

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121828.D
 Acq On : 5 Oct 2020 20:51
 Operator : JU/CG
 Sample : L4247-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

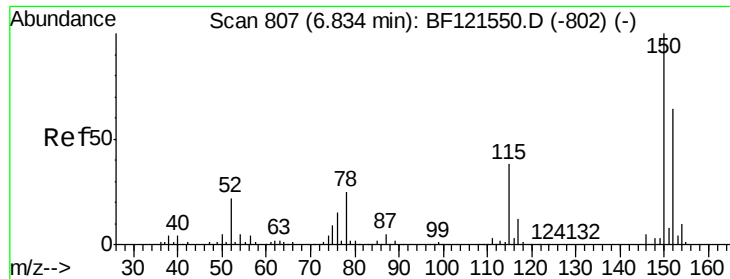
Quant Time: Oct 06 00:21:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	101805	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	382014	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	181304	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	290583	20.00	ng	0.00
76) Chrysene-d12	13.95	240	194651	20.00	ng	0.02
86) Perylene-d12	15.40	264	252473	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	547143	79.87	ng	0.00
7) Phenol-d6	6.40	99	684388	76.15	ng	-0.01
23) Nitrobenzene-d5	7.33	82	458631	64.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	158320	70.26	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	762195	63.67	ng	-0.01
79) Terphenyl-d14	12.87	244	632936	65.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	59205	11.430	ng	# 79
25) Isophorone	7.33	82	458351	32.002	ng	# 67
31) Naphthalene	8.07	128	161456	8.006	ng	99
32) Benzoic acid	7.85	122	2154	7.322	ng	# 51
33) 4-Chloroaniline	8.07	127	20819	2.382	ng	# 30
37) 2-Methylnaphthalene	8.76	142	60502	4.578	ng	99
38) 1-Methylnaphthalene	8.86	142	55918	4.546	ng	100
49) Acenaphthylene	9.66	152	389825	22.182	ng	99
50) Dimethylphthalate	9.52	163	93046	7.081	ng	99
52) Acenaphthene	9.83	154	232889	20.981	ng	98
54) 2,4-Dinitrophenol	10.09	184	332	9.230	ng	# 22
55) Dibenzofuran	10.00	168	204919	13.109	ng	97
58) Fluorene	10.35	166	315027	26.353	ng	100
65) 4,6-Dinitro-2-methylphenol	10.59	198	312	7.002	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	9361	2.829	ng	# 1
71) Phenanthrene	11.33	178	3086116	194.927	ng	98
72) Anthracene	11.37	178	1194166	73.091	ng	100
73) Carbazole	11.52	167	379753	25.757	ng	99
75) Fluoranthene	12.53	202	5647316	334.147	ng	95
78) Pvrene	12.76	202	4952681	348.246	ng	95
81) Benzo(a)anthracene	13.94	228	3859493	313.408	ng	95
83) Chrysene	13.94	228	3859493	309.499	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	16413	2.136	ng	# 79
87) Indeno(1,2,3-cd)pyrene	16.85	276	1948843	118.529	ng	96
88) Benzo(b)fluoranthene	15.00	252	5915805	350.502	ng	97
89) Benzo(k)fluoranthene	15.00	252	5915805	382.752	ng	96
90) Benzo(a)pyrene	15.36	252	3242301	225.992	ng	94
91) Dibenzo(a,h)anthracene	16.99	278	490341	35.826	ng	97
92) Benzo(g,h,i)perylene	17.28	276	1690668	125.666	ng	97

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

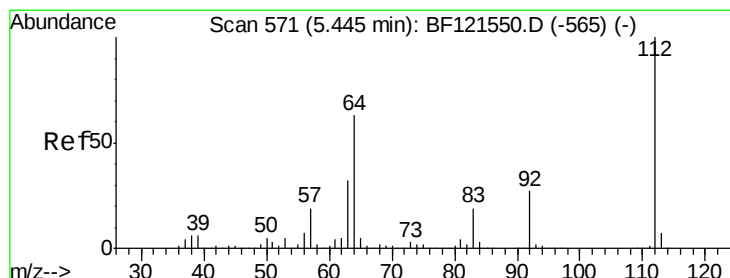
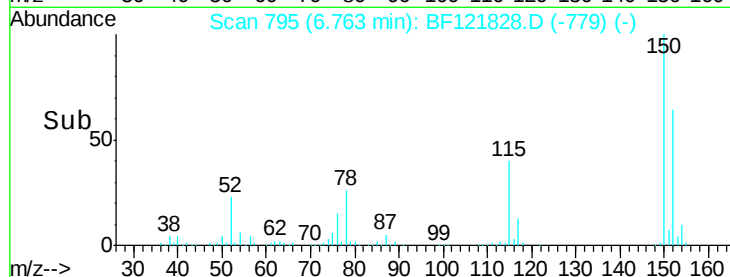
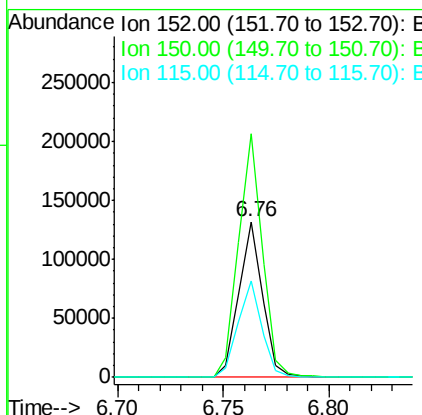
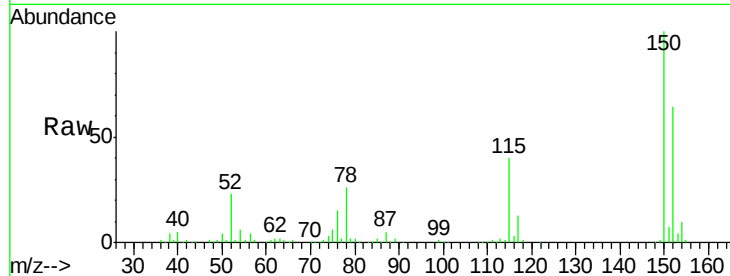


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

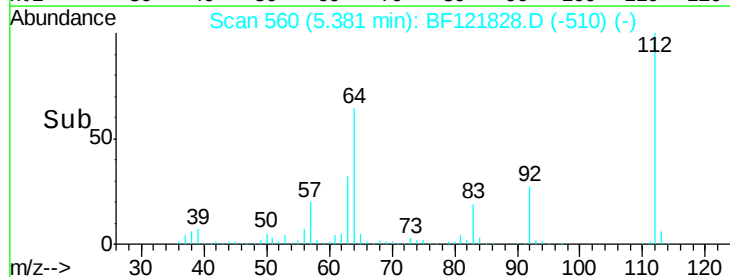
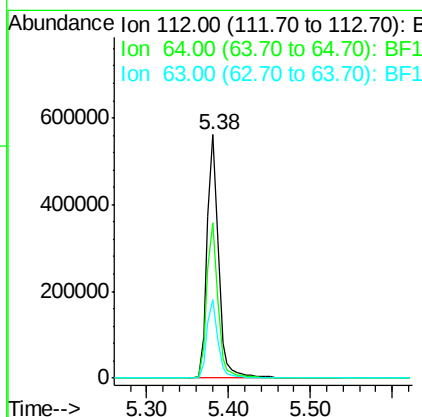
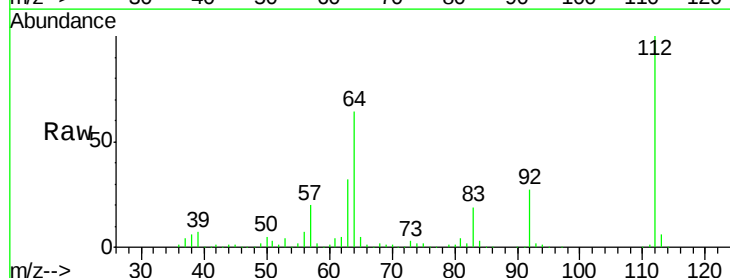
Tot Ion:152 Resp: 101805
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 61.9 51.9 77.9

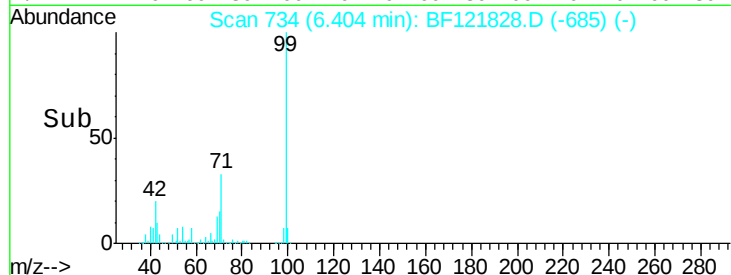
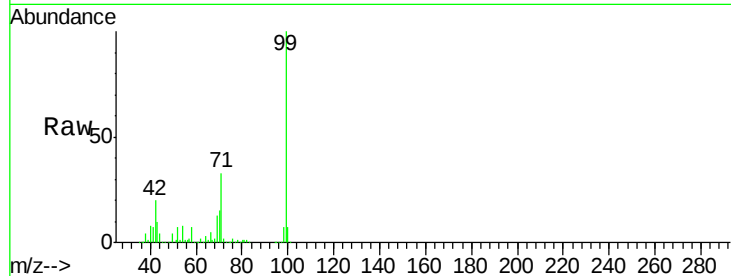
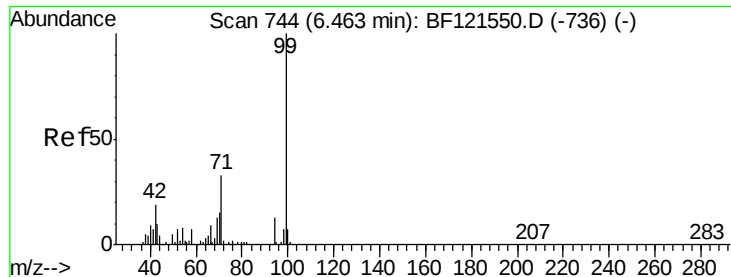


#5

2-Fluorophenol
 Concen: 79.871 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Tgt Ion:112 Resp: 547143
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.4 75.6
 63 32.5 25.8 38.6





#7

Phenol-d6

Concen: 76.151 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

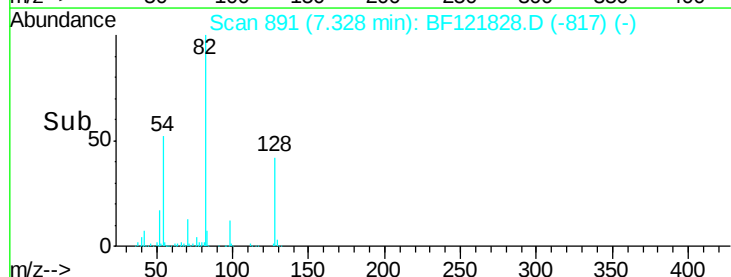
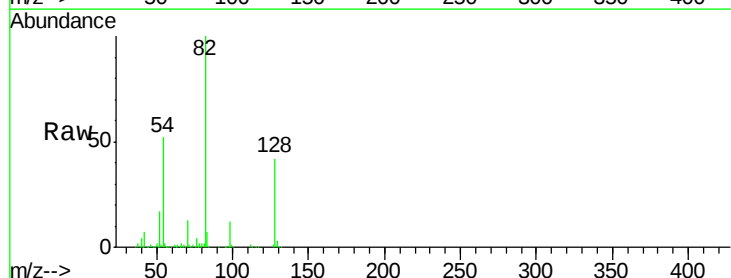
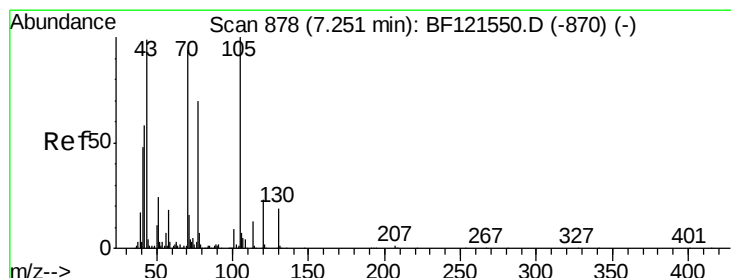
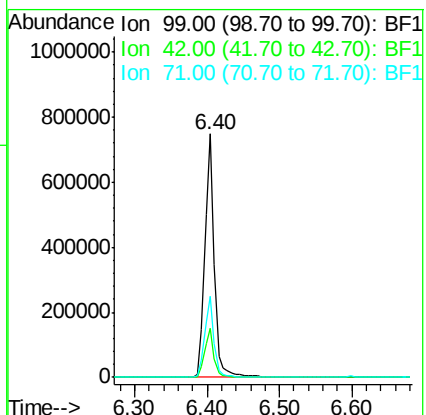
Tot Ion: 99 Resp: 684388

Ion Ratio Lower Upper

99 100

42 20.0 15.9 23.9

71 33.4 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.430 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Tgt Ion: 70 Resp: 59205

