

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118881.D
 Acq On : 10 Feb 2020 21:14
 Operator : CG/JU
 Sample : L1468-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

Quant Time: Feb 11 00:18:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156277	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	589989	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	353968	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	656239	20.00	ng	0.00
76) Chrysene-d12	13.98	240	450088	20.00	ng	0.00
87) Perylene-d12	15.43	264	493934	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	243901	29.54	ng	0.00
7) Phenol-d6	6.45	99	302032	29.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	139909	14.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	85839	20.27	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	352960	17.83	ng	-0.01
79) Terphenyl-d14	12.92	244	443940	20.26	ng	-0.01

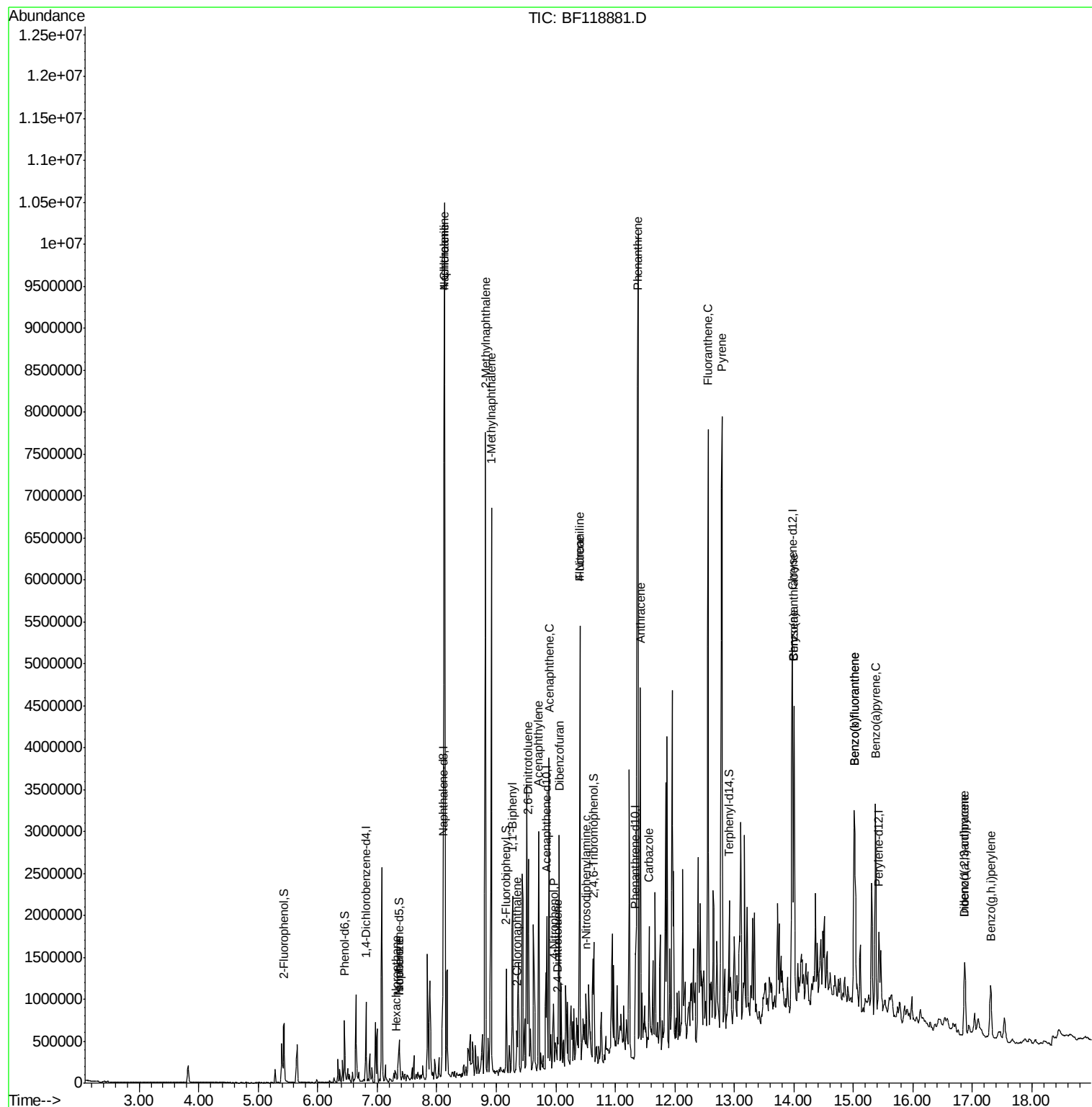
Target Compounds				Qvalue		
9) Benzaldehyde	6.37	77	6816	Below Cal	#	1
18) Hexachloroethane	7.32	117	11772	3.004 ng	#	5
25) Isophorone	7.37	82	137375	7.722 ng	#	63
31) Naphthalene	8.13	128	6648119	246.376 ng	#	93
33) 4-Chloroaniline	8.13	127	1051109	87.067 ng	#	36
37) 2-Methylnaphthalene	8.82	142	2313991	123.647 ng		96
38) 1-Methylnaphthalene	8.92	142	1754585	99.664 ng		100
46) 1,1'-Biphenyl	9.27	154	647723	26.453 ng		98
47) 2-Chloronaphthalene	9.35	162	86749	4.262 ng	#	45
49) Acenaphthylene	9.72	152	811246	27.602 ng	#	96
51) 2,6-Dinitrotoluene	9.55	165	12277	2.226 ng	#	8
52) Acenaphthene	9.89	154	691997	35.730 ng		98
55) Dibenzofuran	10.06	168	758671	27.106 ng	#	97
56) 4-Nitrophenol	9.96	139	12491	2.822 ng	#	42
57) 2,4-Dinitrotoluene	10.03	165	19994	2.740 ng	#	68
58) Fluorene	10.40	166	1489176	70.722 ng		98
62) 4-Nitroaniline	10.40	138	17543	2.864 ng	#	27
66) n-Nitrosodiphenylamine	10.51	169	42868	2.255 ng	#	38
71) Phenanthrene	11.38	178	5292357	163.911 ng		96
72) Anthracene	11.42	178	1675900	52.175 ng		99
73) Carbazole	11.57	167	536756	19.041 ng		97
75) Fluoranthene	12.56	202	3444744	97.716 ng		98
78) Pyrene	12.79	202	3589783	116.260 ng		97
81) Benzo(a)anthracene	14.01	228	1475795	55.102 ng		95
83) Chrysene	14.01	228	1475795	54.901 ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	593029	21.958 ng		96
88) Benzo(b)fluoranthene	15.02	252	2047023	66.788 ng		98
89) Benzo(k)fluoranthene	15.02	252	2047023	76.697 ng	#	97
90) Benzo(a)pyrene	15.37	252	1379050	52.575 ng		99
91) Dibenzo(a,h)anthracene	16.87	278	175075	7.519 ng	#	90
92) Benzo(g,h,i)perylene	17.31	276	572883	25.582 ng		98

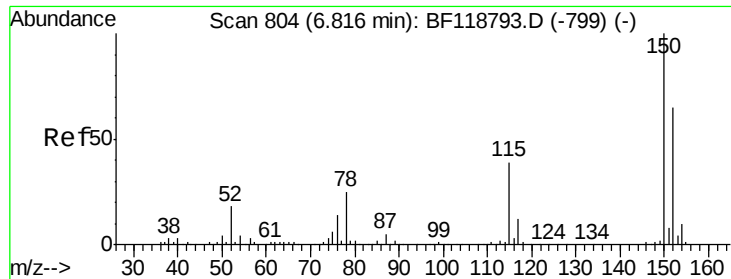
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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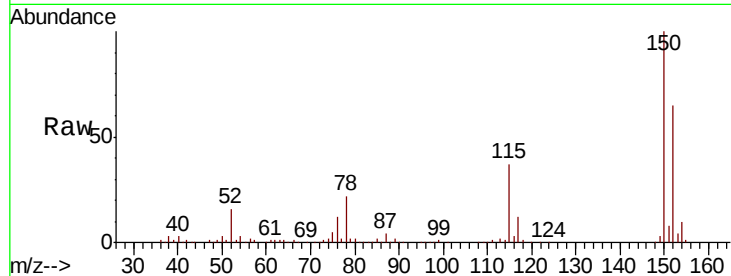




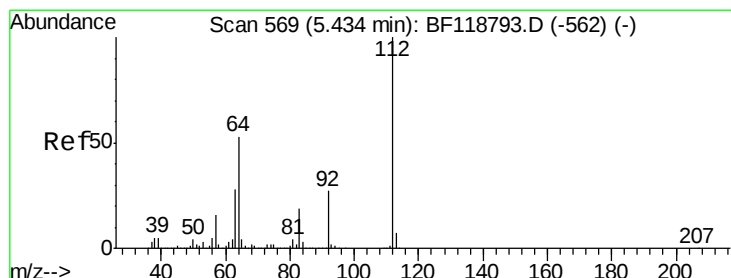
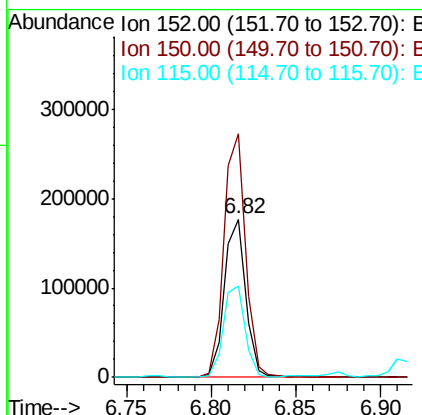
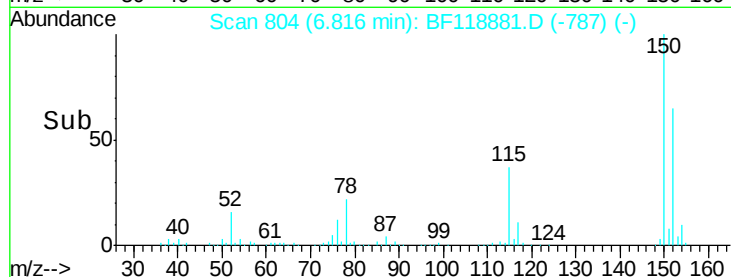
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.6	185.4
115	57.4	48.2	72.2

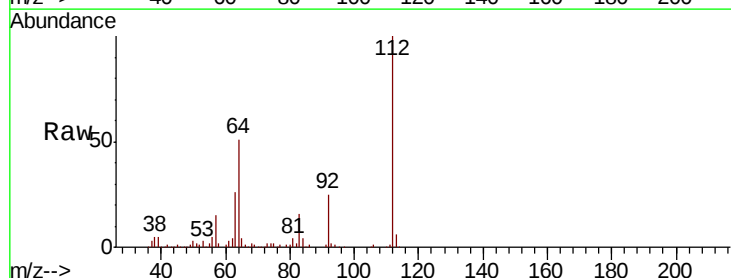


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

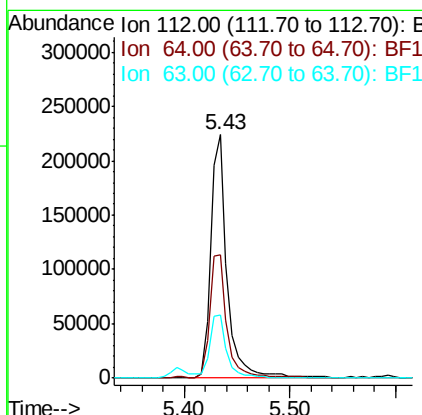
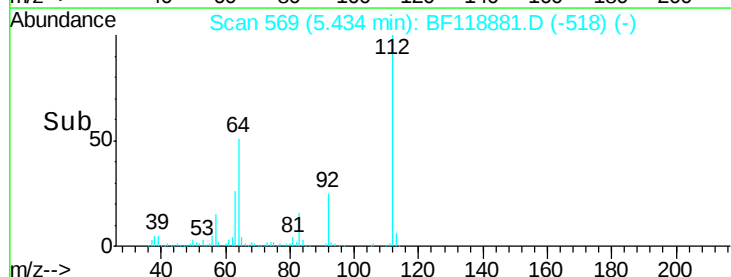


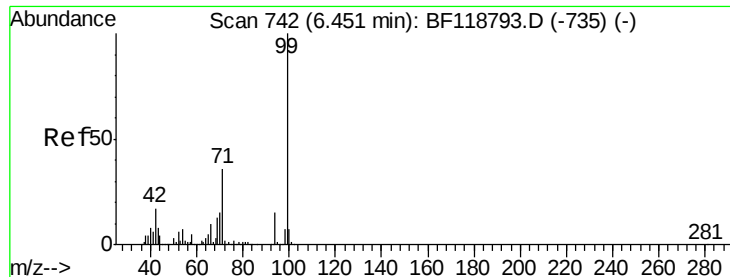
#5
 2-Fluorophenol
 Concen: 29.543 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.6	63.8
63	26.2	22.2	33.4



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: 29.471 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

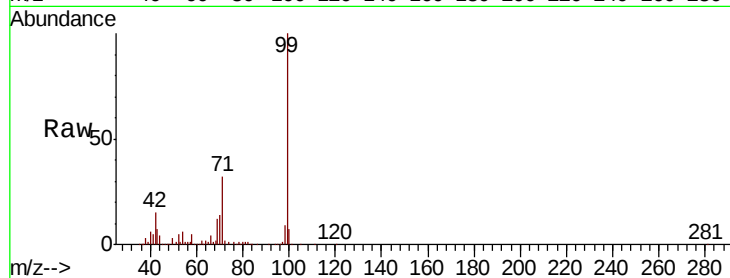
Tot Ion: 99 Resp: 302032

Ion Ratio Lower Upper

99 100

42 14.9 13.4 20.0

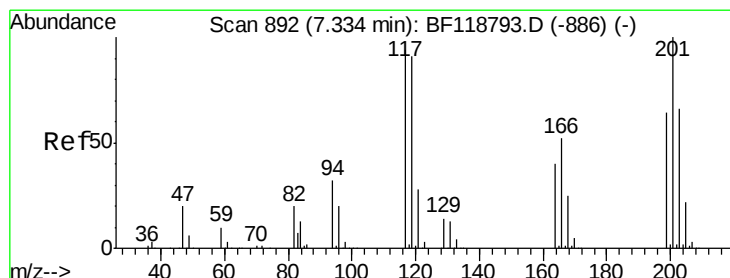
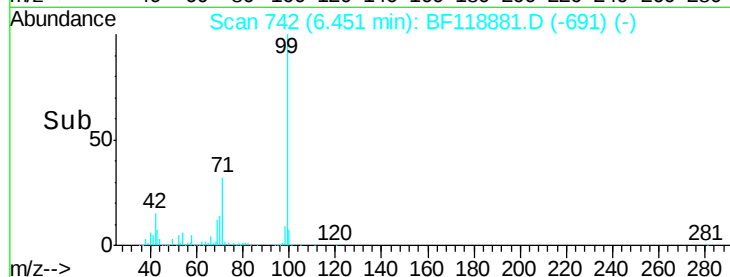
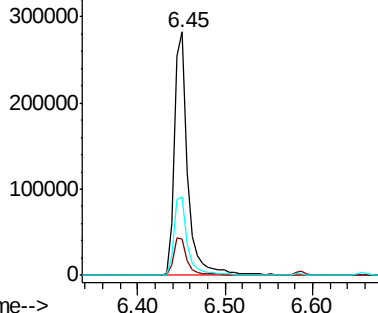
71 32.2 29.0 43.6



