

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121761.D
 Acq On : 1 Oct 2020 2:42
 Operator : JU/CG
 Sample : L4193-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14(11-13)

Quant Time: Oct 01 04:35:00 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	160123	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	607022	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	294328	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	472246	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	307562	20.00	ng	0.00
86) Perylene-d12	15.39	264	345784	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	892218	82.81	ng	0.00
7) Phenol-d6	6.42	99	1134075	80.23	ng	-0.01
23) Nitrobenzene-d5	7.34	82	792125	70.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	266244	72.78	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1298293	66.81	ng	-0.01
79) Terphenyl-d14	12.89	244	1012103	66.67	ng	0.00

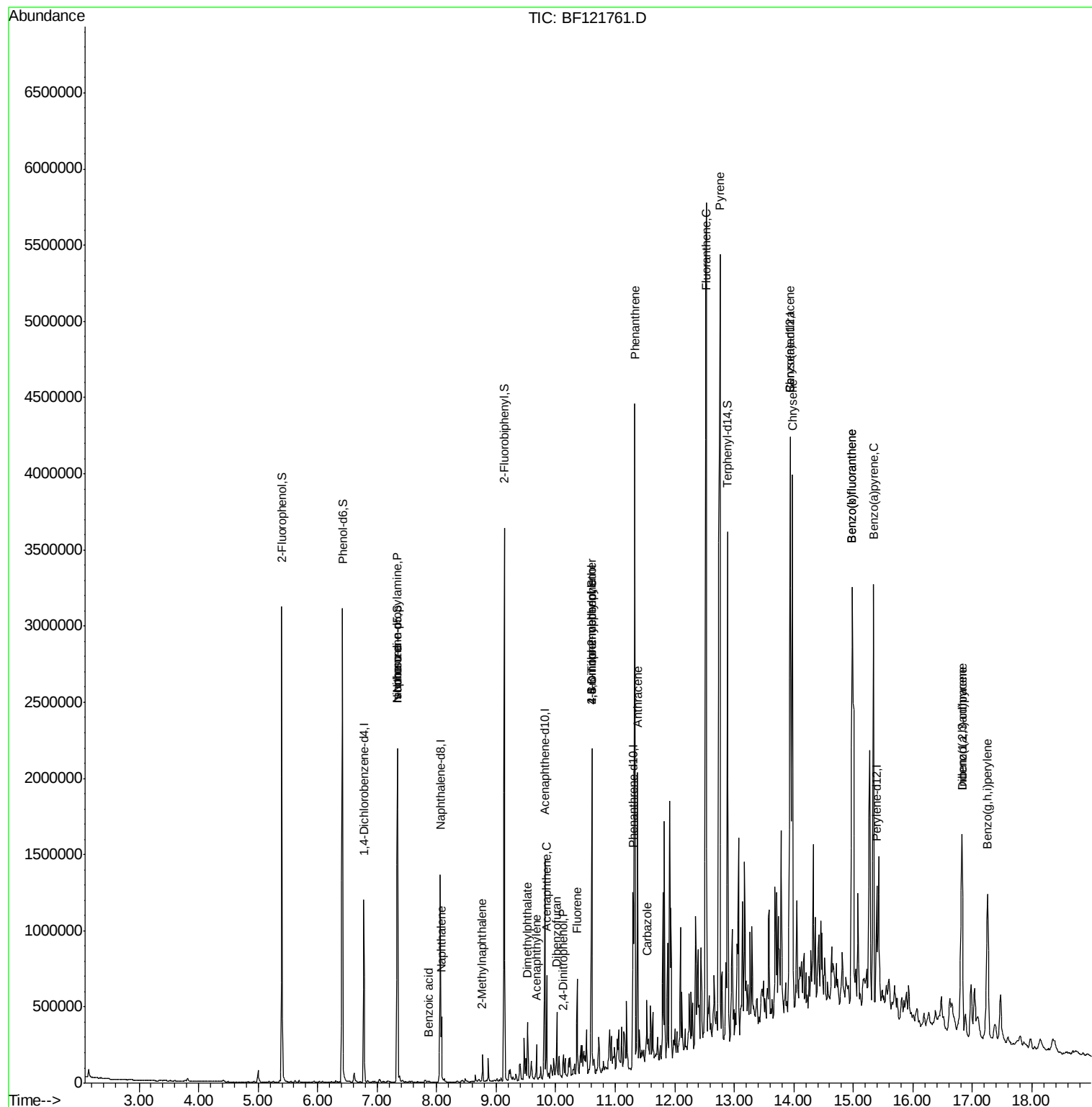
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	105292	12.924	ng	# 81
25) Isophorone	7.34	82	783915	34.445	ng	# 66
31) Naphthalene	8.08	128	172245	5.375	ng	98
32) Benzoic acid	7.86	122	1274	7.079	ng	# 18
37) 2-Methylnaphthalene	8.77	142	48503	2.310	ng	99
49) Acenaphthylene	9.67	152	76729	2.689	ng	97
50) Dimethylphthalate	9.53	163	137241	6.433	ng	99
52) Acenaphthene	9.85	154	128821	7.149	ng	100
54) 2,4-Dinitrophenol	10.13	184	265	9.137	ng	# 1
55) Dibenzofuran	10.02	168	115657	4.558	ng	# 97
58) Fluorene	10.36	166	165169	8.511	ng	99
65) 4,6-Dinitro-2-methylphenol	10.60	198	452	6.986	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	15416	2.867	ng	# 1
71) Phenanthrene	11.33	178	1928028	74.933	ng	99
72) Anthracene	11.37	178	709219	26.710	ng	99
73) Carbazole	11.53	167	126724	5.289	ng	98
75) Fluoranthene	12.53	202	2944565	107.206	ng	99
78) Pyrene	12.76	202	2765904	123.085	ng	97
81) Benzo(a)anthracene	13.94	228	1682308	86.459	ng	97
83) Chrysene	13.97	228	1467914	74.500	ng	97
87) Indeno(1,2,3-cd)pyrene	16.82	276	954972	42.408	ng	96
88) Benzo(b)fluoranthene	14.98	252	2458641	106.361	ng	98
89) Benzo(k)fluoranthene	14.98	252	2458641	116.147	ng	99
90) Benzo(a)pyrene	15.34	252	1422506	72.394	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	269341	14.369	ng	95
92) Benzo(g,h,i)perylene	17.26	276	871805	47.314	ng	99

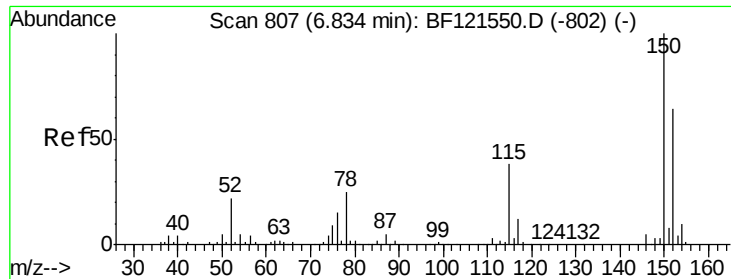
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121761.D
Acq On : 1 Oct 2020 2:42
Operator : JU/CG
Sample : L4193-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

Quant Time: Oct 01 04:35:00 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



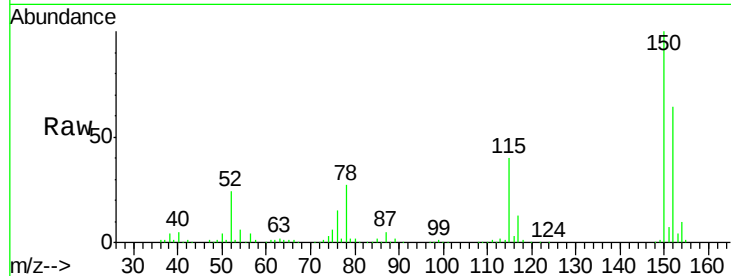


#1

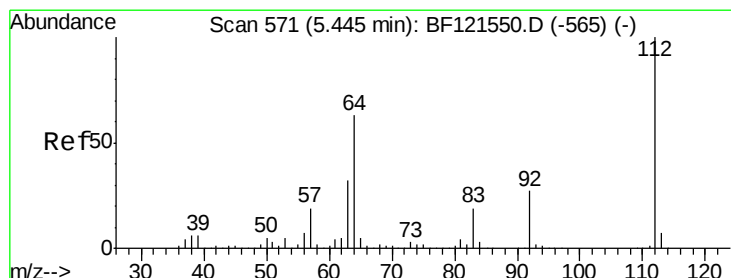
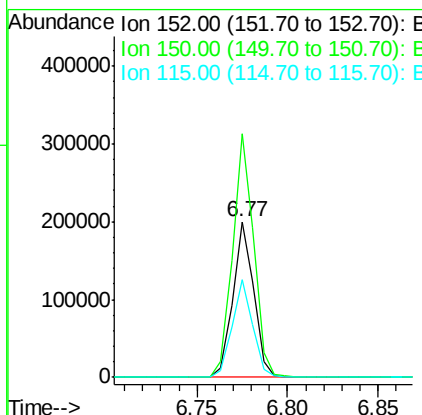
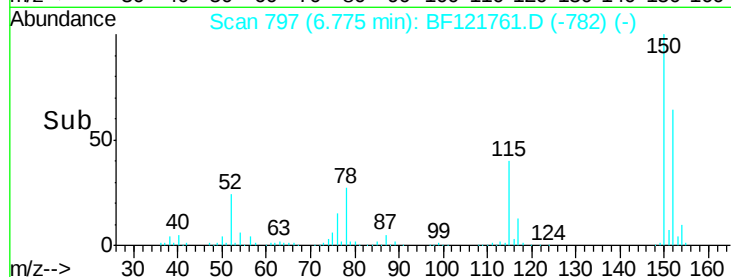
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.8
115	62.5	49.6	74.4



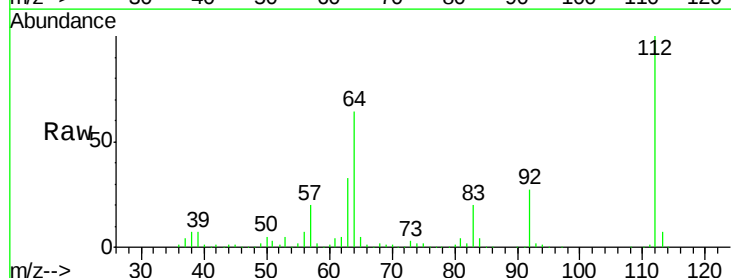
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



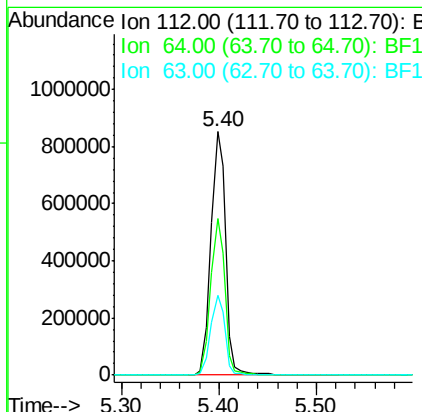
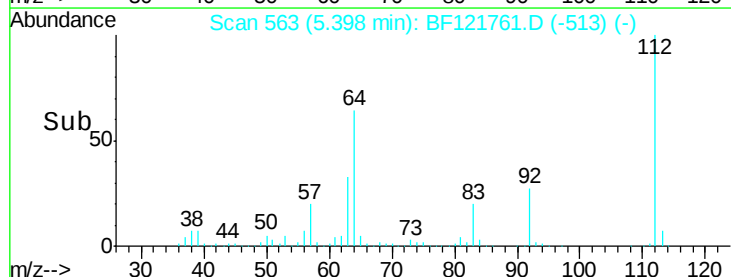
#5

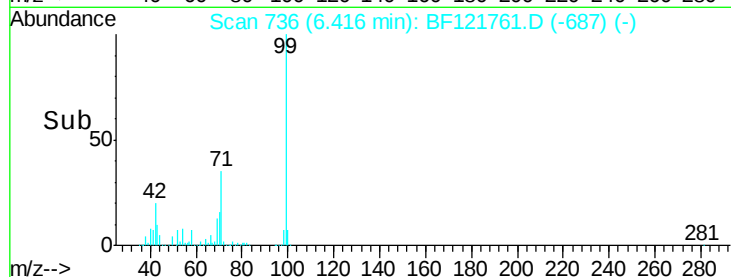
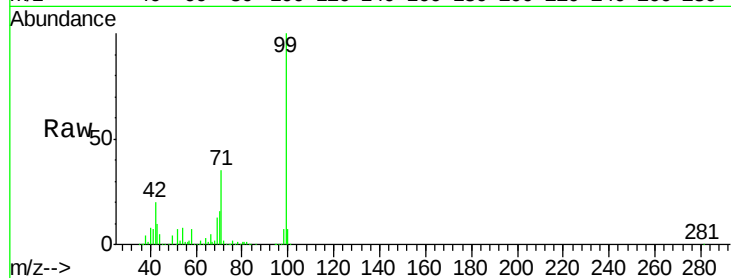
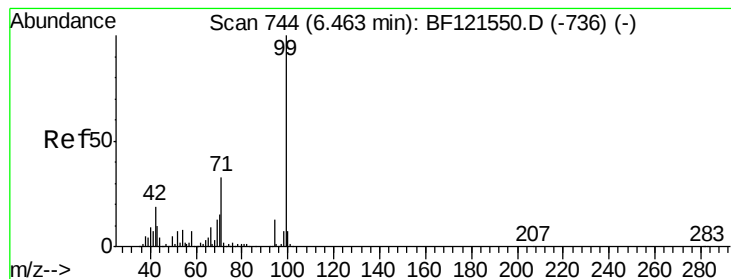
2-Fluorophenol
Concen: 82.808 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.2	76.8
63	32.8	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: 80.229 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

