

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121762.D
 Acq On : 1 Oct 2020 3:12
 Operator : JU/CG
 Sample : L4193-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

Quant Time: Oct 01 04:35:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

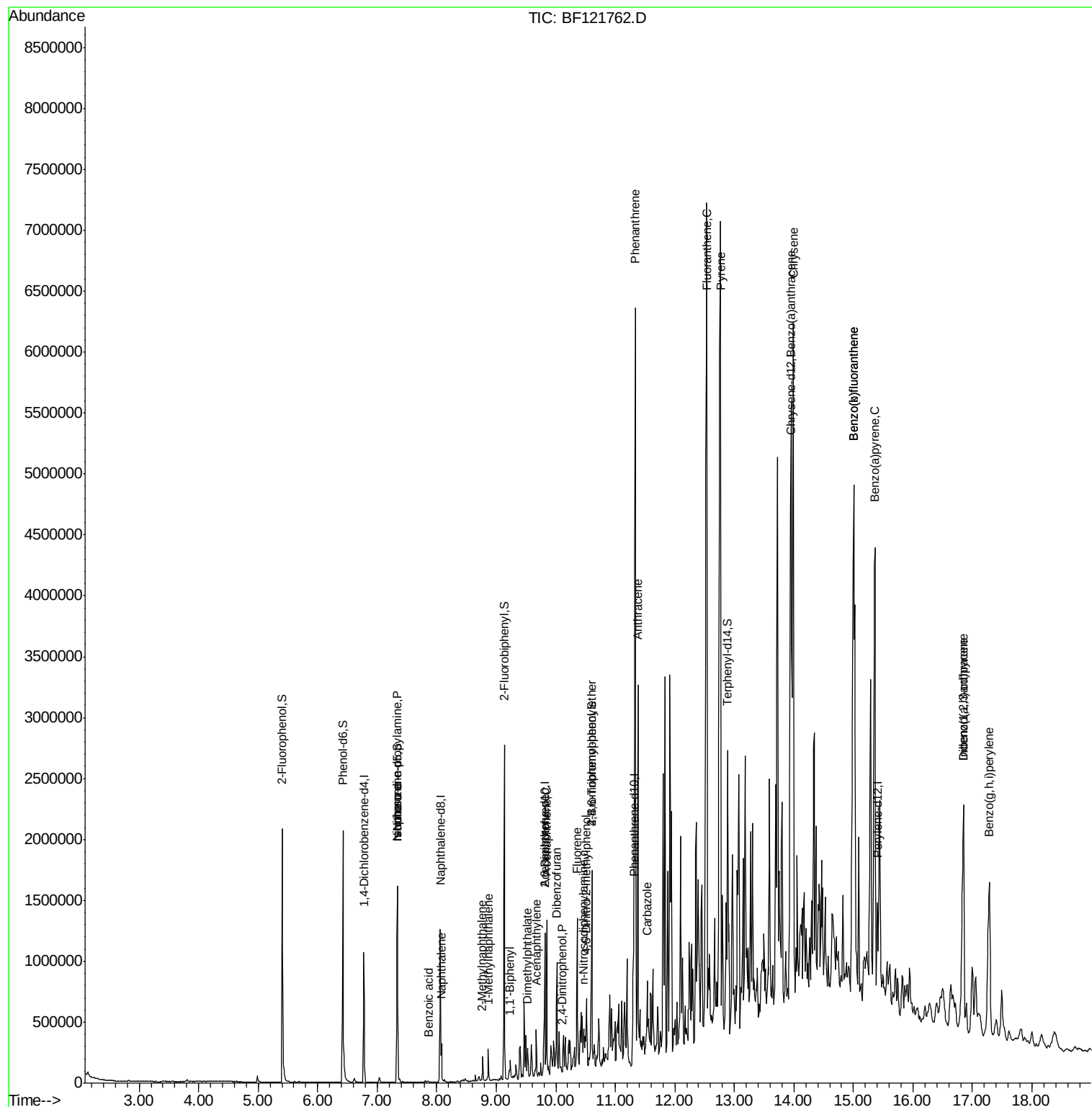
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	143260	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	534527	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	246661	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	381180	20.00	ng	0.00
76) Chrysene-d12	13.96	240	268030	20.00	ng	0.02
86) Perylene-d12	15.40	264	311738	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	615905	63.89	ng	0.00
7) Phenol-d6	6.42	99	770884	60.95	ng	0.00
23) Nitrobenzene-d5	7.34	82	510444	51.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	165989	54.14	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	855459	52.53	ng	-0.02
79) Terphenyl-d14	12.89	244	680203	51.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	67469	9.257	ng	# 78
25) Isophorone	7.34	82	501862	25.042	ng	# 66
31) Naphthalene	8.08	128	127207	4.508	ng	# 98
32) Benzoic acid	7.86	122	1843	7.172	ng	# 21
37) 2-Methylnaphthalene	8.77	142	58053	3.139	ng	# 98
38) 1-Methylnaphthalene	8.87	142	62853	3.652	ng	# 99
46) 1,1'-Biphenyl	9.23	154	41176	2.085	ng	# 97
49) Acenaphthylene	9.67	152	107543	4.498	ng	# 97
50) Dimethylphthalate	9.53	163	74452	4.165	ng	# 99
51) 2,6-Dinitrotoluene	9.82	165	42410	11.139	ng	# 28
52) Acenaphthene	9.85	154	233219	15.444	ng	# 99
54) 2,4-Dinitrophenol	10.11	184	819	9.379	ng	# 67
55) Dibenzofuran	10.02	168	234278	11.016	ng	# 94
58) Fluorene	10.36	166	343623	21.129	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.52	198	305	6.964	ng	# 1
66) n-Nitrosodiphenylamine	10.47	169	27588	2.110	ng	# 54
67) 4-Bromophenyl-phenylether	10.60	248	9873	2.275	ng	# 1
71) Phenanthrene	11.34	178	3317437	159.736	ng	# 98
72) Anthracene	11.38	178	1249582	58.305	ng	# 99
73) Carbazole	11.53	167	191840	9.919	ng	# 98
75) Fluoranthene	12.54	202	4605527	207.737	ng	# 97
78) Pyrene	12.77	202	4483315	228.938	ng	# 95
81) Benzo(a)anthracene	13.95	228	3204465	188.977	ng	# 96
83) Chrysene	13.99	228	2528220	147.237	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.85	276	1428801	70.380	ng	# 96
88) Benzo(b)fluoranthene	15.00	252	4369987	209.692	ng	# 98
89) Benzo(k)fluoranthene	15.00	252	4369987	228.986	ng	# 99
90) Benzo(a)pyrene	15.36	252	2449017	138.247	ng	# 96
91) Dibenzo(a,h)anthracene	16.85	278	509486	30.148	ng	# 95
92) Benzo(g,h,i)perylene	17.29	276	1274815	76.742	ng	# 98

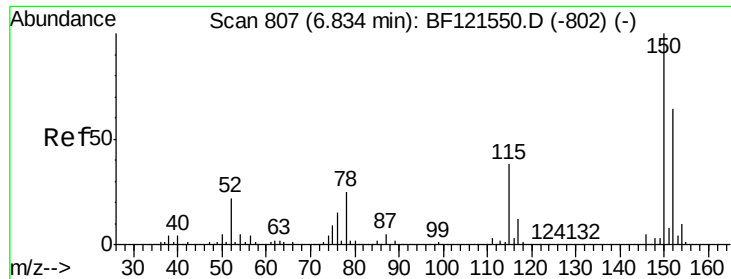
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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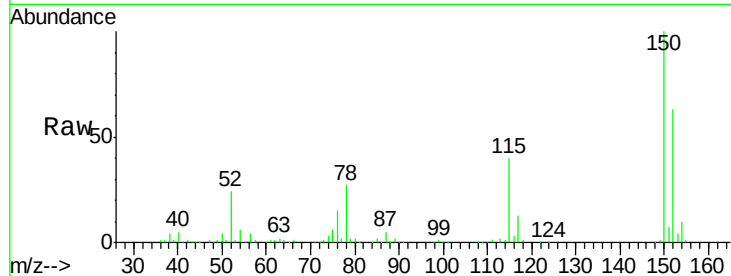


#1

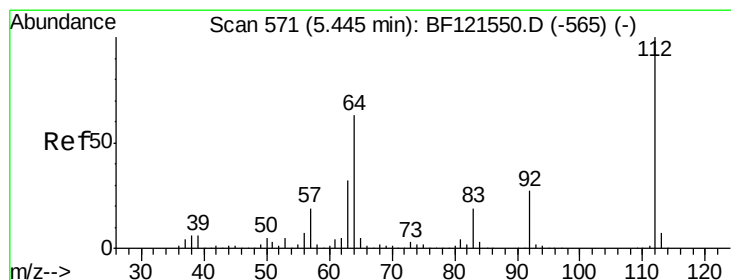
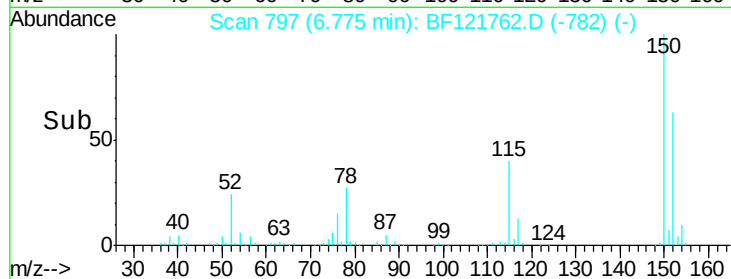
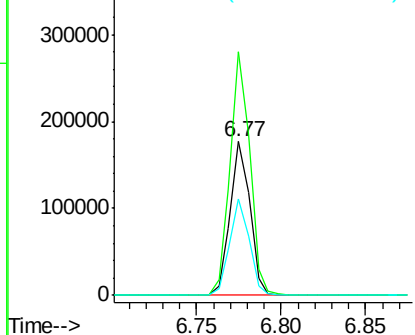
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

Tot Ion:152 Resp: 143260
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.8 188.8
 115 63.1 49.6 74.4



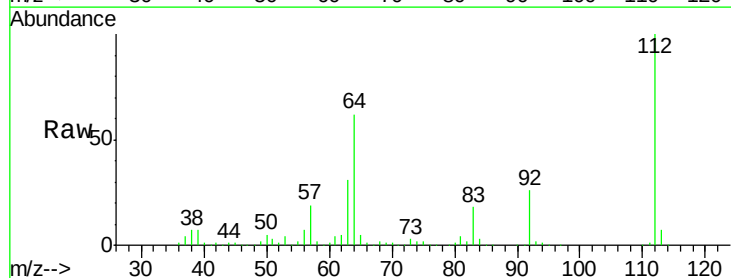
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



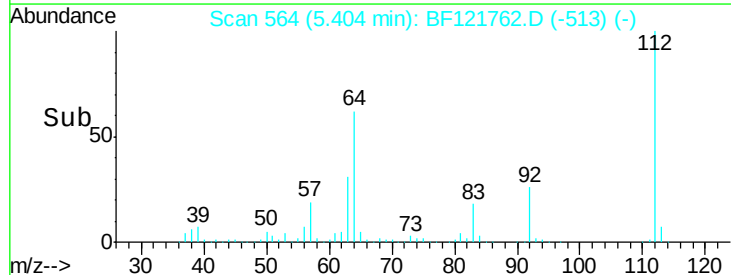
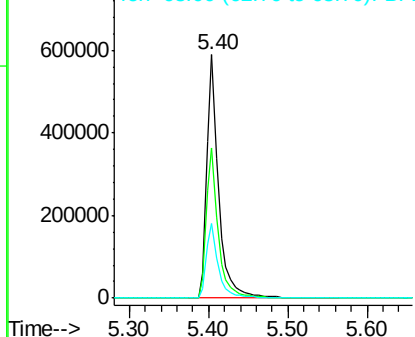
#5

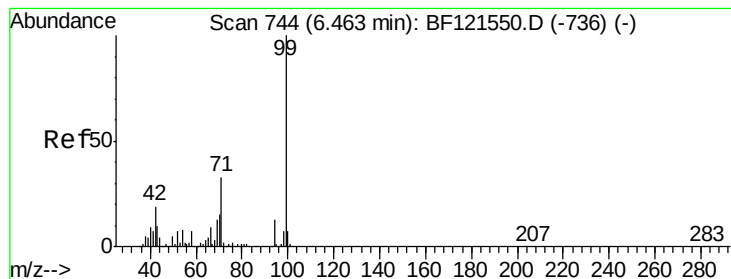
2-Fluorophenol
 Concen: 63.892 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion:112 Resp: 615905
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.2 76.8
 63 30.9 25.9 38.9



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: 60.954 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Instrument :

BNA_F

ClientSampleId :

B-14(13-14)

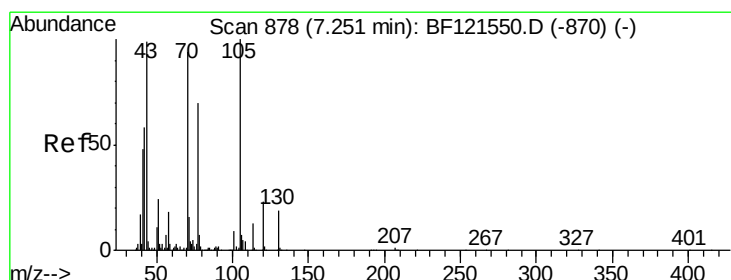
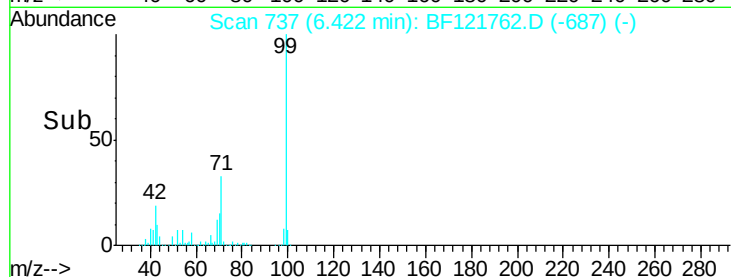
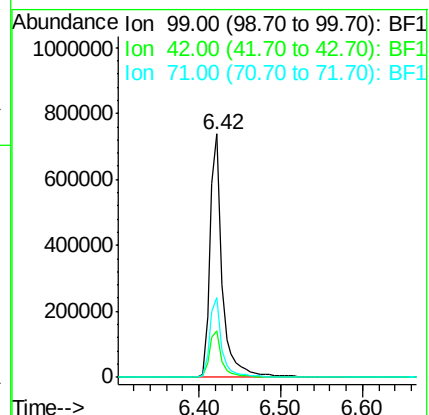
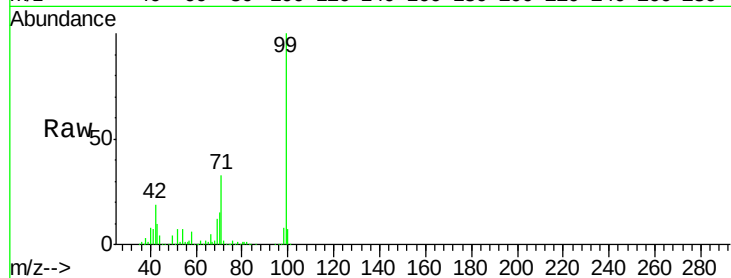
Tot Ion: 99 Resp: 770884

