

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121797.D
 Acq On : 2 Oct 2020 16:41
 Operator : JU/CG
 Sample : L4213-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17(13-15)

Quant Time: Oct 02 17:28:35 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	107790	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	384625	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	181223	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	321531	20.00	ng	0.00
76) Chrysene-d12	13.93	240	269859	20.00	ng	0.00
86) Perylene-d12	15.36	264	289812	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	687545	94.79	ng	0.00
7) Phenol-d6	6.40	99	859176	90.29	ng	-0.01
23) Nitrobenzene-d5	7.33	82	572827	79.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	224614	99.72	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	926492	77.43	ng	0.00
79) Terphenyl-d14	12.87	244	885076	66.44	ng	-0.01

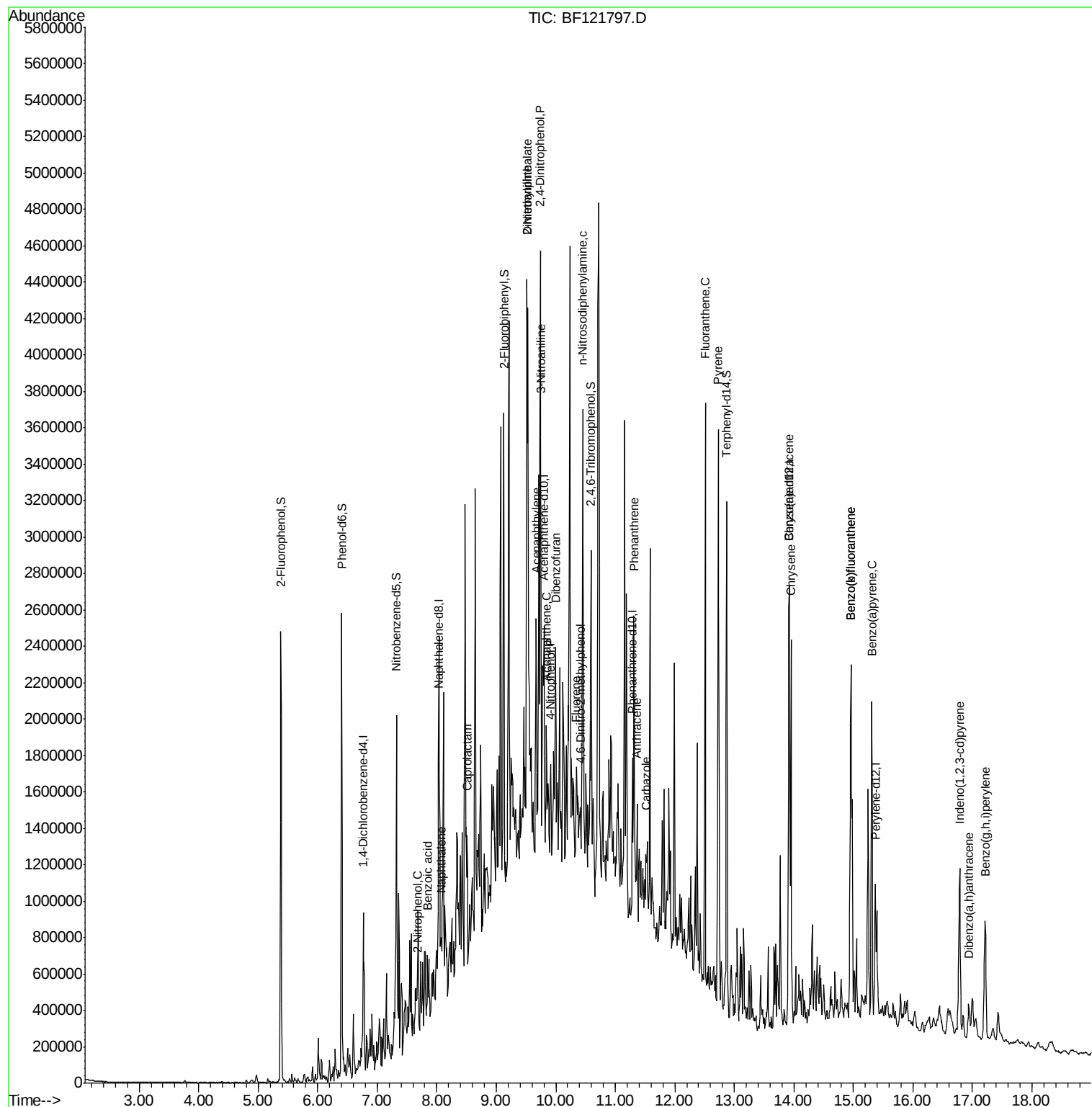
Target Compounds				Qvalue		
26) 2-Nitrophenol	7.67	139	2112	3.108	ng	# 1
31) Naphthalene	8.07	128	57736	2.844	ng	# 91
32) Benzoic acid	7.85	122	6120	8.026	ng	# 31
35) Caprolactam	8.51	113	7242	3.709	ng	# 1
48) 2-Nitroaniline	9.51	65	14287	4.021	ng	# 95
49) Acenaphthylene	9.66	152	144816	8.244	ng	# 89
50) Dimethylphthalate	9.52	163	127101	9.677	ng	# 63
52) Acenaphthene	9.83	154	36336	3.275	ng	# 90
53) 3-Nitroaniline	9.75	138	11041	3.407	ng	# 14
54) 2,4-Dinitrophenol	9.74	184	423	9.280	ng	# 1
55) Dibenzofuran	10.00	168	37134	2.377	ng	# 69
56) 4-Nitrophenol	9.92	139	7453	2.884	ng	# 1
58) Fluorene	10.35	166	47491	3.975	ng	# 92
65) 4,6-Dinitro-2-methylphenol	10.42	198	1671	7.578	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	103659	9.397	ng	# 51
71) Phenanthrene	11.32	178	689628	39.366	ng	# 99
72) Anthracene	11.36	178	230881	12.771	ng	# 98
73) Carbazole	11.52	167	71126	4.360	ng	# 82
75) Fluoranthene	12.51	202	1297671	69.392	ng	# 98
78) Pvrene	12.73	202	1351491	68.545	ng	# 100
81) Benzo(a)anthracene	13.92	228	961465	56.316	ng	# 97
83) Chrysene	13.95	228	853060	49.343	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.79	276	620688	32.887	ng	# 95
88) Benzo(b)fluoranthene	14.96	252	1584955	81.807	ng	# 99
89) Benzo(k)fluoranthene	14.96	252	1584955	89.334	ng	# 98
90) Benzo(a)pyrene	15.31	252	816485	49.578	ng	# 96
91) Dibenzo(a,h)anthracene	16.94	278	121435	7.729	ng	# 97
92) Benzo(g,h,i)perylene	17.22	276	561127	36.334	ng	# 98

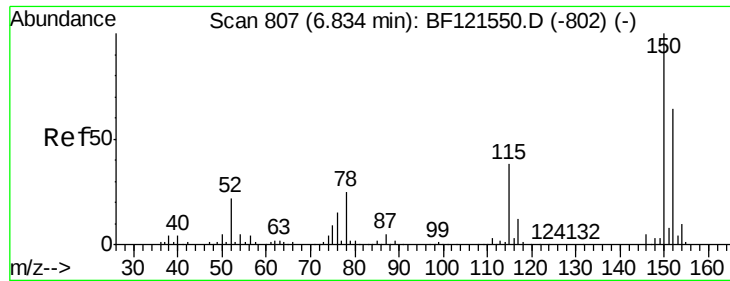
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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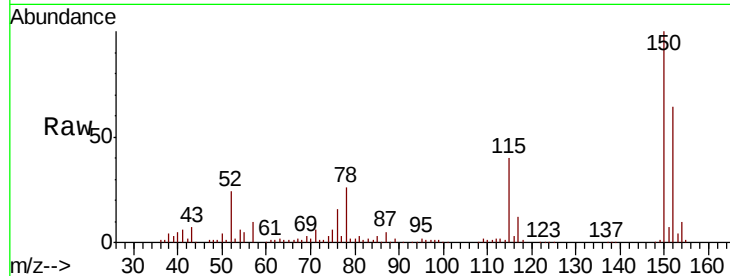


#1

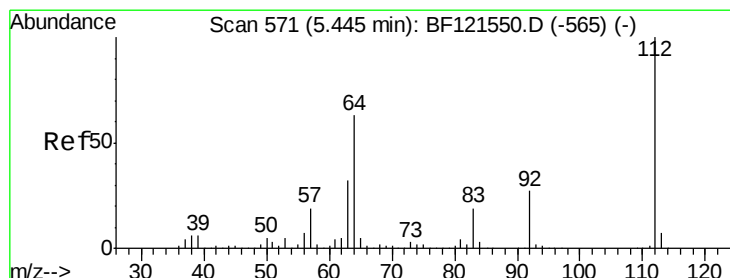
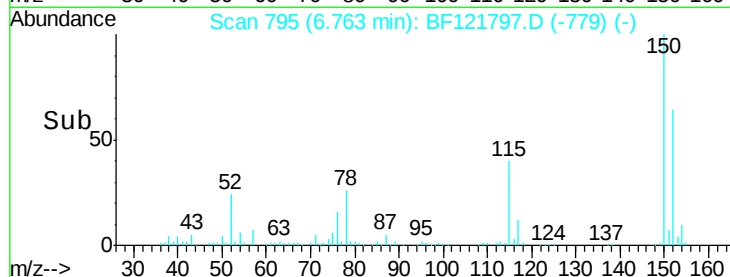
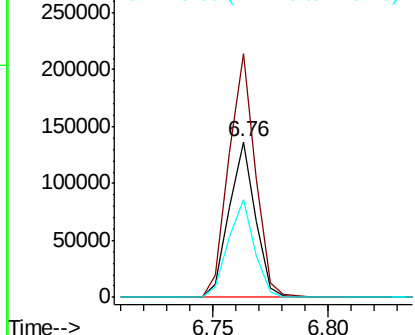
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Instrument :
BNA_F
ClientSampleId :
B-17(13-15)

Tot Ion:152 Resp: 107790
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 62.6 51.9 77.9



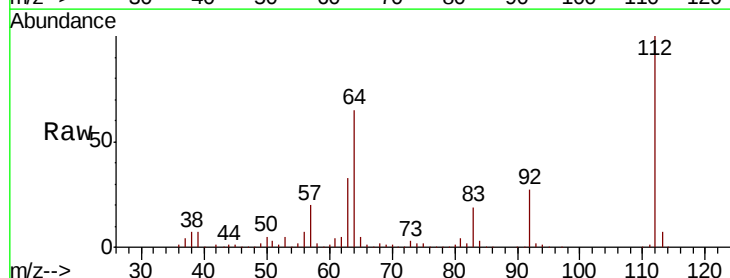
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



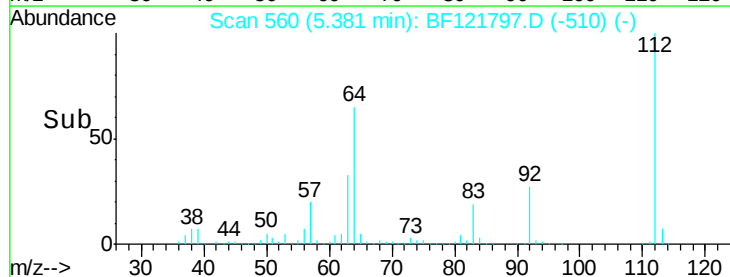
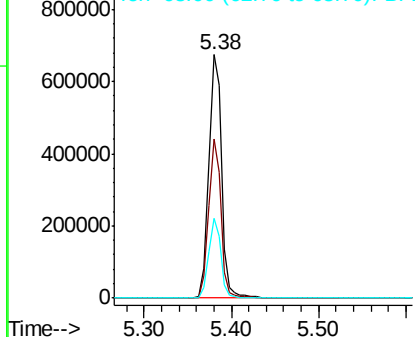
#5

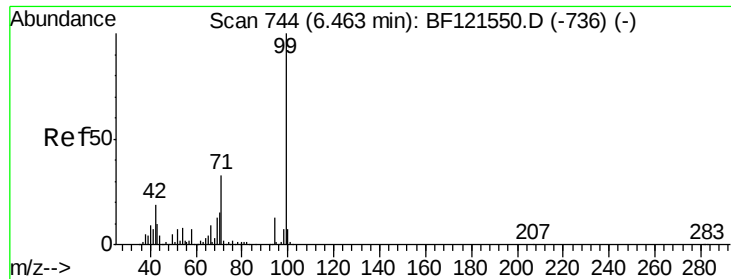
2-Fluorophenol
Concen: 94.793 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion:112 Resp: 687545
Ion Ratio Lower Upper
112 100
64 65.2 50.4 75.6
63 32.5 25.8 38.6



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: 90.291 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

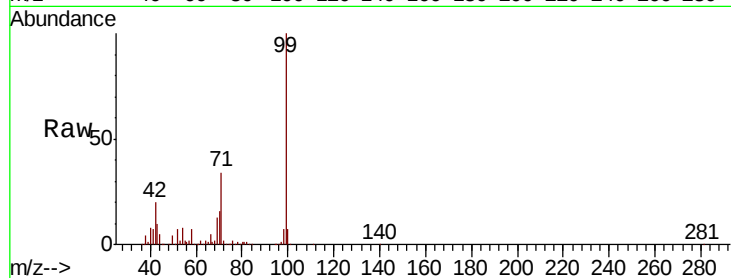
Tot Ion: 99 Resp: 859176

Ion Ratio Lower Upper

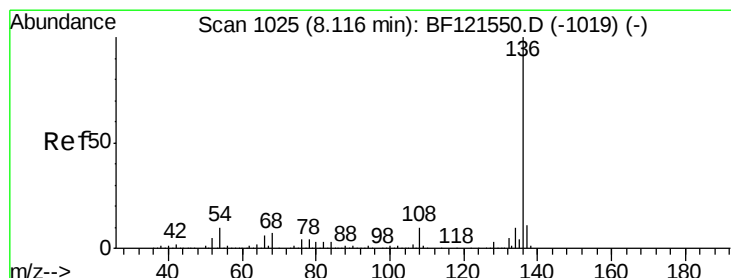
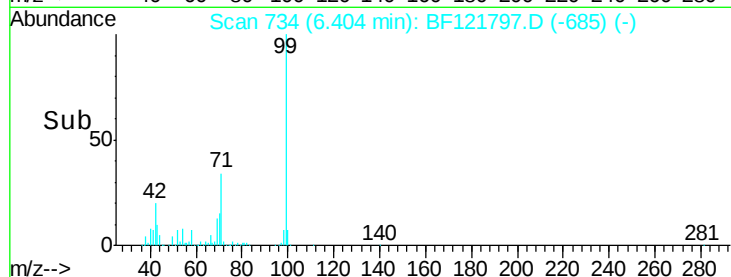
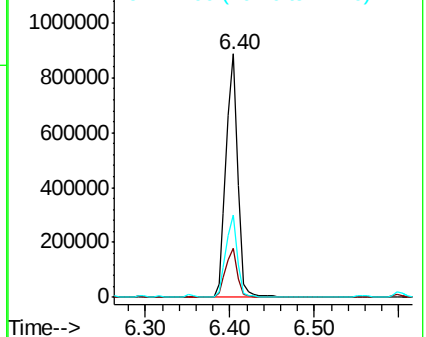
99 100