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



#18

Hexachloroethane

Concen: 3.004 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

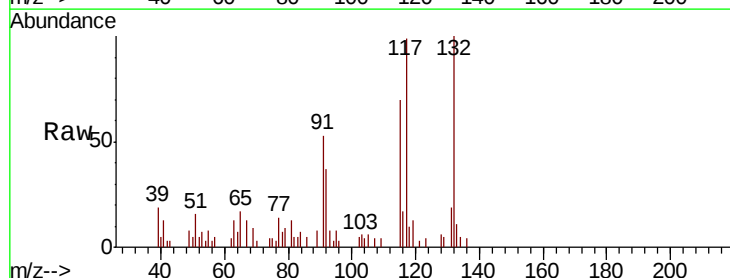
Tgt Ion: 117 Resp: 11772

Ion Ratio Lower Upper

117 100

119 12.7 77.4 116.0#

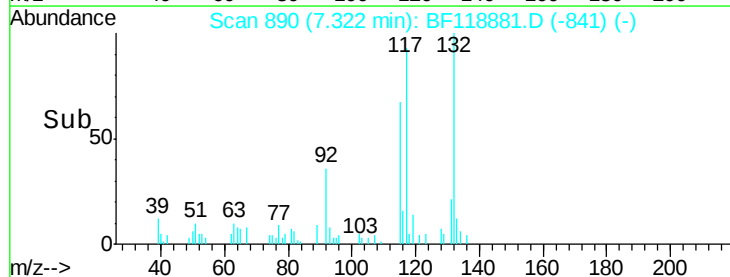
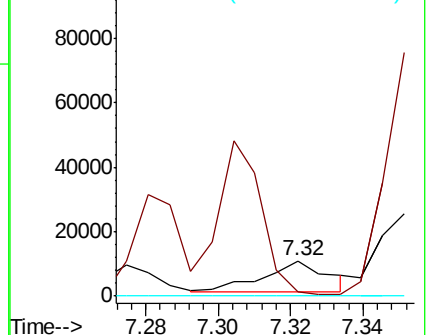
201 0.0 85.1 127.7#

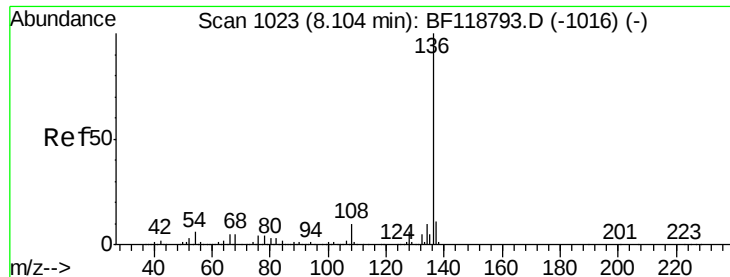


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

Tot Ion:136 Resp: 589989

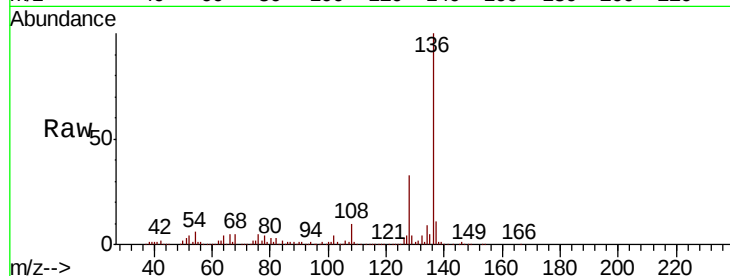
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.2 5.0 7.6

68 5.4 4.2 6.4

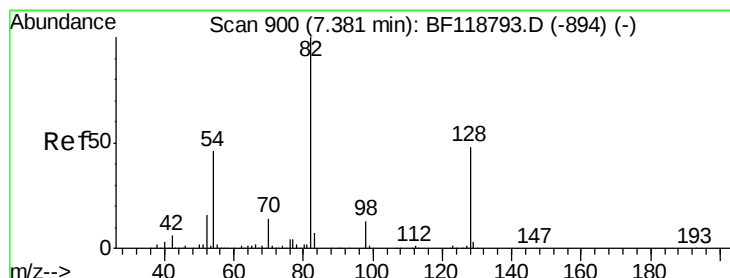
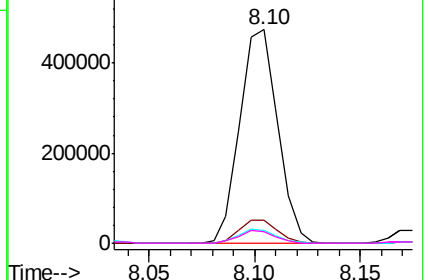
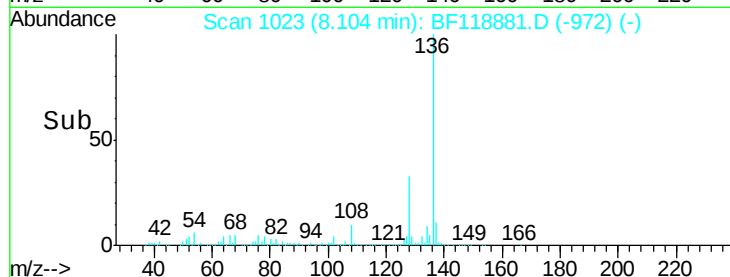


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.135 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

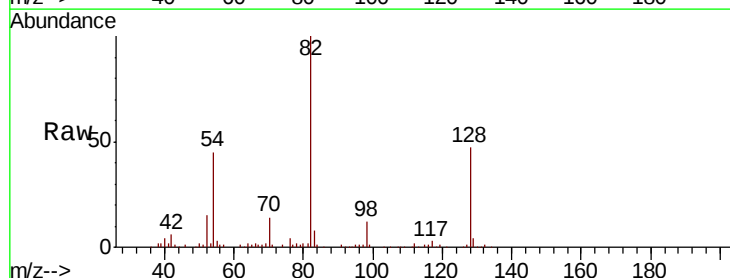
Tgt Ion: 82 Resp: 139909

Ion Ratio Lower Upper

82 100

128 46.6 38.5 57.7

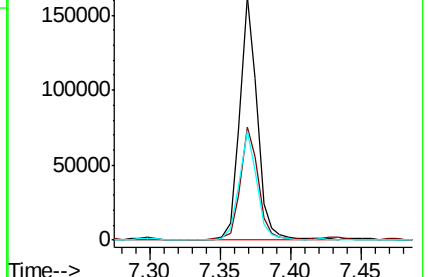
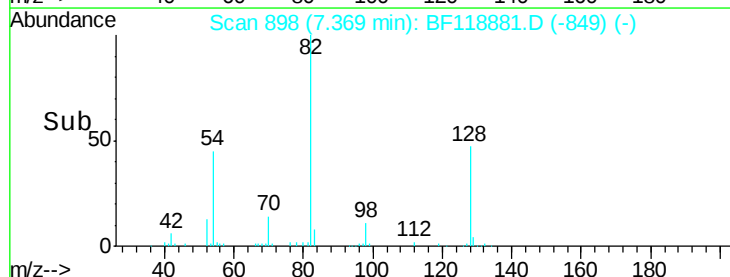
54 44.8 36.7 55.1

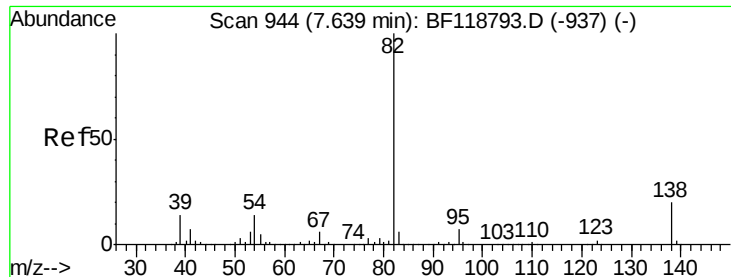


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.722 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

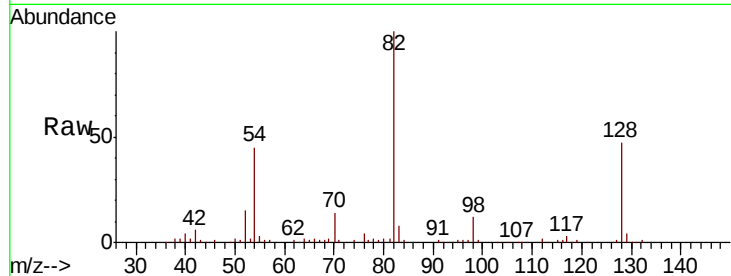
Tot Ion: 82 Resp: 137375

Ion Ratio Lower Upper

82 100

95 0.6 6.0 9.0#

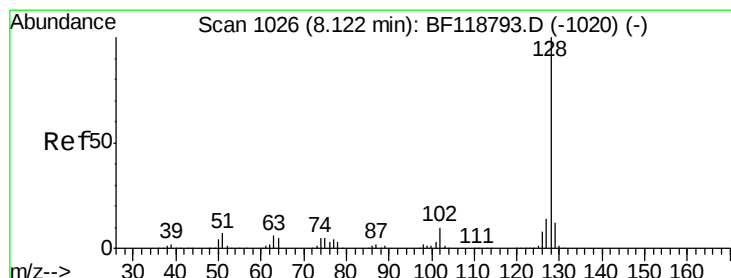
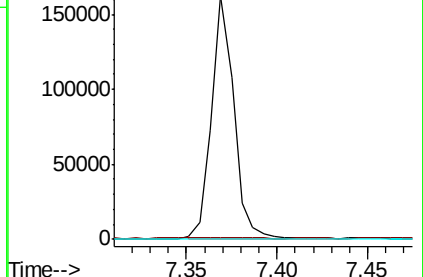
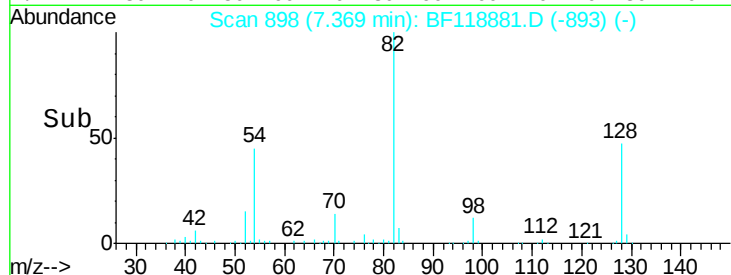
138 0.0 15.7 23.5#



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



#31

Naphthalene

Concen: 246.376 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

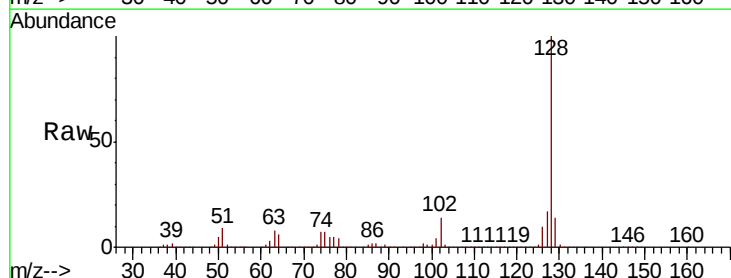
Tgt Ion:128 Resp: 6648119

Ion Ratio Lower Upper

128 100

129 14.0 9.4 14.2

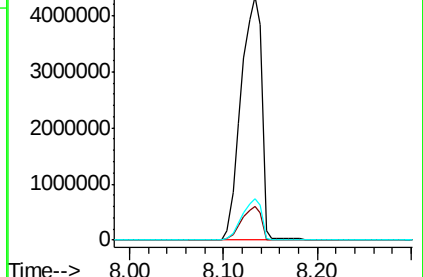
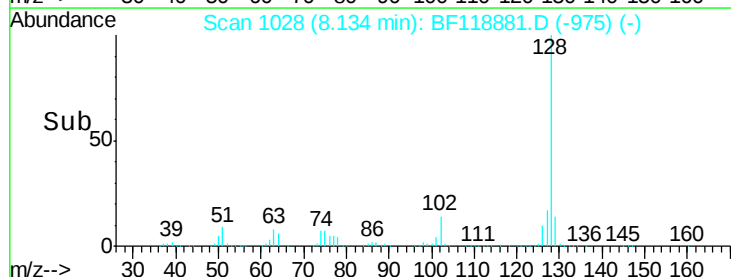
127 17.1 11.3 16.9#

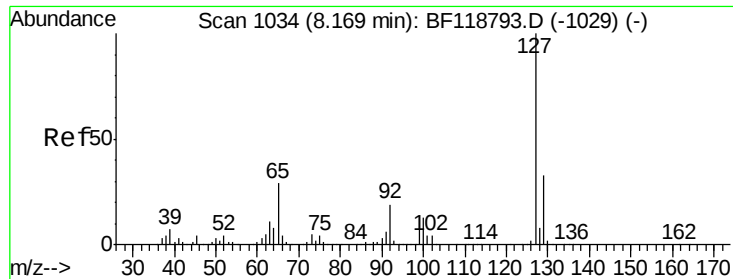


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

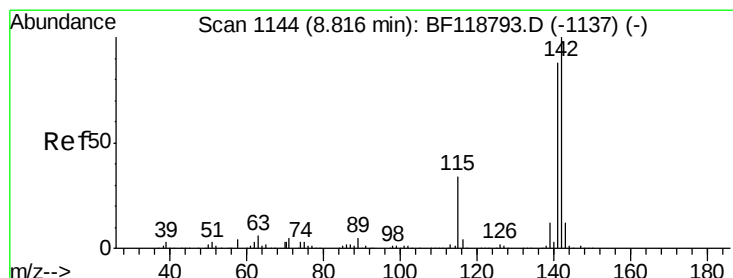
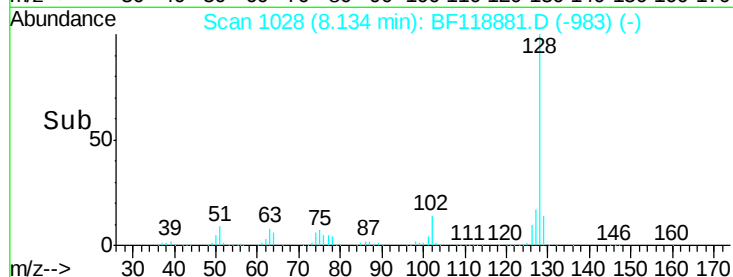
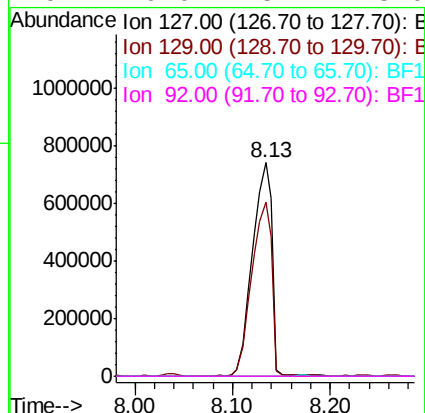
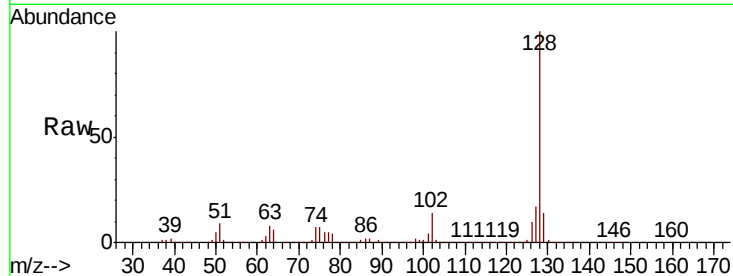