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

71 32.9 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.257 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.13 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Tgt Ion: 70 Resp: 67469

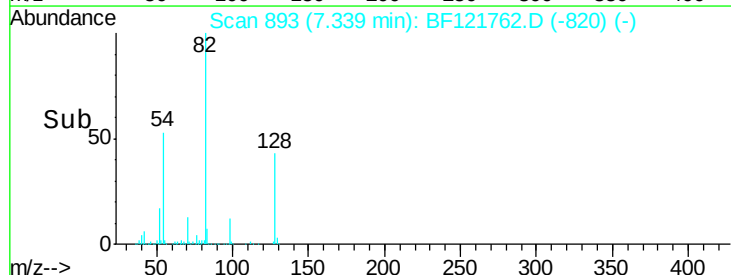
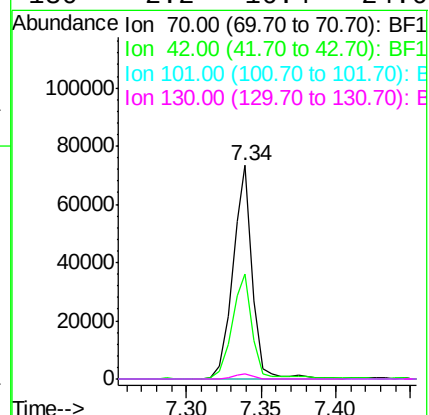
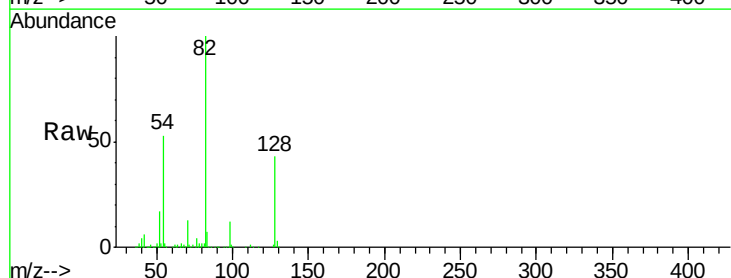
Ion Ratio Lower Upper

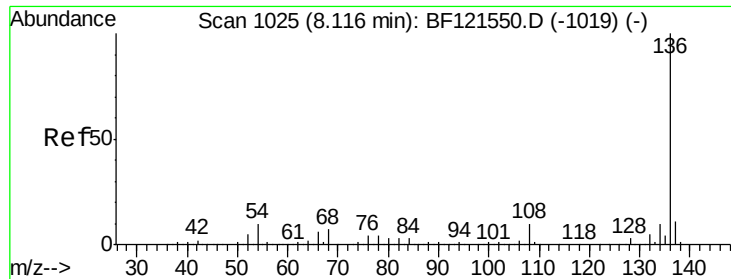
70 100

42 49.0 48.6 73.0

101 0.0 7.5 11.3#

130 2.2 16.4 24.6#

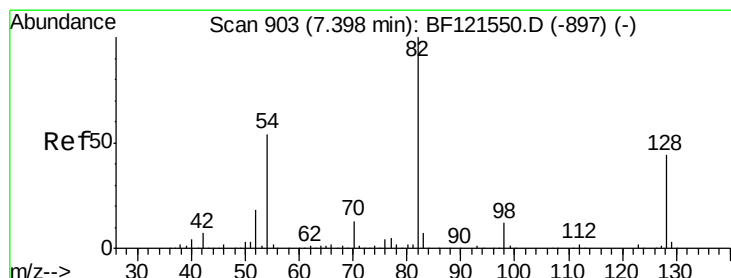
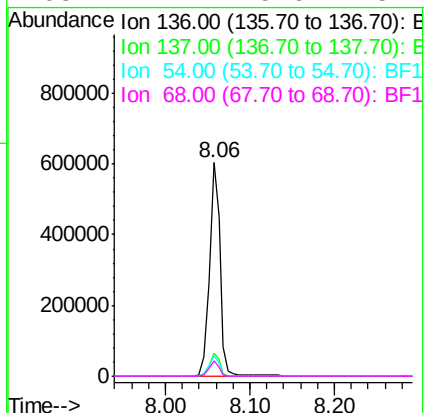
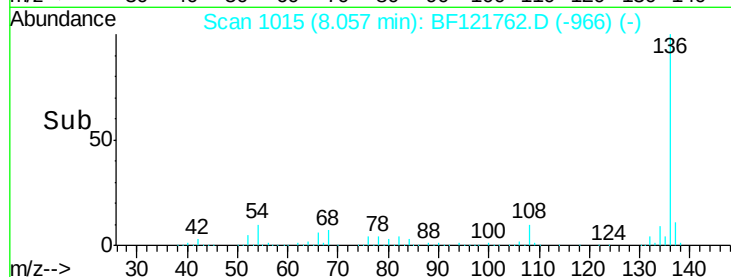
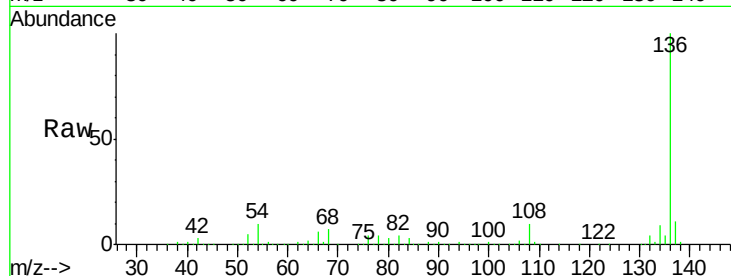




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

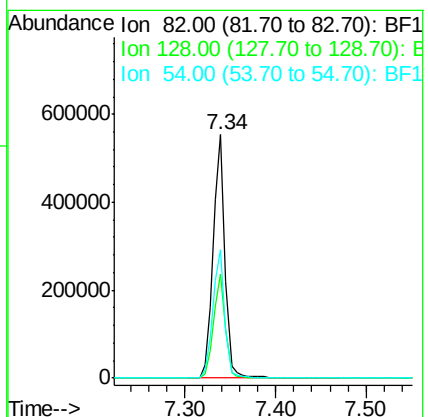
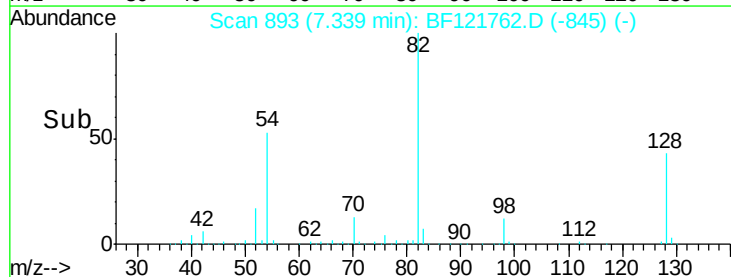
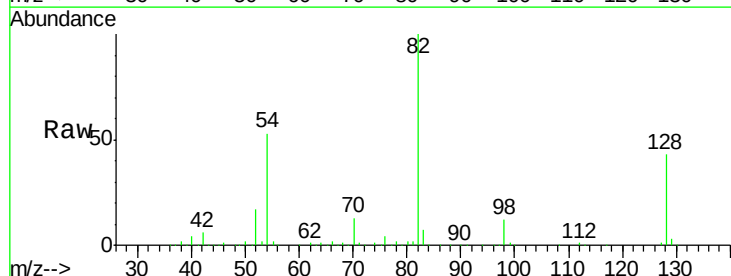
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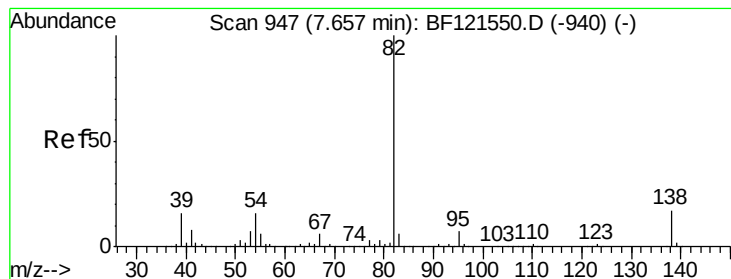
Tot Ion:136	Resp:	534527
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	9.8	7.8 11.8
68	7.1	5.6 8.4



#23
Nitrobenzene-d5
Concen: 51.273 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion: 82	Resp:	510444
Ion Ratio	Lower	Upper
82	100	
128	42.8	35.0 52.4
54	52.9	42.5 63.7





#25

Isophorone

Concen: 25.042 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.28 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Instrument :

BNA_F

ClientSampleId :

B-14(13-14)

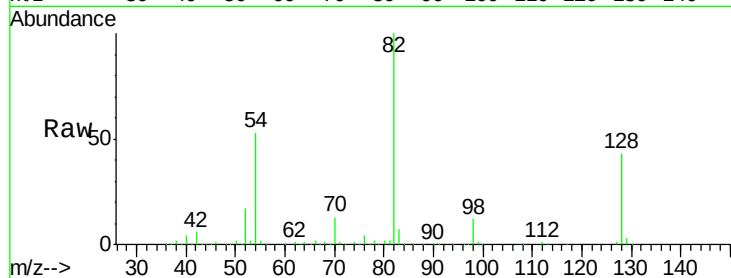
Tot Ion: 82 Resp: 501862

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

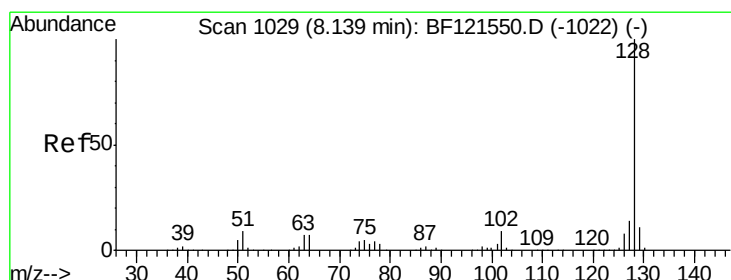
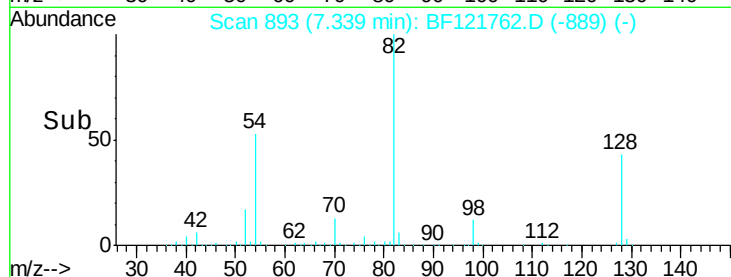
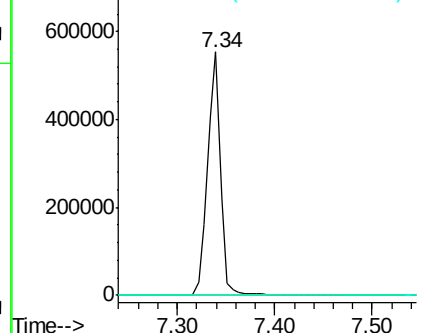
138 0.0 13.9 20.9#



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: 4.508 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

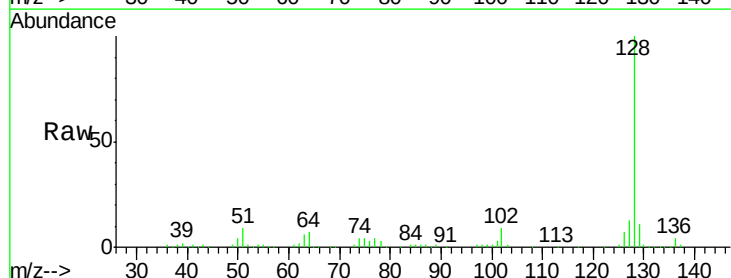
Tgt Ion: 128 Resp: 127207

Ion Ratio Lower Upper

128 100

129 10.5 9.2 13.8

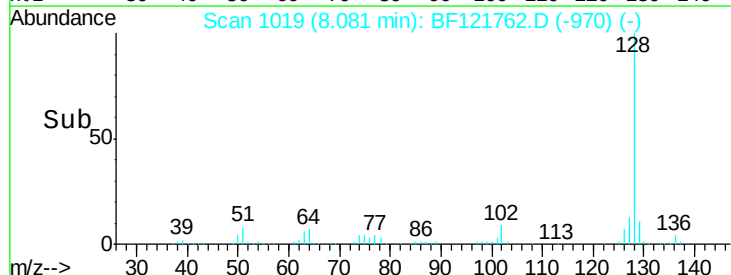
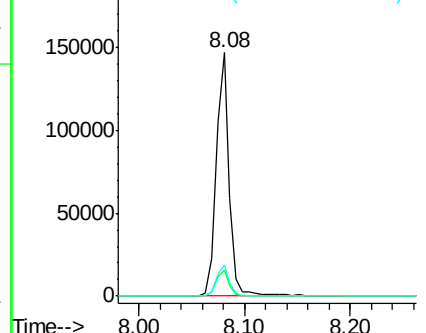
127 12.6 10.9 16.3

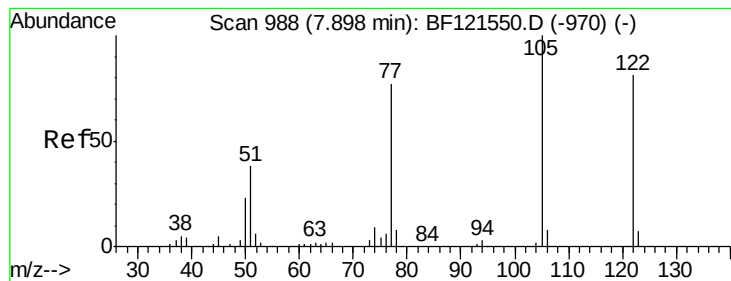


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.172 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF121762.D

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ClientSampleId :