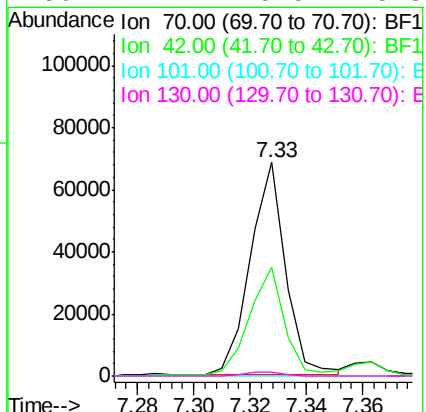
Ion Ratio Lower Upper

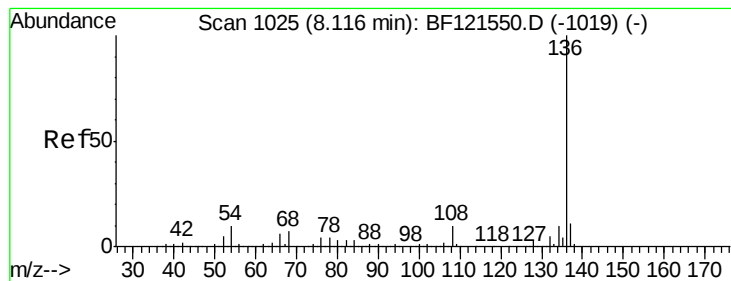
70 100

42 51.1 50.2 75.4

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

Tot Ion:136 Resp: 382014

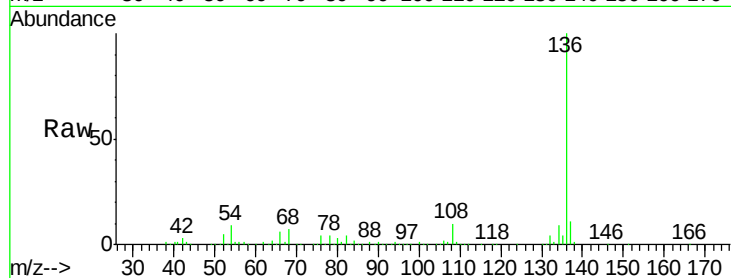
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.3 7.1 10.7

68 6.8 5.0 7.4

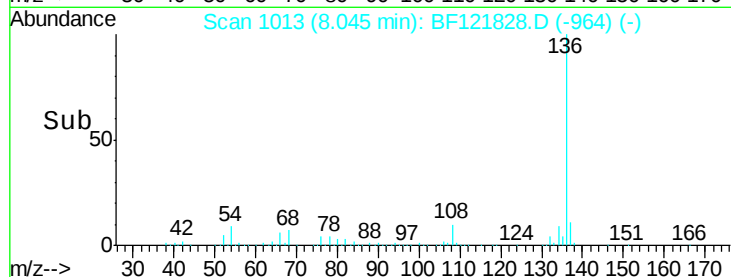


Abundance Ion 136.00 (135.70 to 136.70): E

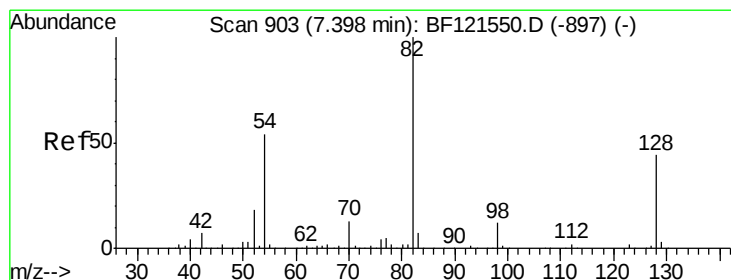
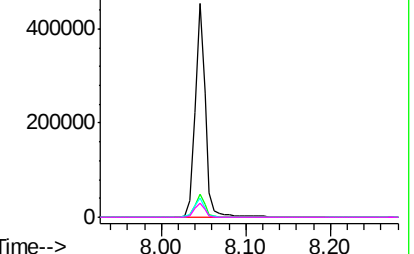
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 64.460 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

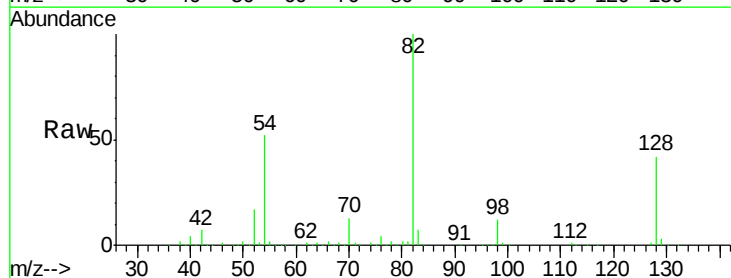
Tgt Ion: 82 Resp: 458631

Ion Ratio Lower Upper

82 100

128 42.1 35.0 52.4

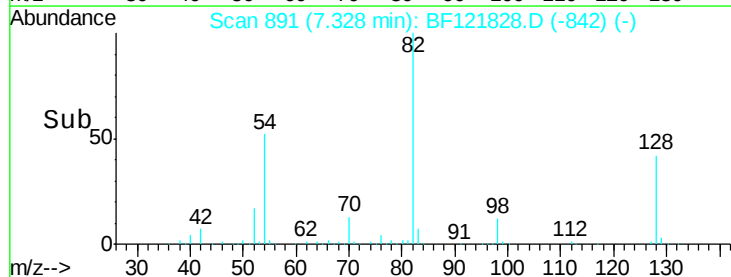
54 52.5 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

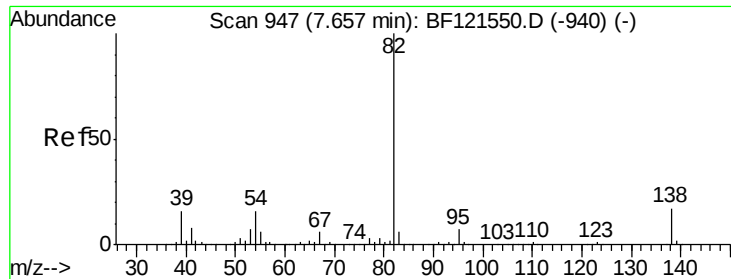
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 32.002 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

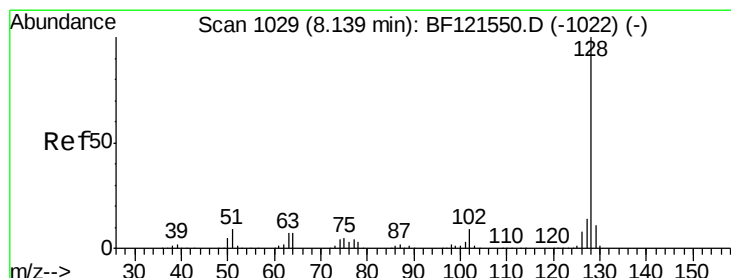
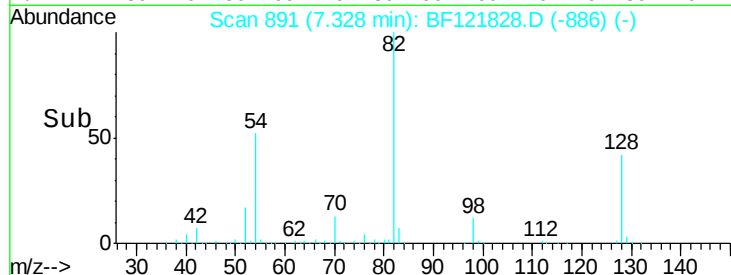
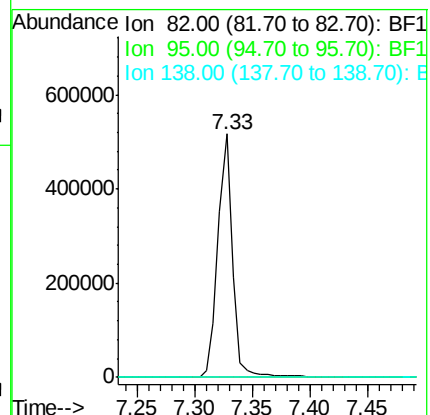
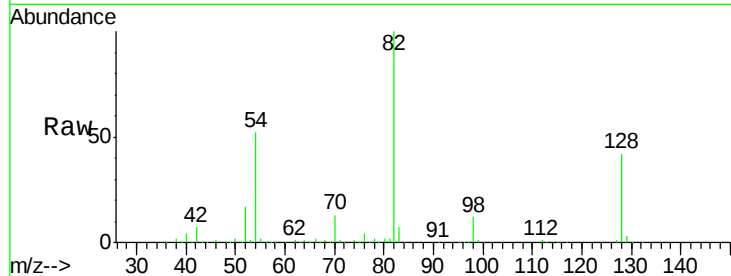
Tot Ion: 82 Resp: 458351

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 13.4 20.0#



#31

Naphthalene

Concen: 8.006 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

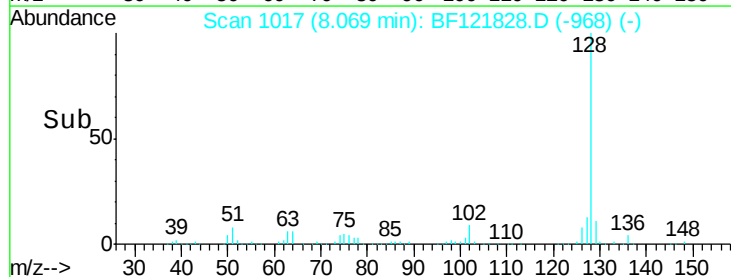
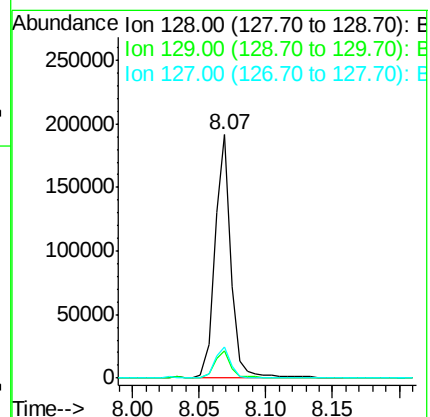
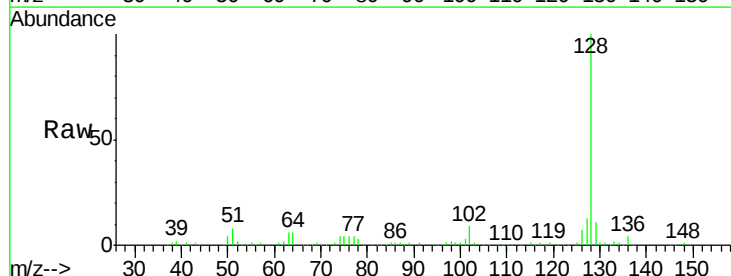
Tgt Ion: 128 Resp: 161456

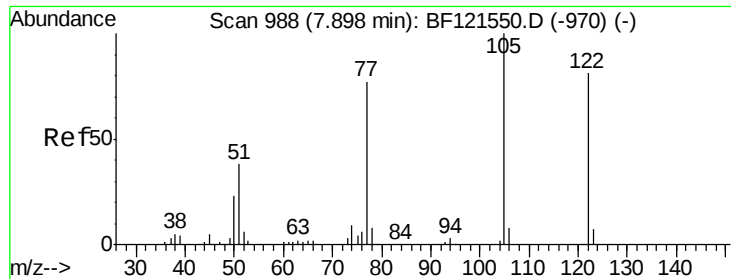
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.7 10.8 16.2





#32

Benzoic acid

Concen: 7.322 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

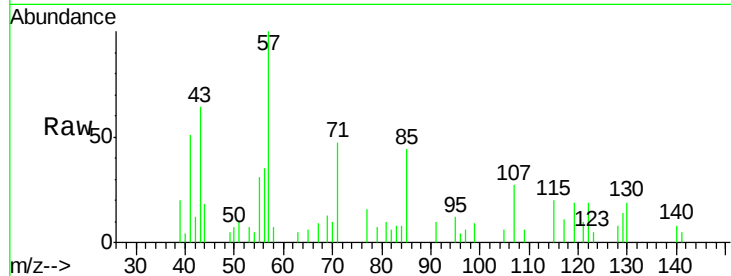
Tot Ion:122 Resp: 2154

Ion Ratio Lower Upper

122 100

105 33.8 103.3 143.3#

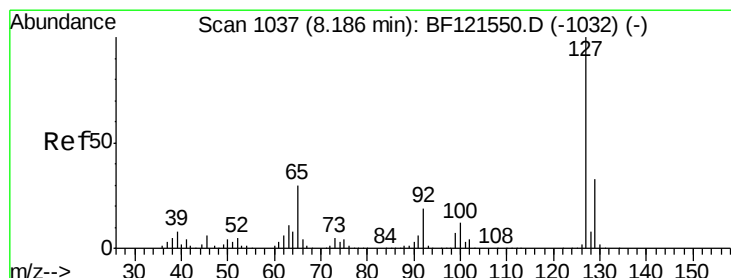
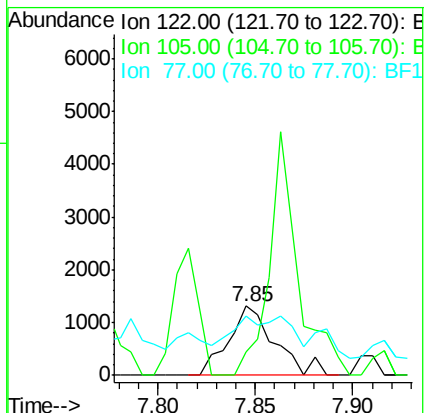
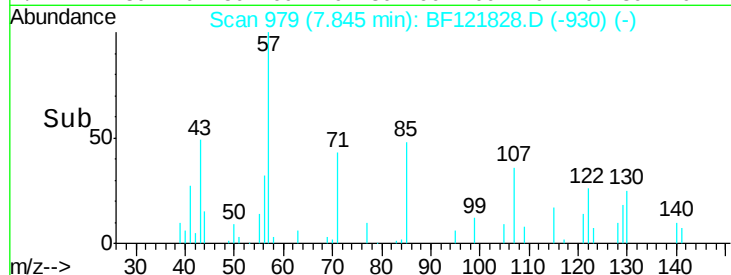
77 85.1 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 2.382 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.06 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Tgt Ion:127 Resp: 20819

