

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118904.D
 Acq On : 12 Feb 2020 00:52
 Operator : CG/JU
 Sample : L1468-04DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP2-3DL

Quant Time: Feb 12 06:53:36 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	6.80	152	172059	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	684851	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	502295	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1041478	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	746753	20.00	ng	0.00
87) Perylene-d12	15.43	264	786555	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	214691	23.62	ng	-0.01
7) Phenol-d6	6.44	99	227033	20.12	ng	-0.01
23) Nitrobenzene-d5	7.36	82	144478	12.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	105326	17.52	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	386348	13.75	ng	-0.02
79) Terphenyl-d14	12.91	244	548345	15.08	ng	-0.02

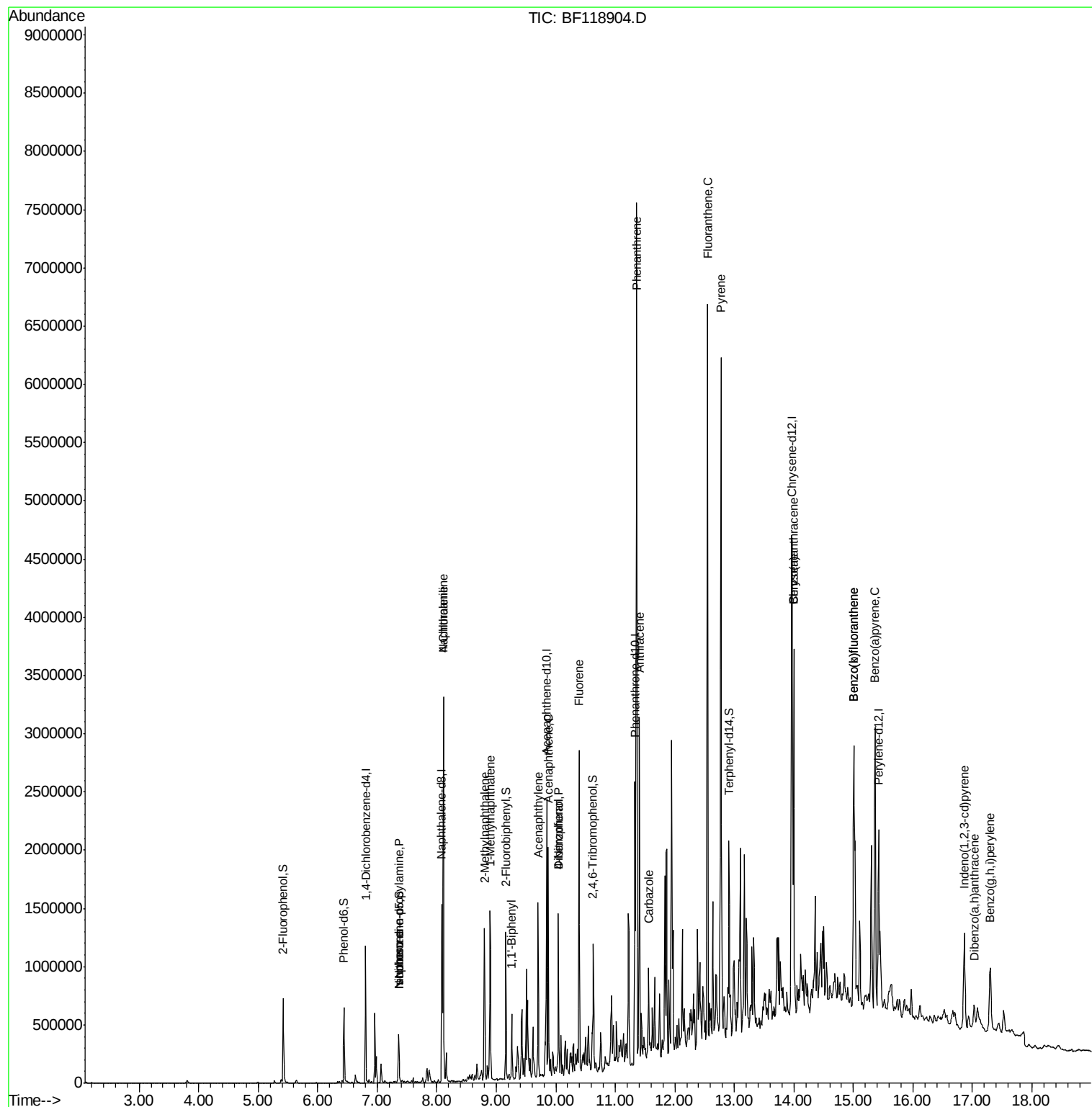
Target Compounds				Qvalue		
9) Benzaldehyde	6.36	77	770	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	19294	2.795 ng	#	73
25) Isophorone	7.36	82	144477	6.997 ng	#	63
31) Naphthalene	8.11	128	1417470	45.254 ng		99
33) 4-Chloroaniline	8.11	127	190386	13.586 ng	#	33
37) 2-Methylnaphthalene	8.80	142	363776	16.746 ng		98
38) 1-Methylnaphthalene	8.90	142	375782	18.389 ng		100
46) 1,1'-Biphenyl	9.26	154	166754	4.799 ng		98
49) Acenaphthylene	9.70	152	521625	12.507 ng		98
52) Acenaphthene	9.87	154	375957	13.680 ng		99
55) Dibenzofuran	10.05	168	461058	11.608 ng		96
56) 4-Nitrophenol	10.05	139	163601	26.046 ng	#	12
58) Fluorene	10.39	166	734165	24.570 ng		99
71) Phenanthrene	11.36	178	3165598	61.777 ng		98
72) Anthracene	11.40	178	1095939	21.499 ng		98
73) Carbazole	11.56	167	283460	6.336 ng		97
75) Fluoranthene	12.55	202	2731633	48.825 ng		99
78) Pyrene	12.78	202	2666022	52.041 ng		99
81) Benzo(a)anthracene	14.00	228	1124405	25.304 ng		96
83) Chrysene	14.00	228	1124405	25.212 ng		98
86) Indeno(1,2,3-cd)pyrene	16.86	276	530486	11.839 ng		97
88) Benzo(b)fluoranthene	15.01	252	1894799	38.822 ng		99
89) Benzo(k)fluoranthene	15.01	252	1894799	44.582 ng	#	98
90) Benzo(a)pyrene	15.36	252	1190778	28.508 ng		99
91) Dibenzo(a,h)anthracene	17.03	278	132887	3.584 ng		95
92) Benzo(g,h,i)perylene	17.30	276	479412	13.444 ng		97

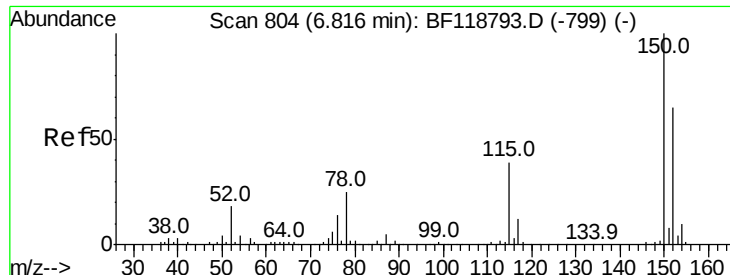
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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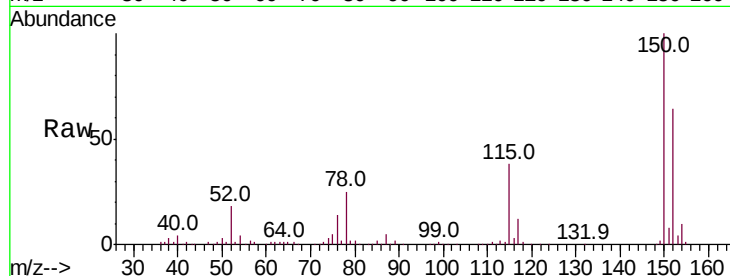


#1

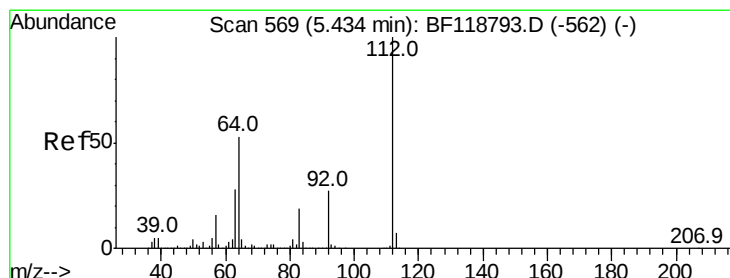
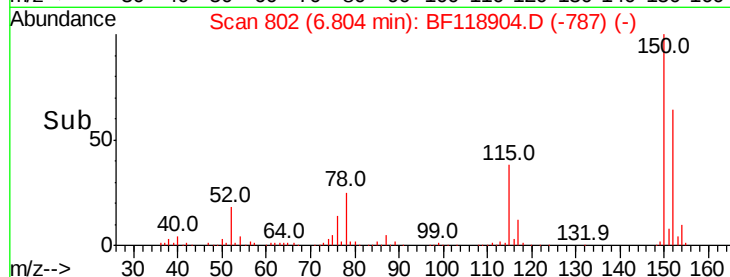
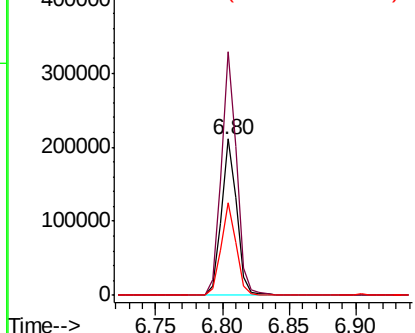
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Instrument :
BNA_F
ClientSampleId :
TP10-EP2-3DL

Tot Ion:152 Resp: 172059
Ion Ratio Lower Upper
152 100
150 155.9 123.6 185.4
115 59.0 48.2 72.2



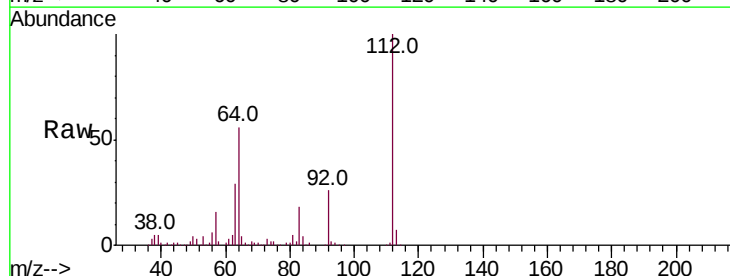
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



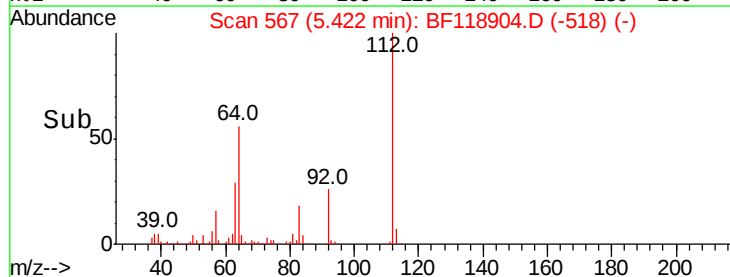
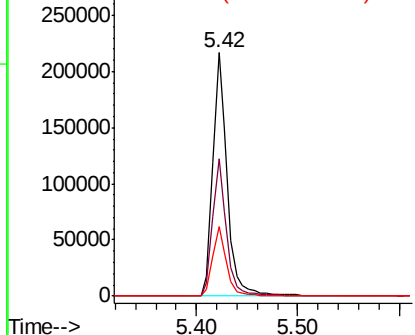
#5

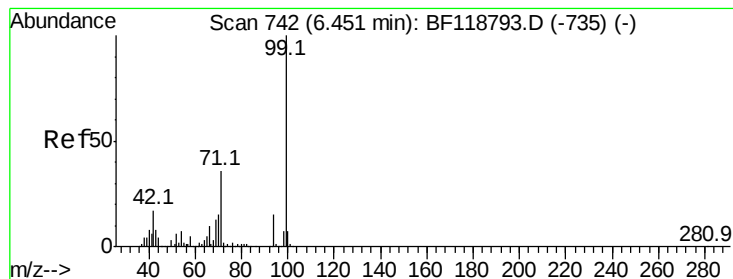
2-Fluorophenol
Concen: 23.619 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Tgt Ion:112 Resp: 214691
Ion Ratio Lower Upper
112 100
64 56.3 42.6 63.8
63 28.7 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: 20.121 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

