

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121776.D
 Acq On : 1 Oct 2020 19:47
 Operator : JU/CG
 Sample : L4172-09DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-11)DL

Quant Time: Oct 01 20:11:28 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	6.77	152	129780	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	458359	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	204114	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	336318	20.00	ng	0.00
76) Chrysene-d12	13.94	240	319364	20.00	ng	0.00
86) Perylene-d12	15.38	264	281016	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	74830	8.57	ng	0.00
7) Phenol-d6	6.41	99	94213	8.22	ng	0.00
23) Nitrobenzene-d5	7.33	82	53927	6.32	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	16785	6.62	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	93929	6.97	ng	0.00
79) Terphenyl-d14	12.87	244	75698	4.80	ng	0.00

Target Compounds

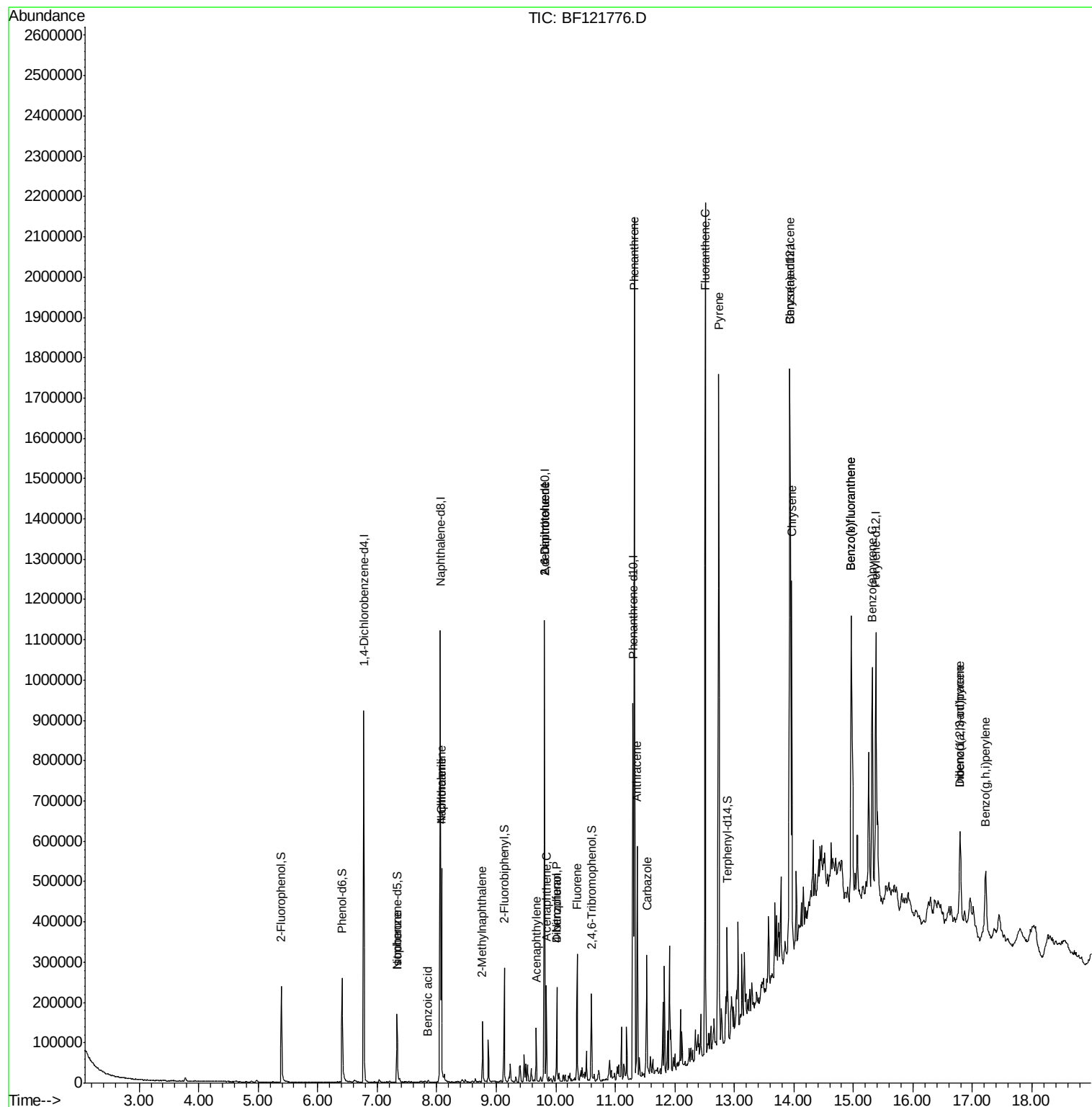
						Qvalue
25) Isophorone	7.33	82	53935	3.139	ng	# 67
31) Naphthalene	8.08	128	227779	9.414	ng	99
32) Benzoic acid	7.86	122	1166	7.110	ng	# 18
33) 4-Chloroaniline	8.08	127	28641	2.731	ng	# 35
37) 2-Methylnaphthalene	8.77	142	41086	2.591	ng	98
49) Acenaphthylene	9.67	152	49404	2.497	ng	98
51) 2,6-Dinitrotoluene	9.81	165	27640	8.773	ng	# 21
52) Acenaphthene	9.84	154	48236	3.860	ng	98
55) Dibenzofuran	10.02	168	79731	4.531	ng	97
56) 4-Nitrophenol	10.02	139	29428	10.110	ng	# 12
57) 2,4-Dinitrotoluene	9.81	165	27640	6.973	ng	# 20
58) Fluorene	10.36	166	81566	6.061	ng	98
71) Phenanthrene	11.32	178	722449	39.426	ng	100
72) Anthracene	11.37	178	206810	10.937	ng	98
73) Carbazole	11.53	167	102756	6.022	ng	97
75) Fluoranthene	12.51	202	814144	41.621	ng	100
78) Pyrene	12.74	202	653928	28.025	ng	99
81) Benzo(a)anthracene	13.93	228	382970	18.955	ng	99
83) Chrysene	13.96	228	301345	14.729	ng	96
87) Indeno(1,2,3-cd)pyrene	16.79	276	130294	7.120	ng	95
88) Benzo(b)fluoranthene	14.96	252	510371	27.167	ng	98
89) Benzo(k)fluoranthene	14.96	252	510371	29.667	ng	97
90) Benzo(a)pyrene	15.32	252	256425	16.058	ng	96
91) Dibenzo(a,h)anthracene	16.80	278	35178	2.309	ng	# 83
92) Benzo(g,h,i)perylene	17.22	276	113113	7.554	ng	99

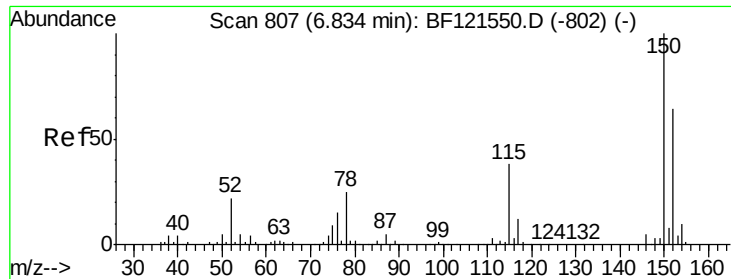
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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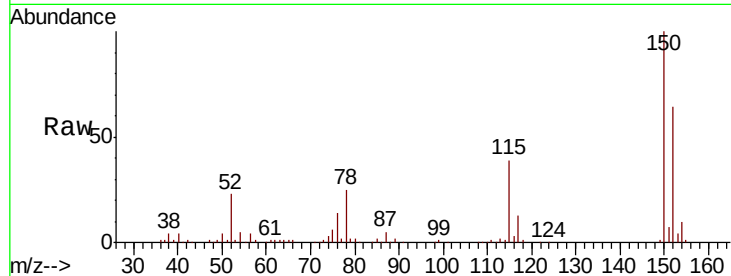


#1

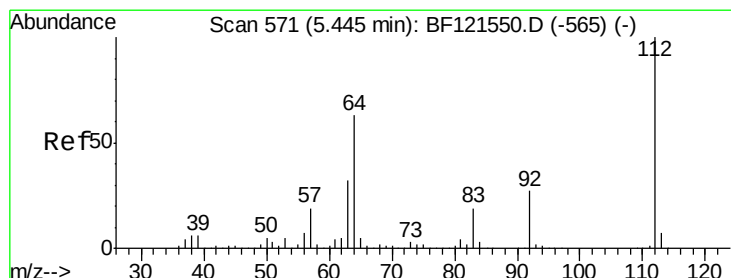
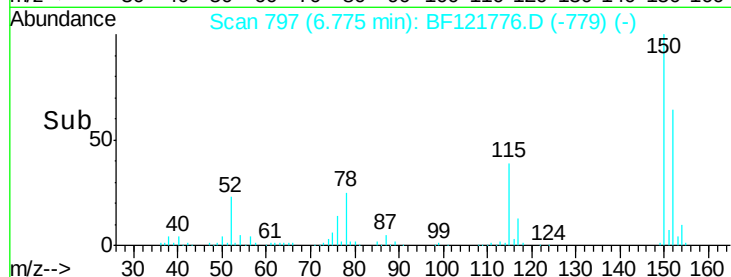
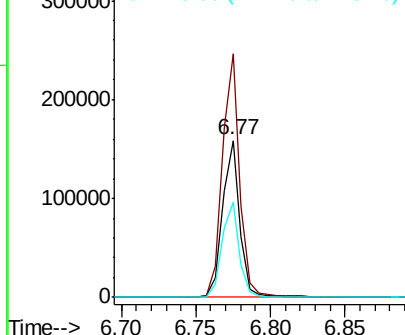
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Instrument :
BNA_F
ClientSampleId :
B-7(9-11)DL

Tot Ion:152 Resp: 129780
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 60.8 51.9 77.9



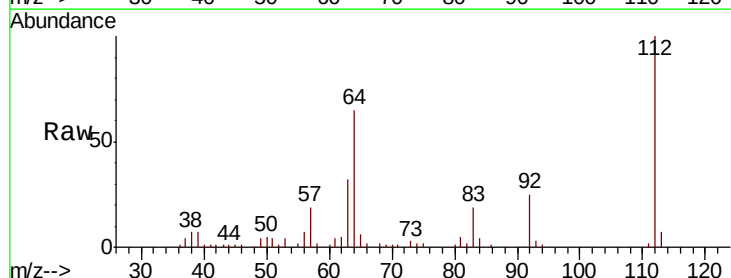
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



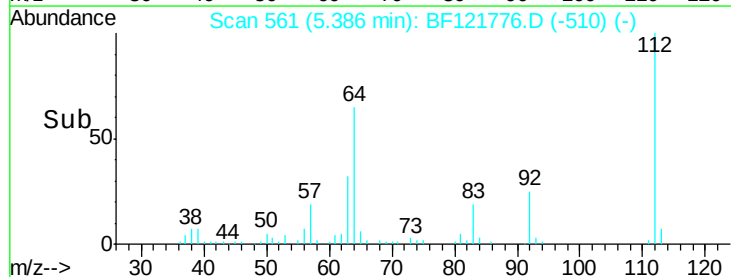
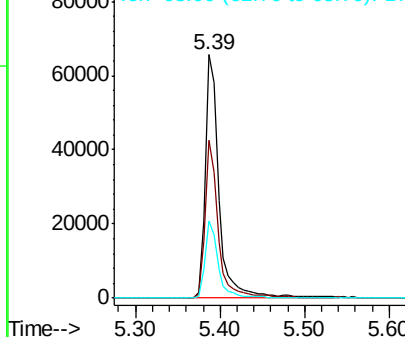
#5

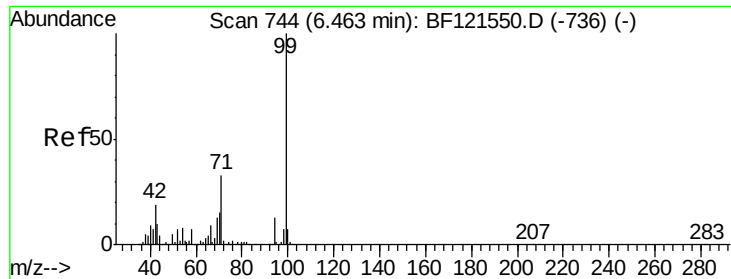
2-Fluorophenol
Concen: 8.569 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Tgt Ion:112 Resp: 74830
Ion Ratio Lower Upper
112 100
64 65.0 50.4 75.6
63 31.8 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: 8.223 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