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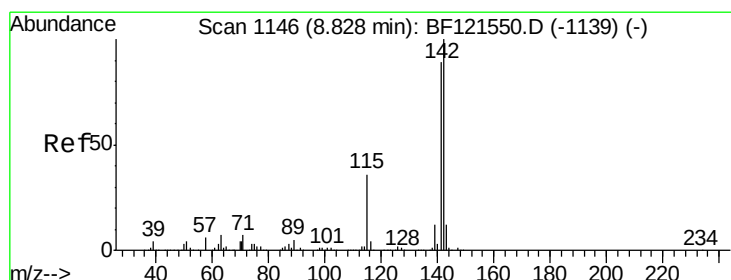
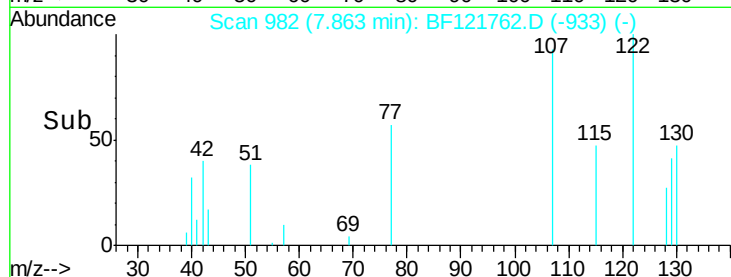
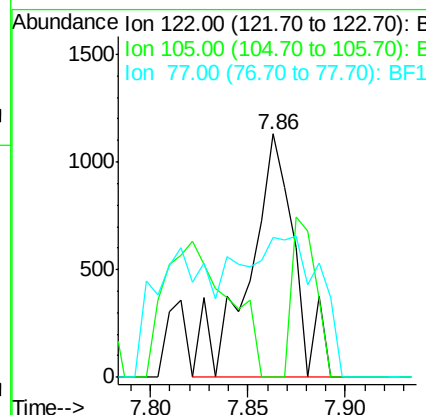
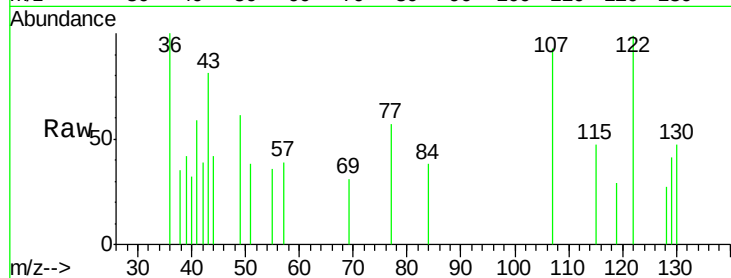
Tot Ion:122 Resp: 1843

Ion Ratio Lower Upper

122 100

105 0.0 103.8 143.8#

77 57.3 75.8 115.8#



#37

2-Methylnaphthalene

Concen: 3.139 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

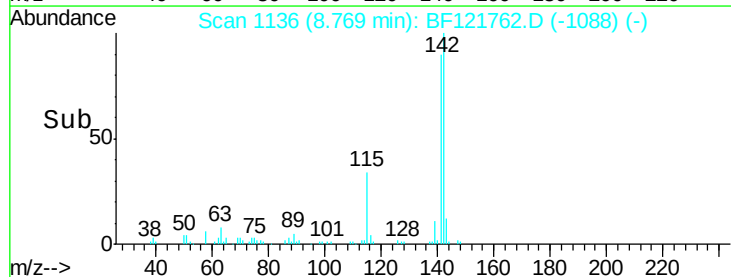
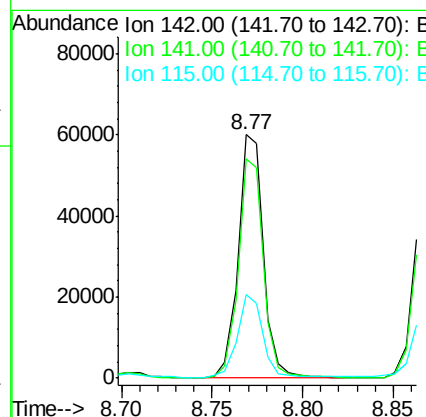
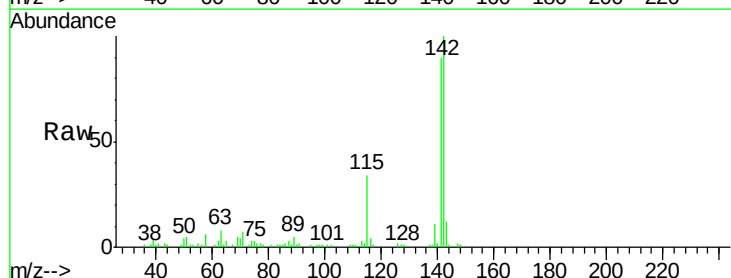
Tgt Ion:142 Resp: 58053

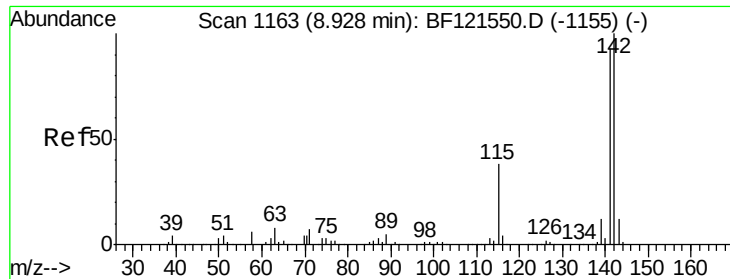
Ion Ratio Lower Upper

142 100

141 90.3 70.1 105.1

115 34.5 28.0 42.0

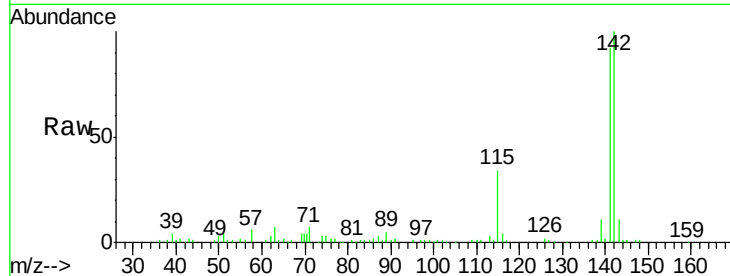




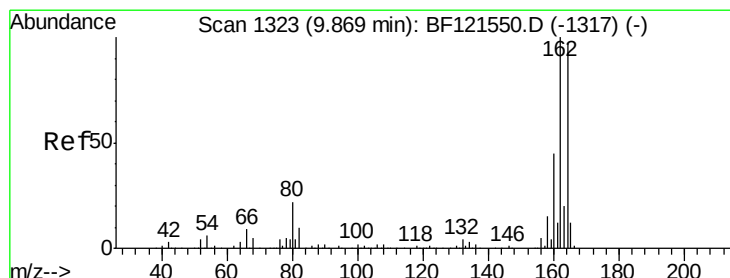
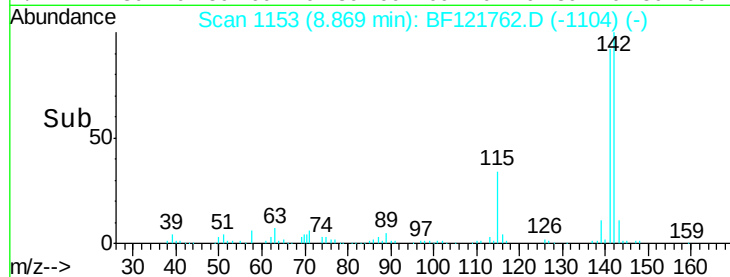
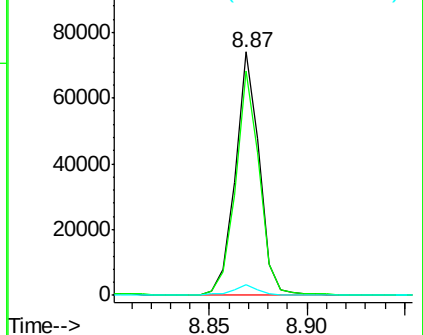
#38
1-Methylnaphthalene
Concen: 3.652 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Instrument :
BNA_F
ClientSampleId :
B-14(13-14)

Tot Ion:142 Resp: 62853
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8
116 4.2 3.2 4.8

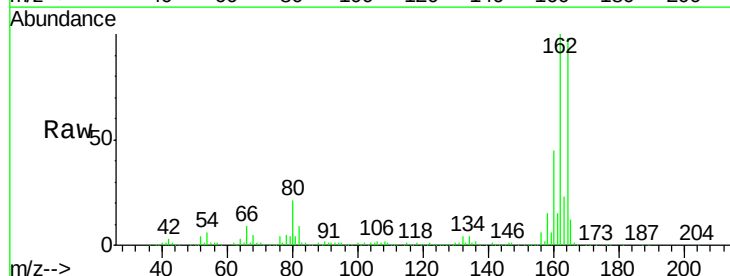


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

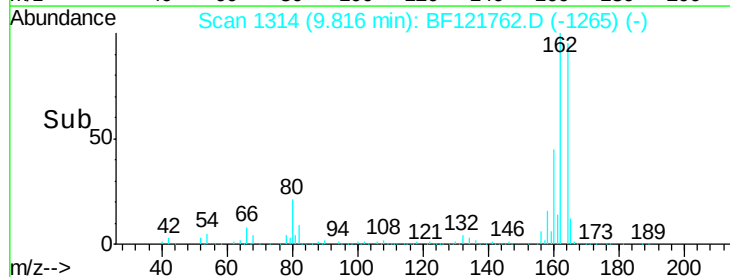
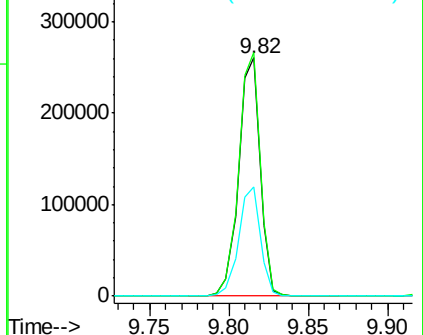


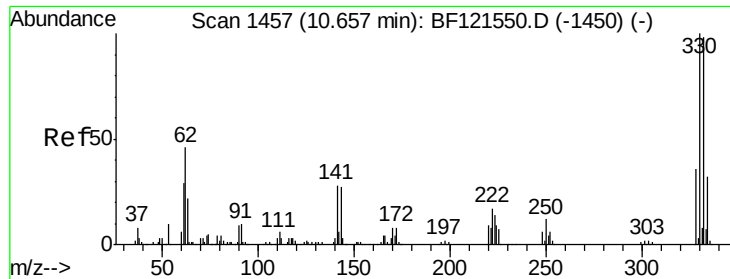
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion:164 Resp: 246661
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 45.8 36.9 55.3



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

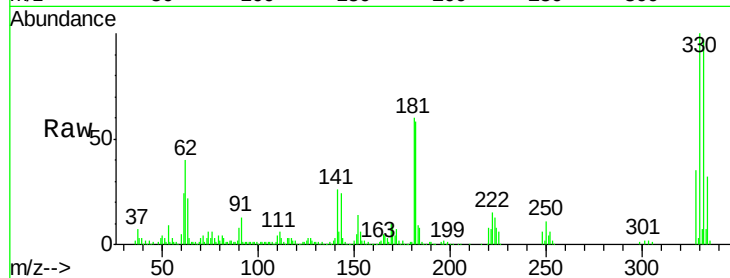




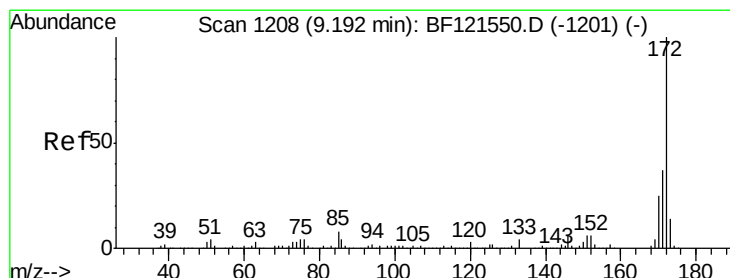
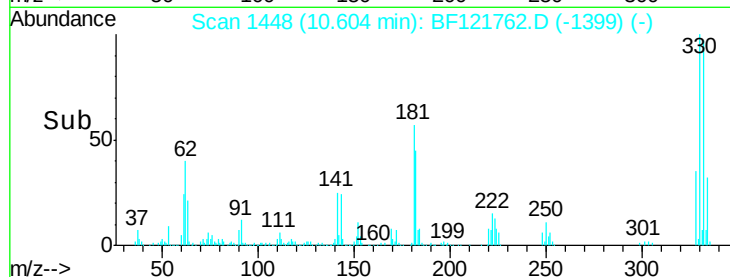
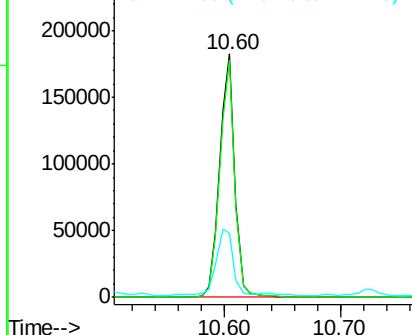
#42
 2,4,6-Tribromophenol
 Concen: 54.145 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	31.0	22.9	34.3

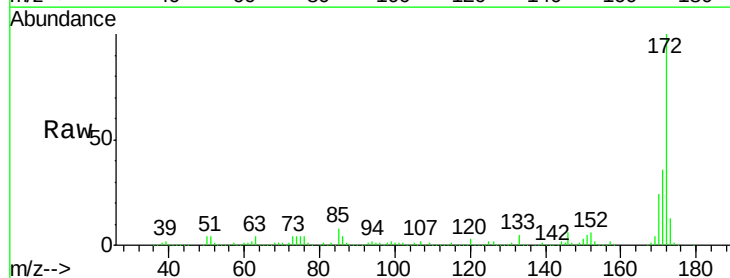


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

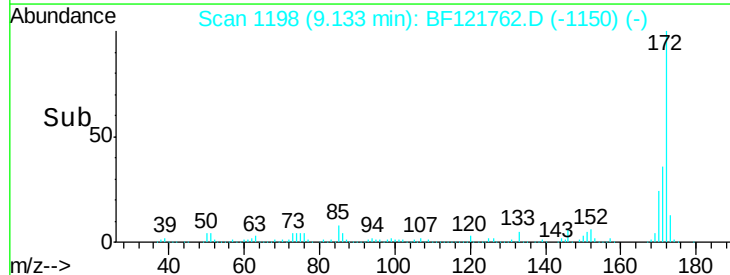
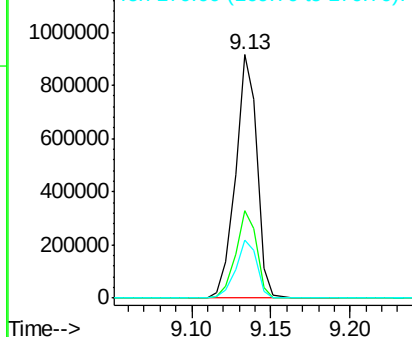