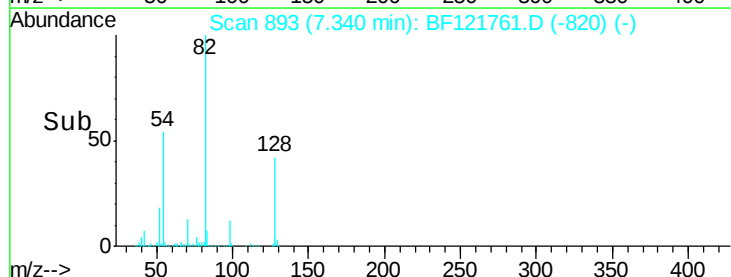
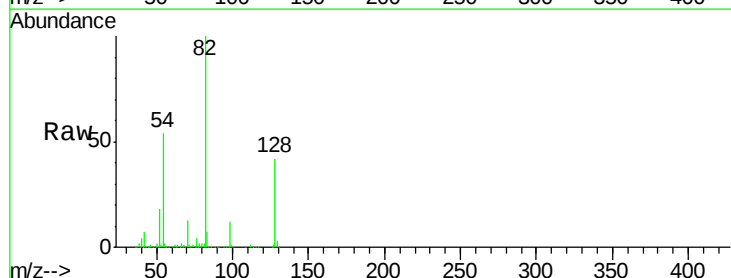
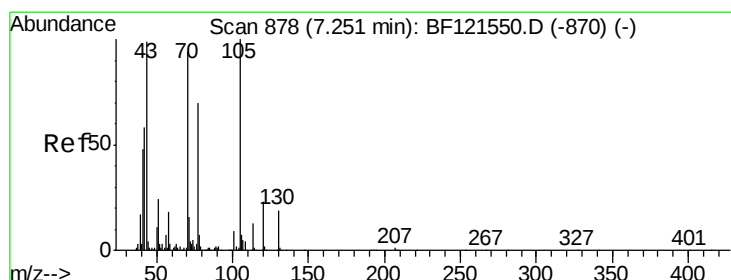
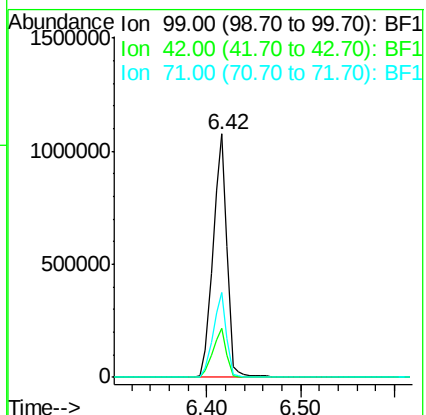
Tot Ion: 99 Resp: 1134075

Ion Ratio Lower Upper

99 100

42 20.4 16.5 24.7

71 35.0 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.924 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.13 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Tgt Ion: 70 Resp: 105292

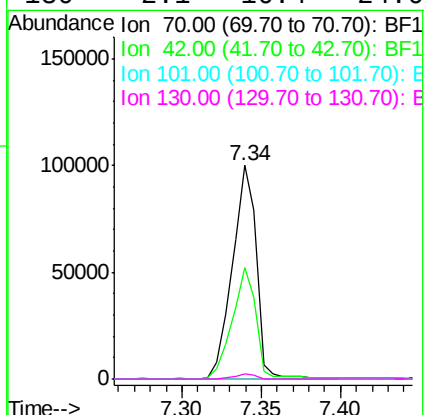
Ion Ratio Lower Upper

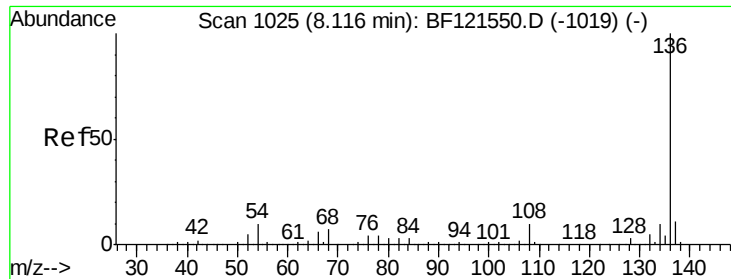
70 100

42 52.1 48.6 73.0

101 0.0 7.5 11.3#

130 2.1 16.4 24.6#

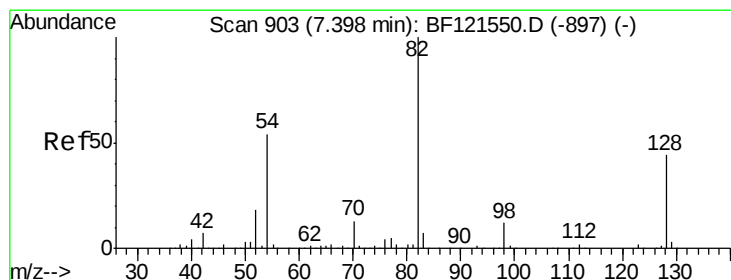
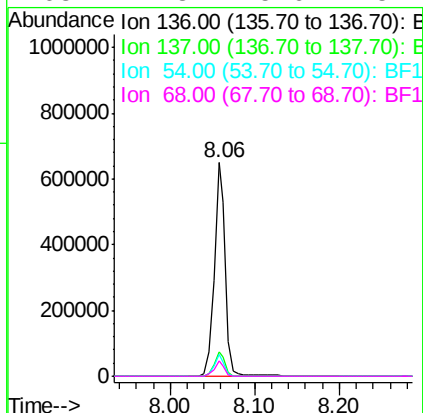
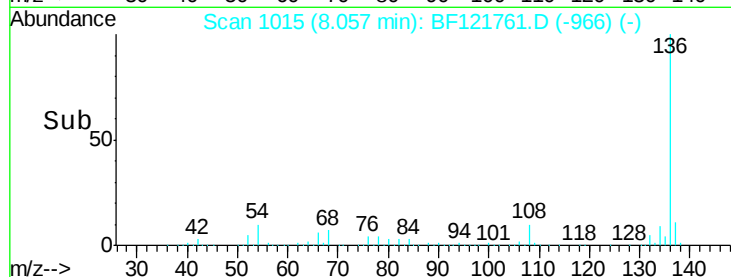
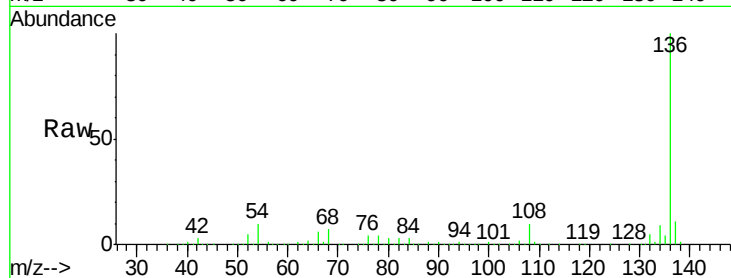




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

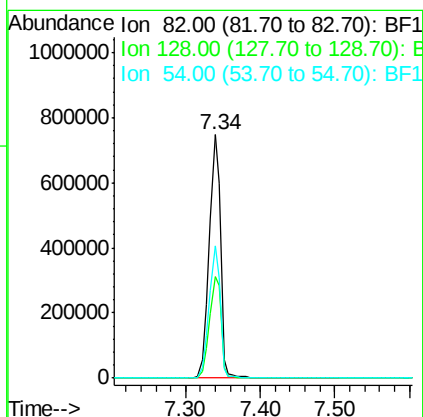
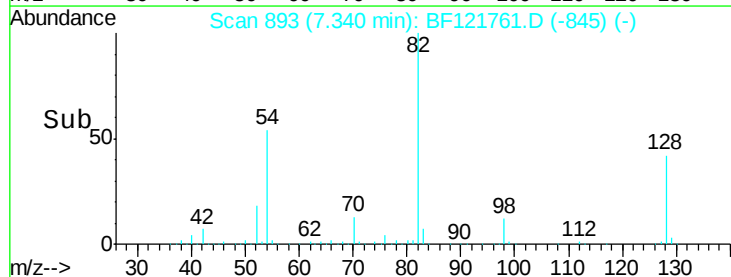
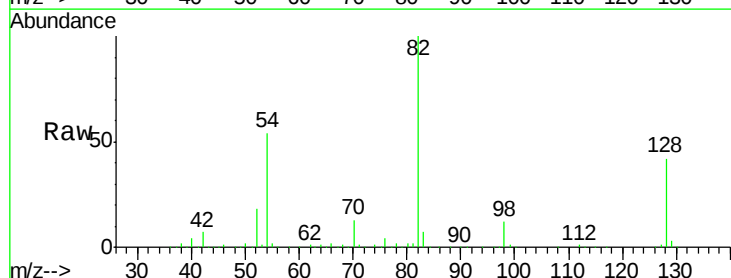
Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

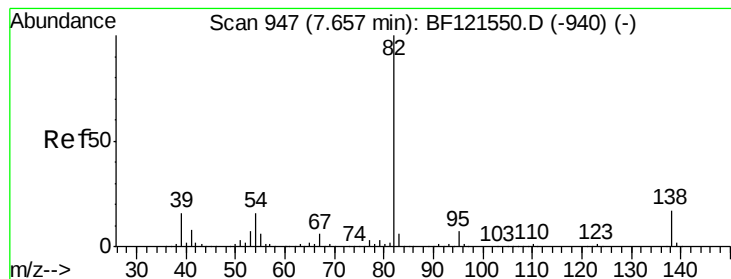
Tot Ion:136	Resp:	607022
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.1	7.8 11.8
68	7.3	5.6 8.4



#23
Nitrobenzene-d5
Concen: 70.064 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion: 82	Resp:	792125
Ion Ratio	Lower	Upper
82	100	
128	41.9	35.0 52.4
54	54.1	42.5 63.7





#25

Isophorone

Concen: 34.445 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.28 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

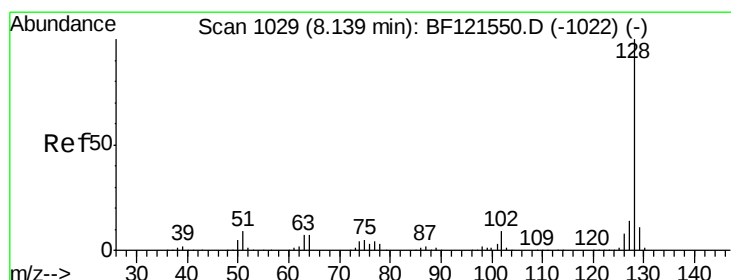
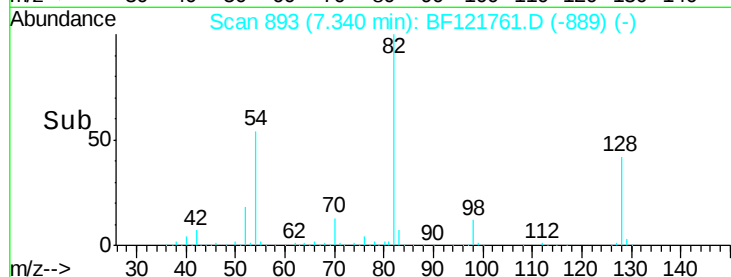
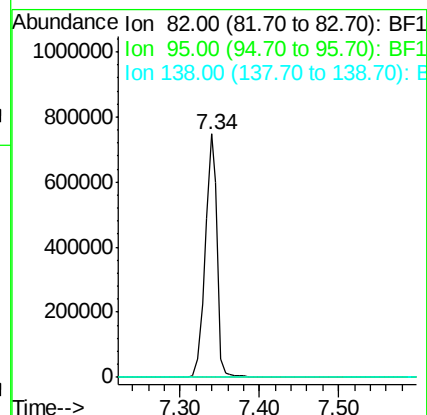
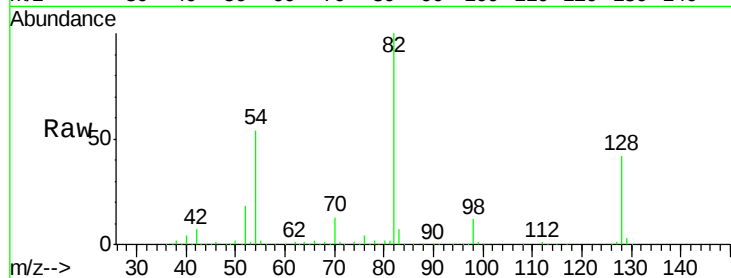
Tot Ion: 82 Resp: 783915

