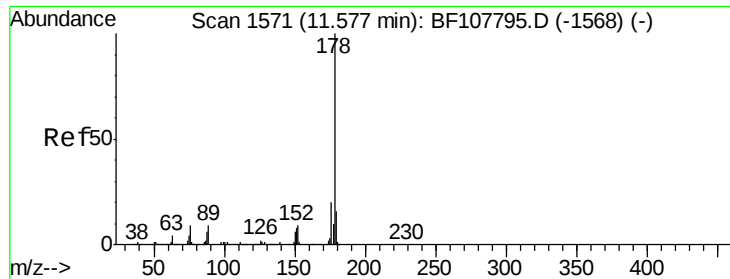
Tgt Ion:266 Resp: 132778
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 64.4 49.5 74.3



#70
 Phenanthrene
 Concen: 25.787 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. 0.20 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Tgt Ion:178 Resp: 731
 Ion Ratio Lower Upper
 178 100
 176 162.6 15.8 23.8#
 179 880.0 13.0 19.6#

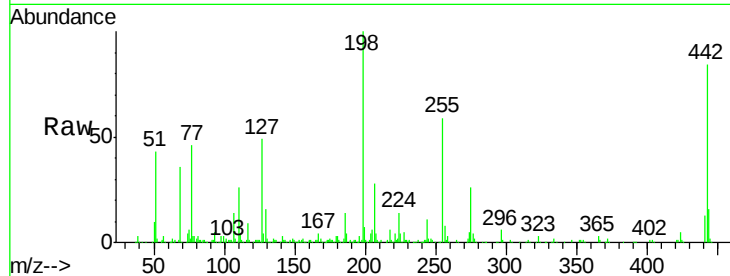




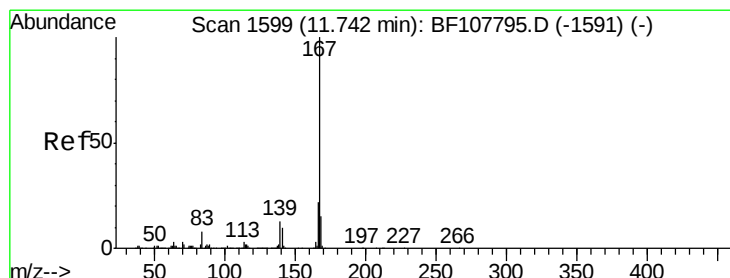
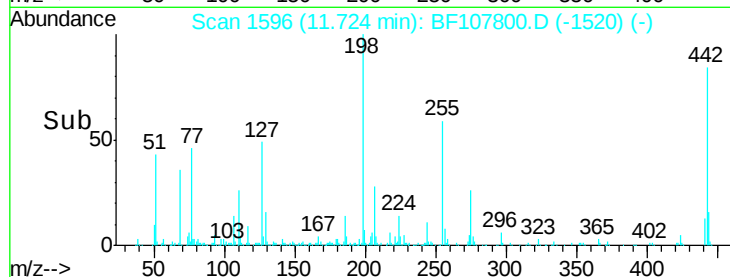
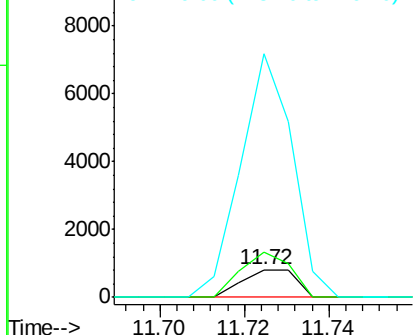
#71
 Anthracene
 Concen: 22.357 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. 0.15 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Instrument :
 BNA_F
 ClientSampleID :
 DFTPP

Tgt Ion:178 Resp: 731
 Ion Ratio Lower Upper
 178 100
 176 162.6 15.4 23.2#
 179 880.0 12.6 19.0#