42 20.1 15.9 23.9

71 34.0 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Tgt Ion: 136 Resp: 384625

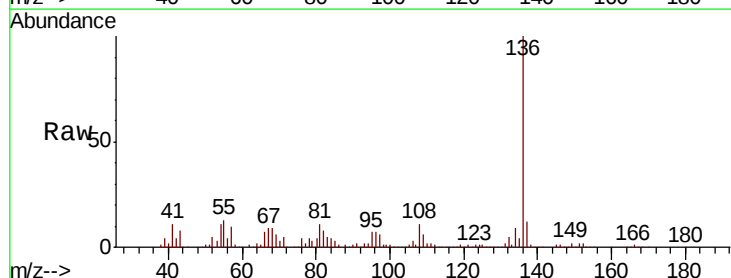
Ion Ratio Lower Upper

136 100

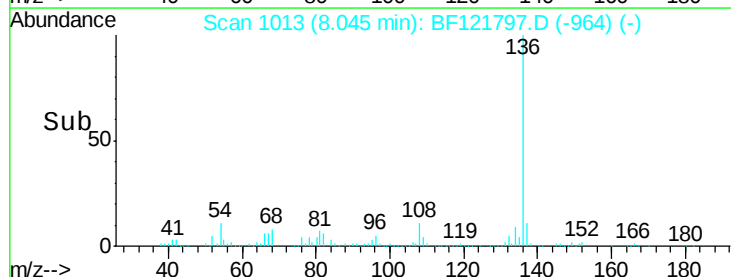
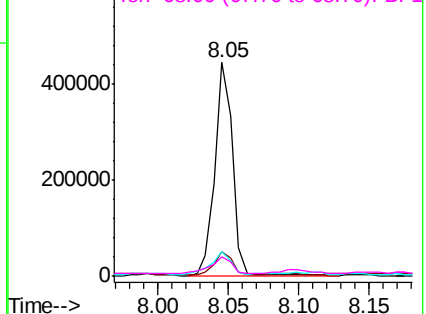
137 11.7 8.6 13.0

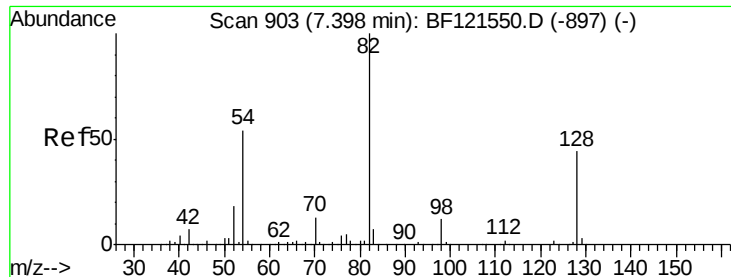
54 11.4 7.1 10.7#

68 8.8 5.0 7.4#



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

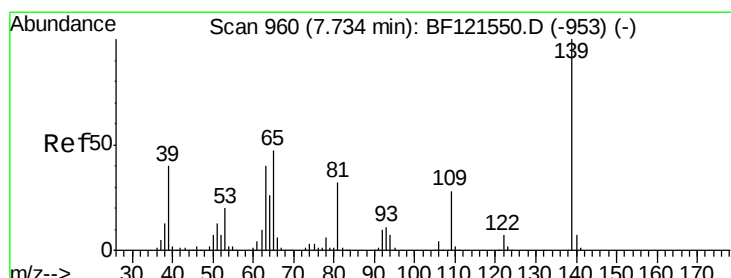
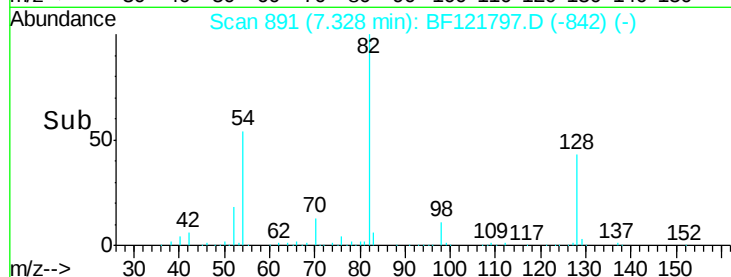
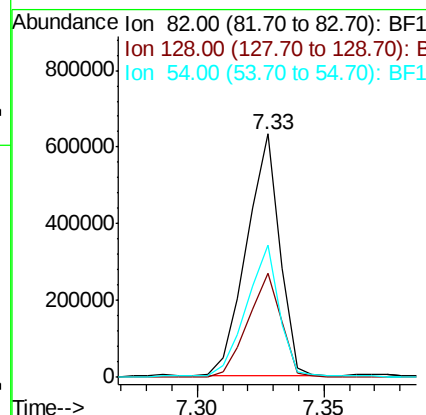
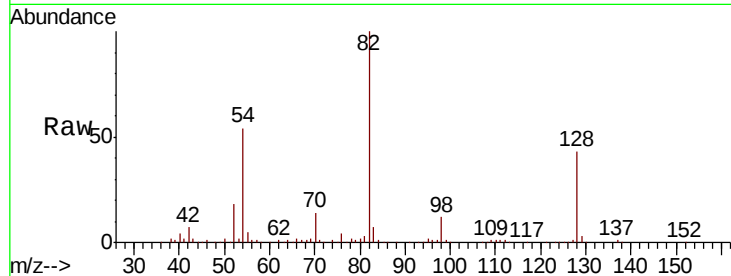




#23
Nitrobenzene-d5
Concen: 79.964 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

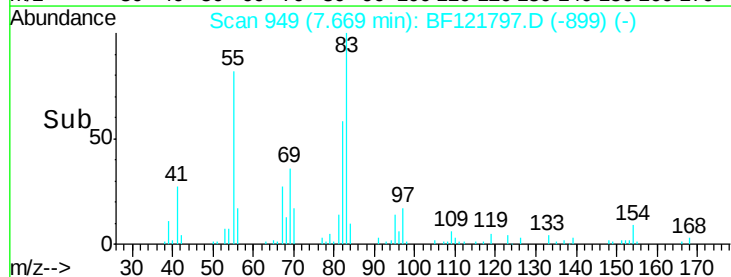
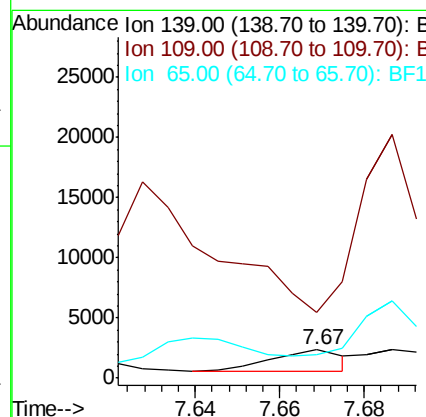
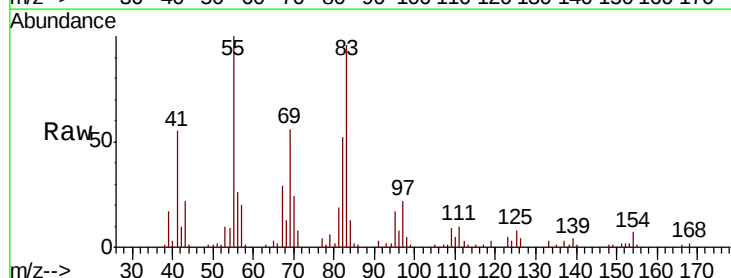
Instrument :
BNA_F
ClientSampleId :
B-17(13-15)

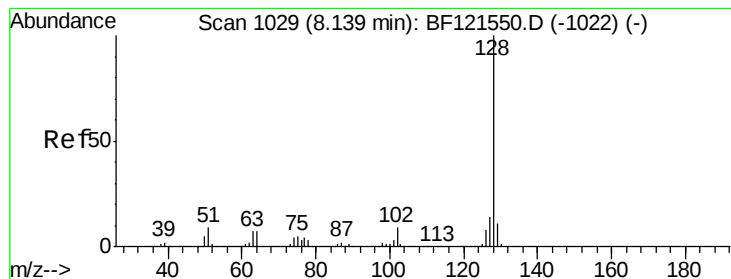
Tot Ion	82.00	Resp	572827
Ion Ratio	100	Lower	Upper
128	42.5	35.0	52.4
54	54.1	43.9	65.9



#26
2-Nitrophenol
Concen: 3.108 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion	139.00	Resp	2112
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
109	232.1	23.0	34.4#
65	80.6	39.9	59.9#





#31

Naphthalene

Concen: 2.844 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

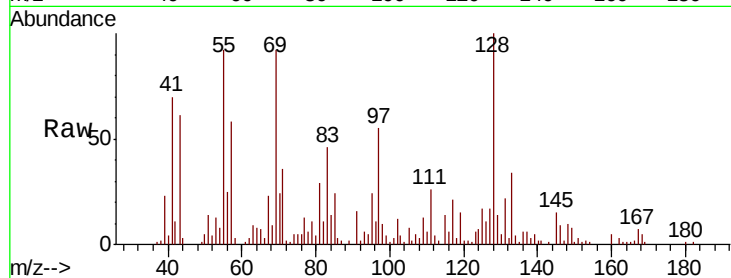
Tot Ion:128 Resp: 57736

Ion Ratio Lower Upper

128 100

129 14.1 8.7 13.1#

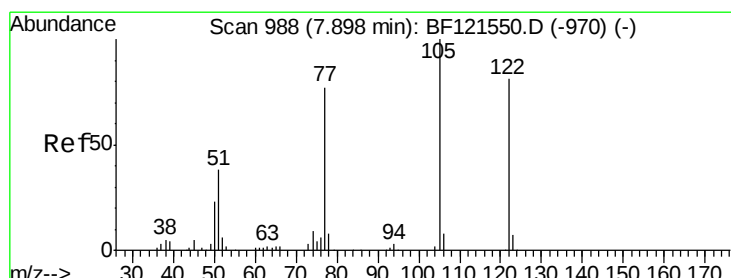
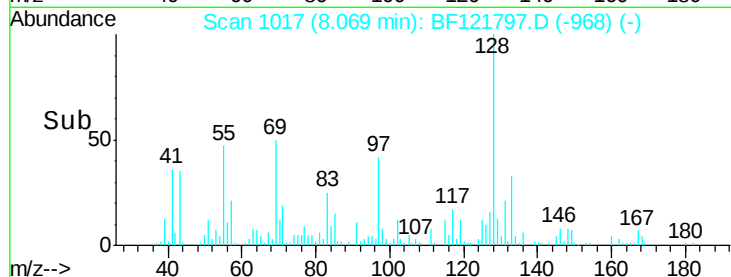
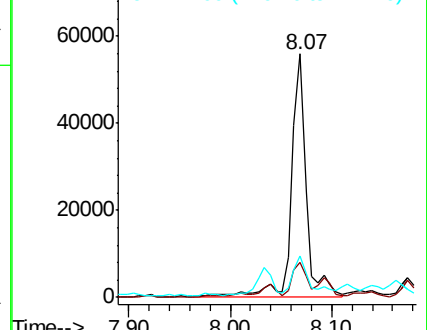
127 17.1 10.8 16.2#



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



#32

Benzoic acid

Concen: 8.026 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

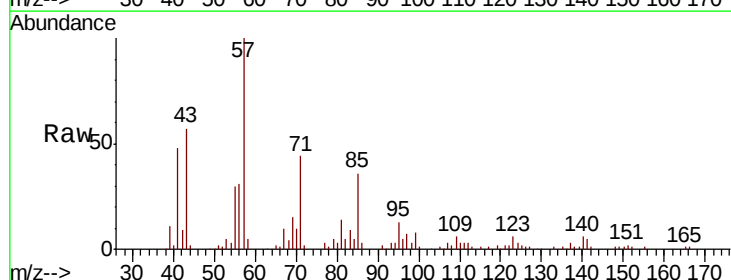
Tgt Ion:122 Resp: 6120

Ion Ratio Lower Upper

122 100

105 35.0 103.3 143.3#

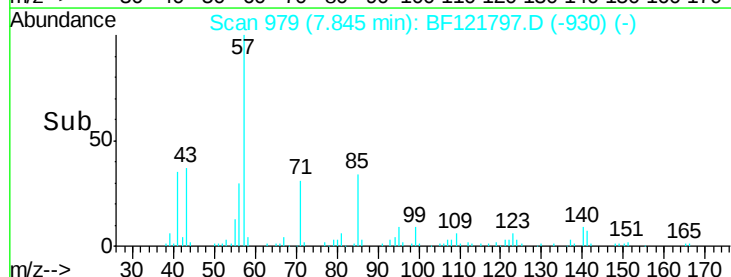
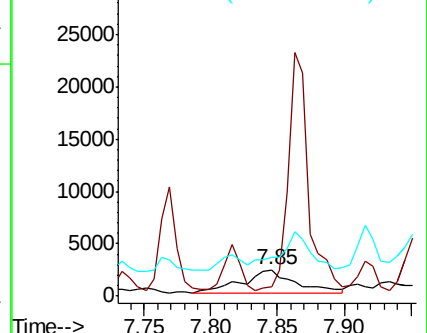
77 148.2 73.9 113.9#

