

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121718.D
 Acq On : 28 Sep 2020 18:13
 Operator : JU/CG
 Sample : L4154-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 29 00:29:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145297	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	559871	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	287083	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	490934	20.00	ng	0.00
76) Chrysene-d12	13.97	240	301925	20.00	ng	0.01
86) Perylene-d12	15.42	264	340462	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	695491	71.14	ng	0.00
7) Phenol-d6	6.43	99	893660	69.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	612839	58.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	219431	61.50	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1028353	54.25	ng	0.00
79) Terphenyl-d14	12.90	244	880245	59.06	ng	0.00

Target Compounds

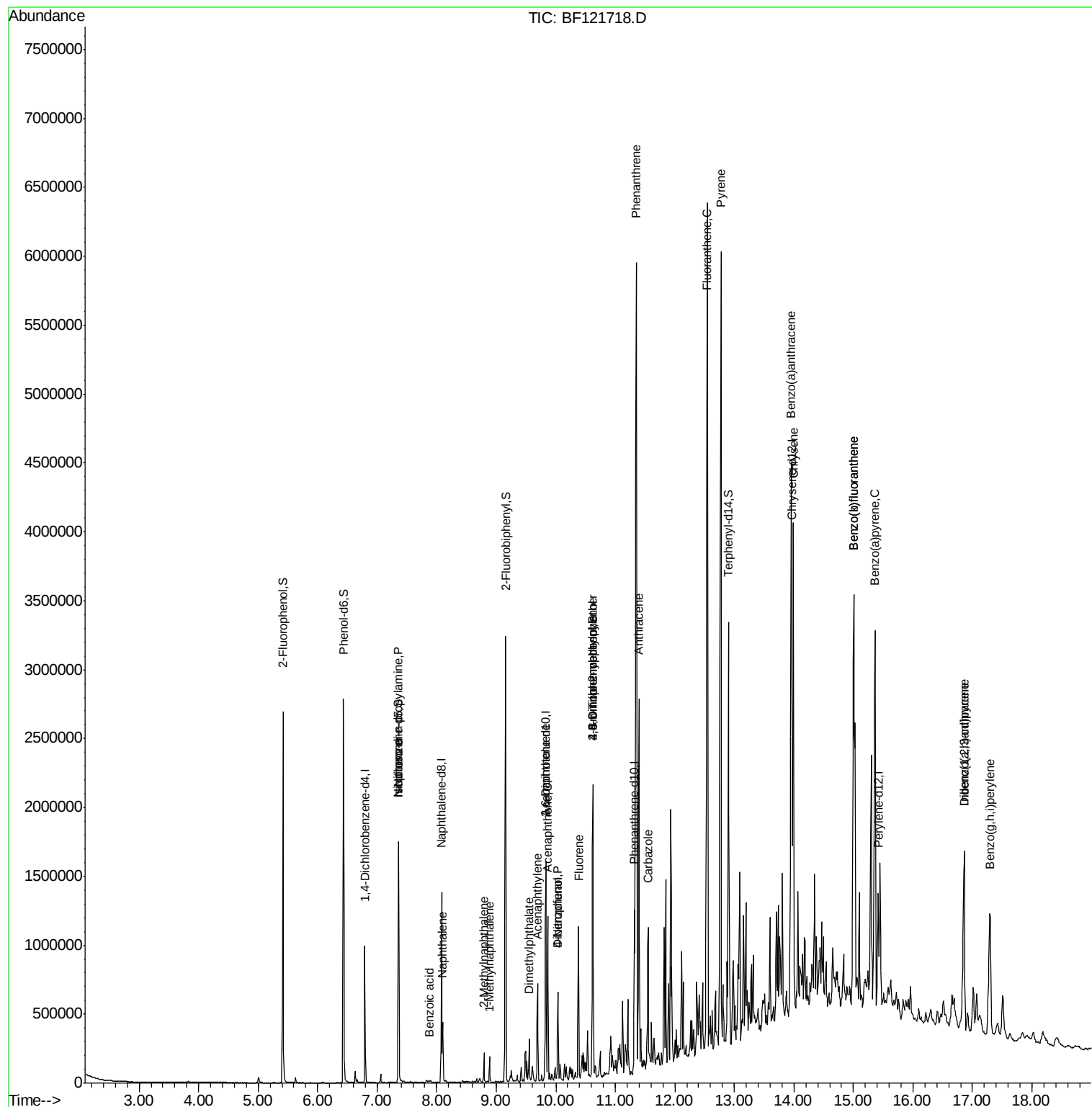
						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	81721	11.055	ng	# 81
25) Isophorone	7.36	82	599872	28.578	ng	# 65
31) Naphthalene	8.10	128	167532	5.669	ng	99
32) Benzoic acid	7.87	122	2035	7.185	ng	# 20
37) 2-Methylnaphthalene	8.79	142	55784	2.880	ng	97
38) 1-Methylnaphthalene	8.89	142	51176	2.839	ng	97
49) Acenaphthylene	9.69	152	249811	8.977	ng	98
50) Dimethylphthalate	9.55	163	108690	5.224	ng	98
51) 2,6-Dinitrotoluene	9.83	165	41283	9.316	ng	# 22
52) Acenaphthene	9.86	154	219689	12.499	ng	98
55) Dibenzofuran	10.03	168	196547	7.941	ng	98
56) 4-Nitrophenol	10.03	139	75010	18.323	ng	# 7
58) Fluorene	10.38	166	304120	16.067	ng	99
65) 4,6-Dinitro-2-methylphenol	10.62	198	402	6.966	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	13286	2.377	ng	# 1
71) Phenanthrene	11.35	178	2787248	104.203	ng	98
72) Anthracene	11.40	178	908702	32.921	ng	99
73) Carbazole	11.55	167	376626	15.120	ng	99
75) Fluoranthene	12.55	202	3574645	125.192	ng	98
78) Pvrene	12.77	202	3081840	139.705	ng	98
81) Benzo(a)anthracene	13.96	228	1715392	89.805	ng	97
83) Chrysene	13.99	228	1371967	70.930	ng	97
87) Indeno(1,2,3-cd)pyrene	16.86	276	941008	42.441	ng	96
88) Benzo(b)fluoranthene	15.00	252	2621360	115.173	ng	98
89) Benzo(k)fluoranthene	15.00	252	2621360	125.770	ng	# 96
90) Benzo(a)pyrene	15.36	252	1481633	76.582	ng	97
91) Dibenzo(a,h)anthracene	16.86	278	249314	13.508	ng	97
92) Benzo(g,h,i)perylene	17.29	276	826255	45.543	ng	98

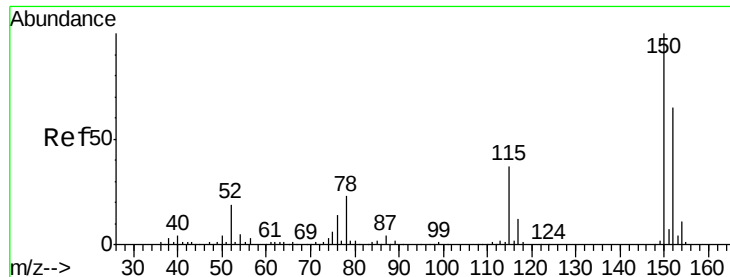
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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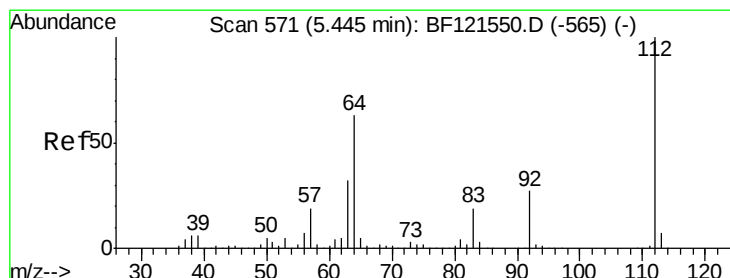
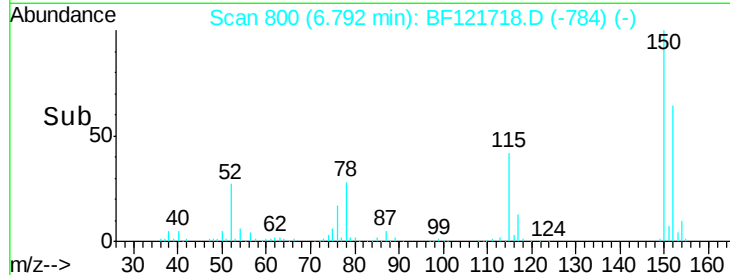
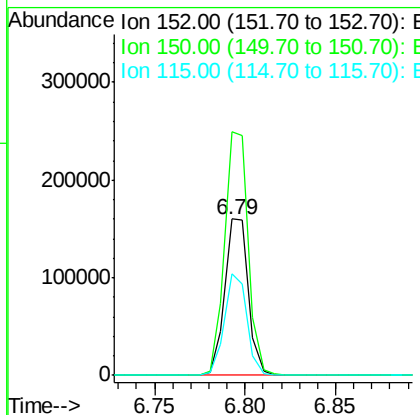
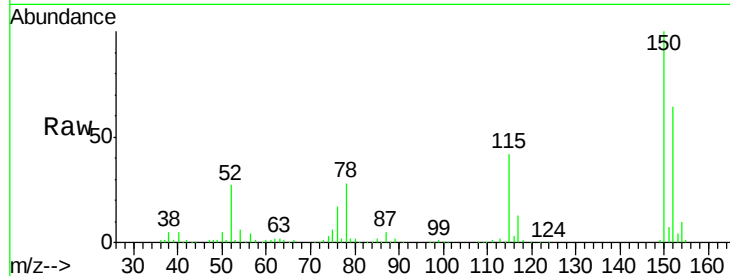