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.9 20.9#



#31

Naphthalene

Concen: 5.375 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

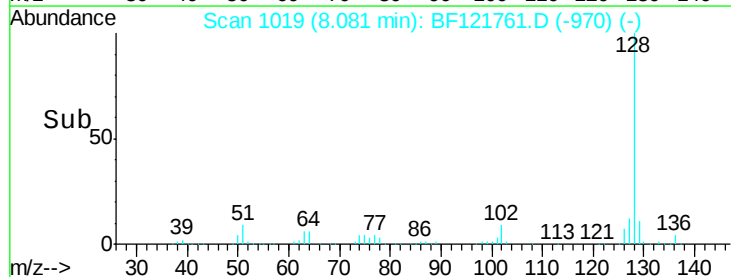
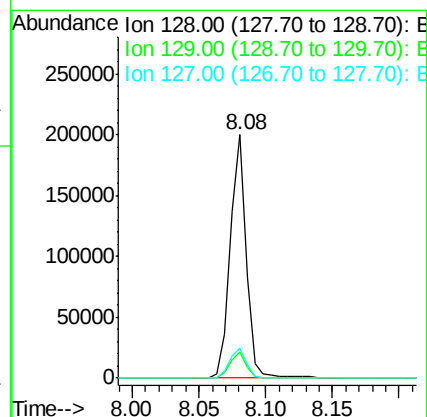
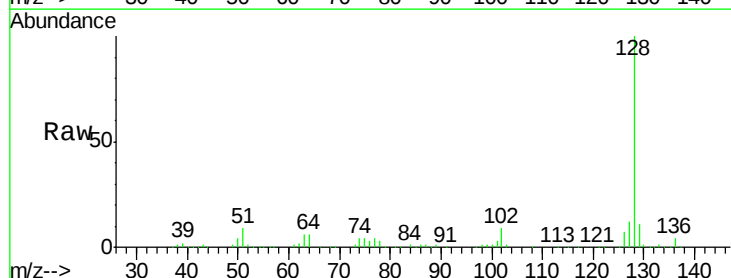
Tgt Ion: 128 Resp: 172245

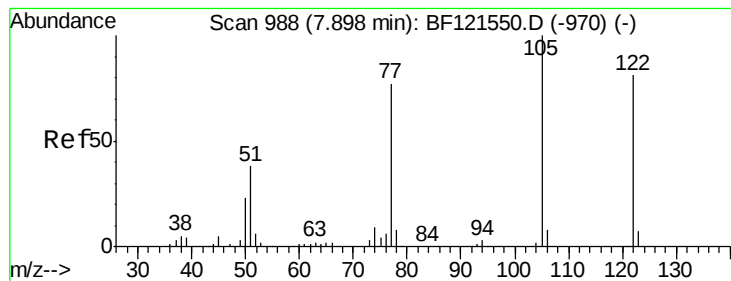
Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

127 12.4 10.9 16.3





#32

Benzoic acid

Concen: 7.079 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

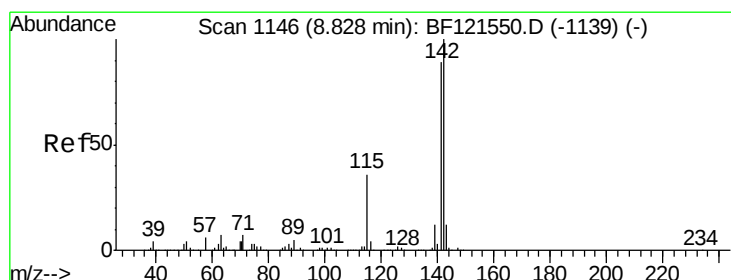
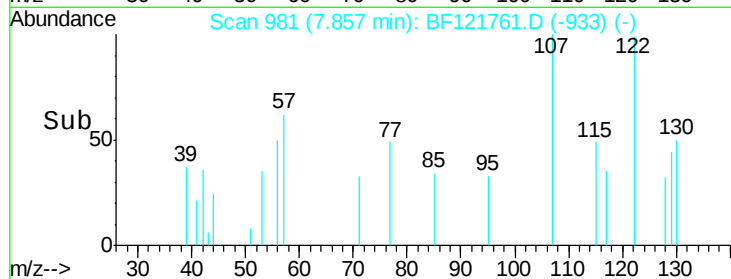
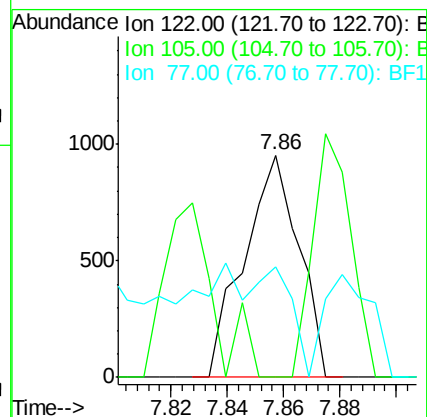
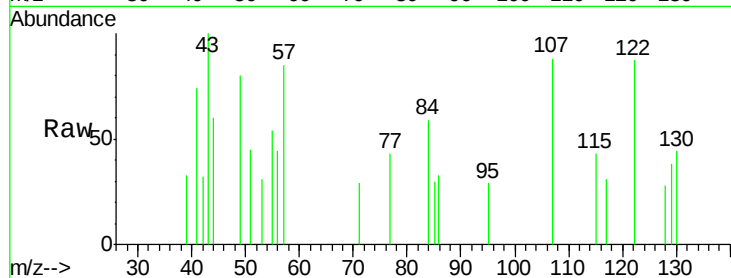
Tot Ion:122 Resp: 1274

Ion Ratio Lower Upper

122 100

105 0.0 103.8 143.8#

77 49.6 75.8 115.8#



#37

2-Methylnaphthalene

Concen: 2.310 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

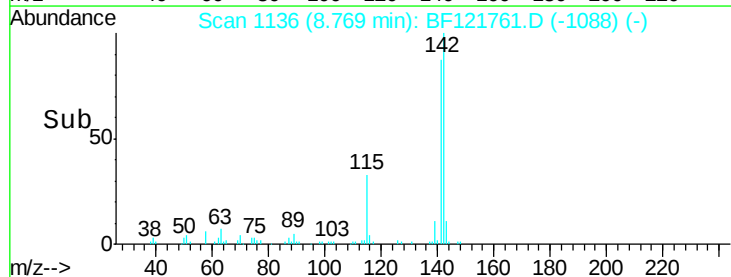
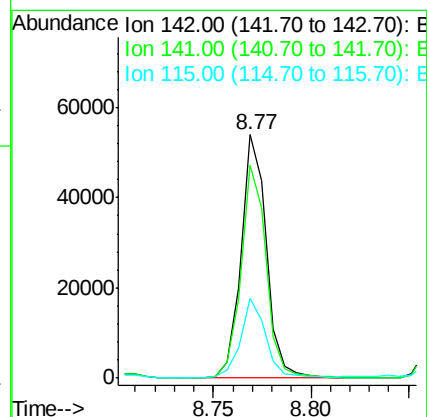
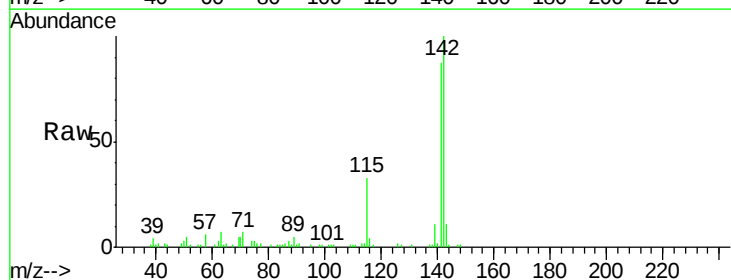
Tgt Ion:142 Resp: 48503

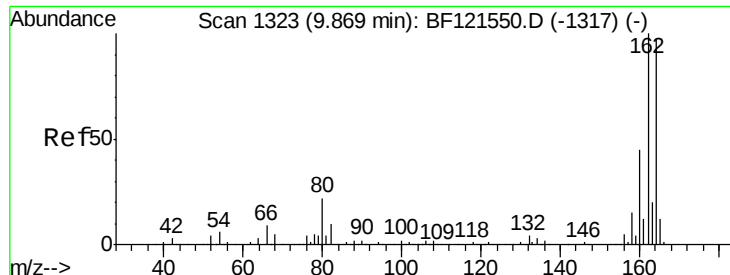
Ion Ratio Lower Upper

142 100

141 87.4 70.1 105.1

115 32.9 28.0 42.0

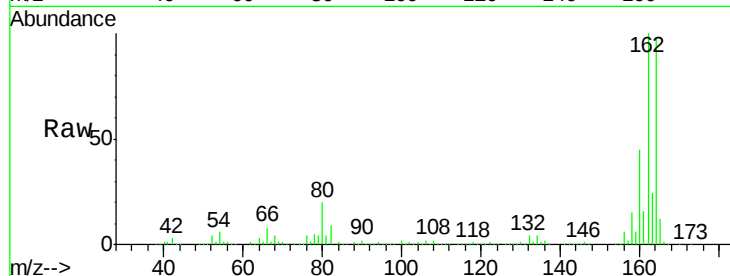




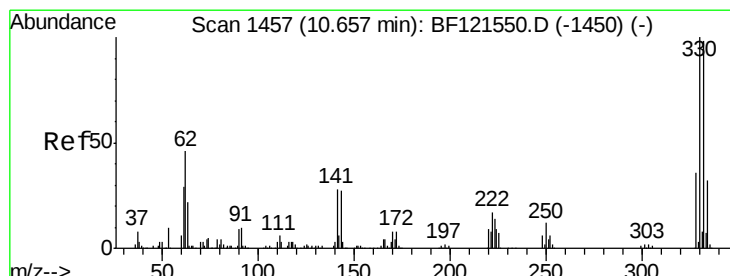
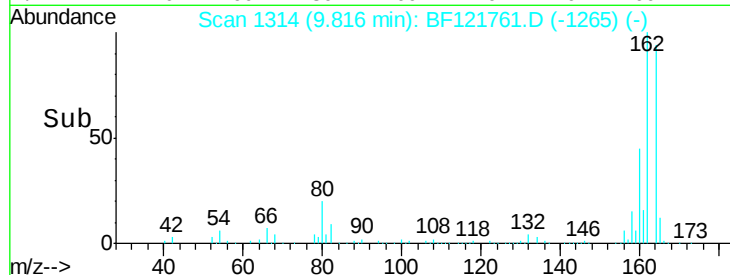
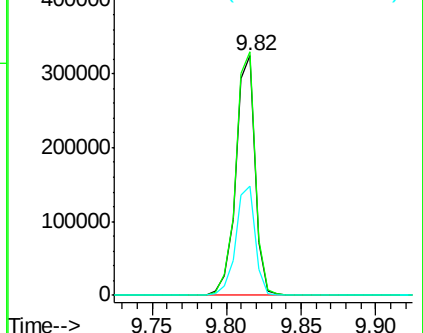
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Instrument :
BNA_F
ClientSampled :
B-14(11-13)

Tot Ion:164 Resp: 294328
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.8 36.9 55.3

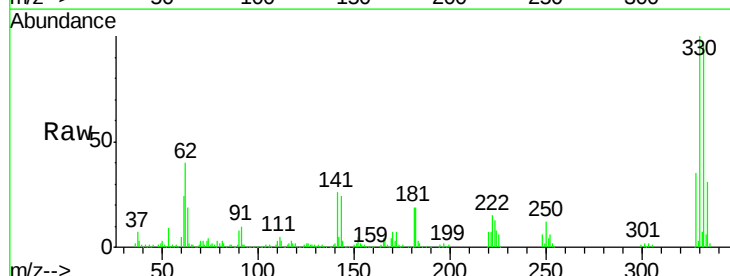


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

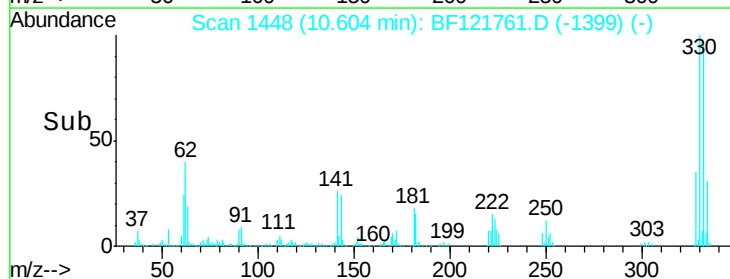
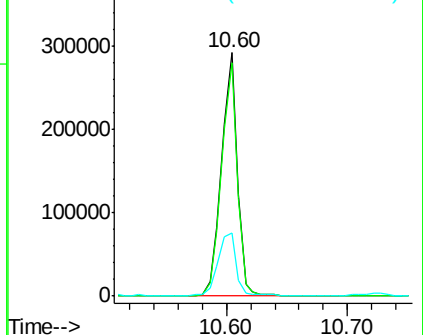


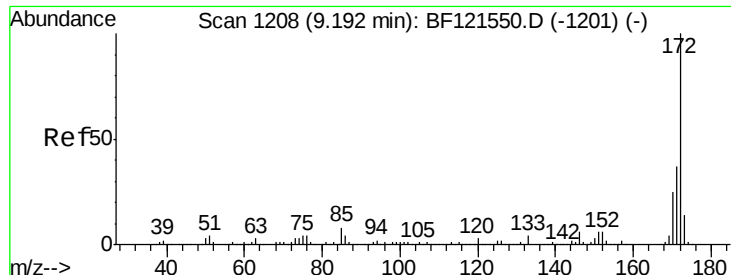
#42
2,4,6-Tribromophenol
Concen: 72.782 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion:330 Resp: 266244
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 30.0 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