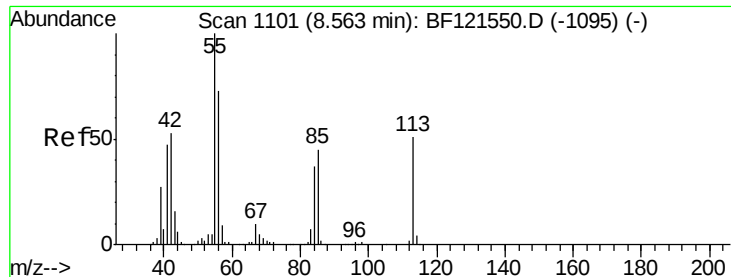


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#35

Caprolactam

Concen: 3.709 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampled :

B-17(13-15)

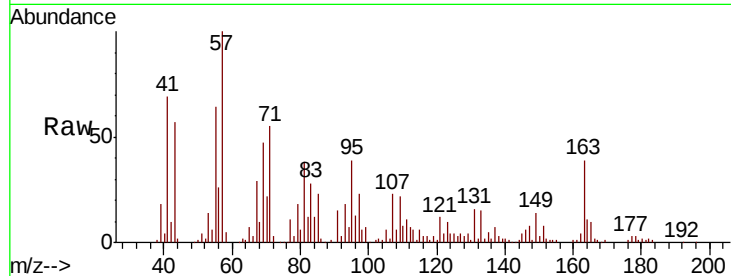
Tot Ion:113 Resp: 7242

Ion Ratio Lower Upper

113 100

55 1063.7 167.5 207.5#

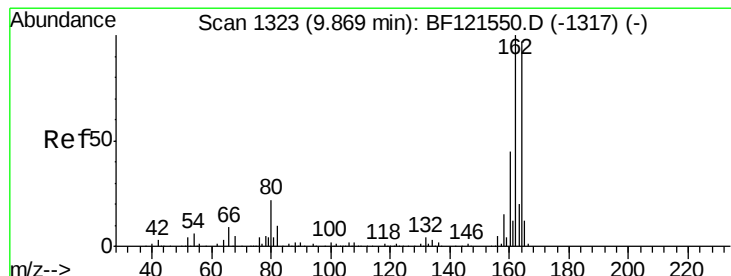
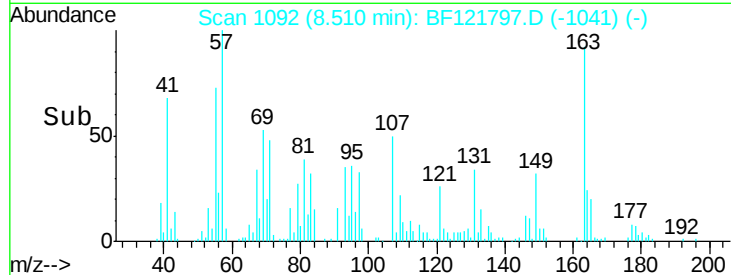
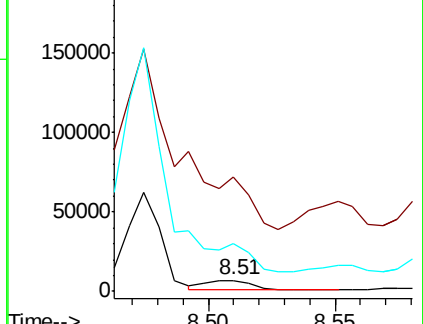
56 440.6 121.2 161.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

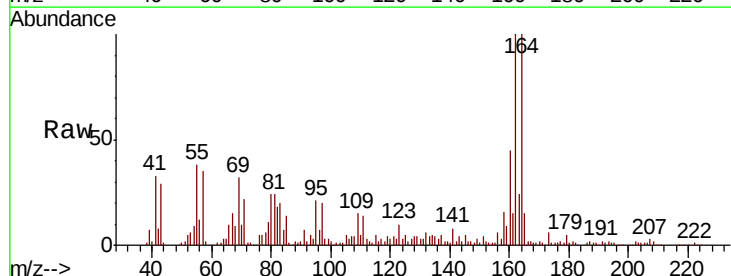
Tgt Ion:164 Resp: 181223

Ion Ratio Lower Upper

164 100

162 100.3 83.2 124.8

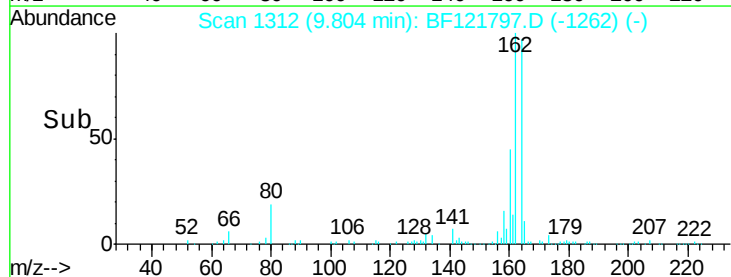
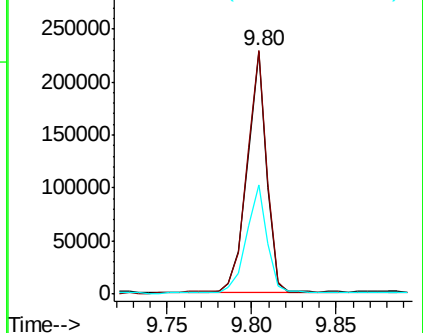
160 44.8 37.5 56.3

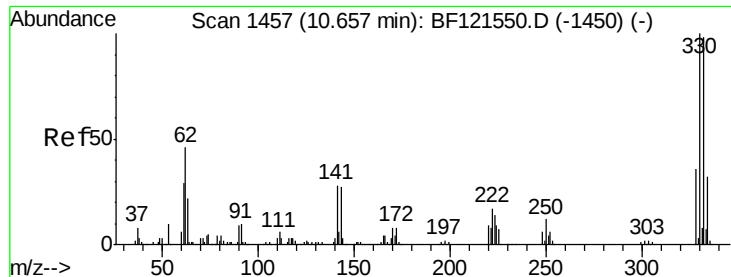


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 99.724 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

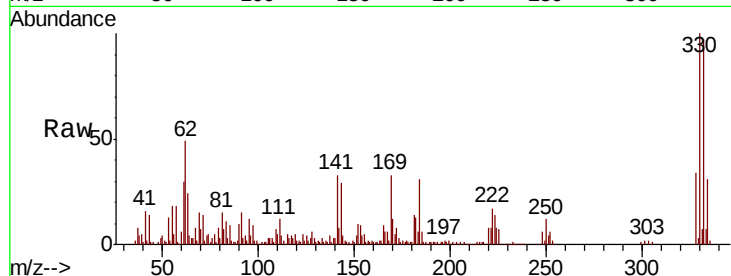
Tot Ion:330 Resp: 224614

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

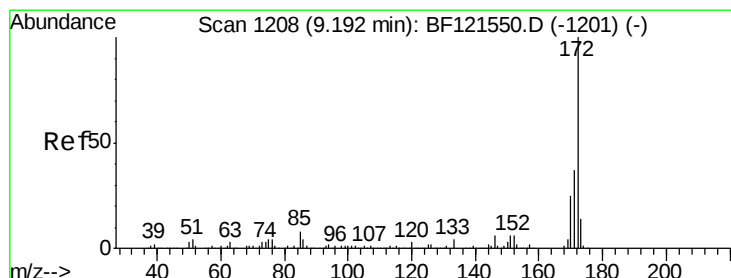
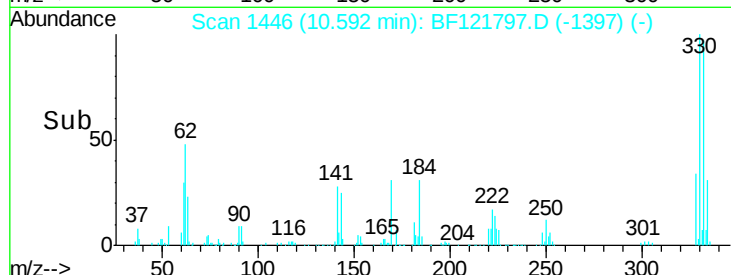
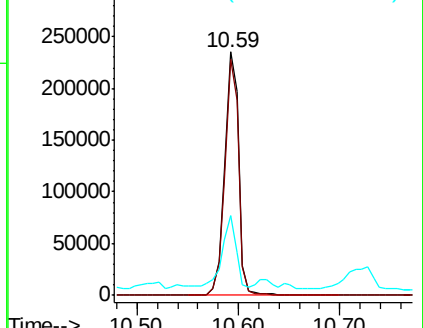
141 28.7 22.3 33.5



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: 77.430 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

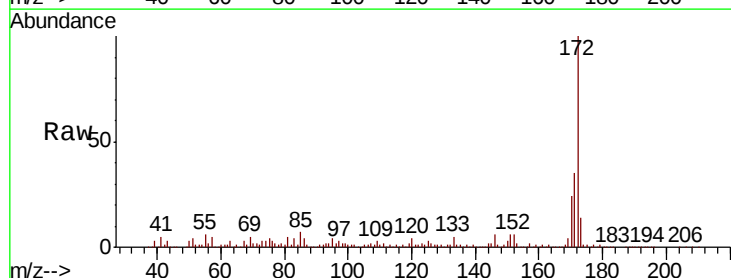
Tgt Ion:172 Resp: 926492

Ion Ratio Lower Upper

172 100

171 35.3 29.1 43.7

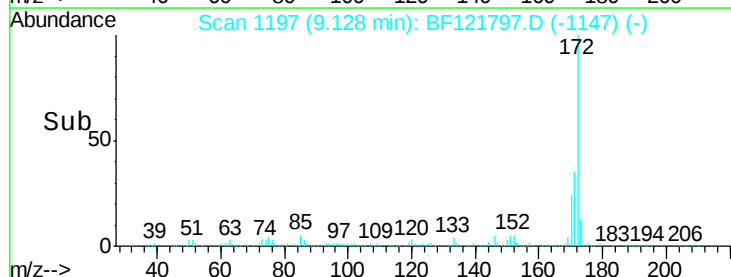
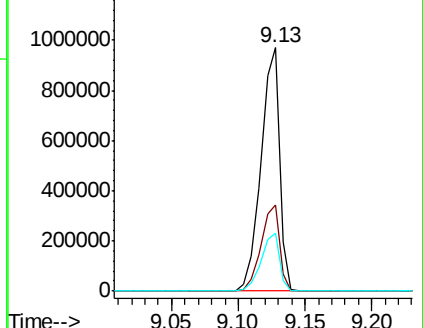
170 23.6 19.8 29.6

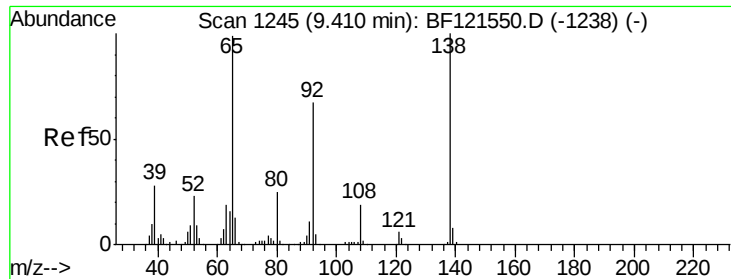


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

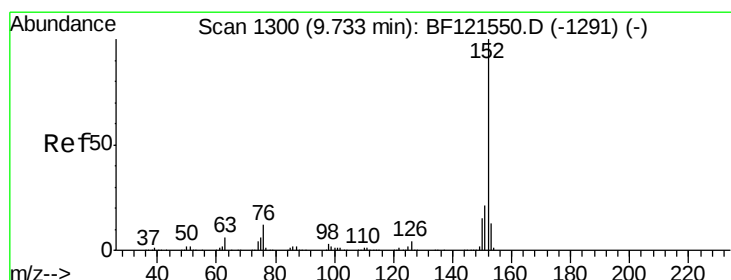
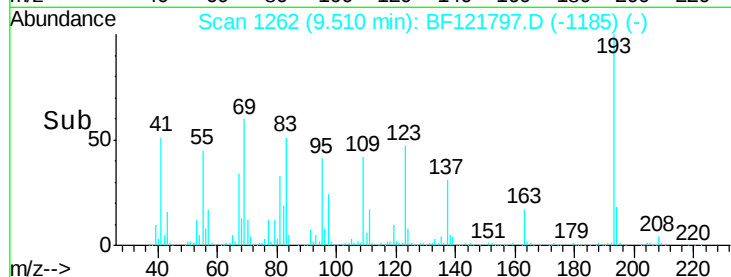
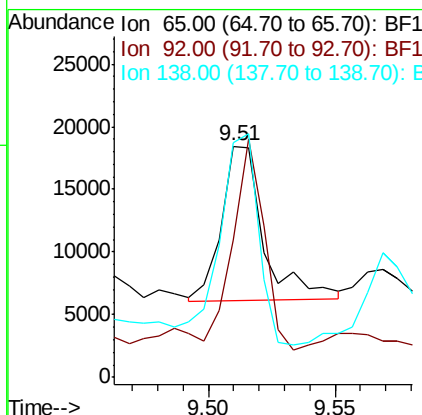
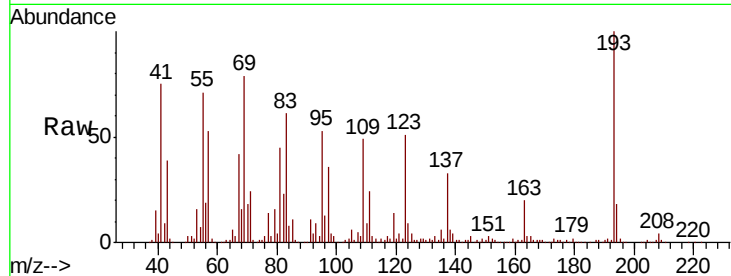




#48
2-Nitroaniline
Concen: 4.021 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.15 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