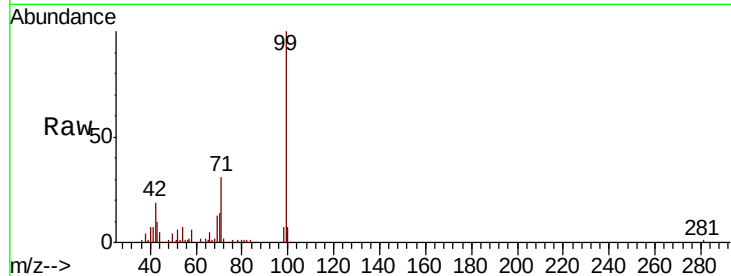
Tot Ion: 99 Resp: 94213

Ion Ratio Lower Upper

99 100

42 19.1 15.9 23.9

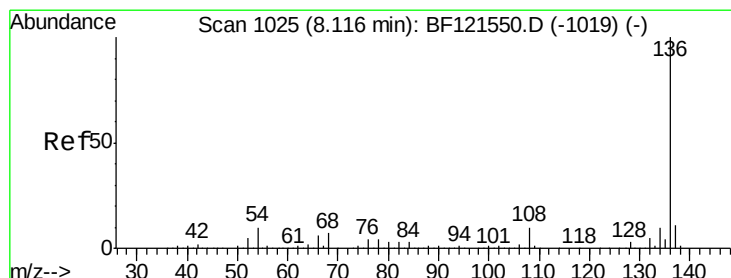
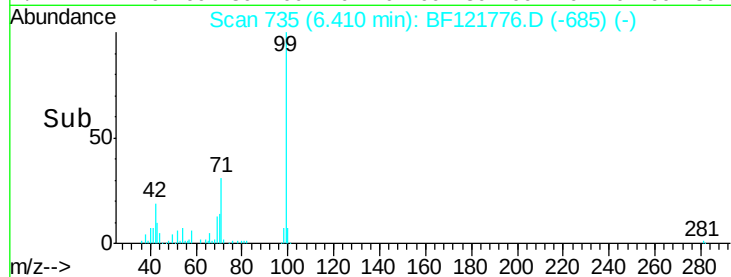
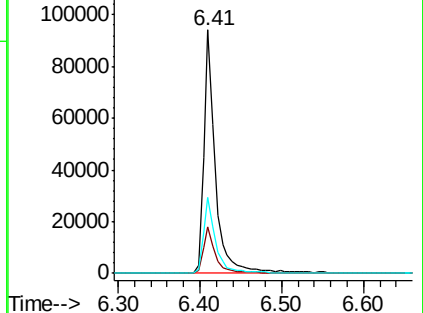
71 31.2 27.1 40.7



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: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Tgt Ion: 136 Resp: 458359

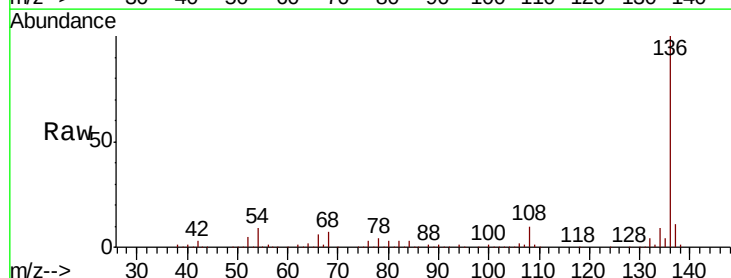
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.2 7.1 10.7

68 6.7 5.0 7.4

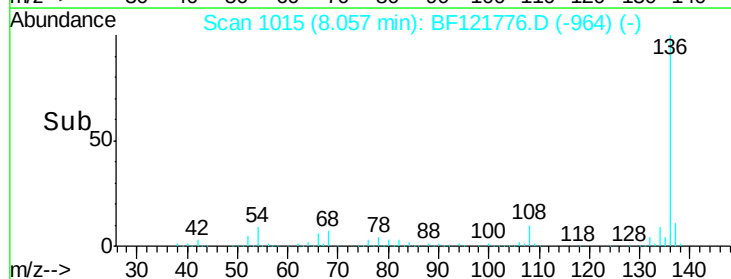
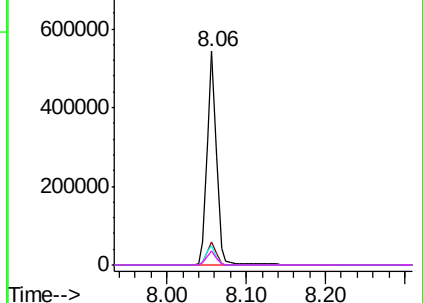


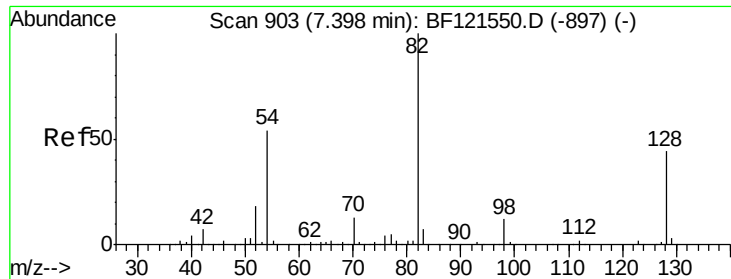
Abundance Ion 136.00 (135.70 to 136.70): E

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

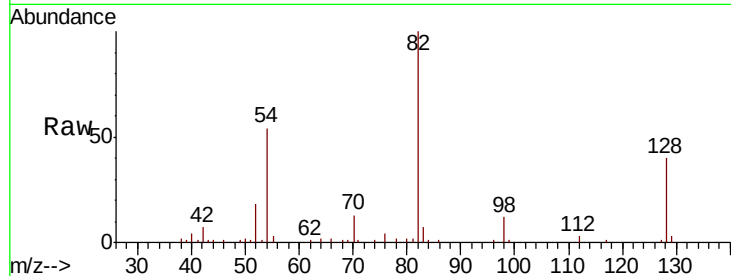




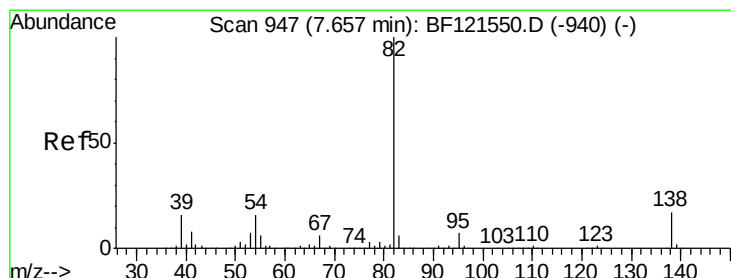
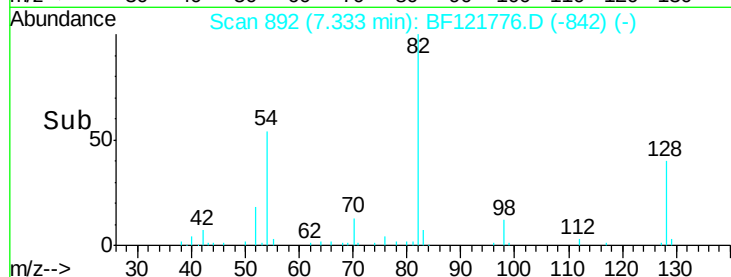
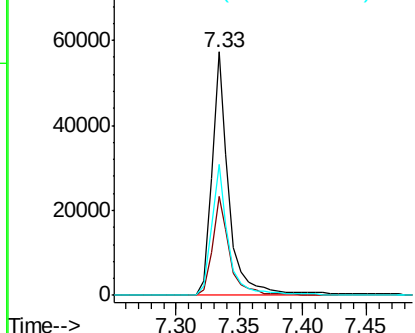
#23
 Nitrobenzene-d5
 Concen: 6.317 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

Instrument :
 BNA_F
 ClientSampleID :
 B-7(9-11)DL

Tot Ion	82	Resp	53927
Ion Ratio	Lower	Upper	
82	100		
128	40.4	35.0	52.4
54	53.7	43.9	65.9

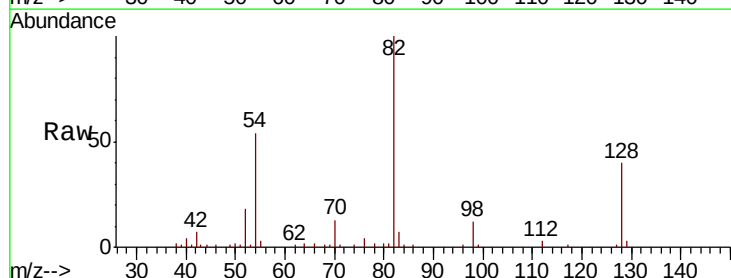


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

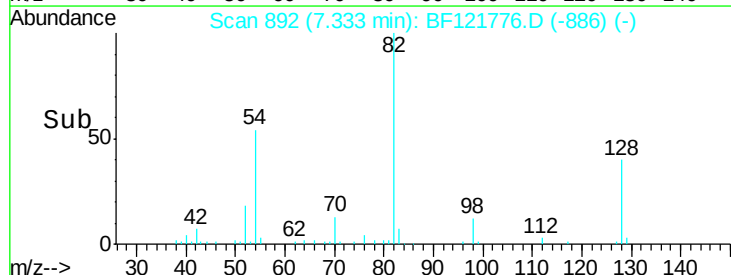
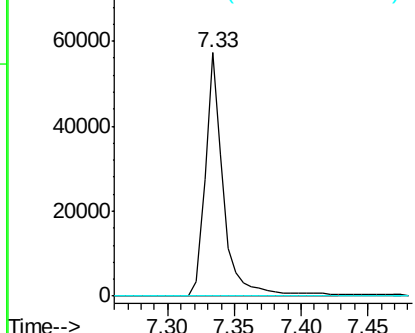


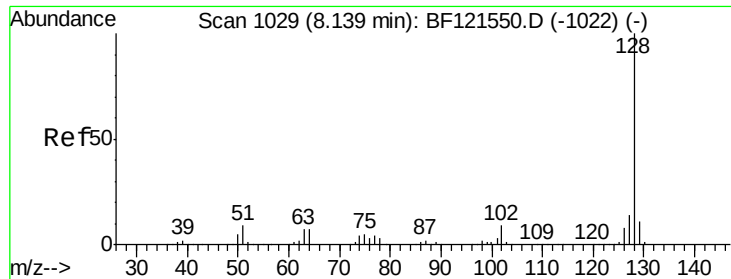
#25
 Isophorone
 Concen: 3.139 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

Tgt Ion	82	Resp	53935
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



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

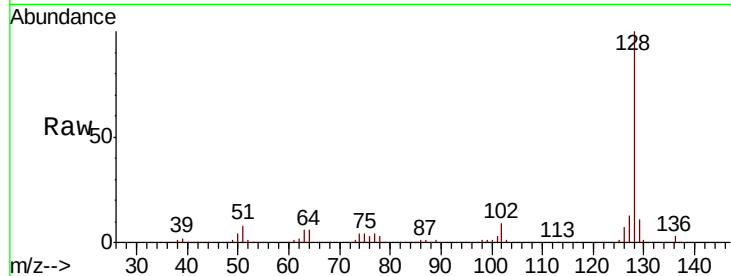




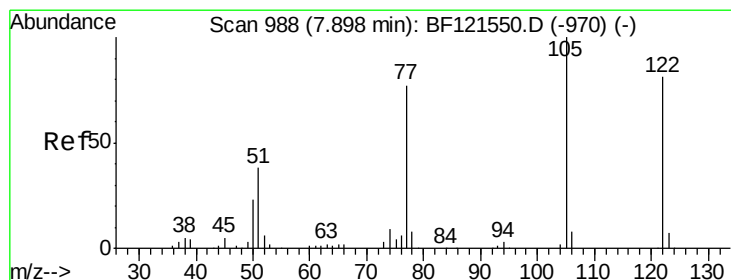
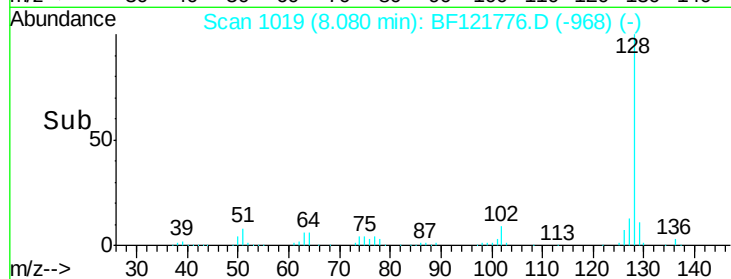
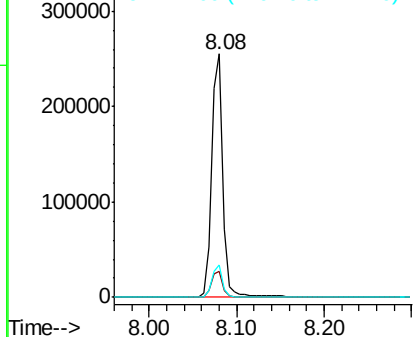
#31
Naphthalene
Concen: 9.414 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Instrument :
BNA_F
ClientSampleId :
B-7(9-11)DL

Tot Ion:128 Resp: 227779
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.1 10.8 16.2