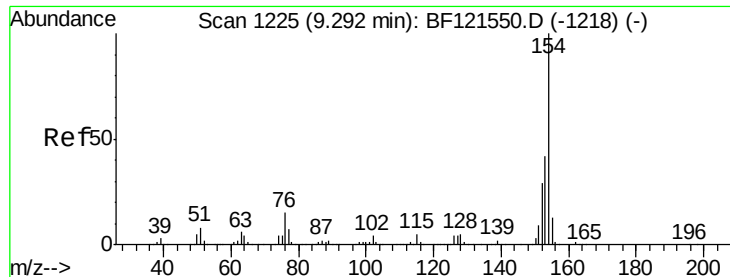
#45
 2-Fluorobiphenyl
 Concen: 52.526 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.9	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

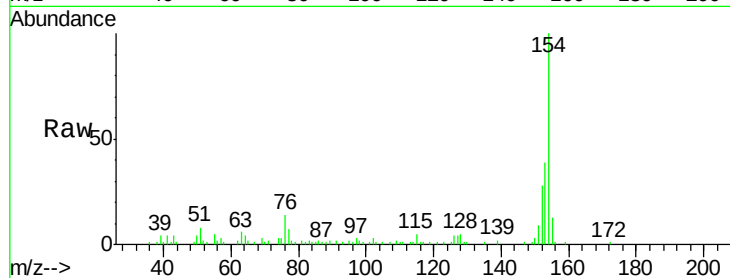




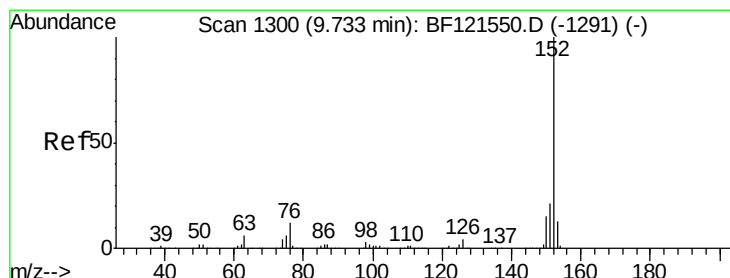
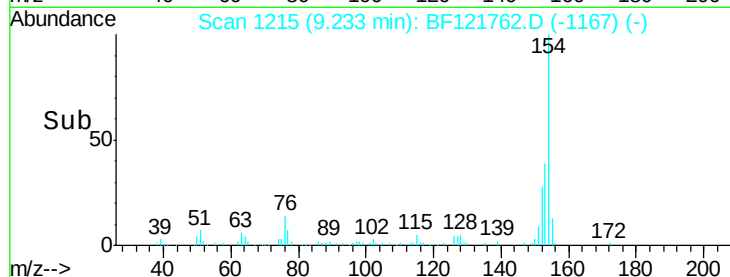
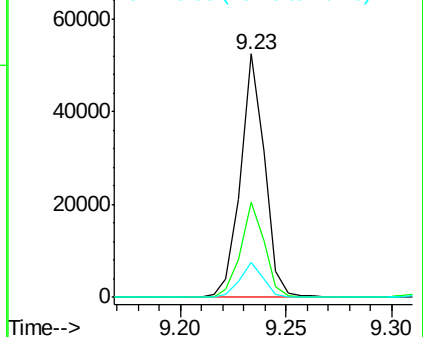
#46
 1,1'-Biphenyl
 Concen: 2.085 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.2	61.2
76	14.2	0.0	33.3

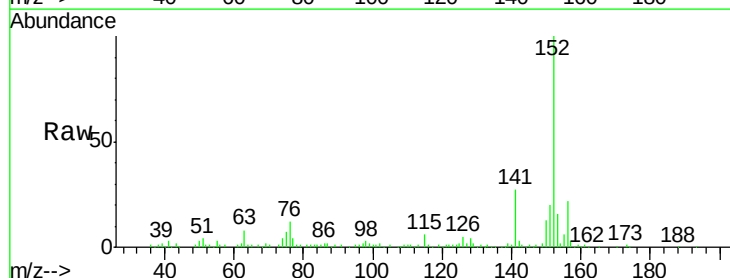


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

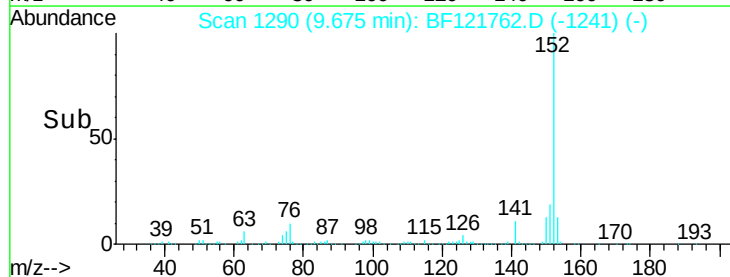
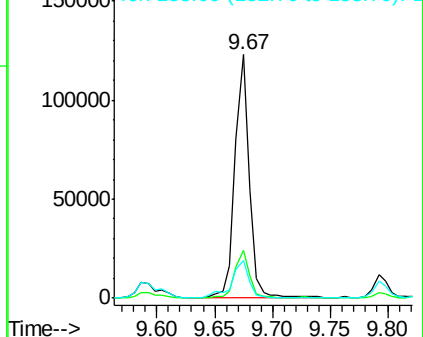


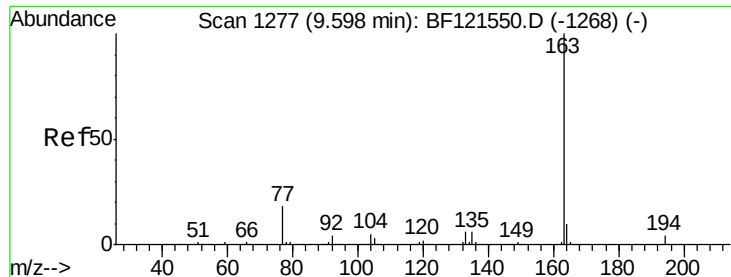
#49
 Acenaphthylene
 Concen: 4.498 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	15.5	10.9	16.3



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





#50

Dimethylphthalate

Concen: 4.165 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Instrument :

BNA_F

ClientSampled :

B-14(13-14)

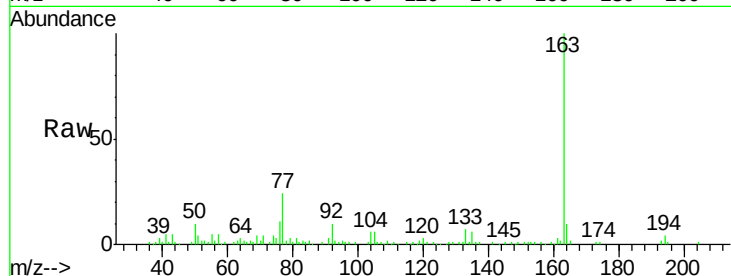
Tot Ion:163 Resp: 74452

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

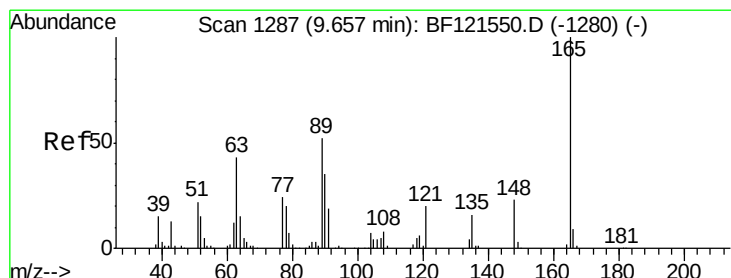
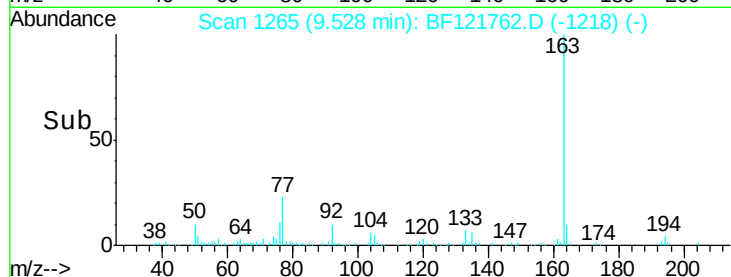
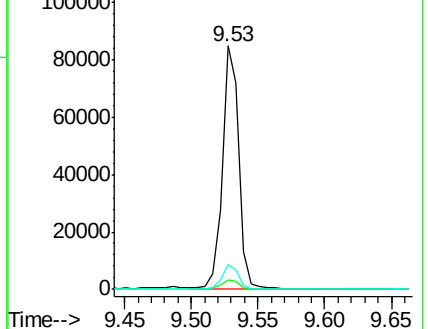
164 10.0 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 11.139 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.20 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

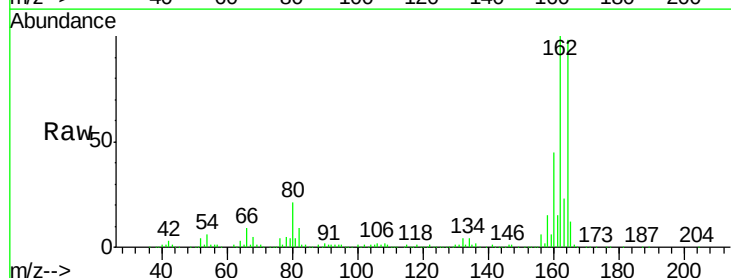
Tgt Ion:165 Resp: 42410

Ion Ratio Lower Upper

165 100

63 2.2 43.8 65.6#

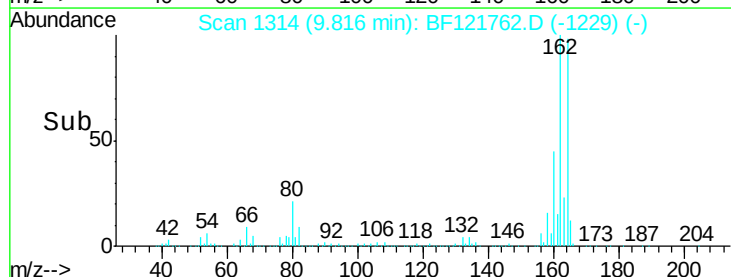
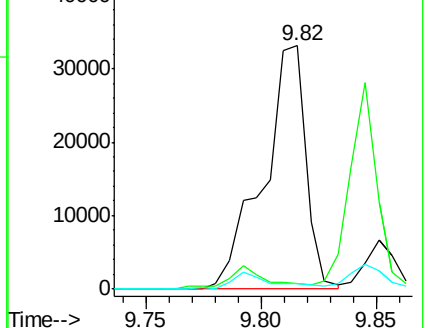
89 2.2 43.0 64.4#

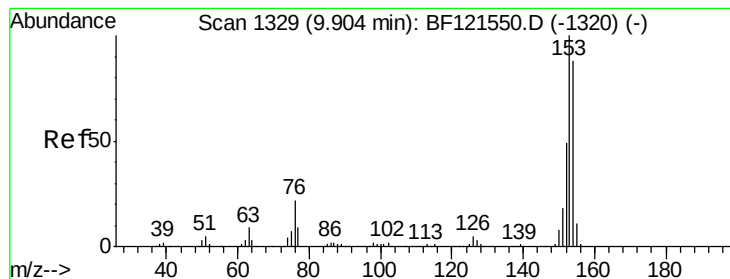


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 15.444 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Instrument :

BNA_F

ClientSampleId :

B-14(13-14)

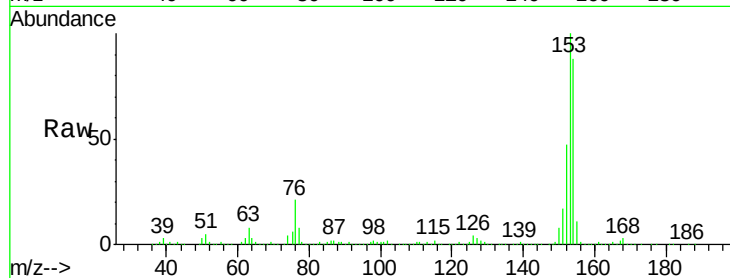
Tot Ion:154 Resp: 233219

Ion Ratio Lower Upper

154 100

153 113.8 90.7 136.1

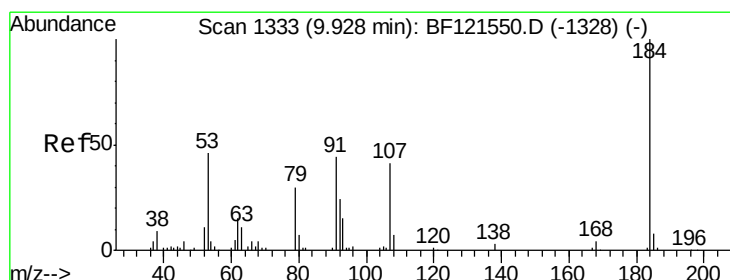
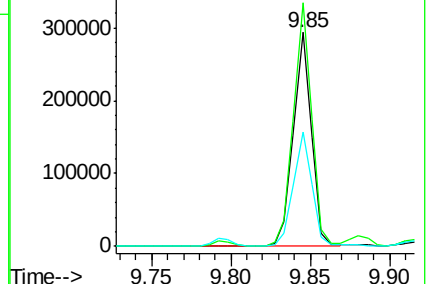
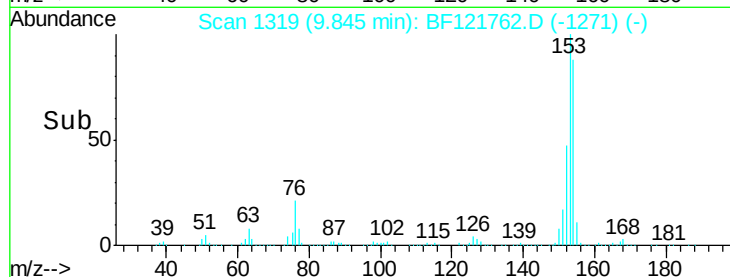
152 53.4 43.9 65.9



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: 9.379 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.22 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