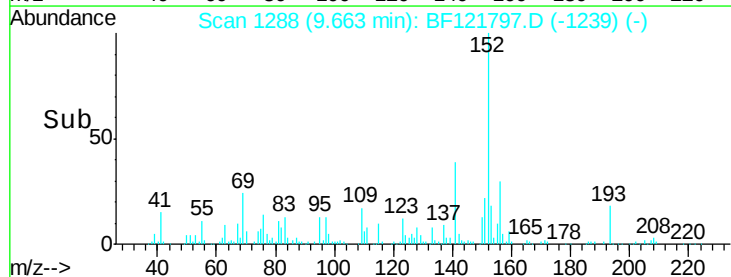
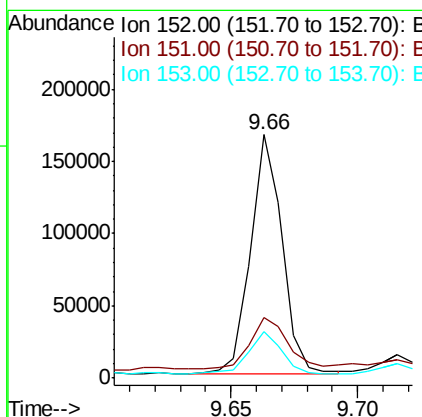
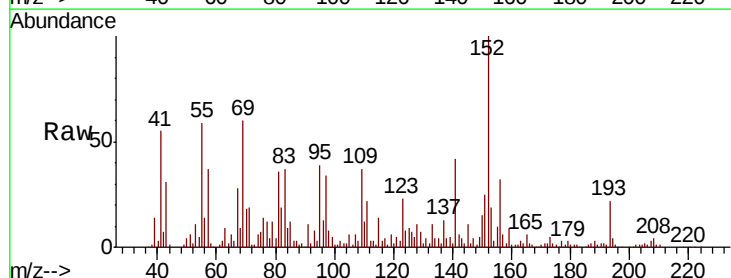
Instrument :
BNA_F
ClientSampled :
B-17(13-15)

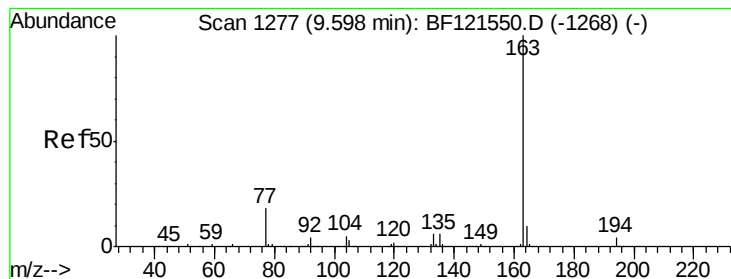
Tot Ion: 65 Resp: 14287
Ion Ratio Lower Upper
65 100
92 59.2 55.1 82.7
138 101.3 80.5 120.7



#49
Acenaphthylene
Concen: 8.244 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion: 152 Resp: 144816
Ion Ratio Lower Upper
152 100
151 24.7 16.4 24.6#
153 18.9 10.6 15.8#





#50

Dimethylphthalate

Concen: 9.677 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampled :

B-17(13-15)

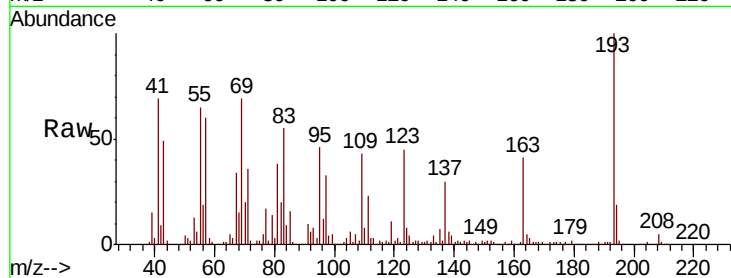
Tot Ion:163 Resp: 127101

Ion Ratio Lower Upper

163 100

194 44.8 3.3 4.9#

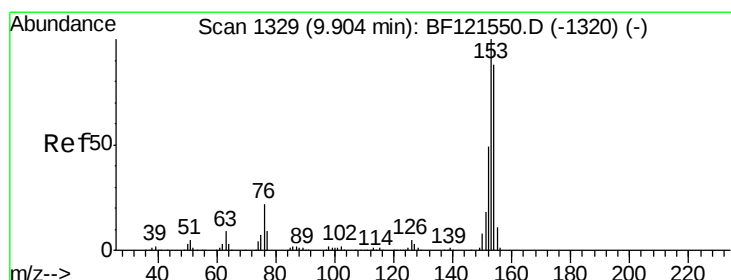
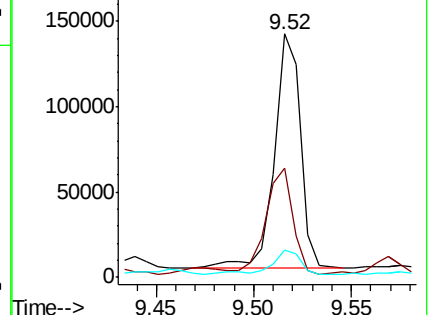
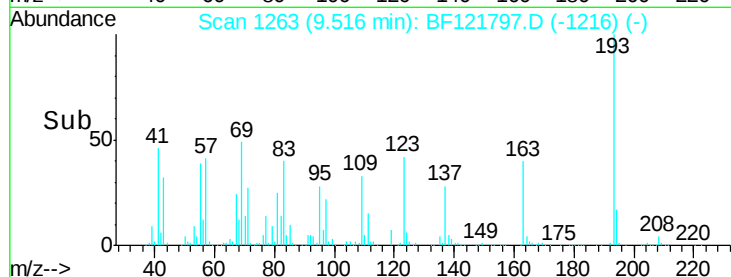
164 11.3 8.2 12.4



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: 3.275 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

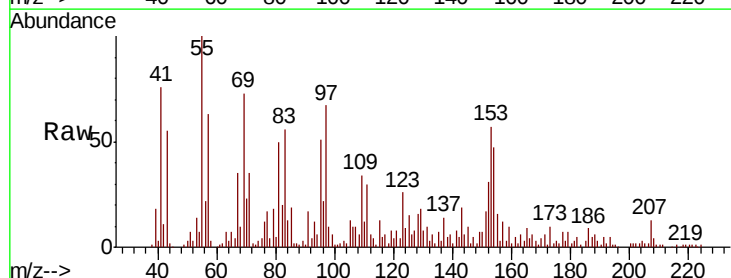
Tgt Ion:154 Resp: 36336

Ion Ratio Lower Upper

154 100

153 120.1 89.8 134.8

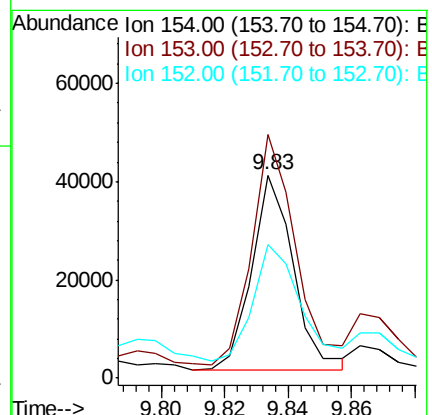
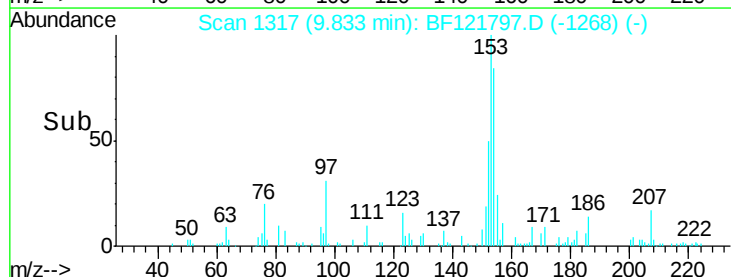
152 65.6 43.2 64.8#

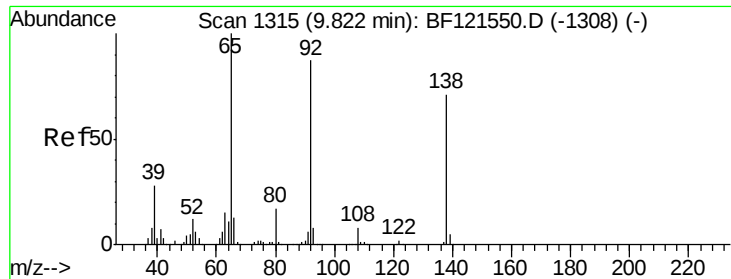


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

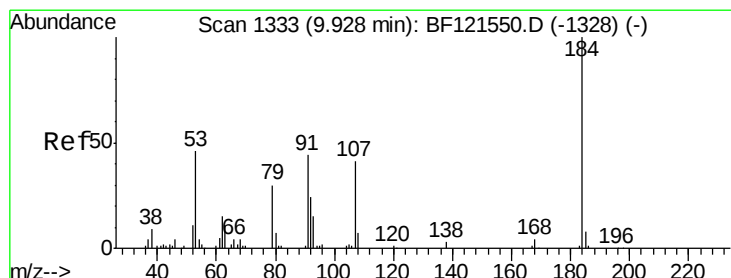
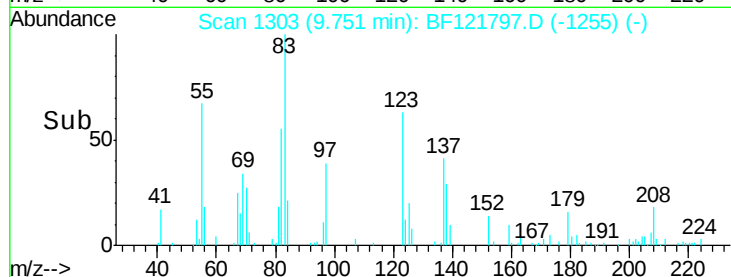
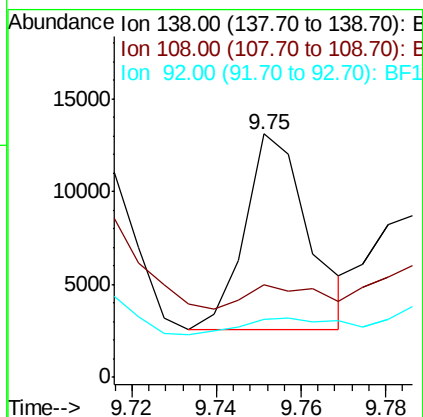
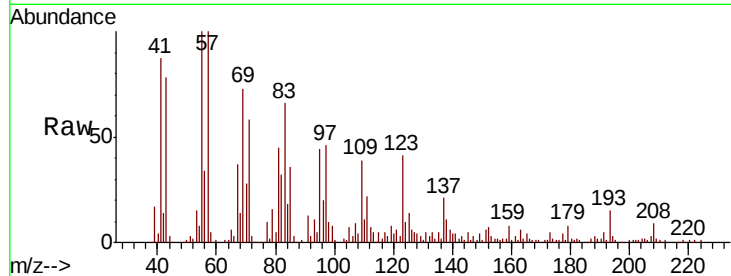




#53
3-Nitroaniline
Concen: 3.407 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

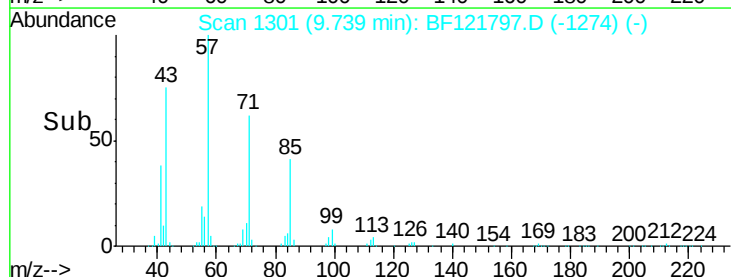
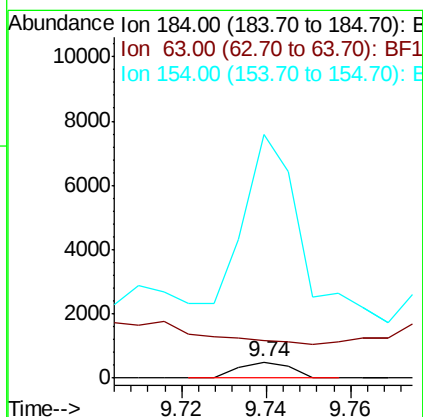
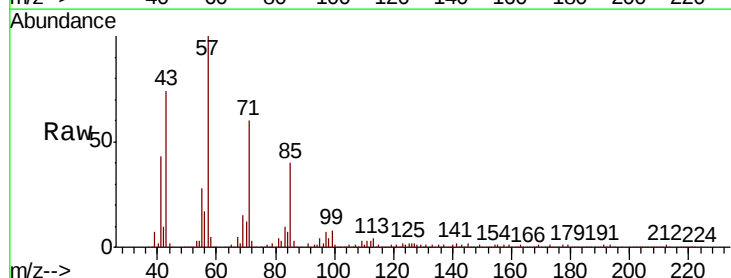
Instrument :
BNA_F
ClientSampled :
B-17(13-15)

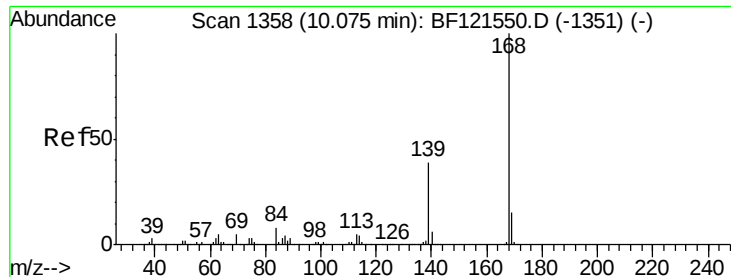
Tot Ion:138 Resp: 11041
Ion Ratio Lower Upper
138 100
108 38.2 8.6 13.0#
92 23.6 96.6 144.8#



#54
2,4-Dinitrophenol
Concen: 9.280 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.14 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion:184 Resp: 423
Ion Ratio Lower Upper
184 100
63 232.6 45.9 68.9#
154 1533.8 45.8 68.6#