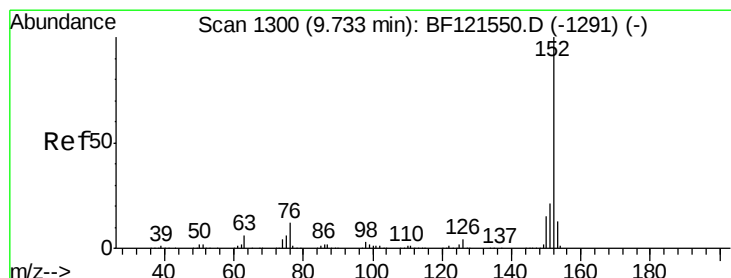
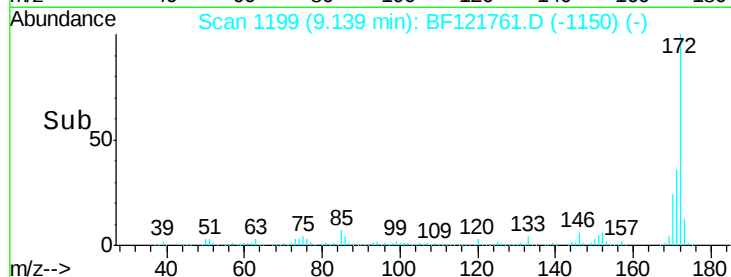
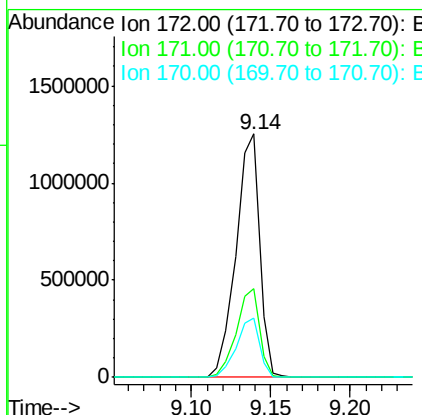
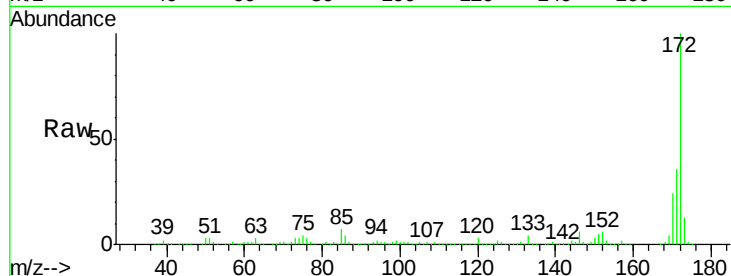




#45
2-Fluorobiphenyl
Concen: 66.807 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

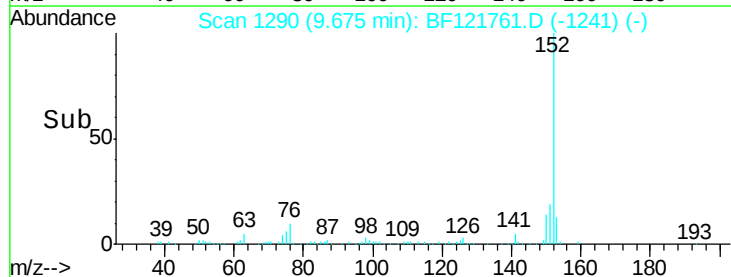
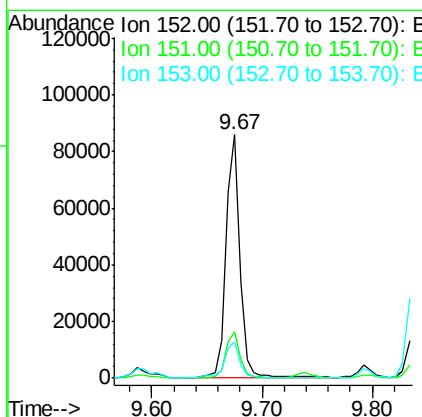
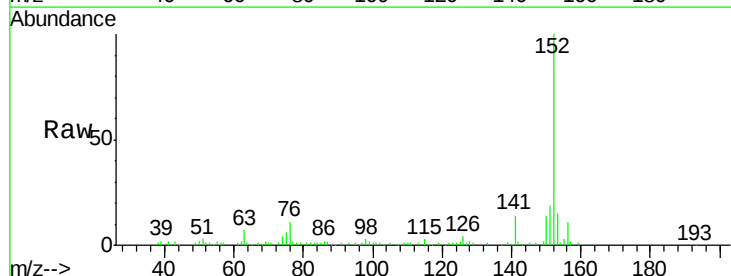
Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

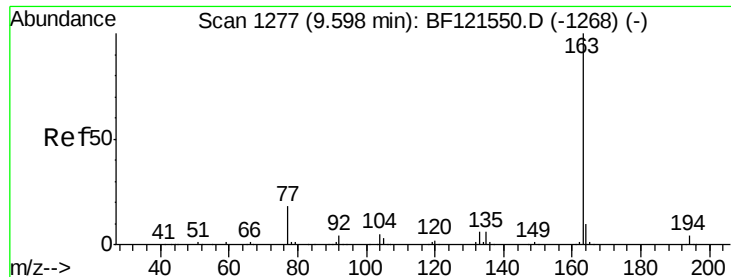
Tot Ion:172 Resp: 1298293
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.2 19.7 29.5



#49
Acenaphthylene
Concen: 2.689 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion:152 Resp: 76729
Ion Ratio Lower Upper
152 100
151 19.2 16.4 24.6
153 14.8 10.9 16.3

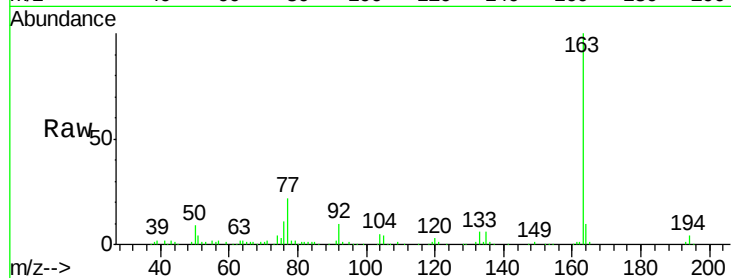




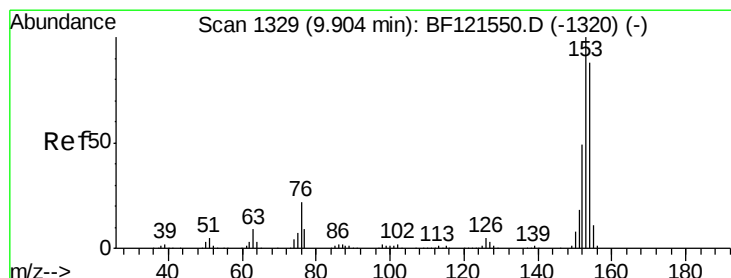
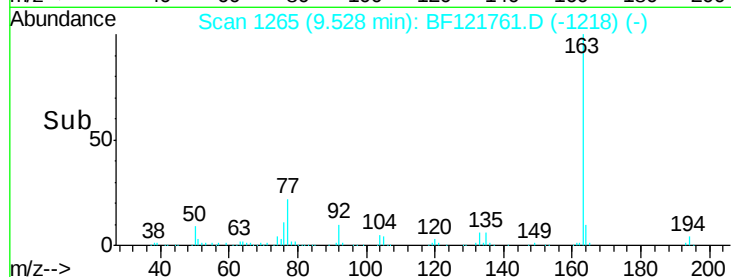
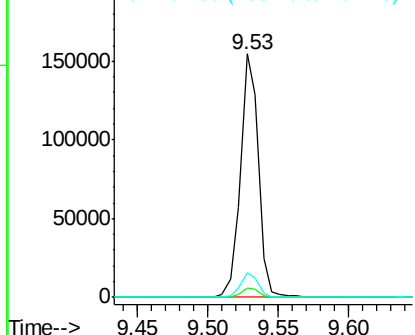
#50
Dimethylphthalate
Concen: 6.433 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

Tot Ion:163 Resp: 137241
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.5 12.7

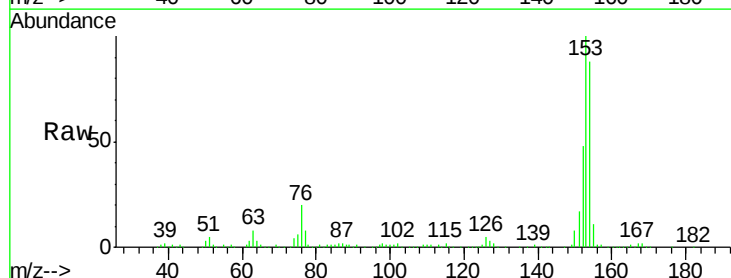


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

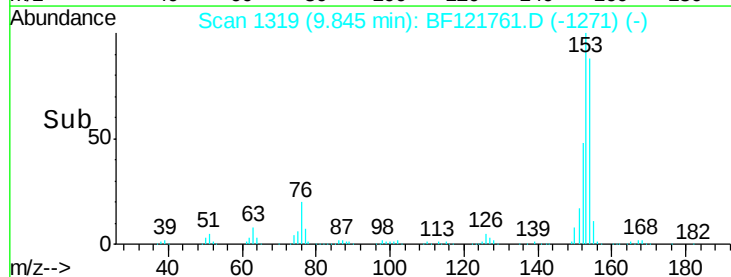
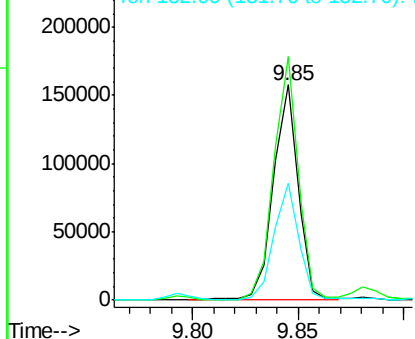


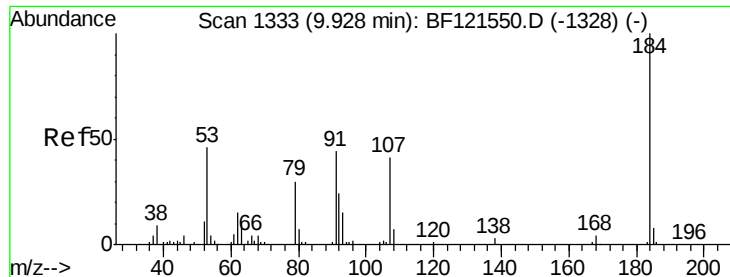
#52
Acenaphthene
Concen: 7.149 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion:154 Resp: 128821
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 54.4 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: 9.137 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.24 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

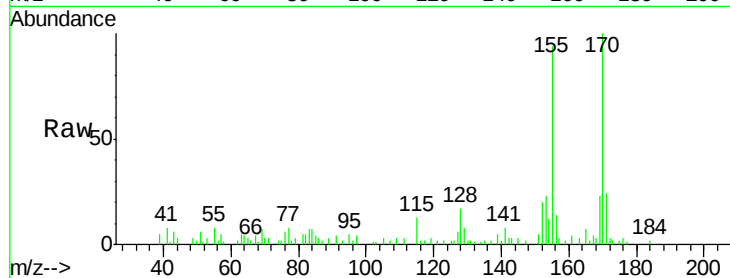
Tot Ion:184 Resp: 265

Ion Ratio Lower Upper

184 100

63 271.4 50.1 75.1#

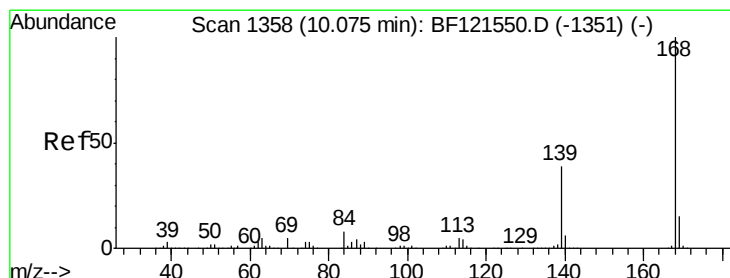
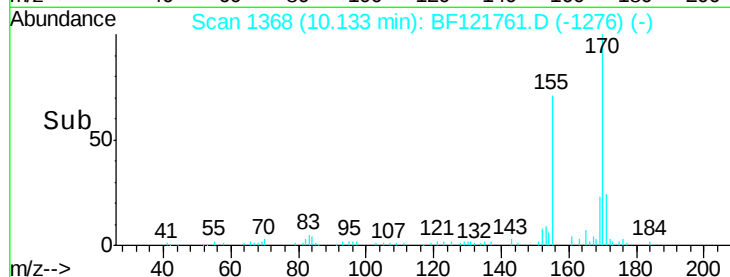
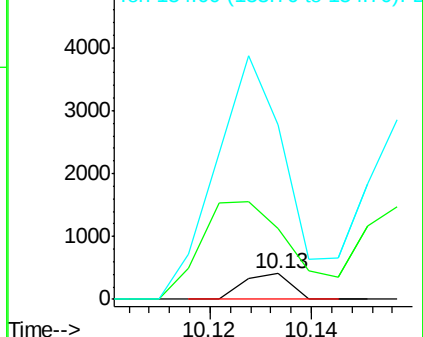
154 674.3 47.0 70.6#