#33
4-Chloroaniline
Concen: 87.067 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

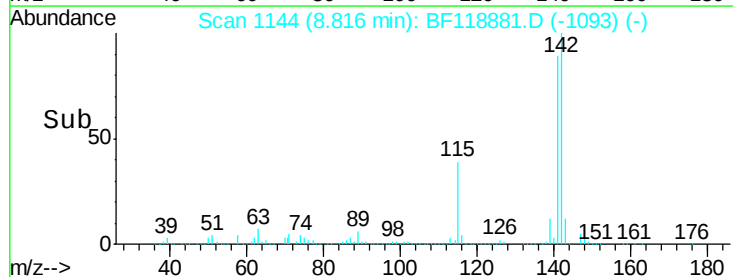
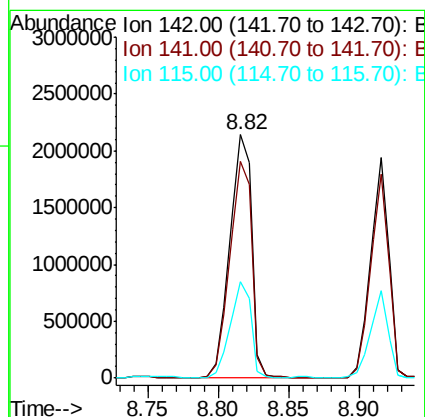
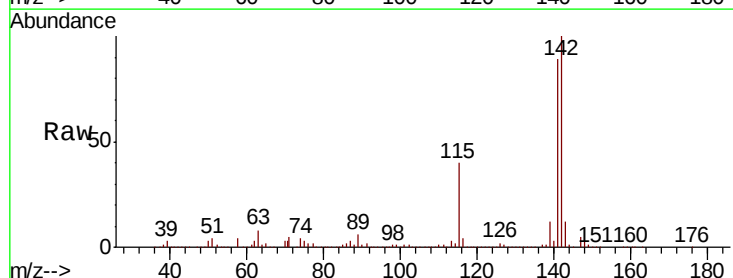
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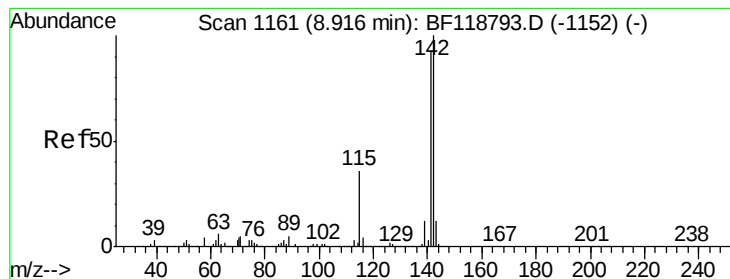
Tot Ion:127 Resp: 1051109
Ion Ratio Lower Upper
127 100
129 81.7 26.7 40.1#
65 0.0 22.9 34.3#
92 0.0 15.4 23.0#



#37
2-Methylnaphthalene
Concen: 123.647 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Tgt Ion:142 Resp: 2313991
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1
115 39.7 27.3 40.9





#38

1-Methylnaphthalene

Concen: 99.664 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

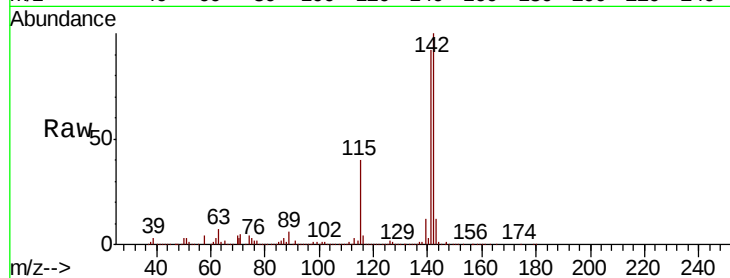
Tot Ion:142 Resp: 1754585

Ion Ratio Lower Upper

142 100

141 92.4 73.8 110.6

116 4.3 3.0 4.4

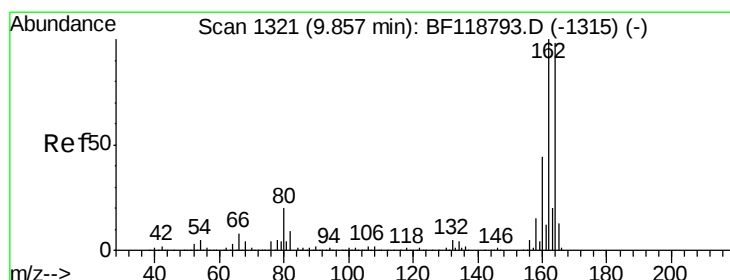
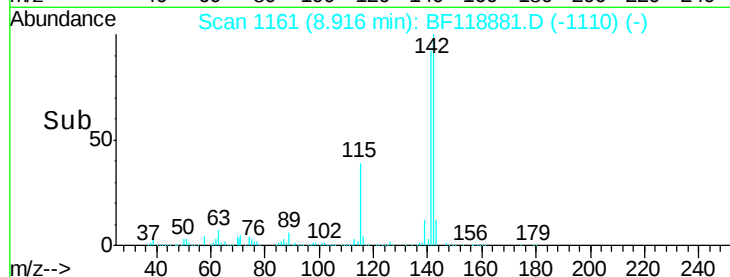
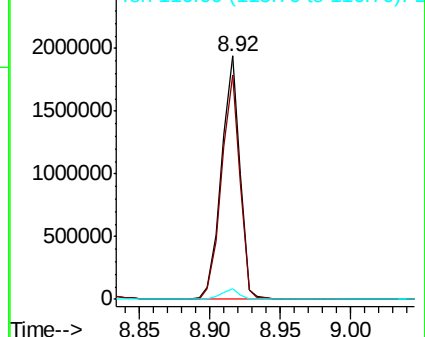


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

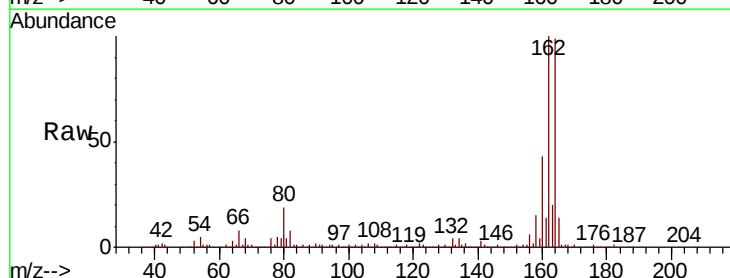
Tgt Ion:164 Resp: 353968

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.2

160 43.8 35.6 53.4

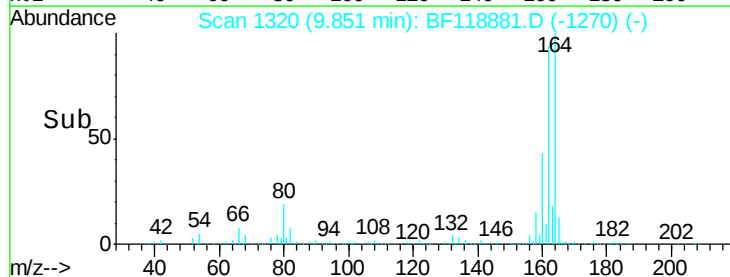
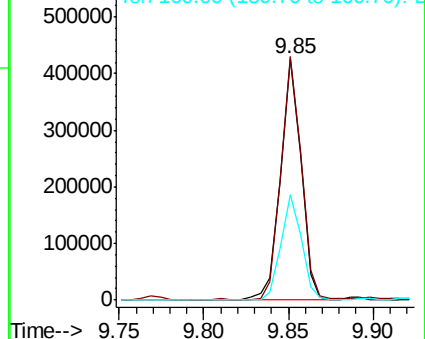


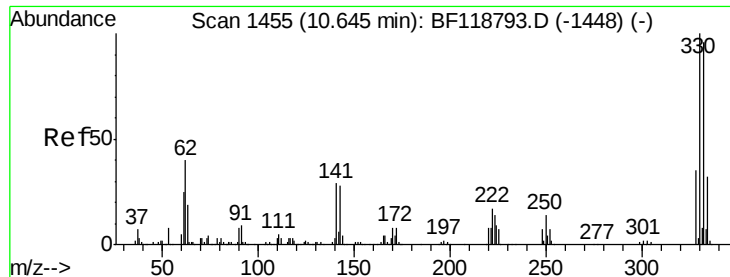
Abundance

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

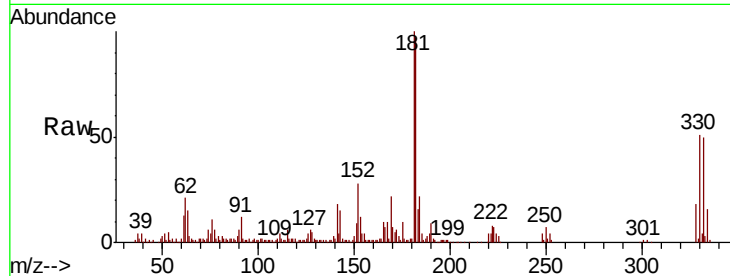




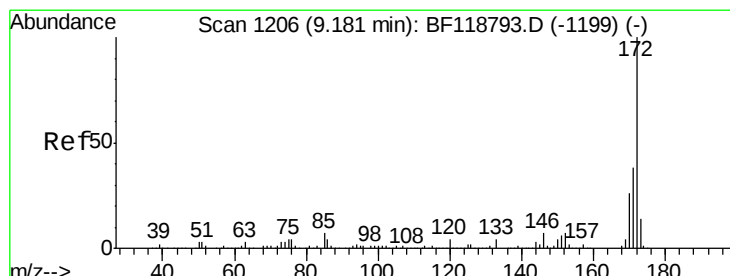
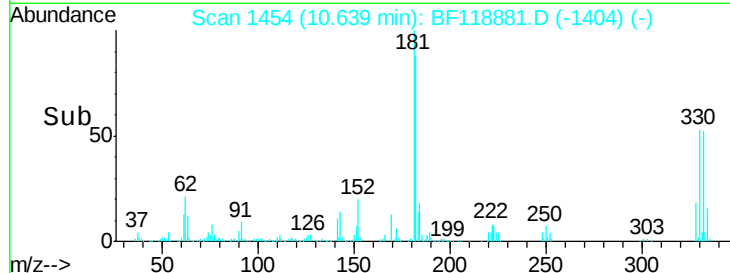
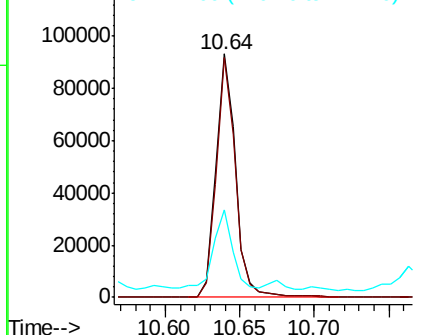
#42
 2,4,6-Tribromophenol
 Concen: 20.267 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	30.5	22.4	33.6

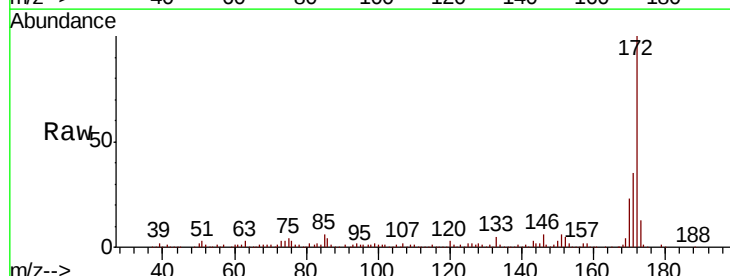


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

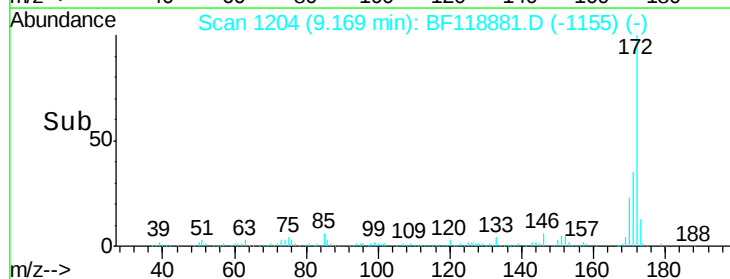
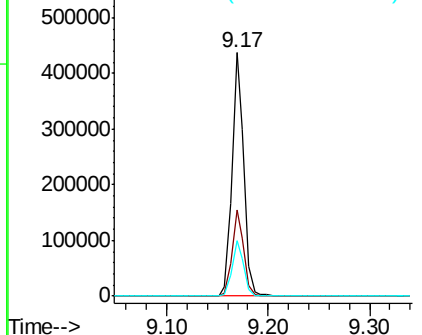


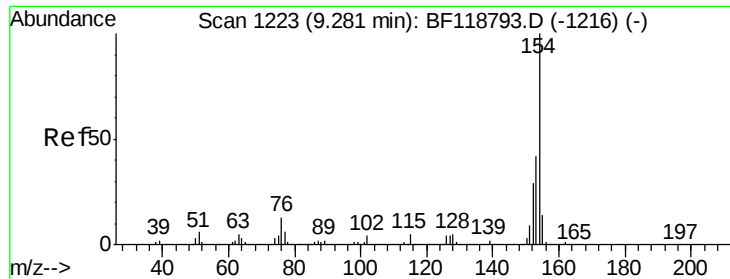
#45
 2-Fluorobiphenyl
 Concen: 17.826 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.8	46.2
170	22.7	20.5	30.7