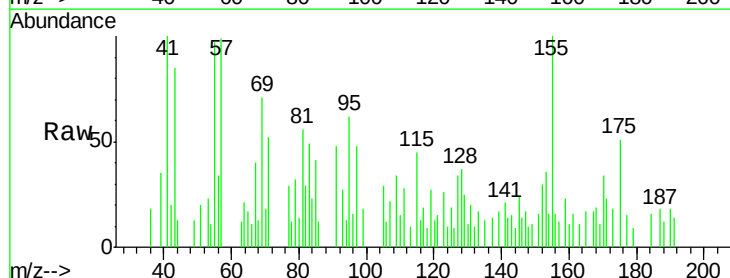
Tgt Ion:184 Resp: 819

Ion Ratio Lower Upper

184 100

63 73.2 50.1 75.1

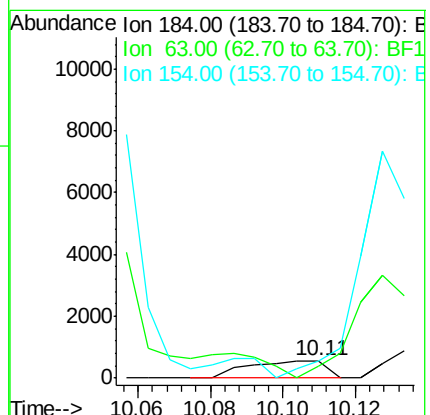
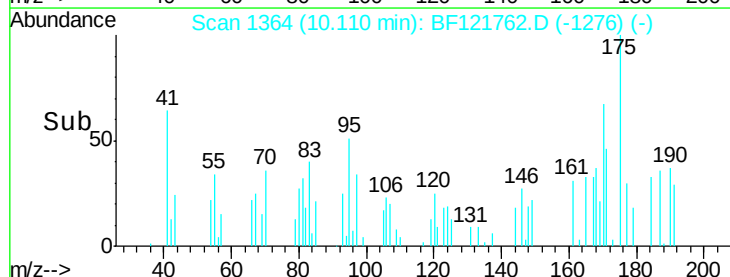
154 99.3 47.0 70.6#

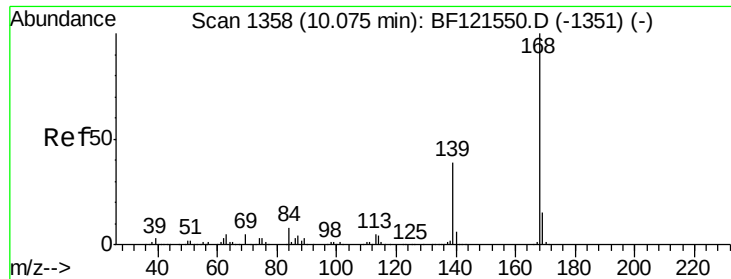


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

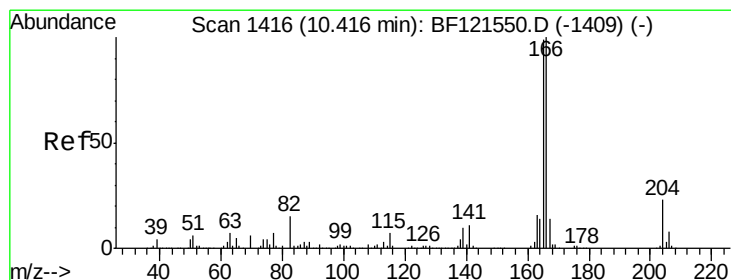
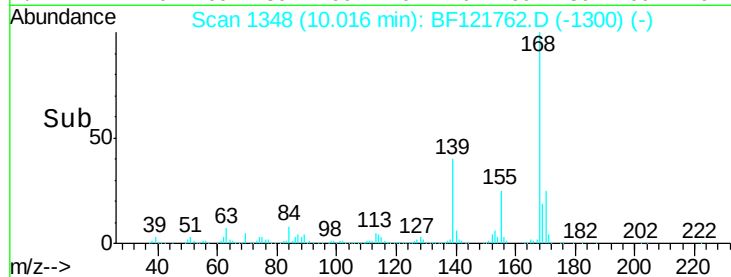
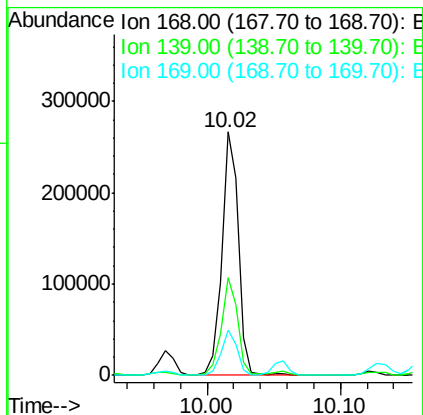
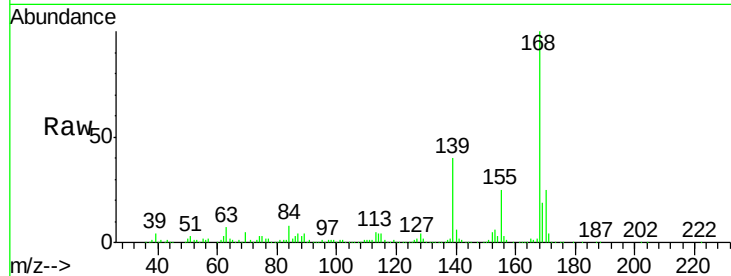




#55
Dibenzenofuran
Concen: 11.016 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

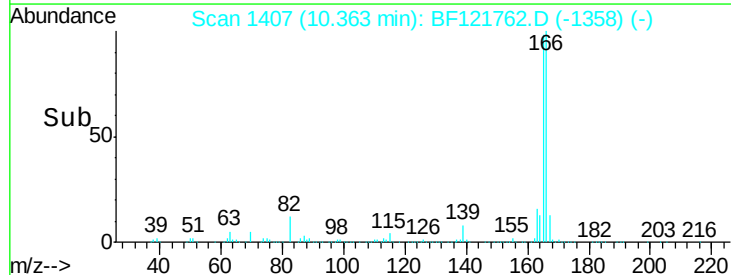
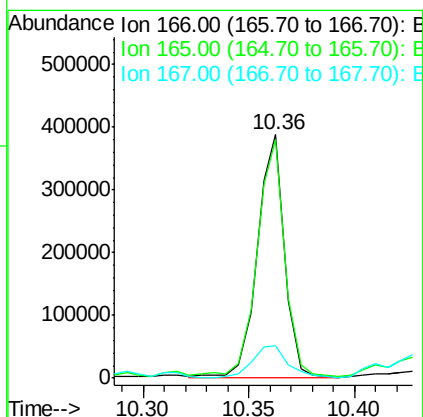
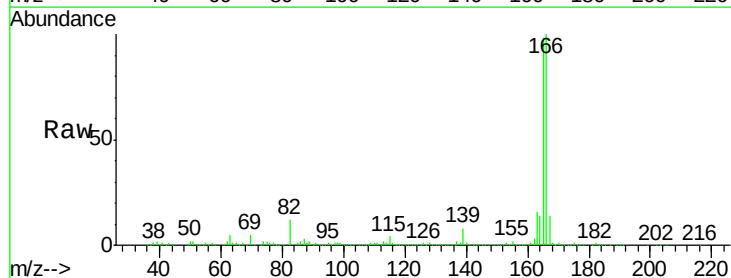
Instrument :
BNA_F
ClientSampleId :
B-14(13-14)

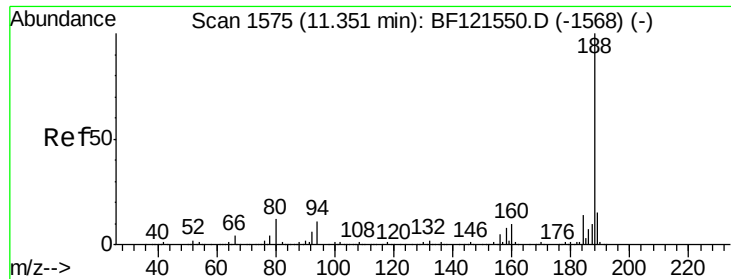
Tot Ion:168 Resp: 234278
Ion Ratio Lower Upper
168 100
139 40.0 30.3 45.5
169 18.7 11.2 16.8#



#58
Fluorene
Concen: 21.129 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion:166 Resp: 343623
Ion Ratio Lower Upper
166 100
165 98.1 79.2 118.8
167 13.6 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Instrument :

BNA_F

ClientSampled :

B-14(13-14)

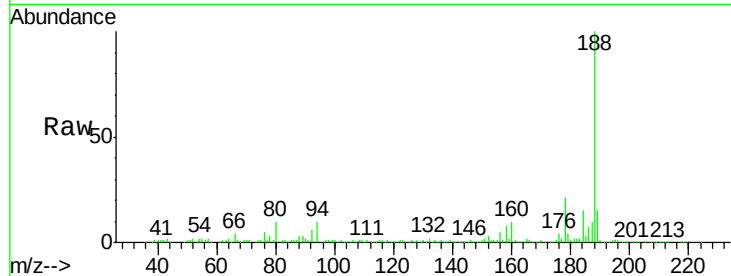
Tot Ion:188 Resp: 381180

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

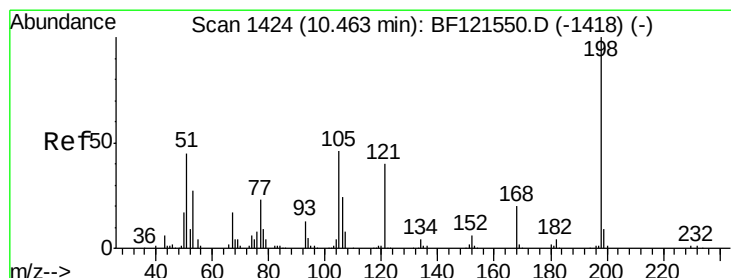
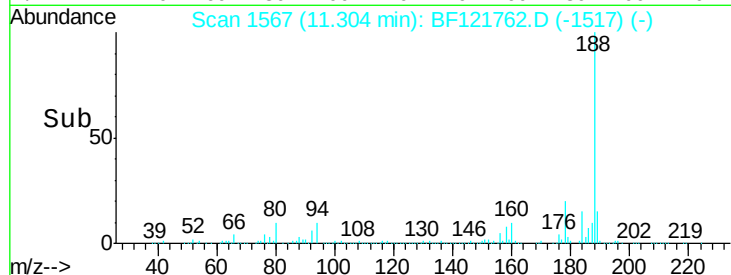
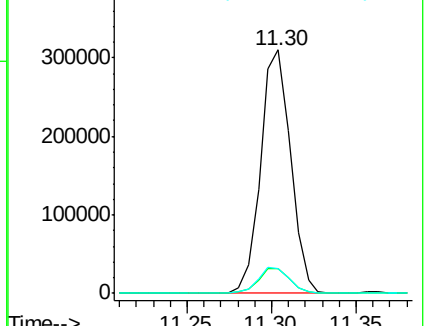
80 10.4 8.9 13.3



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: 6.964 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.09 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

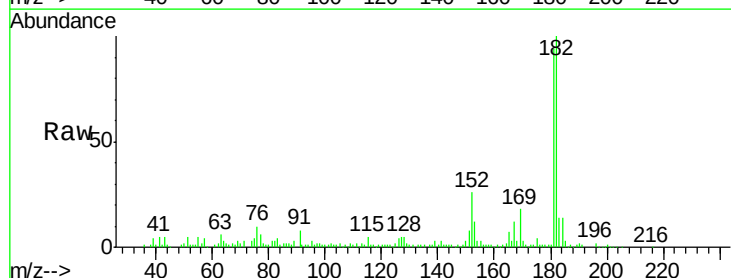
Tgt Ion:198 Resp: 305

Ion Ratio Lower Upper

198 100

51 976.5 34.7 74.7#

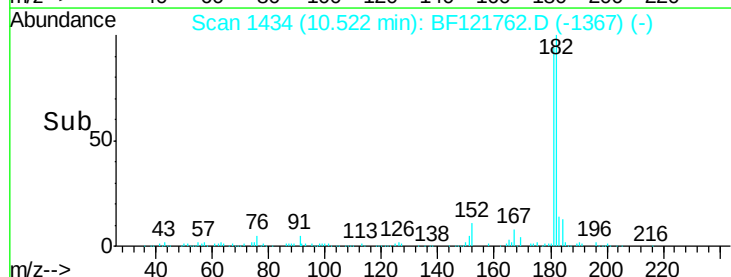
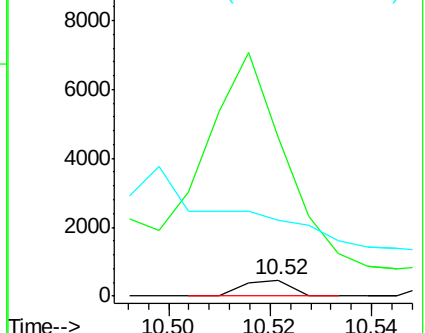
105 471.0 27.8 67.8#

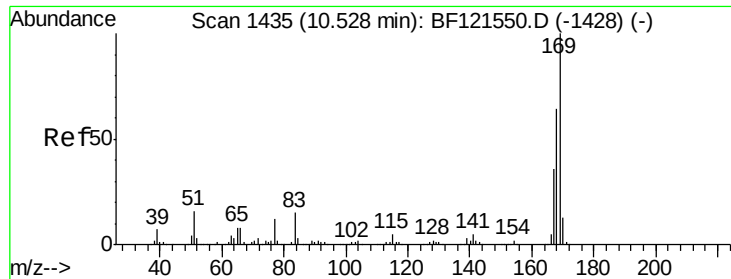


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

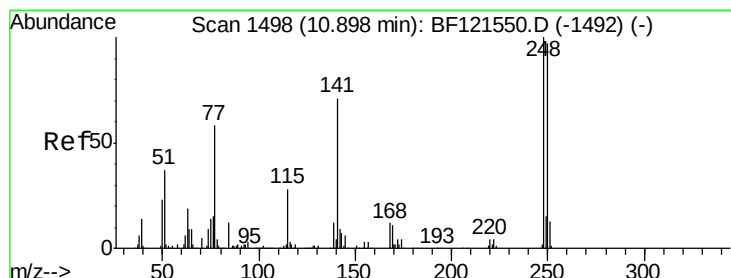
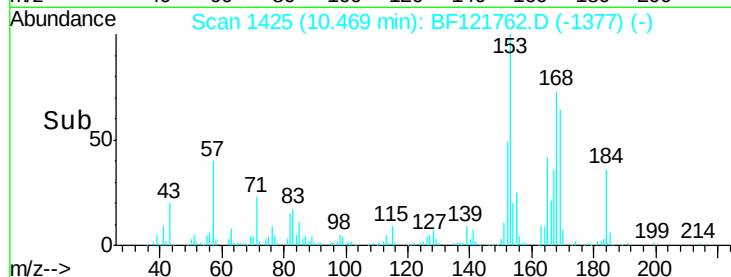
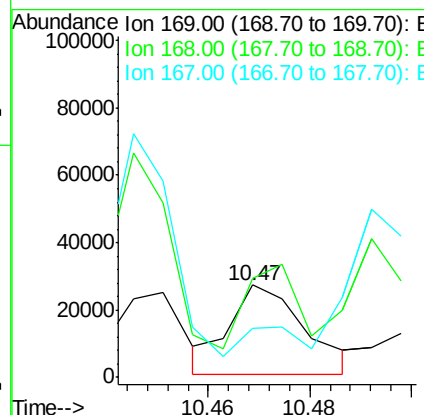
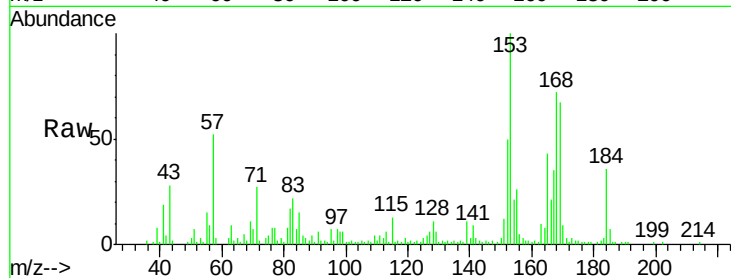