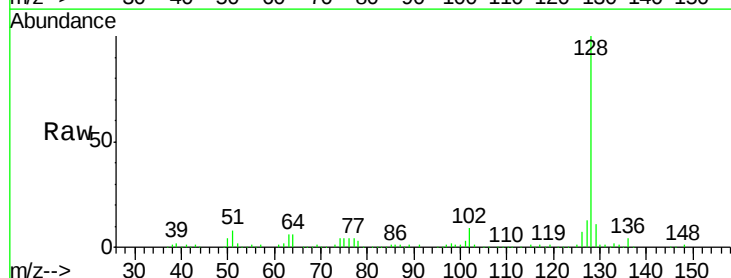
Ion Ratio Lower Upper

127 100

129 88.0 26.3 39.5#

65 0.0 26.2 39.2#

92 0.0 15.9 23.9#

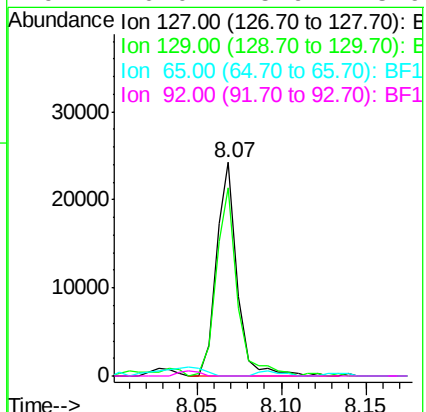
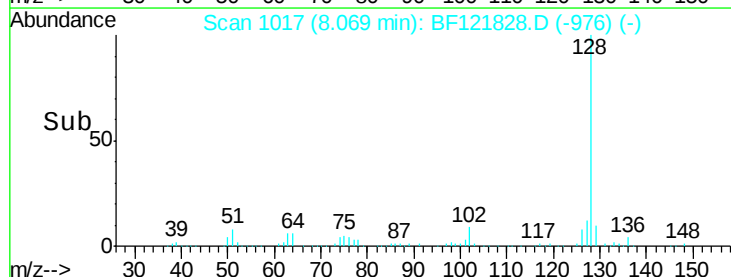


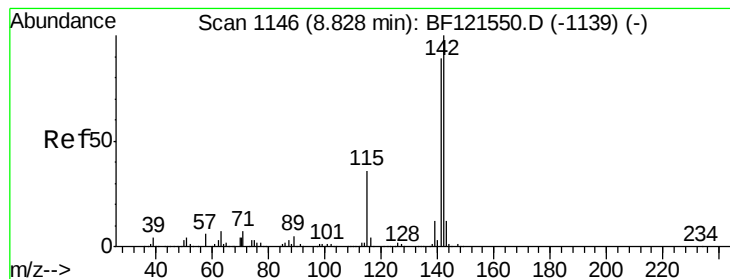
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 4.578 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

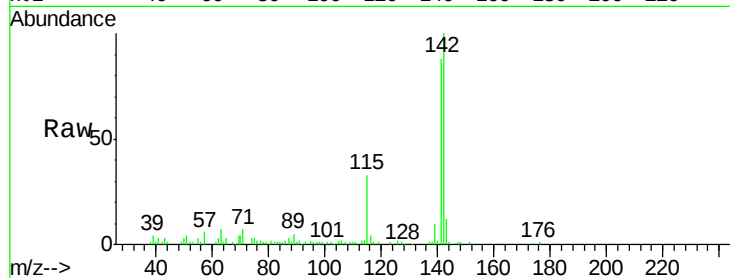
Tot Ion:142 Resp: 60502

Ion Ratio Lower Upper

142 100

141 87.8 70.2 105.4

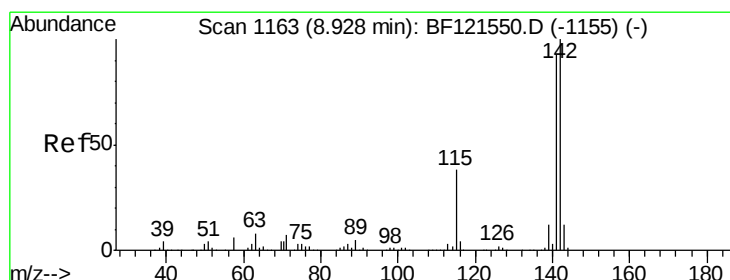
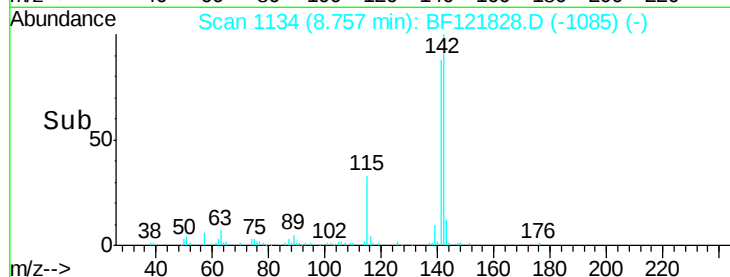
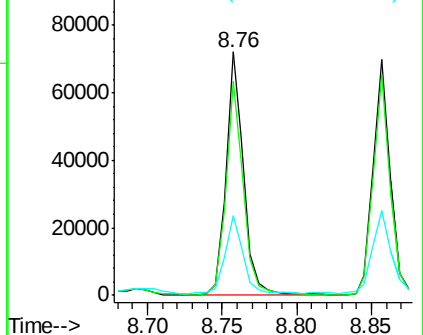
115 32.8 28.6 43.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 4.546 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

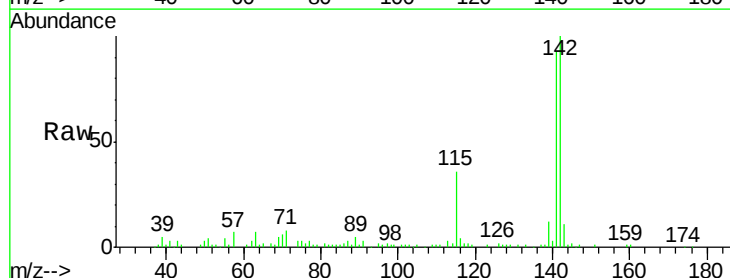
Tgt Ion:142 Resp: 55918

Ion Ratio Lower Upper

142 100

141 93.3 74.5 111.7

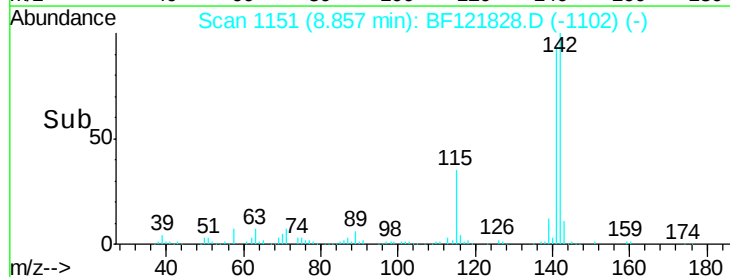
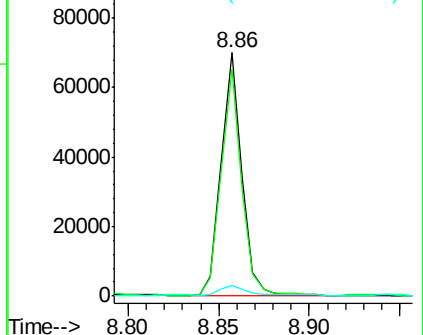
116 4.3 3.2 4.8

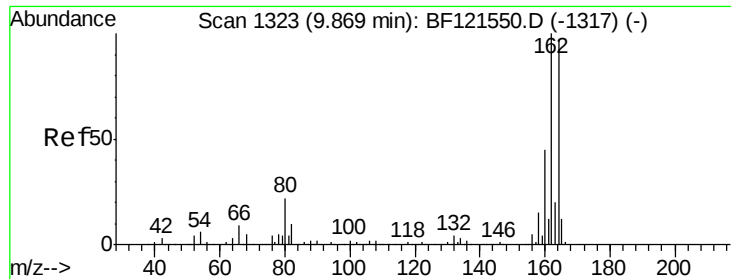


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

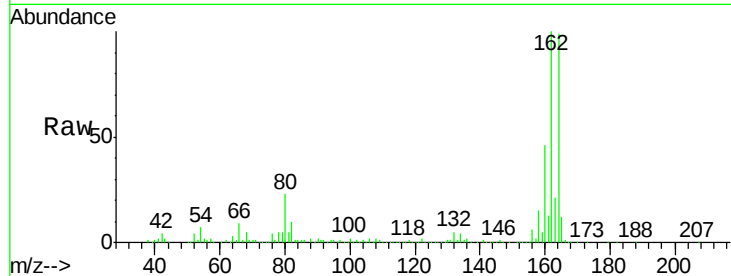




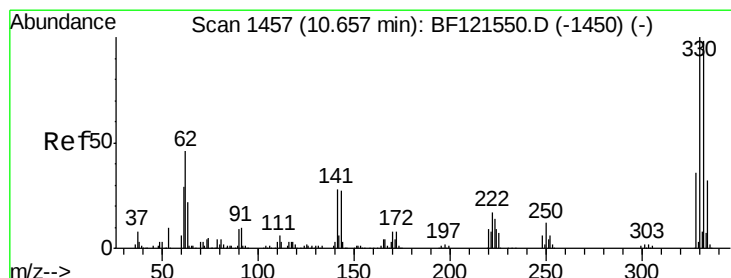
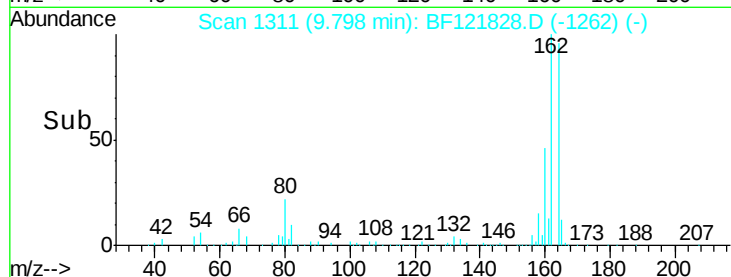
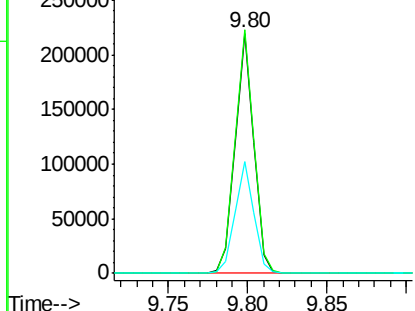
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.2	124.8
160	46.4	37.5	56.3

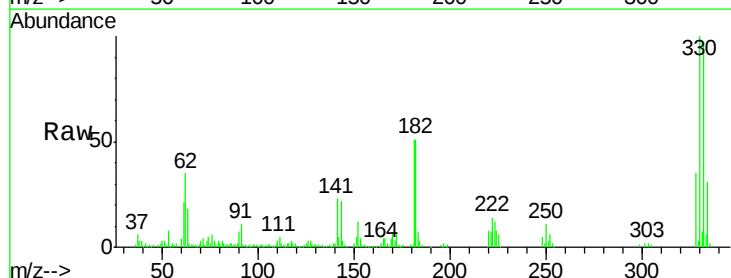


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

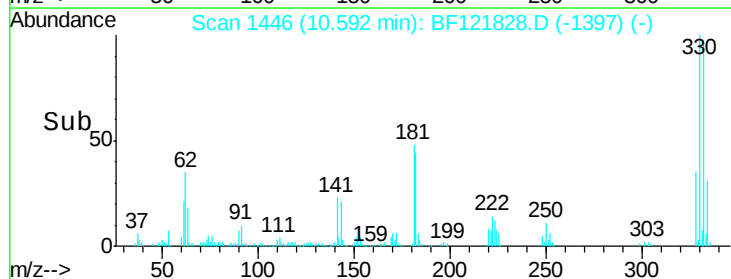
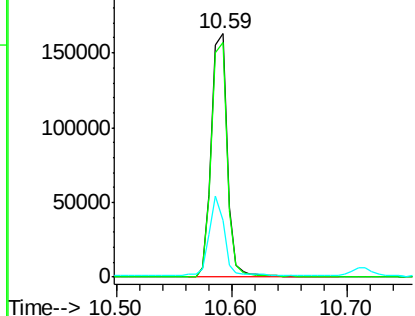


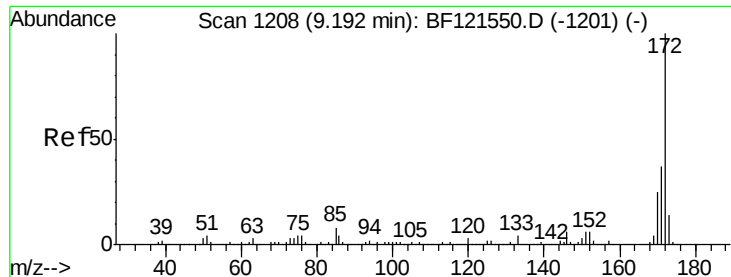
#42
 2,4,6-Tribromophenol
 Concen: 70.259 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	31.4	22.3	33.5



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

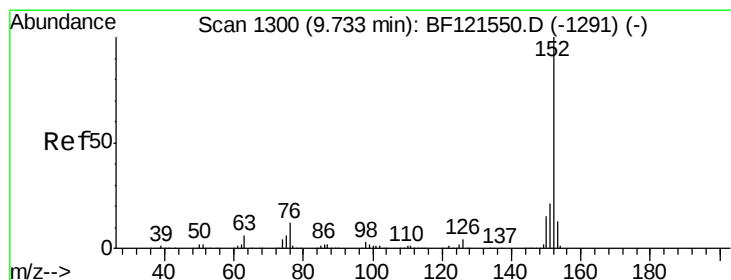
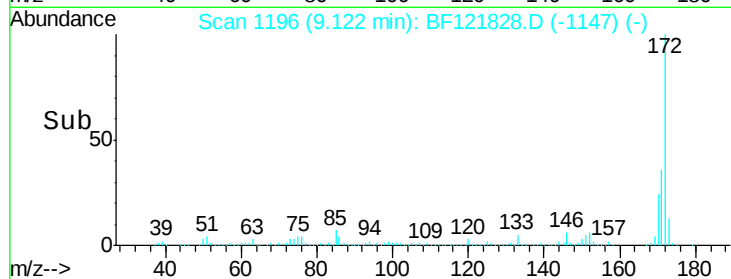
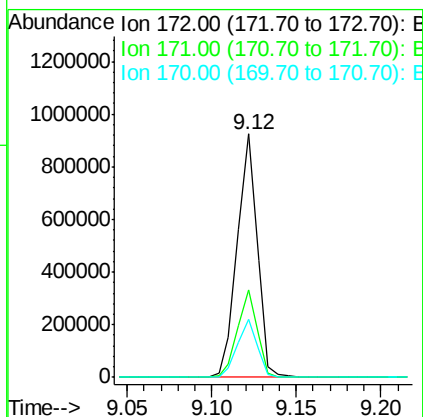
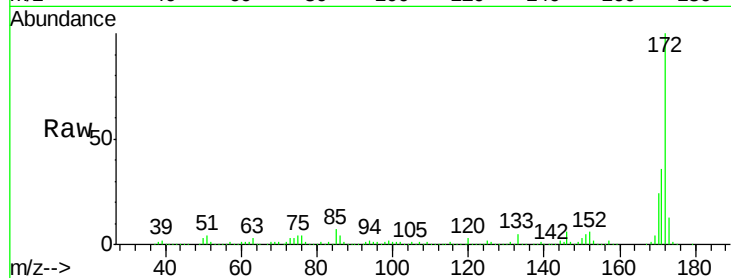