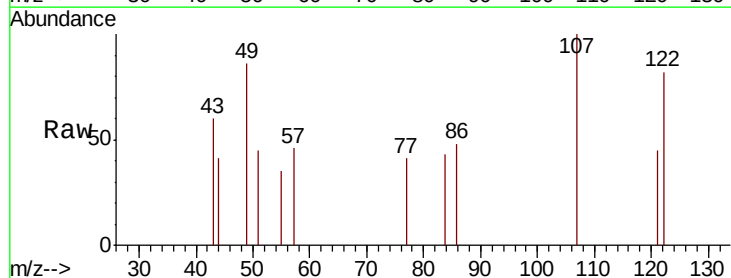


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

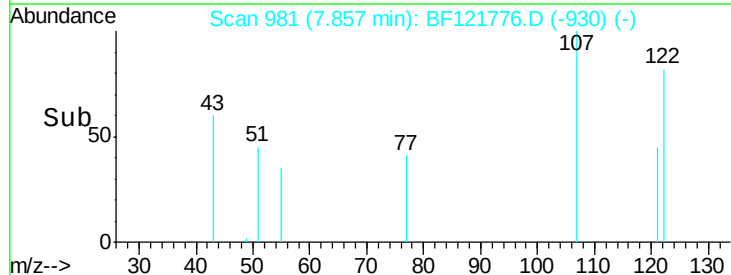
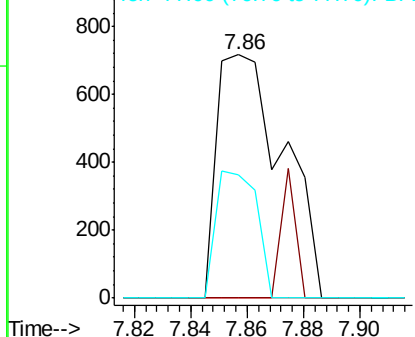


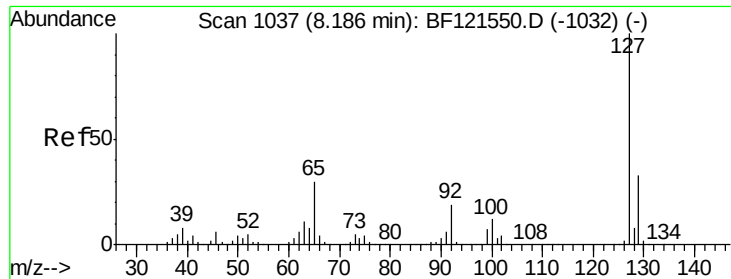
#32
Benzoic acid
Concen: 7.110 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Tgt Ion:122 Resp: 1166
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 50.3 73.9 113.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

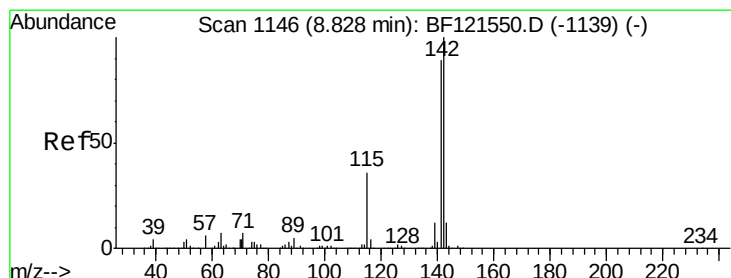
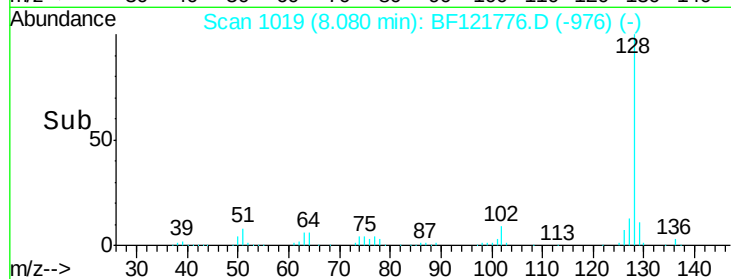
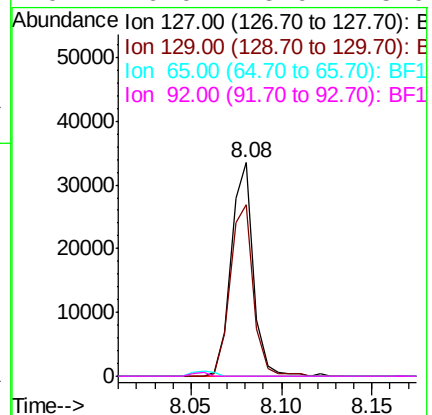
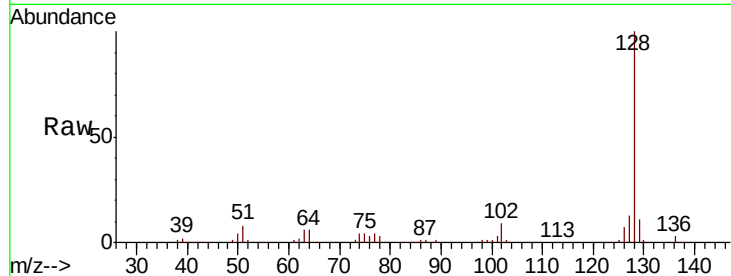




#33
 4-Chloroaniline
 Concen: 2.731 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.05 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

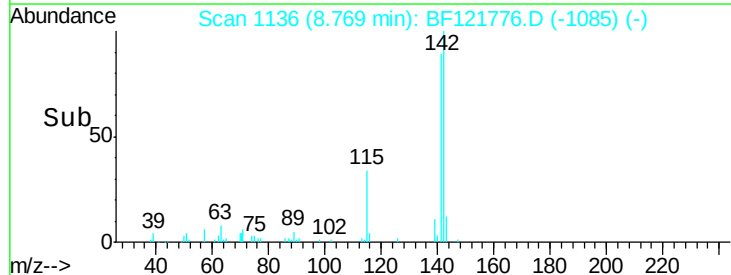
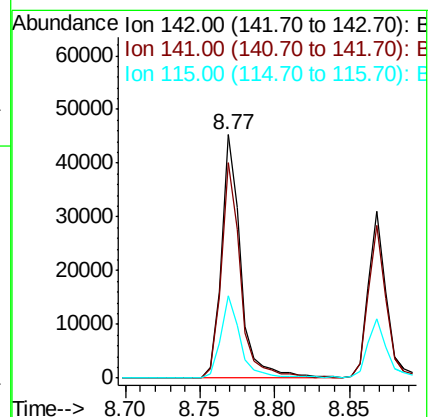
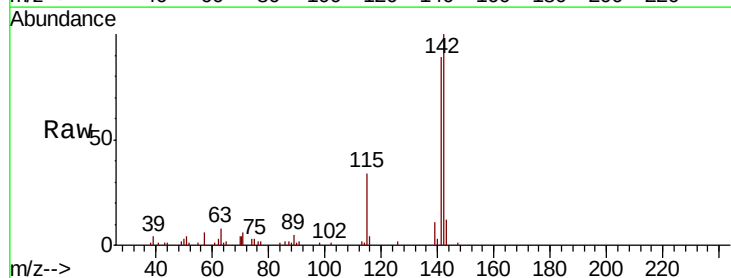
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 BNA_F
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 B-7(9-11)DL

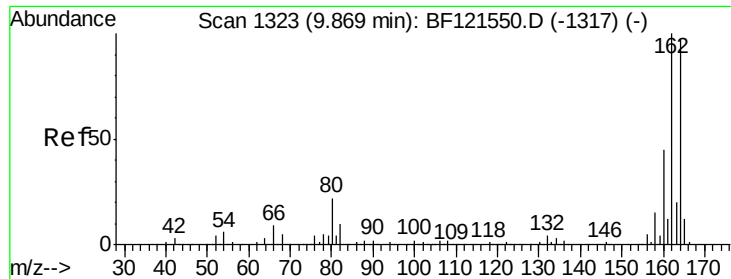
Tot Ion:	127	Resp:	28641
Ion	Ratio	Lower	Upper
127	100		
129	80.5	26.3	39.5#
65	0.0	26.2	39.2#
92	0.0	15.9	23.9#



#37
 2-Methylnaphthalene
 Concen: 2.591 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

Tgt Ion:	142	Resp:	41086
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	33.6	28.6	43.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

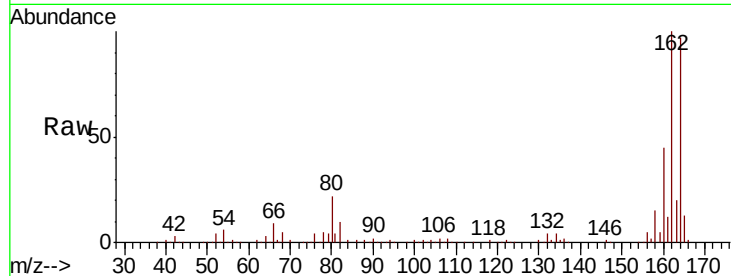
Tot Ion:164 Resp: 204114

Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

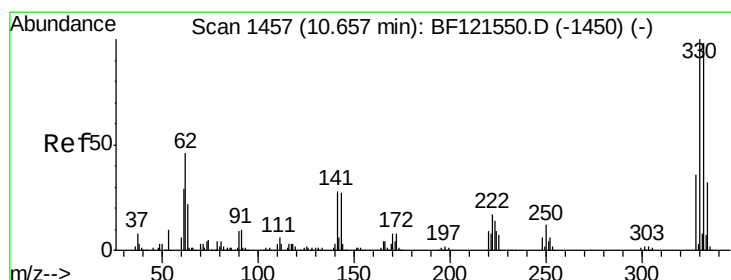
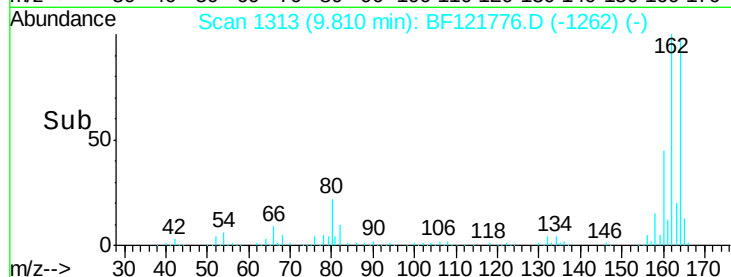
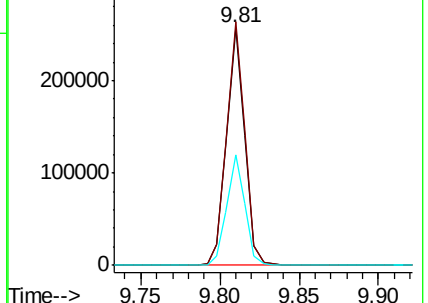
160 46.5 37.5 56.3



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: 6.616 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

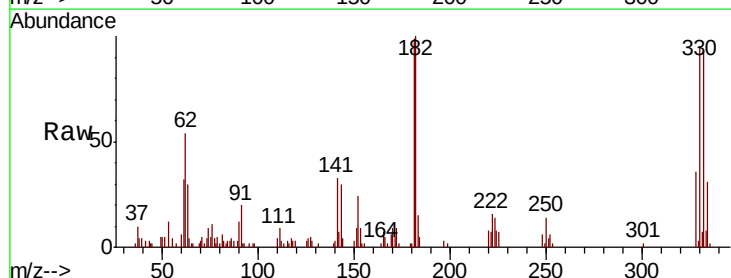
Tgt Ion:330 Resp: 16785

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

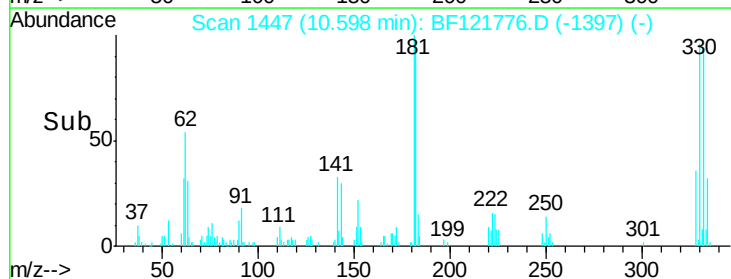
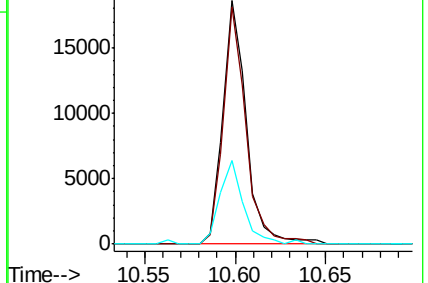
141 34.4 22.3 33.5#