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

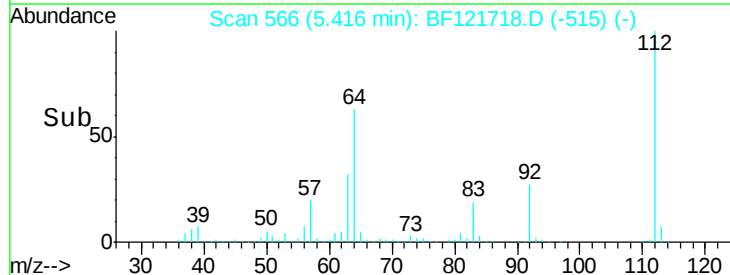
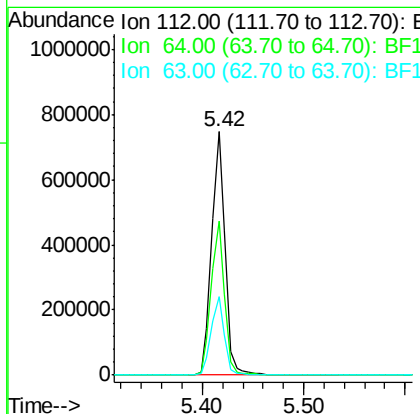
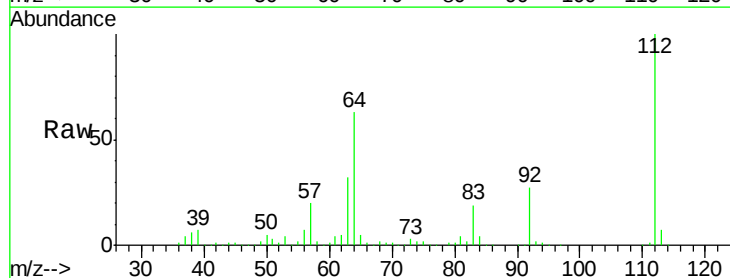
Instrument :
 BNA_F
 ClientSampleId :
 B-5(5-7)

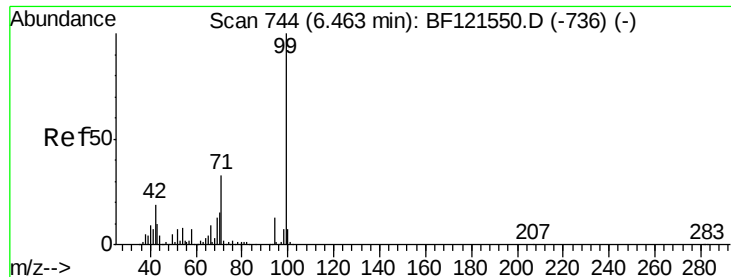
Tot Ion:	152	Resp:	145297
Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	184.0
115	65.1	47.1	70.7



#5
 2-Fluorophenol
 Concen: 71.136 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion:	112	Resp:	695491
Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.5	74.3
63	32.1	25.4	38.0





#7

Phenol-d6

Concen: 69.672 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

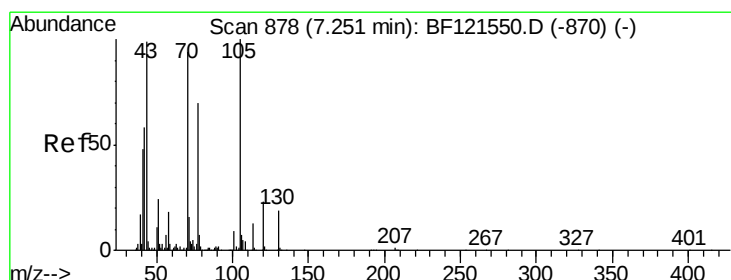
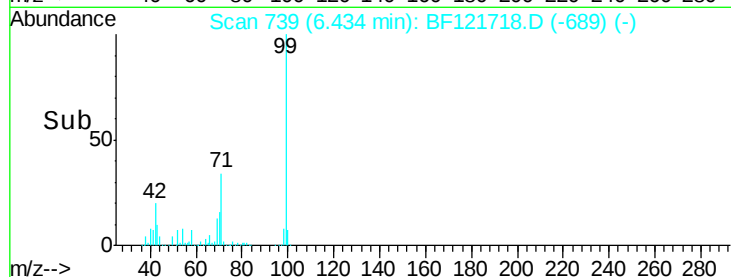
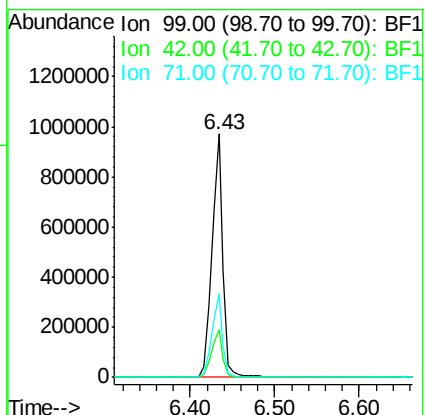
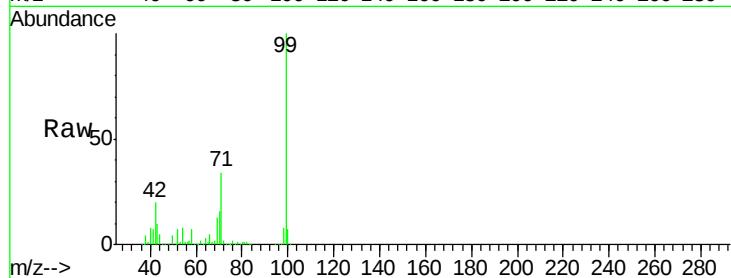
Tot Ion: 99 Resp: 893660

Ion Ratio Lower Upper

99 100

42 19.8 16.1 24.1

71 34.4 27.6 41.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.055 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Tgt Ion: 70 Resp: 81721

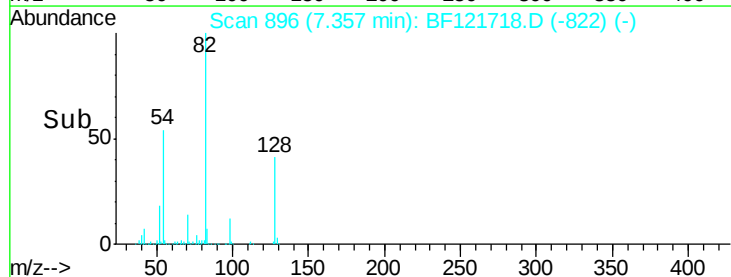
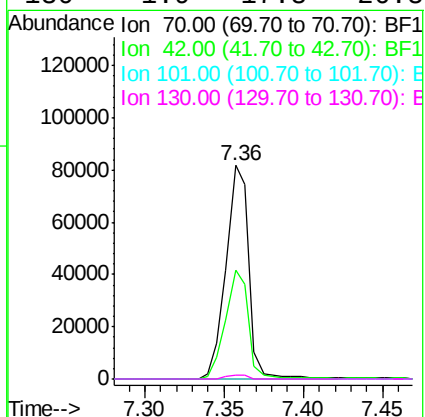
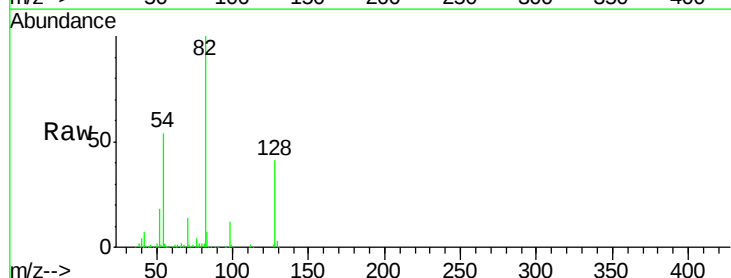
Ion Ratio Lower Upper

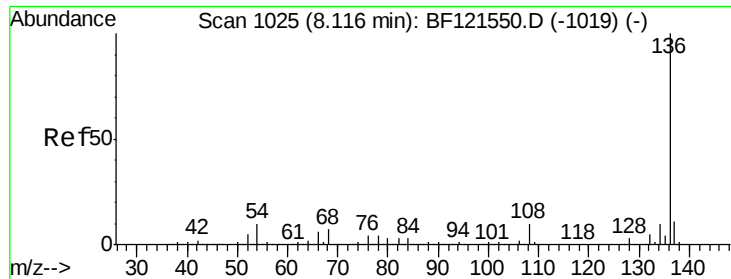
70 100

42 50.7 45.8 68.6

101 0.0 7.6 11.4#

130 1.9 17.8 26.8#

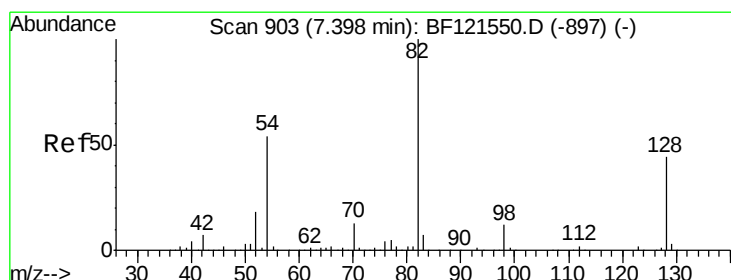
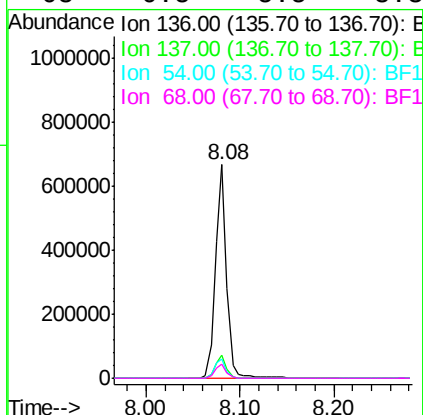
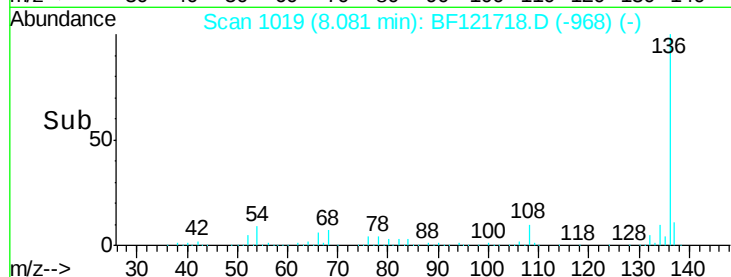
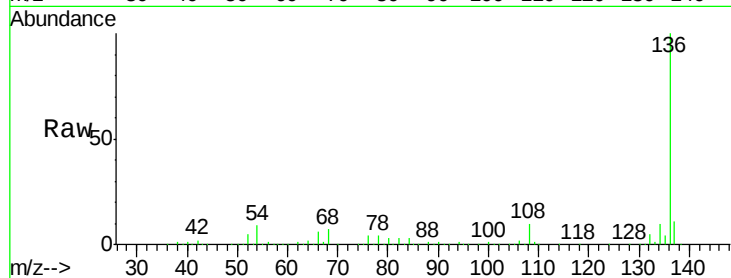