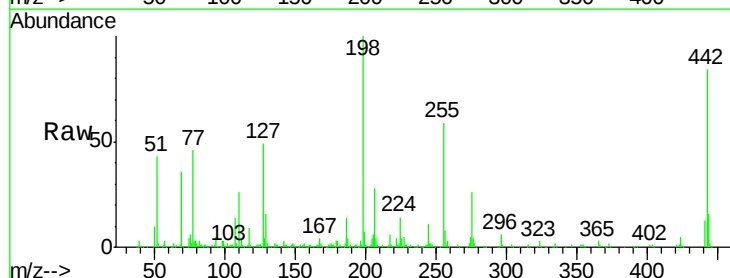


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

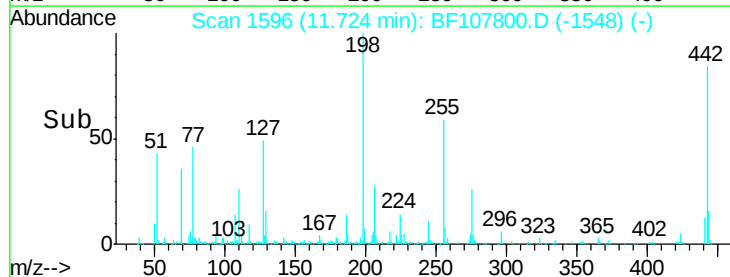
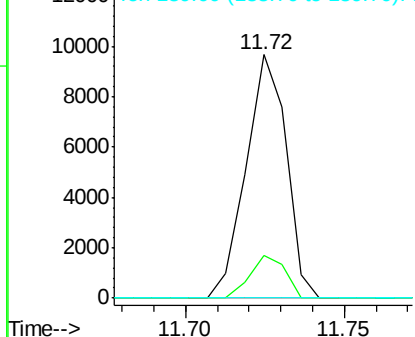


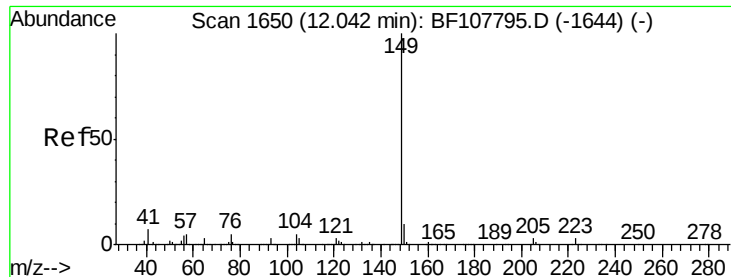
#72
 Carbazole
 Concen: 263.186 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Tgt Ion:167 Resp: 8504
 Ion Ratio Lower Upper
 167 100
 166 17.3 17.6 26.4#
 139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 16.085 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

Instrument :

BNA_F

ClientSampleId :

DFTPP

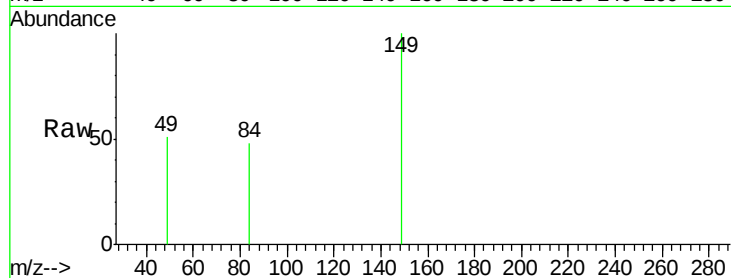
Tgt Ion:149 Resp: 567

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

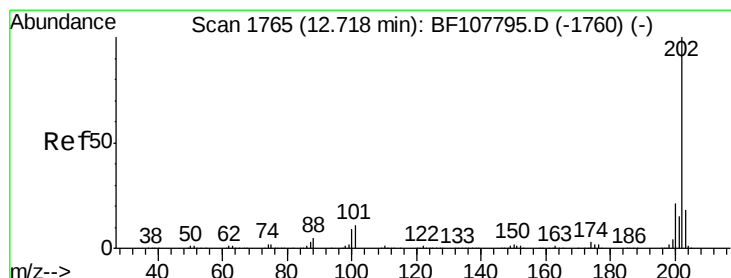
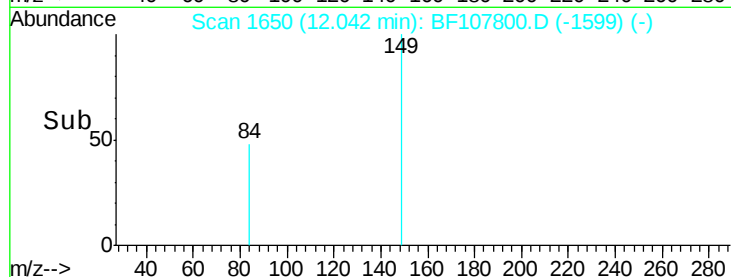
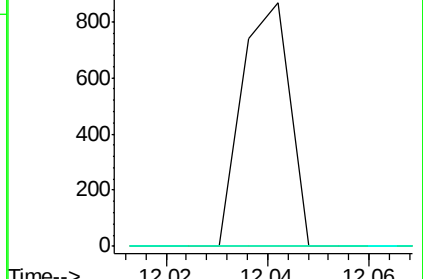
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.144 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.23 min