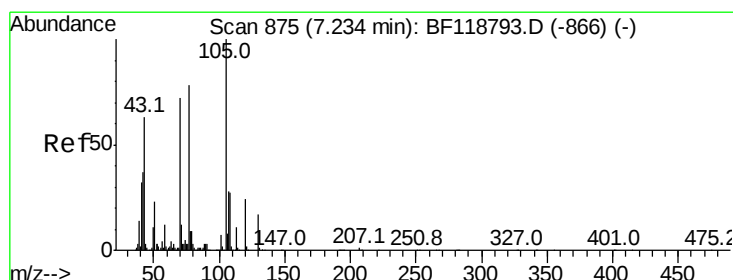
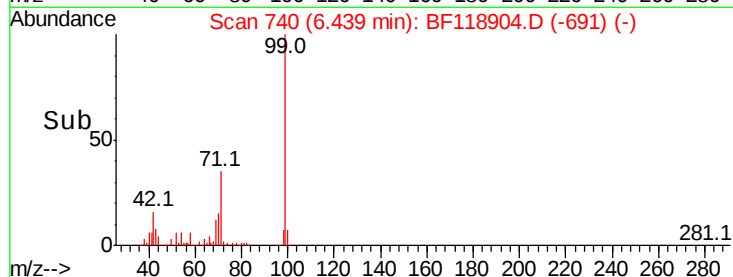
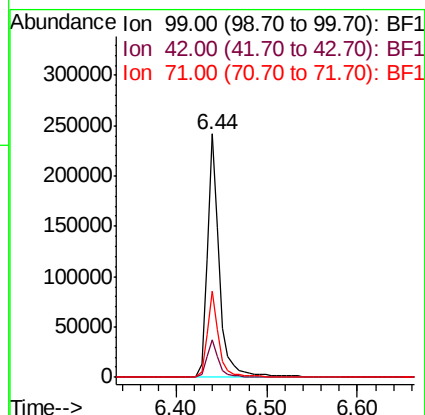
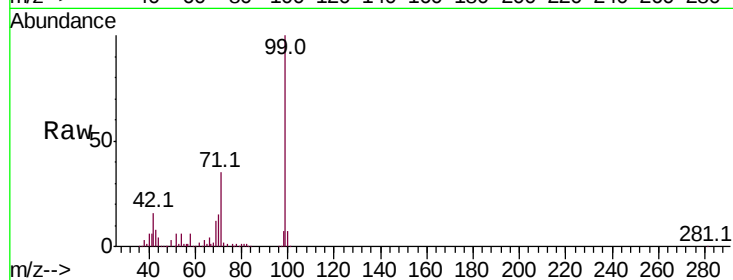
Tot Ion: 99 Resp: 227033

Ion Ratio Lower Upper

99 100

42 15.6 13.4 20.0

71 35.1 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.795 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Tgt Ion: 70 Resp: 19294

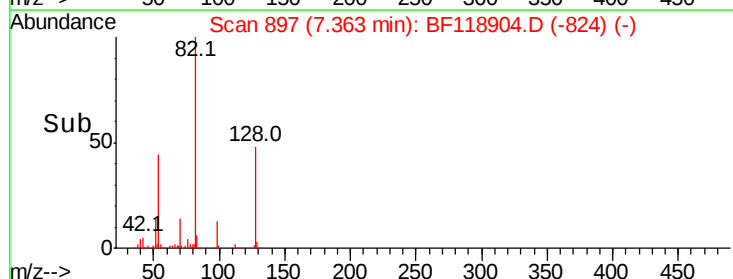
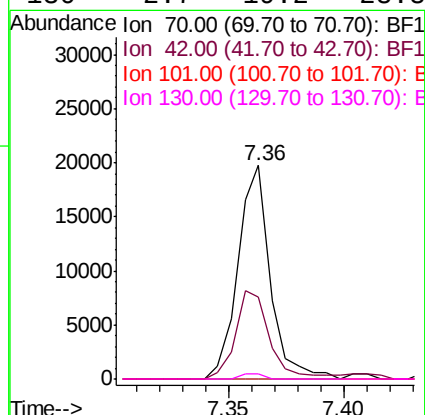
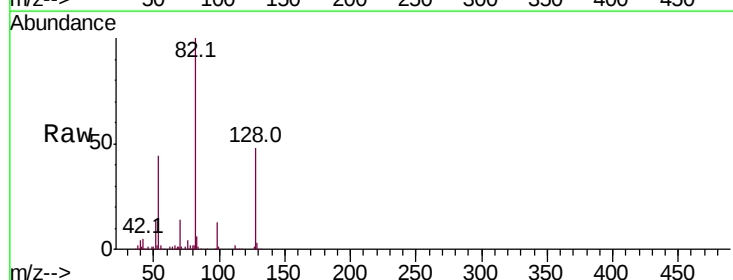
Ion Ratio Lower Upper

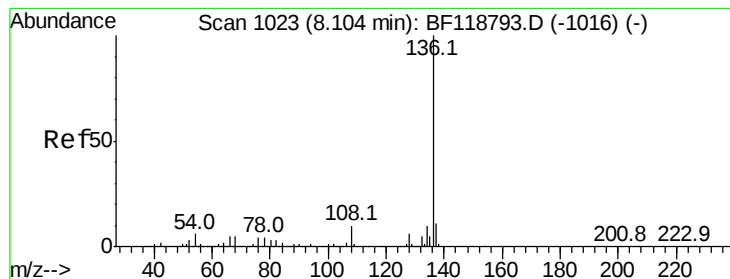
70 100

42 38.6 41.5 62.3#

101 0.0 8.3 12.5#

130 2.7 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

Tot Ion:136 Resp: 684851

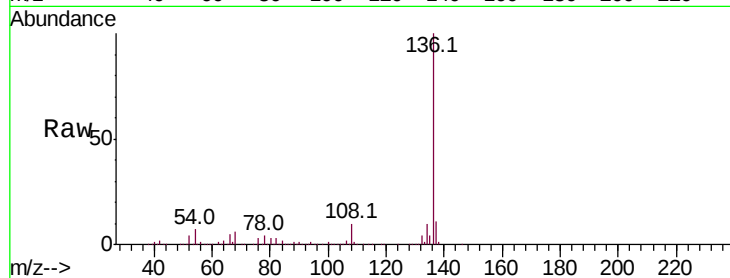
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.8 5.0 7.6

68 5.8 4.2 6.4

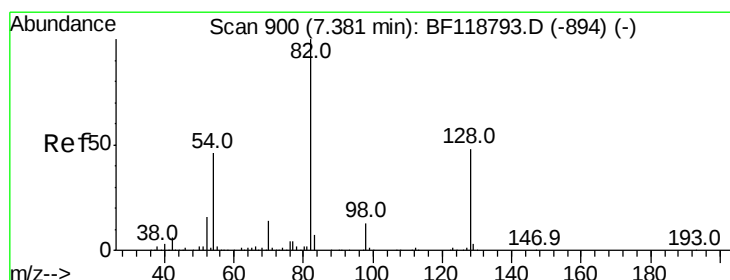
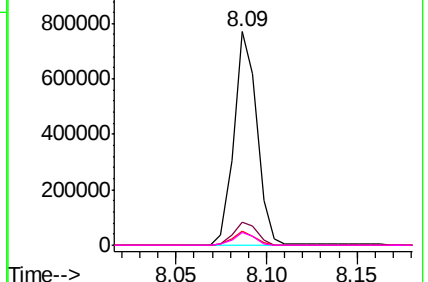
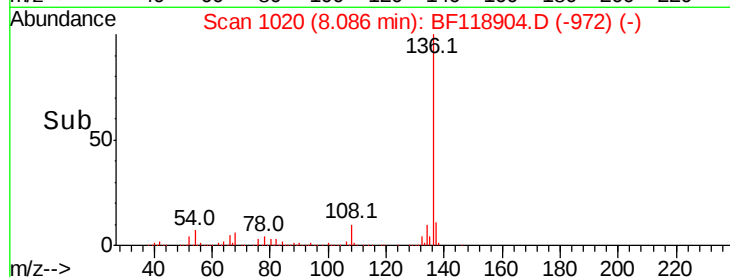


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.574 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

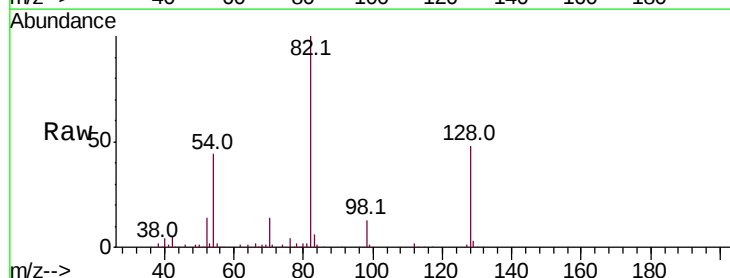
Tgt Ion: 82 Resp: 144478

Ion Ratio Lower Upper

82 100

128 48.0 38.5 57.7

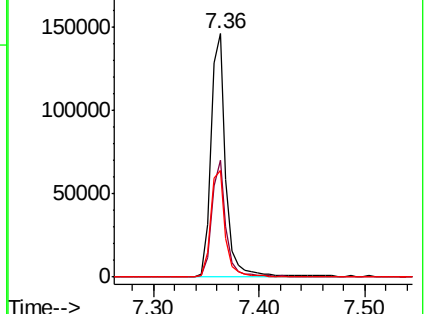
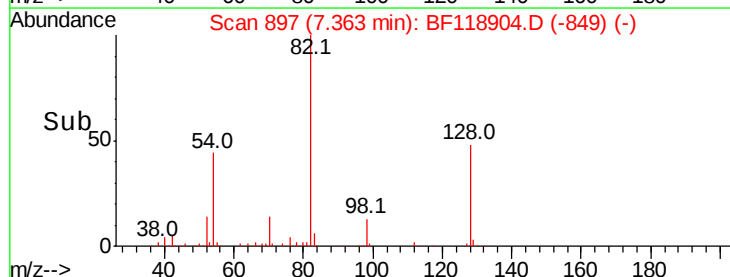
54 44.0 36.7 55.1

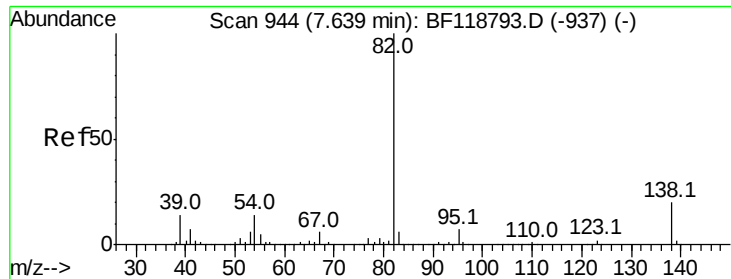


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.997 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

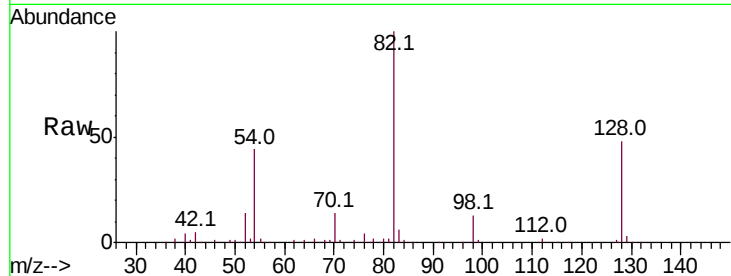
Tot Ion: 82 Resp: 144477

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

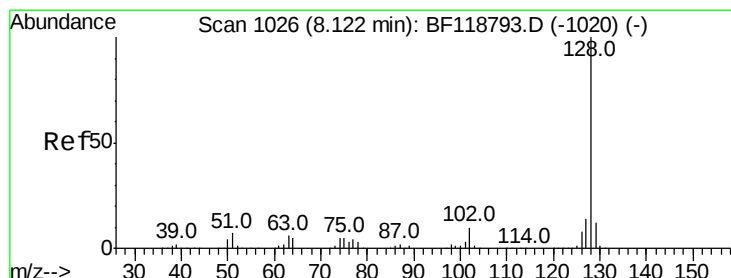
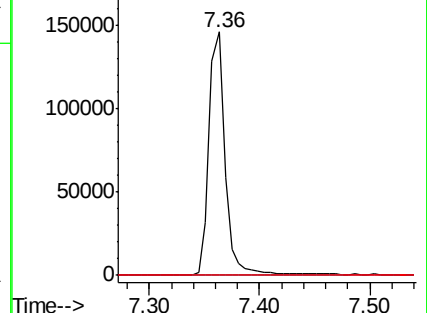
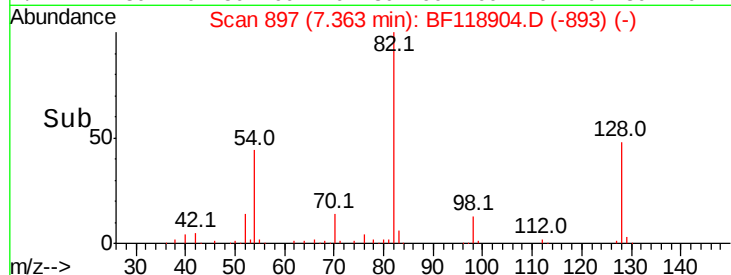
138 0.0 15.7 23.5#



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: 45.254 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