#66
 n-Nitrosodiphenylamine
 Concen: 2.110 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

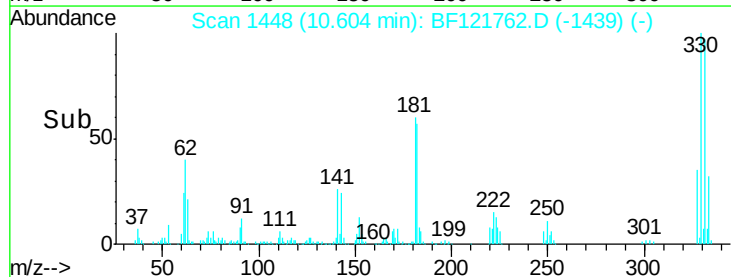
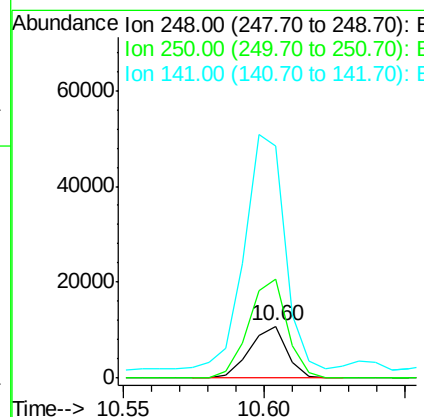
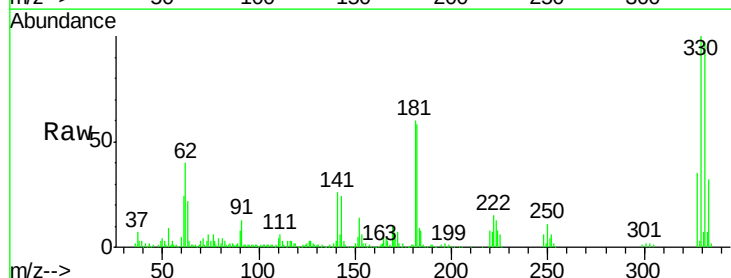
Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

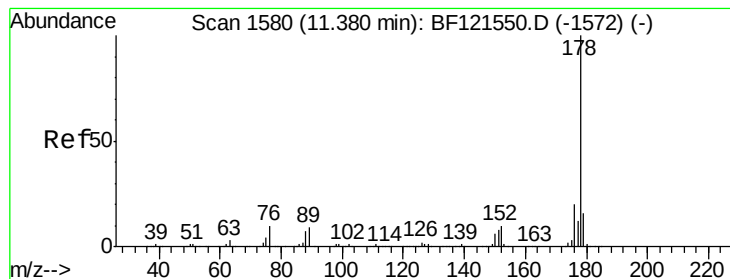
Tot Ion:169 Resp: 27588
 Ion Ratio Lower Upper
 169 100
 168 107.2 51.0 76.6#
 167 52.8 28.4 42.6#



#67
 4-Bromophenyl-phenylether
 Concen: 2.275 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion:248 Resp: 9873
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.6 118.0#
 141 448.3 60.0 90.0#





#71

Phenanthrene

Concen: 159.736 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Instrument :

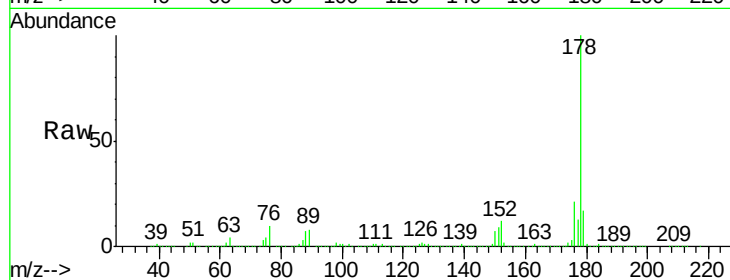
BNA_F

ClientSampleId :

B-14(13-14)

Tot Ion:178 Resp: 3317437

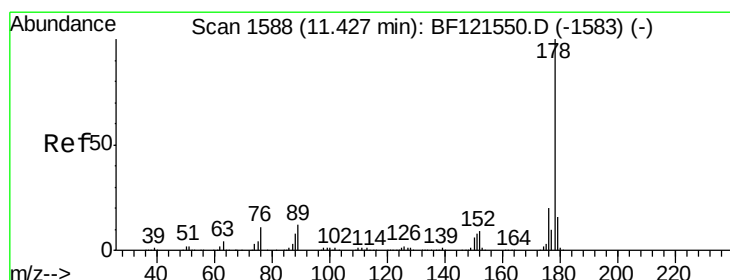
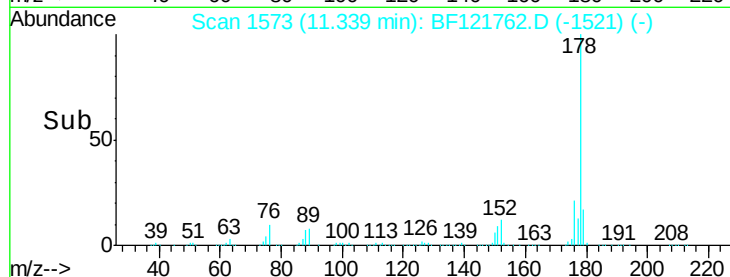
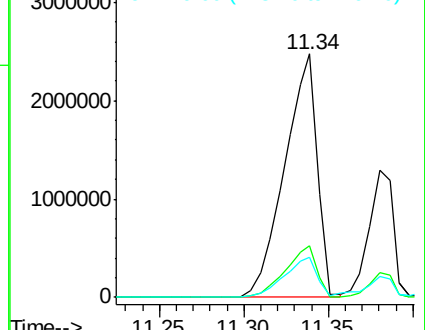
Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.0	24.0
179	16.6	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 58.305 ng

RT: 11.38 min Scan# 1580

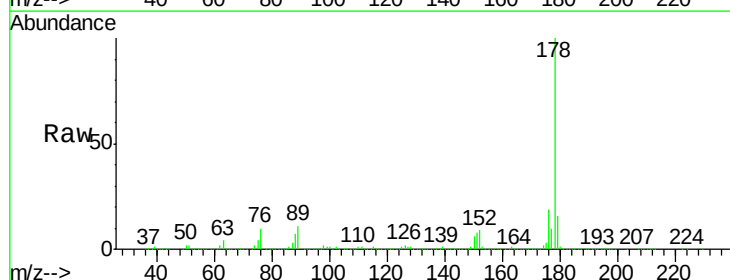
Delta R.T. -0.01 min

Lab File: BF121762.D

Acq: 1 Oct 2020 3:12

Tgt Ion:178 Resp: 1249582

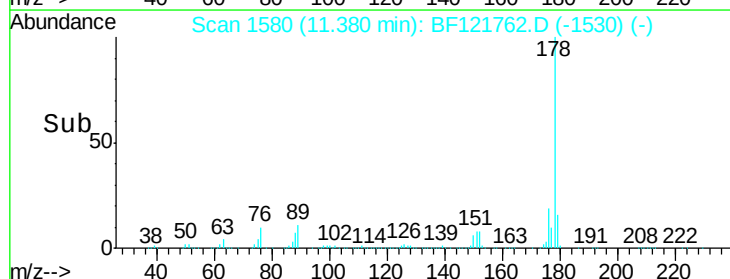
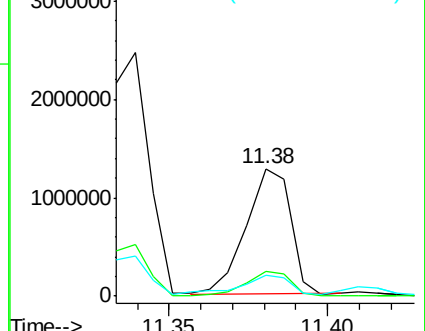
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.2	12.6	19.0

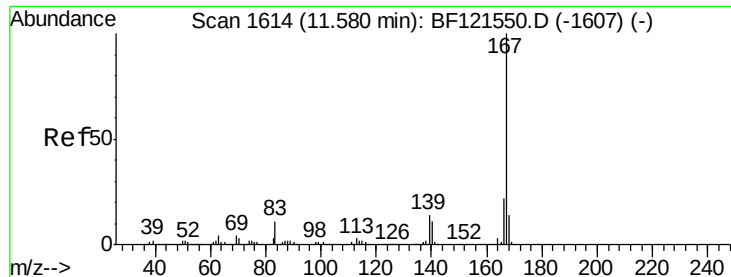


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

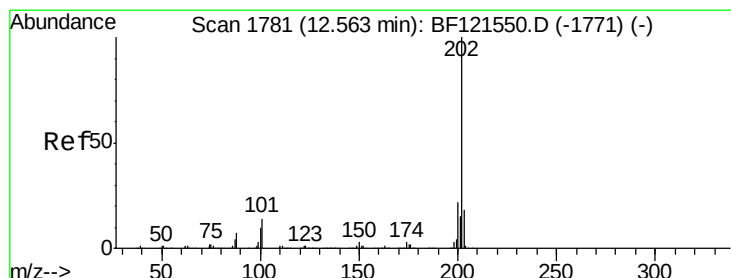
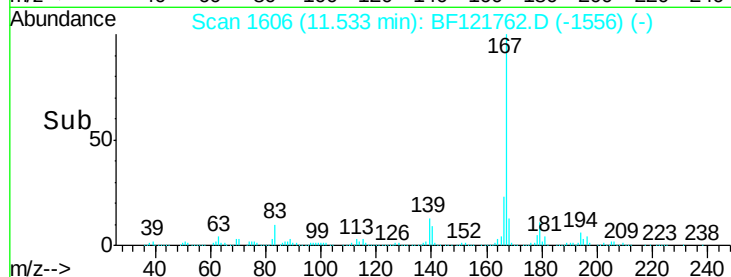
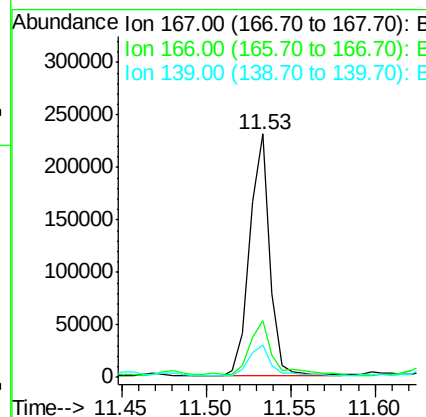
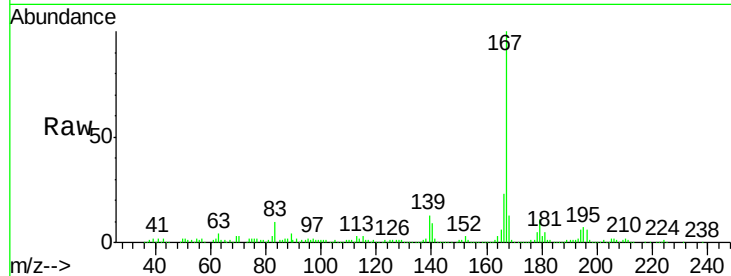




#73
 Carbazole
 Concen: 9.919 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

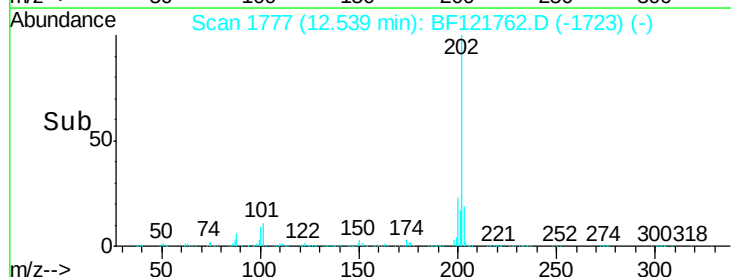
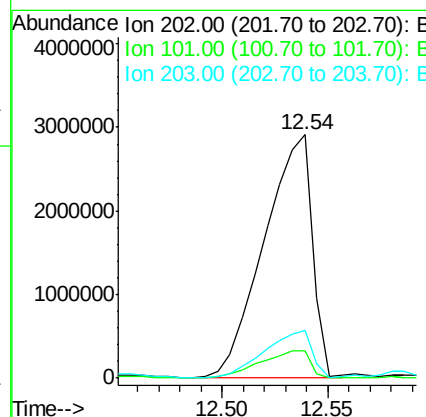
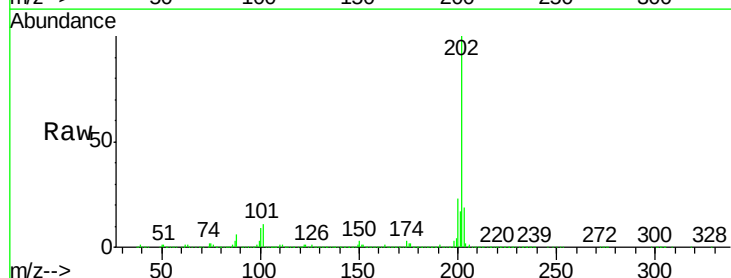
Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

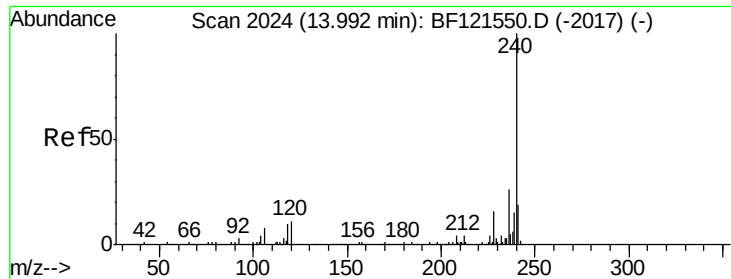
Tot Ion:167 Resp: 191840
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.7 26.5
 139 13.4 10.9 16.3



#75
 Fluoranthene
 Concen: 207.737 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.02 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion:202 Resp: 4605527
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 32.0
 203 19.5 0.0 38.0