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

Dibenzofuran

Concen: 4.558 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

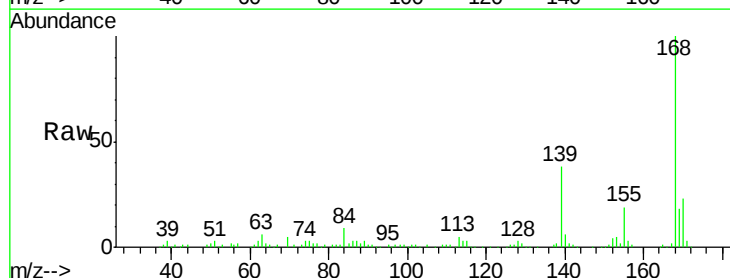
Tgt Ion:168 Resp: 115657

Ion Ratio Lower Upper

168 100

139 38.0 30.3 45.5

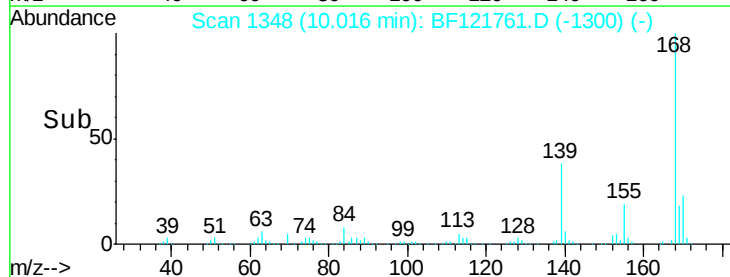
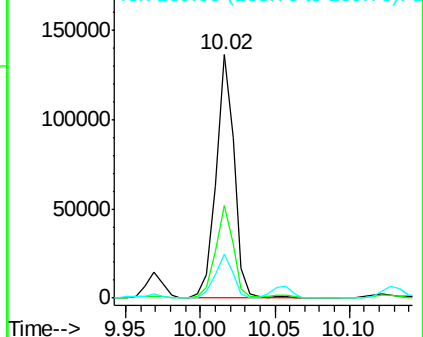
169 18.0 11.2 16.8#

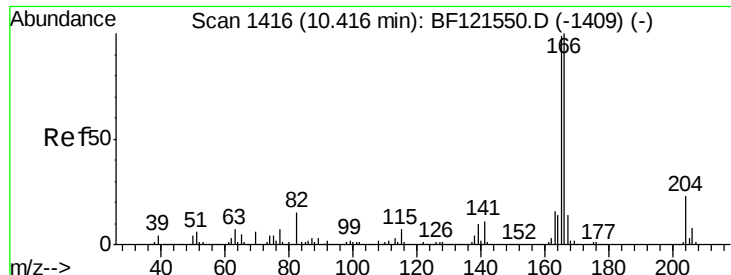


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

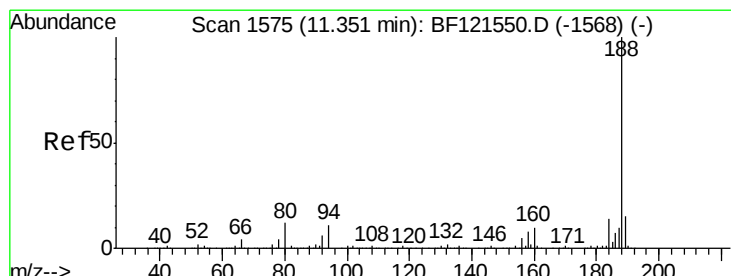
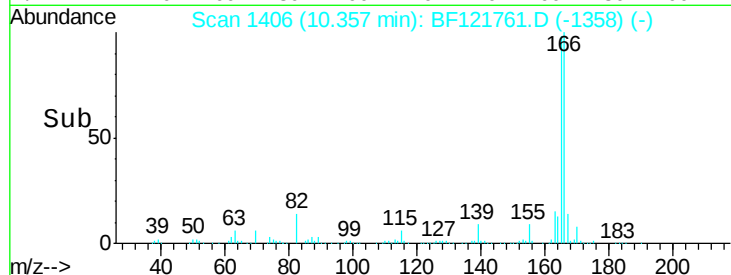
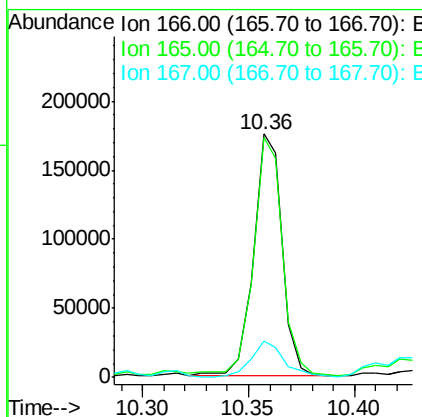
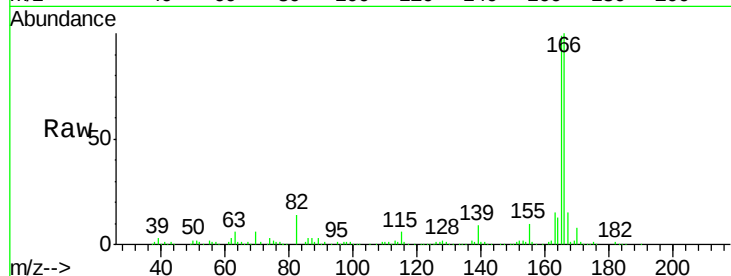




#58
 Fluorene
 Concen: 8.511 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF121761.D
 Acq: 1 Oct 2020 2:42

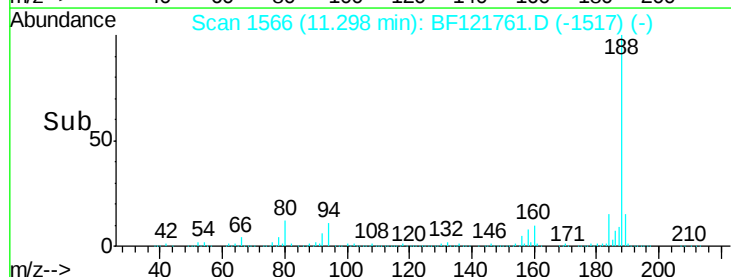
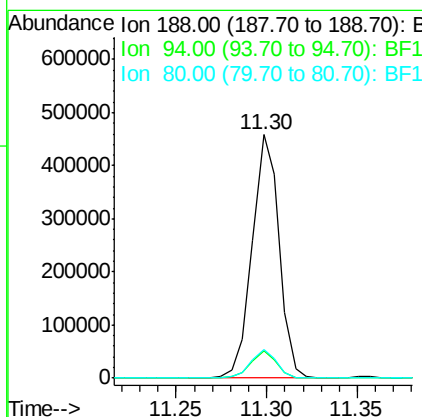
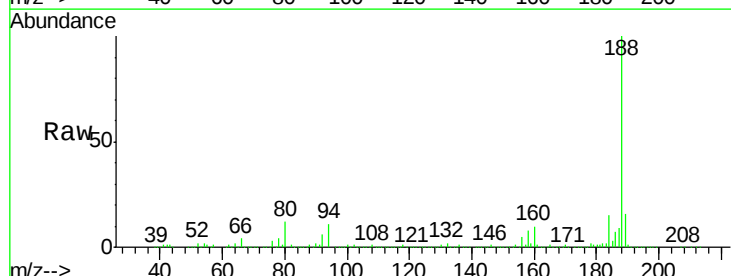
Instrument :
 BNA_F
 ClientSampleId :
 B-14(11-13)

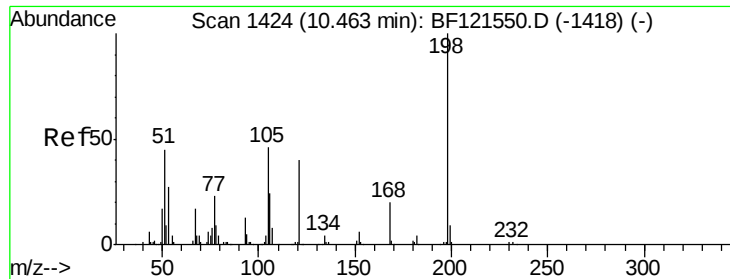
Tot Ion:166 Resp: 165169
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.2 118.8
 167 15.1 10.6 16.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF121761.D
 Acq: 1 Oct 2020 2:42

Tgt Ion:188 Resp: 472246
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.2 12.2
 80 11.7 8.9 13.3

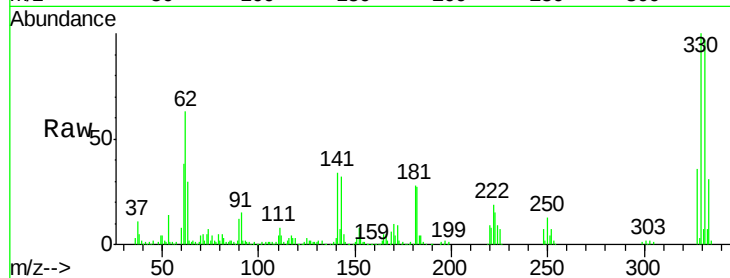




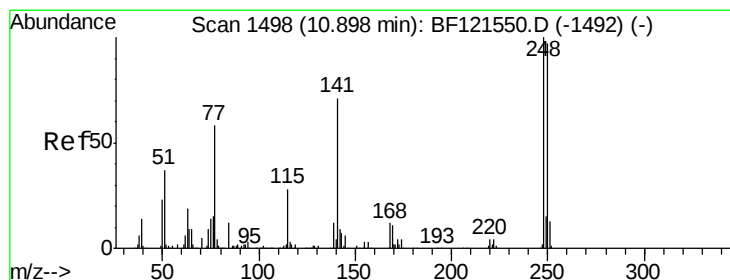
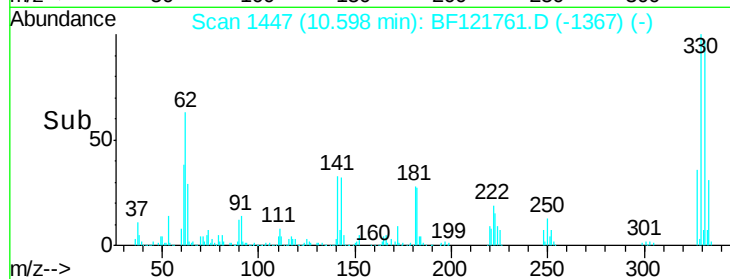
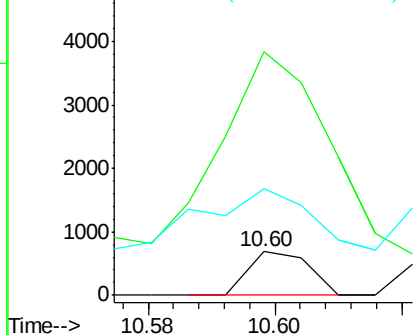
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.986 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.17 min
 Lab File: BF121761.D
 Acq: 1 Oct 2020 2:42

Instrument :
 BNA_F
 ClientSampleId :
 B-14(11-13)

Tot Ion:198 Resp: 452
 Ion Ratio Lower Upper
 198 100
 51 561.6 34.7 74.7#
 105 244.8 27.8 67.8#

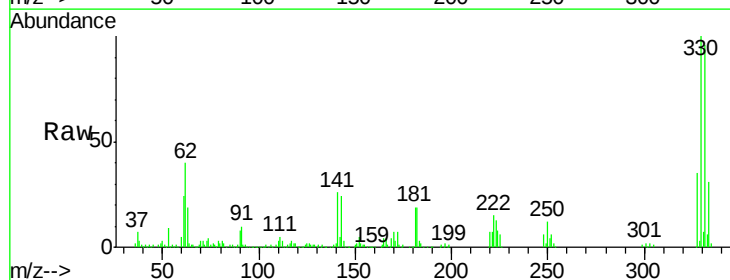


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

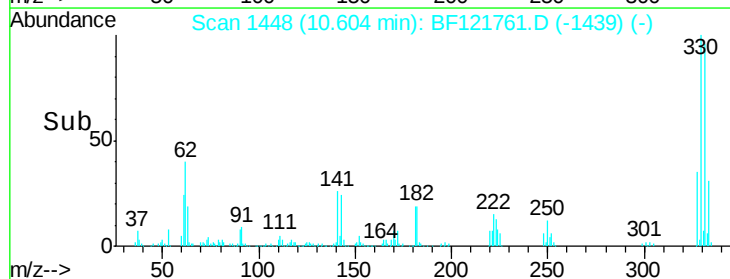
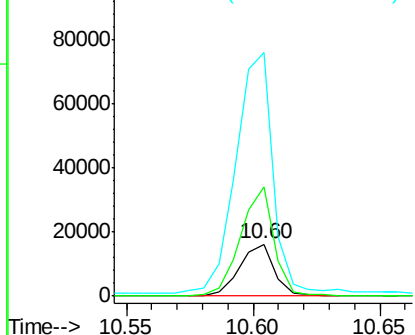


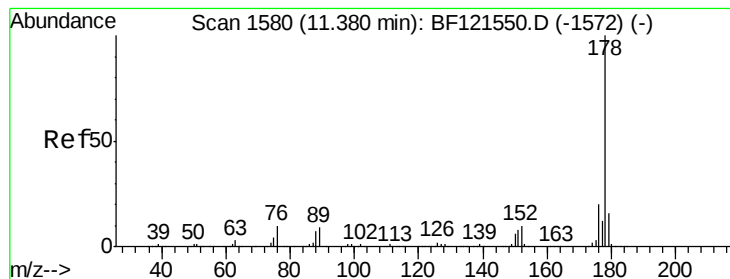
#67
 4-Bromophenyl-phenylether
 Concen: 2.867 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF121761.D
 Acq: 1 Oct 2020 2:42

Tgt Ion:248 Resp: 15416
 Ion Ratio Lower Upper
 248 100
 250 210.3 78.6 118.0#
 141 471.3 60.0 90.0#