#55

Dibenzofuran

Concen: 2.377 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

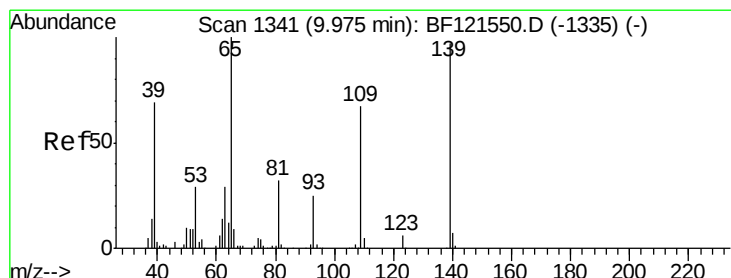
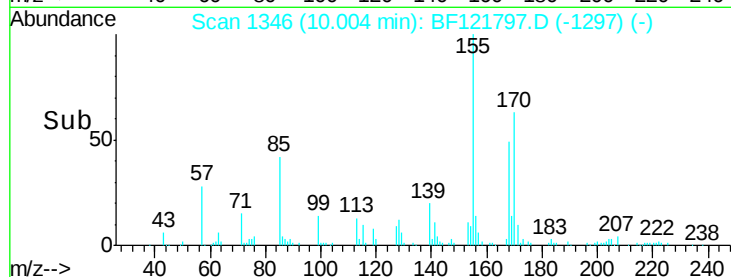
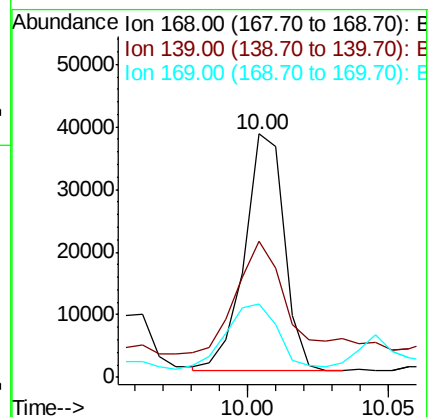
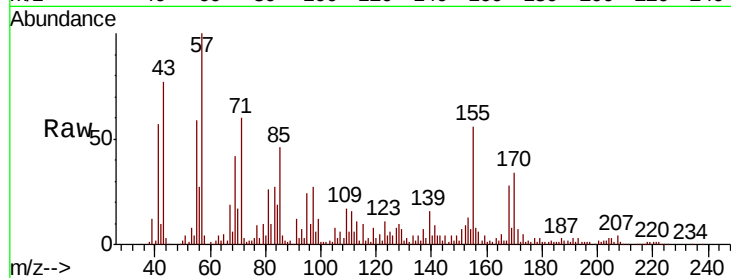
Tot Ion:168 Resp: 37134

Ion Ratio Lower Upper

168 100

139 56.0 31.0 46.6#

169 29.9 11.3 16.9#



#56

4-Nitrophenol

Concen: 2.884 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

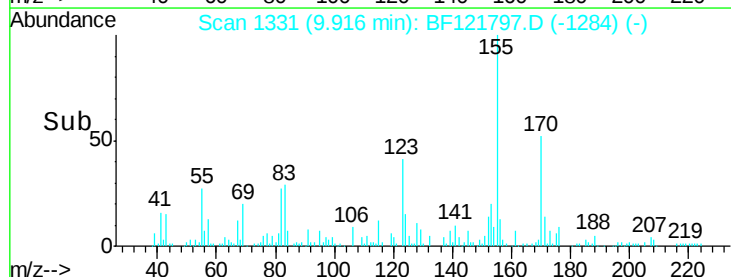
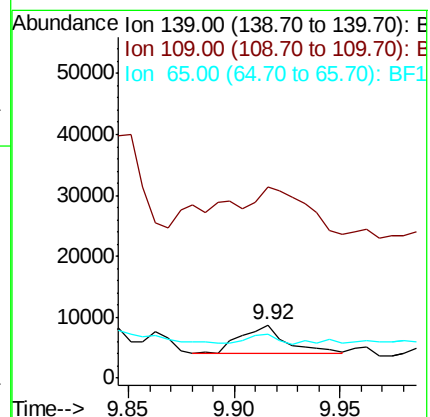
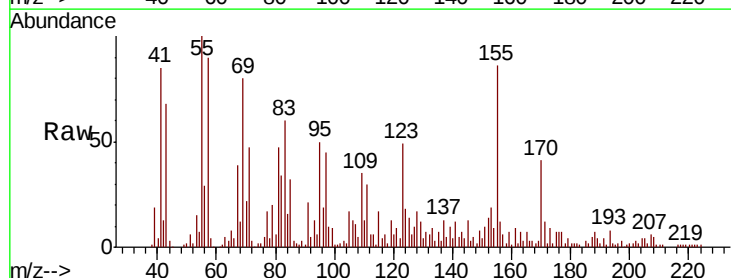
Tgt Ion:139 Resp: 7453

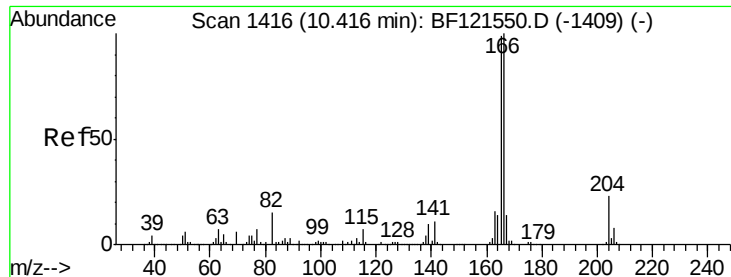
Ion Ratio Lower Upper

139 100

109 361.0 45.4 85.4#

65 82.1 68.4 108.4





#58

Fluorene

Concen: 3.975 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

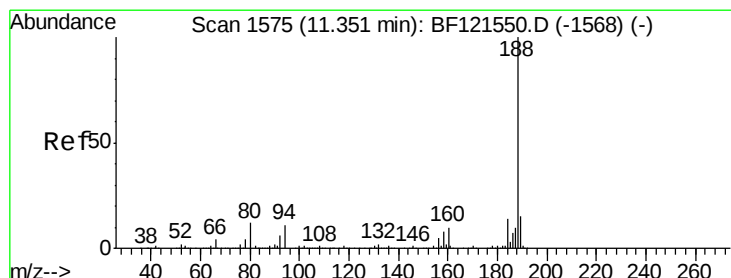
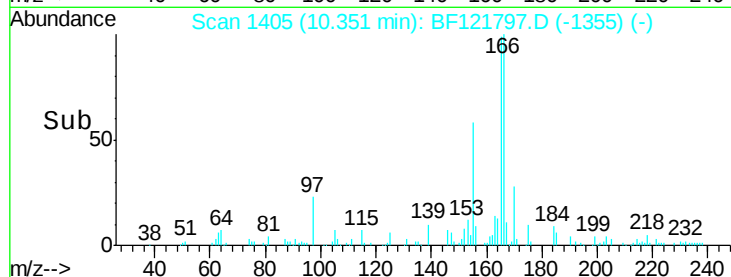
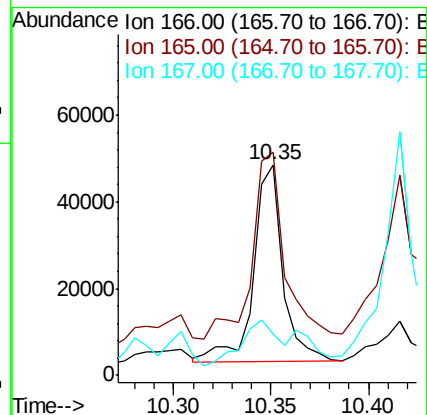
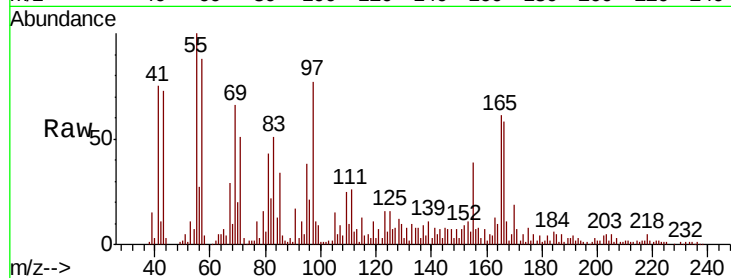
Tot Ion:166 Resp: 47491

Ion Ratio Lower Upper

166 100

165 105.5 79.1 118.7

167 19.8 11.0 16.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

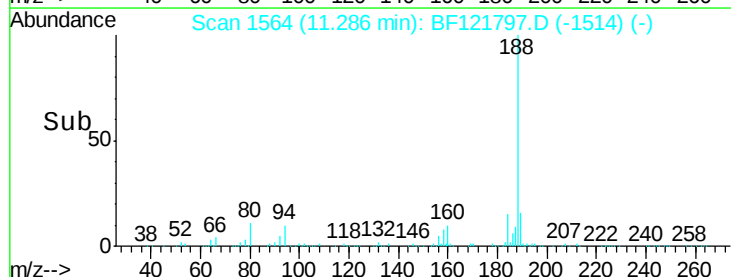
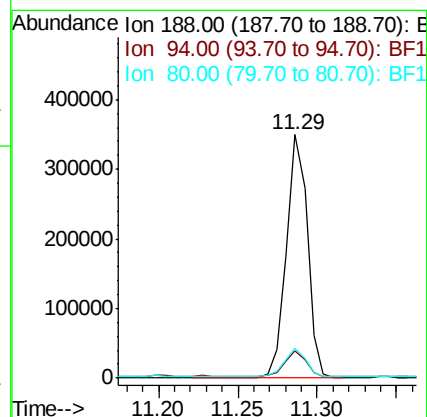
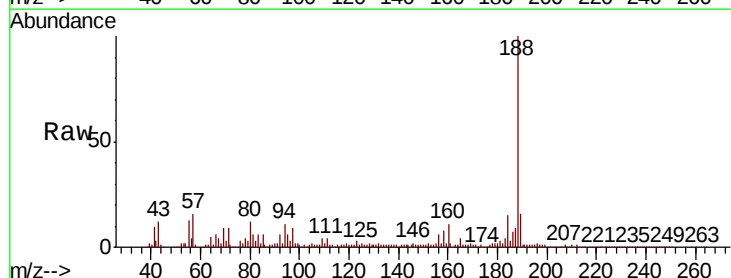
Tgt Ion:188 Resp: 321531

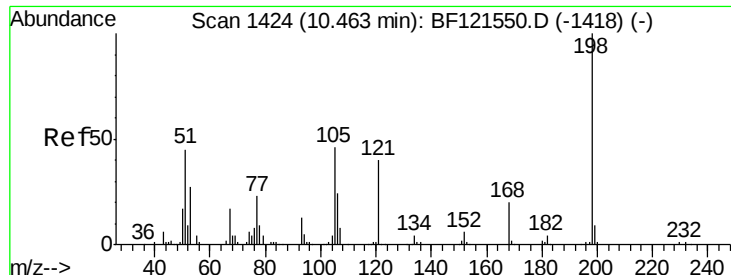
Ion Ratio Lower Upper

188 100

94 11.3 8.3 12.5

80 12.2 9.1 13.7

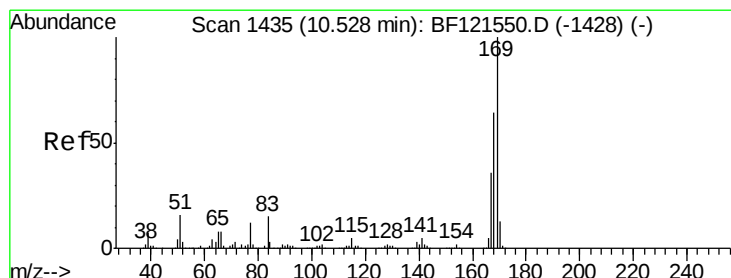
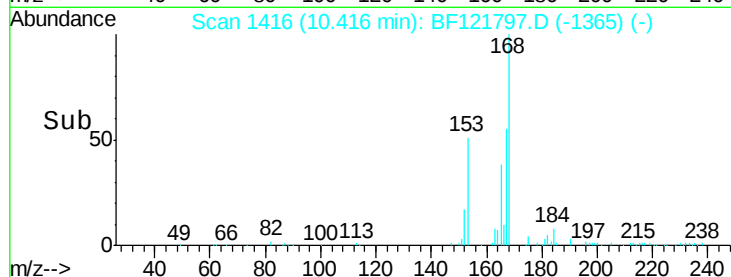
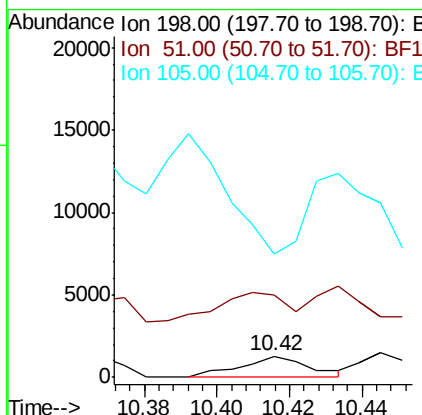
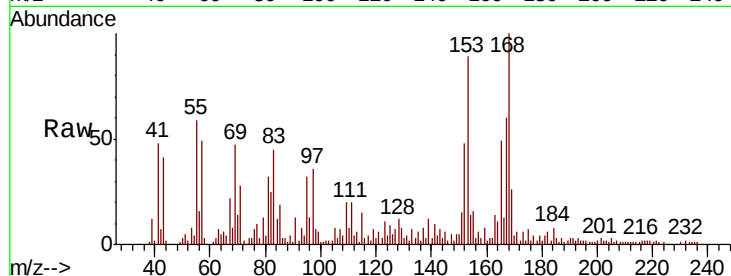




#65
4,6-Dinitro-2-methylphenol
Concen: 7.578 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