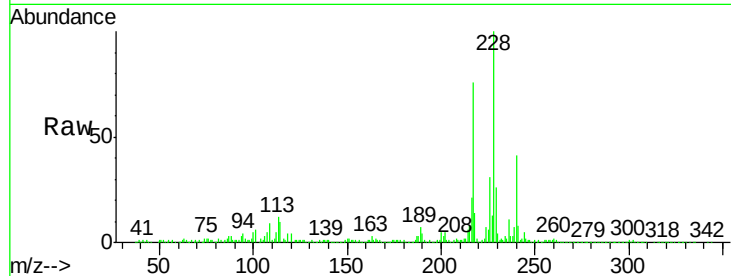




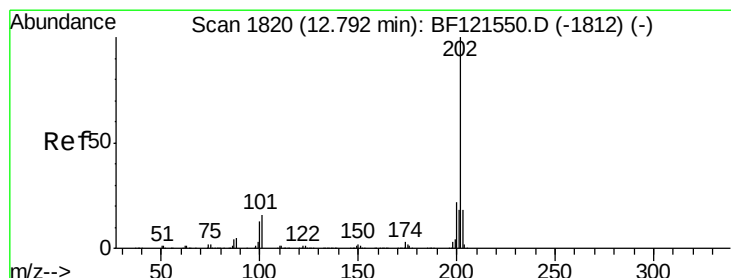
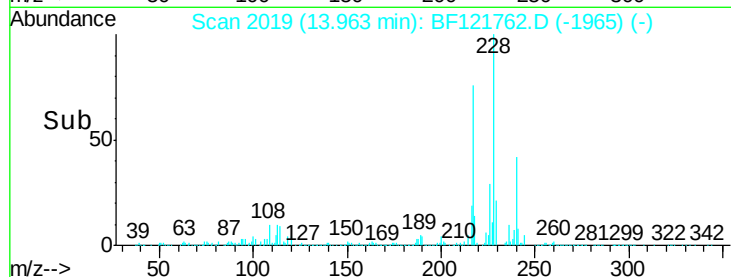
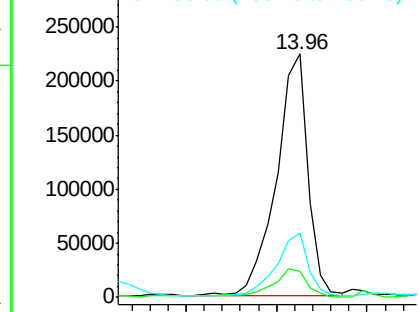
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Instrument :
BNA_F
ClientSampleId :
B-14(13-14)

Tot Ion:240 Resp: 268030
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.7 20.4 30.6

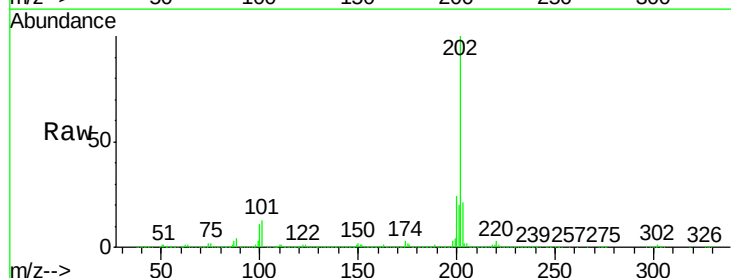


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

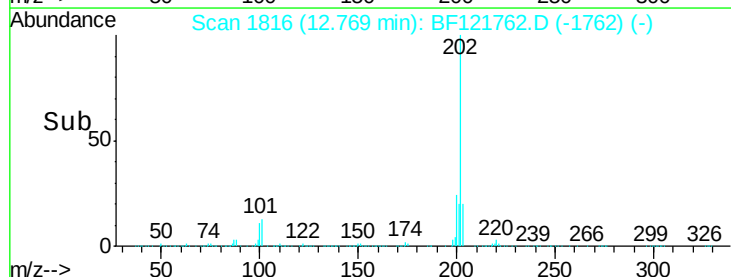
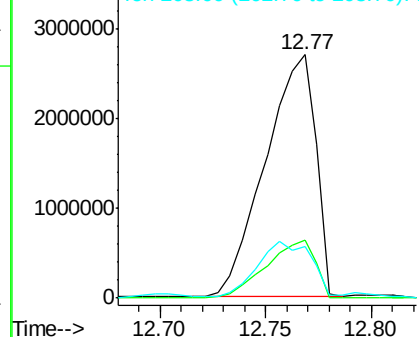


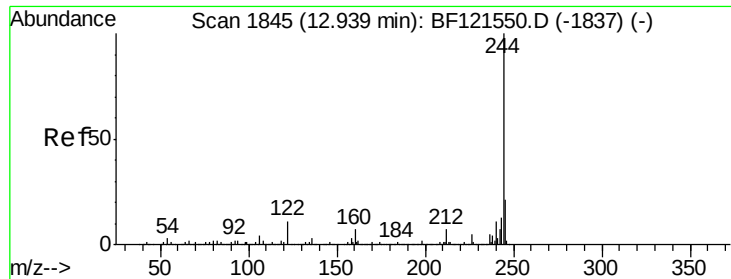
#78
Pyrene
Concen: 228.938 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion:202 Resp: 4483315
Ion Ratio Lower Upper
202 100
200 23.9 17.4 26.2
203 21.1 14.5 21.7



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

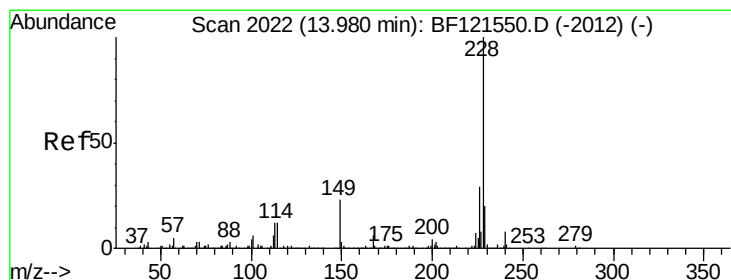
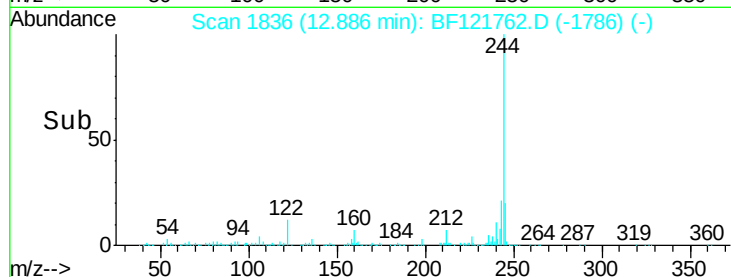
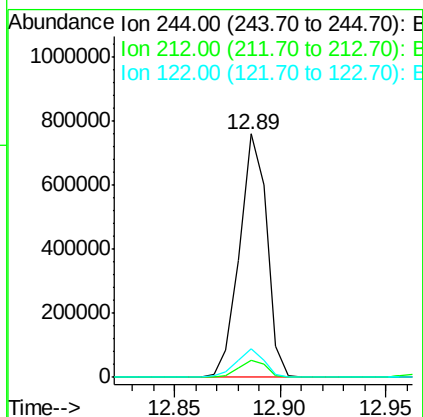
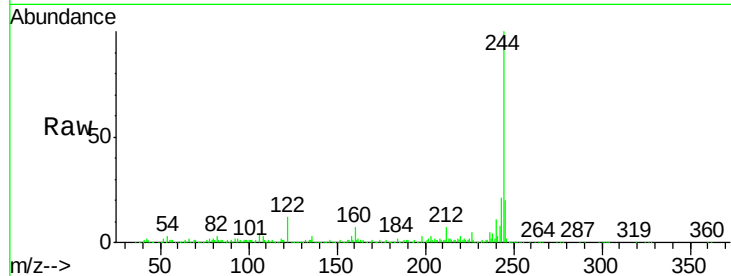




#79
 Terphenyl-d14
 Concen: 51.413 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

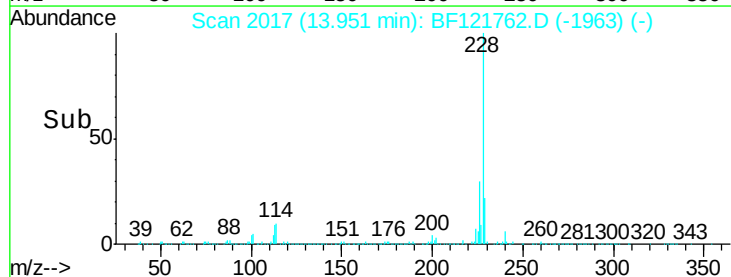
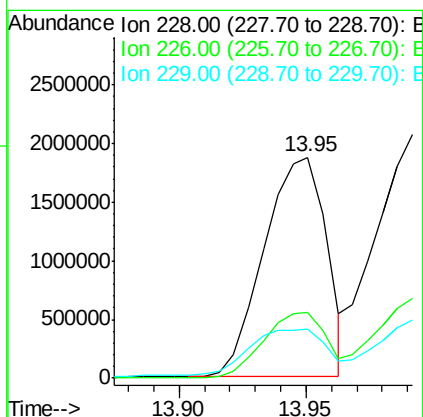
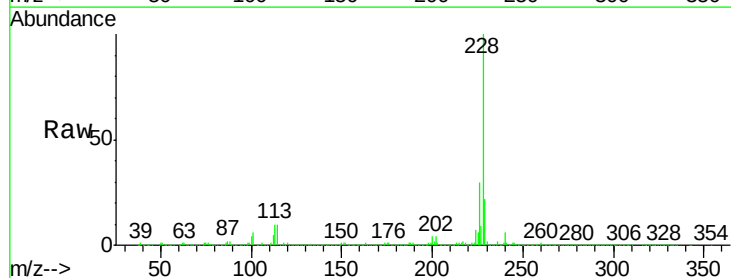
Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

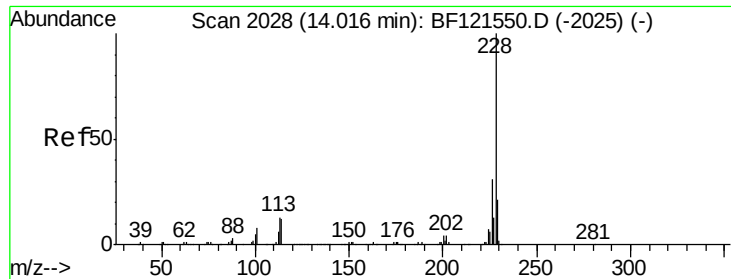
Tot Ion:244 Resp: 680203
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.9 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 188.977 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.02 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion:228 Resp: 3204465
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.2 33.2
 229 22.2 16.2 24.4

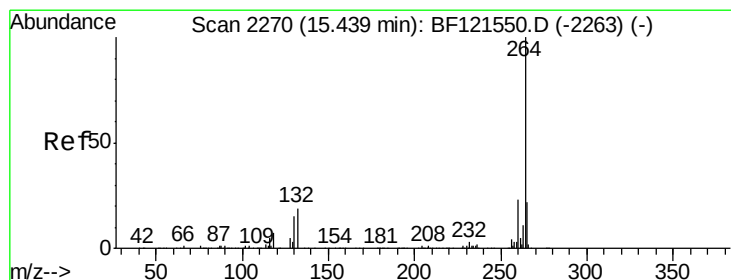
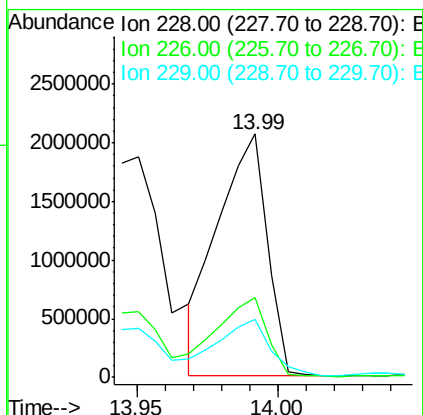
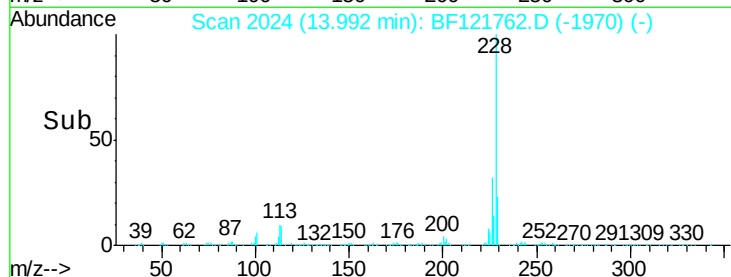
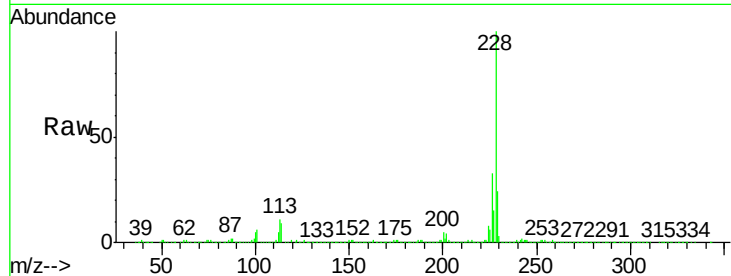




#83
Chrysene
Concen: 147.237 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

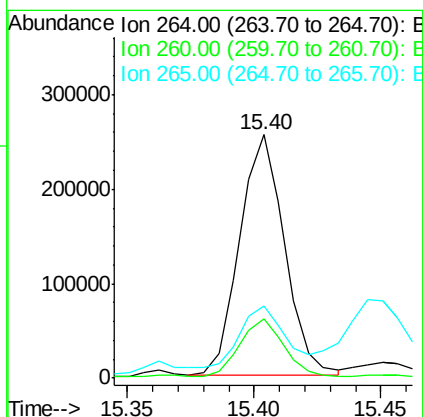
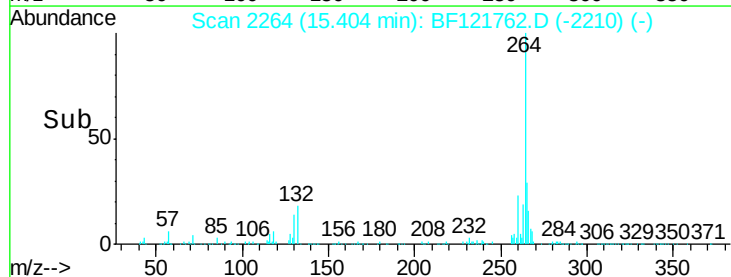
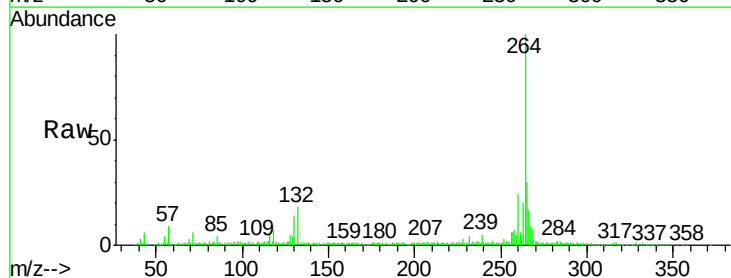
Instrument :
BNA_F
ClientSampleId :
B-14(13-14)