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: 74.933 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

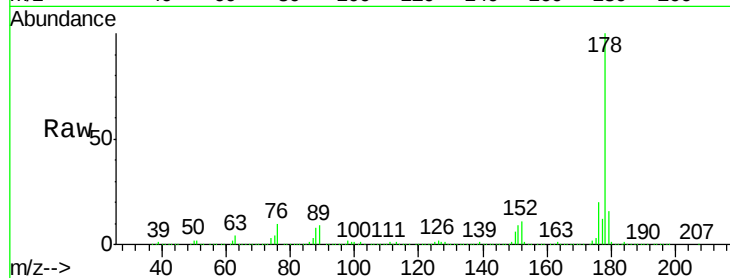
Tot Ion:178 Resp: 1928028

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

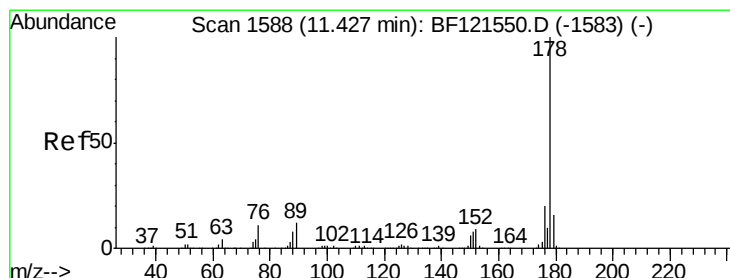
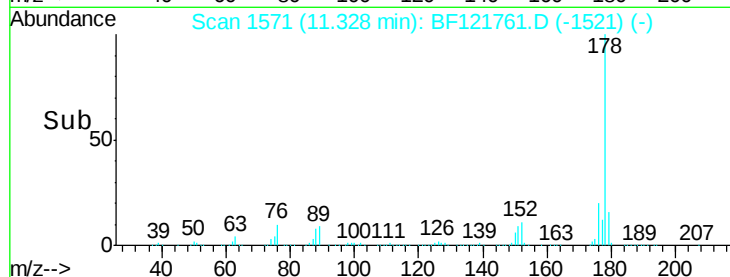
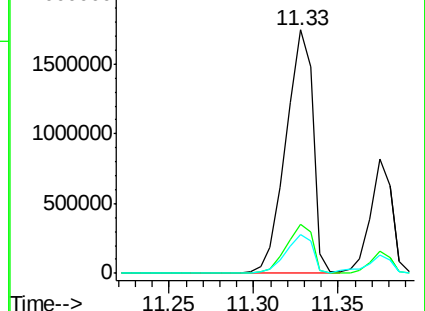
179 16.2 12.6 19.0



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



#72

Anthracene

Concen: 26.710 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

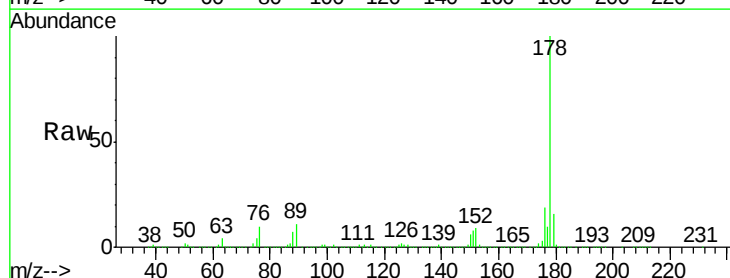
Tgt Ion:178 Resp: 709219

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

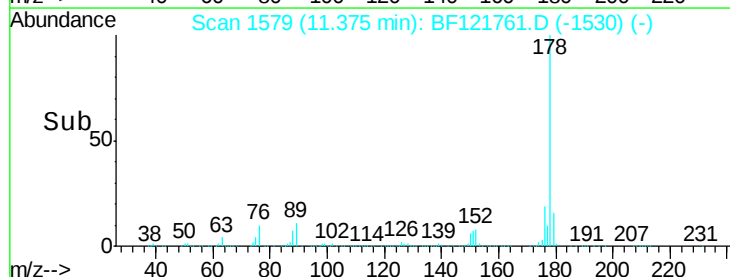
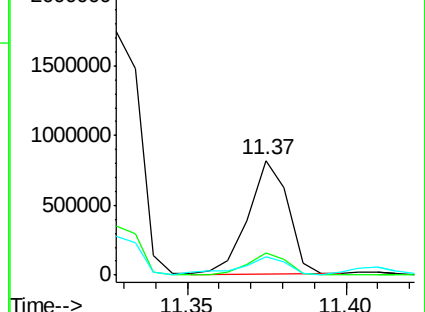
179 15.7 12.6 19.0

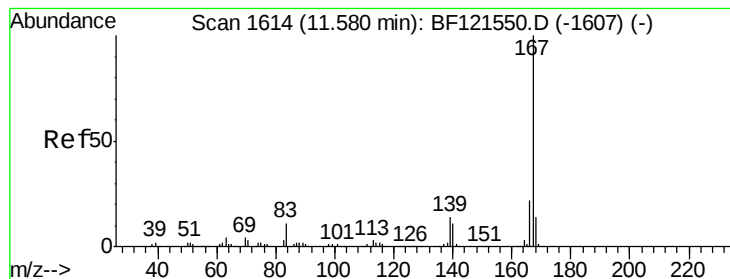


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 5.289 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

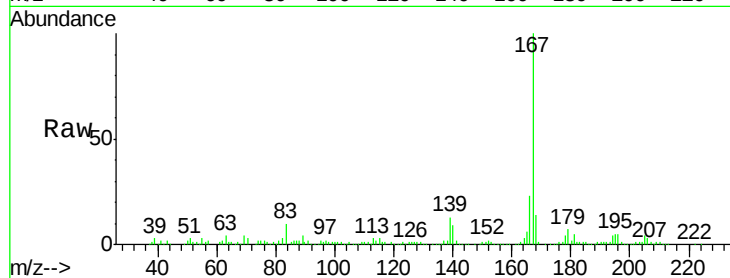
Tot Ion:167 Resp: 126724

Ion Ratio Lower Upper

167 100

166 23.3 17.7 26.5

139 12.7 10.9 16.3



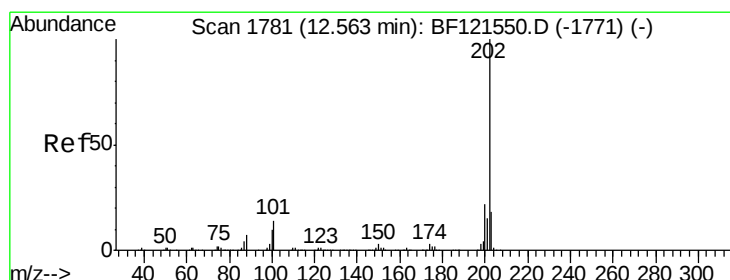
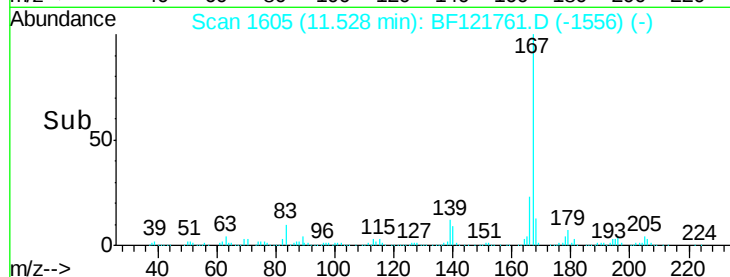
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.53

Time-->



#75

Fluoranthene

Concen: 107.206 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

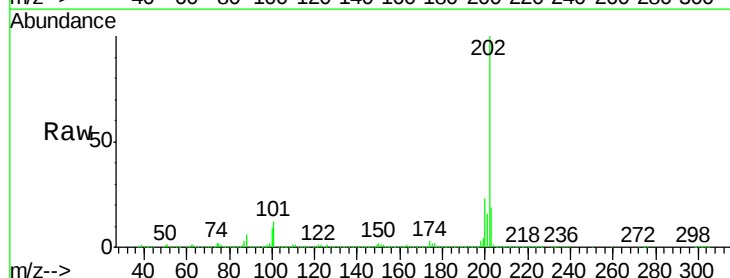
Tgt Ion:202 Resp: 2944565

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.0

203 18.5 0.0 38.0



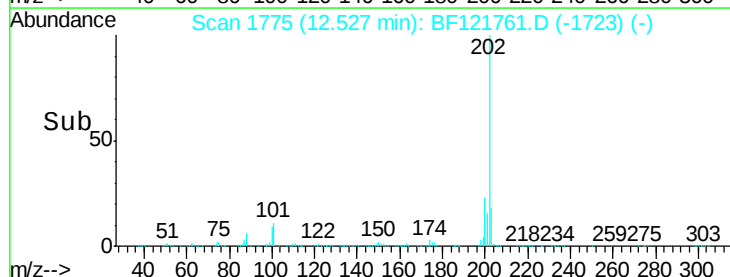
Abundance Ion 202.00 (201.70 to 202.70): E

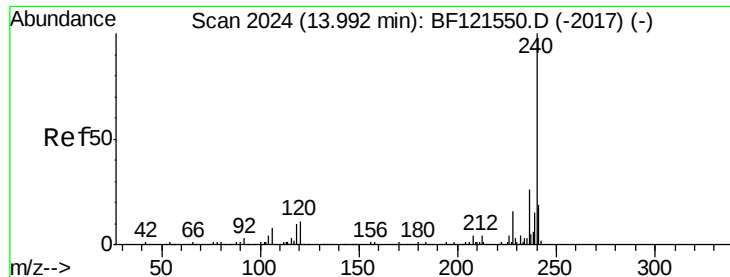
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.53

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

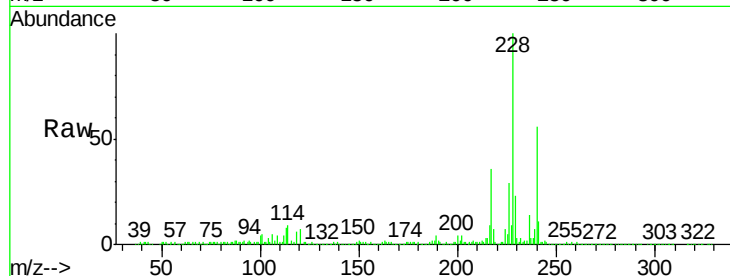
Tot Ion:240 Resp: 307562

Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.4

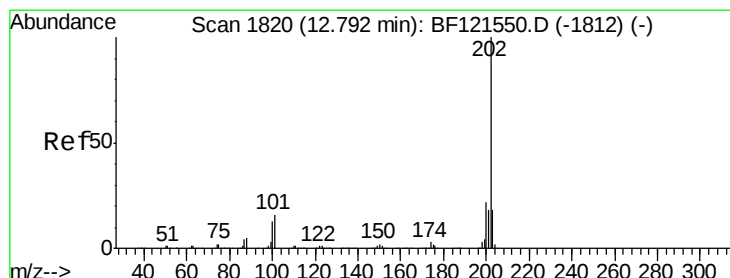
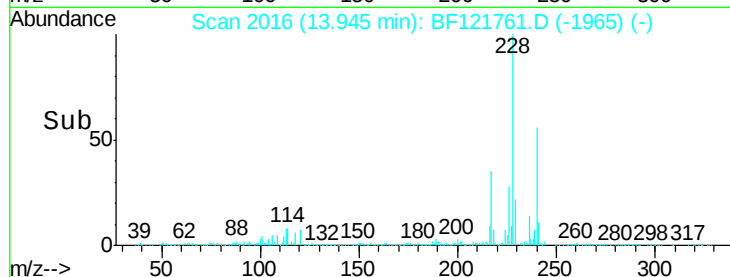
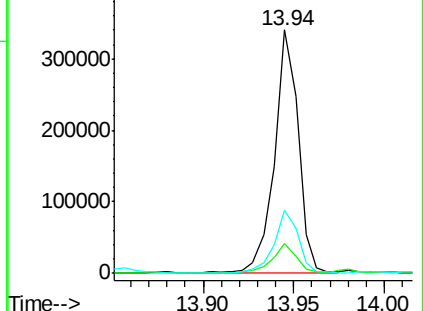
236 25.8 20.4 30.6



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: 123.085 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

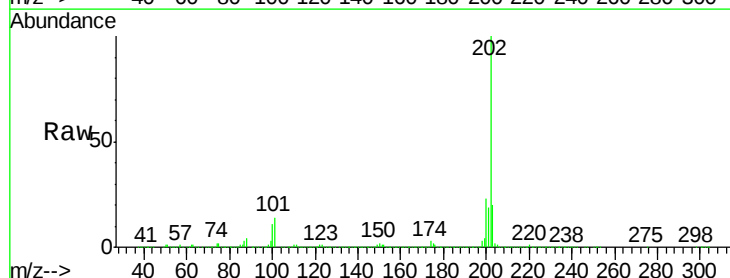
Tgt Ion:202 Resp: 2765904

Ion Ratio Lower Upper

202 100

200 23.0 17.4 26.2

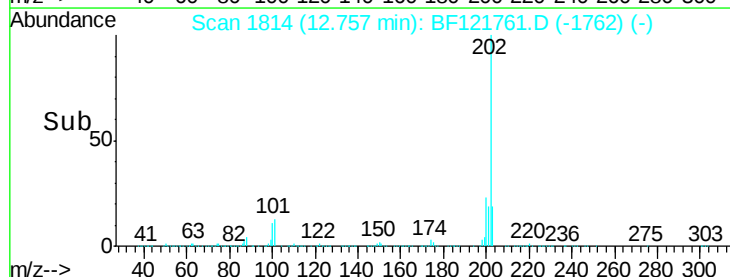
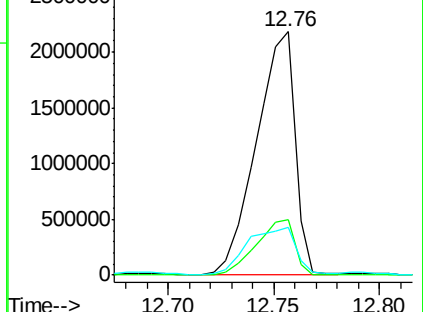
203 19.8 14.5 21.7