Lab File: BF107800.D

Acq: 30 Jul 2018 15:22

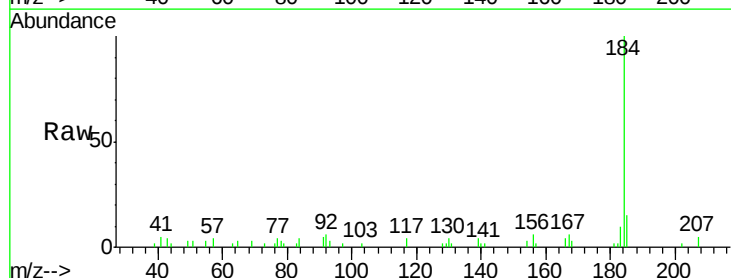
Tgt Ion:202 Resp: 138

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

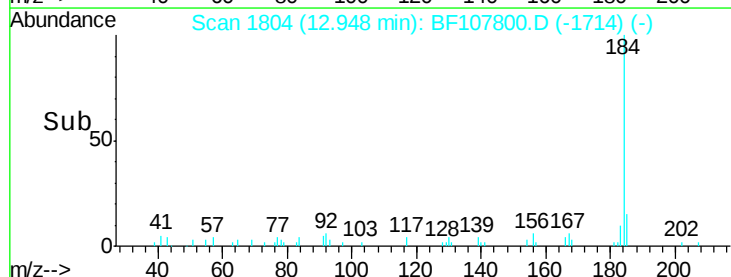
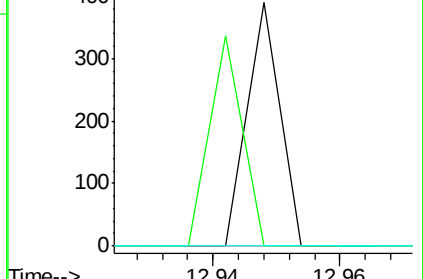
203 0.0 0.0 38.1

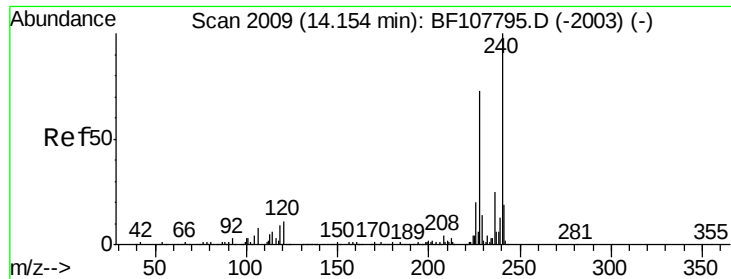


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

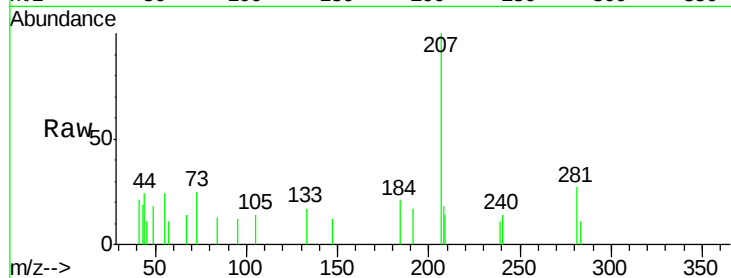




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107800.D
Acq: 30 Jul 2018 15:22