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

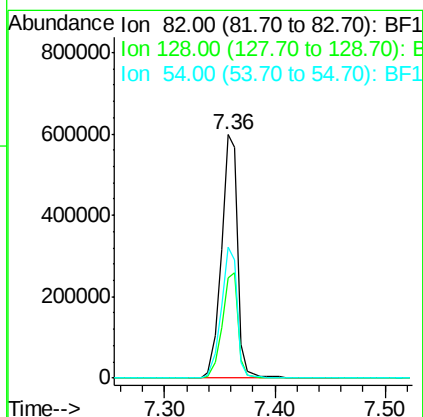
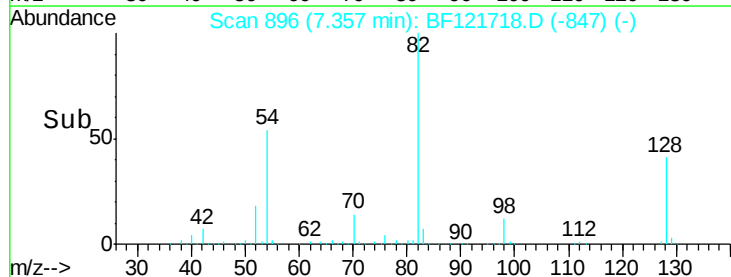
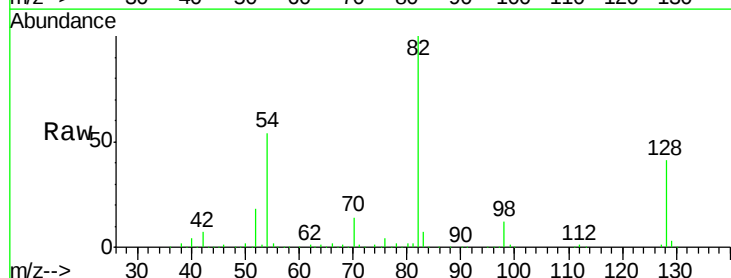
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B-5(5-7)

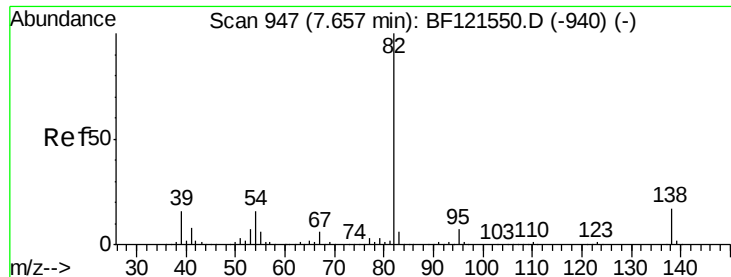
Tot Ion:136	Resp:	559871
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	9.1	7.5 11.3
68	6.5	5.5 8.3



#23
Nitrobenzene-d5
Concen: 58.771 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

Tgt Ion: 82	Resp:	612839
Ion	Ratio	Lower Upper
82	100	
128	41.1	35.8 53.6
54	54.0	42.6 63.8





#25

Isophorone

Concen: 28.578 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

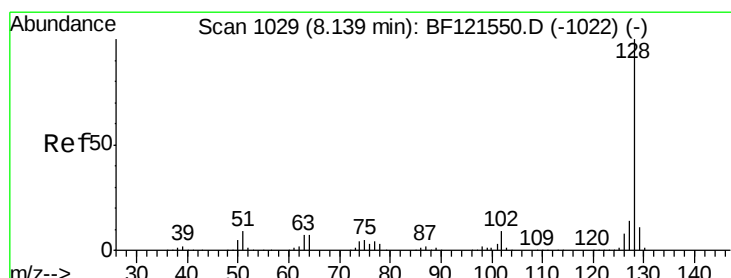
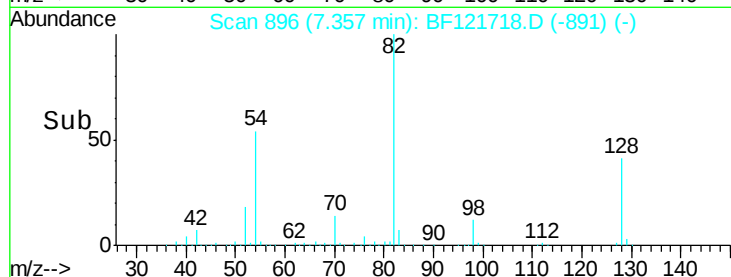
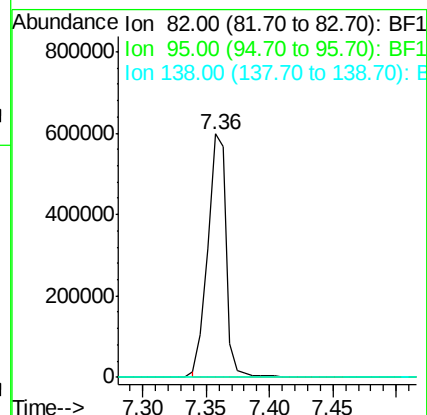
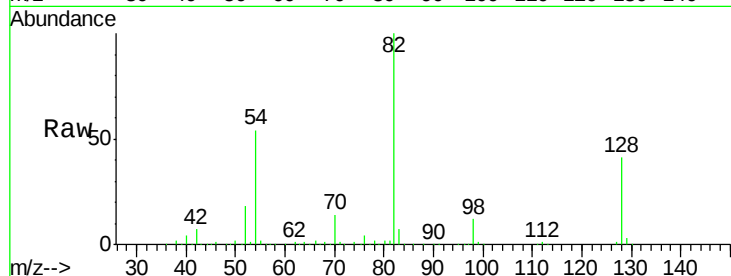
Tot Ion: 82 Resp: 599872

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.4#



#31

Naphthalene

Concen: 5.669 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

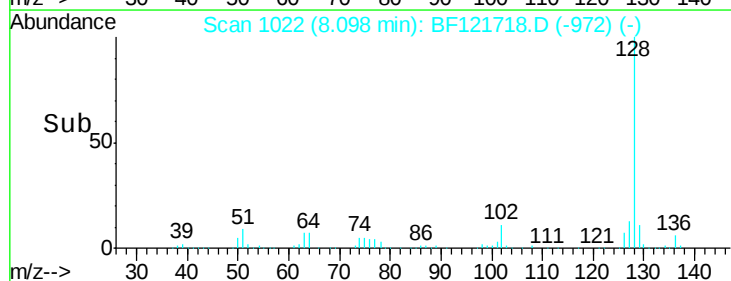
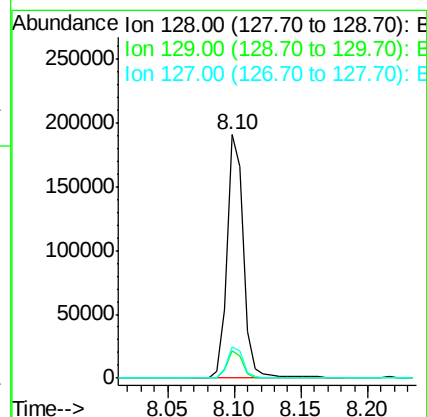
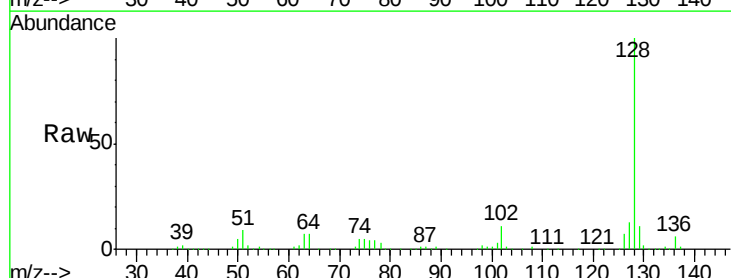
Tgt Ion: 128 Resp: 167532

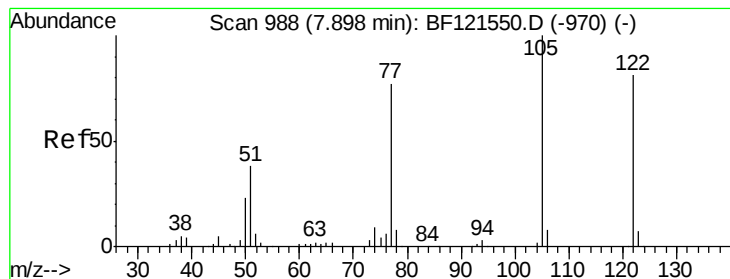
Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.0 10.8 16.2





#32

Benzoic acid

Concen: 7.185 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

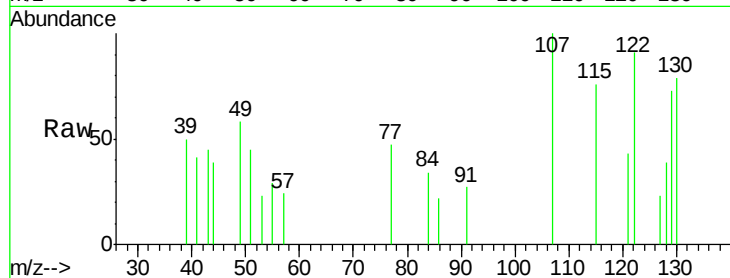
Tot Ion:122 Resp: 2035

Ion Ratio Lower Upper

122 100

105 0.0 101.7 141.7#

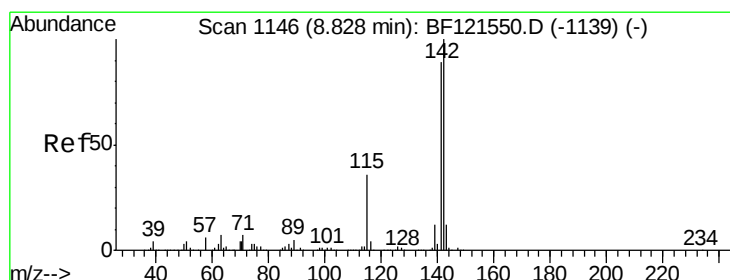
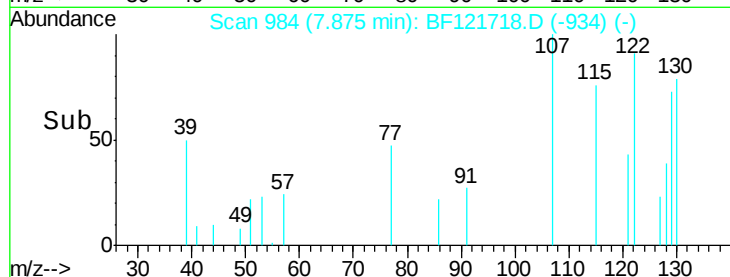
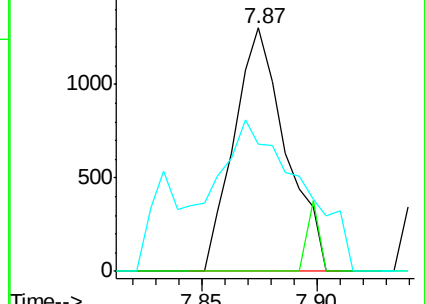
77 52.0 72.8 112.8#