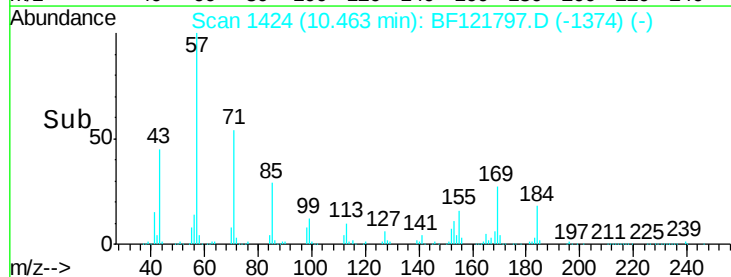
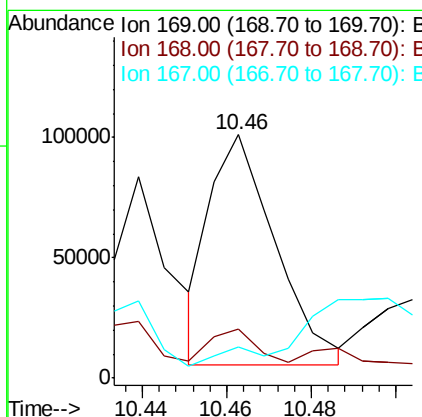
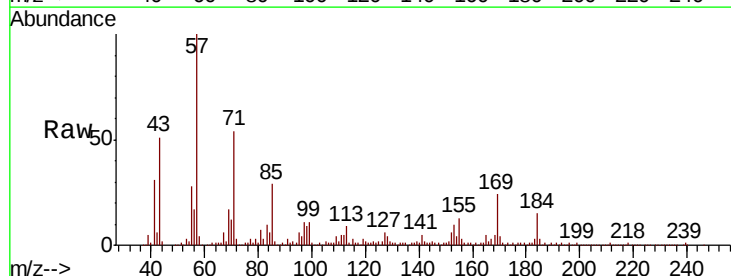
Instrument :
BNA_F
ClientSampled :
B-17(13-15)

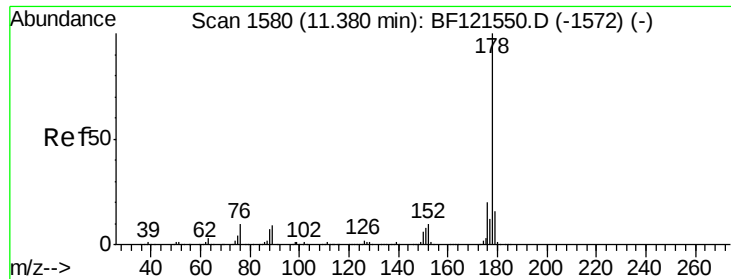
Tot Ion:198 Resp: 1671
Ion Ratio Lower Upper
198 100
51 385.8 29.6 69.6#
105 577.4 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 9.397 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion:169 Resp: 103659
Ion Ratio Lower Upper
169 100
168 20.2 50.0 75.0#
167 12.6 27.8 41.6#

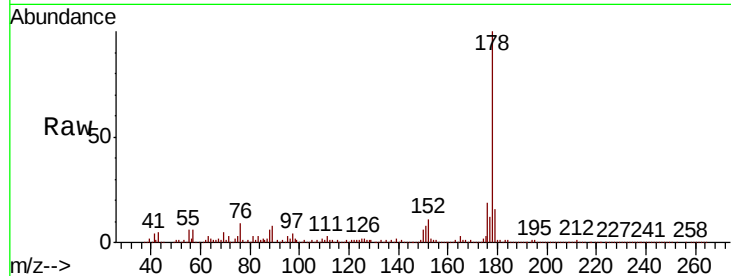




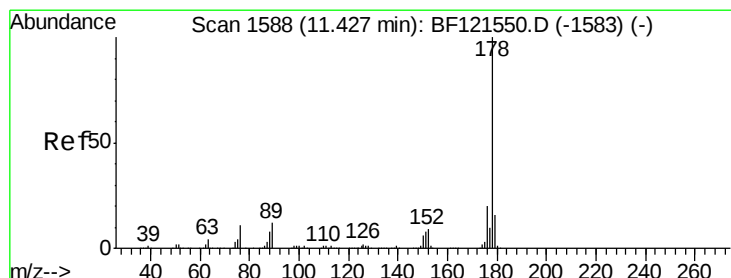
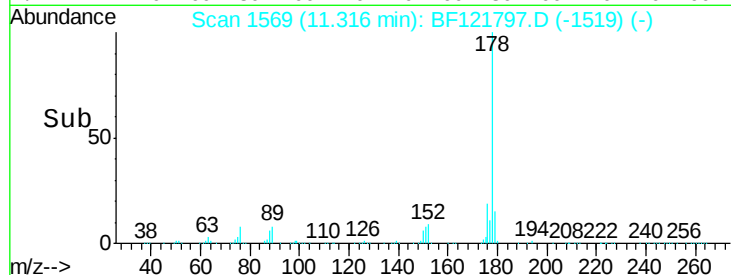
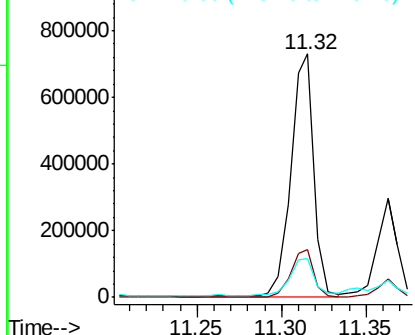
#71
Phenanthrene
Concen: 39.366 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Instrument :
BNA_F
ClientSampleId :
B-17(13-15)

Tot Ion:178 Resp: 689628
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.1 12.2 18.4

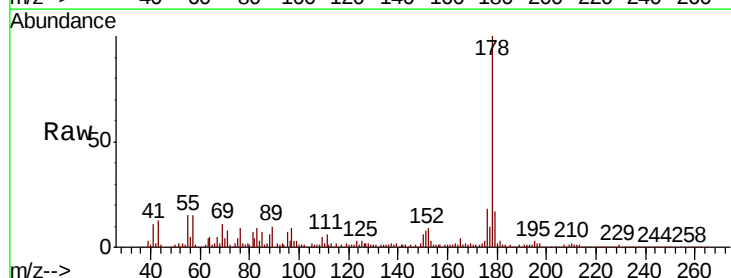


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

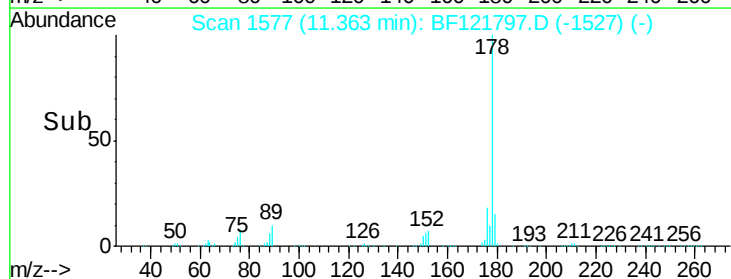
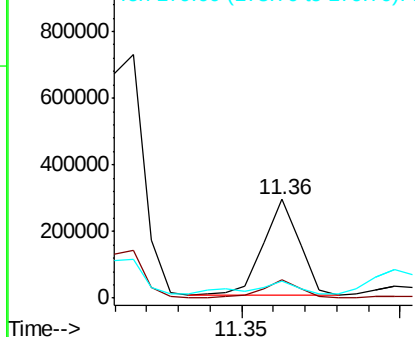


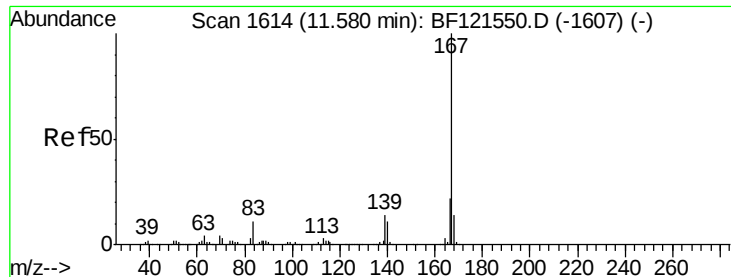
#72
Anthracene
Concen: 12.771 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion:178 Resp: 230881
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 16.8 12.7 19.1



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





#73

Carbazole

Concen: 4.360 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

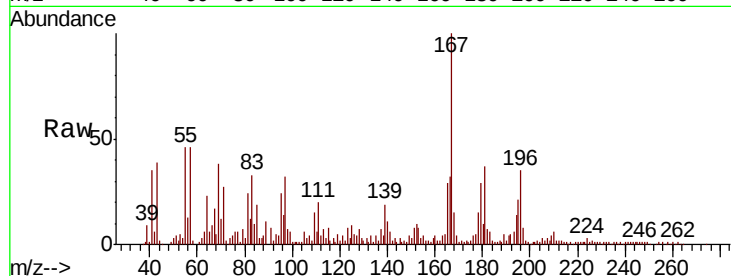
Tot Ion:167 Resp: 71126

Ion Ratio Lower Upper

167 100

166 32.0 17.8 26.6#

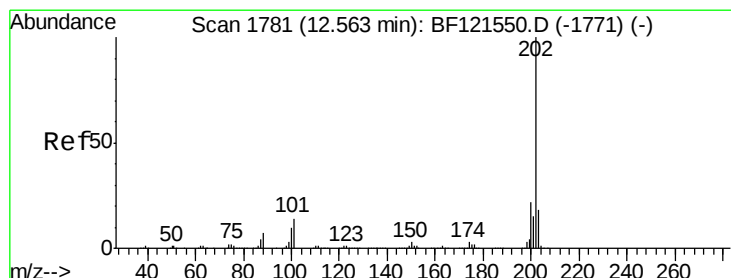
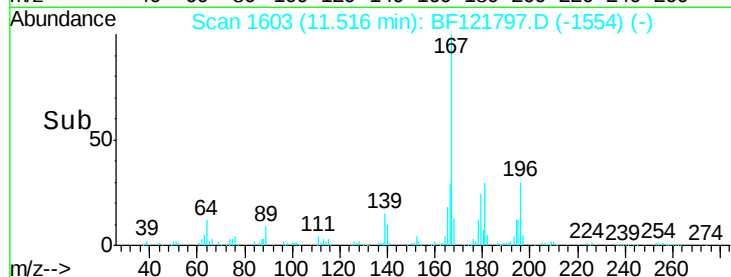
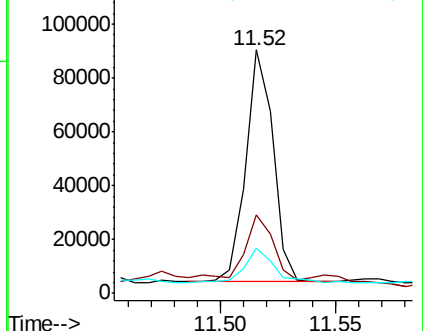
139 18.7 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 69.392 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

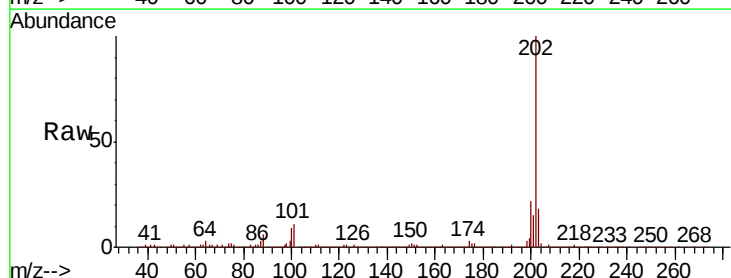
Tgt Ion:202 Resp: 1297671

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.4

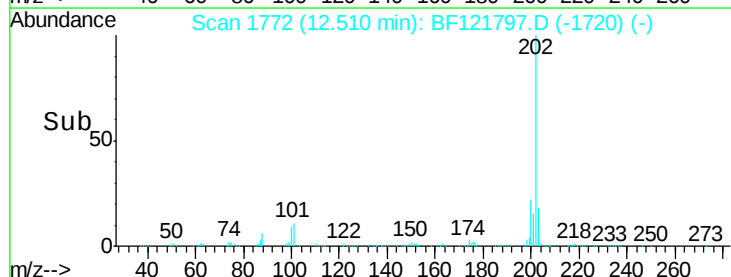
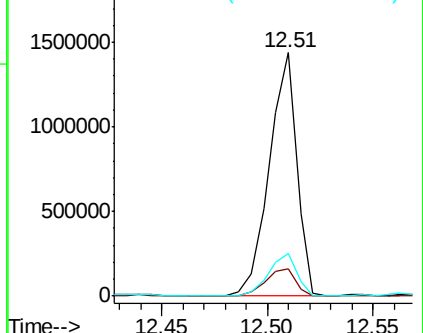
203 17.7 0.0 37.9