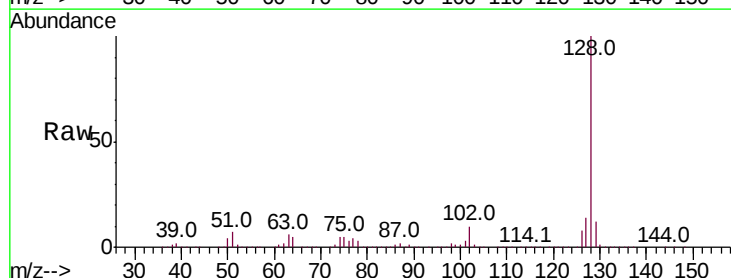
Tgt Ion: 128 Resp: 1417470

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

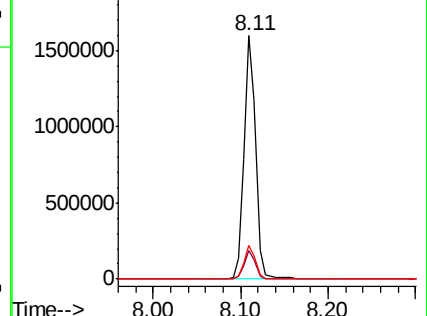
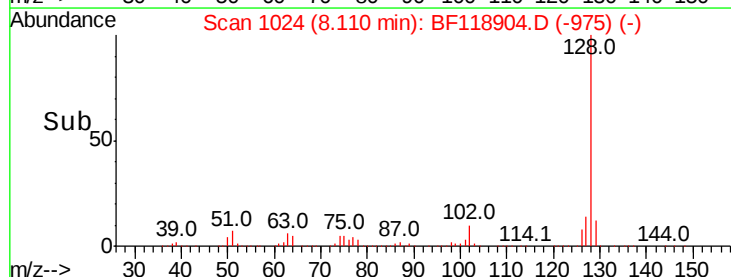
127 13.6 11.3 16.9

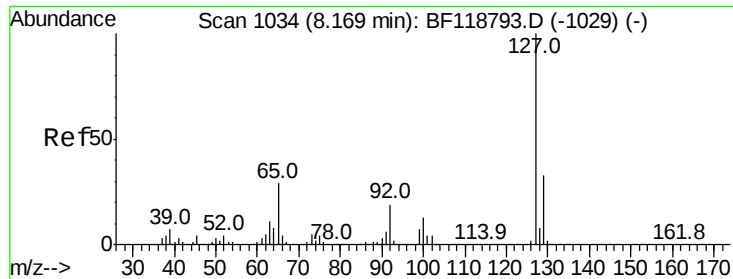


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

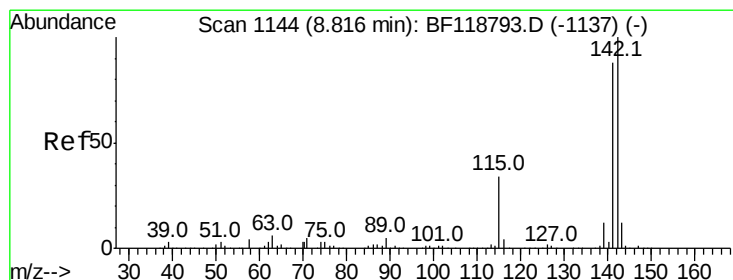
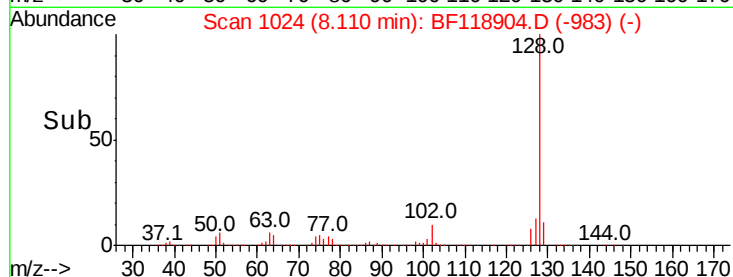
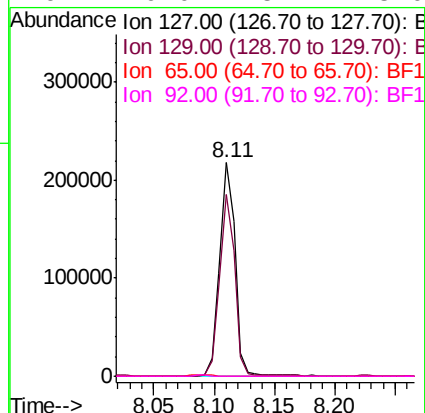
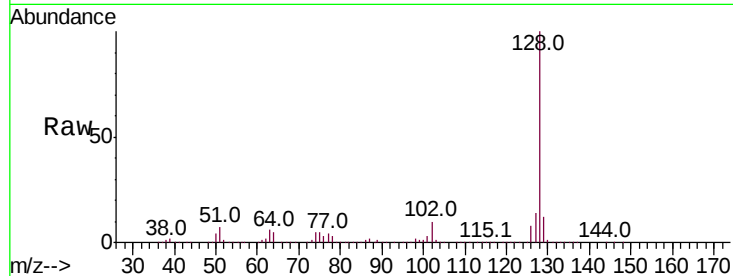




#33
4-Chloroaniline
Concen: 13.586 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

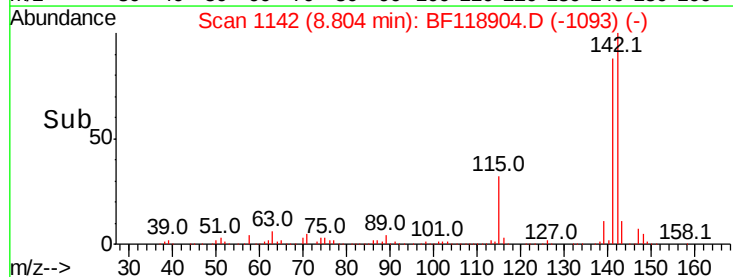
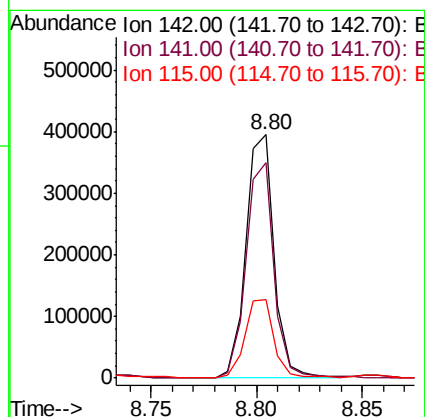
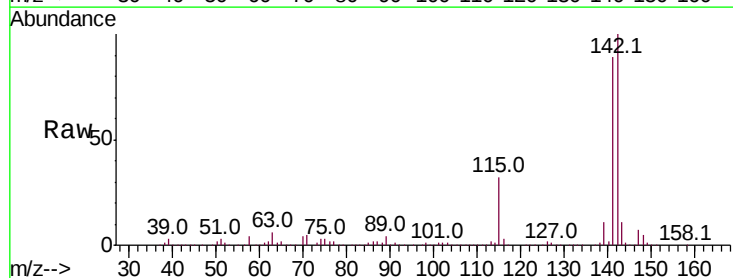
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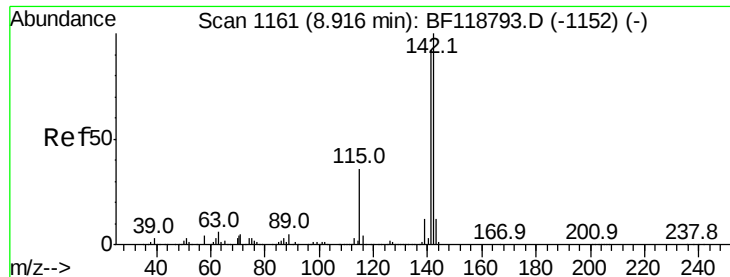
Tot Ion:127 Resp: 190386
Ion Ratio Lower Upper
127 100
129 85.2 26.7 40.1#
65 0.0 22.9 34.3#
92 0.0 15.4 23.0#



#37
2-Methylnaphthalene
Concen: 16.746 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Tgt Ion:142 Resp: 363776
Ion Ratio Lower Upper
142 100
141 88.7 70.1 105.1
115 32.4 27.3 40.9

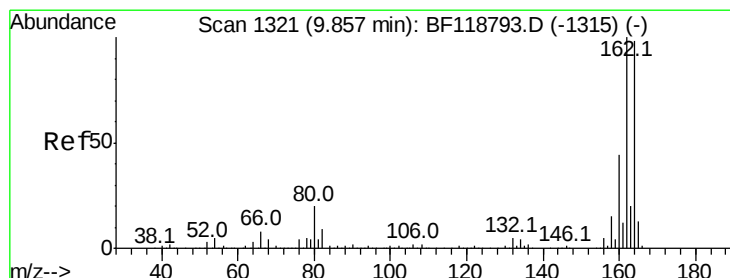
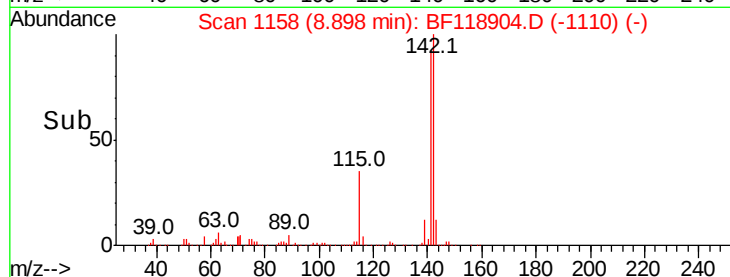
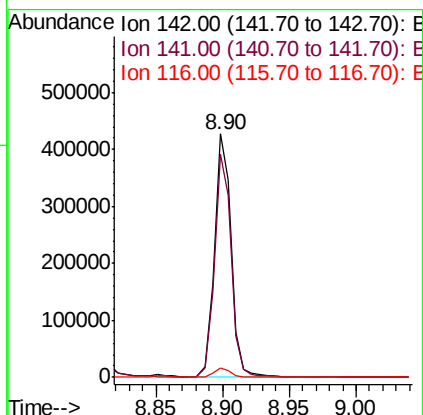
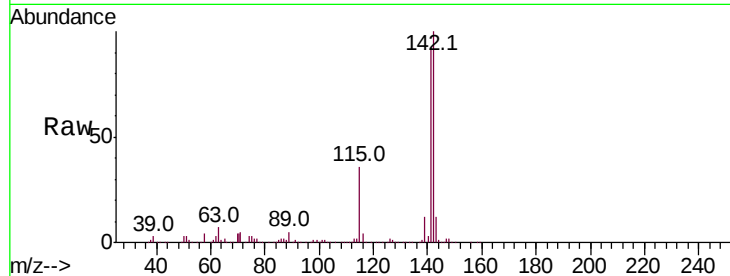




#38
1-Methylnaphthalene
Concen: 18.389 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

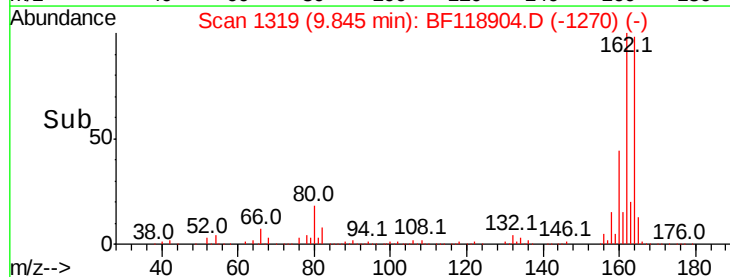
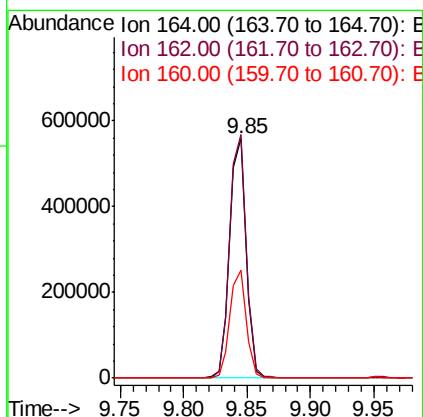
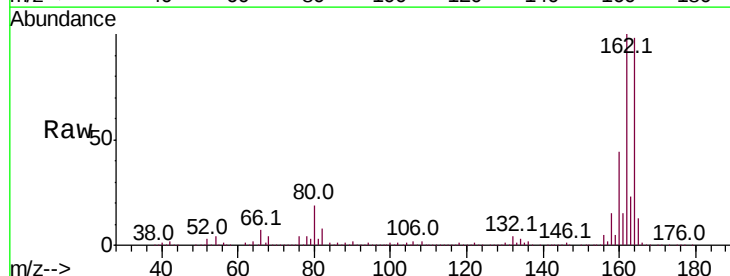
Instrument :
BNA_F
ClientSampleId :
TP10-EP2-3DL

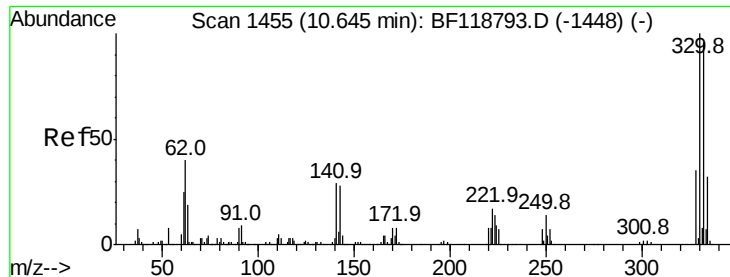
Tot Ion:142 Resp: 375782
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.8 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Tgt Ion:164 Resp: 502295
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.2
160 44.9 35.6 53.4