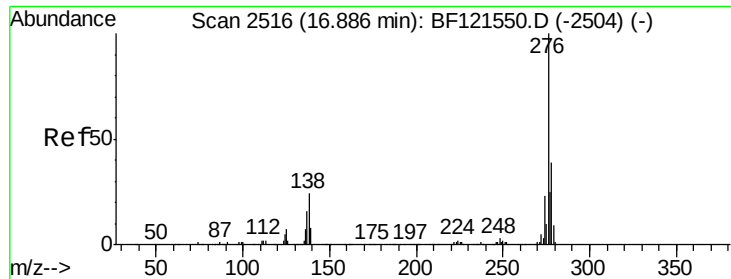
Tot Ion:228 Resp: 2528220
Ion Ratio Lower Upper
228 100
226 32.8 25.4 38.0
229 23.7 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion:264 Resp: 311738
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 29.7 17.3 25.9#

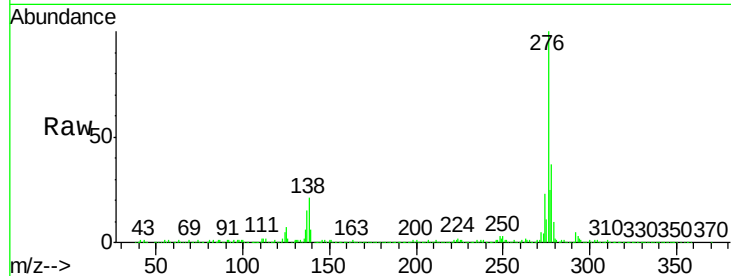




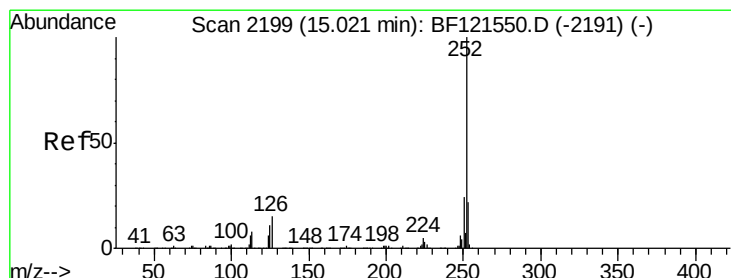
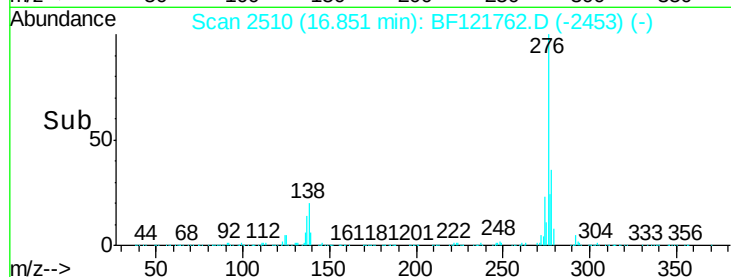
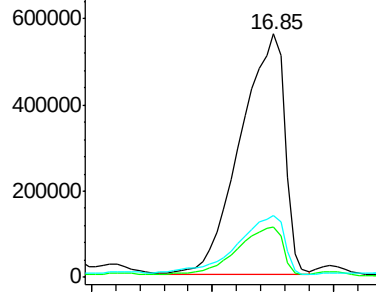
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 70.380 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.04 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Instrument :
 BNA_F
 ClientSampleId :
 B-14(13-14)

Tot Ion:276 Resp: 1428801
 Ion Ratio Lower Upper
 276 100
 138 21.3 19.4 29.0
 277 26.1 20.4 30.6

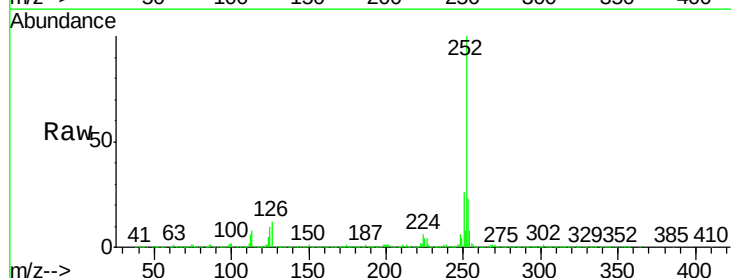


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

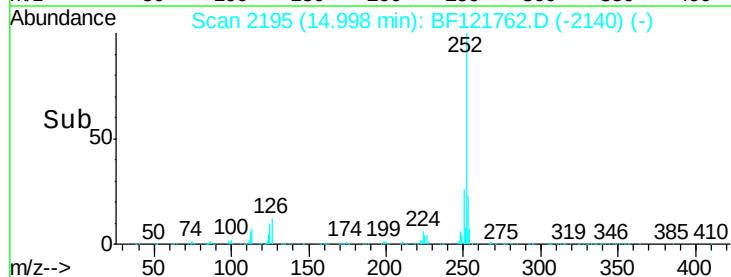
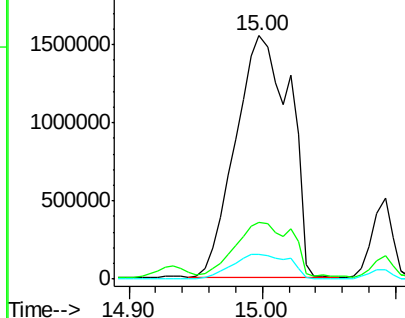


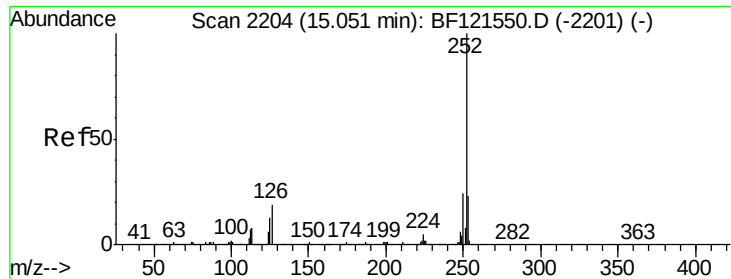
#88
 Benzo(b)fluoranthene
 Concen: 209.692 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.02 min
 Lab File: BF121762.D
 Acq: 1 Oct 2020 3:12

Tgt Ion:252 Resp: 4369987
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.4 26.2
 125 10.0 8.0 12.0



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

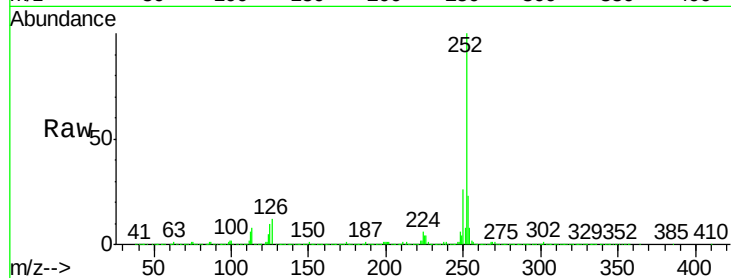




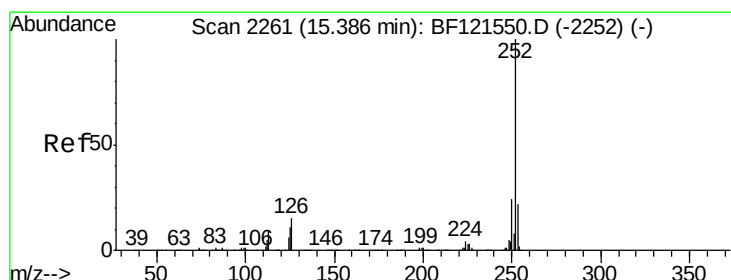
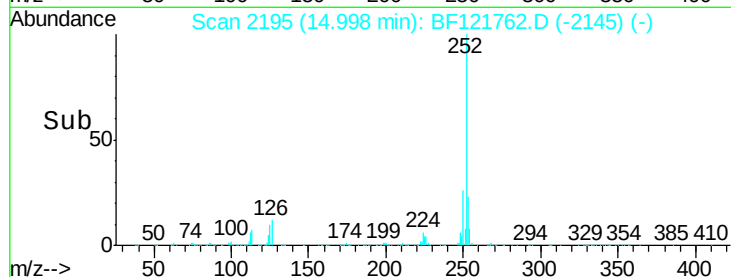
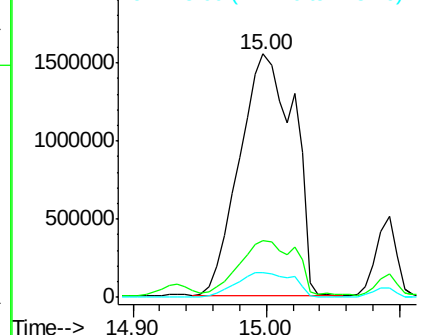
#89
Benzo(k)fluoranthene
Concen: 228.986 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Instrument :
BNA_F
ClientSampleId :
B-14(13-14)

Tot Ion:252 Resp: 4369987
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 10.0 7.8 11.6

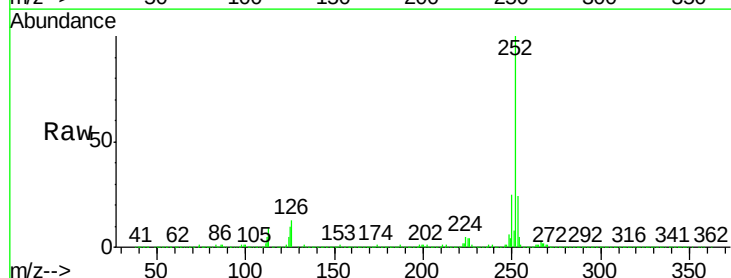


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

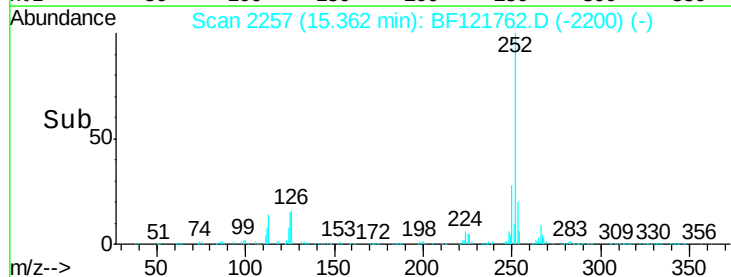
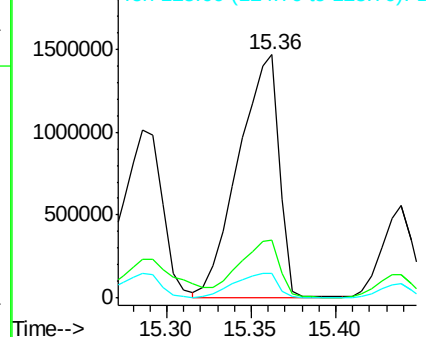


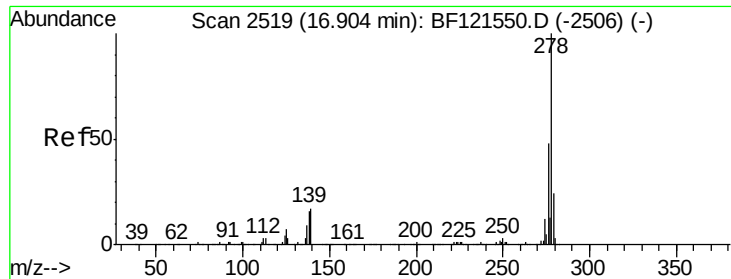
#90
Benzo(a)pyrene
Concen: 138.247 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.04 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion:252 Resp: 2449017
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 10.1 9.2 13.8



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

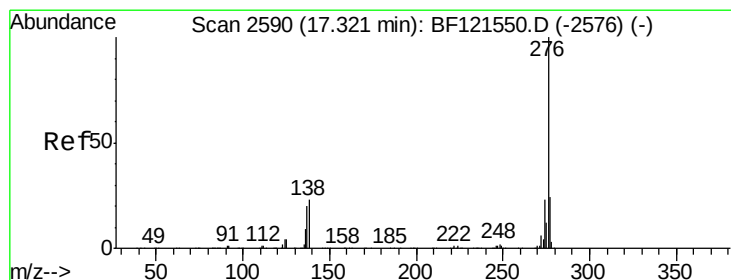
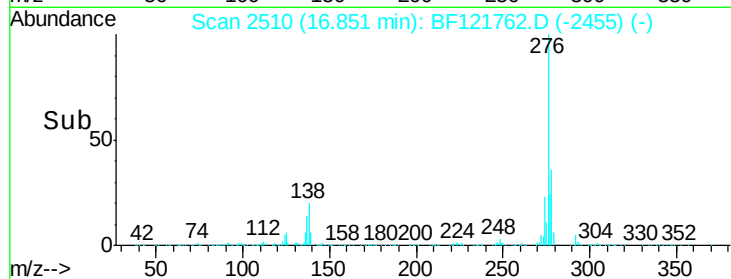
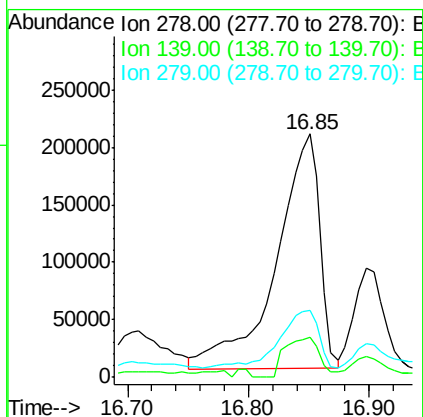
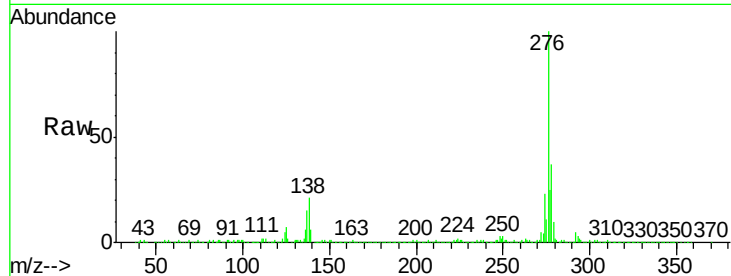




#91
Dibenzo(a,h)anthracene
Concen: 30.148 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.02 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Instrument :
BNA_F
ClientSampleId :
B-14(13-14)

Tot Ion:278 Resp: 509486
Ion Ratio Lower Upper
278 100
139 16.7 12.5 18.7
279 27.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 76.742 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.04 min
Lab File: BF121762.D
Acq: 1 Oct 2020 3:12

Tgt Ion:276 Resp: 1274815
Ion Ratio Lower Upper
276 100
277 25.6 19.2 28.8
138 21.2 16.7 25.1