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

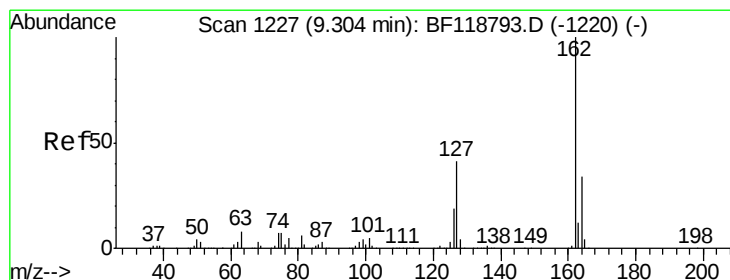
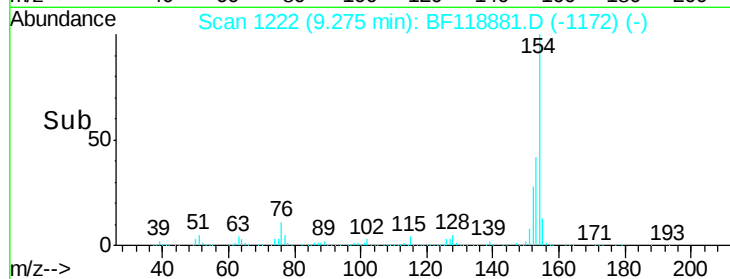
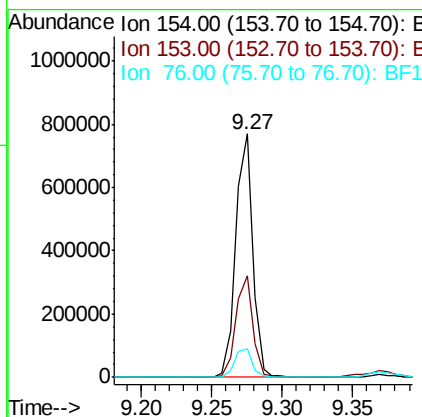
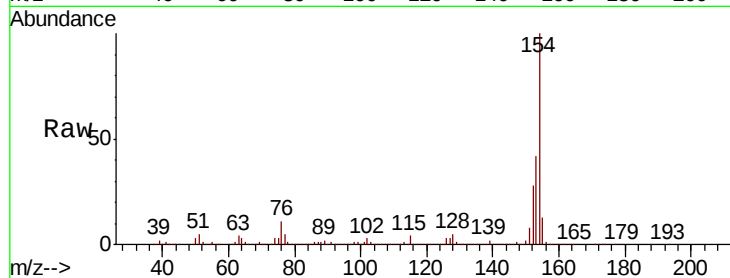




#46
 1,1'-Biphenyl
 Concen: 26.453 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

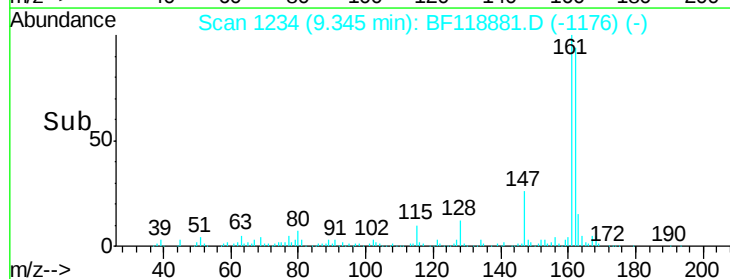
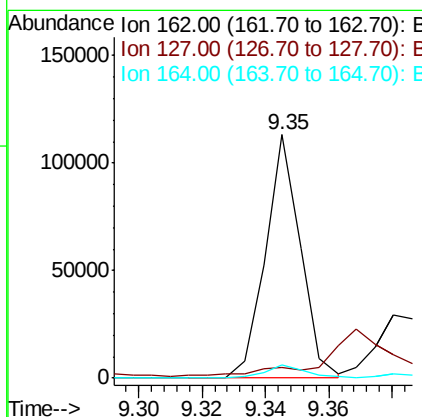
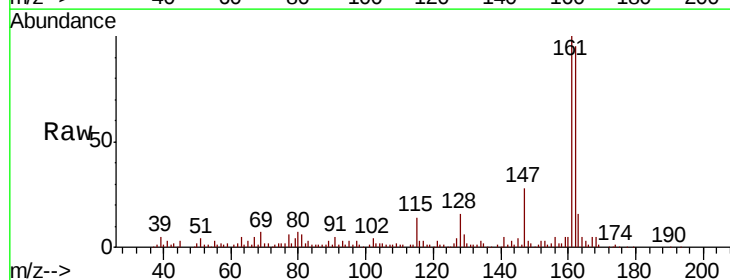
Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

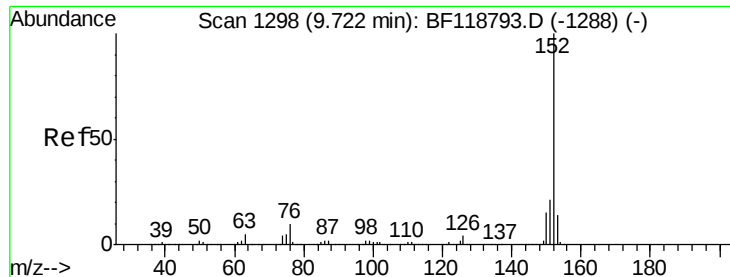
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	11.5	0.0	32.7



#47
 2-Chloronaphthalene
 Concen: 4.262 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.04 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	4.4	33.3	49.9#
164	5.4	27.1	40.7#





#49

Acenaphthylene

Concen: 27.602 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

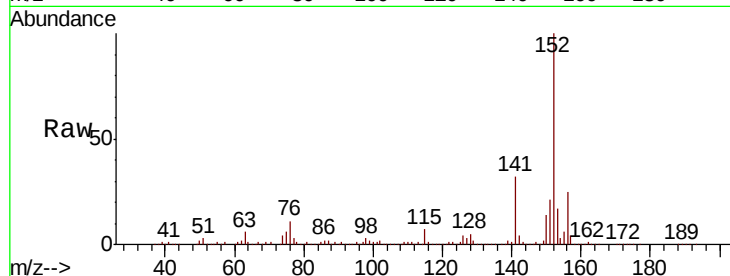
Tot Ion:152 Resp: 811246

Ion Ratio Lower Upper

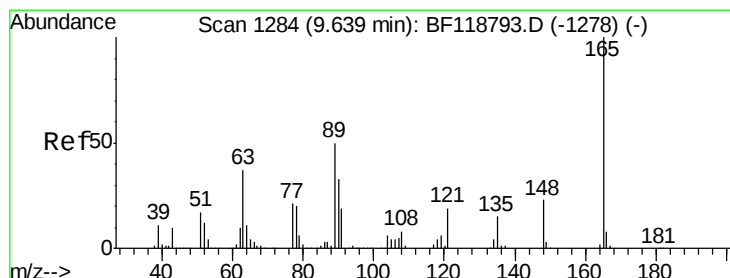
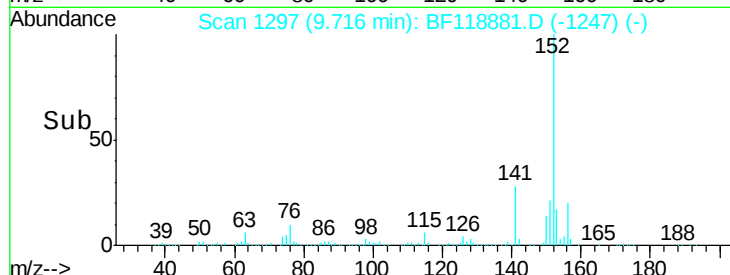
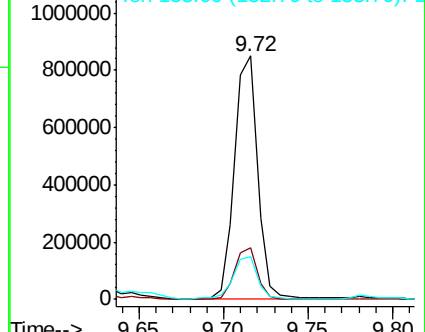
152 100

151 21.0 17.1 25.7

153 17.5 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#51

2,6-Dinitrotoluene

Concen: 2.226 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.09 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

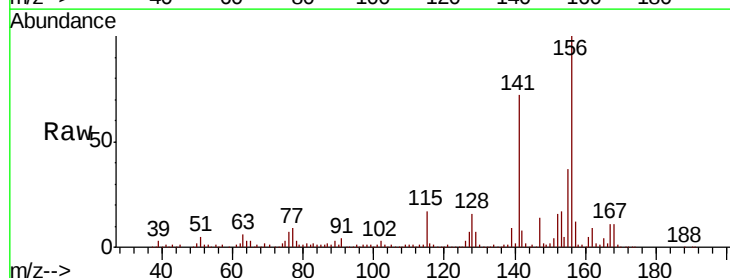
Tgt Ion:165 Resp: 12277

Ion Ratio Lower Upper

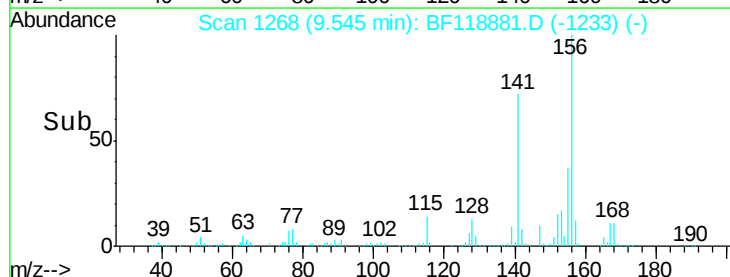
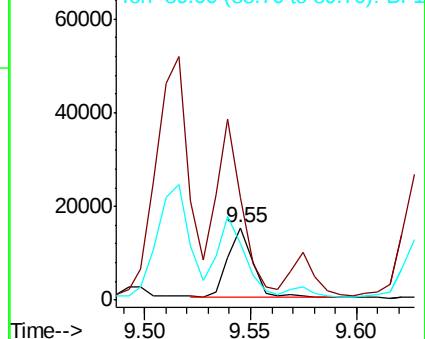
165 100

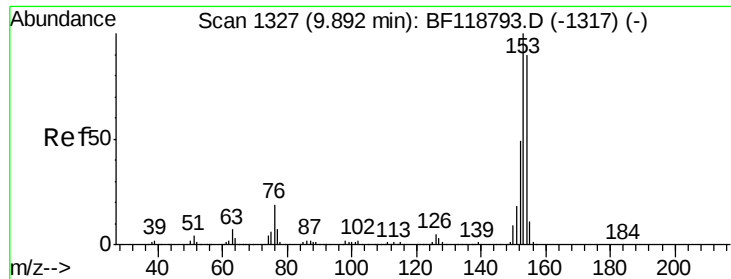
63 143.1 37.4 56.0#

89 78.9 39.7 59.5#



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





#52

Acenaphthene

Concen: 35.730 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

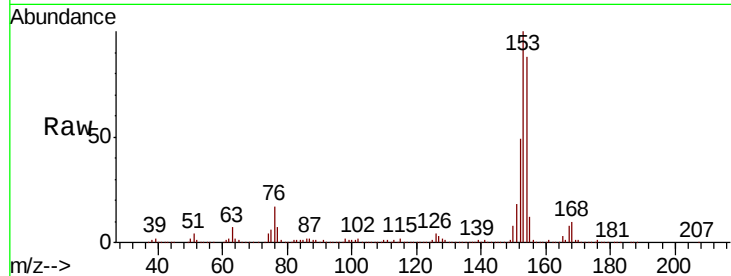
Tot Ion:154 Resp: 691997

Ion Ratio Lower Upper

154 100

153 114.1 89.4 134.0

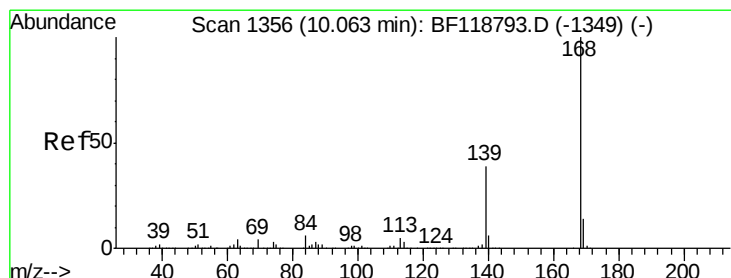
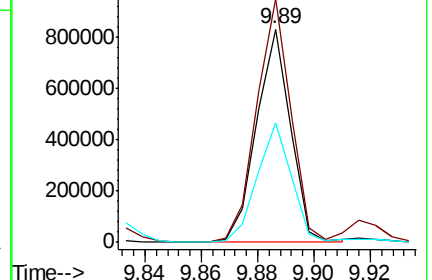
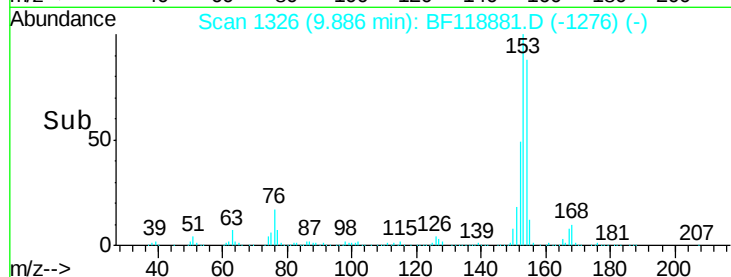
152 56.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 27.106 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

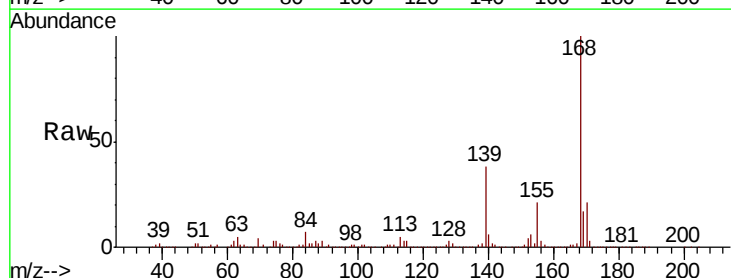
Tgt Ion:168 Resp: 758671

Ion Ratio Lower Upper

168 100

139 38.4 31.6 47.4

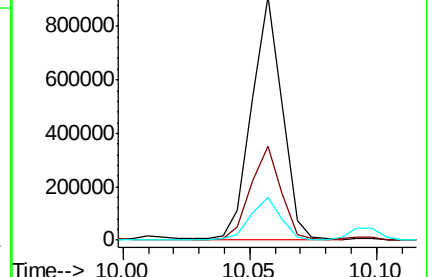
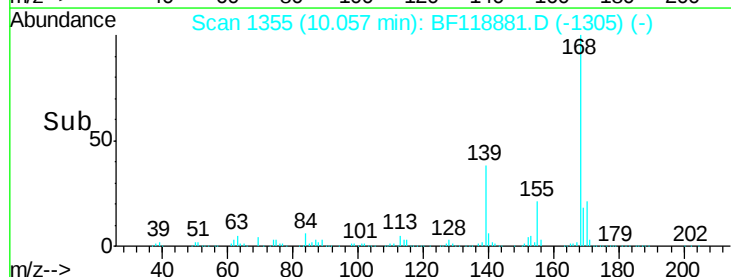
169 17.5 11.4 17.2#