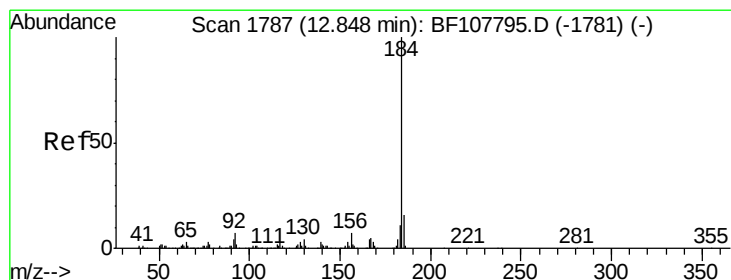
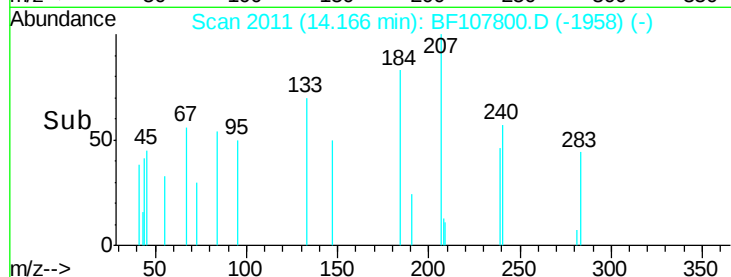
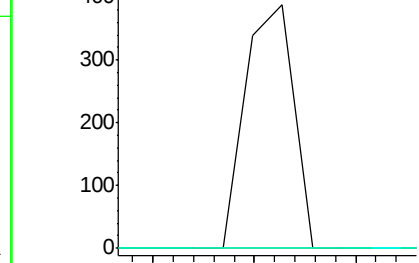
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 240 Resp: 257
Ion Ratio Lower Upper
240 100
120 0.0 9.5 14.3#
236 0.0 20.7 31.1#



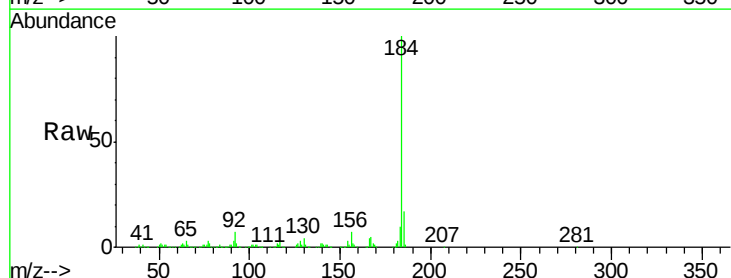
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.17



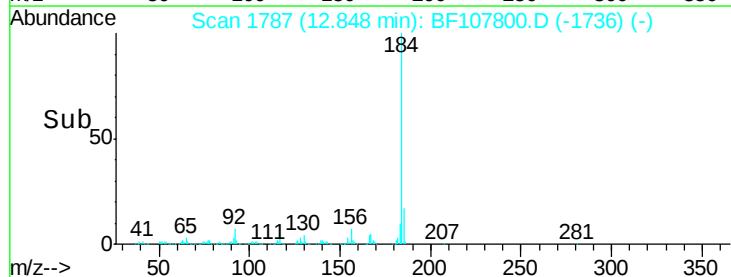
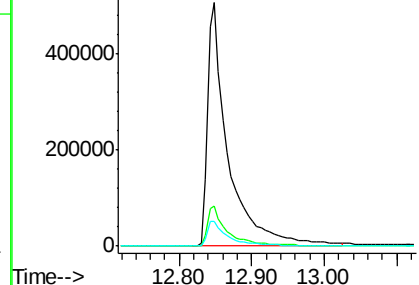
#76
Benzidine
Concen: 119705.513 ng
RT: 12.85 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF107800.D
Acq: 30 Jul 2018 15:22

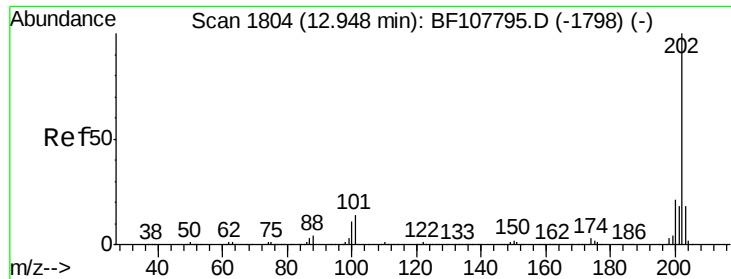
Tgt Ion: 184 Resp: 994688
Ion Ratio Lower Upper
184 100
185 16.5 12.6 18.8
183 10.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.85