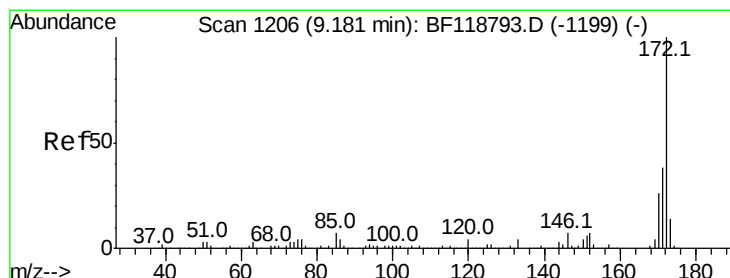
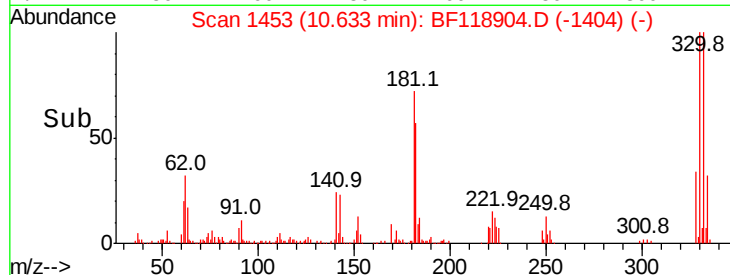
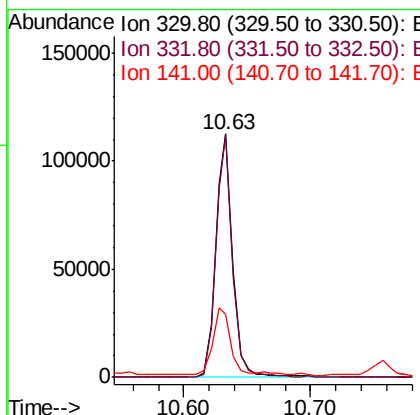
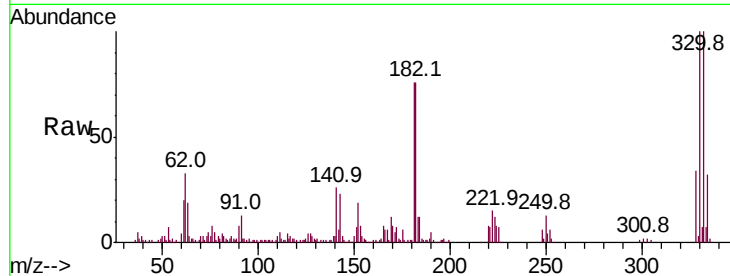




#42
 2,4,6-Tribromophenol
 Concen: 17.525 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118904.D
 Acq: 12 Feb 2020 00:52

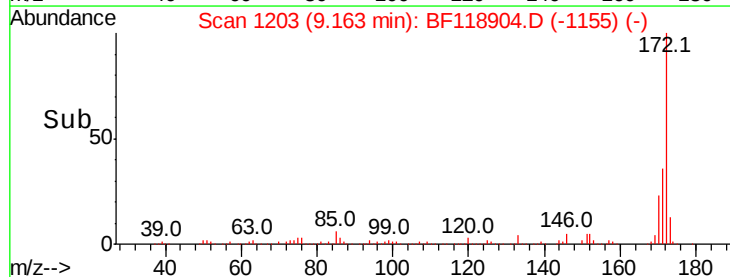
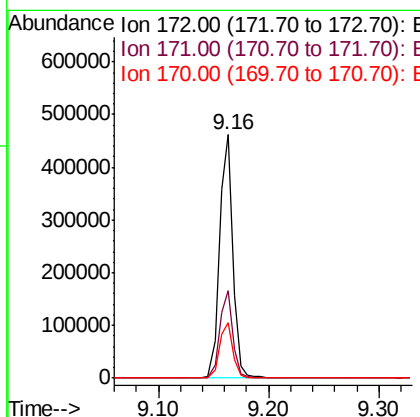
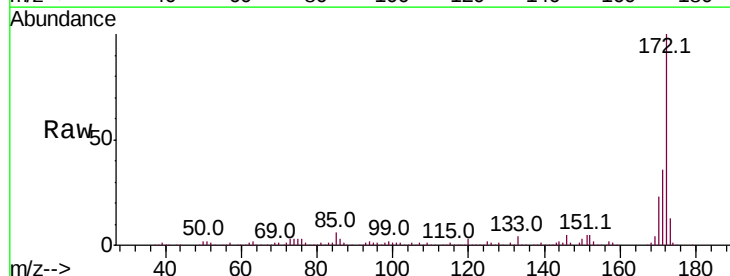
Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP2-3DL

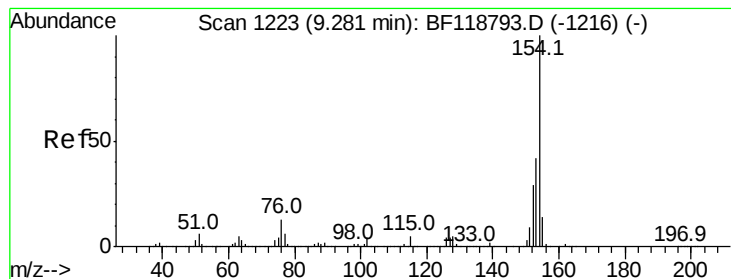
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	27.9	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 13.750 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF118904.D
 Acq: 12 Feb 2020 00:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.8	46.2
170	22.7	20.5	30.7





#46

1,1'-Biphenyl

Concen: 4.799 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

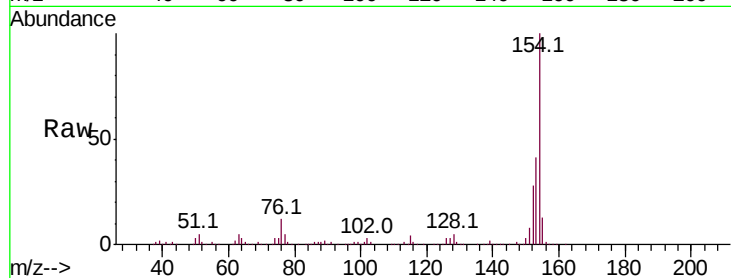
Tot Ion:154 Resp: 166754

Ion Ratio Lower Upper

154 100

153 40.8 22.4 62.4

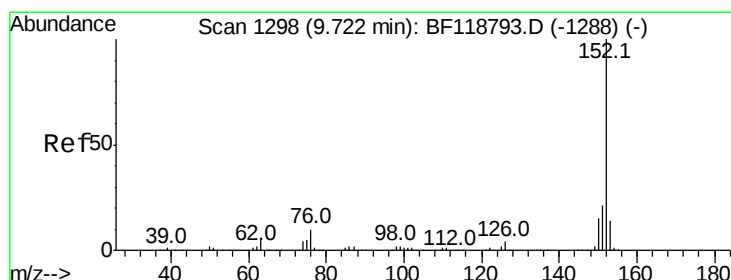
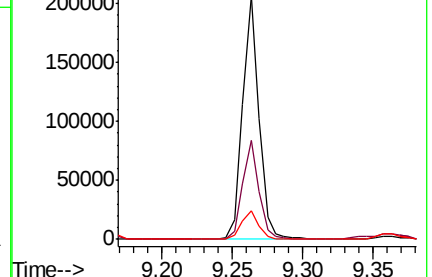
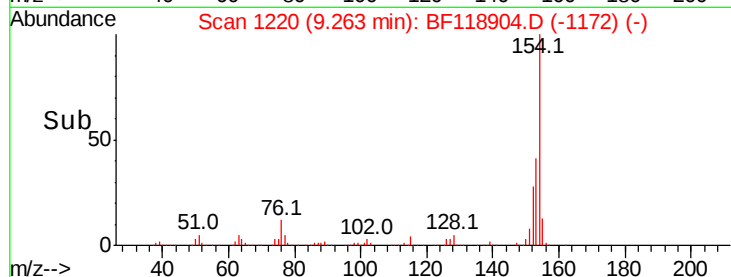
76 11.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49

Acenaphthylene

Concen: 12.507 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

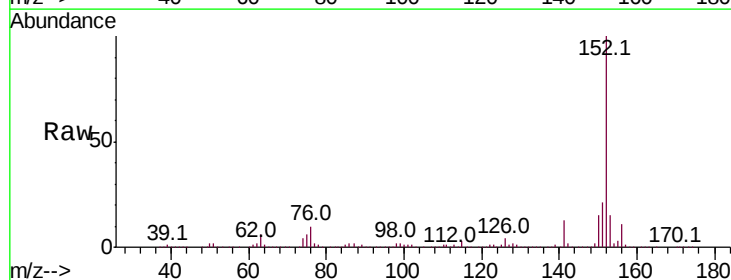
Tgt Ion:152 Resp: 521625

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

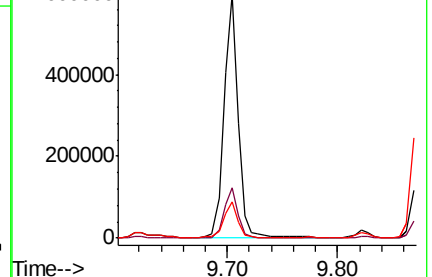
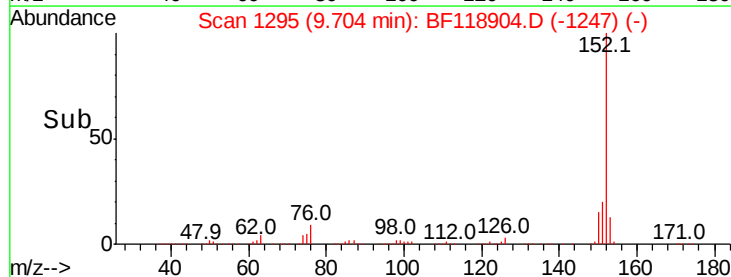
153 14.7 11.0 16.4

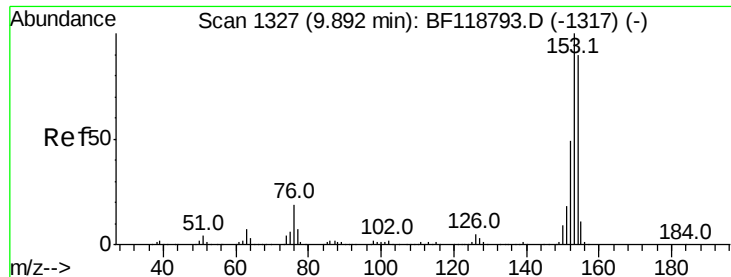


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#52

Acenaphthene

Concen: 13.680 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

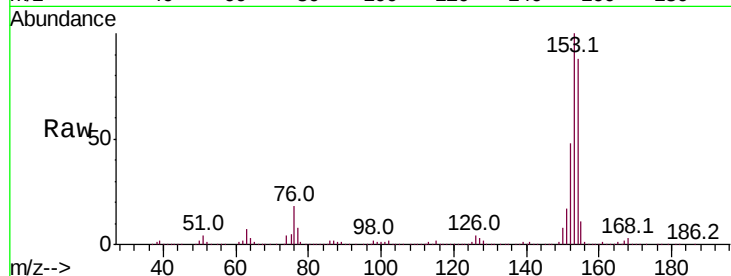
Tot Ion:154 Resp: 375957

Ion Ratio Lower Upper

154 100

153 113.0 89.4 134.0

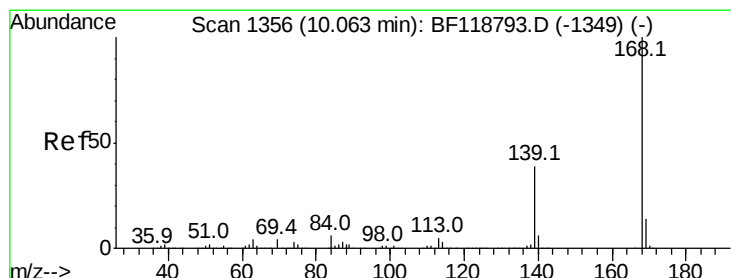
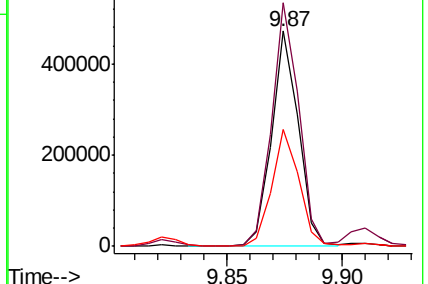
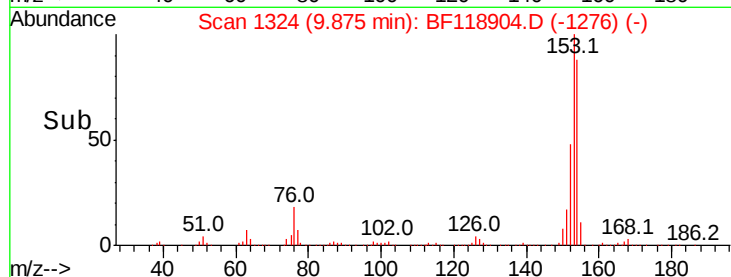
152 54.3 43.6 65.4