#45
2-Fluorobiphenyl
Concen: 63.670 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

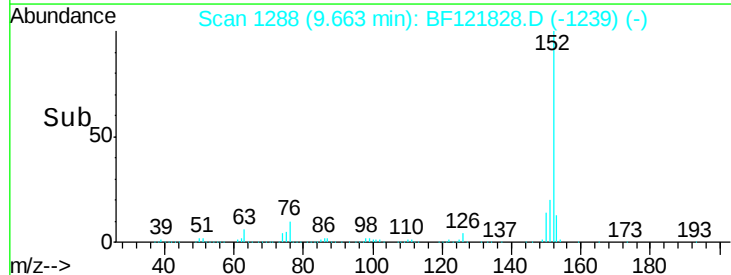
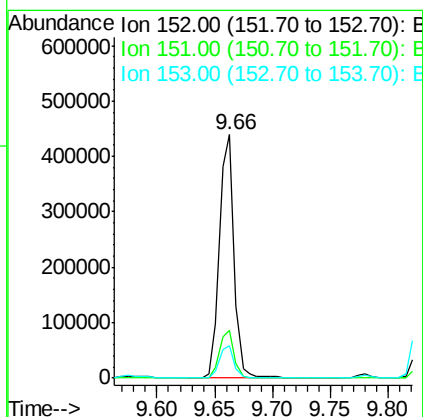
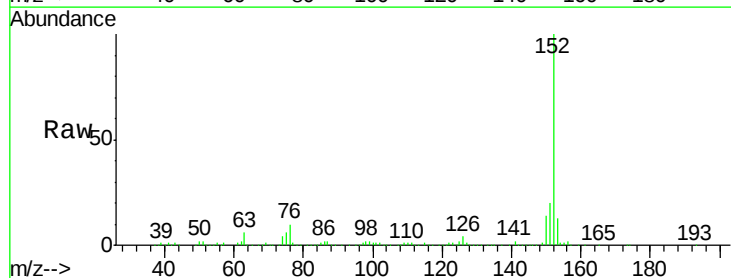
Instrument :
BNA_F
ClientSampleId :
B-18(5-7)

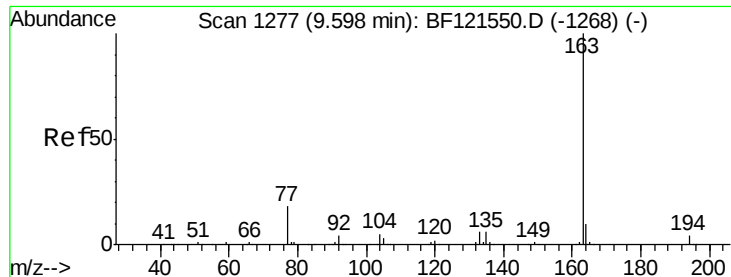
Tot Ion:172 Resp: 762195
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.9 19.8 29.6



#49
Acenaphthylene
Concen: 22.182 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Tgt Ion:152 Resp: 389825
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.2 10.6 15.8

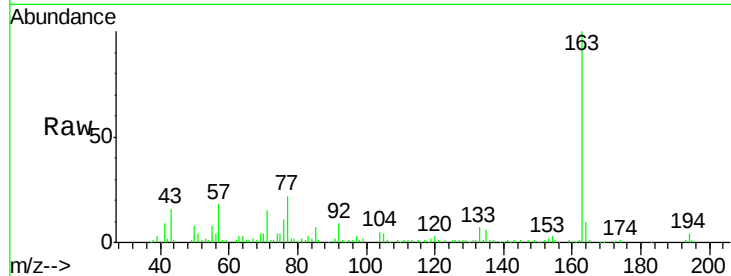




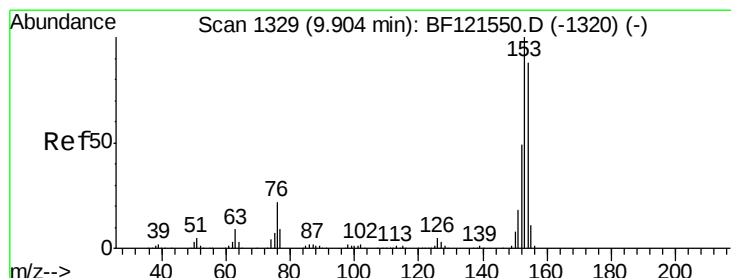
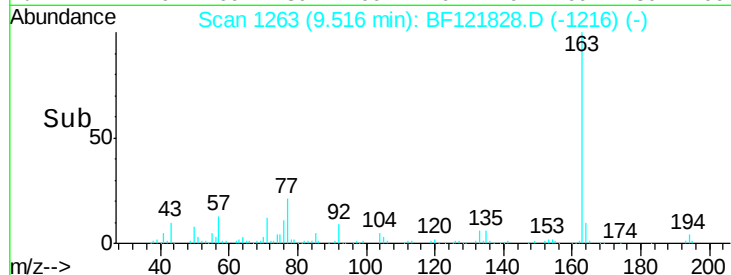
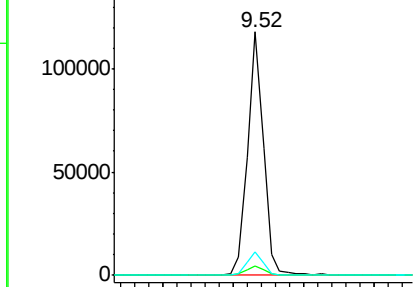
#50
Dimethylphthalate
Concen: 7.081 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Instrument :
BNA_F
ClientSampleId :
B-18(5-7)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.8	8.2	12.4

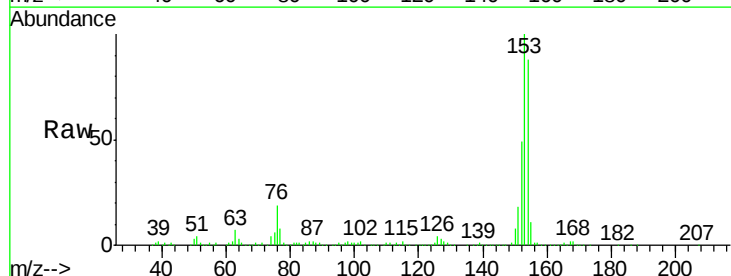


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

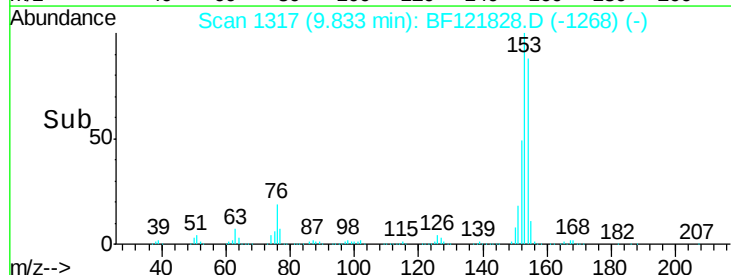
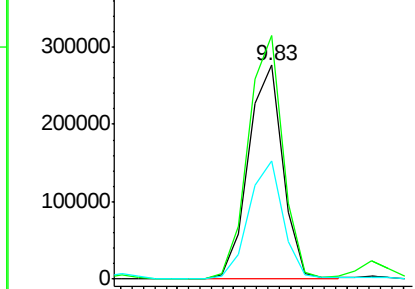


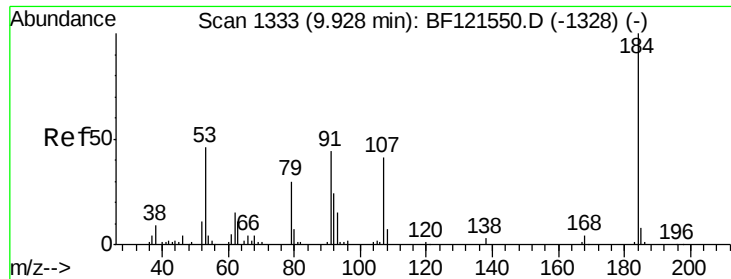
#52
Acenaphthene
Concen: 20.981 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.8	134.8
152	55.4	43.2	64.8



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





#54

2,4-Dinitrophenol

Concen: 9.230 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.21 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

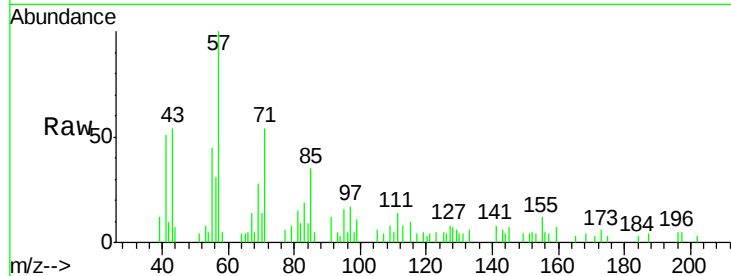
Tot Ion:184 Resp: 332

Ion Ratio Lower Upper

184 100

63 0.0 45.9 68.9#

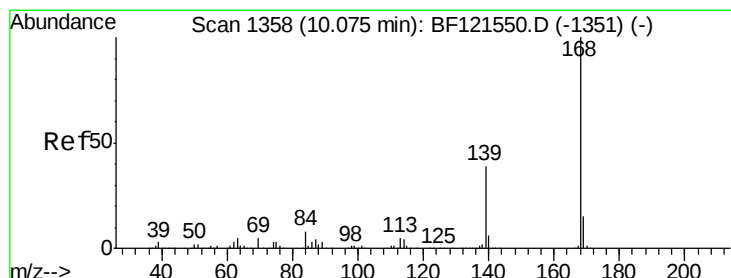
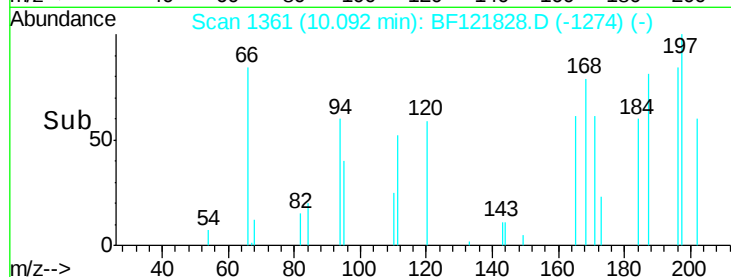
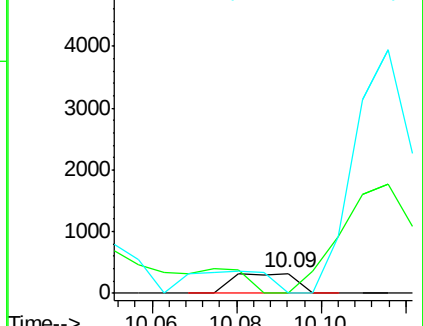
154 0.0 45.8 68.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 13.109 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

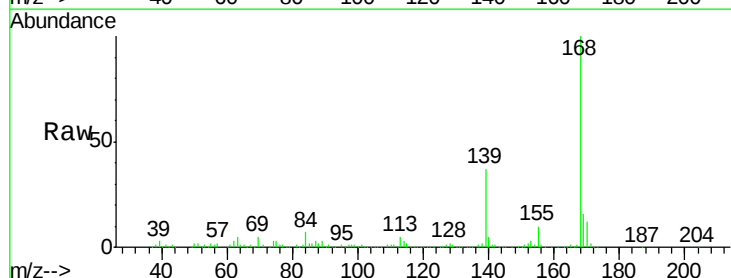
Tgt Ion:168 Resp: 204919

Ion Ratio Lower Upper

168 100

139 37.5 31.0 46.6

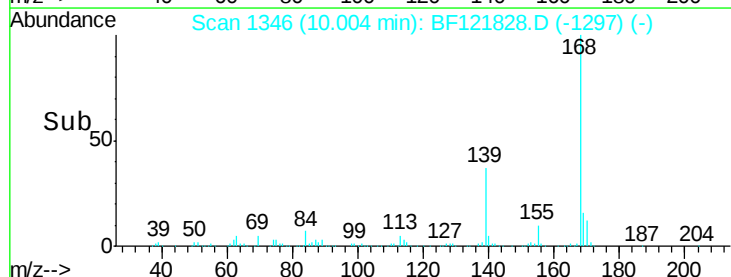
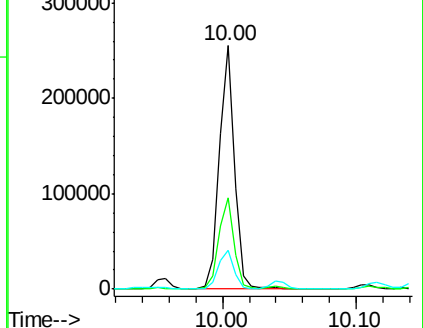
169 15.8 11.3 16.9