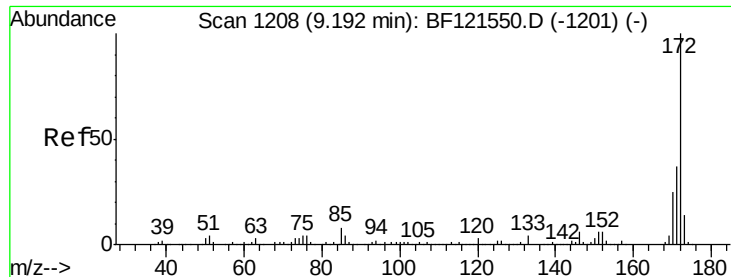


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

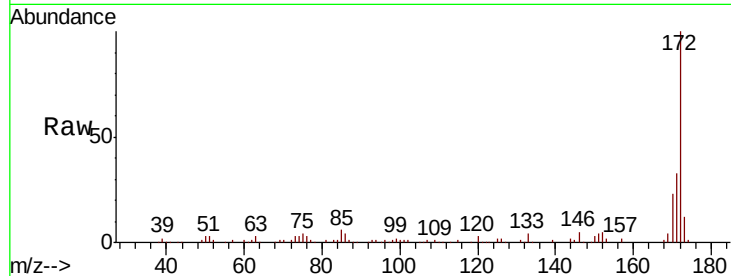




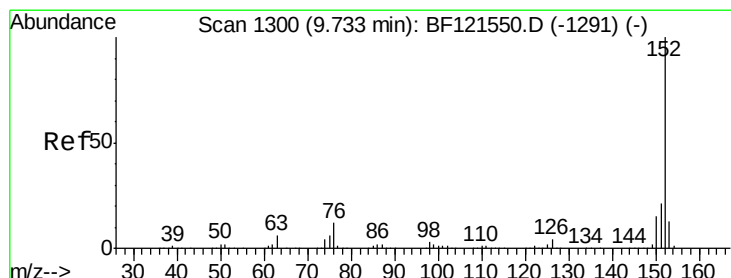
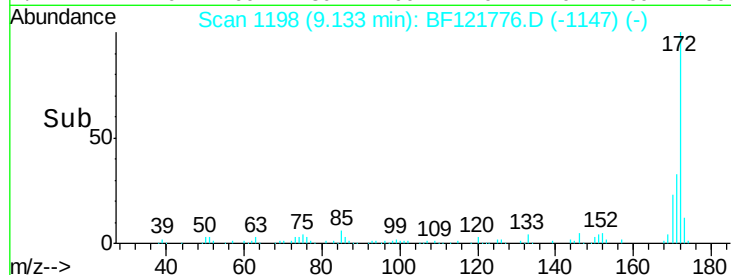
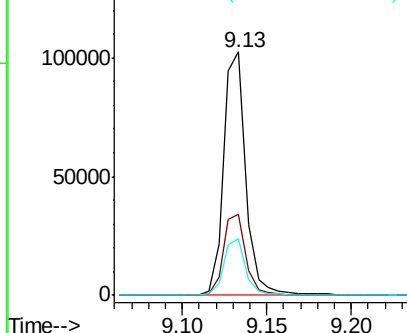
#45
2-Fluorobiphenyl
Concen: 6.970 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Instrument :
BNA_F
ClientSampleId :
B-7(9-11)DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.1	43.7
170	23.2	19.8	29.6

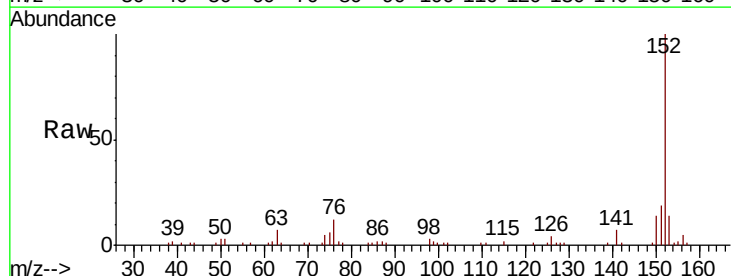


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

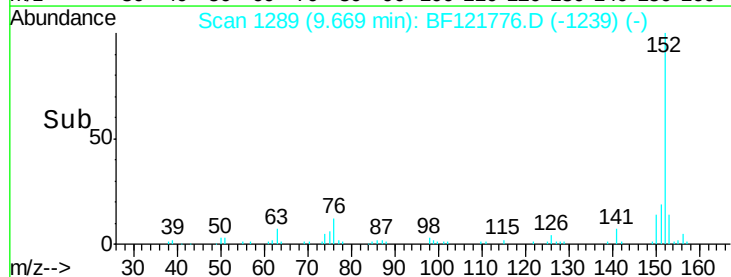
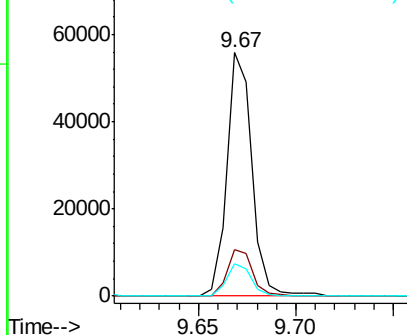


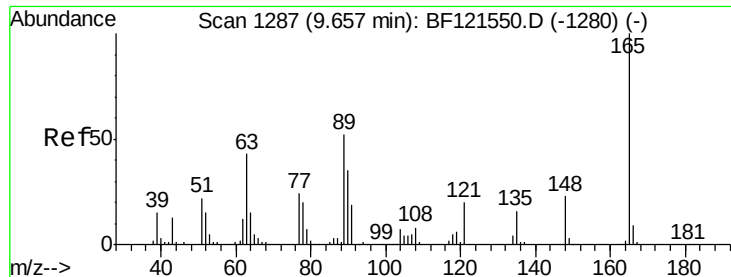
#49
Acenaphthylene
Concen: 2.497 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.4	24.6
153	13.5	10.6	15.8



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





#51

2,6-Dinitrotoluene

Concen: 8.773 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.21 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

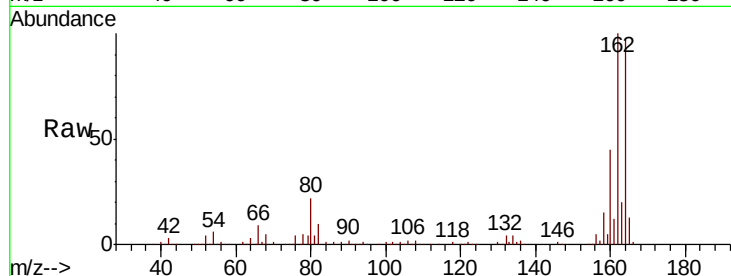
Tot Ion:165 Resp: 27640

Ion Ratio Lower Upper

165 100

63 1.8 51.8 77.6#

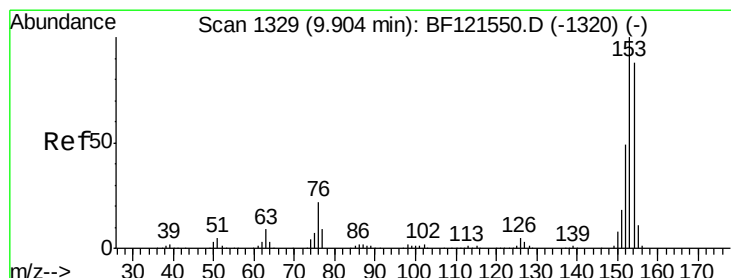
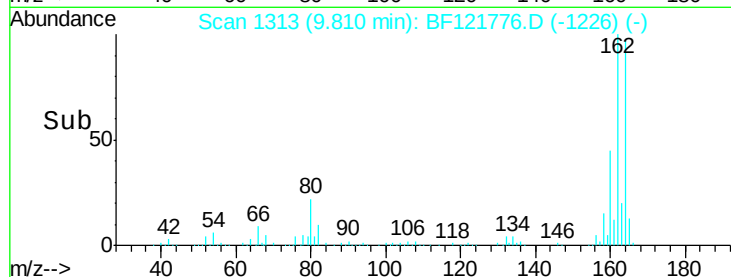
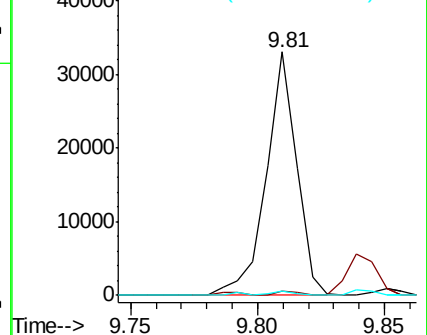
89 1.5 49.0 73.6#



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: 3.860 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

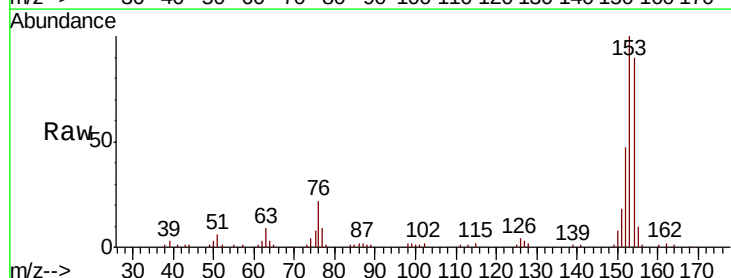
Tgt Ion:154 Resp: 48236

Ion Ratio Lower Upper

154 100

153 110.6 89.8 134.8

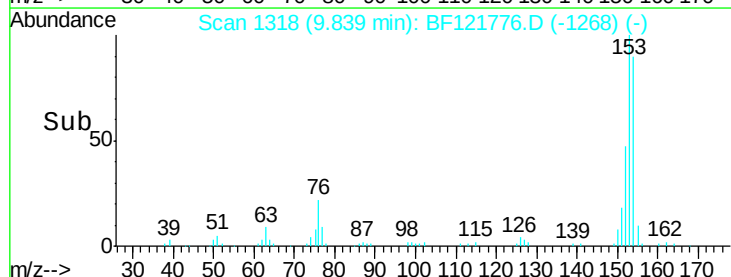
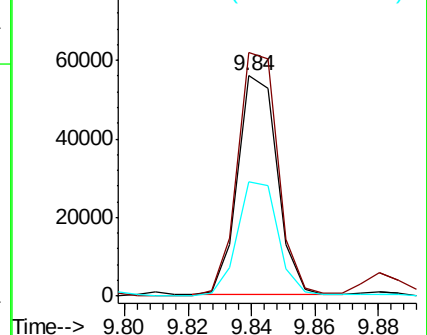
152 51.9 43.2 64.8

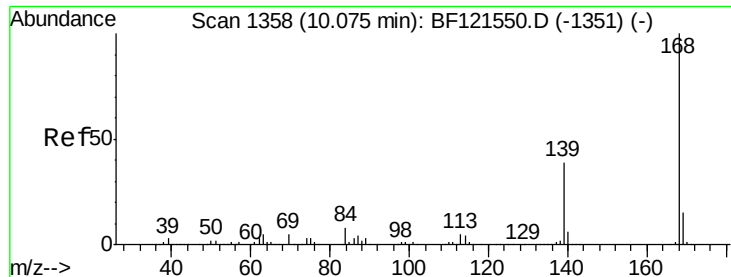


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

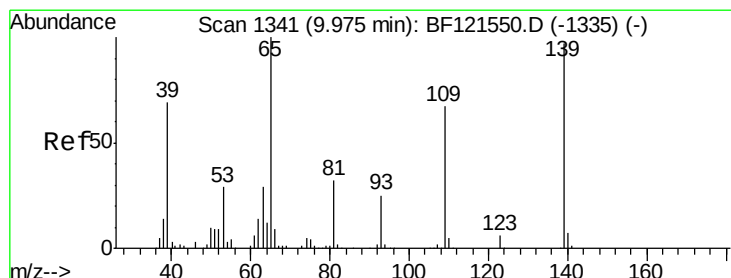
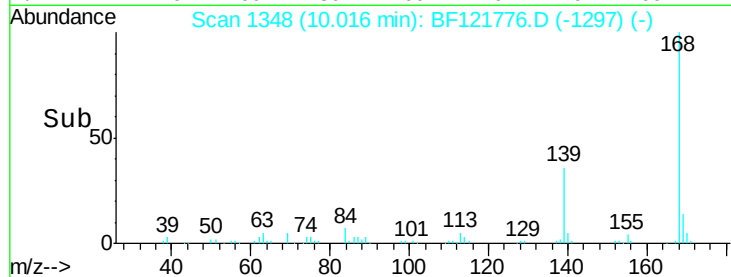
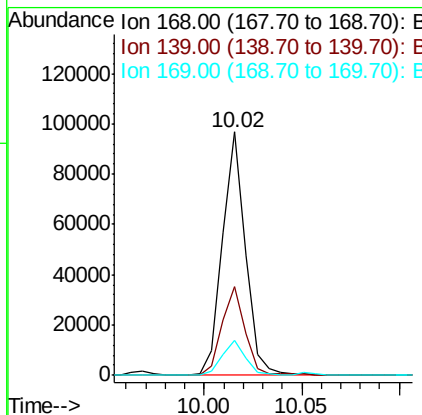
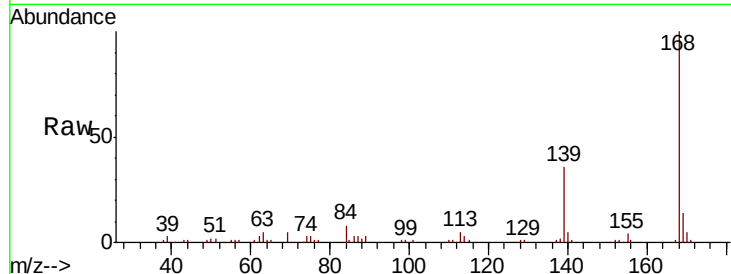