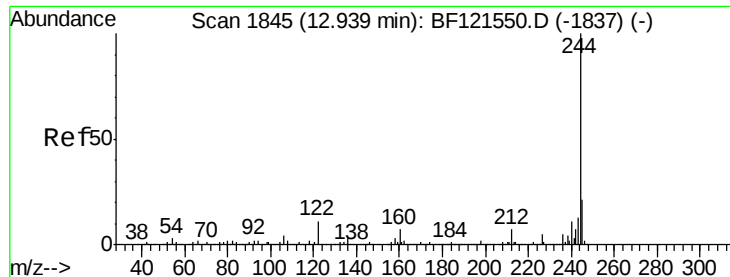


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.667 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

Instrument :

BNA_F

ClientSampleId :

B-14(11-13)

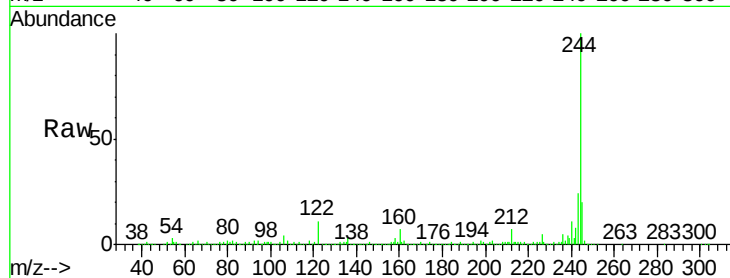
Tot Ion:244 Resp: 1012103

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

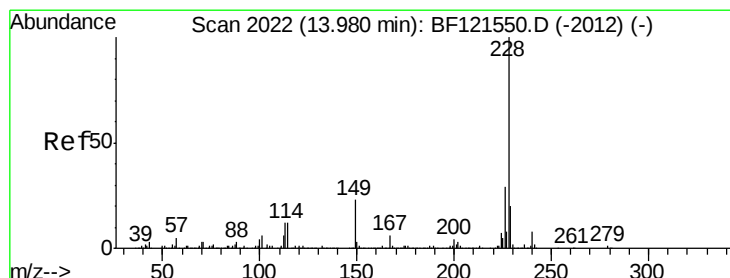
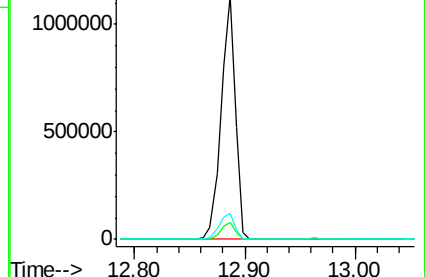
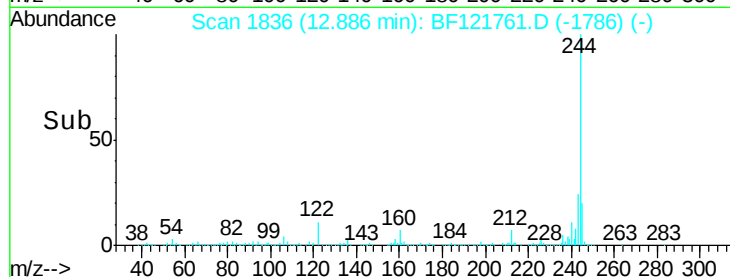
122 10.7 9.0 13.4



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: 86.459 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF121761.D

Acq: 1 Oct 2020 2:42

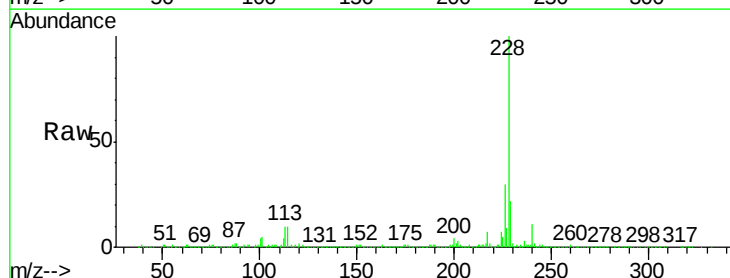
Tgt Ion:228 Resp: 1682308

Ion Ratio Lower Upper

228 100

226 29.8 22.2 33.2

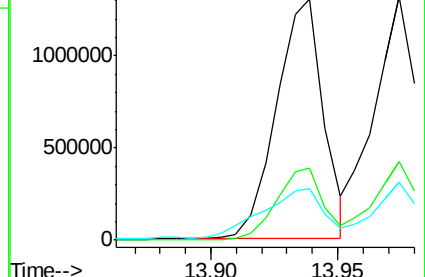
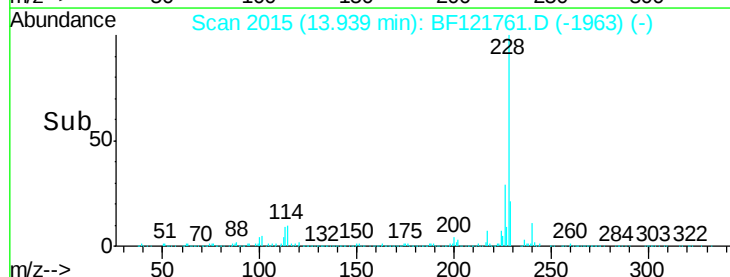
229 21.5 16.2 24.4

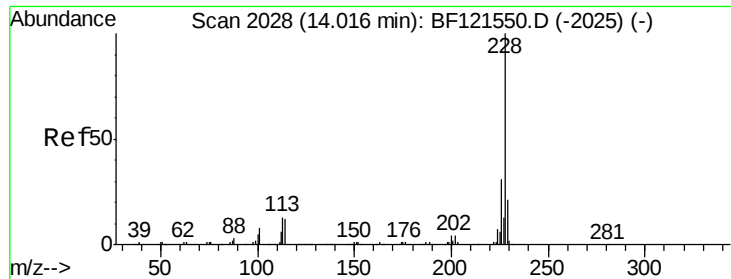


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

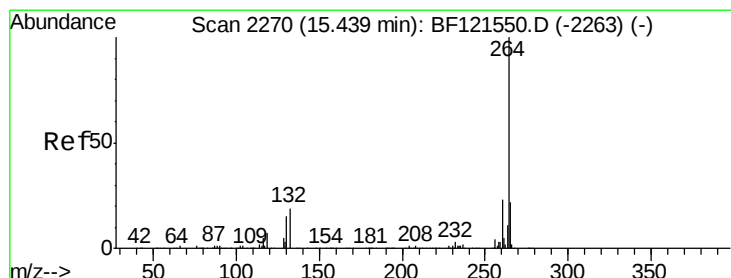
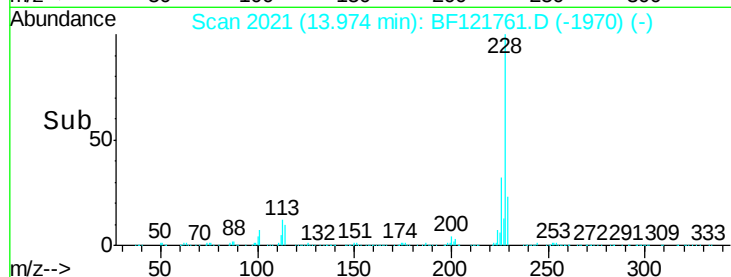
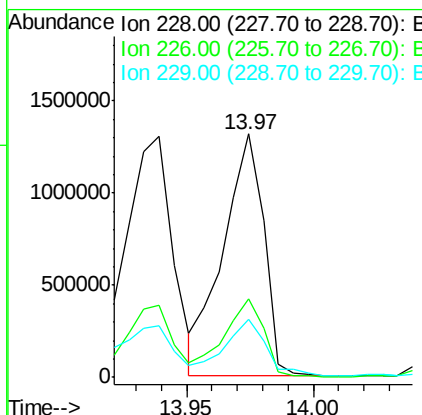
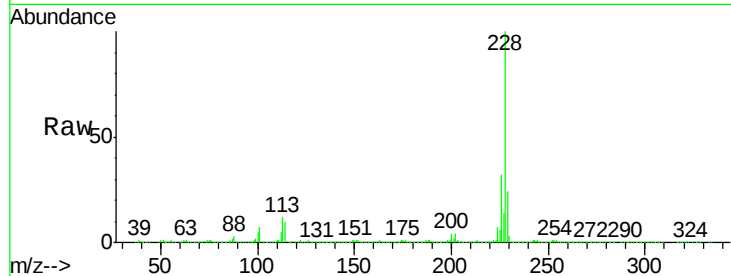




#83
Chrysene
Concen: 74.500 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

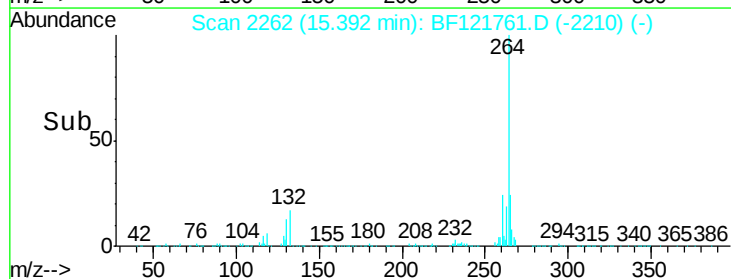
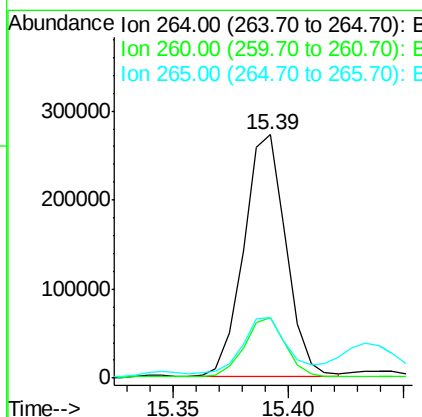
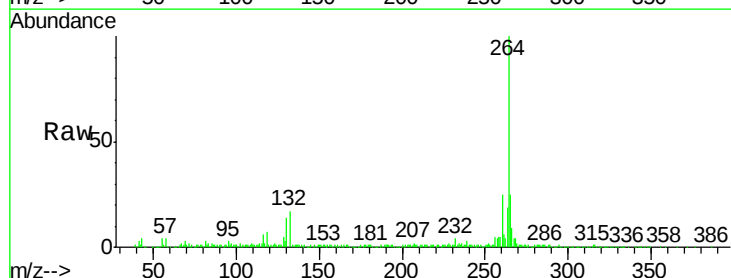
Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

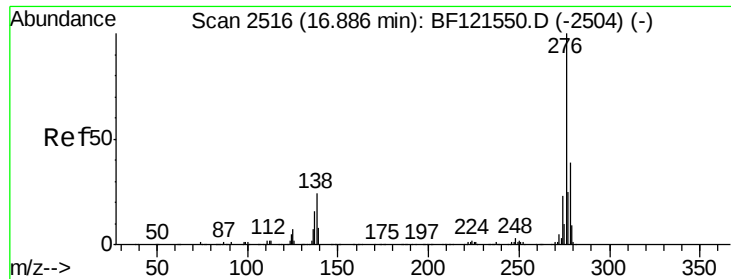
Tot Ion:228 Resp: 1467914
Ion Ratio Lower Upper
228 100
226 32.2 25.4 38.0
229 23.6 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion:264 Resp: 345784
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 24.9 17.3 25.9