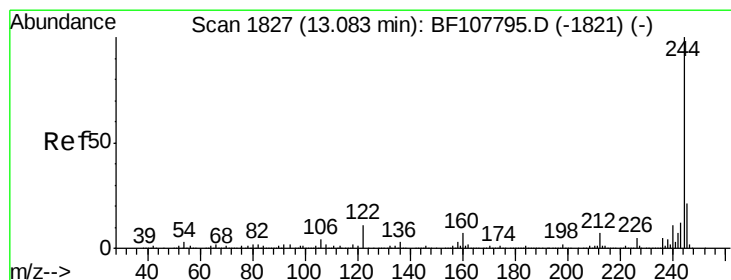
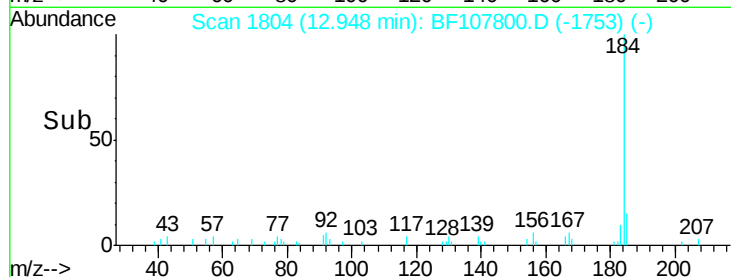
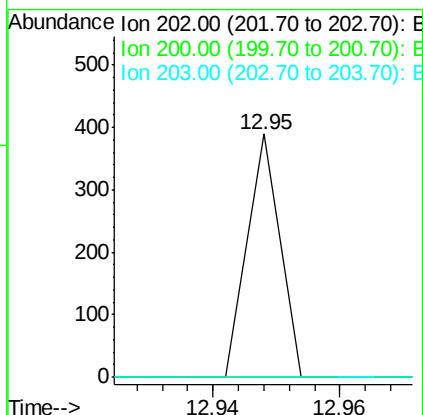
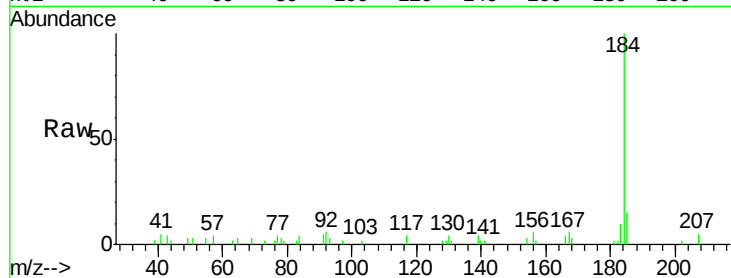




#77
 Pyrene
 Concen: 7.457 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

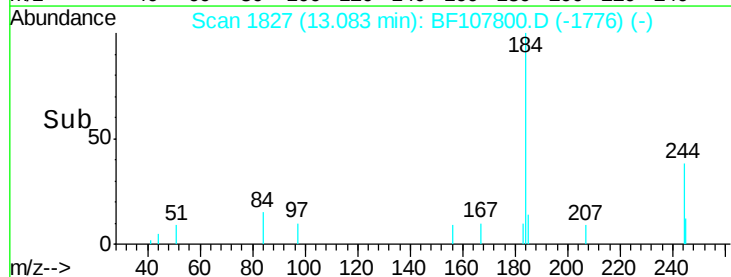
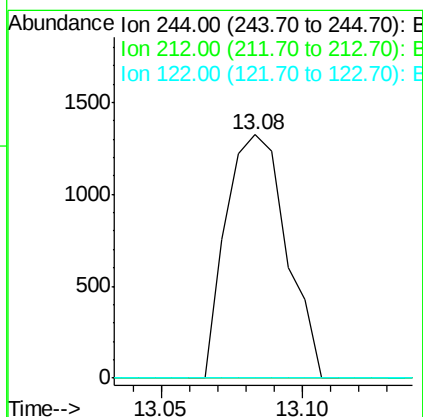
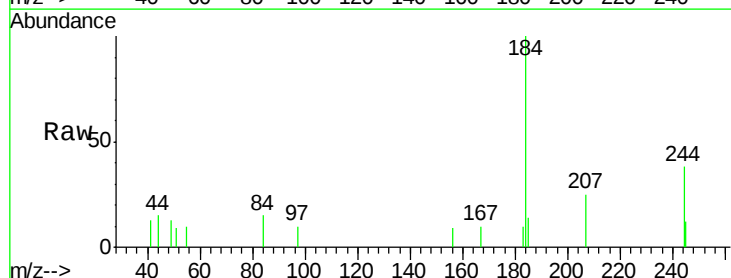
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