#55
Dibenzenofuran
Concen: 4.531 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

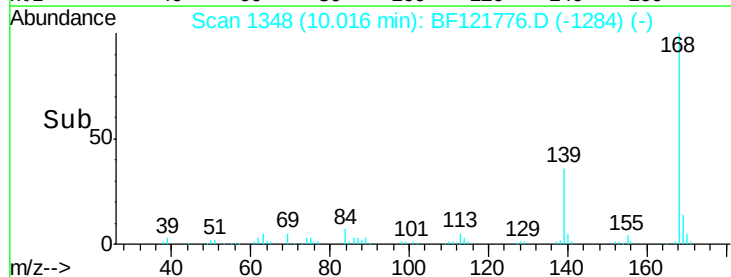
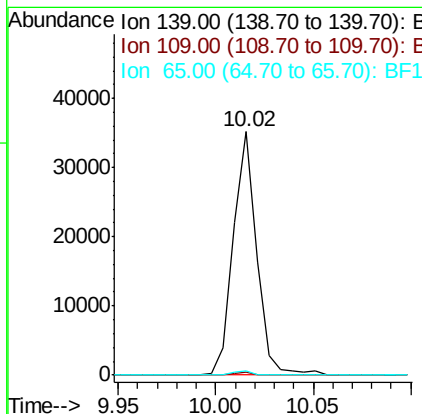
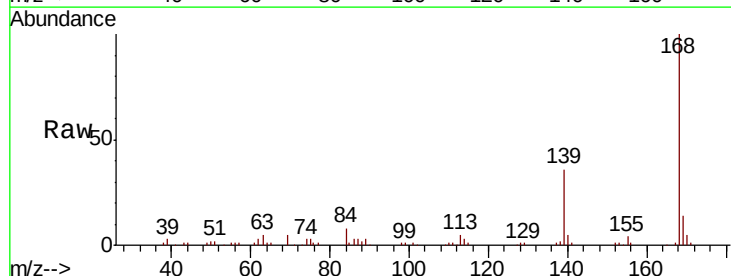
Instrument :
BNA_F
ClientSampleId :
B-7(9-11)DL

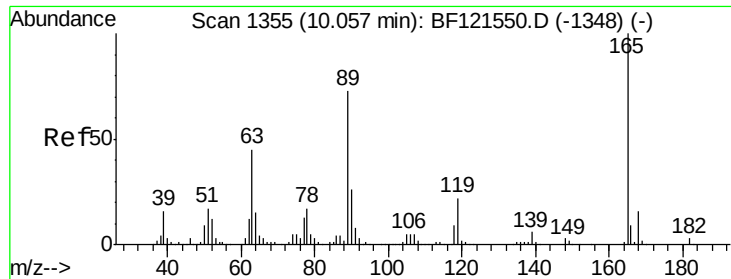
Tot Ion:168 Resp: 79731
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.6
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 10.110 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.08 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Tgt Ion:139 Resp: 29428
Ion Ratio Lower Upper
139 100
109 1.0 45.4 85.4#
65 1.7 68.4 108.4#

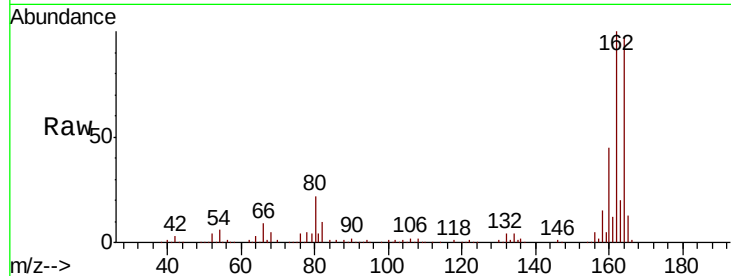




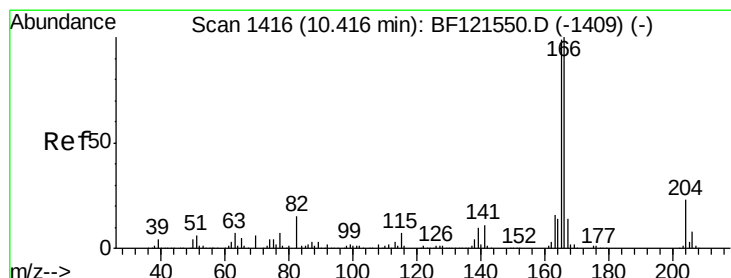
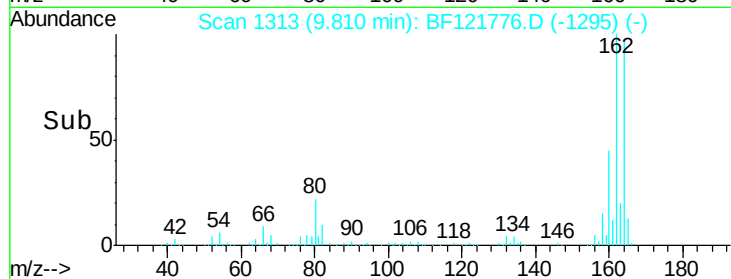
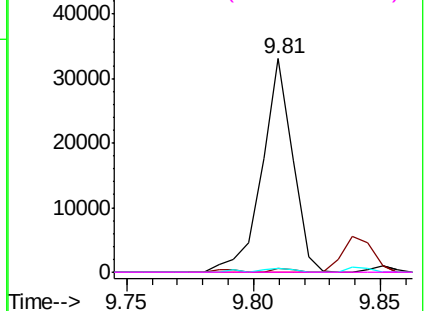
#57
 2,4-Dinitrotoluene
 Concen: 6.973 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-11)DL

Tot Ion:165	Resp:	27640
Ion Ratio	Lower	Upper
165	100	
63	1.8	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#

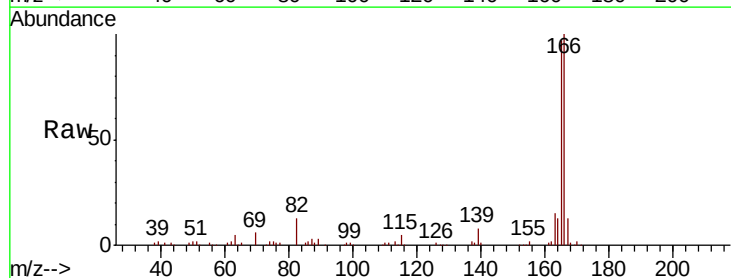


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

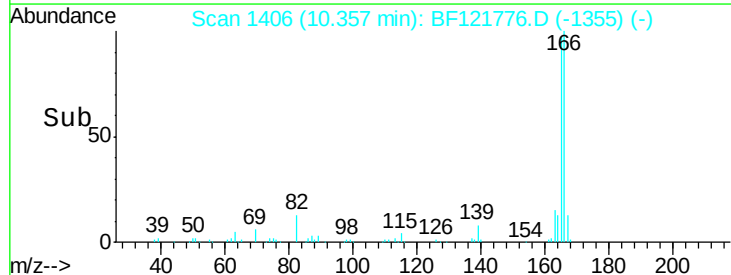
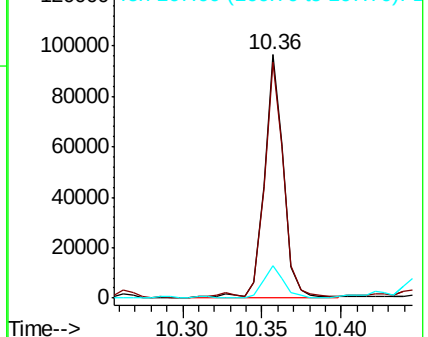


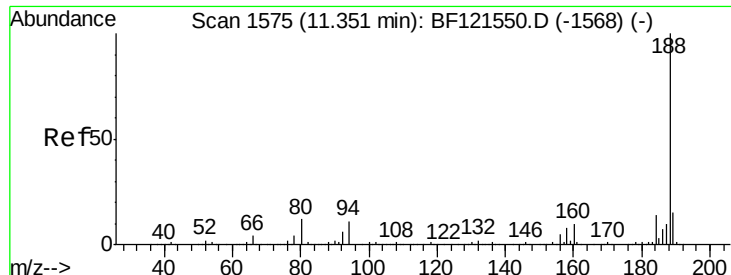
#58
 Fluorene
 Concen: 6.061 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

Tgt Ion:166	Resp:	81566
Ion Ratio	Lower	Upper
166	100	
165	97.0	79.1 118.7
167	13.4	11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

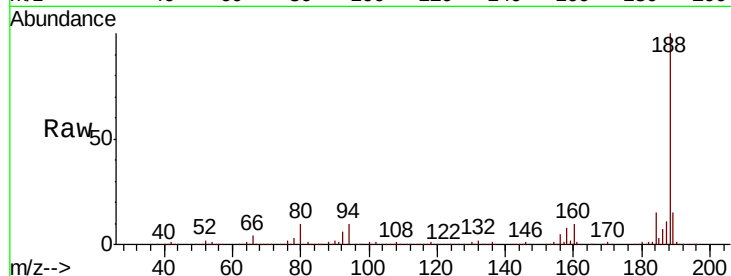
Tot Ion:188 Resp: 336318

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

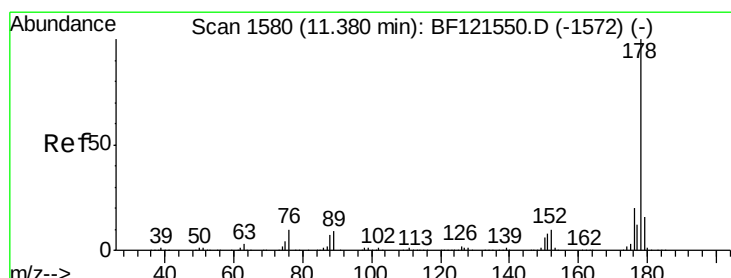
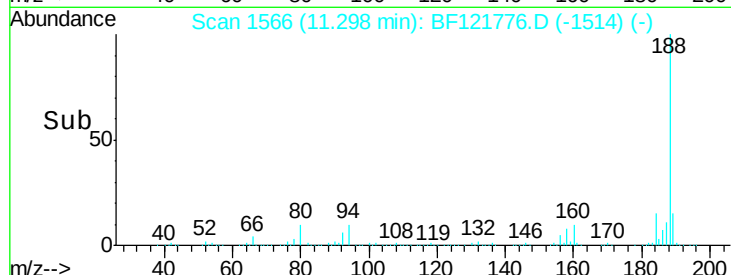
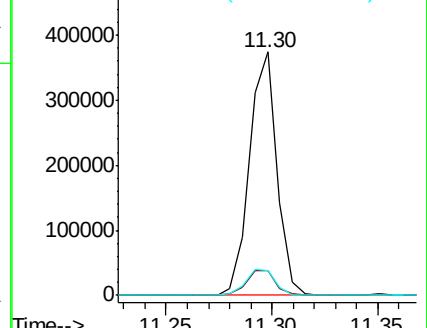
80 10.4 9.1 13.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 39.426 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

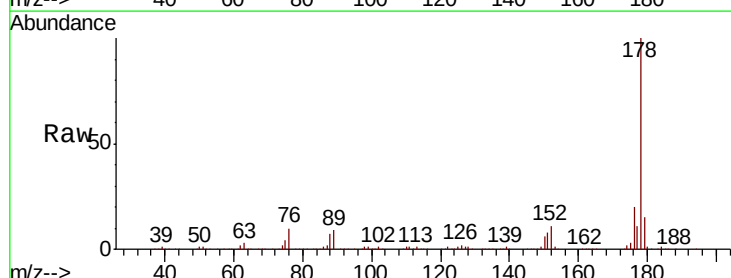
Tgt Ion:178 Resp: 722449

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

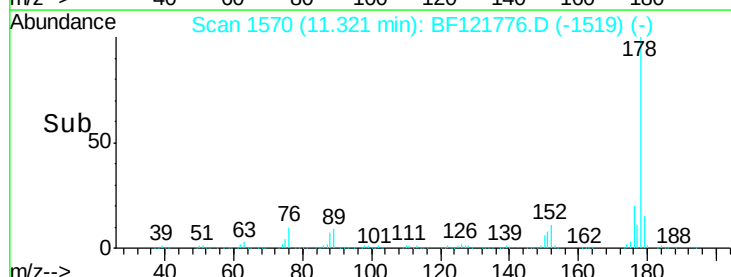
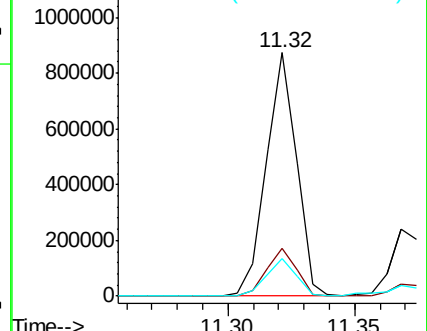
179 15.5 12.2 18.4