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: 11.608 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

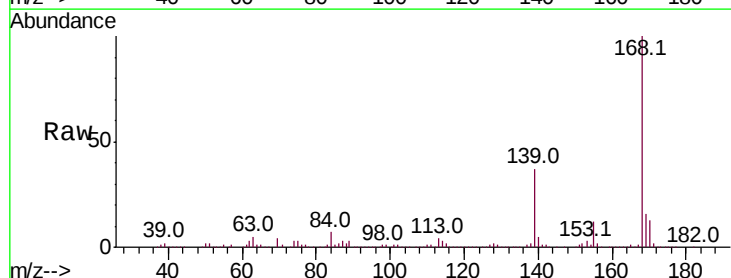
Tgt Ion:168 Resp: 461058

Ion Ratio Lower Upper

168 100

139 37.2 31.6 47.4

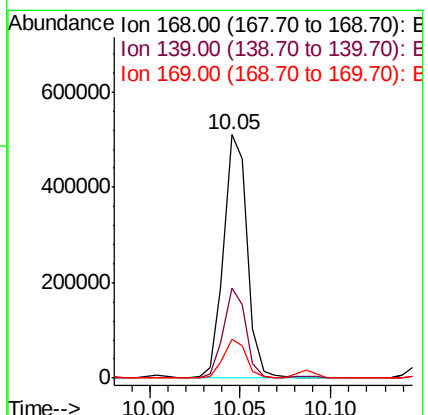
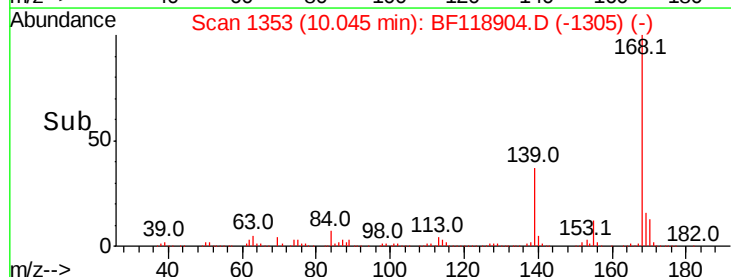
169 15.9 11.4 17.2

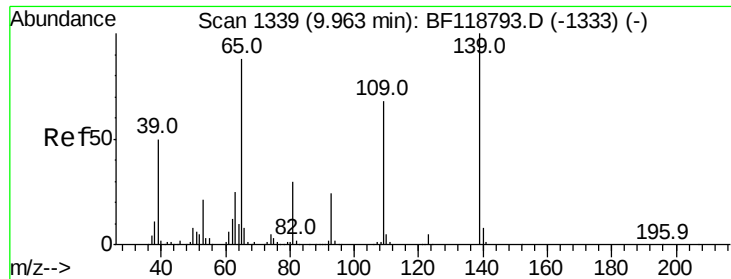


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 26.046 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.08 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

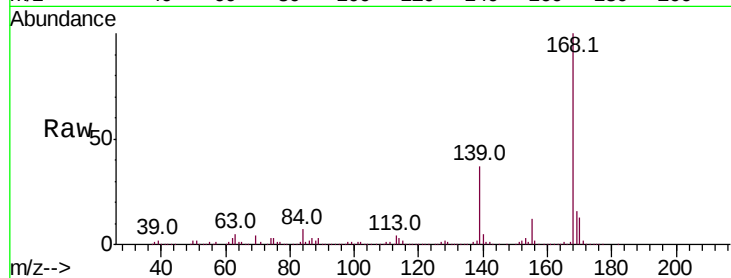
Tot Ion:139 Resp: 163601

Ion Ratio Lower Upper

139 100

109 1.1 48.0 88.0#

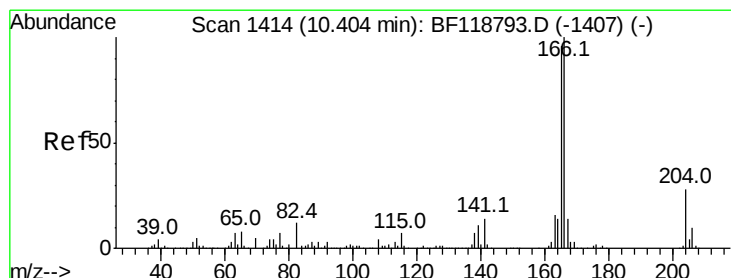
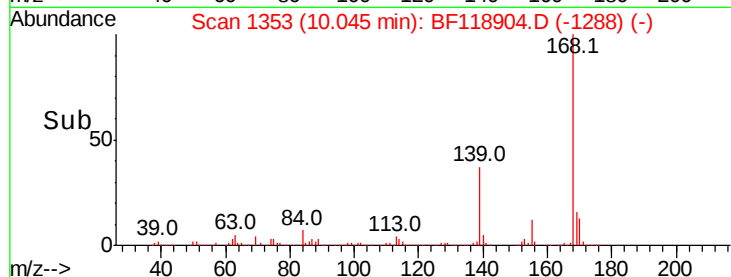
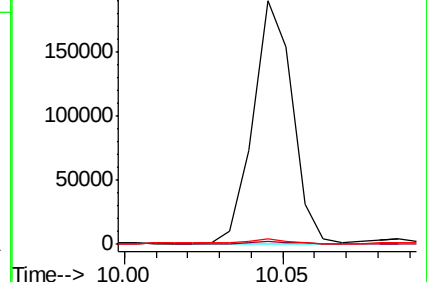
65 2.1 68.3 108.3#



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



#58

Fluorene

Concen: 24.570 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

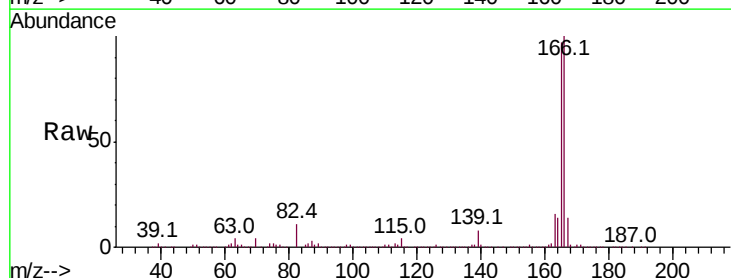
Tgt Ion:166 Resp: 734165

Ion Ratio Lower Upper

166 100

165 96.9 77.0 115.6

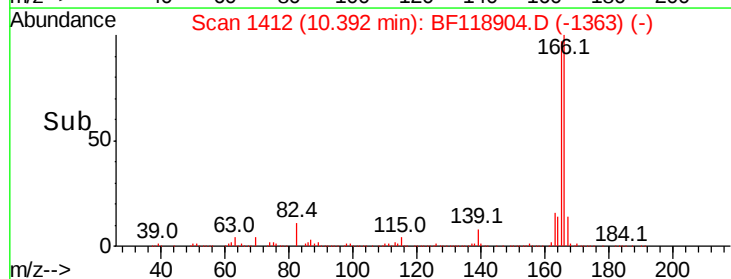
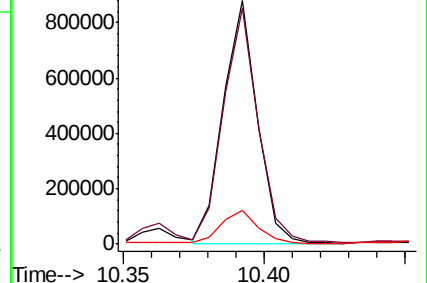
167 14.0 11.1 16.7

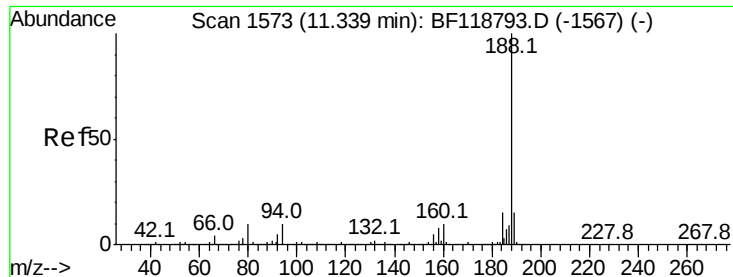


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

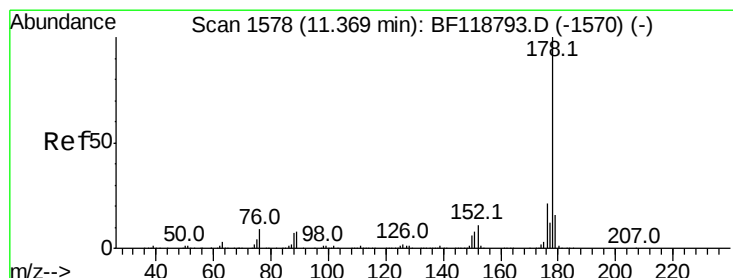
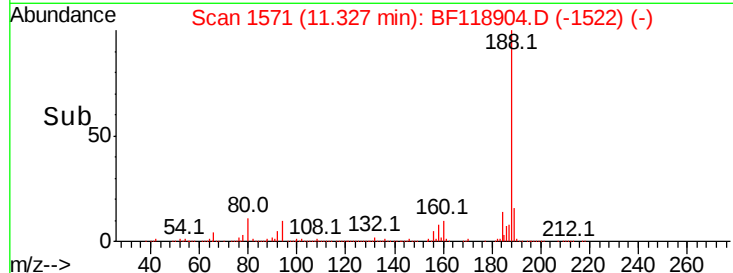
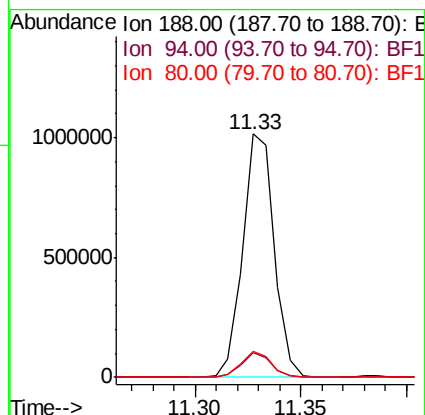
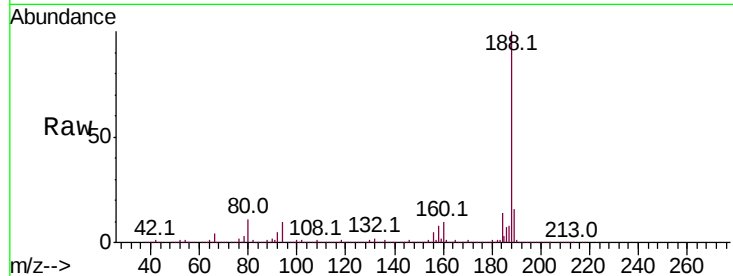




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

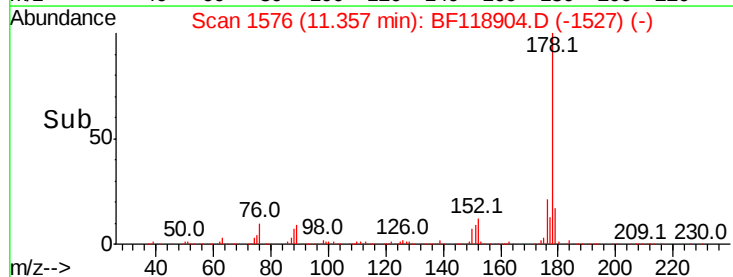
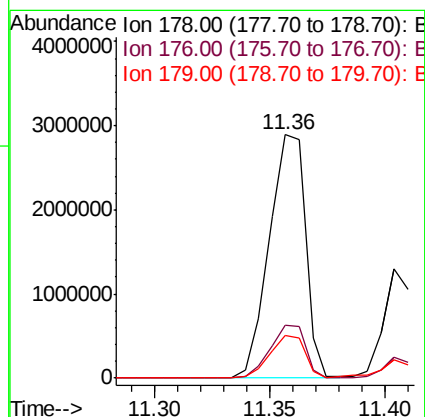
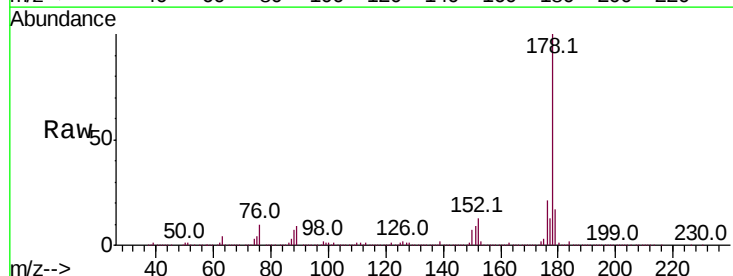
Instrument :
BNA_F
ClientSampleId :
TP10-EP2-3DL