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



#37

2-Methylnaphthalene

Concen: 2.880 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

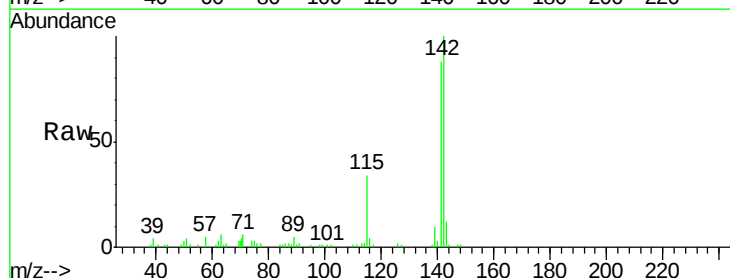
Tgt Ion:142 Resp: 55784

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

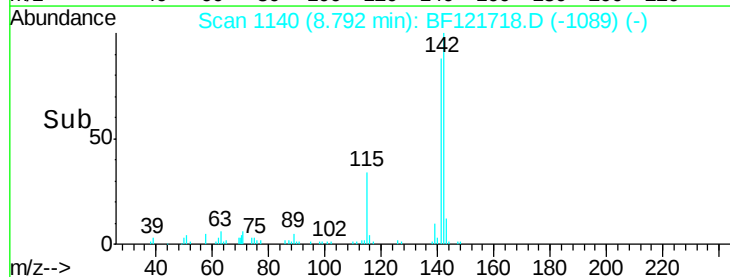
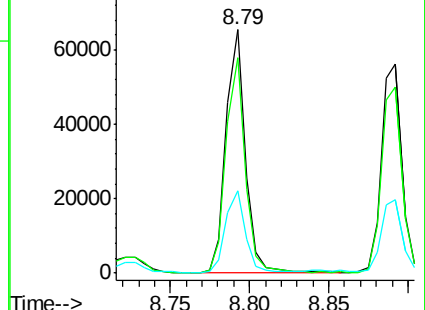
115 33.9 29.9 44.9

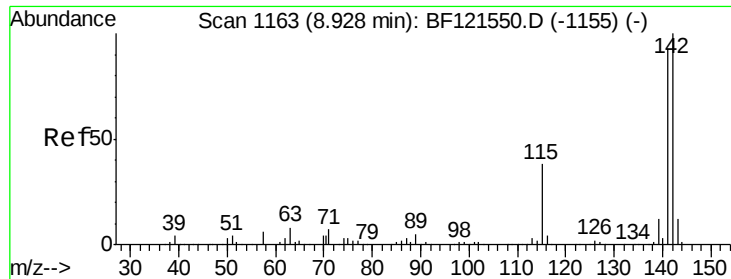


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

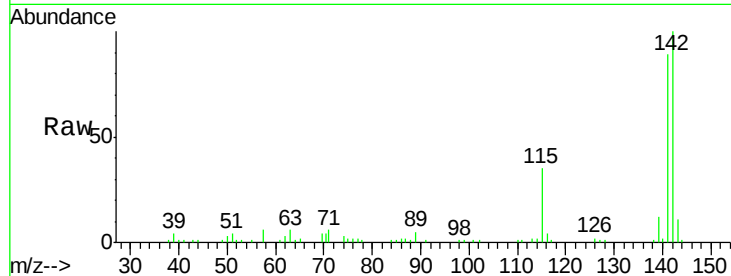




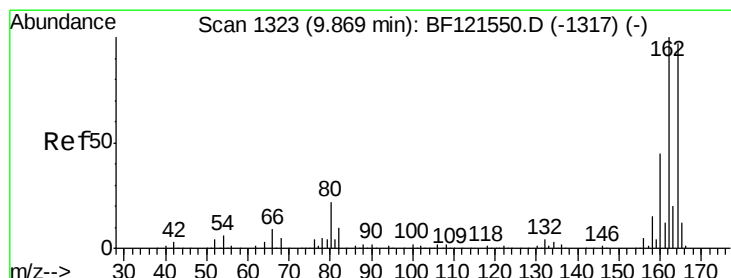
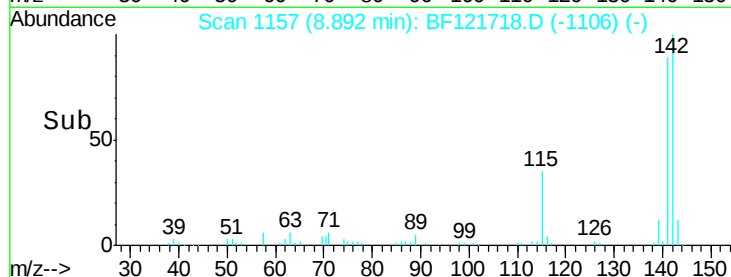
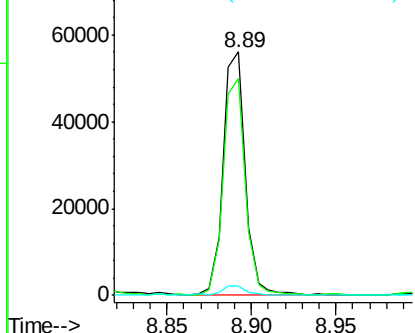
#38
 1-Methylnaphthalene
 Concen: 2.839 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

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

Tot Ion:142 Resp: 51176
 Ion Ratio Lower Upper
 142 100
 141 89.2 73.8 110.8
 116 4.1 3.2 4.8

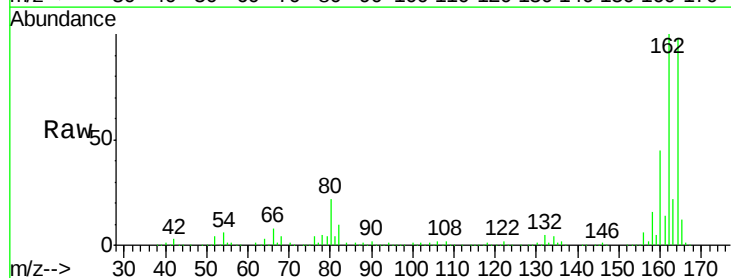


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

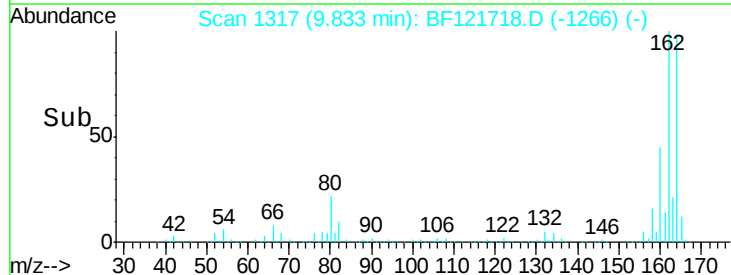
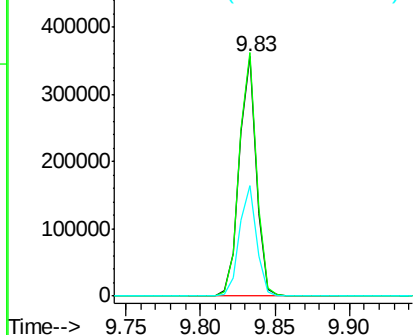


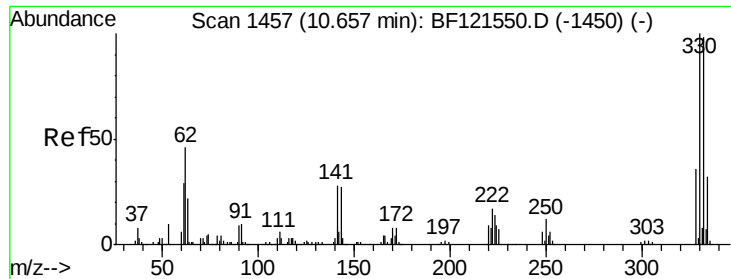
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion:164 Resp: 287083
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 46.0 36.8 55.2



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

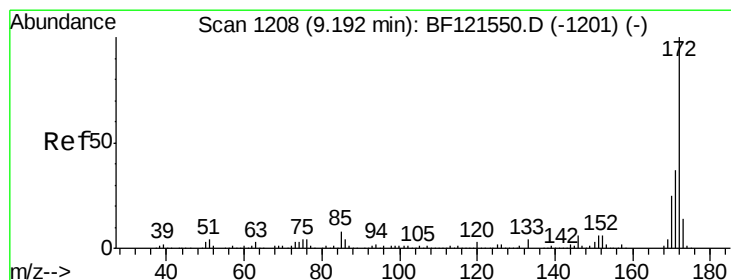
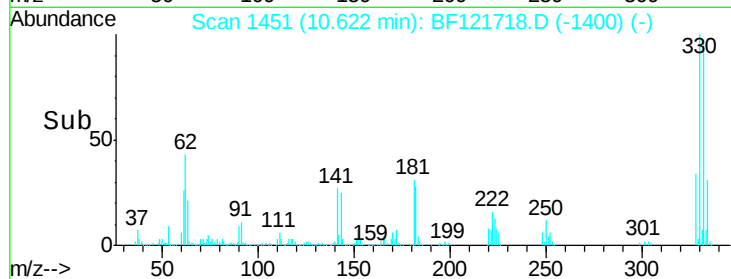
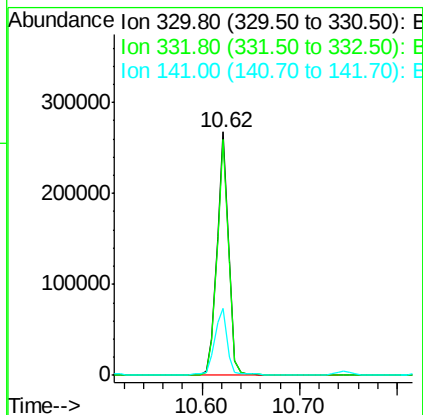
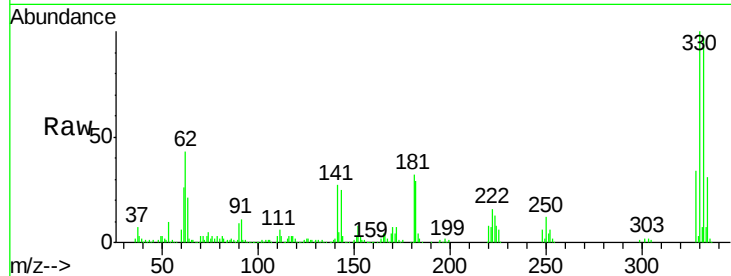