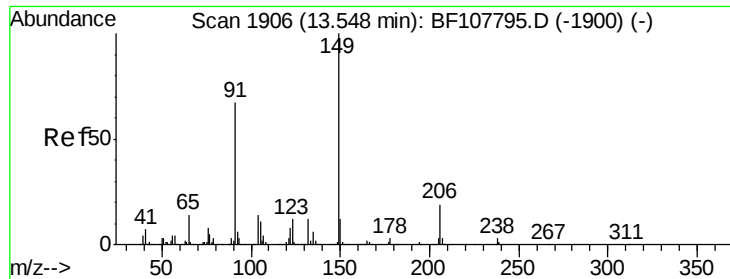
Tgt Ion: 202 Resp: 138
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.4 26.2#
 203 0.0 14.3 21.5#



#78
 Terphenyl-d14
 Concen: 165.796 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Tgt Ion: 244 Resp: 1965
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.4 8.0#
 122 0.0 11.0 16.4#

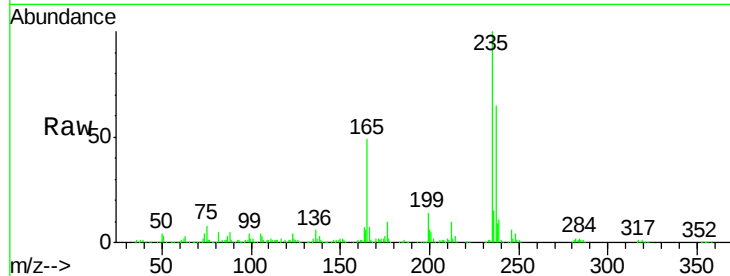




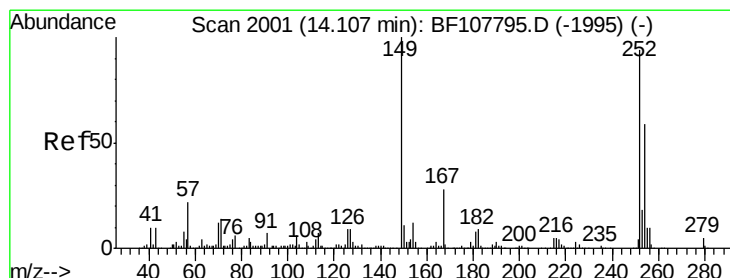
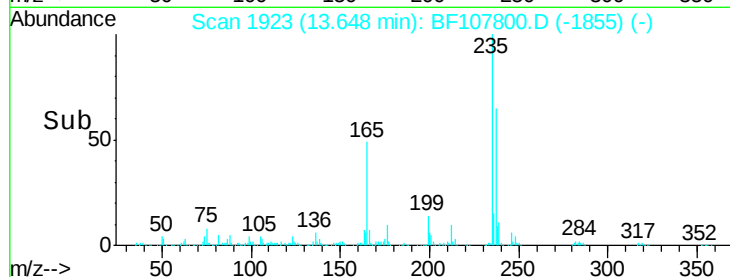
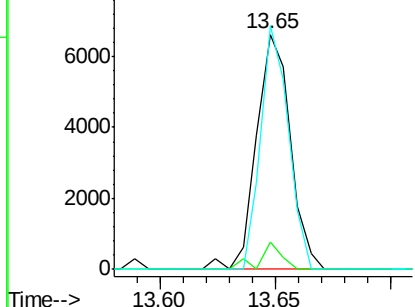
#79
Butylbenzylphthalate
Concen: 839.085 ng
RT: 13.65 min Scan# 1923
Delta R.T. 0.10 min
Lab File: BF107800.D
Acq: 30 Jul 2018 15:22

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 6800
Ion Ratio Lower Upper
149 100
91 11.8 56.8 85.2#
206 103.6 14.1 21.1#