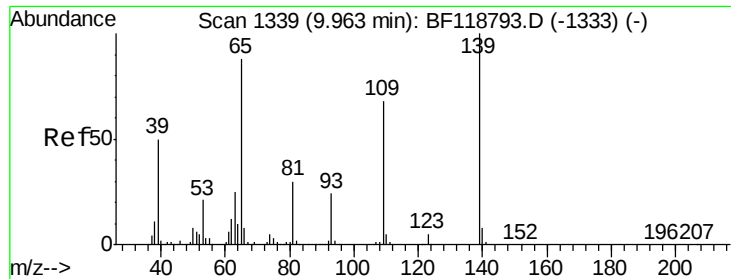


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

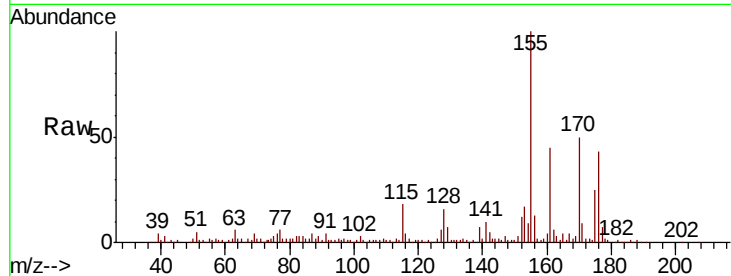




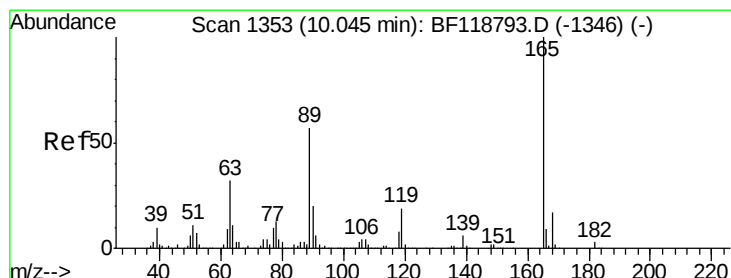
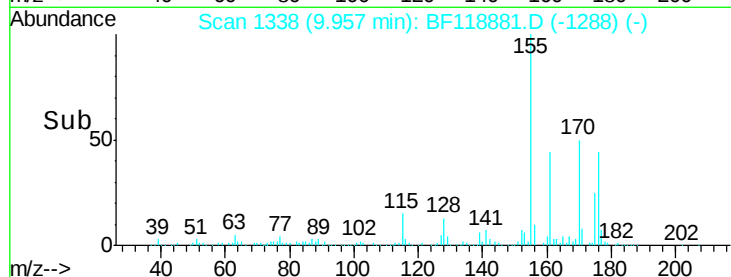
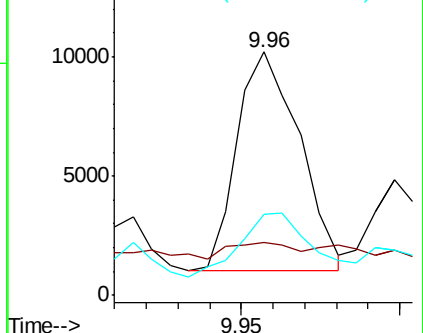
#56
4-Nitrophenol
Concen: 2.822 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Instrument :
BNA_F
ClientSampleId :
TP10-EP1-2.5

Tot Ion:139 Resp: 12491
Ion Ratio Lower Upper
139 100
109 21.6 48.0 88.0#
65 33.0 68.3 108.3#

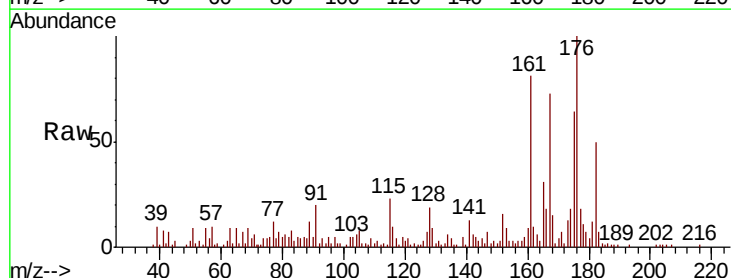


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

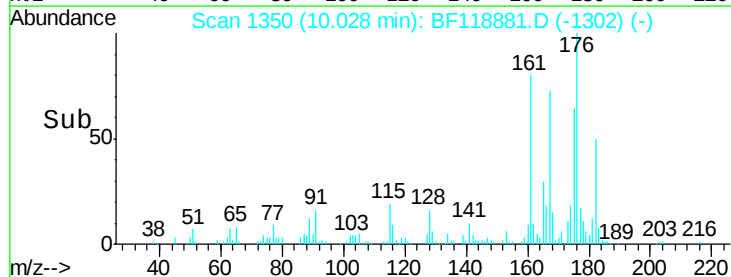
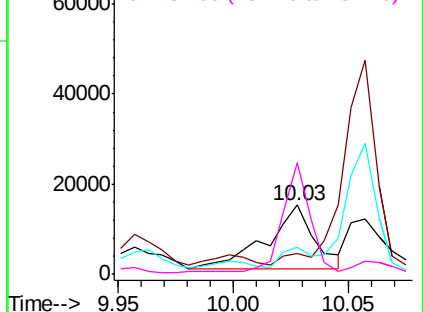


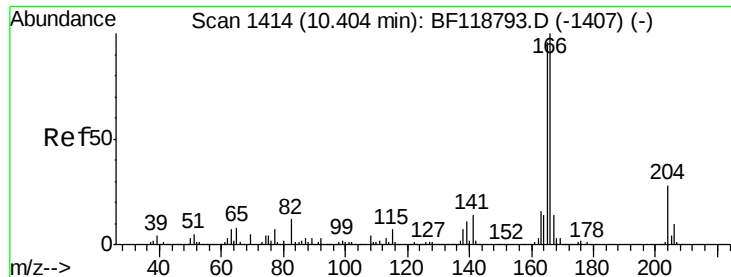
#57
2,4-Dinitrotoluene
Concen: 2.740 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Tgt Ion:165 Resp: 19994
Ion Ratio Lower Upper
165 100
63 28.9 25.5 38.3
89 39.4 45.4 68.0#
182 160.7 2.4 3.6#



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





#58

Fluorene

Concen: 70.722 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

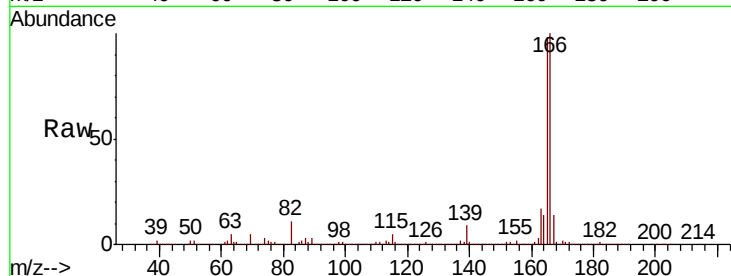
Tot Ion:166 Resp: 1489176

Ion Ratio Lower Upper

166 100

165 98.3 77.0 115.6

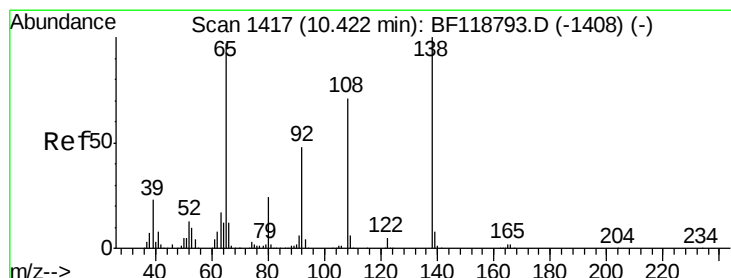
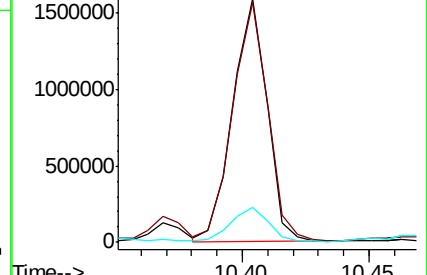
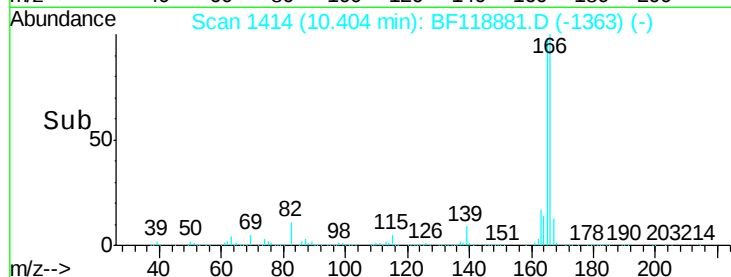
167 14.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

4-Nitroaniline

Concen: 2.864 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

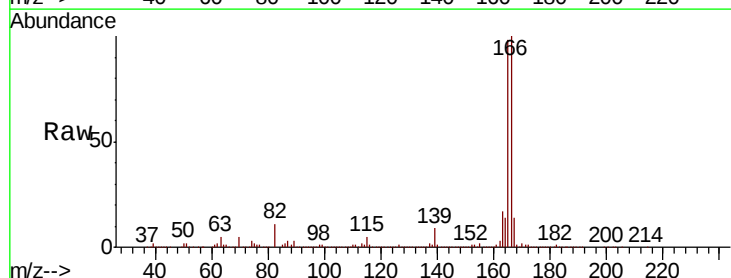
Tgt Ion:138 Resp: 17543

Ion Ratio Lower Upper

138 100

92 4.1 27.6 67.6#

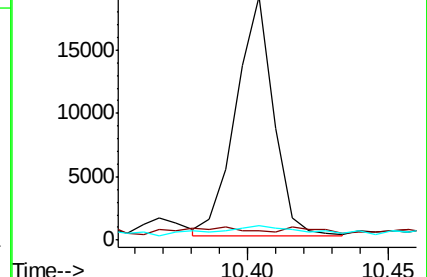
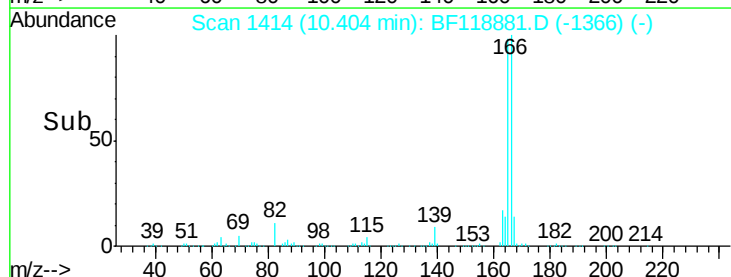
108 5.9 51.3 91.3#

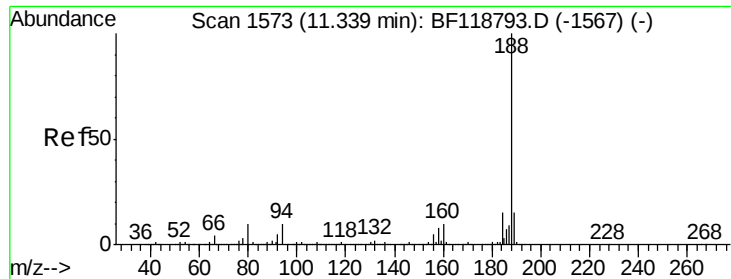


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

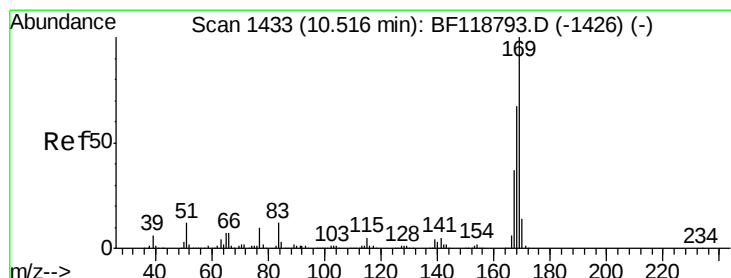
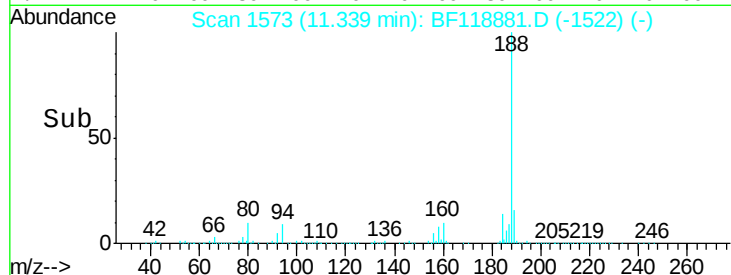
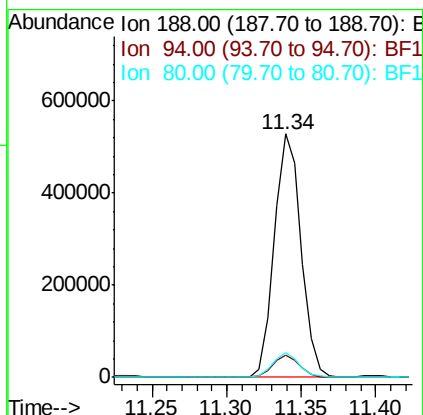
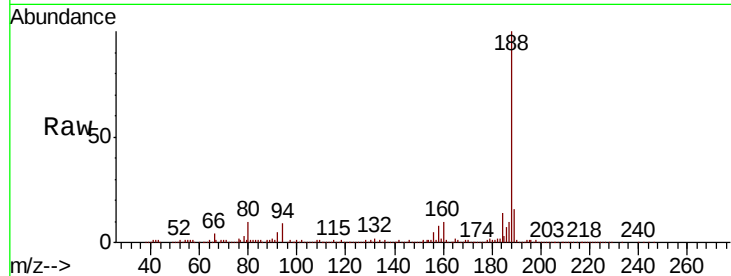