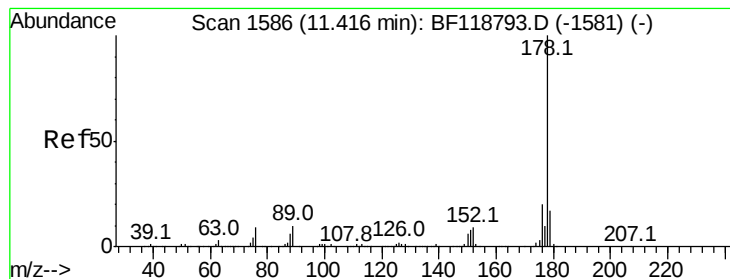
Tot Ion:188 Resp: 1041478
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.6 8.4 12.6



#71
Phenanthrene
Concen: 61.777 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Tgt Ion:178 Resp: 3165598
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 17.5 13.2 19.8





#72

Anthracene

Concen: 21.499 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

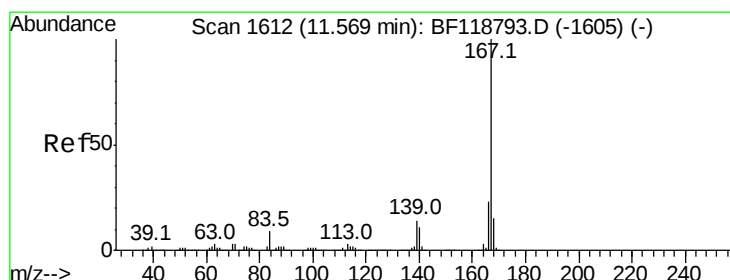
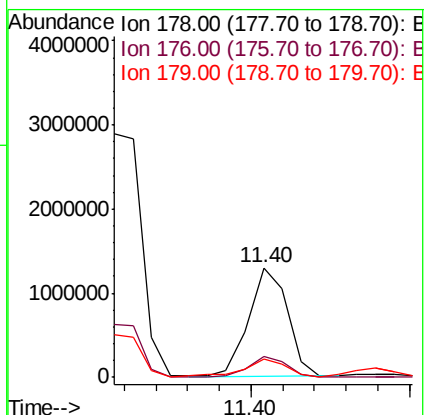
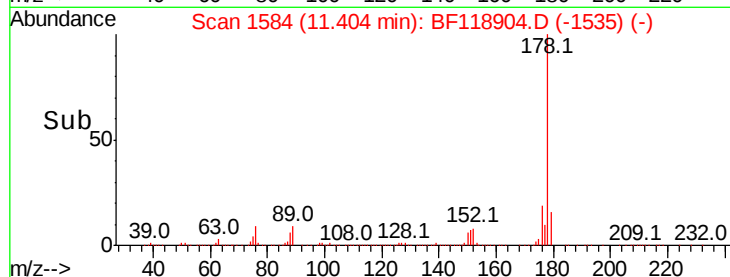
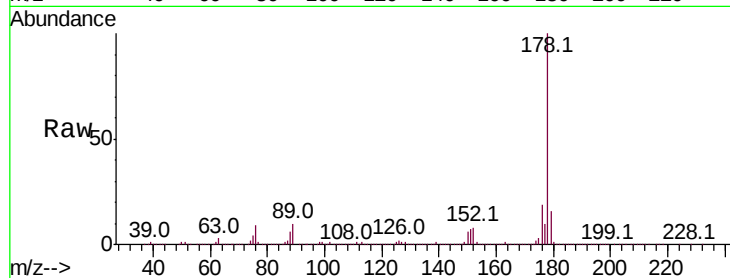
BNA_F

ClientSampleId :

TP10-EP2-3DL

Tot Ion:178 Resp: 1095939

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	16.2	13.4	20.2



#73

Carbazole

Concen: 6.336 ng

RT: 11.56 min Scan# 1610

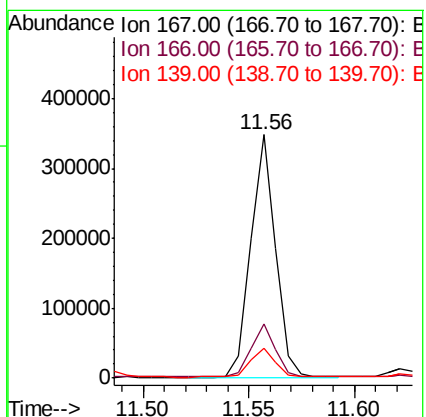
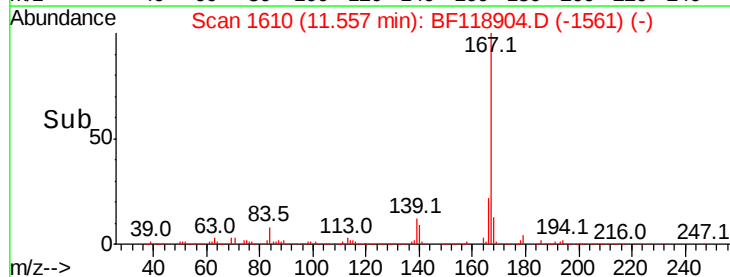
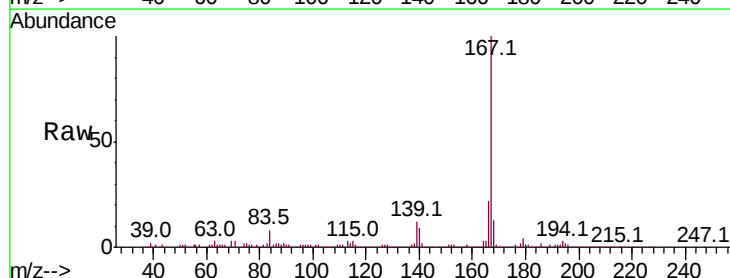
Delta R.T. -0.01 min

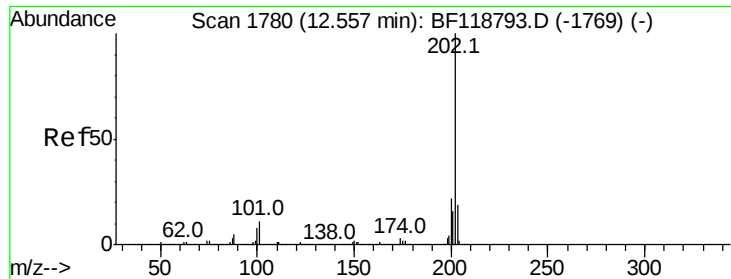
Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Tgt Ion:167 Resp: 283460

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.4	27.6
139	12.3	11.1	16.7





#75

Fluoranthene

Concen: 48.825 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

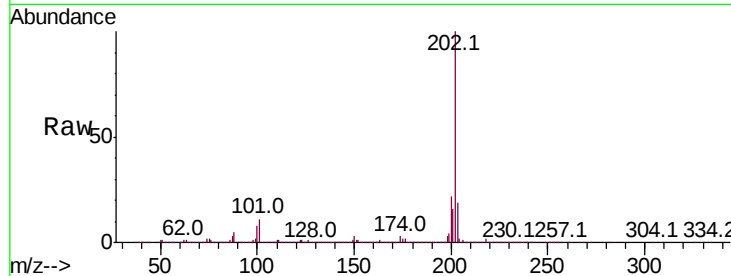
Tot Ion:202 Resp: 2731633

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.0

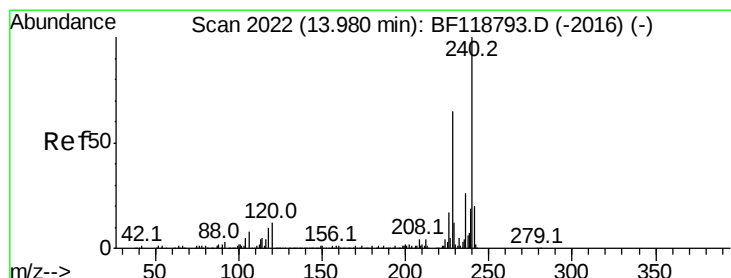
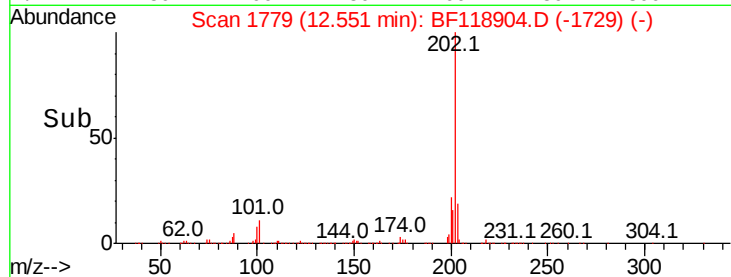
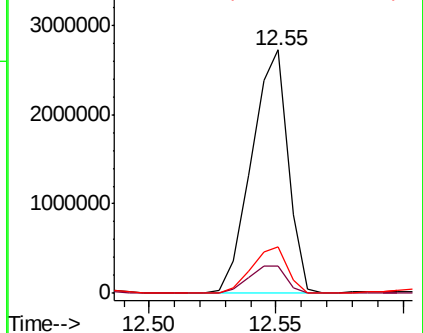
203 19.3 0.0 38.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

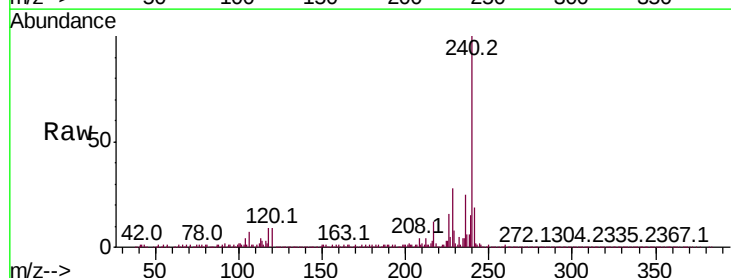
Tgt Ion:240 Resp: 746753

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.0#

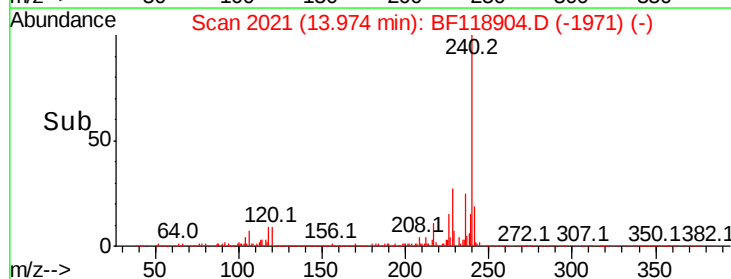
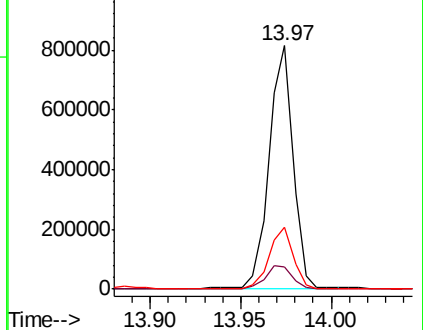
236 25.4 21.0 31.6

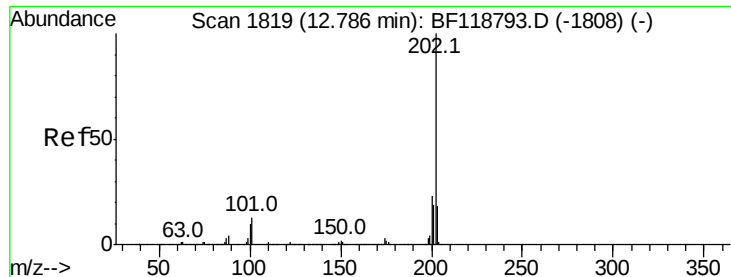


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



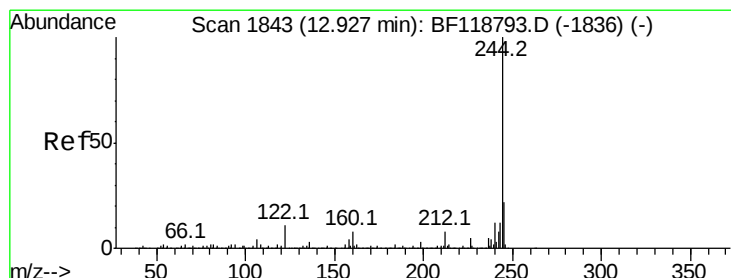
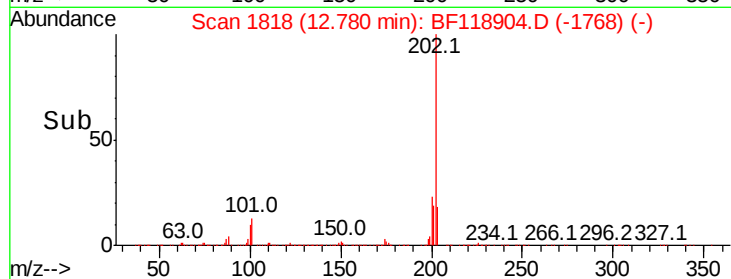
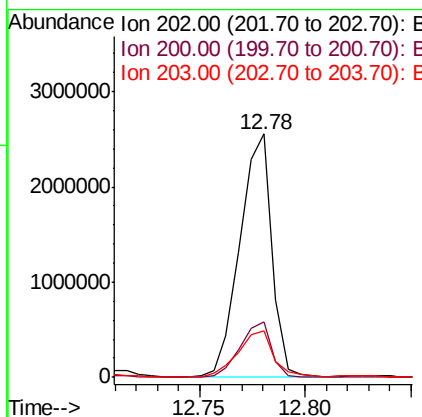
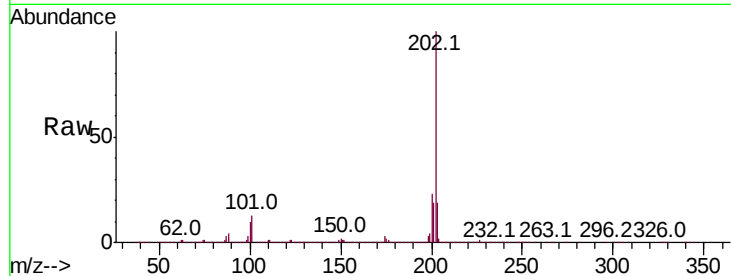