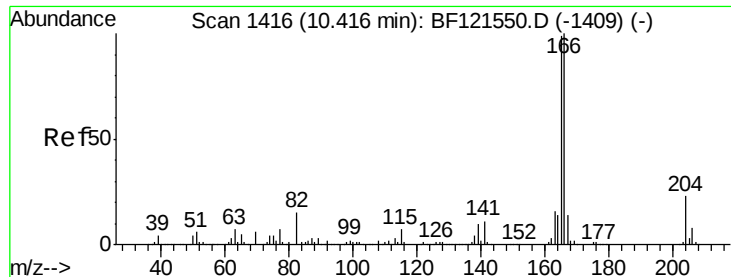


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 26.353 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

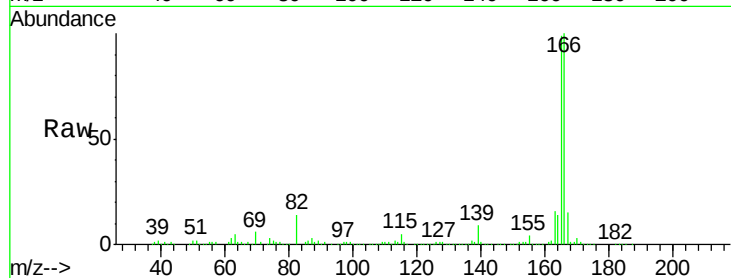
Tot Ion:166 Resp: 315027

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

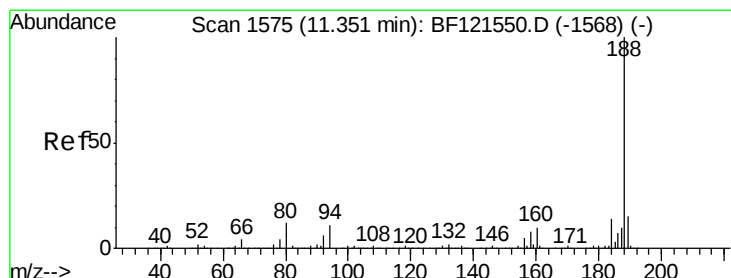
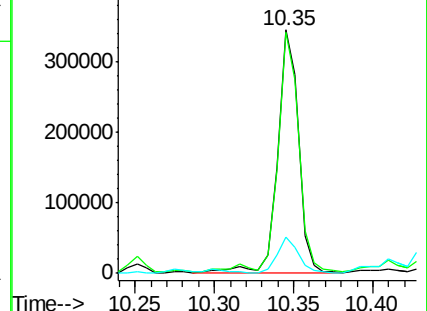
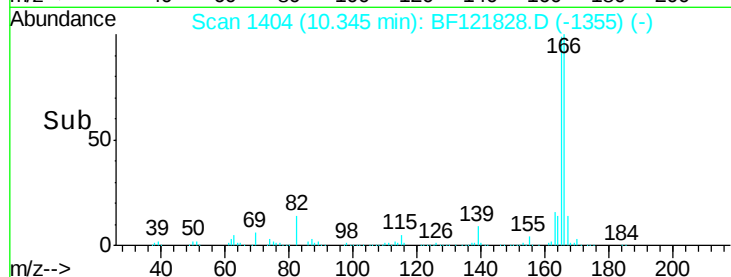
167 14.6 11.0 16.6



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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

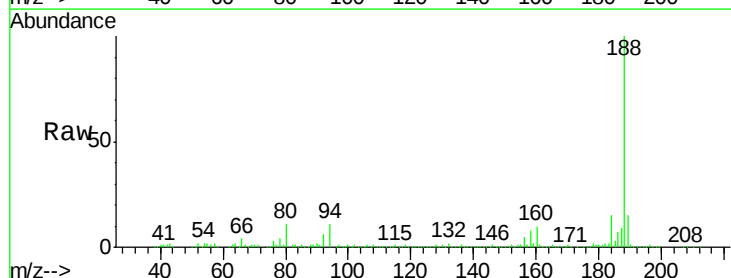
Tgt Ion:188 Resp: 290583

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

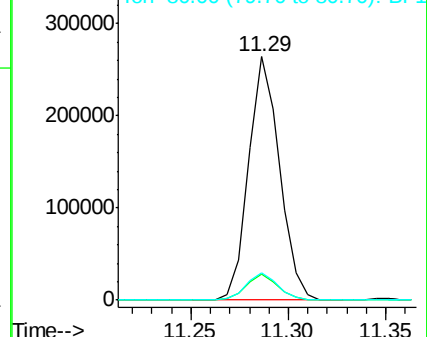
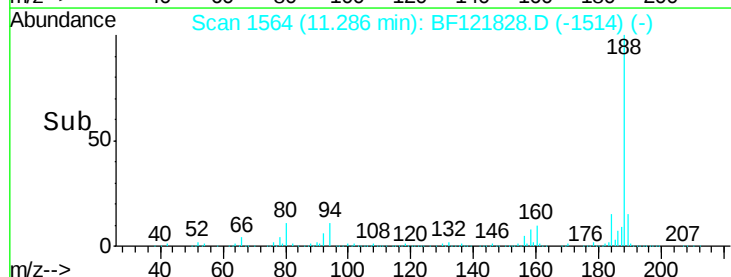
80 11.3 9.1 13.7

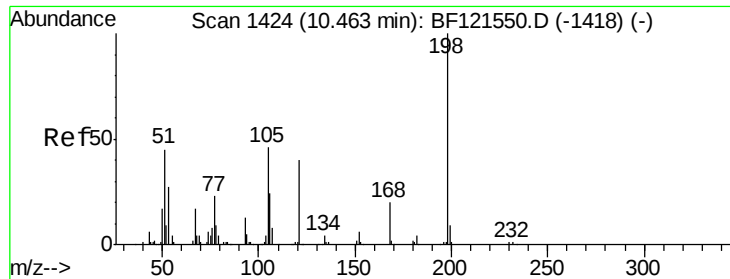


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

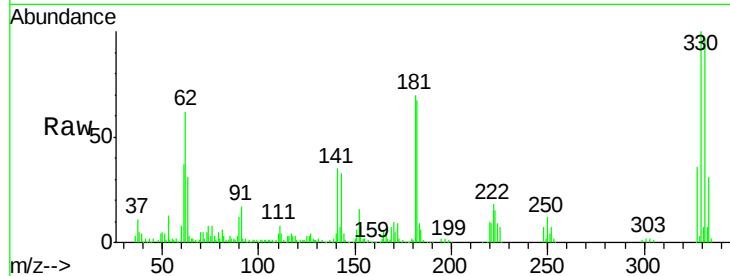




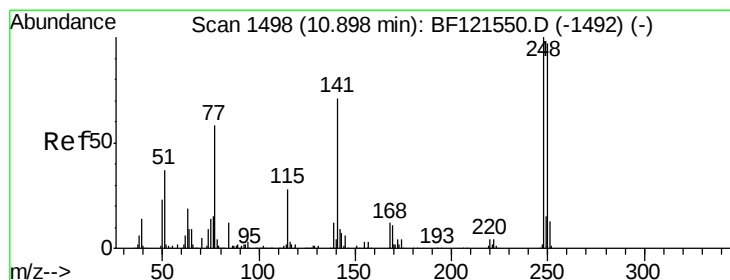
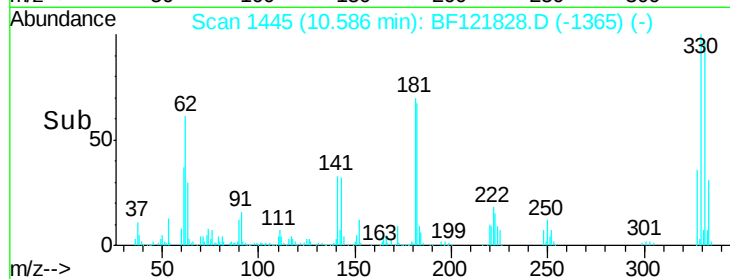
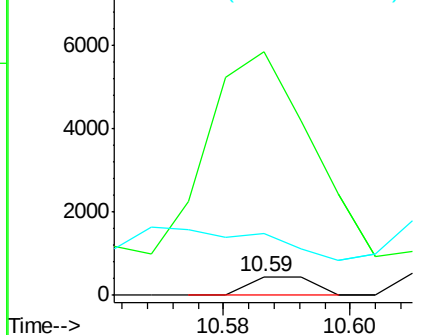
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.002 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.17 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

Tot Ion:198 Resp: 312
 Ion Ratio Lower Upper
 198 100
 51 1282.9 29.6 69.6#
 105 328.6 24.4 64.4#

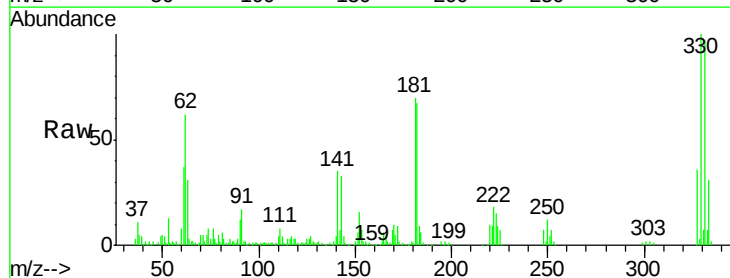


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

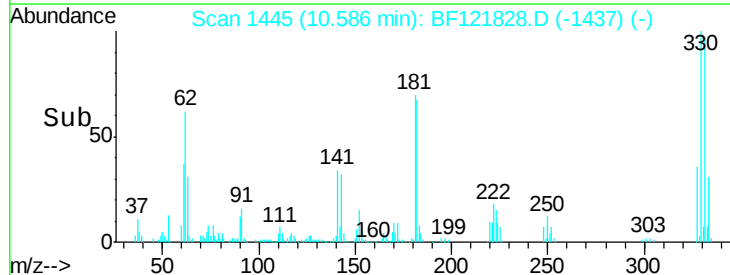
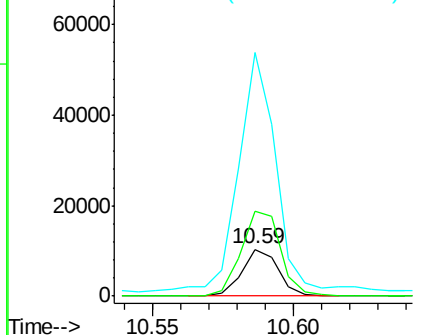


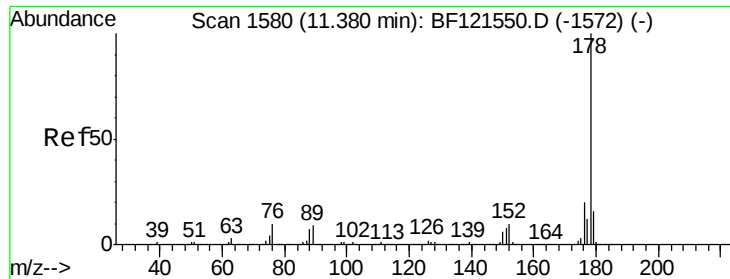
#67
 4-Bromophenyl-phenylether
 Concen: 2.829 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Tgt Ion:248 Resp: 9361
 Ion Ratio Lower Upper
 248 100
 250 179.9 77.0 115.6#
 141 516.8 53.7 80.5#



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

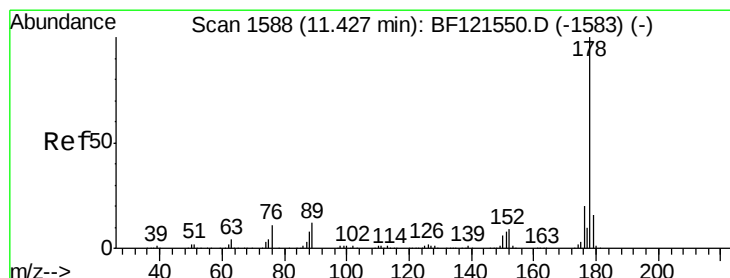
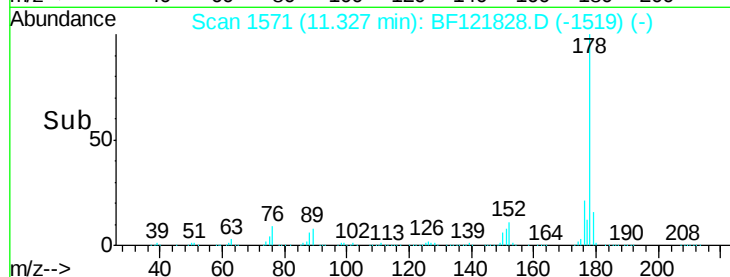
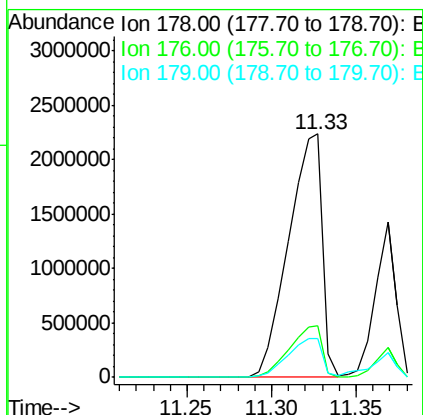
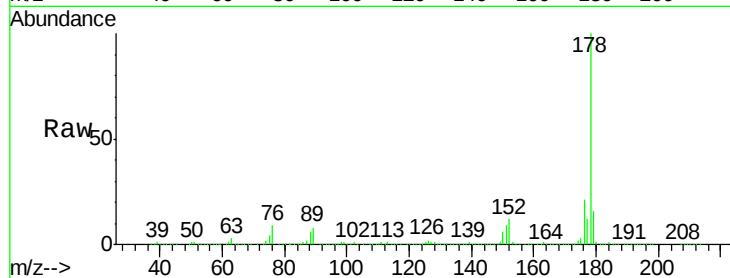




#71
Phenanthrene
Concen: 194.927 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