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

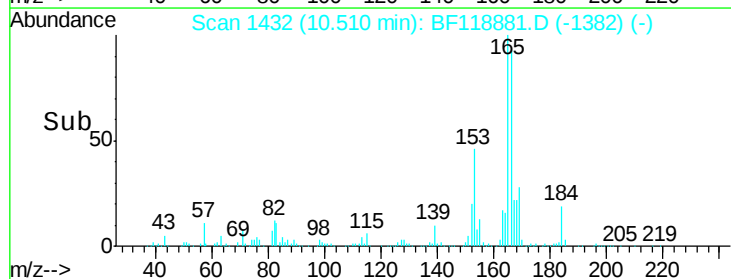
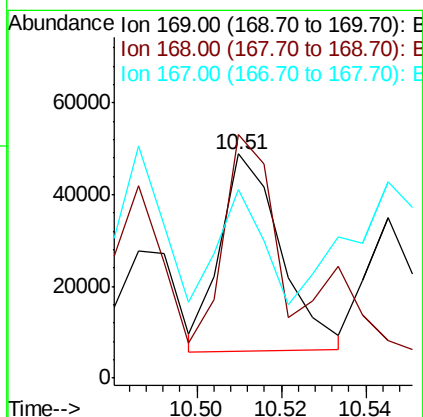
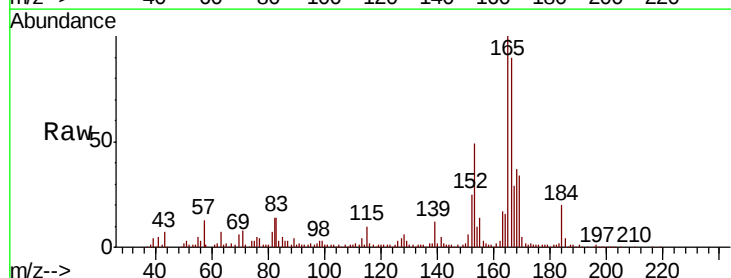
Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

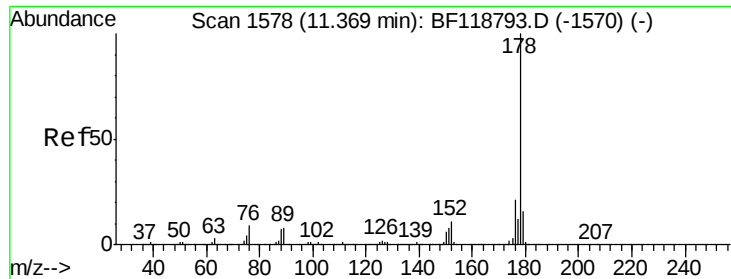
Tot Ion:188	Resp:	656239
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.9 11.9
80	9.9	8.4 12.6



#66
 n-Nitrosodiphenylamine
 Concen: 2.255 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Tgt Ion:169	Resp:	42868
Ion Ratio	Lower	Upper
169	100	
168	108.6	53.5 80.3#
167	84.2	29.3 43.9#

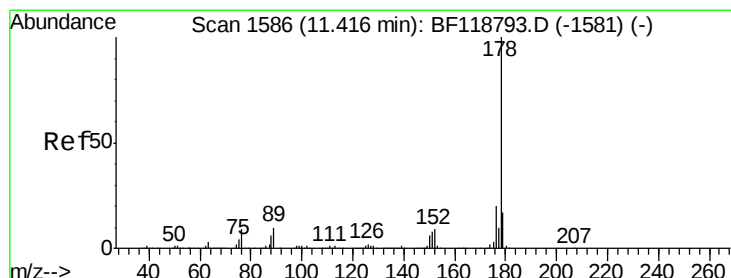
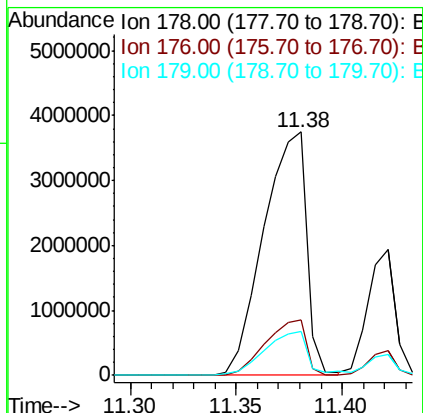
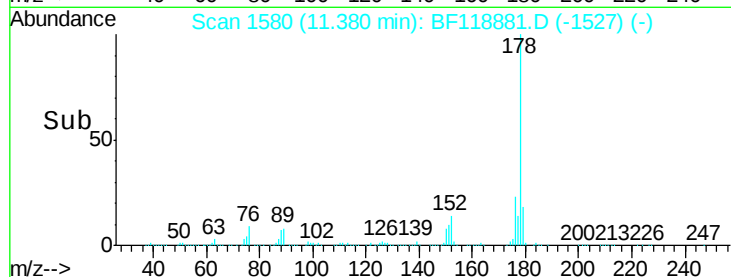
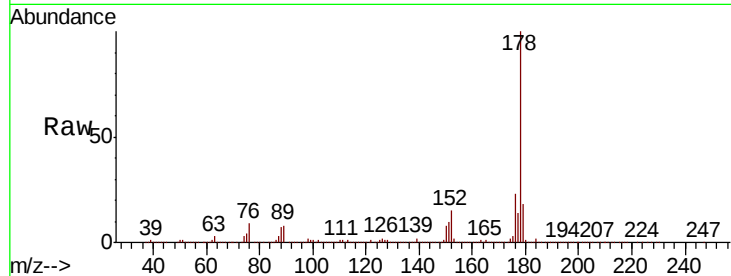




#71
Phenanthrene
Concen: 163.911 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

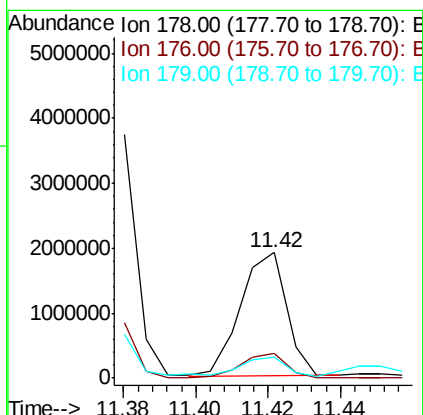
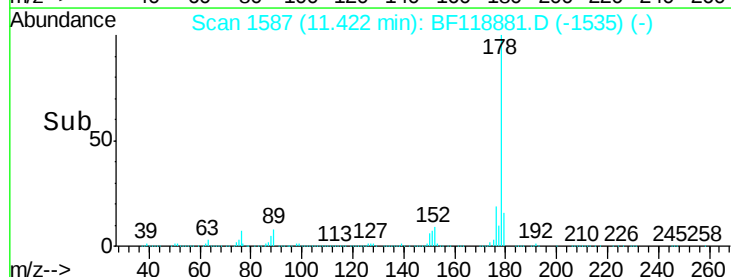
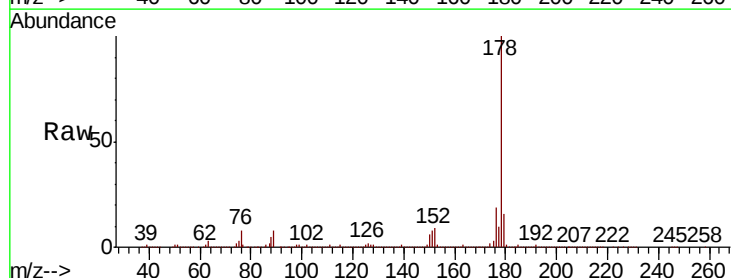
Instrument :
BNA_F
ClientSampleId :
TP10-EP1-2.5

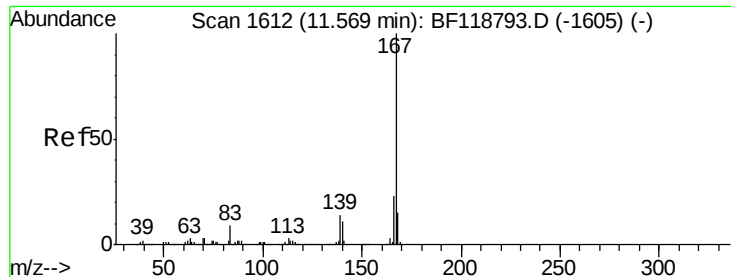
Tot Ion:178 Resp: 5292357
Ion Ratio Lower Upper
178 100
176 22.9 16.6 24.8
179 18.0 13.2 19.8



#72
Anthracene
Concen: 52.175 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Tgt Ion:178 Resp: 1675900
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 16.3 13.4 20.2

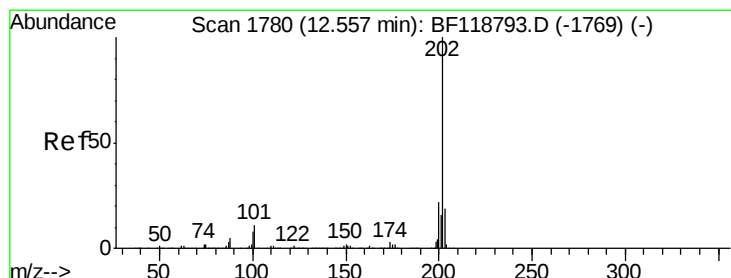
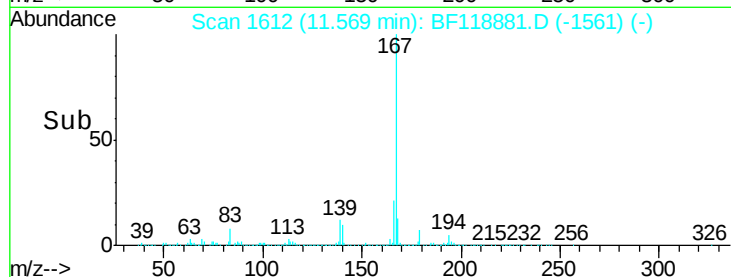
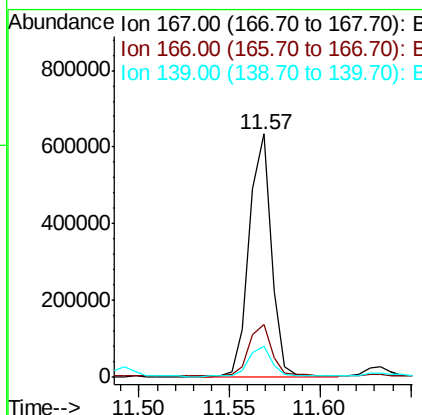
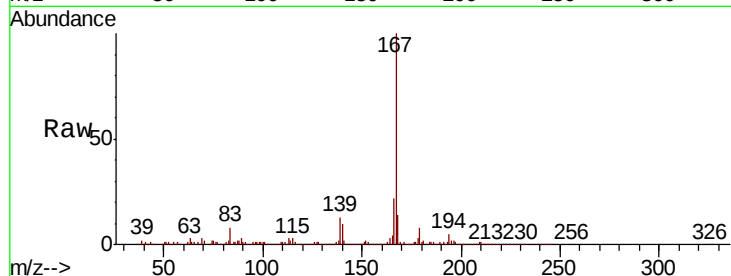




#73
 Carbazole
 Concen: 19.041 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

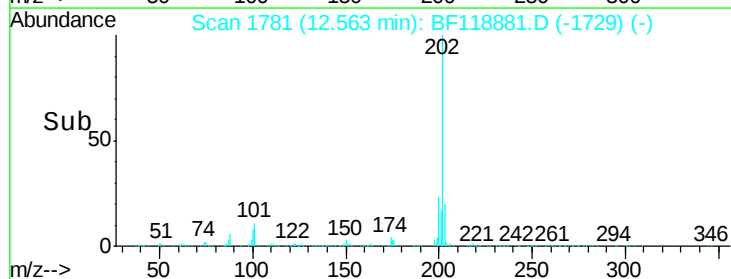
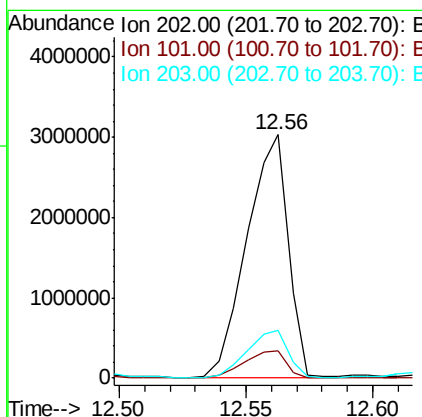
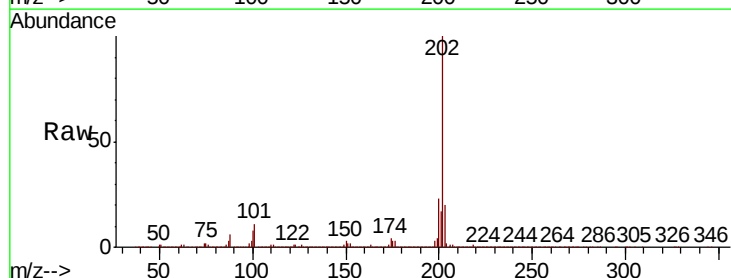
Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

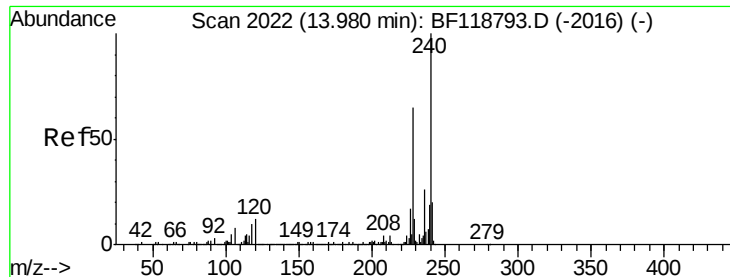
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.4	27.6
139	12.7	11.1	16.7



#75
 Fluoranthene
 Concen: 97.716 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	19.7	0.0	38.7