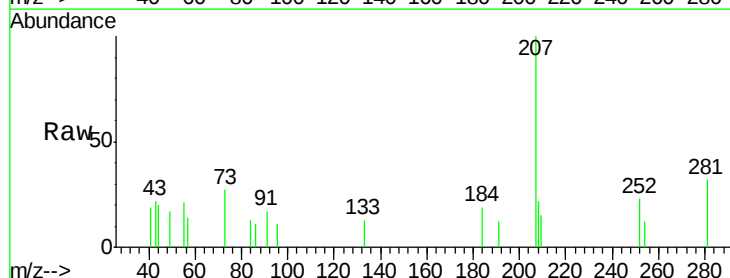


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

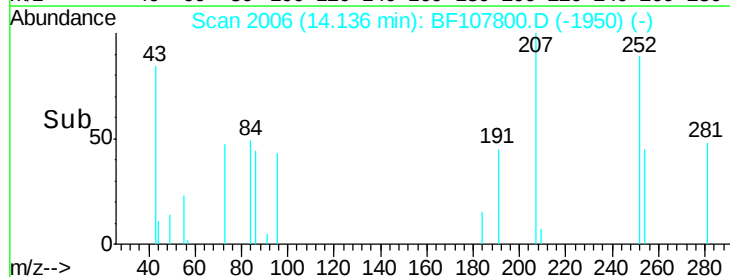
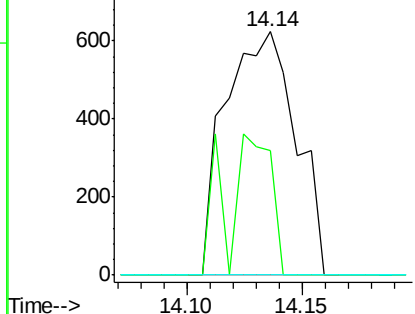


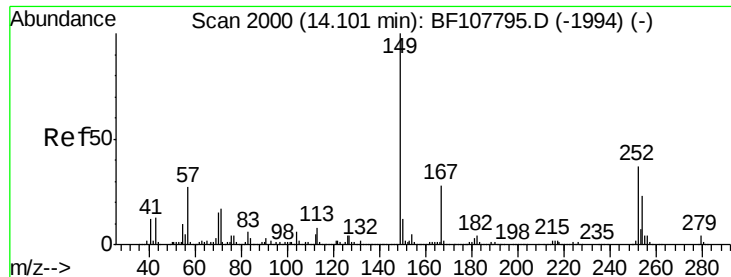
#81
3,3'-Dichlorobenzidine
Concen: 235.143 ng
RT: 14.14 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BF107800.D
Acq: 30 Jul 2018 15:22

Tgt Ion:252 Resp: 1327
Ion Ratio Lower Upper
252 100
254 51.0 50.4 75.6
126 0.0 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

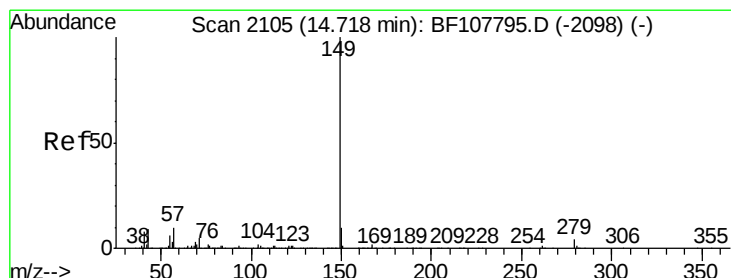
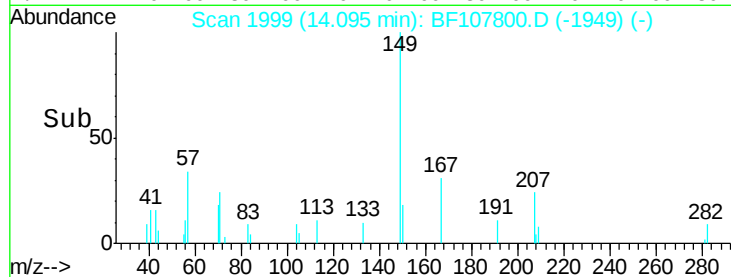
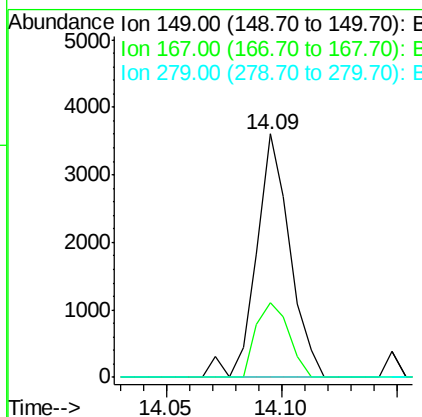
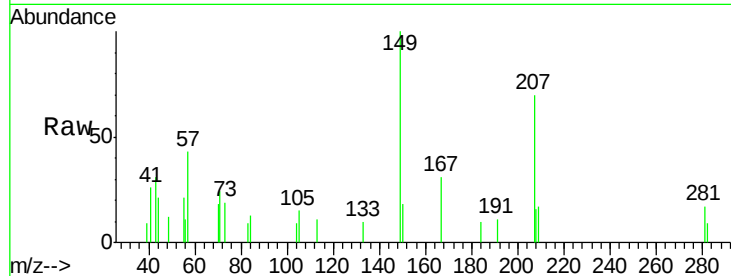