#42
 2,4,6-Tribromophenol
 Concen: 61.499 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

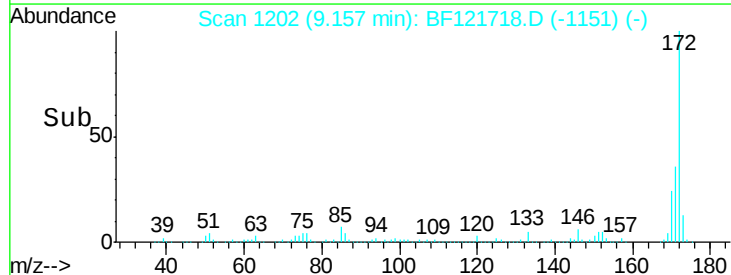
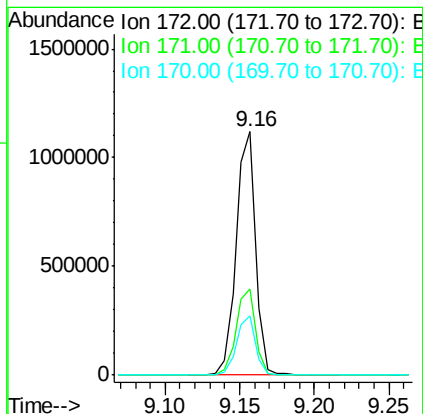
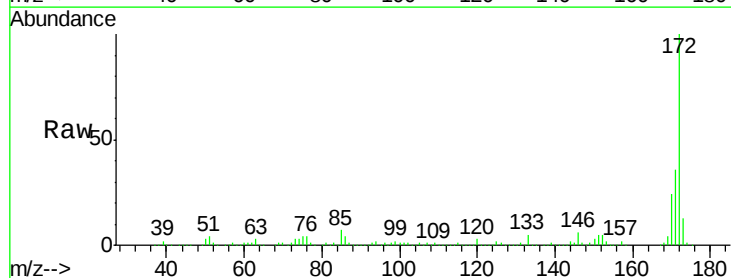
Instrument :
 BNA_F
 ClientSampleId :
 B-5(5-7)

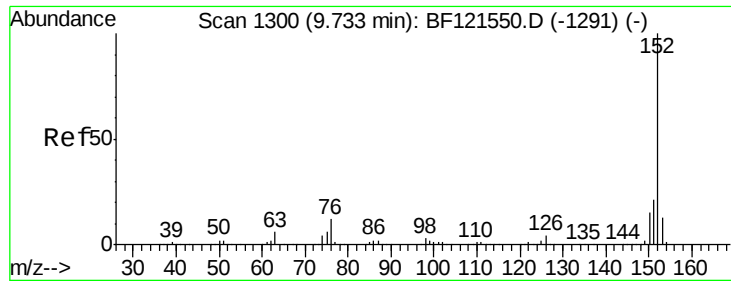
Tot Ion:330 Resp: 219431
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.0 114.0
 141 30.0 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 54.252 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion:172 Resp: 1028353
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 19.5 29.3





#49

Acenaphthylene

Concen: 8.977 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

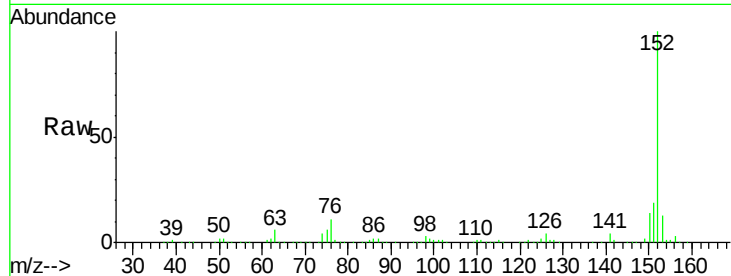
Tot Ion:152 Resp: 249811

Ion Ratio Lower Upper

152 100

151 19.0 16.5 24.7

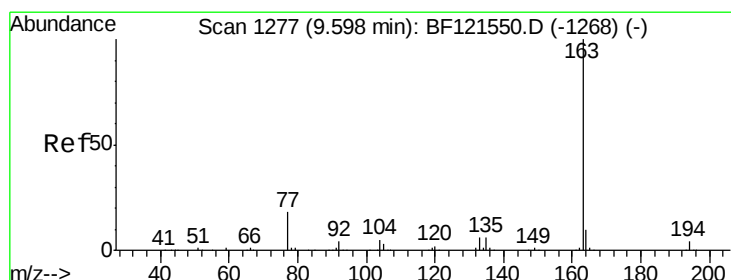
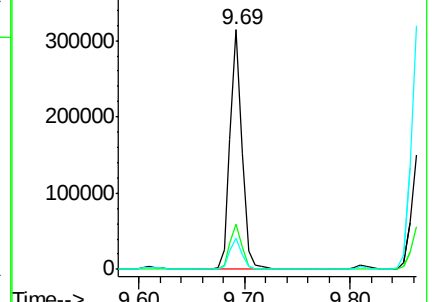
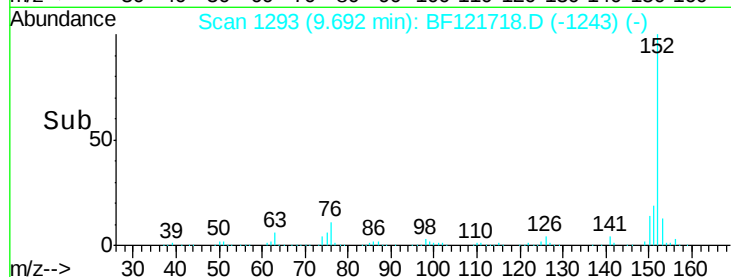
153 13.2 10.6 16.0



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: 5.224 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

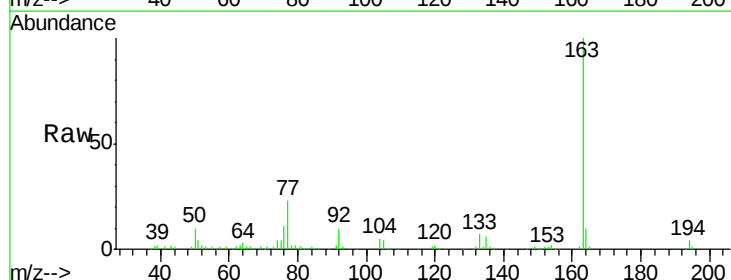
Tgt Ion:163 Resp: 108690

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

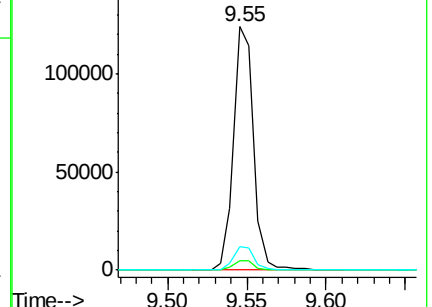
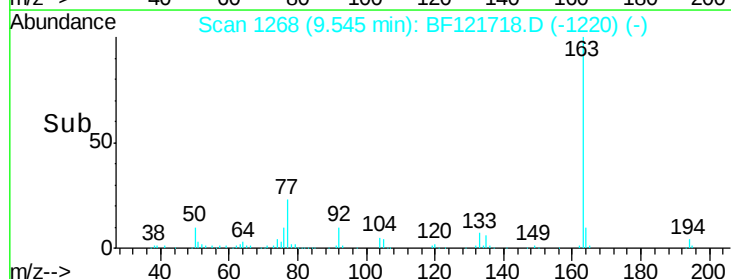
164 9.6 8.2 12.2

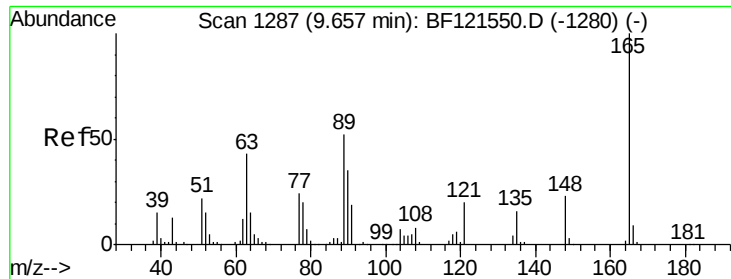


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

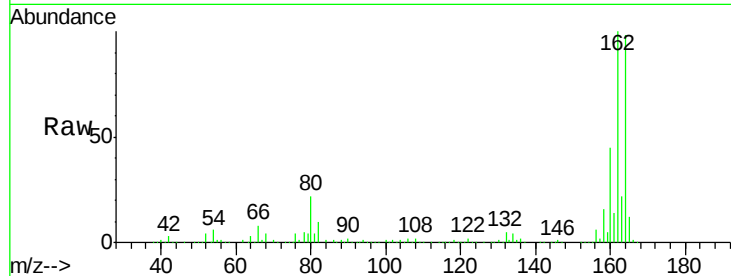




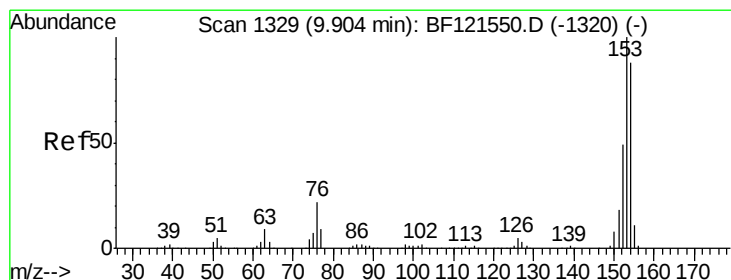
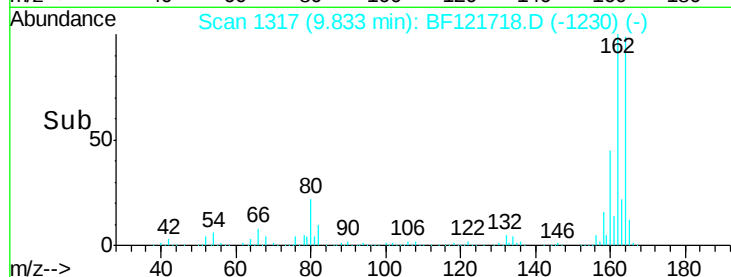
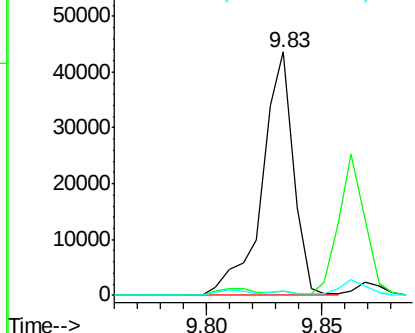
#51
 2,6-Dinitrotoluene
 Concen: 9.316 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	49.8	74.6#
89	1.8	48.2	72.2#