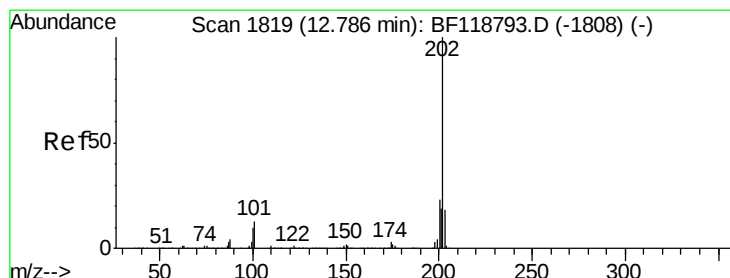
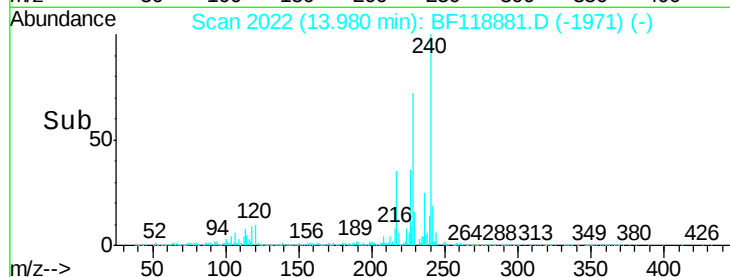
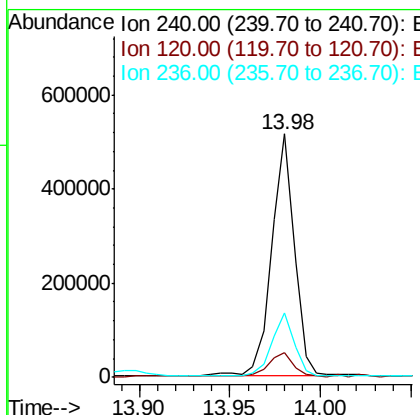
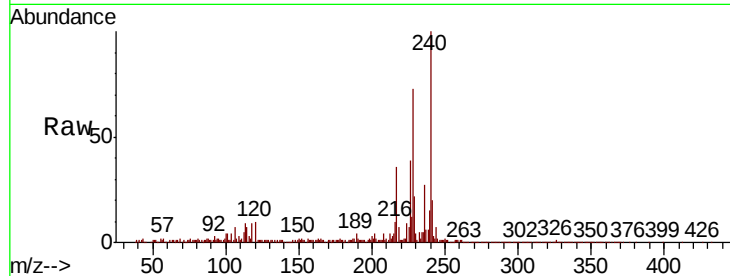




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

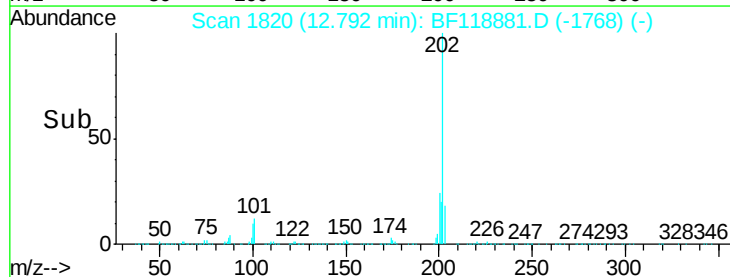
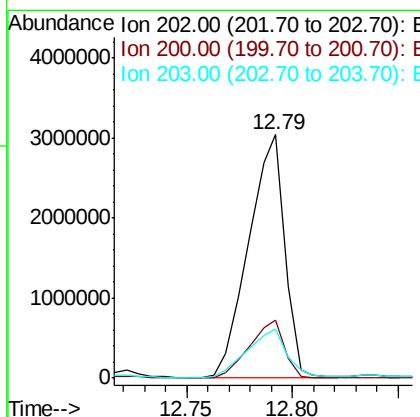
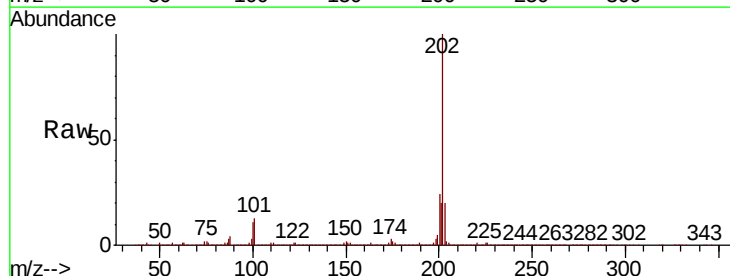
Instrument :
BNA_F
ClientSampleId :
TP10-EP1-2.5

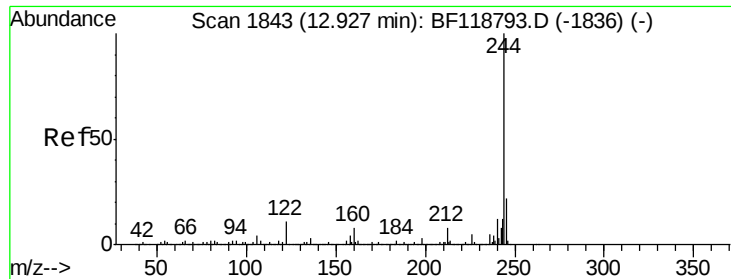
Tot Ion:240 Resp: 450088
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.0
236 26.6 21.0 31.6



#78
Pyrene
Concen: 116.260 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Tgt Ion:202 Resp: 3589783
Ion Ratio Lower Upper
202 100
200 23.7 18.2 27.2
203 20.0 14.8 22.2

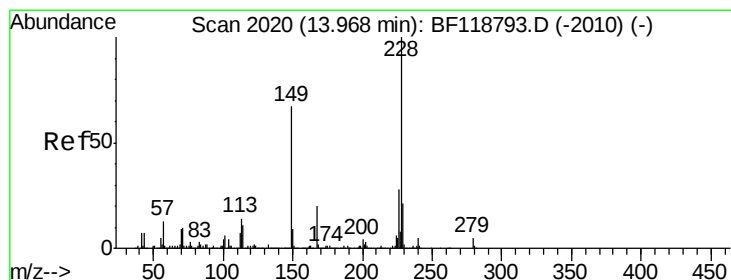
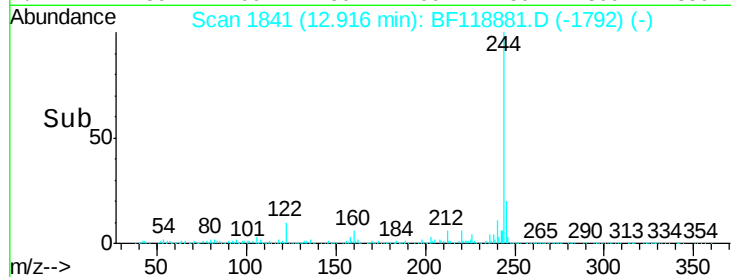
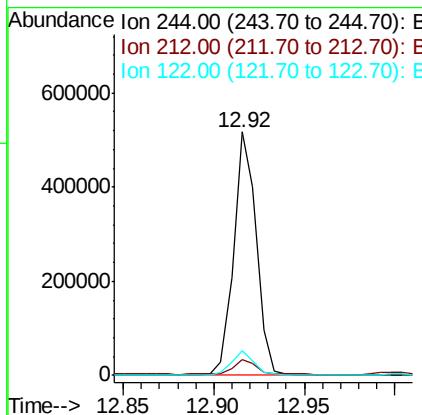
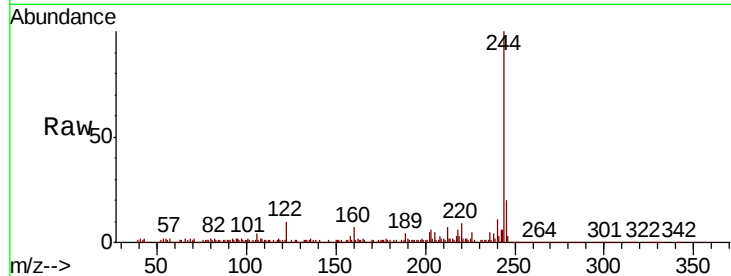




#79
 Terphenyl-d14
 Concen: 20.260 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

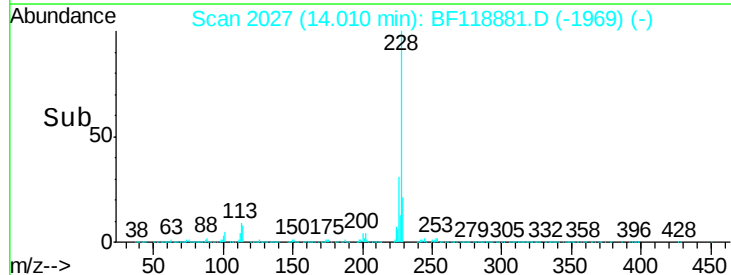
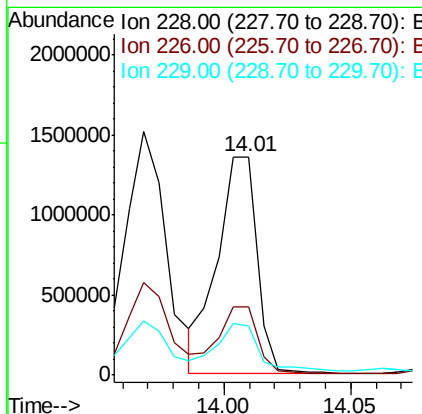
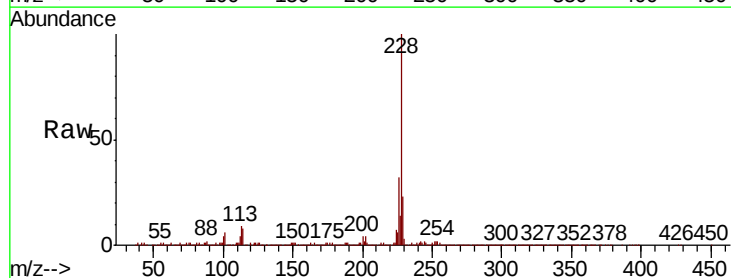
Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP1-2.5

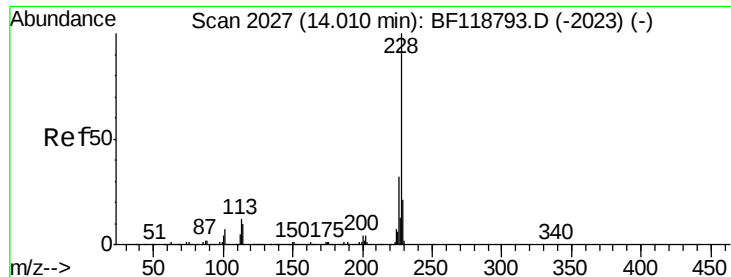
Tot Ion:244 Resp: 443940
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 10.2 8.9 13.3



#81
 Benzo(a)anthracene
 Concen: 55.102 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.04 min
 Lab File: BF118881.D
 Acq: 10 Feb 2020 21:14

Tgt Ion:228 Resp: 1475795
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.7 34.1
 229 22.5 16.6 25.0





#83

Chrysene

Concen: 54.901 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

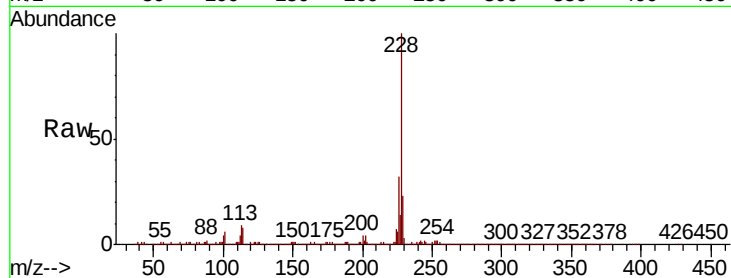
Tot Ion:228 Resp: 1475795

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

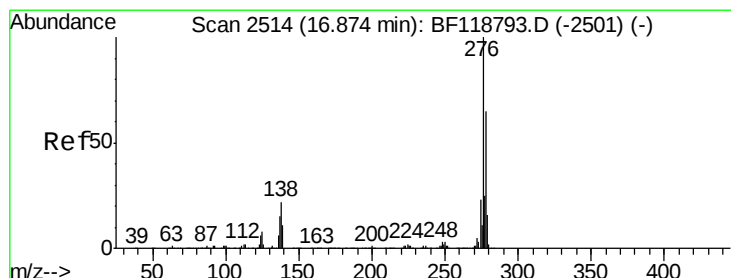
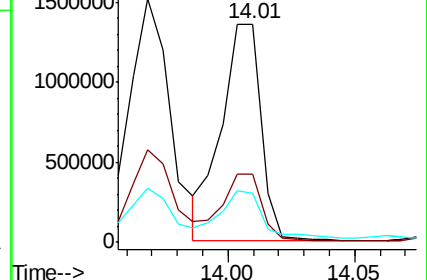
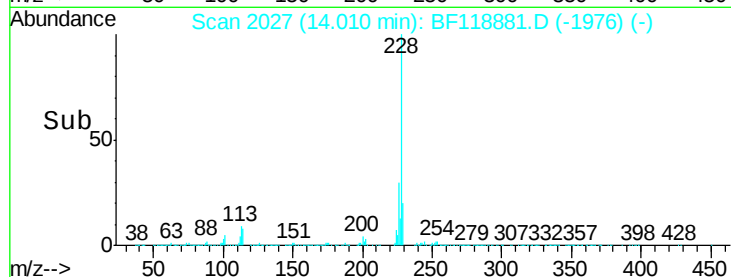
229 22.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.958 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

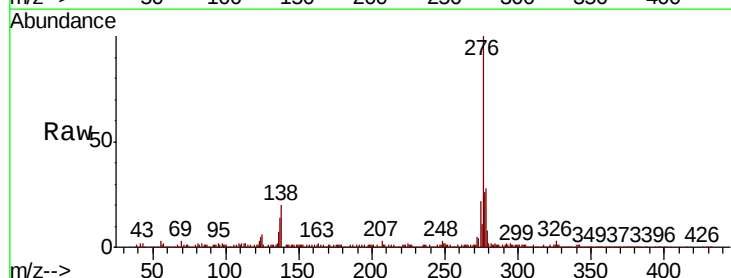
Tgt Ion:276 Resp: 593029

Ion Ratio Lower Upper

276 100

138 19.1 18.3 27.5

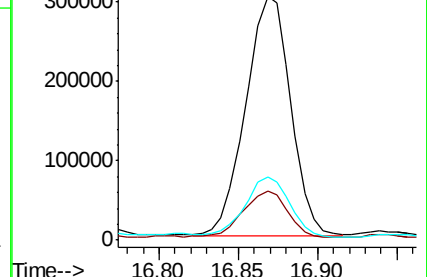
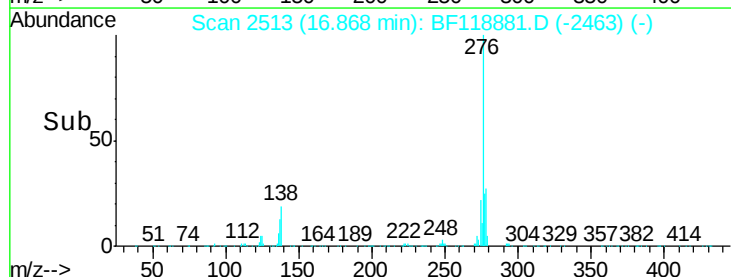
277 25.0 20.2 30.4