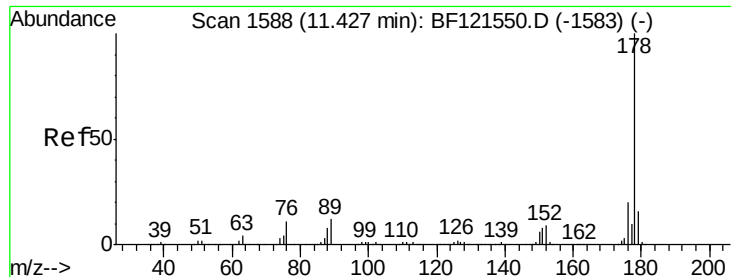


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 10.937 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

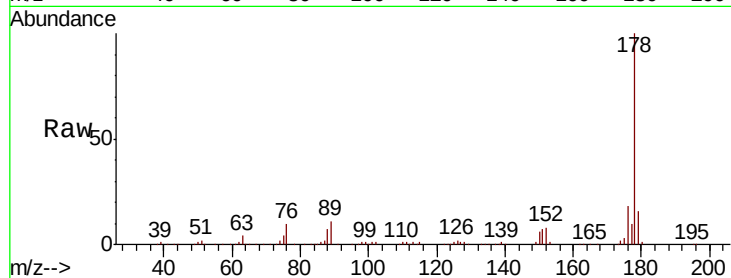
BNA_F

ClientSampleId :

B-7(9-11)DL

Tot Ion:178 Resp: 206810

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	15.7	12.7	19.1

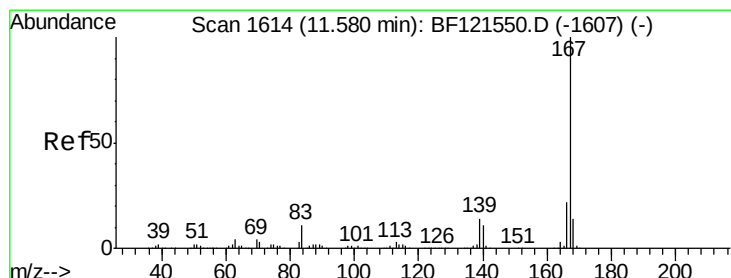
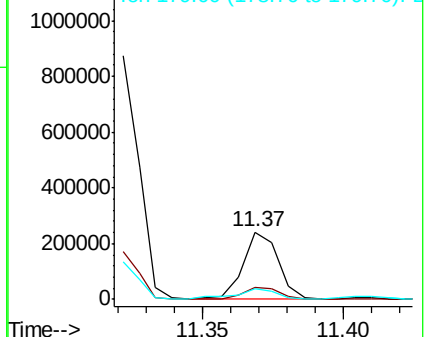
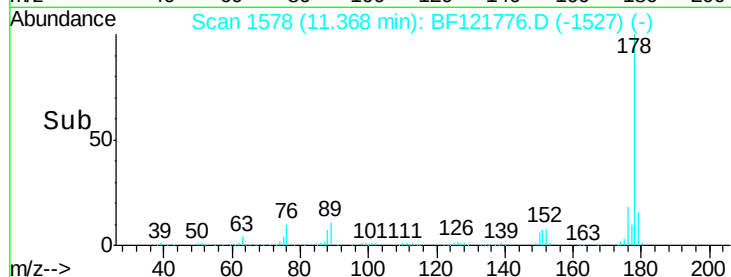


Abundance

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: 6.022 ng

RT: 11.53 min Scan# 1605

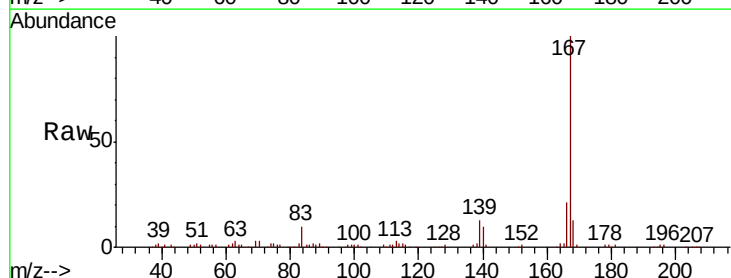
Delta R.T. -0.00 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Tgt Ion:167 Resp: 102756

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.8	26.6
139	12.6	10.8	16.2

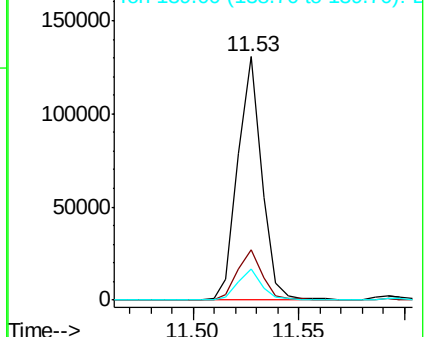
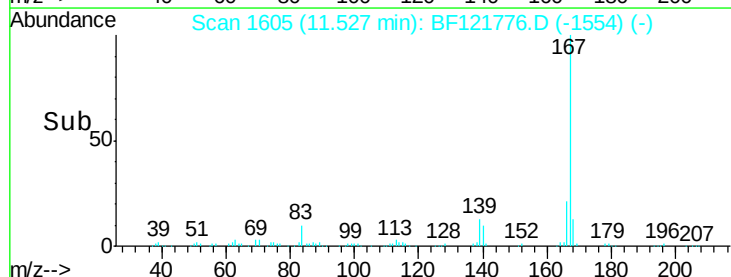


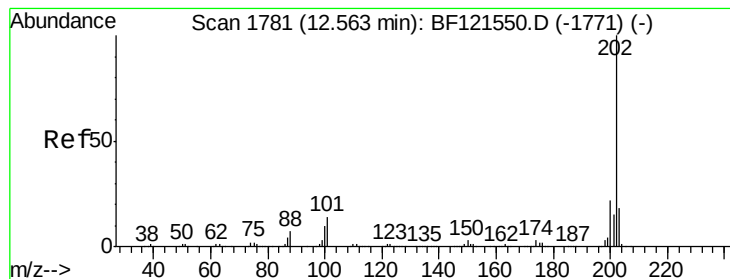
Abundance

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: 41.621 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

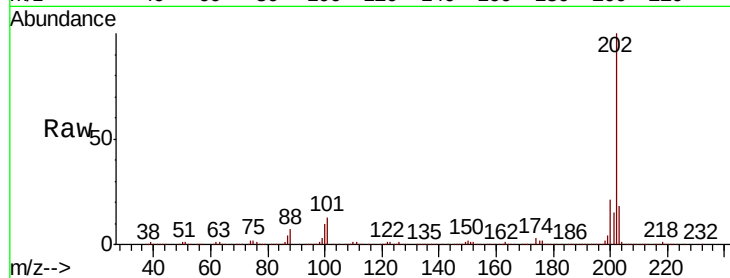
Tot Ion:202 Resp: 814144

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.4

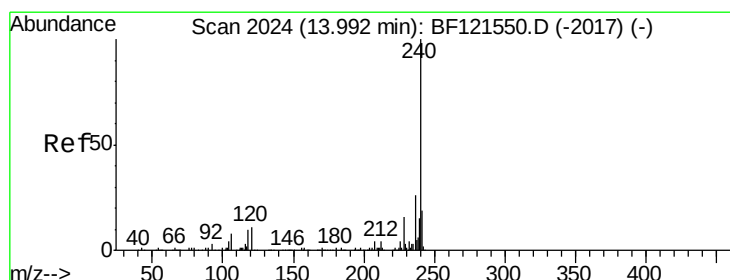
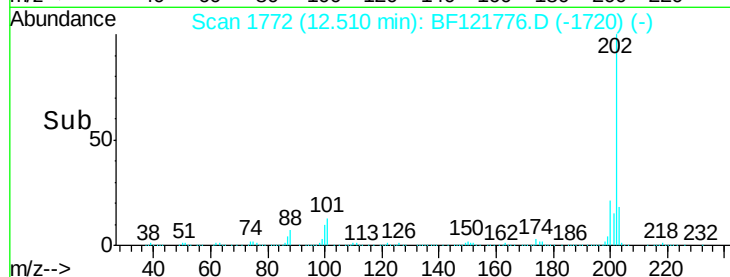
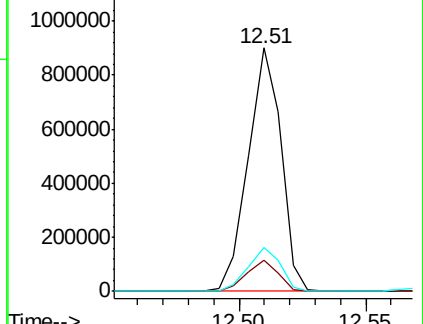
203 17.9 0.0 37.9



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: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

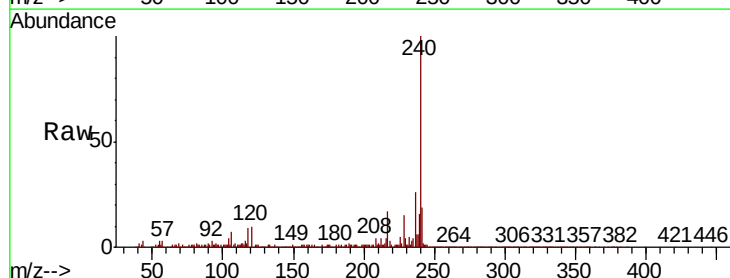
Tgt Ion:240 Resp: 319364

Ion Ratio Lower Upper

240 100

120 10.4 9.2 13.8

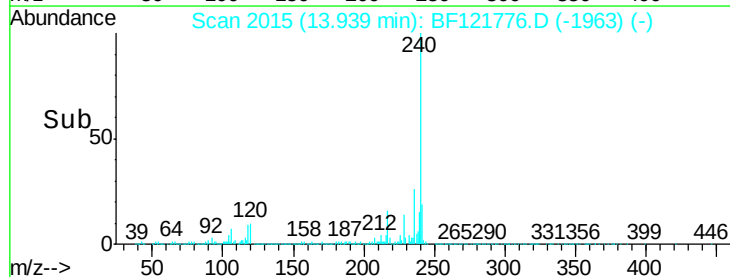
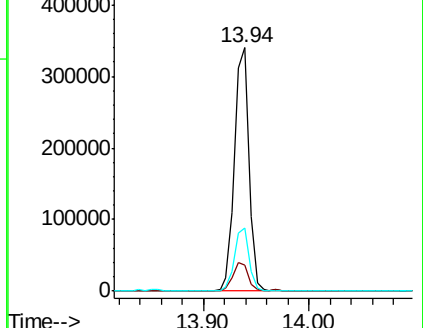
236 25.8 20.9 31.3

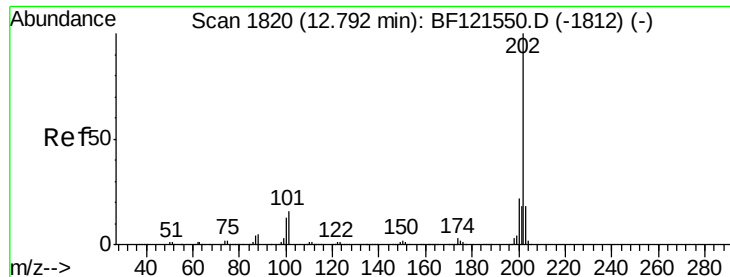


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 28.025 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

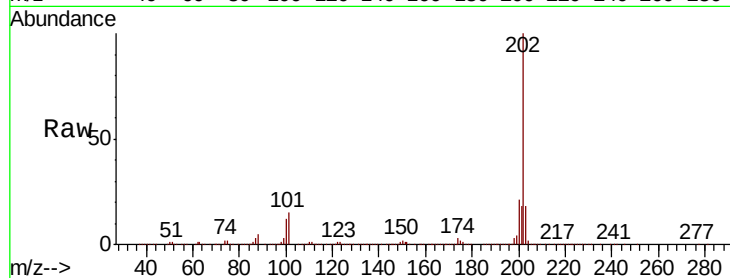
Tot Ion:202 Resp: 653928

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

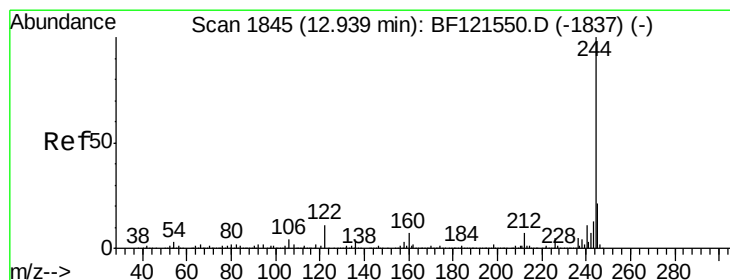
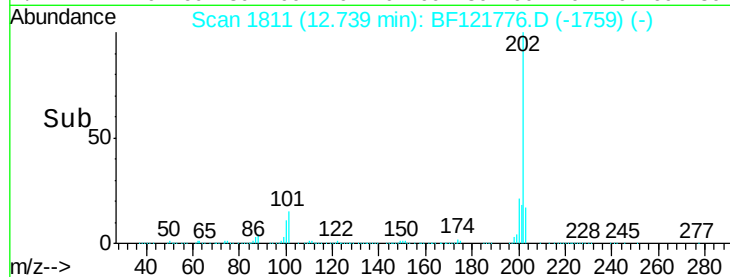
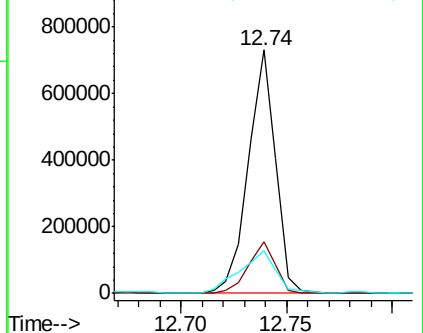
203 17.6 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 4.802 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