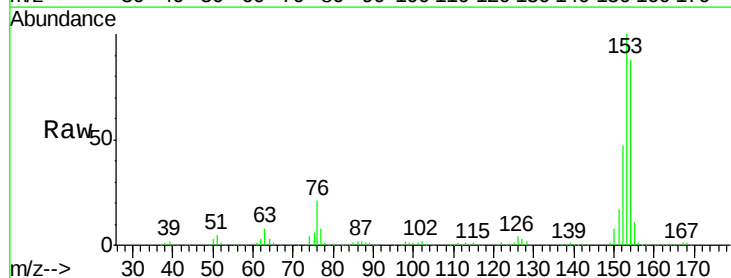


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

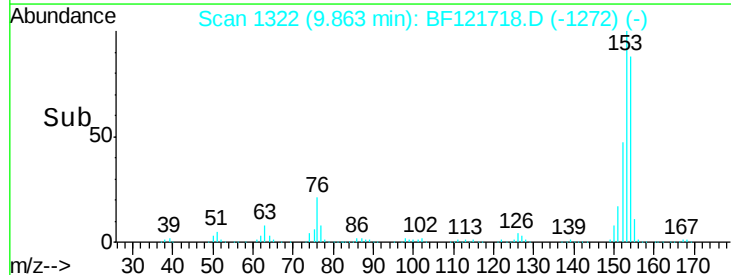
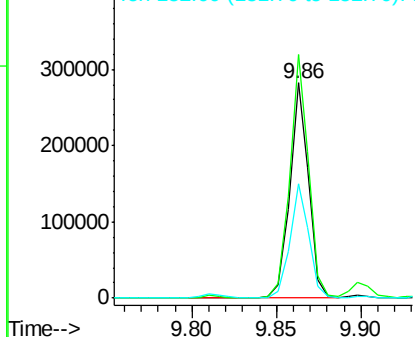


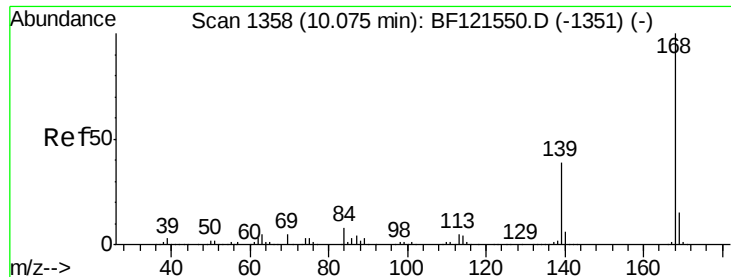
#52
 Acenaphthene
 Concen: 12.499 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.7	137.5
152	53.4	44.0	66.0



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

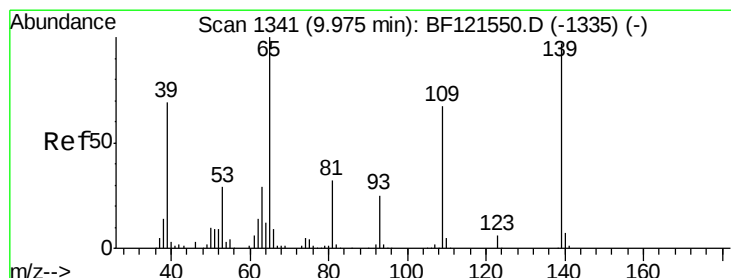
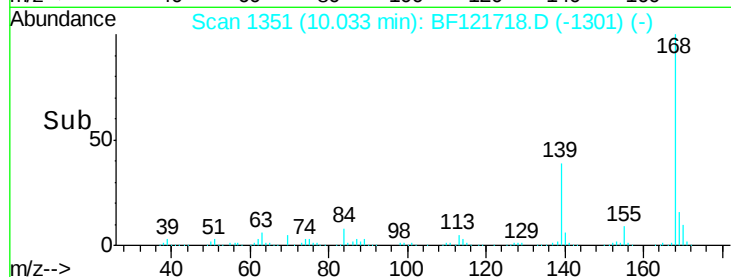
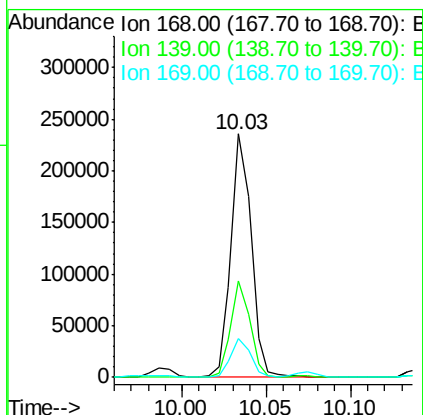
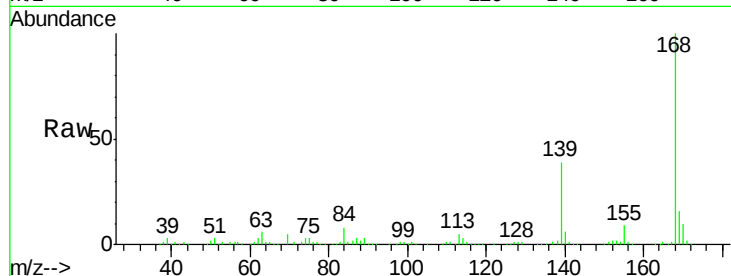




#55
Dibenzofuran
Concen: 7.941 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

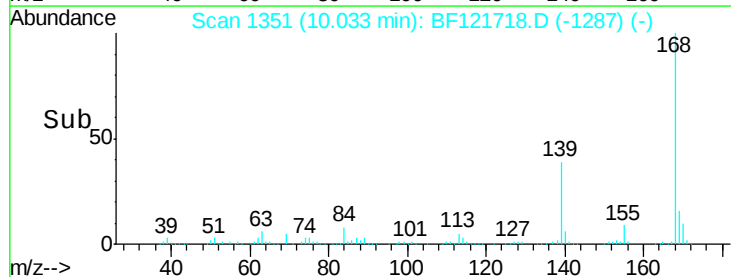
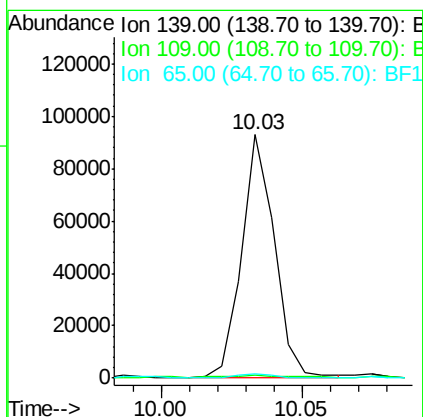
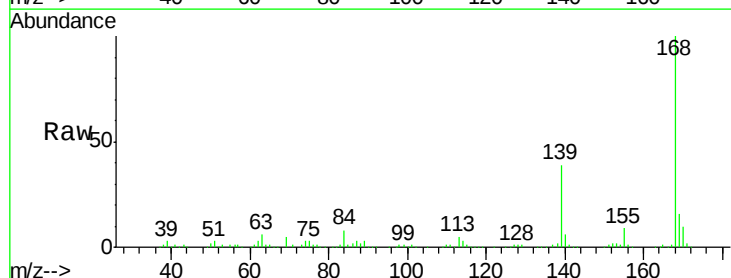
Instrument :
BNA_F
ClientSampleId :
B-5(5-7)

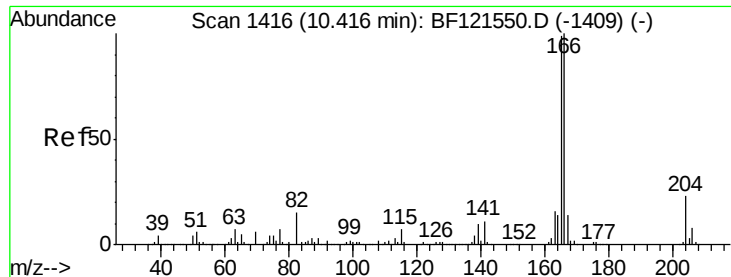
Tot Ion:168 Resp: 196547
Ion Ratio Lower Upper
168 100
139 39.4 32.6 49.0
169 15.8 11.7 17.5



#56
4-Nitrophenol
Concen: 18.323 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.08 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

Tgt Ion:139 Resp: 75010
Ion Ratio Lower Upper
139 100
109 1.1 49.0 89.0#
65 1.9 82.5 122.5#





#58

Fluorene

Concen: 16.067 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

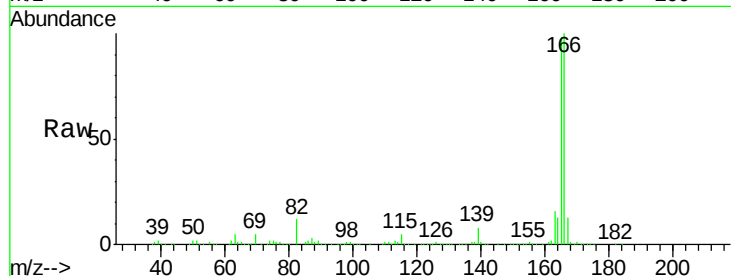
Tot Ion:166 Resp: 304120

Ion Ratio Lower Upper

166 100

165 97.6 78.8 118.2

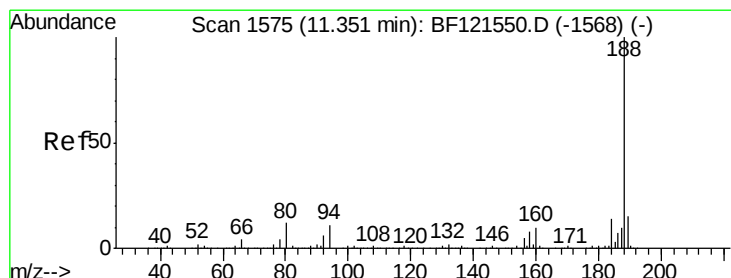
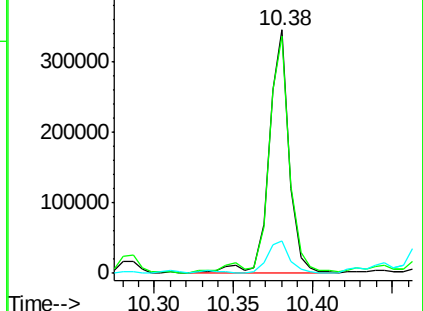
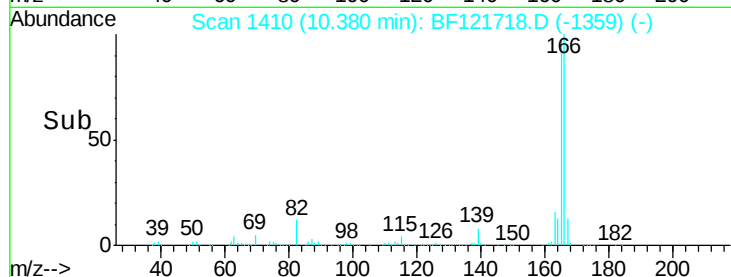
167 13.4 11.0 16.4