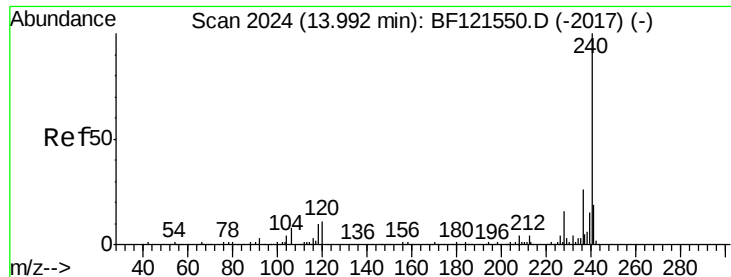


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

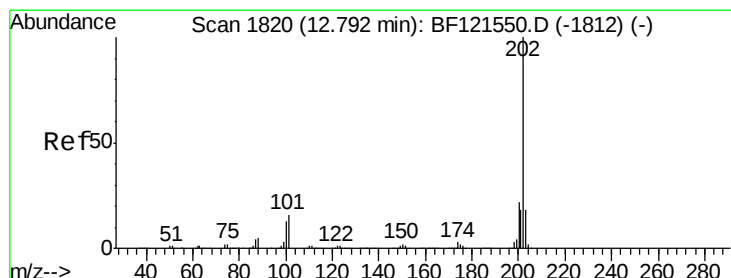
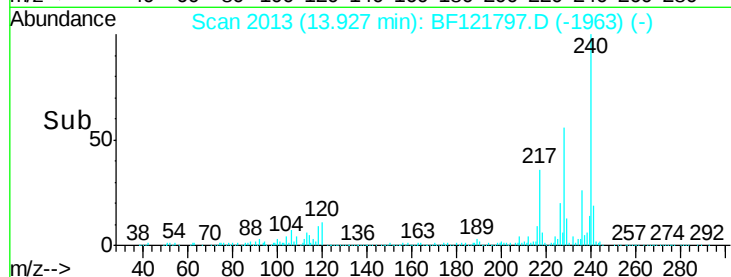
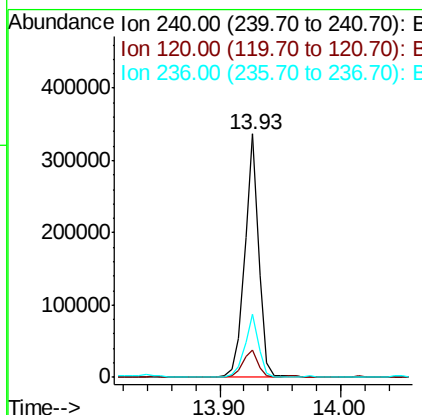
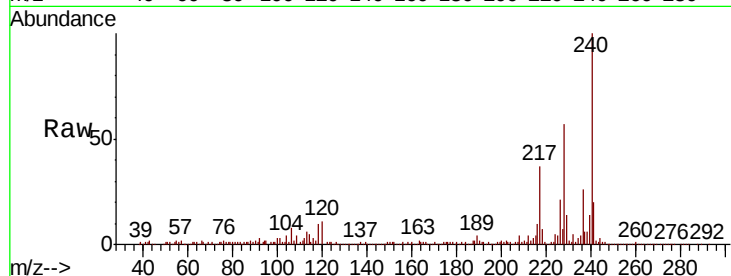




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

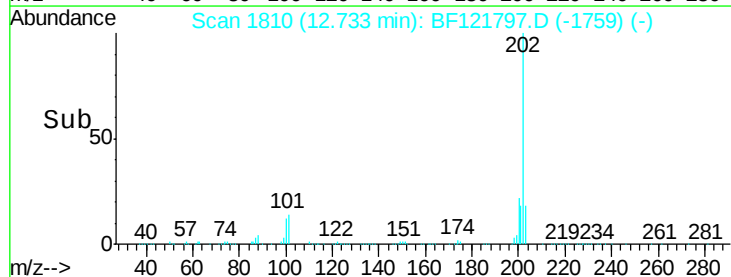
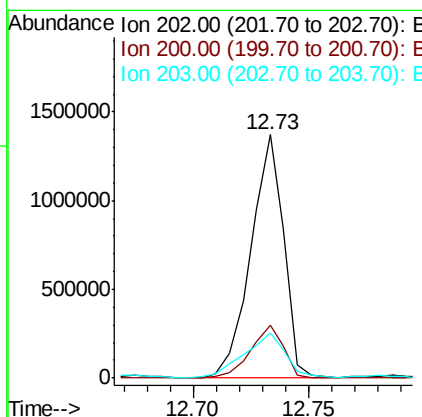
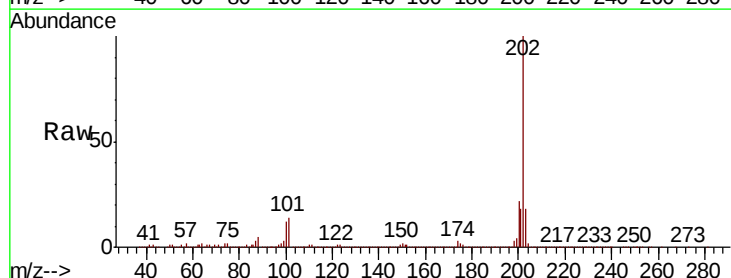
Instrument :
BNA_F
ClientSampleId :
B-17(13-15)

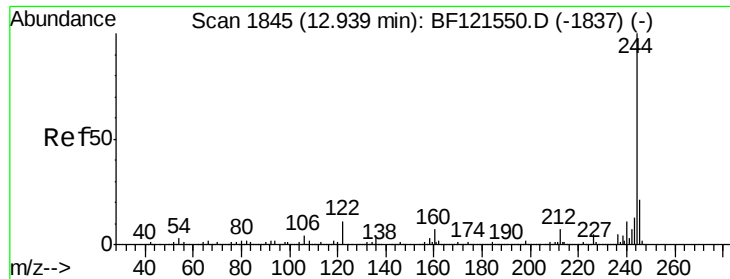
Tot Ion:240 Resp: 269859
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.1 20.9 31.3



#78
Pyrene
Concen: 68.545 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion:202 Resp: 1351491
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 66.445 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

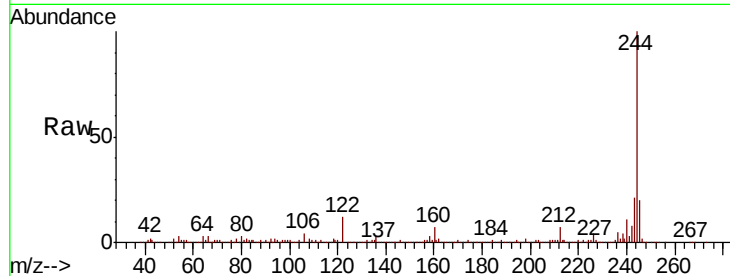
Tot Ion:244 Resp: 885076

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

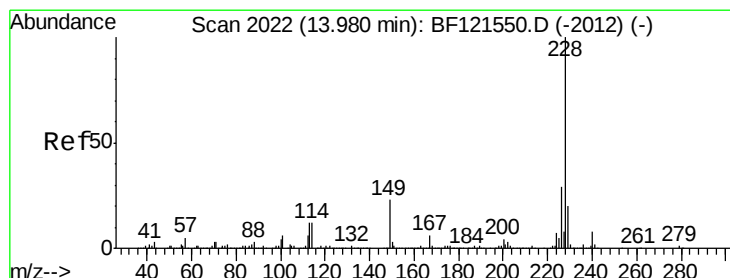
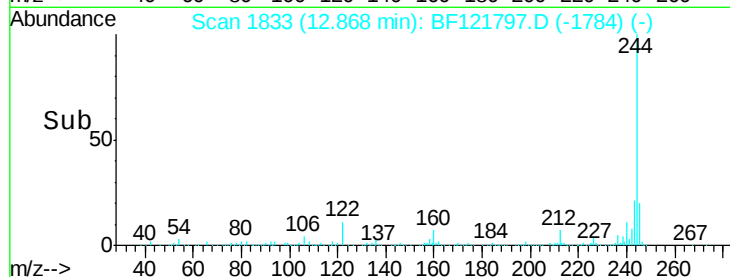
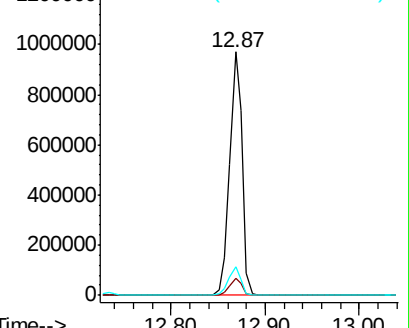
122 11.6 8.1 12.1



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: 56.316 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

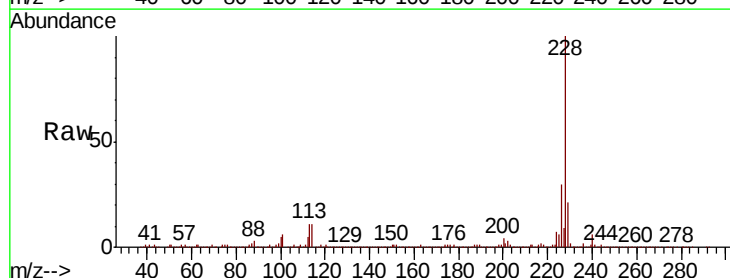
Tgt Ion:228 Resp: 961465

Ion Ratio Lower Upper

228 100

226 30.2 22.3 33.5

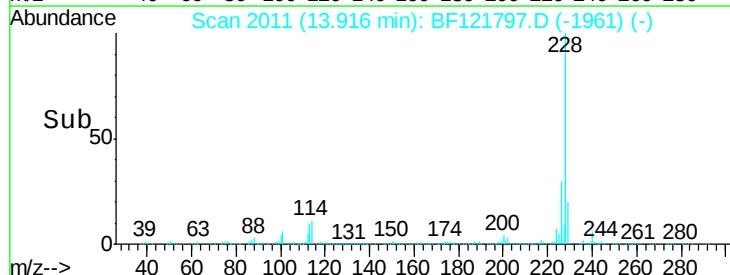
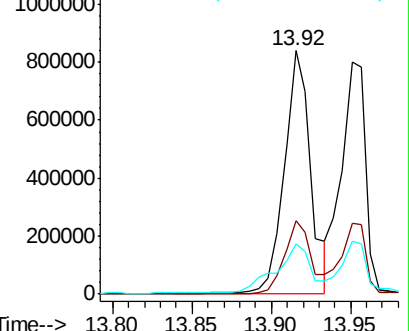
229 20.9 16.2 24.4

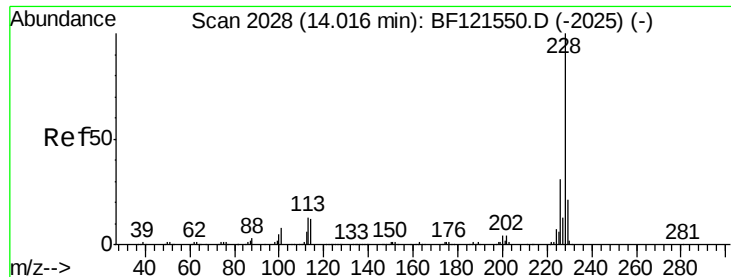


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 49.343 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

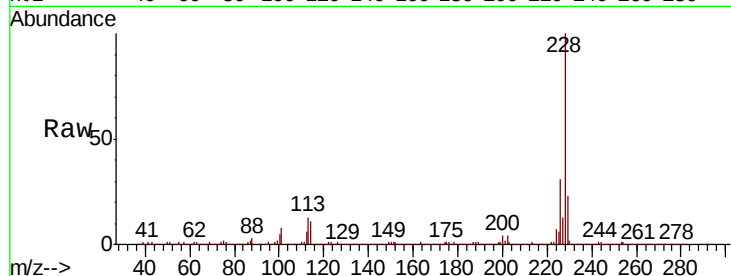
Tot Ion:228 Resp: 853060

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

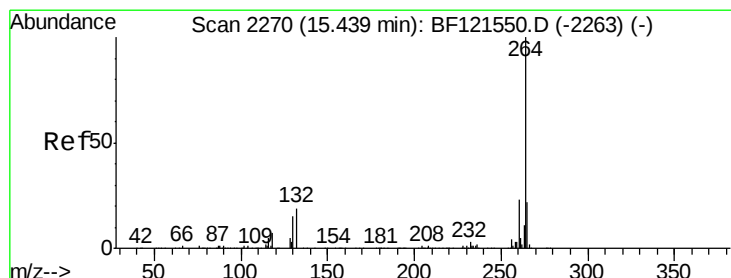
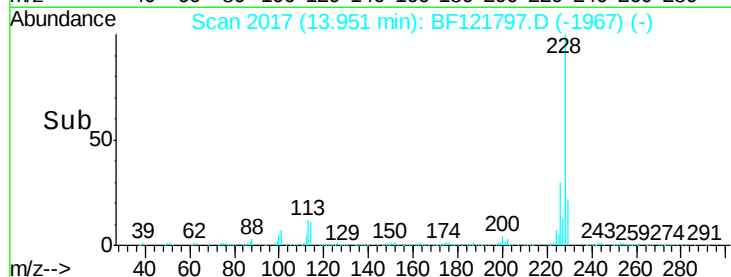
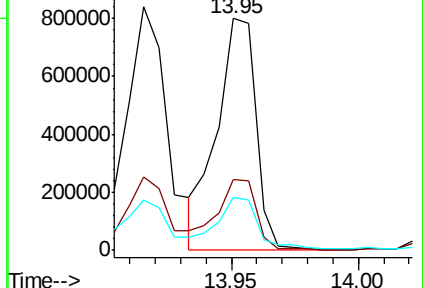
229 22.6 15.9 23.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

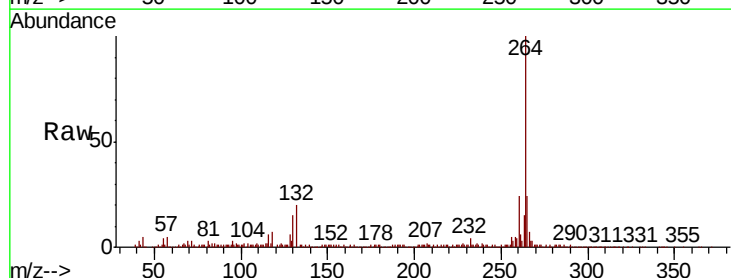
Tgt Ion:264 Resp: 289812

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

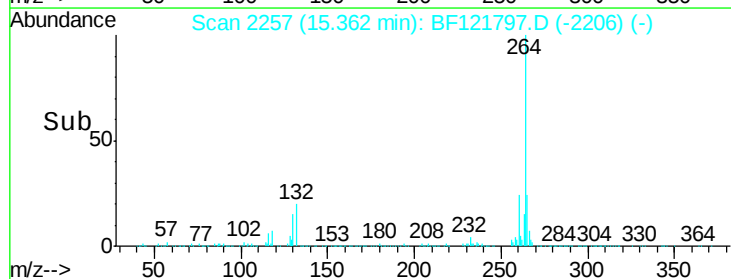
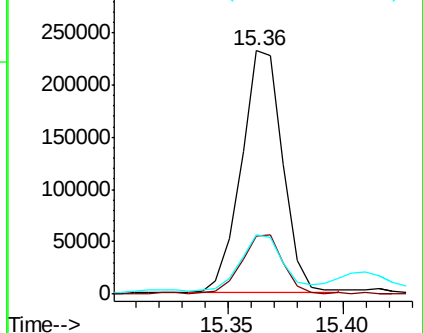
265 24.4 17.3 25.9