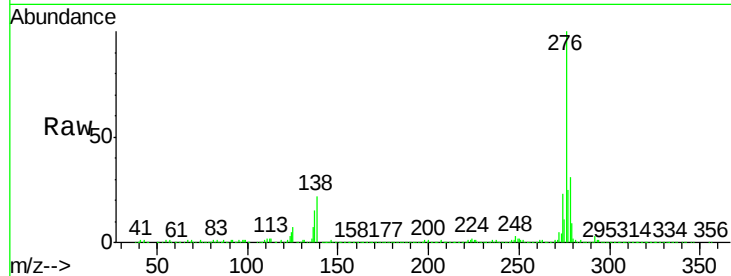




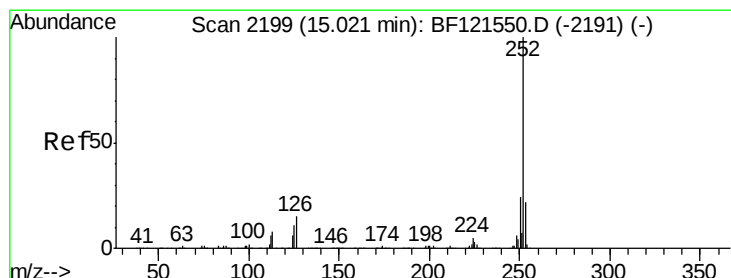
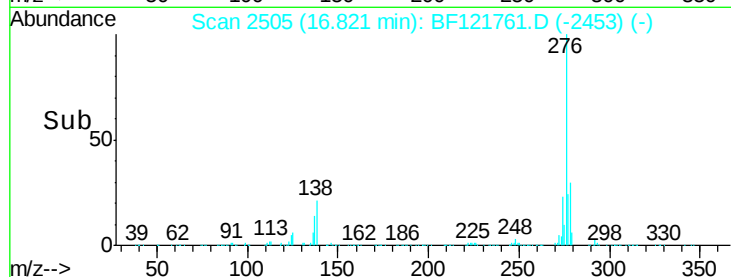
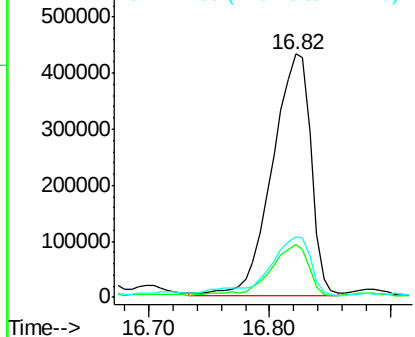
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.408 ng
 RT: 16.82 min Scan# 2505
 Delta R.T. 0.01 min
 Lab File: BF121761.D
 Acq: 1 Oct 2020 2:42

Instrument :
 BNA_F
 ClientSampleId :
 B-14(11-13)

Tot Ion:276 Resp: 954972
 Ion Ratio Lower Upper
 276 100
 138 21.6 19.4 29.0
 277 26.7 20.4 30.6

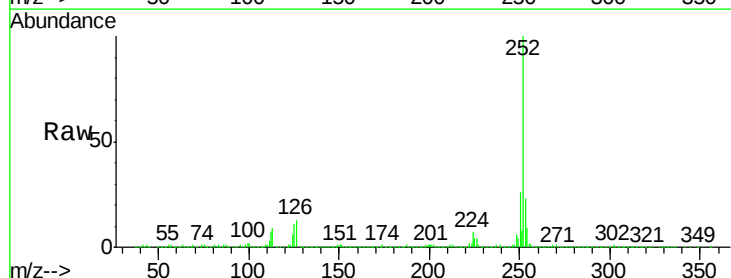


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

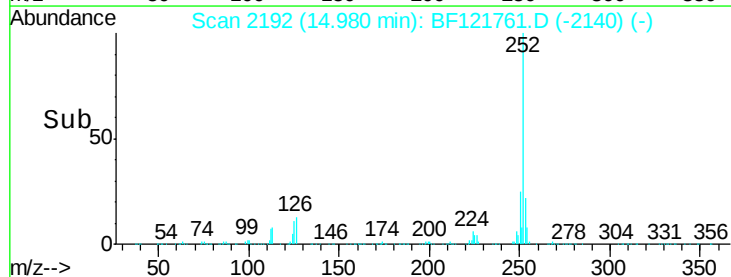
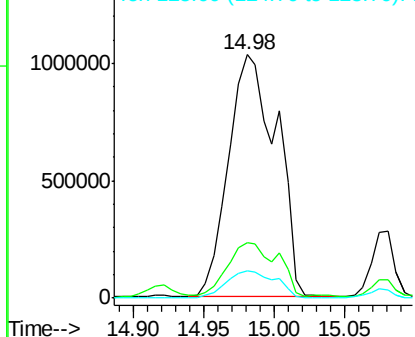


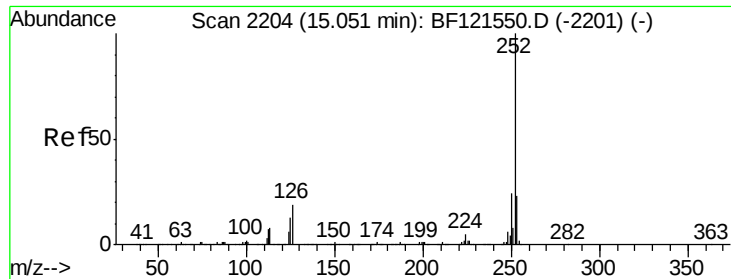
#88
 Benzo(b)fluoranthene
 Concen: 106.361 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. 0.01 min
 Lab File: BF121761.D
 Acq: 1 Oct 2020 2:42

Tgt Ion:252 Resp: 2458641
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.2
 125 11.2 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

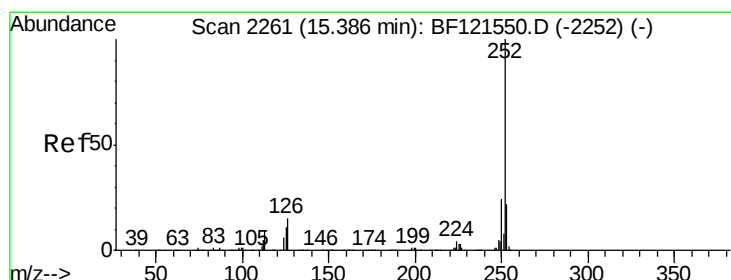
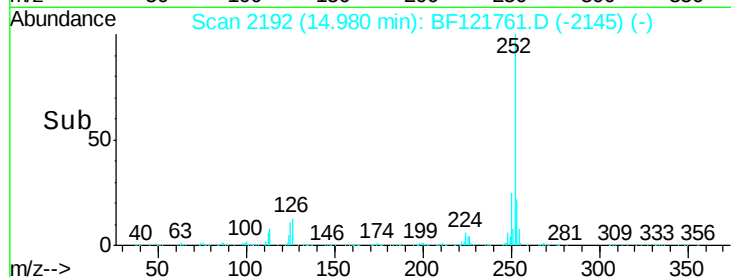
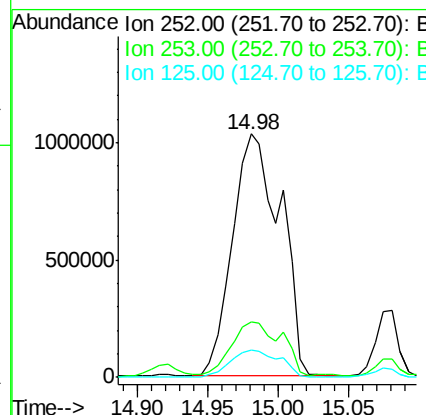
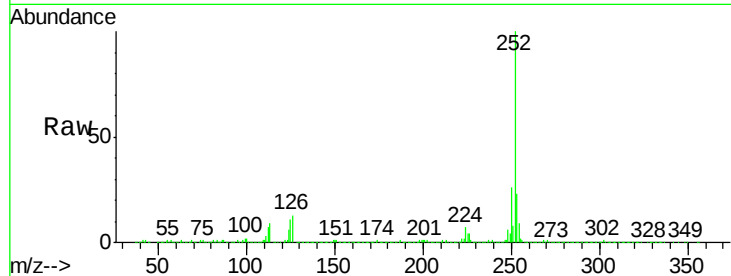




#89
Benzo(k)fluoranthene
Concen: 116.147 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

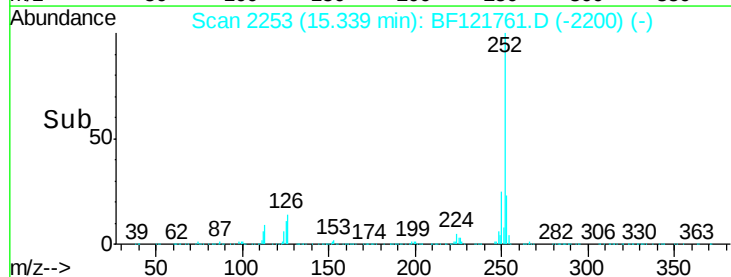
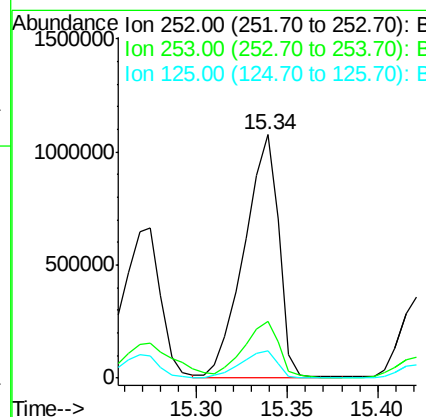
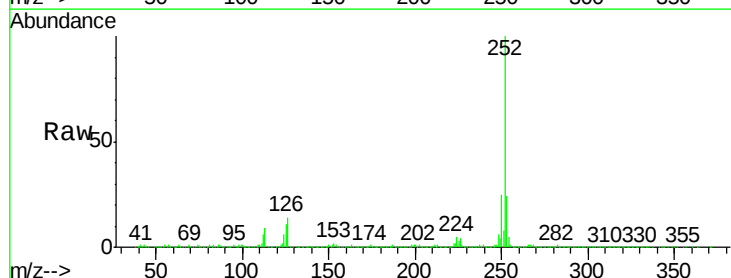
Instrument :
BNA_F
ClientSampled :
B-14(11-13)

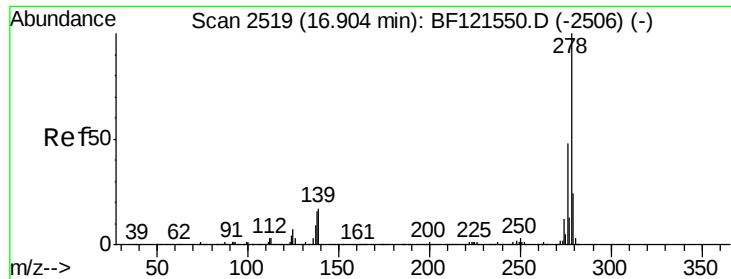
Tot Ion:252 Resp: 2458641
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.2 7.8 11.6



#90
Benzo(a)pyrene
Concen: 72.394 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion:252 Resp: 1422506
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 11.0 9.2 13.8

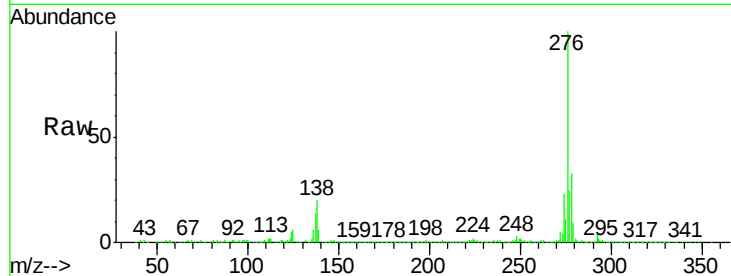




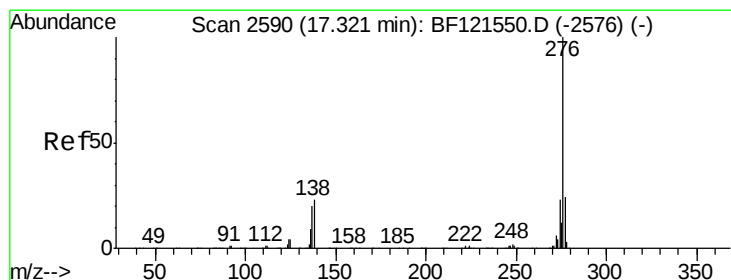
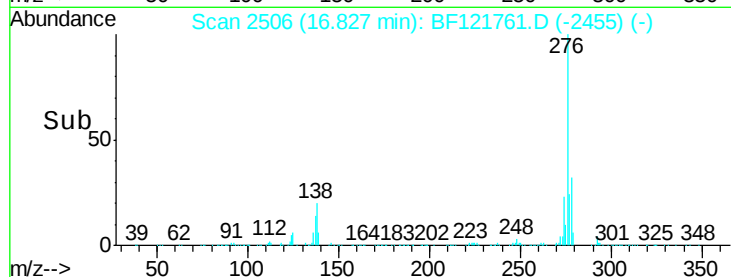
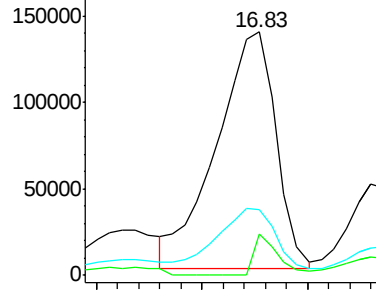
#91
Dibenzo(a,h)anthracene
Concen: 14.369 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Instrument :
BNA_F
ClientSampleId :
B-14(11-13)

Tot Ion:278 Resp: 269341
Ion Ratio Lower Upper
278 100
139 17.2 12.5 18.7
279 26.9 19.2 28.8

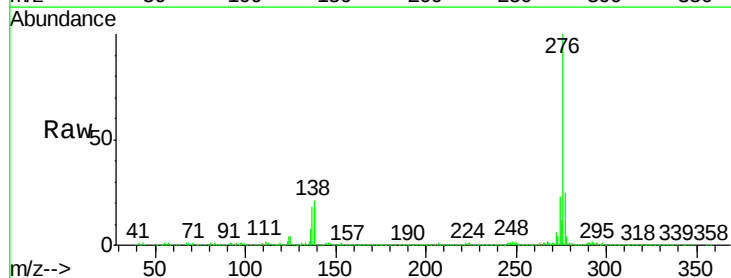


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.314 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF121761.D
Acq: 1 Oct 2020 2:42

Tgt Ion:276 Resp: 871805
Ion Ratio Lower Upper
276 100
277 24.7 19.2 28.8
138 21.5 16.7 25.1



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