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: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

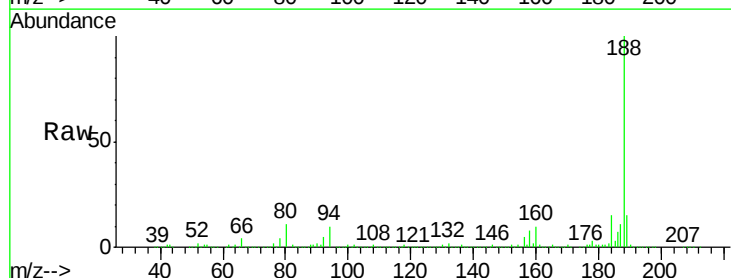
Tgt Ion:188 Resp: 490934

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

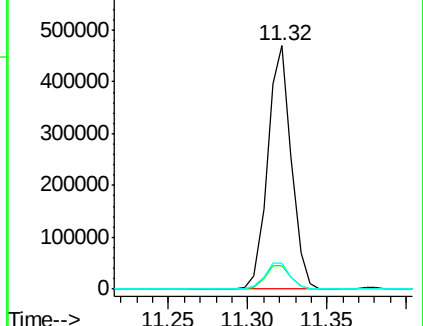
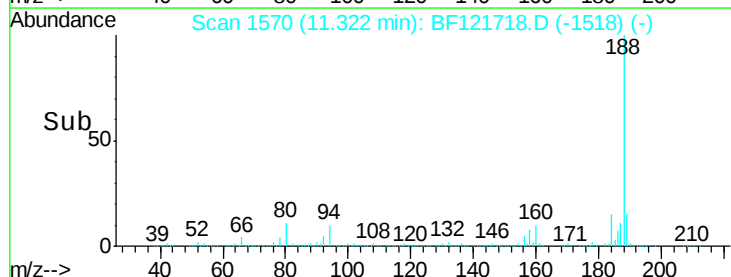
80 10.8 9.3 13.9

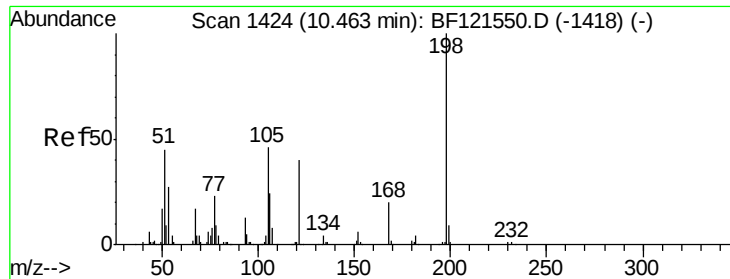


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

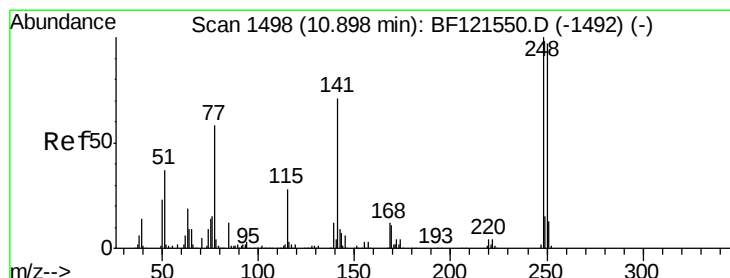
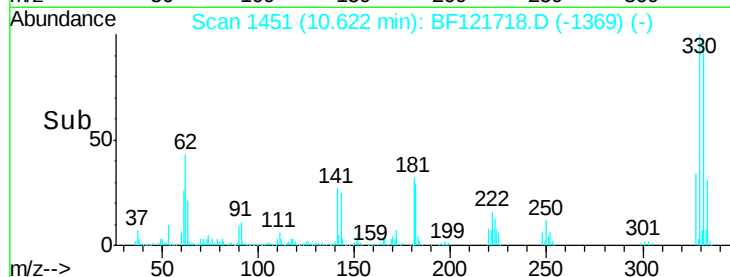
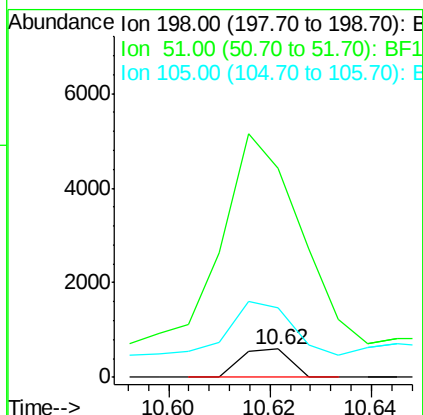
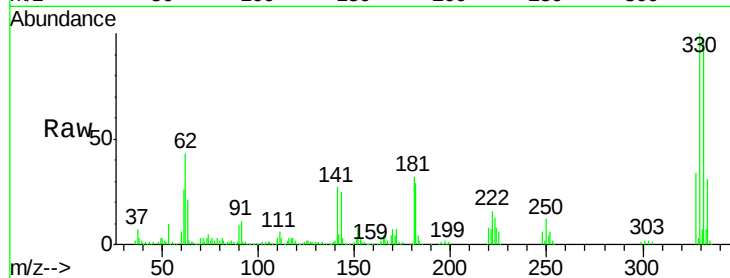




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.966 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.18 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

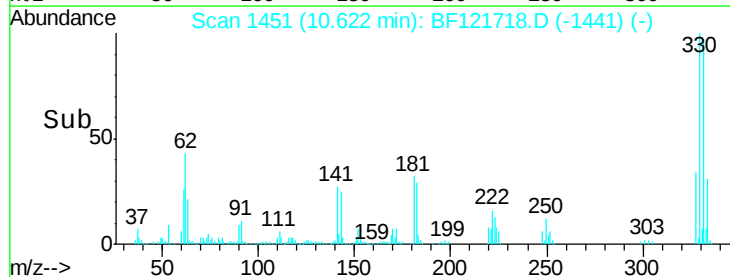
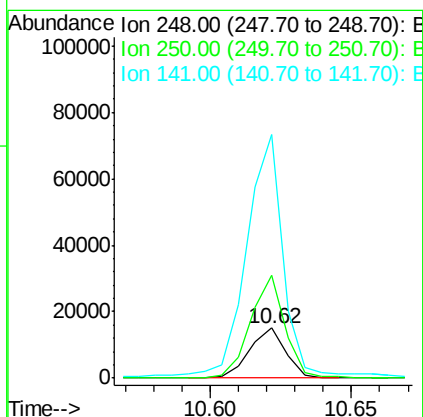
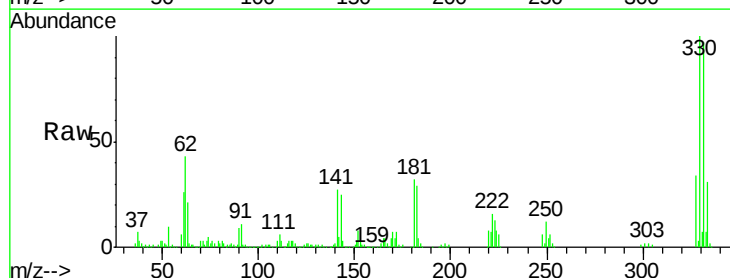
Instrument :
 BNA_F
 ClientSampleId :
 B-5(5-7)

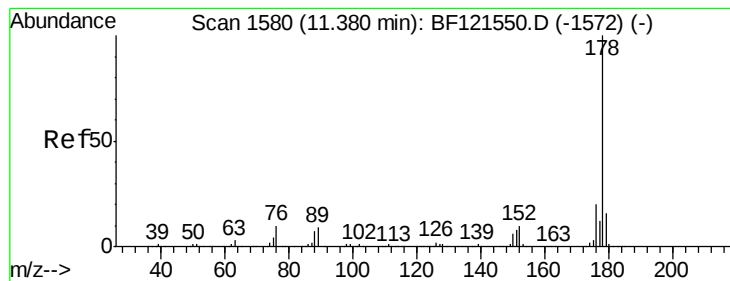
Tot Ion	Ratio	Lower	Upper
198	100		
51	741.7	18.8	58.8#
105	247.2	18.5	58.5#



#67
 4-Bromophenyl-phenylether
 Concen: 2.377 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.8	115.2#
141	488.1	55.7	83.5#





#71

Phenanthrene

Concen: 104.203 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

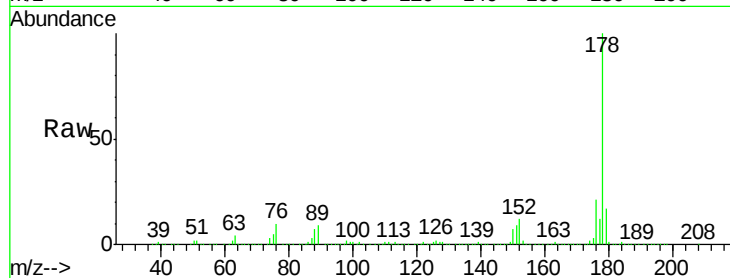
Tot Ion:178 Resp: 2787248

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

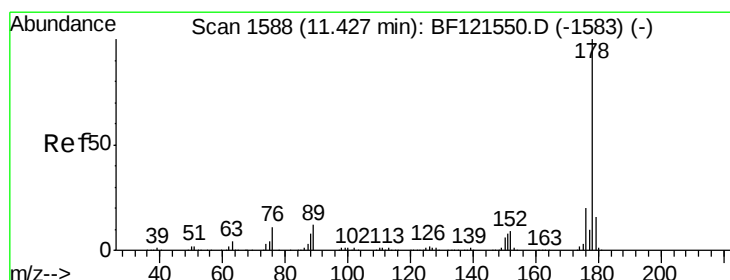
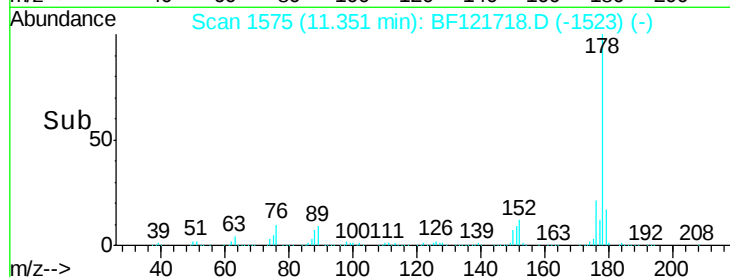
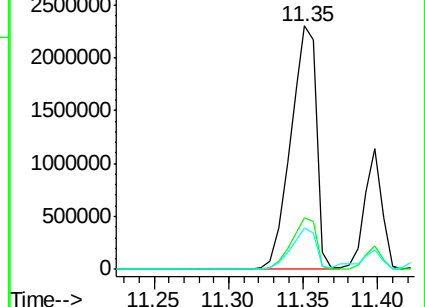
179 17.0 12.5 18.7