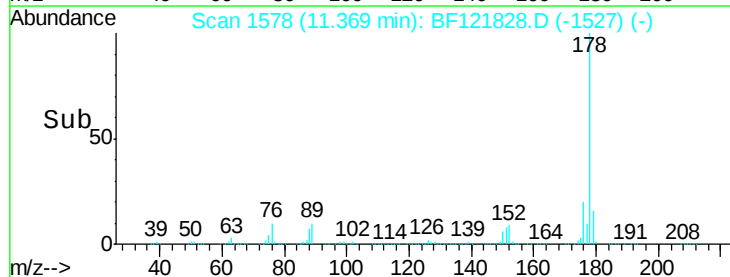
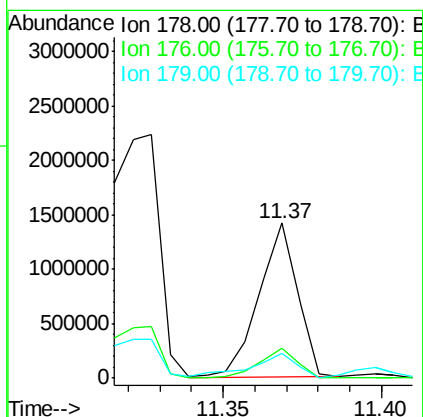
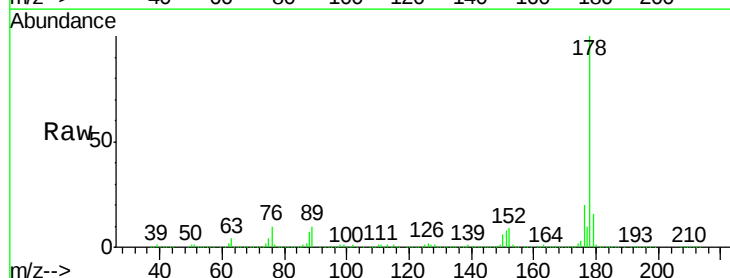
Instrument :
BNA_F
ClientSampleId :
B-18(5-7)

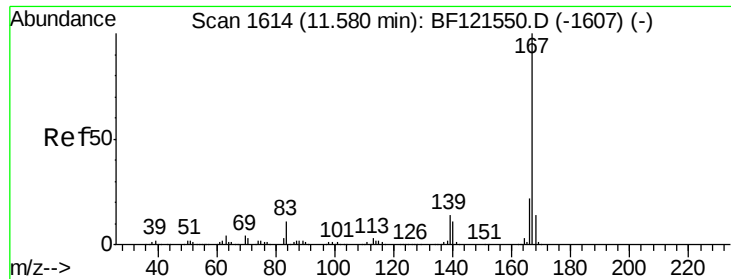
Tot Ion:178 Resp: 3086116
Ion Ratio Lower Upper
178 100
176 21.2 15.9 23.9
179 16.1 12.2 18.4



#72
Anthracene
Concen: 73.091 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Tgt Ion:178 Resp: 1194166
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.7 19.1

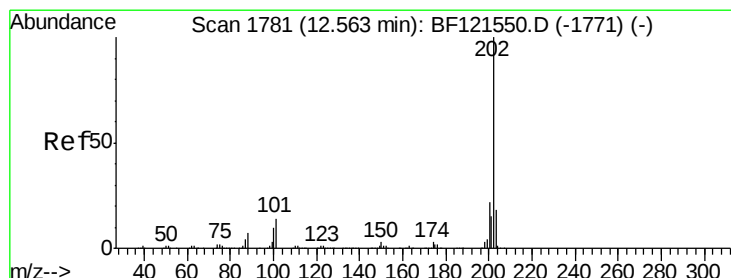
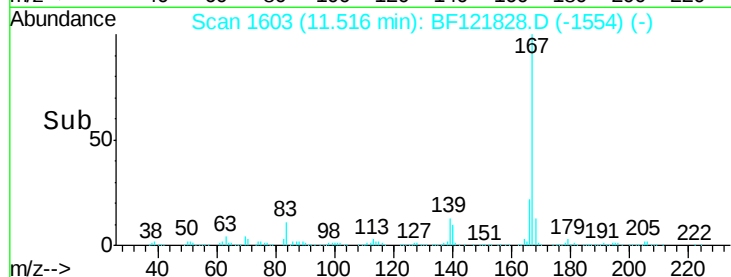
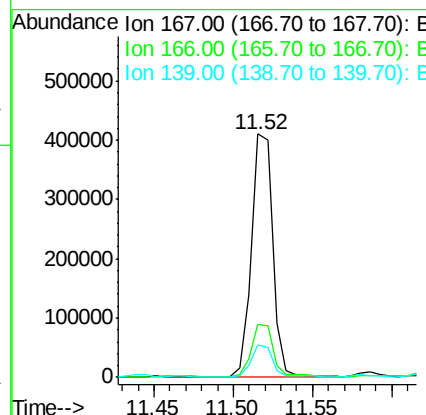
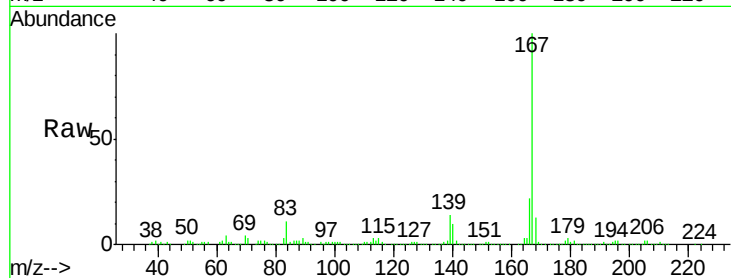




#73
 Carbazole
 Concen: 25.757 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

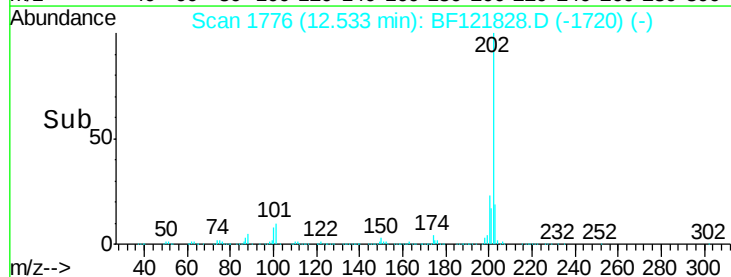
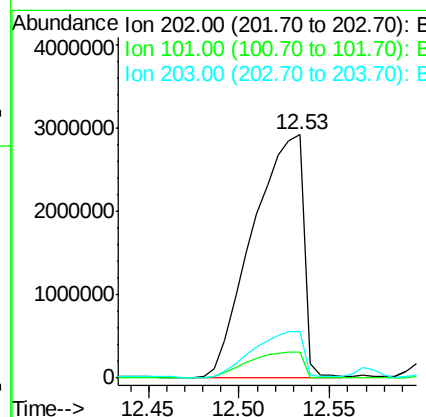
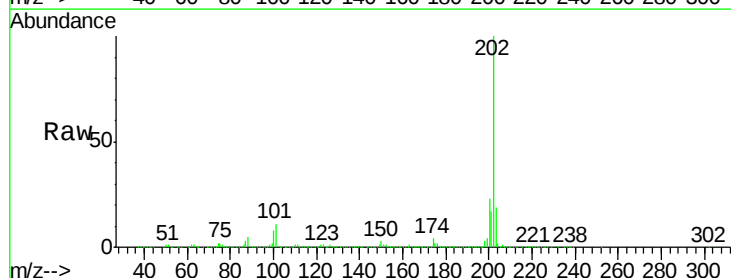
Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

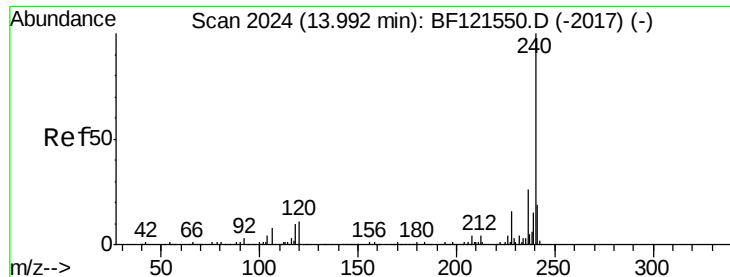
Tot Ion:167 Resp: 379753
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.5 10.8 16.2



#75
 Fluoranthene
 Concen: 334.147 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.03 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Tgt Ion:202 Resp: 5647316
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 33.4
 203 19.1 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.02 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

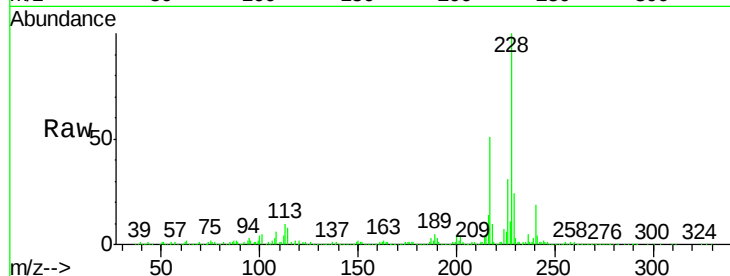
Tot Ion:240 Resp: 194651

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

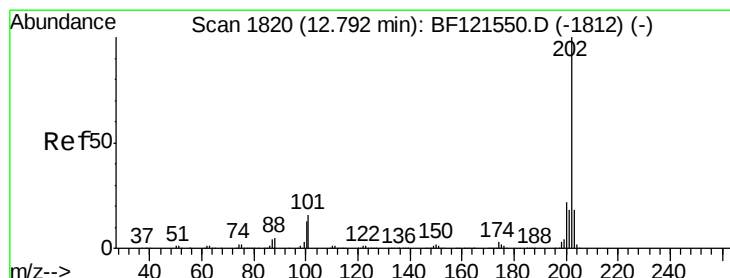
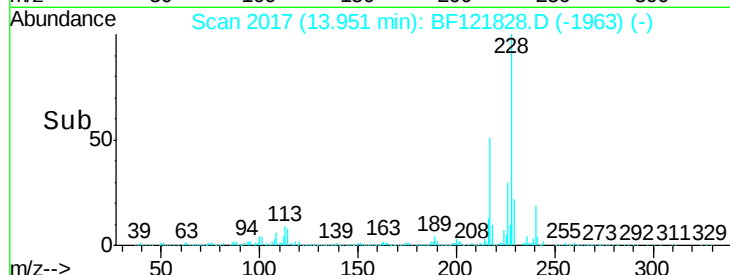
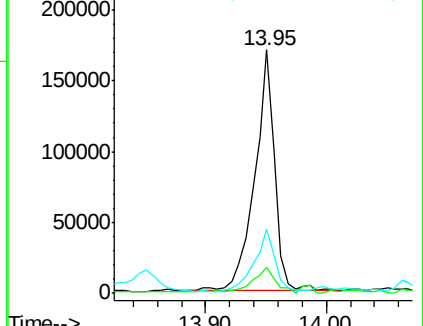
236 26.4 20.9 31.3



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

Pyrene

Concen: 348.246 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

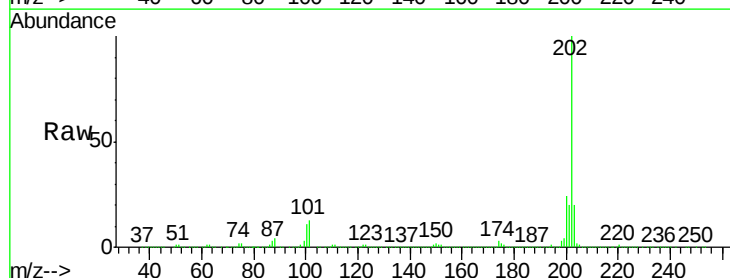
Tgt Ion:202 Resp: 4952681

Ion Ratio Lower Upper

202 100

200 23.7 17.4 26.2

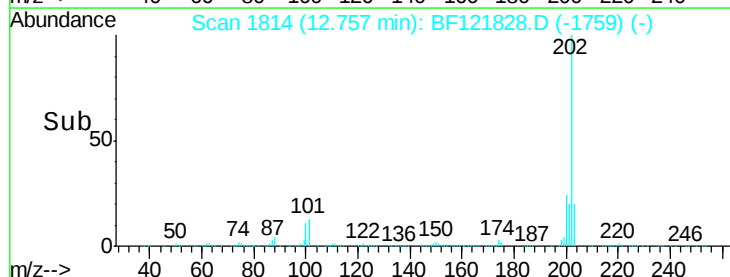
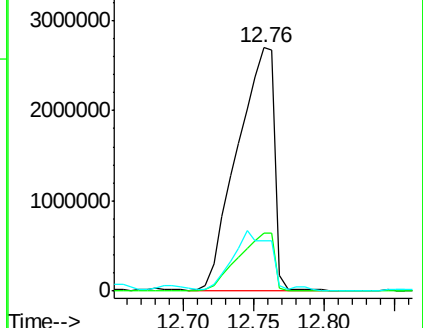
203 20.5 14.6 21.8

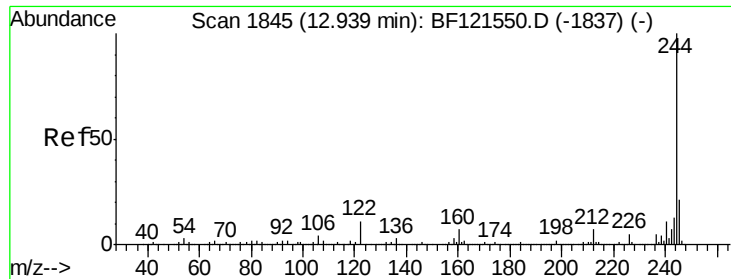


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.875 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B-18(5-7)