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 359.248 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

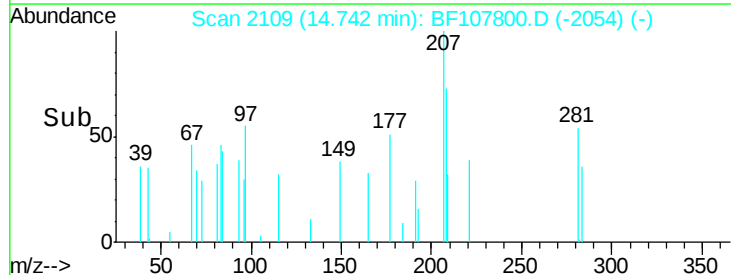
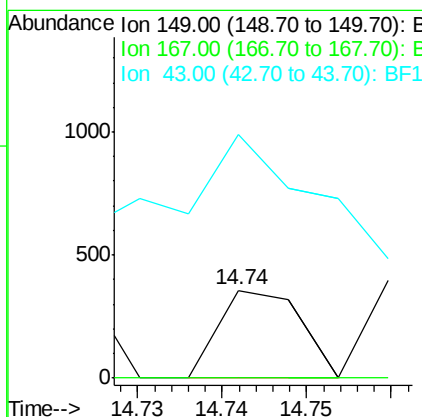
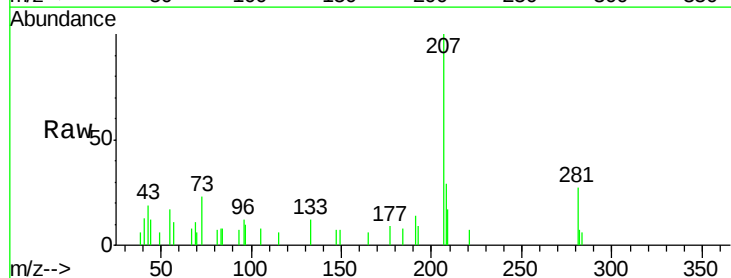
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

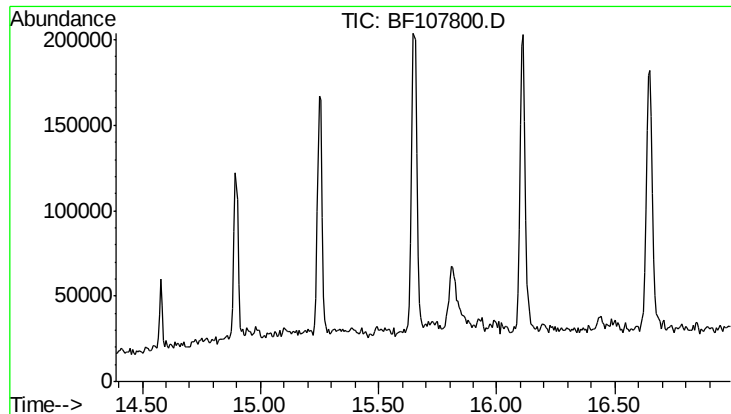
Tgt Ion:149 Resp: 3660
 Ion Ratio Lower Upper
 149 100
 167 30.9 21.3 31.9
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 14.554 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. 0.02 min
 Lab File: BF107800.D
 Acq: 30 Jul 2018 15:22

Tgt Ion:149 Resp: 238
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 216.4 8.4 12.6#





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.69 min
Lab File: BF107800.D
Acq: 30 Jul 2018 15:22

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.0
265 21.9