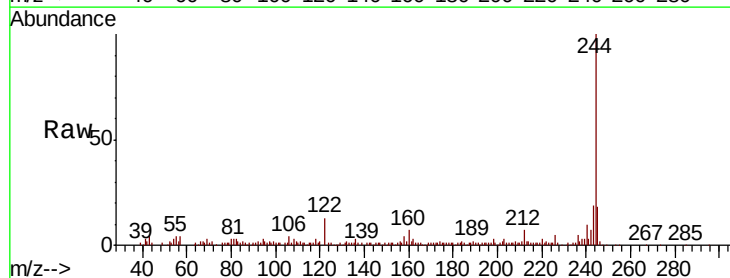
Tgt Ion:244 Resp: 75698

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

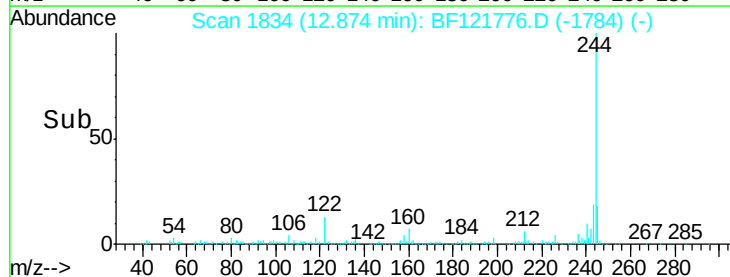
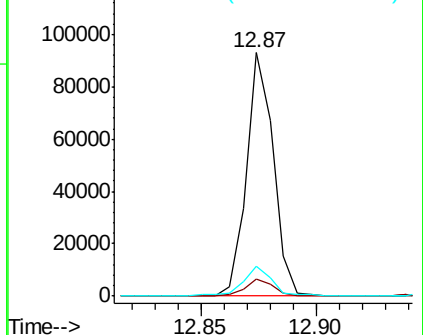
122 12.5 8.1 12.1#

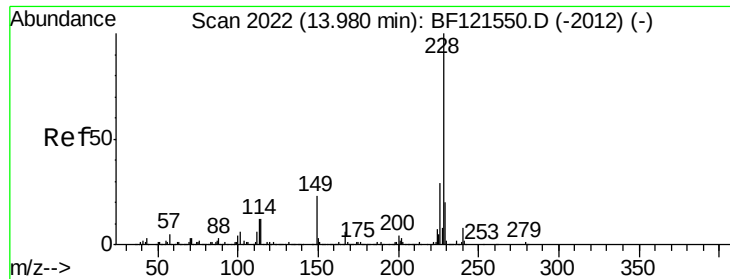


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

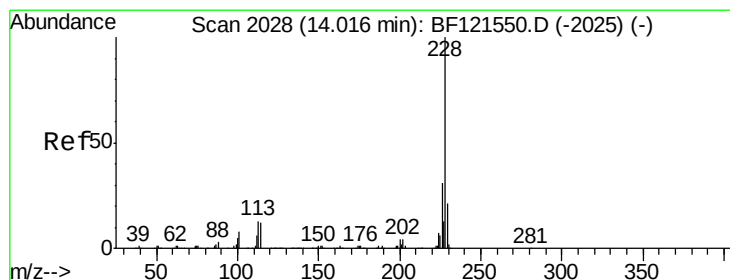
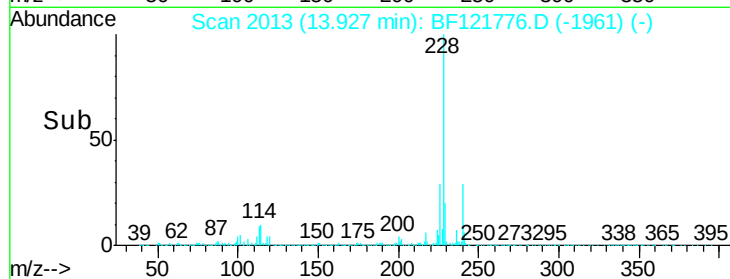
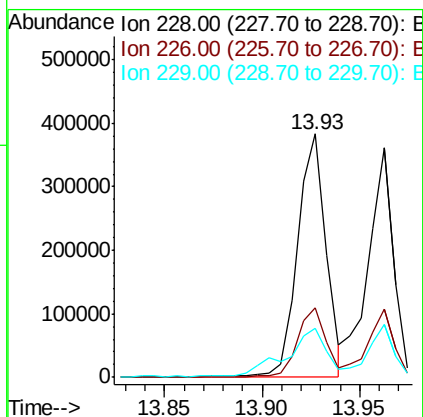
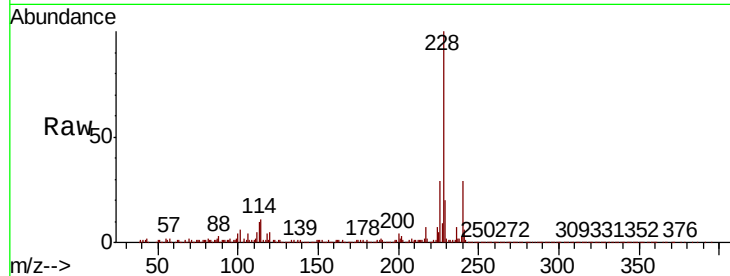




#81
Benzo(a)anthracene
Concen: 18.955 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

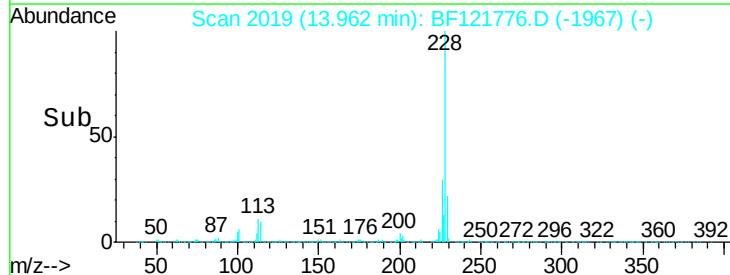
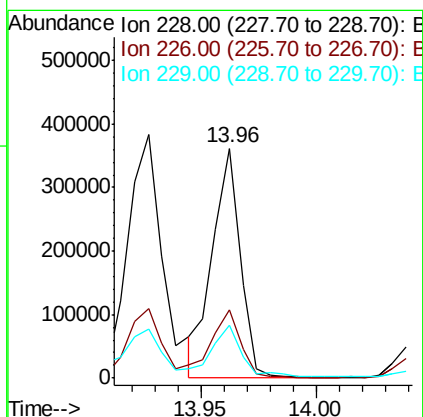
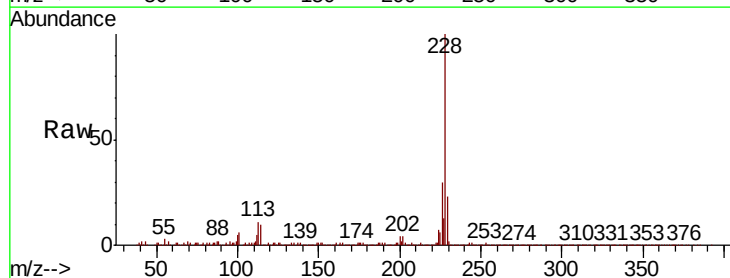
Instrument :
BNA_F
ClientSampleId :
B-7(9-11)DL

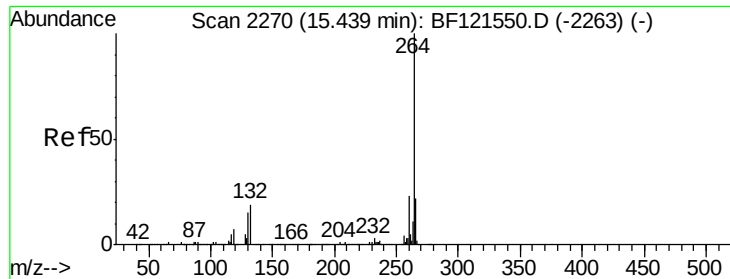
Tot Ion:228 Resp: 382970
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.3 16.2 24.4



#83
Chrysene
Concen: 14.729 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Tgt Ion:228 Resp: 301345
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 22.8 15.9 23.9

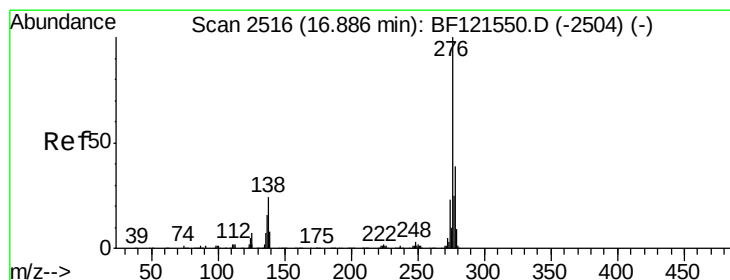
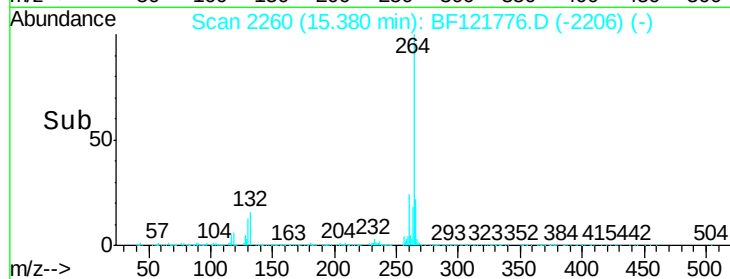
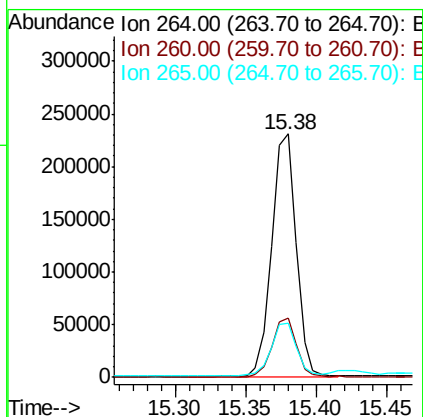
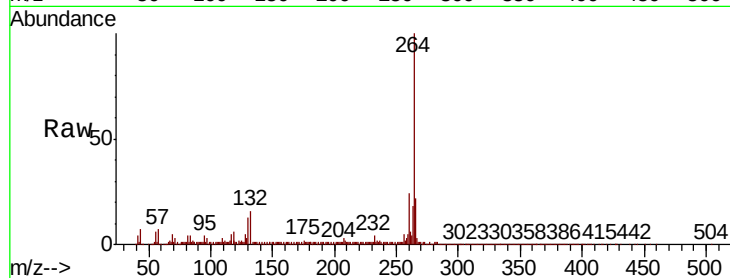




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

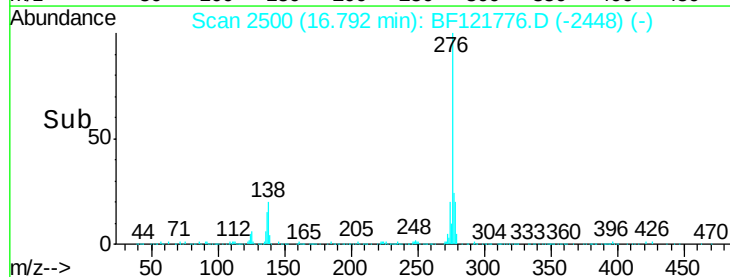
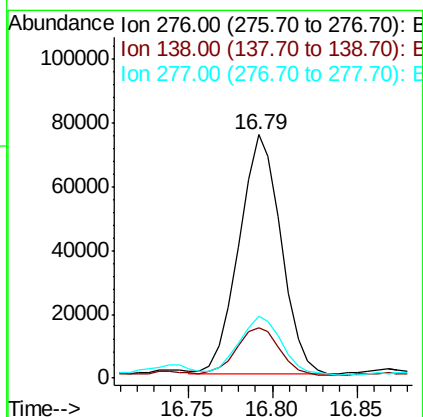
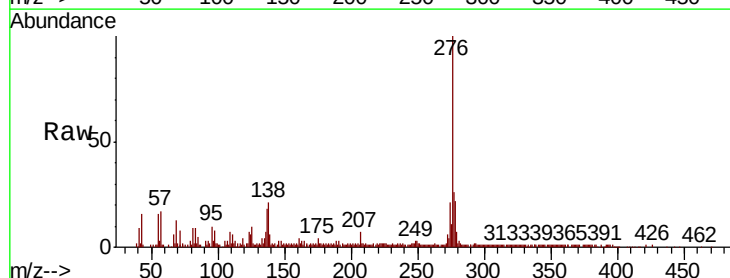
Instrument :
BNA_F
ClientSampleId :
B-7(9-11)DL