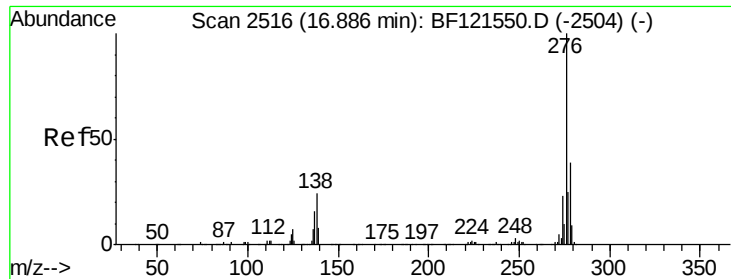


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

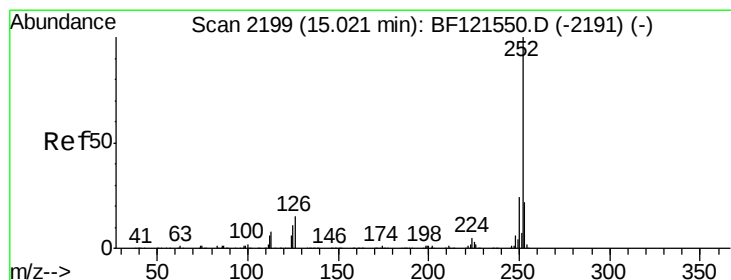
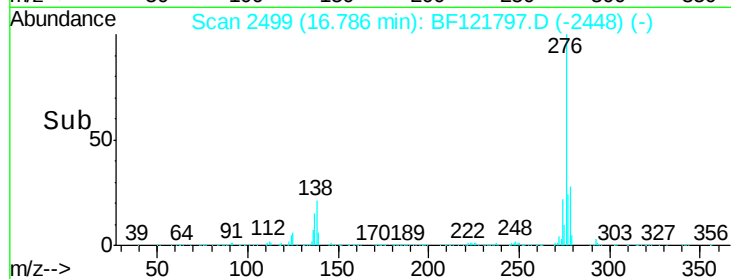
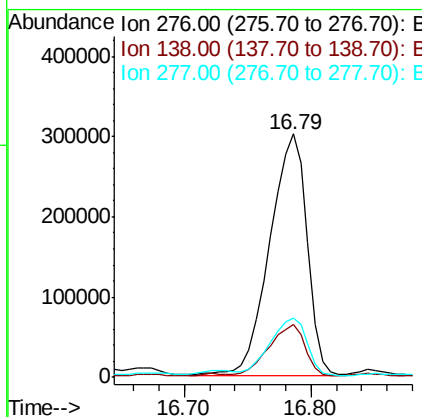
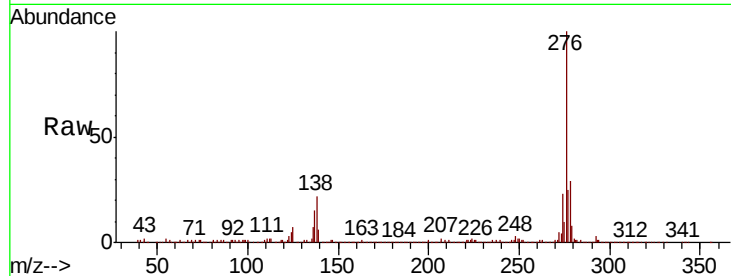




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.887 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BF121797.D
 Acq: 2 Oct 2020 16:41

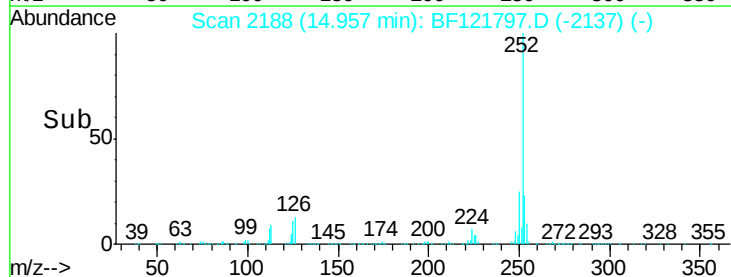
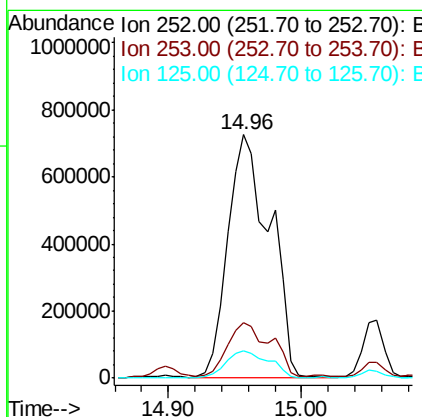
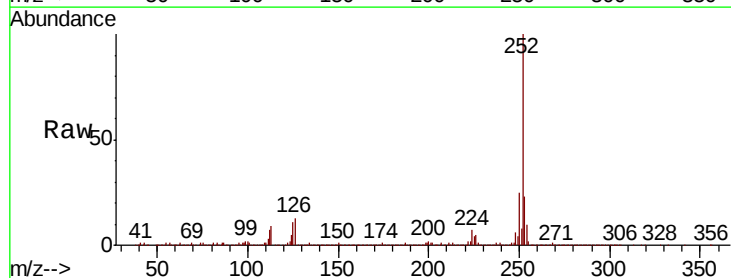
Instrument :
 BNA_F
 ClientSampleId :
 B-17(13-15)

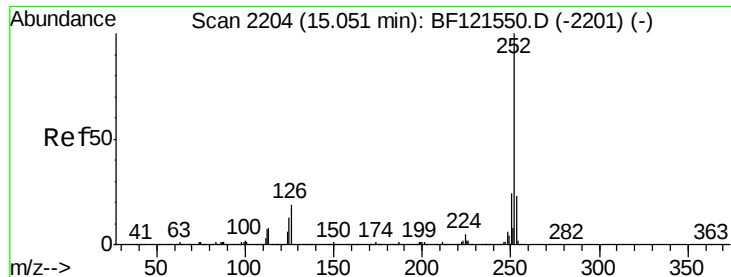
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.9	29.9
277	24.0	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 81.807 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BF121797.D
 Acq: 2 Oct 2020 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	11.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 89.334 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

Instrument :

BNA_F

ClientSampleId :

B-17(13-15)

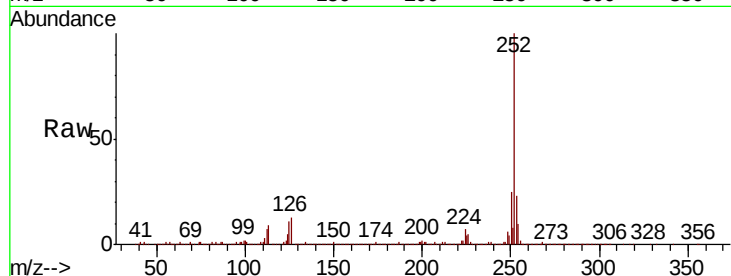
Tot Ion:252 Resp: 1584955

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

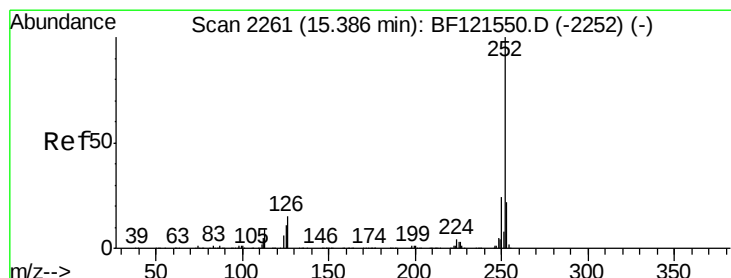
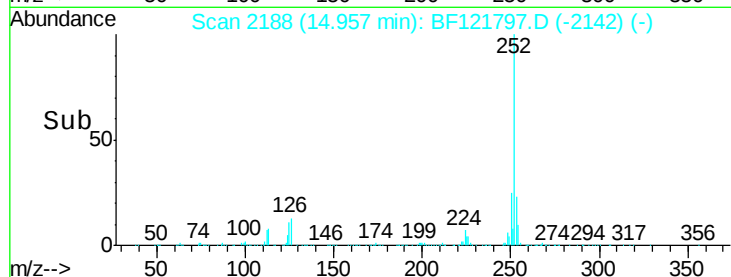
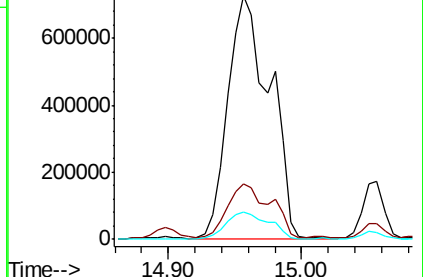
125 11.1 7.7 11.5



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



#90

Benzo(a)pyrene

Concen: 49.578 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF121797.D

Acq: 2 Oct 2020 16:41

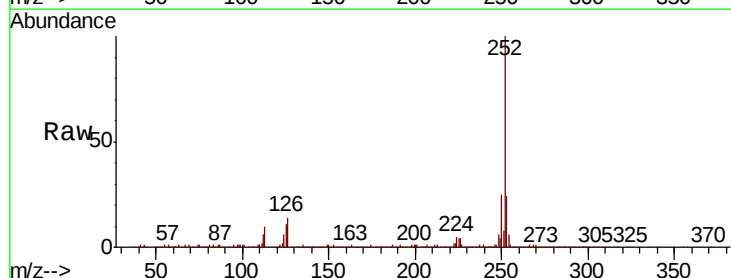
Tgt Ion:252 Resp: 816485

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

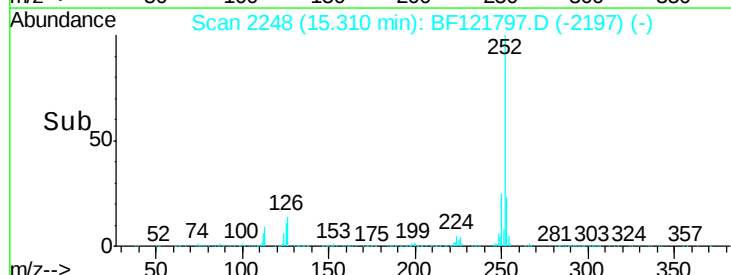
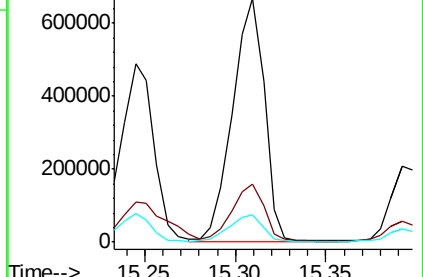
125 11.3 8.6 13.0

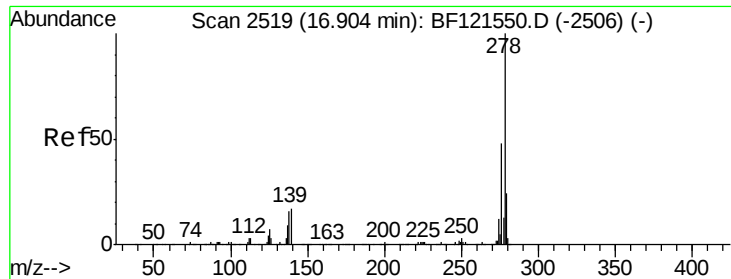


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

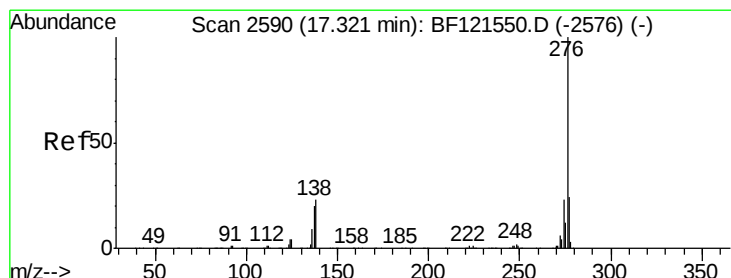
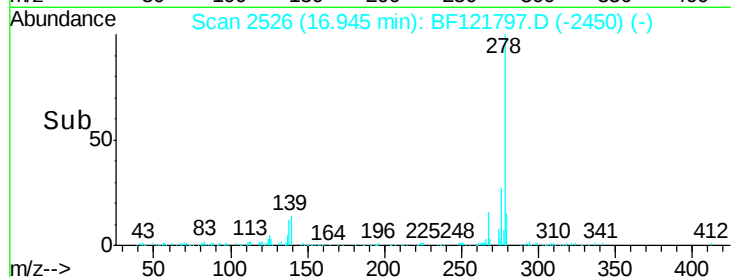
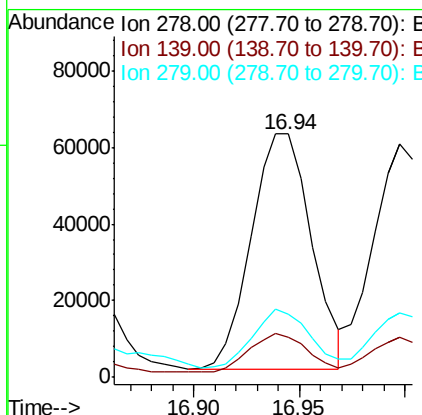
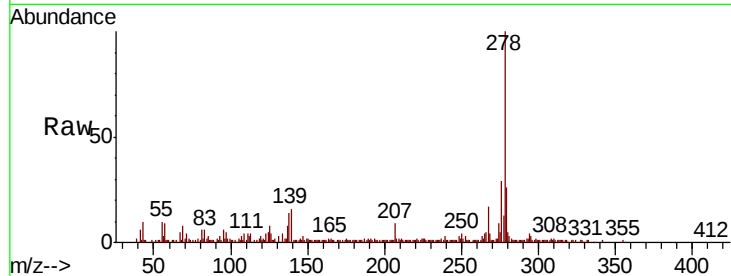




#91
Dibenzo(a,h)anthracene
Concen: 7.729 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.15 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Instrument :
BNA_F
ClientSampleId :
B-17(13-15)

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.4
279	26.1	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 36.334 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BF121797.D
Acq: 2 Oct 2020 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	20.8	17.8	26.6