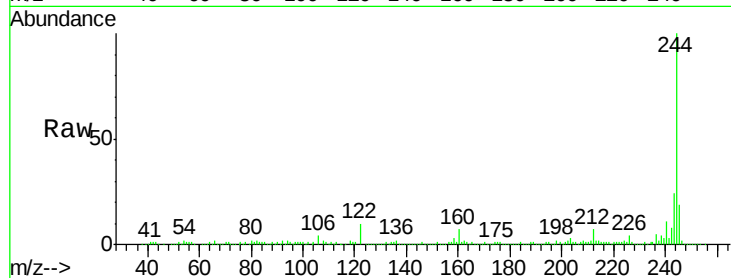
Tot Ion:244 Resp: 632936

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

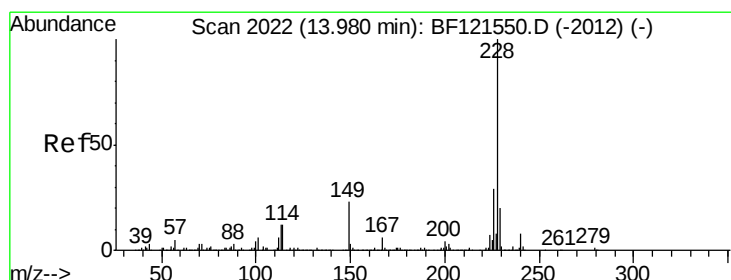
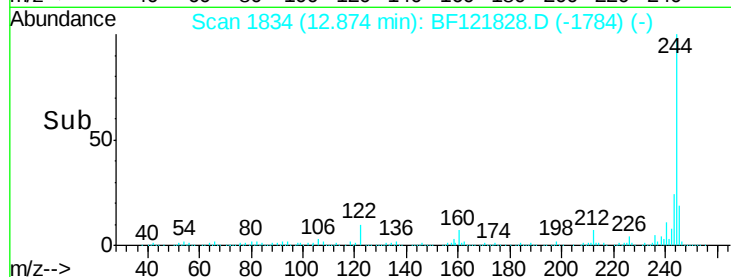
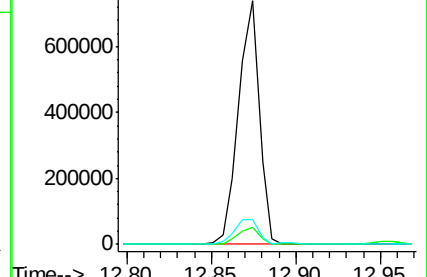
122 10.3 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 313.408 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BF121828.D

Acq: 5 Oct 2020 20:51

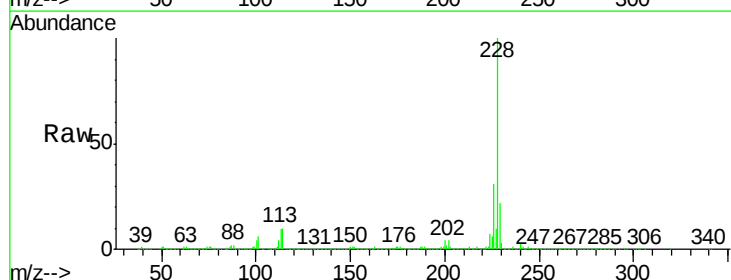
Tgt Ion:228 Resp: 3859493

Ion Ratio Lower Upper

228 100

226 30.9 22.3 33.5

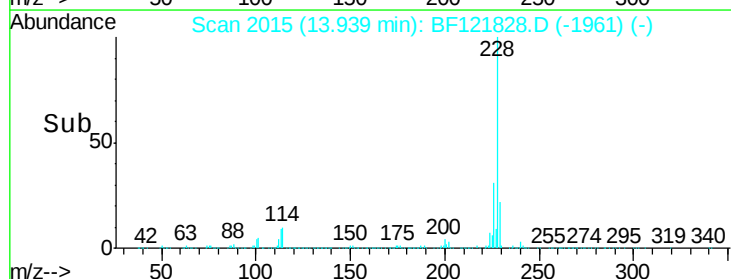
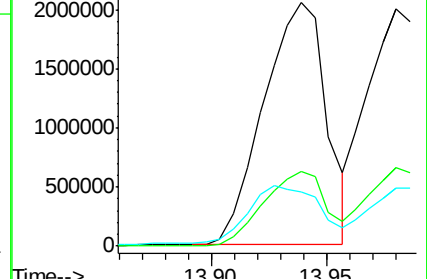
229 22.4 16.2 24.4

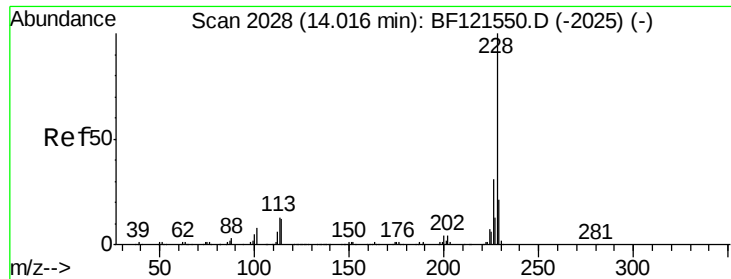


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

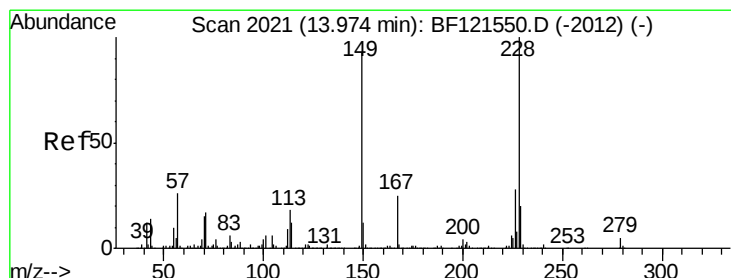
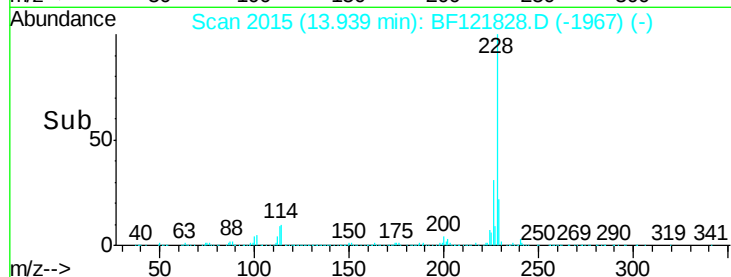
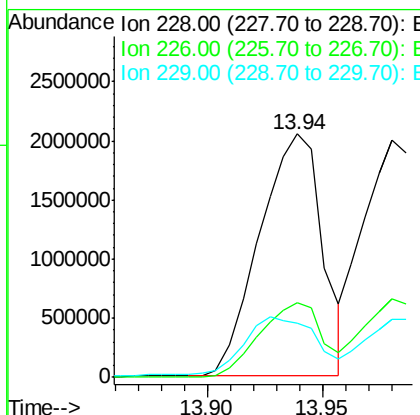
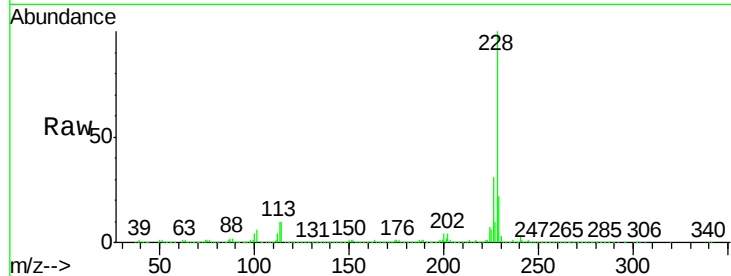




#83
 Chrysene
 Concen: 309.499 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

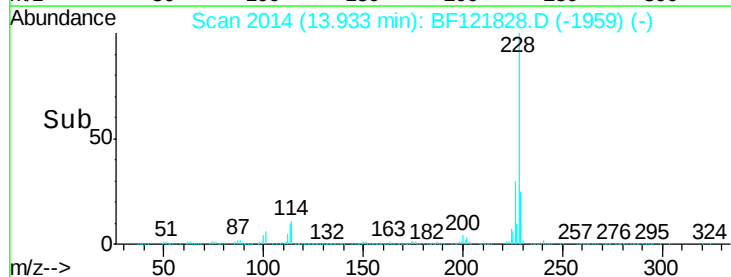
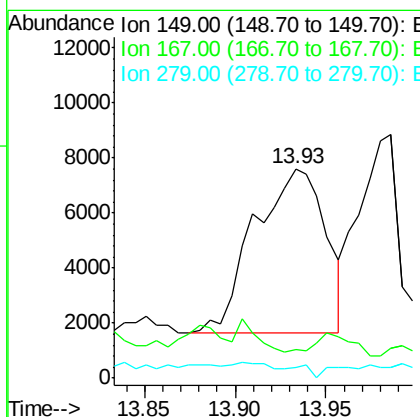
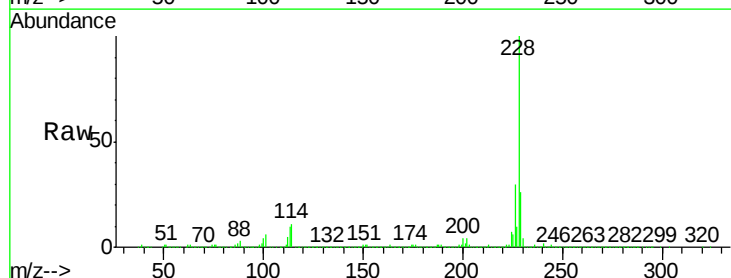
Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

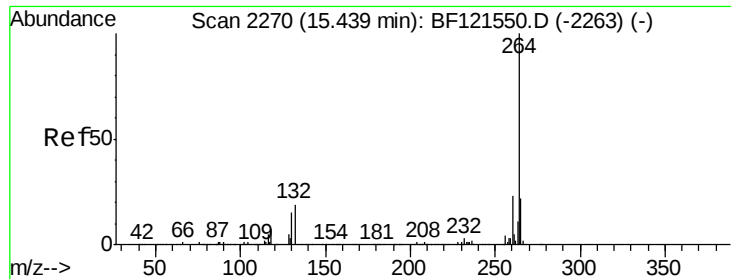
Tot Ion:228 Resp: 3859493
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.6 37.0
 229 22.4 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.136 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.02 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Tgt Ion:149 Resp: 16413
 Ion Ratio Lower Upper
 149 100
 167 13.8 20.9 31.3#
 279 4.8 3.2 4.8#

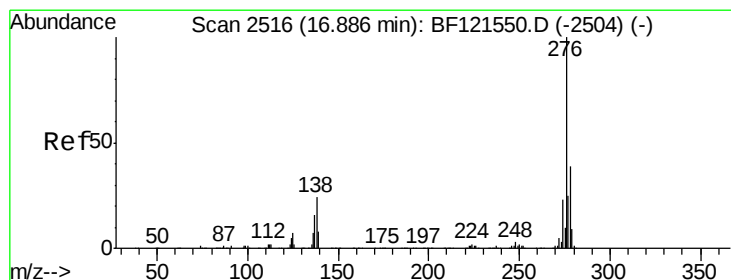
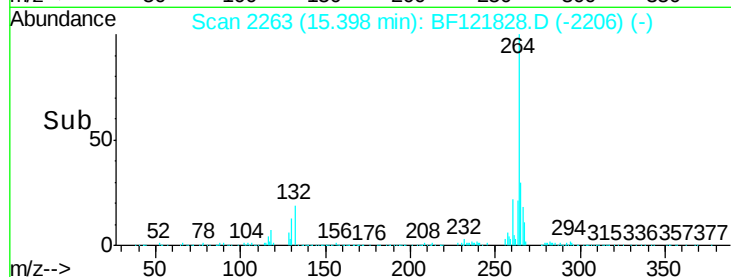
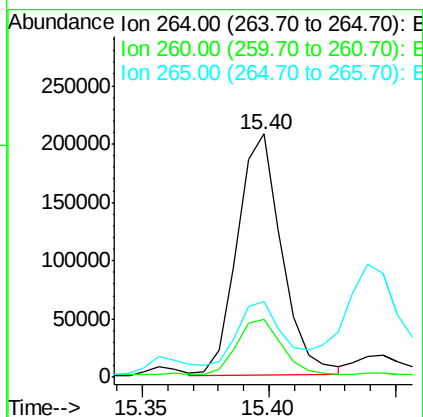
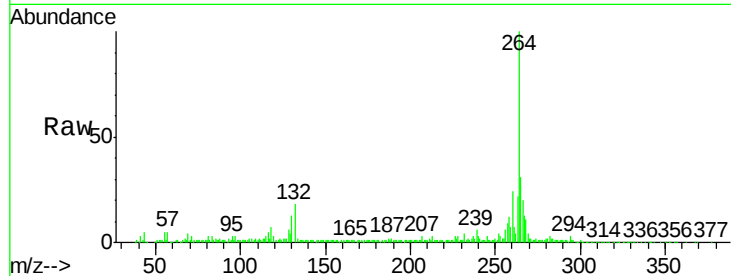




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.04 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

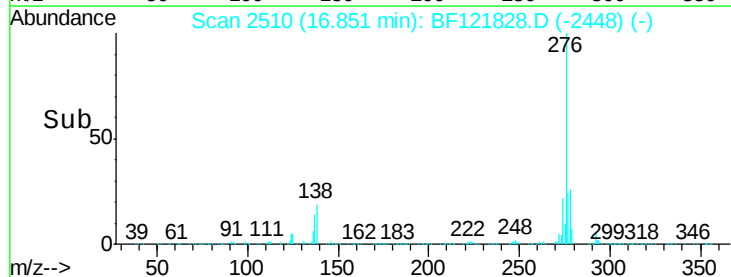
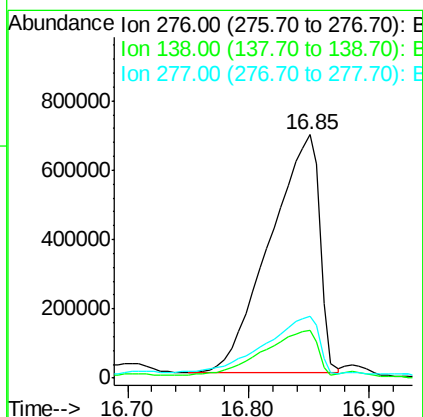
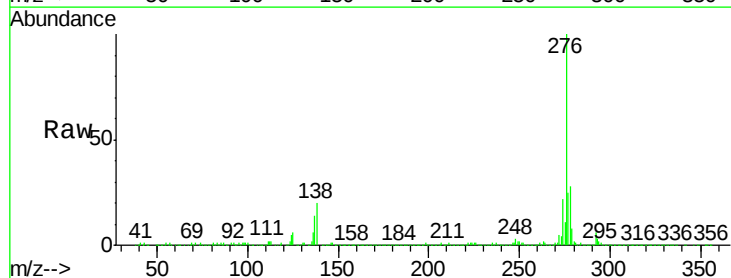
Instrument :
BNA_F
ClientSampled :
B-18(5-7)