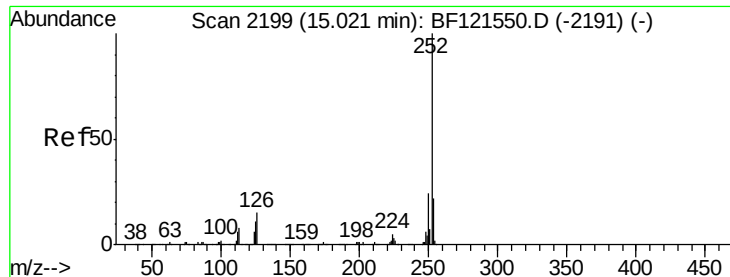
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.3	17.3	25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.120 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF121776.D
Acq: 1 Oct 2020 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.9	29.9
277	24.5	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 27.167 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleId :

B-7(9-11)DL

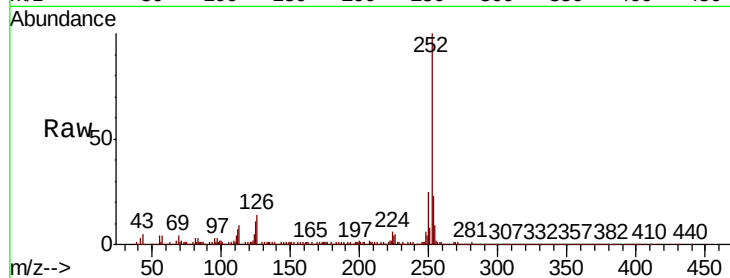
Tot Ion:252 Resp: 510371

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

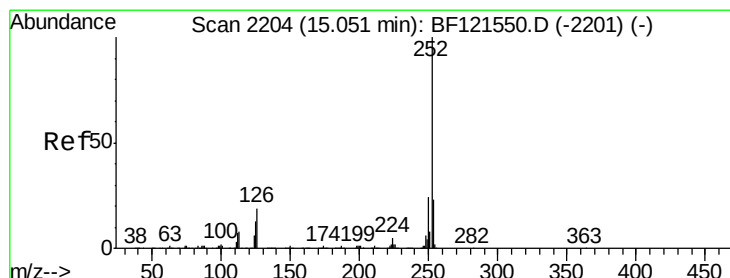
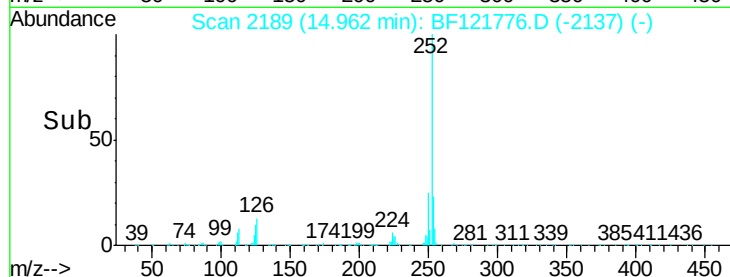
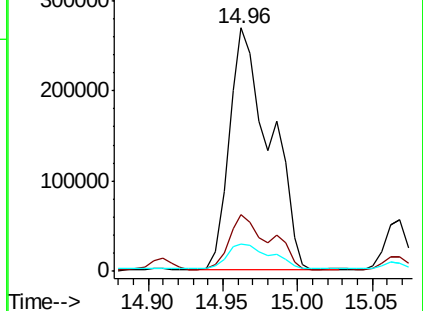
125 11.3 8.0 12.0



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: 29.667 ng

RT: 14.96 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

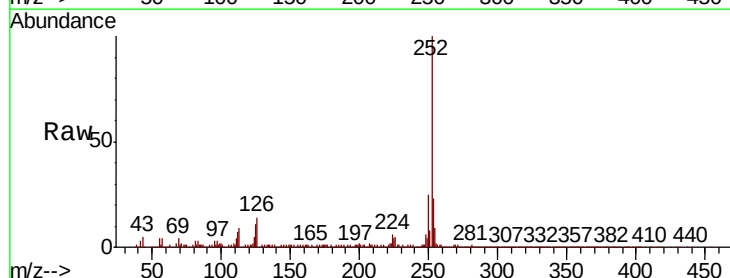
Tgt Ion:252 Resp: 510371

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

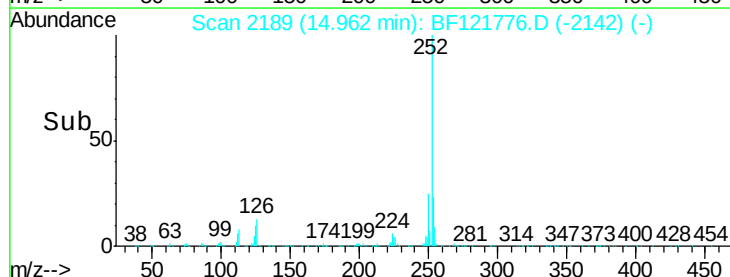
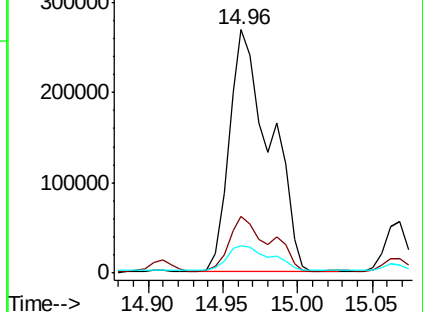
125 11.3 7.7 11.5

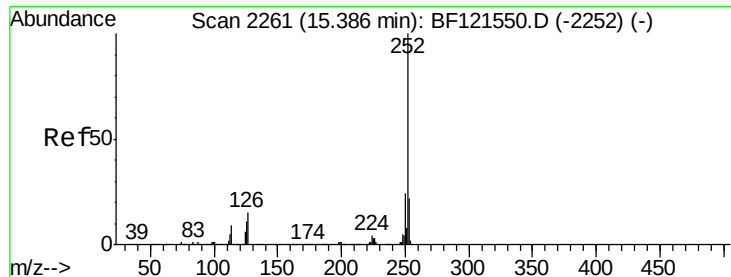


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 16.058 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

Instrument :

BNA_F

ClientSampleID :

B-7(9-11)DL

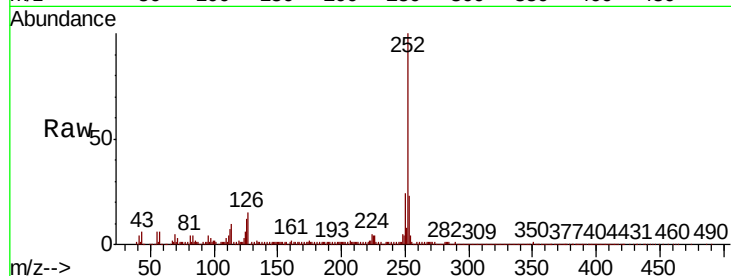
Tot Ion:252 Resp: 256425

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

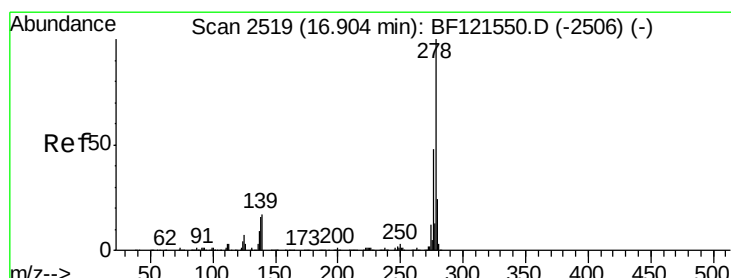
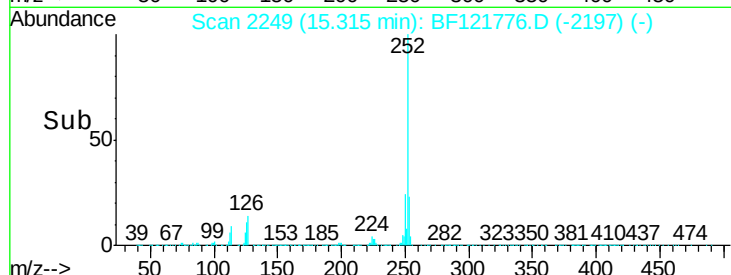
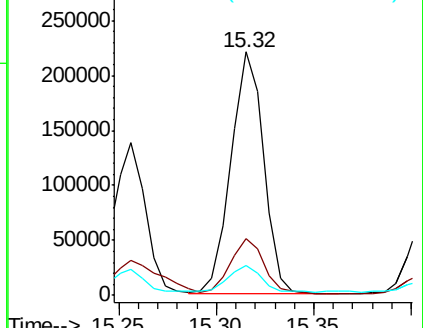
125 12.2 8.6 13.0



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: 2.309 ng

RT: 16.80 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BF121776.D

Acq: 1 Oct 2020 19:47

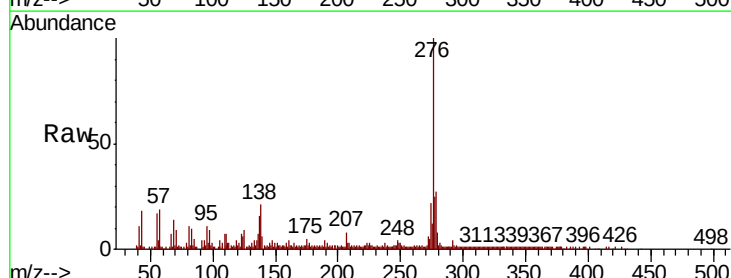
Tgt Ion:278 Resp: 35178

Ion Ratio Lower Upper

278 100

139 23.7 13.0 19.4#

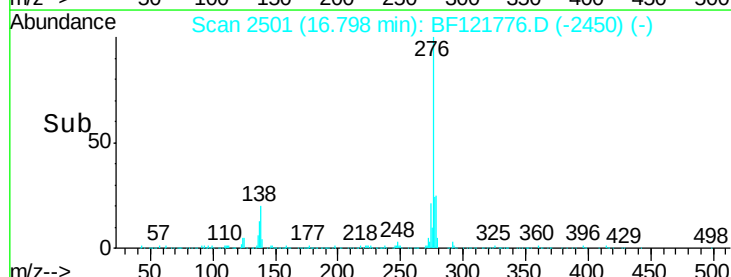
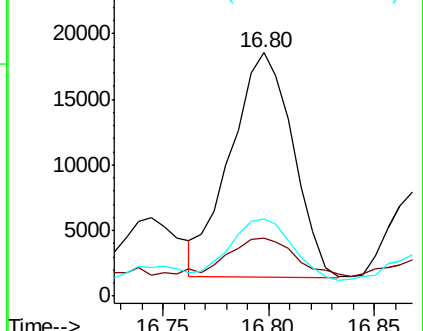
279 31.7 19.0 28.4#

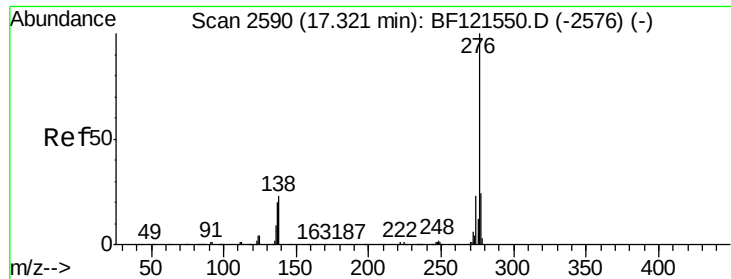


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

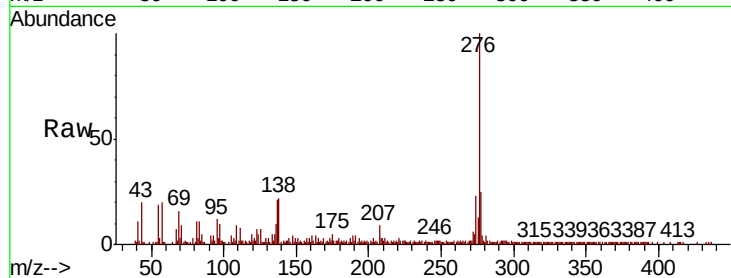




#92
 Benzo(a,h,i)perylene
 Concen: 7.554 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BF121776.D
 Acq: 1 Oct 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-11)DL

Tot Ion:276	Resp:	113113
Ion	Ratio	Lower Upper
276	100	
277	25.2	19.4 29.2
138	22.0	17.8 26.6



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