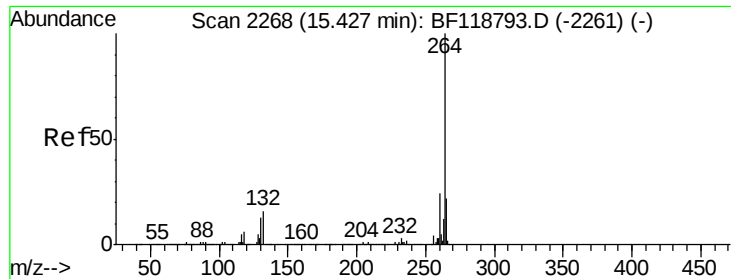


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



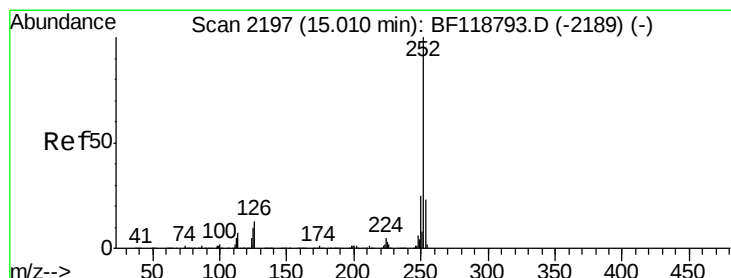
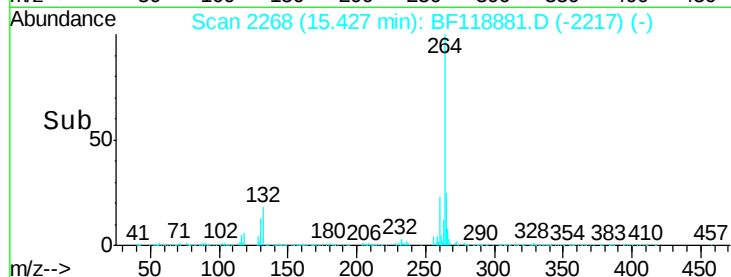
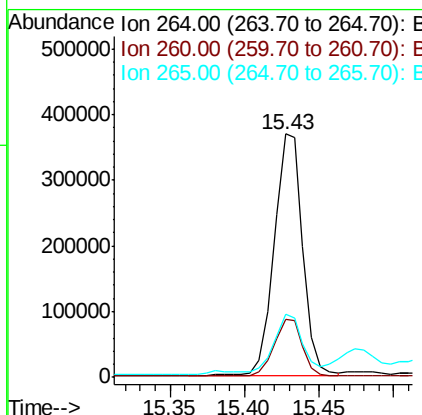
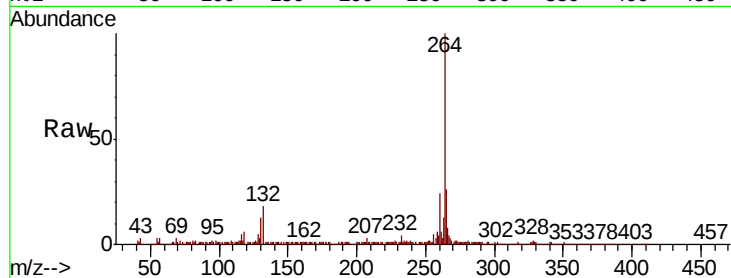


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Instrument :
BNA_F
ClientSampleId :
TP10-EP1-2.5

Tot Ion:264 Resp: 493934

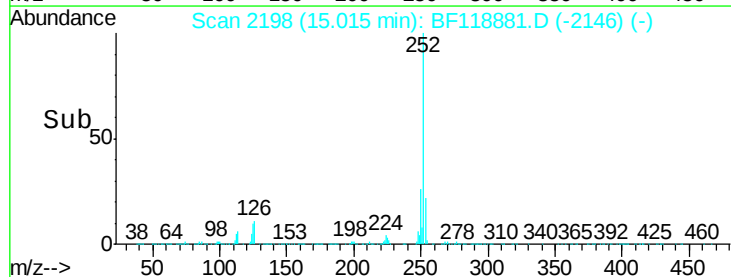
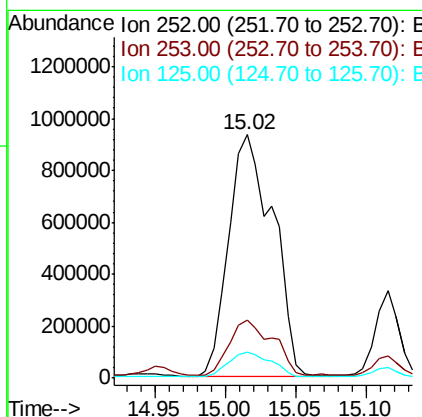
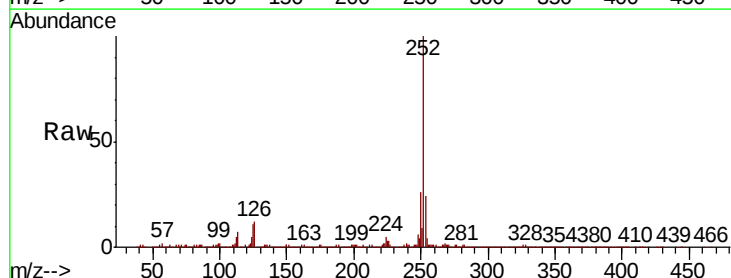
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	25.7	17.2	25.8

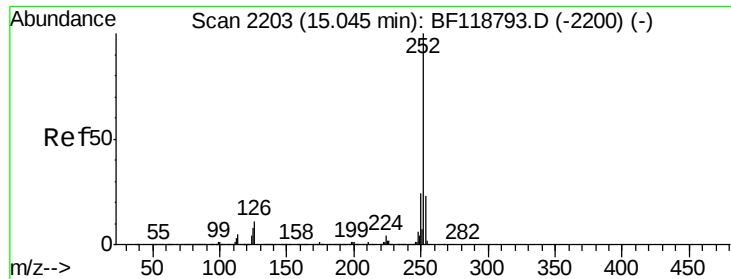


#88
Benzo(b)fluoranthene
Concen: 66.788 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Tgt Ion:252 Resp: 2047023

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	10.8	8.1	12.1

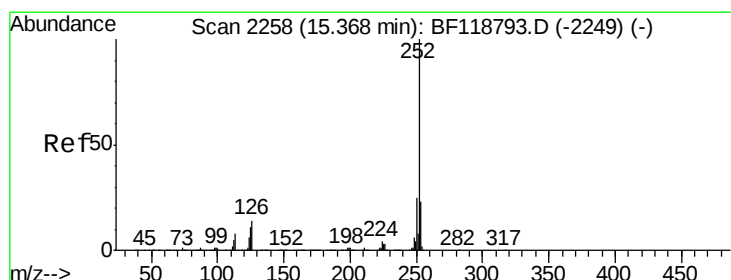
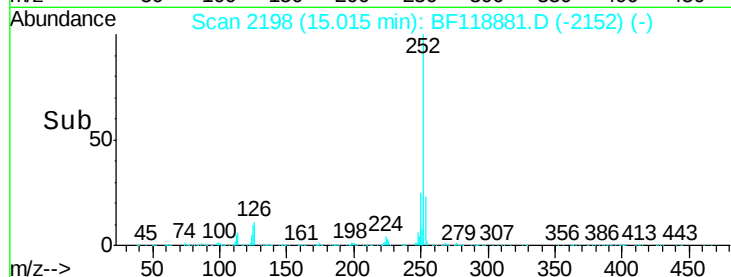
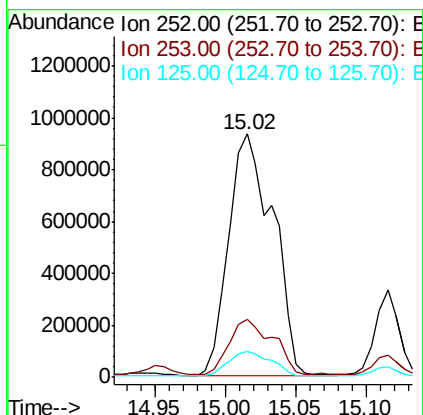
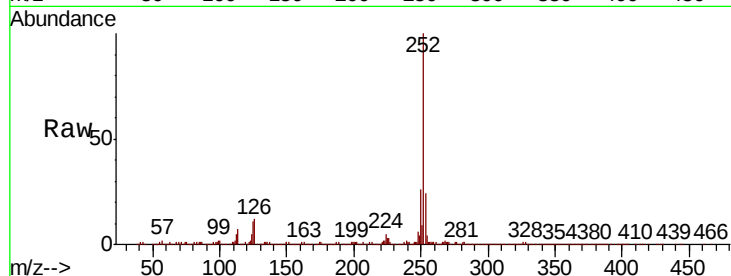




#89
Benzo(k)fluoranthene
Concen: 76.697 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

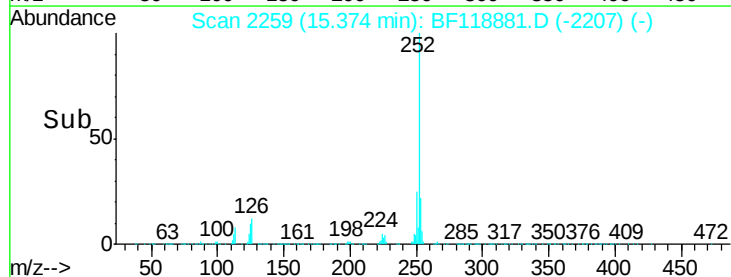
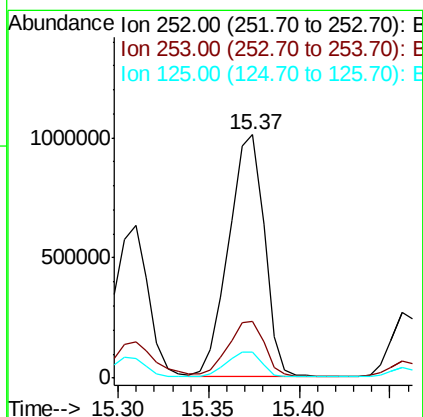
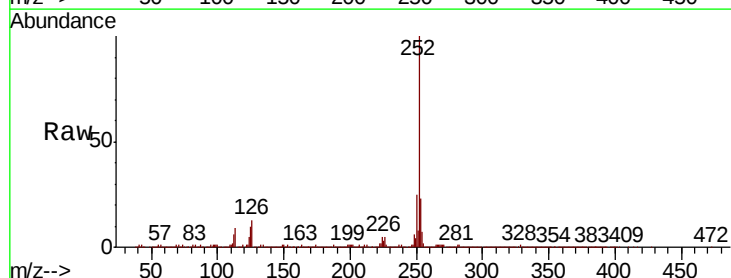
Instrument :
BNA_F
ClientSampleId :
TP10-EP1-2.5

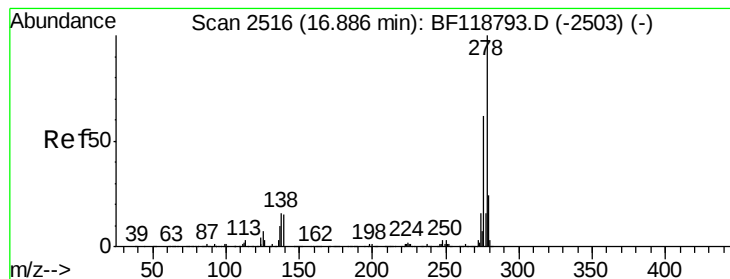
Tot Ion:252 Resp: 2047023
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 10.8 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 52.575 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118881.D
Acq: 10 Feb 2020 21:14

Tgt Ion:252 Resp: 1379050
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 7.519 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

Instrument :

BNA_F

ClientSampleId :

TP10-EP1-2.5

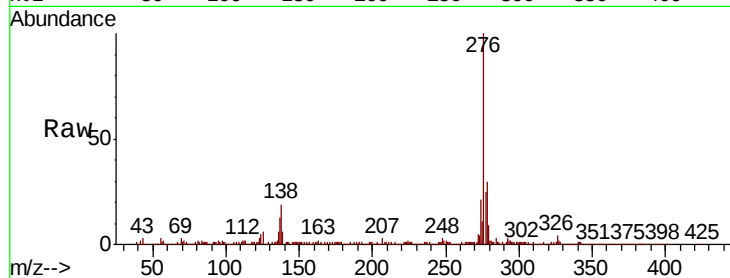
Tot Ion:278 Resp: 175075

Ion Ratio Lower Upper

278 100

139 19.1 12.3 18.5#

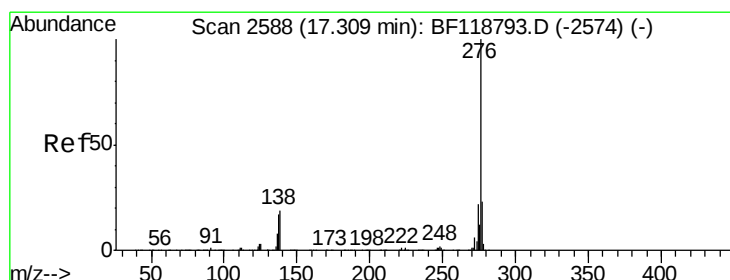
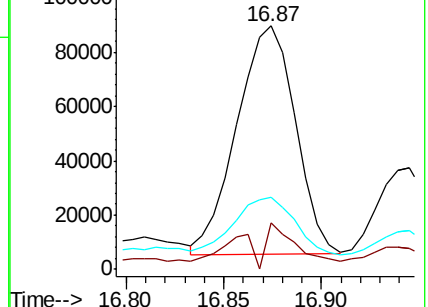
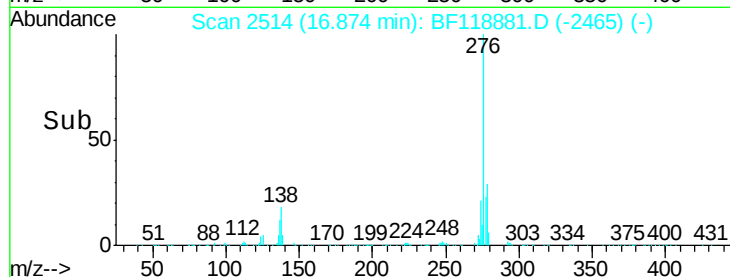
279 29.4 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 25.582 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.00 min

Lab File: BF118881.D

Acq: 10 Feb 2020 21:14

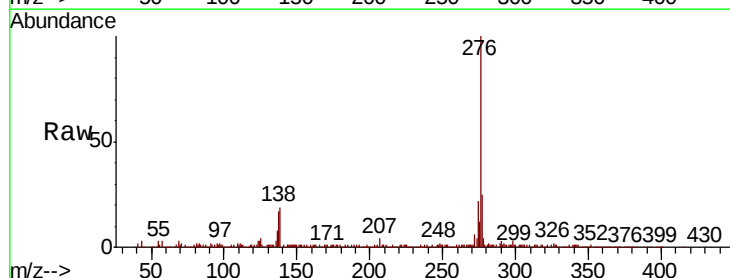
Tgt Ion:276 Resp: 572883

Ion Ratio Lower Upper

276 100

277 24.7 18.7 28.1

138 18.9 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