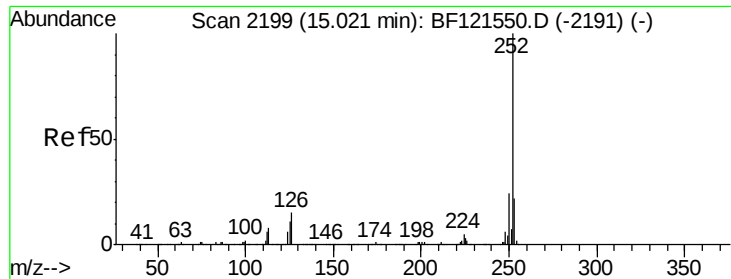
Tot Ion:264 Resp: 252473
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 31.2 17.3 25.9#



#87
Indeno(1,2,3-cd)pyrene
Concen: 118.529 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.06 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Tgt Ion:276 Resp: 1948843
Ion Ratio Lower Upper
276 100
138 22.5 19.9 29.9
277 27.1 20.4 30.6

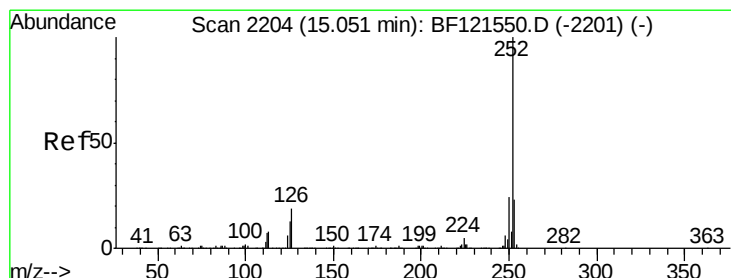
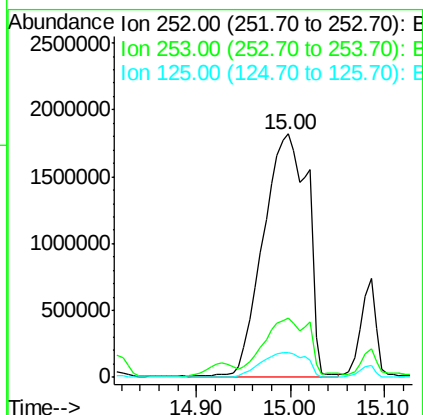
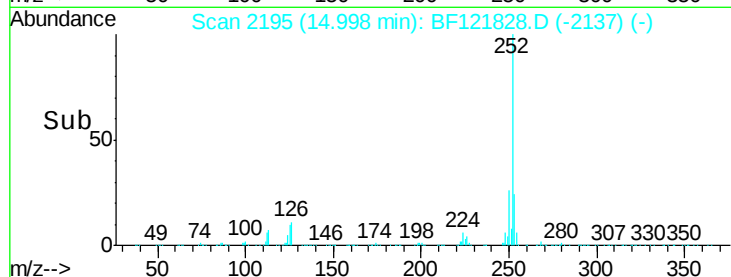
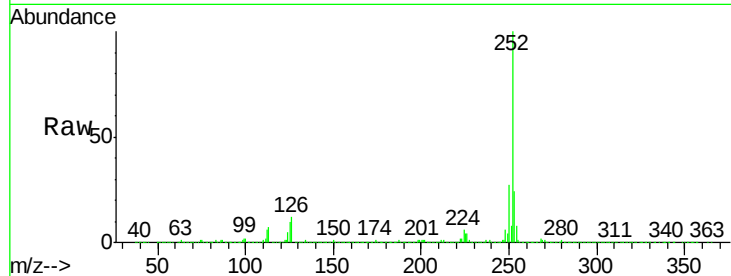




#88
Benzo(b)fluoranthene
Concen: 350.502 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.04 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

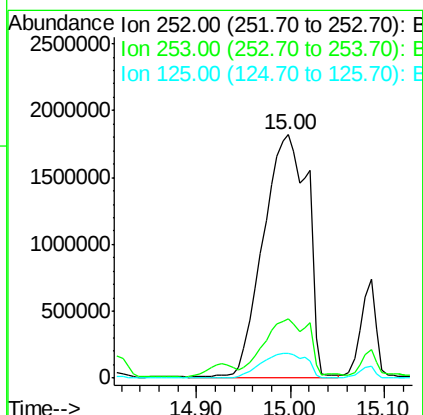
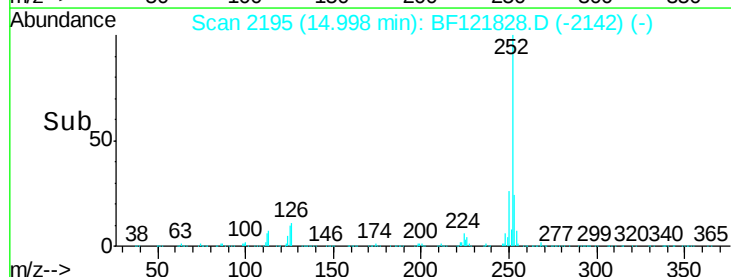
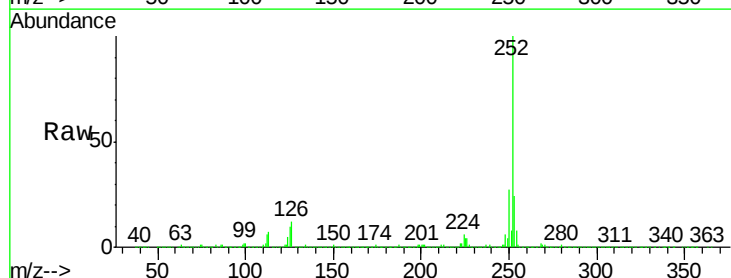
Instrument :
BNA_F
ClientSampleId :
B-18(5-7)

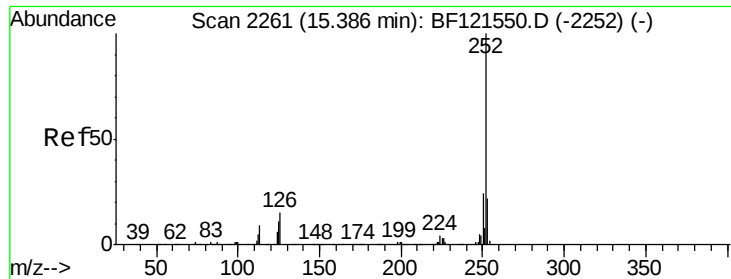
Tot Ion:252 Resp: 5915805
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 10.1 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 382.752 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Tgt Ion:252 Resp: 5915805
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 10.1 7.7 11.5

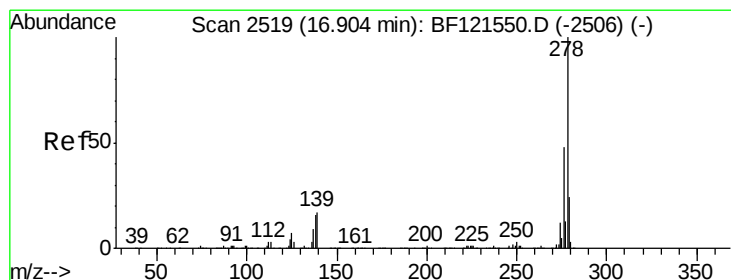
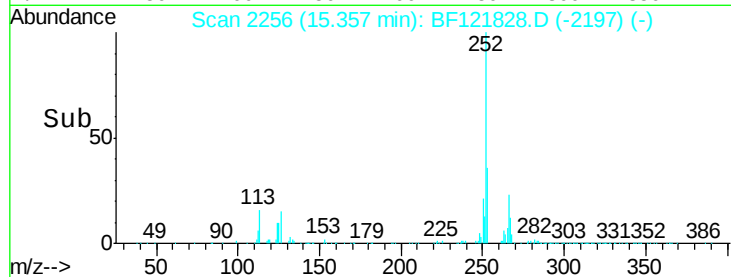
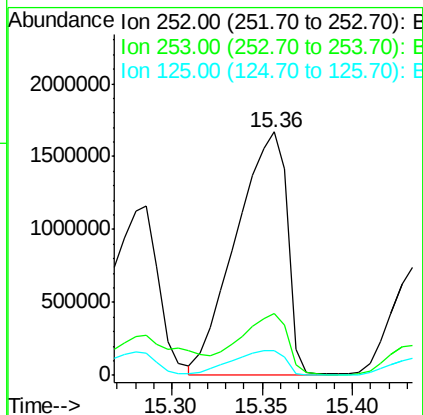
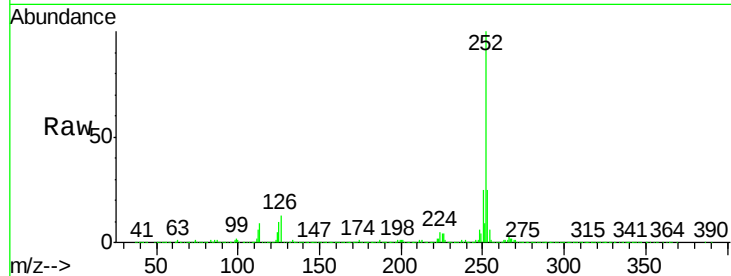




#90
Benzo(a)pyrene
Concen: 225.992 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.05 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

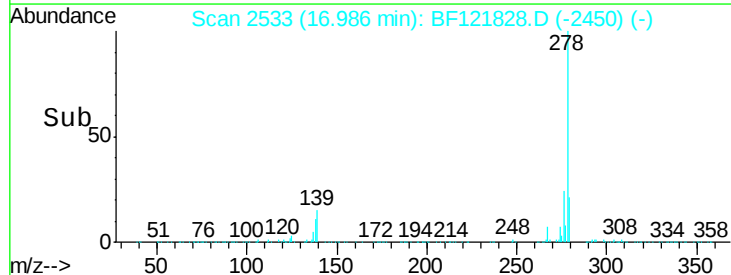
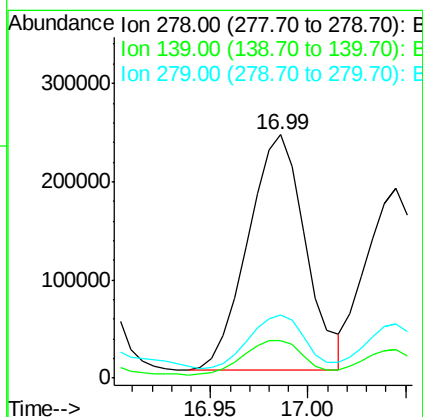
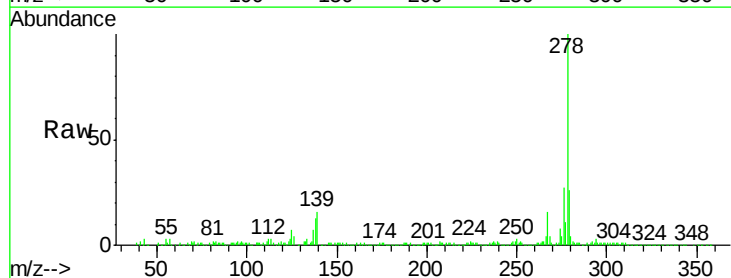
Instrument :
BNA_F
ClientSampleId :
B-18(5-7)

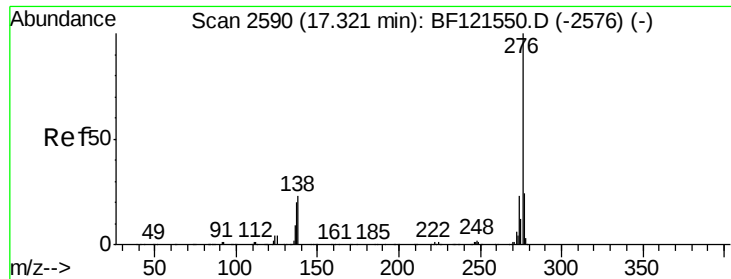
Tot Ion:252 Resp: 3242301
Ion Ratio Lower Upper
252 100
253 25.3 17.3 25.9
125 10.1 8.6 13.0



#91
Dibenzo(a,h)anthracene
Concen: 35.826 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.19 min
Lab File: BF121828.D
Acq: 5 Oct 2020 20:51

Tgt Ion:278 Resp: 490341
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.4
279 25.8 19.0 28.4

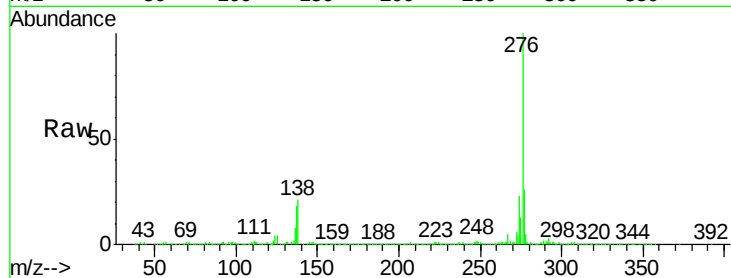




#92
 Benzo(a,h,i)perylene
 Concen: 125.666 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.07 min
 Lab File: BF121828.D
 Acq: 5 Oct 2020 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-18(5-7)

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.7	19.4	29.2	
138	21.0	17.8	26.6	



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