#78
Pvrene
Concen: 52.041 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Instrument :
BNA_F
ClientSampleId :
TP10-EP2-3DL

Tot Ion:202 Resp: 2666022

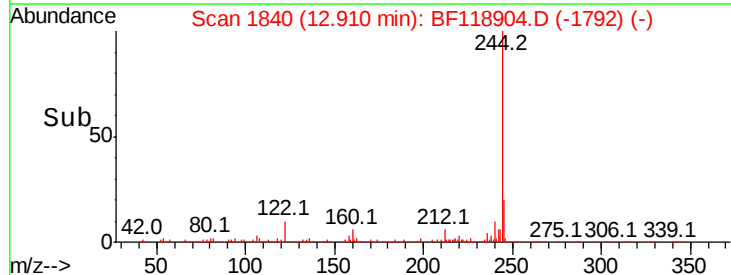
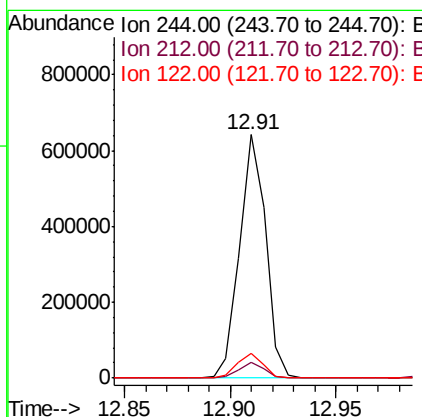
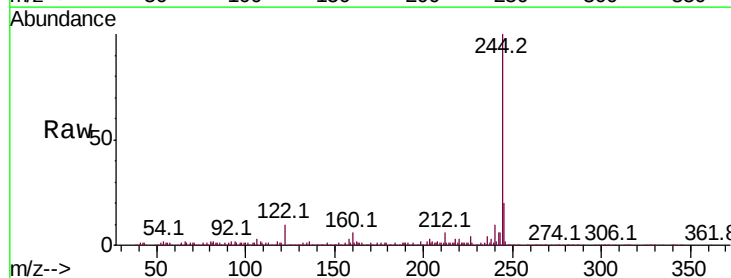
Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.2
203	19.1	14.8	22.2

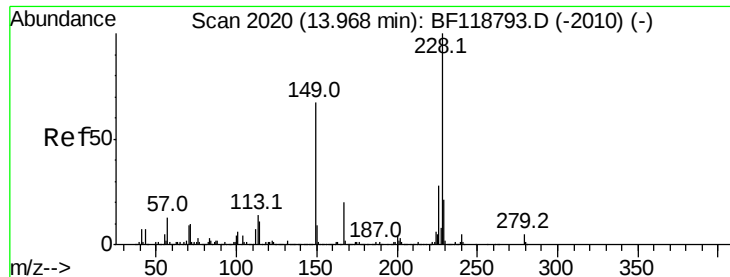


#79
Terphenyl-d14
Concen: 15.083 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Tgt Ion:244 Resp: 548345

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.5	9.7#
122	9.9	8.9	13.3

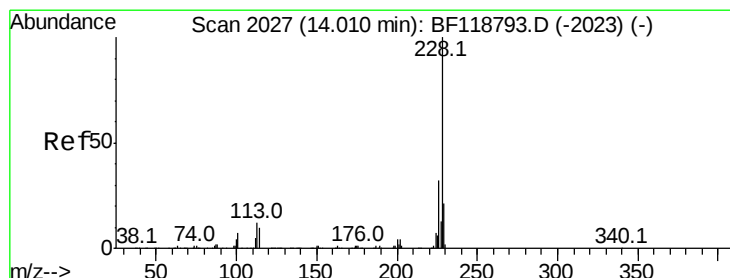
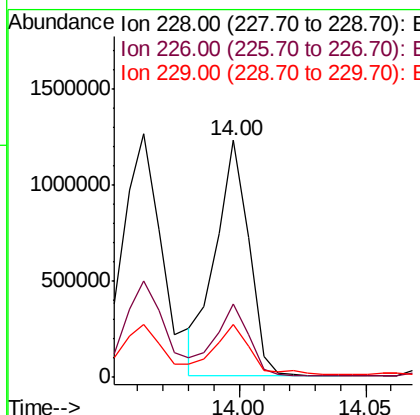
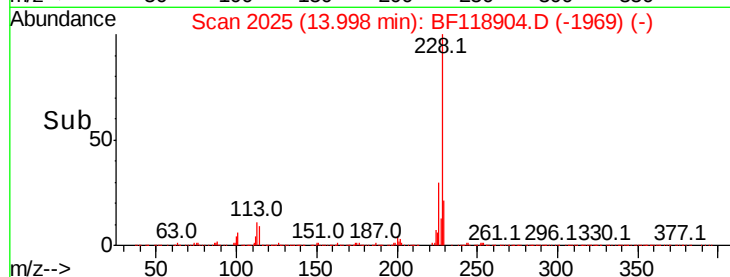
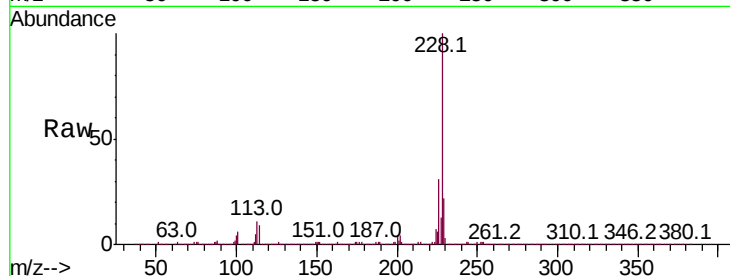




#81
Benzo(a)anthracene
Concen: 25.304 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.03 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

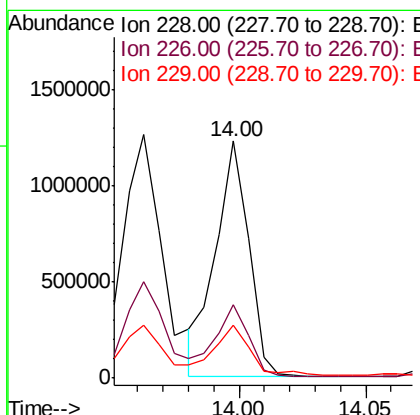
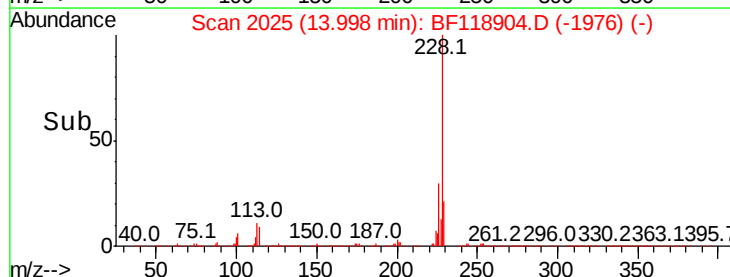
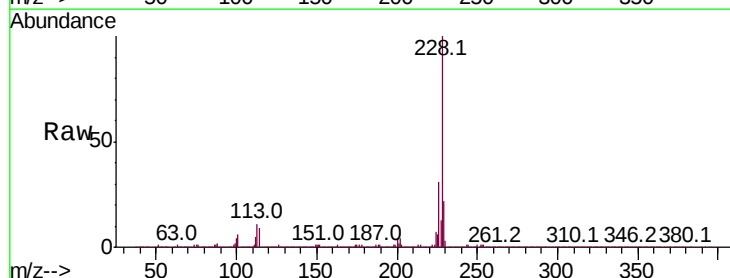
Instrument :
BNA_F
ClientSampleId :
TP10-EP2-3DL

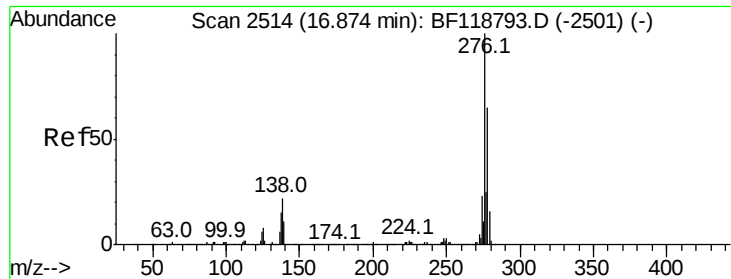
Tot Ion:228 Resp: 1124405
Ion Ratio Lower Upper
228 100
226 30.8 22.7 34.1
229 22.4 16.6 25.0



#83
Chrysene
Concen: 25.212 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118904.D
Acq: 12 Feb 2020 00:52

Tgt Ion:228 Resp: 1124405
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 22.4 16.9 25.3

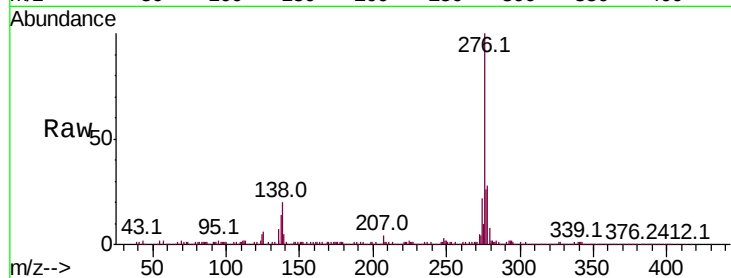




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.839 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BF118904.D
 Acq: 12 Feb 2020 00:52

Instrument :
 BNA_F
 ClientSampleId :
 TP10-EP2-3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.3	27.5
277	24.5	20.2	30.4

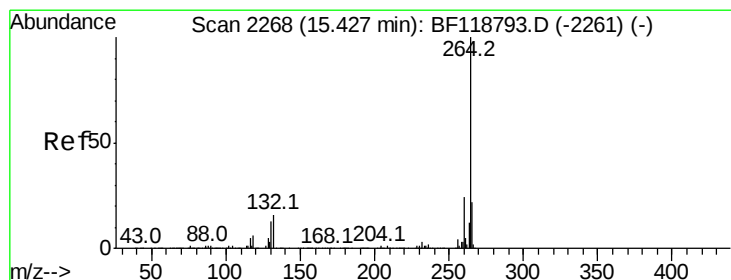
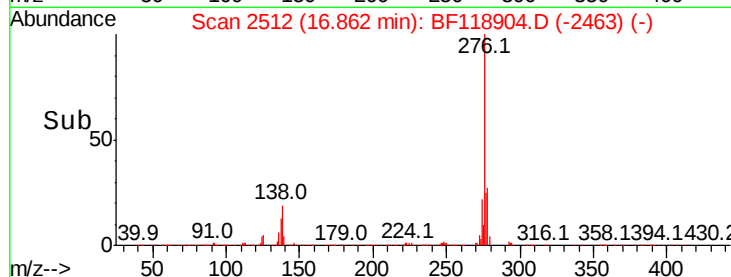
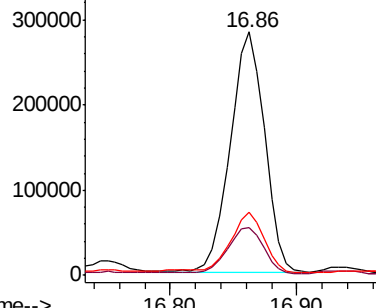


Abundance

Ion 276.00 (275.70 to 276.70): E

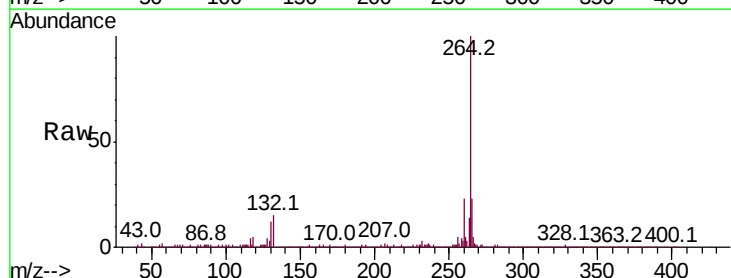
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF118904.D
 Acq: 12 Feb 2020 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	23.3	17.2	25.8

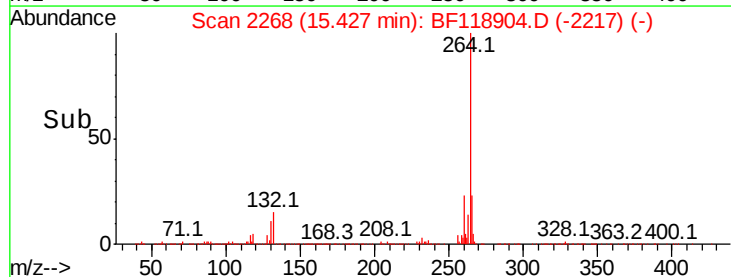
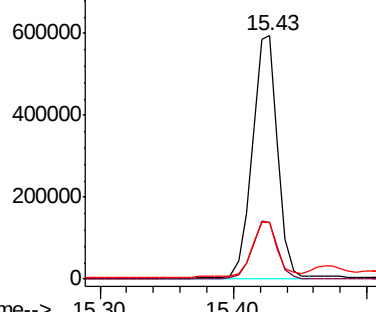


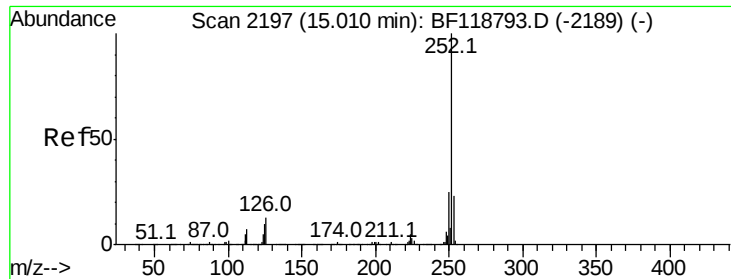
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 38.822 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

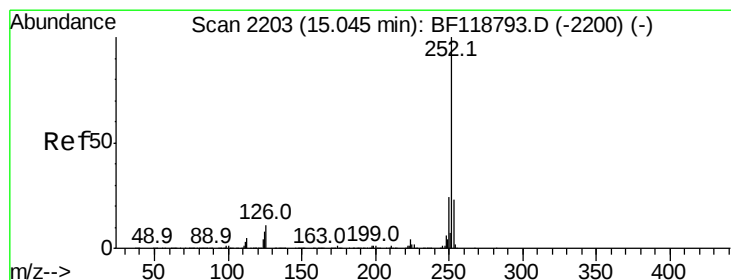
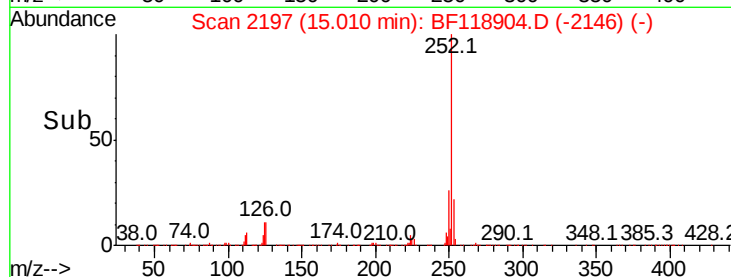
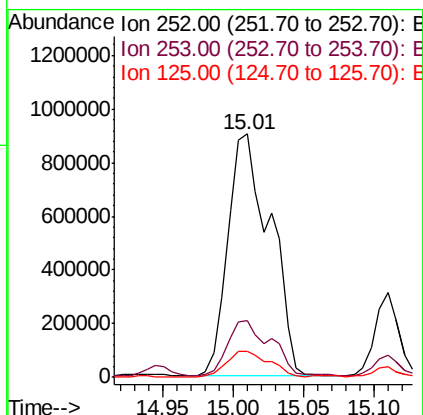
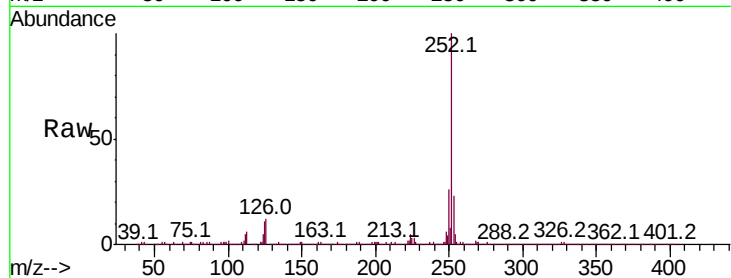
Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :
BNA_F
ClientSampleId :
TP10-EP2-3DL

Tot Ion:252 Resp: 1894799

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.8	8.1	12.1



#89

Benzo(k)fluoranthene

Concen: 44.582 ng

RT: 15.01 min Scan# 2197

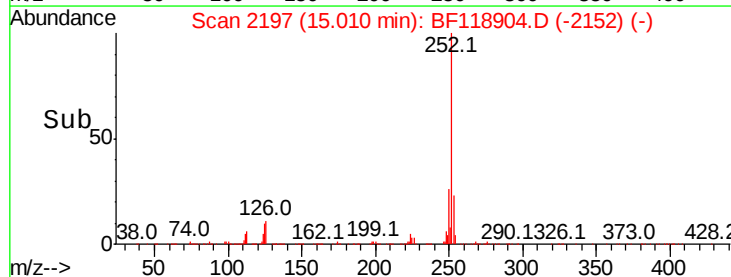
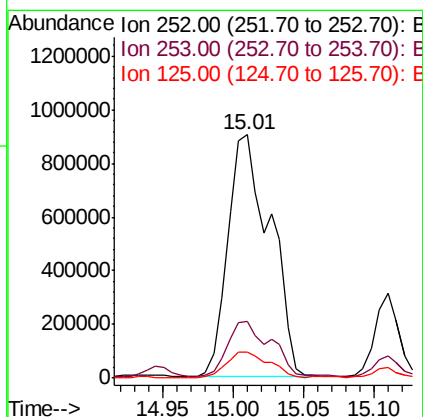
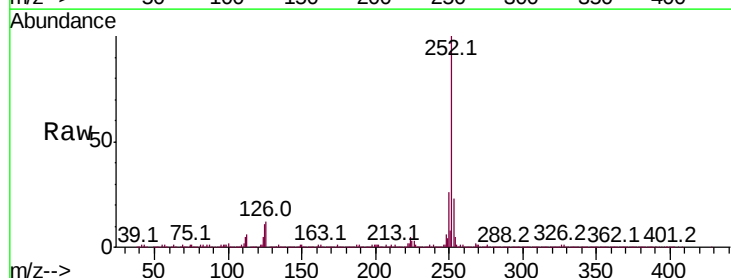
Delta R.T. -0.04 min

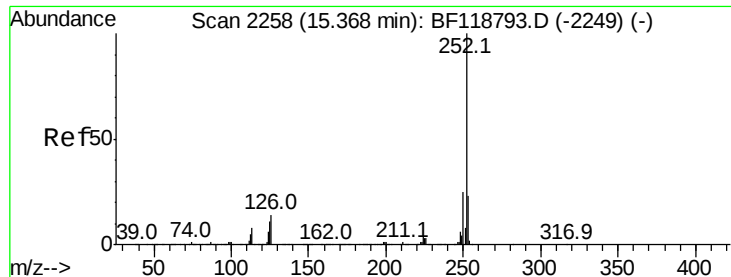
Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Tgt Ion:252 Resp: 1894799

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	10.8	7.0	10.6#





#90

Benzo(a)pyrene

Concen: 28.508 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

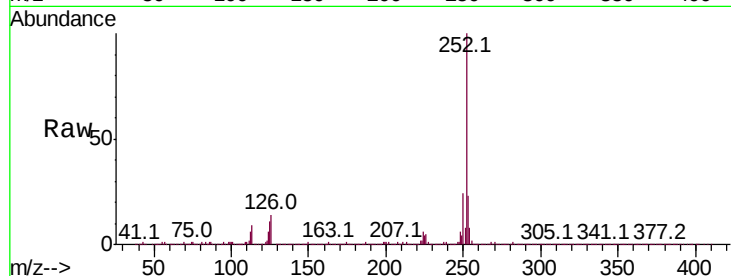
Tot Ion:252 Resp: 1190778

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

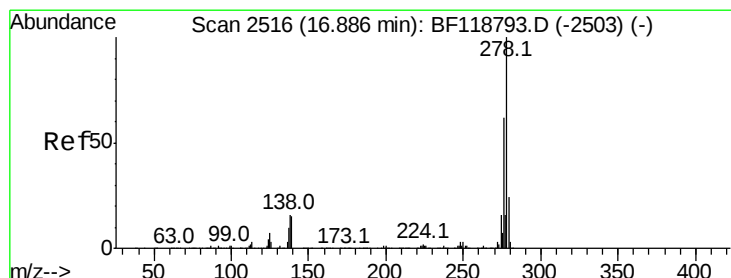
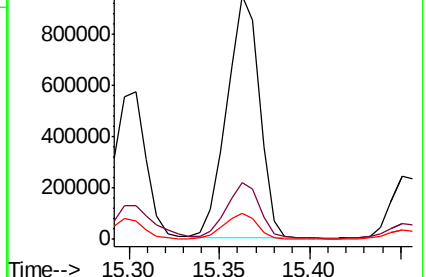
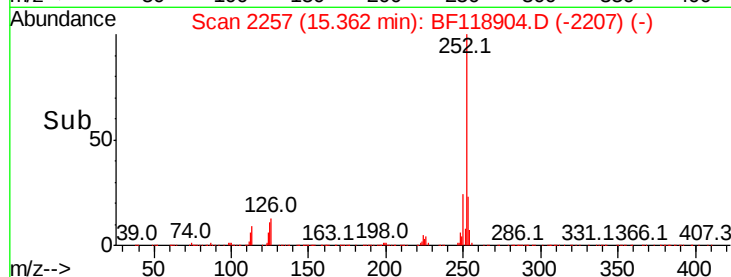
125 10.9 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 3.584 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.14 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

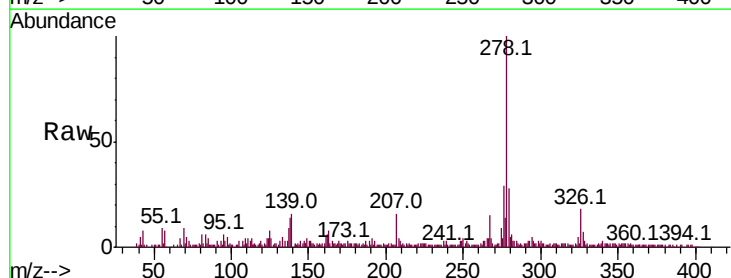
Tgt Ion:278 Resp: 132887

Ion Ratio Lower Upper

278 100

139 15.9 12.3 18.5

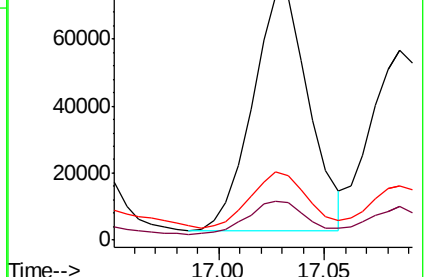
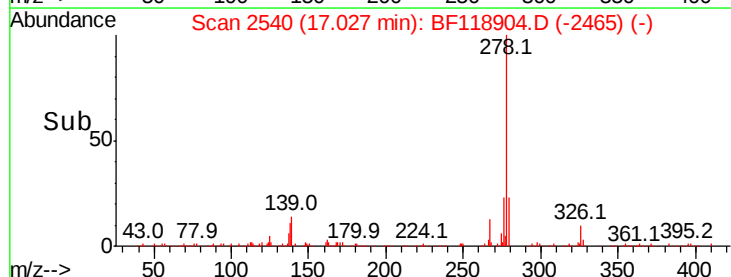
279 27.9 19.1 28.7

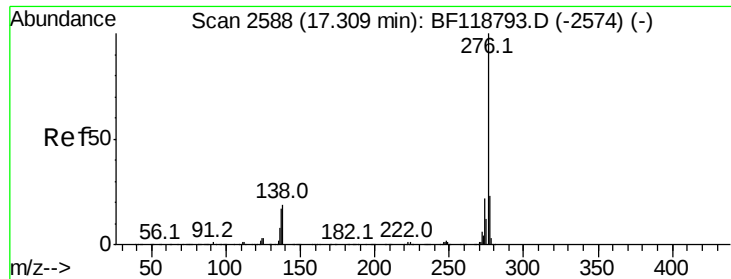


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 13.444 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF118904.D

Acq: 12 Feb 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP10-EP2-3DL

Tot Ion:276 Resp: 479412

Ion Ratio Lower Upper

276 100

277 24.7 18.7 28.1

138 20.7 15.4 23.2