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: 32.921 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

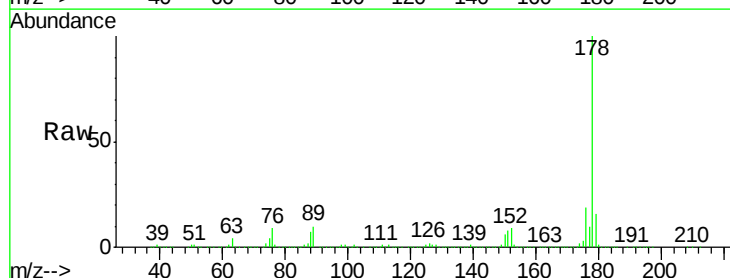
Tgt Ion:178 Resp: 908702

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

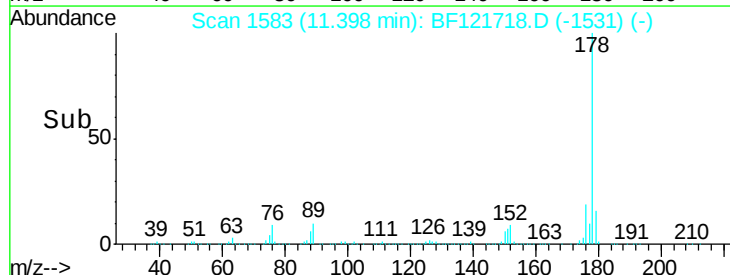
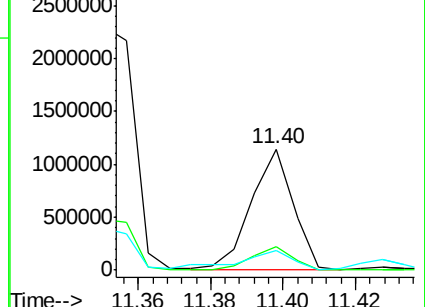
179 15.9 12.7 19.1

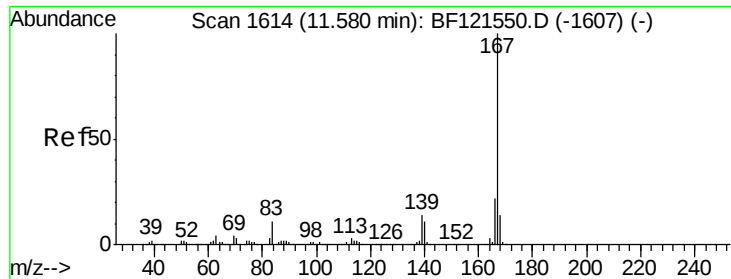


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

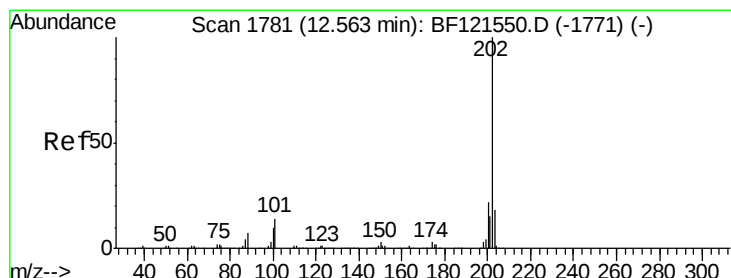
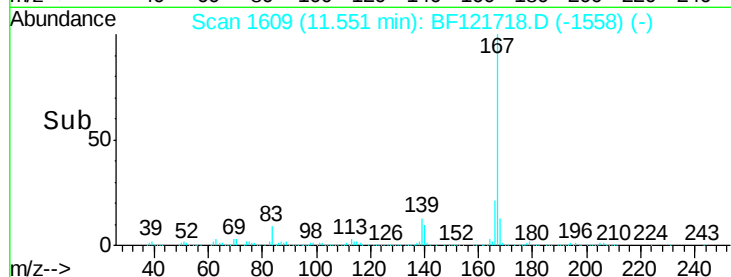
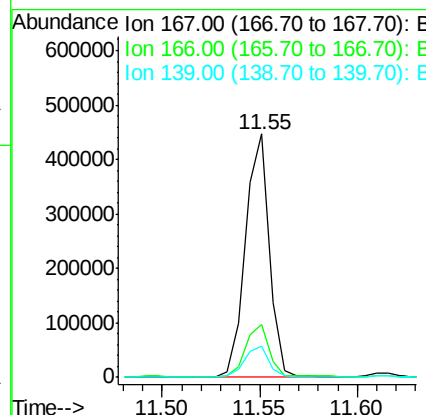
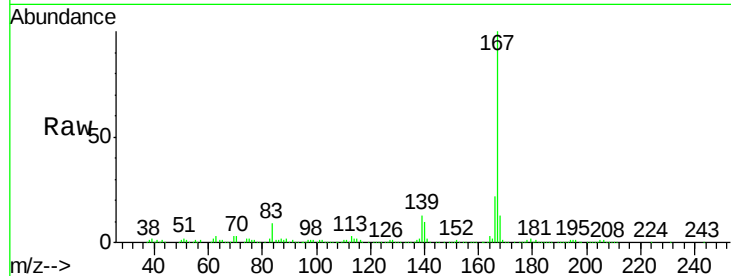




#73
 Carbazole
 Concen: 15.120 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

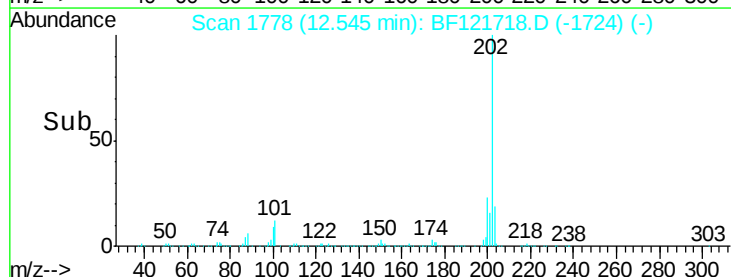
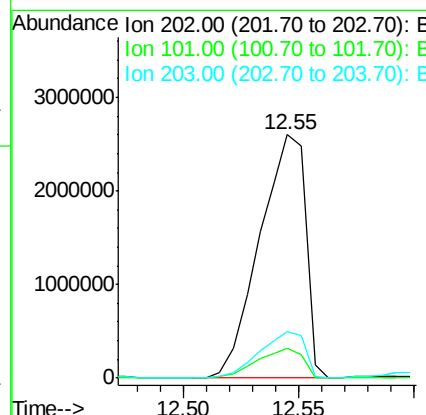
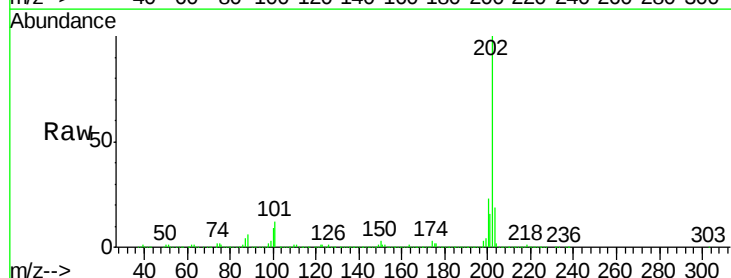
Instrument :
 BNA_F
 ClientSampleId :
 B-5(5-7)

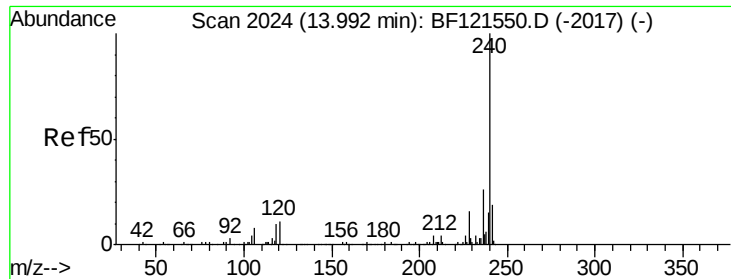
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.9	10.7	16.1



#75
 Fluoranthene
 Concen: 125.192 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.02 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.7
203	18.9	0.0	38.5

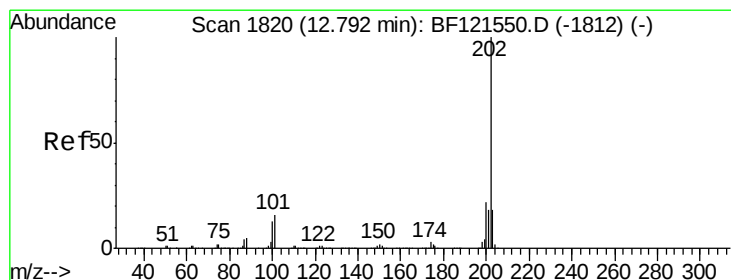
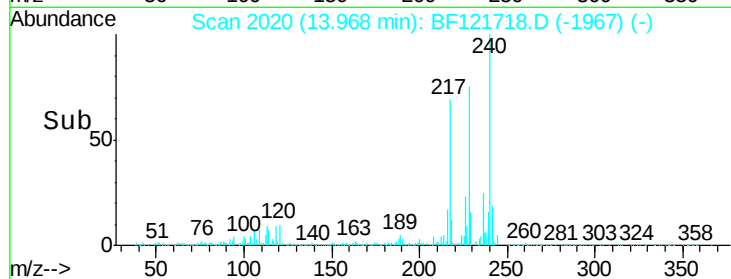
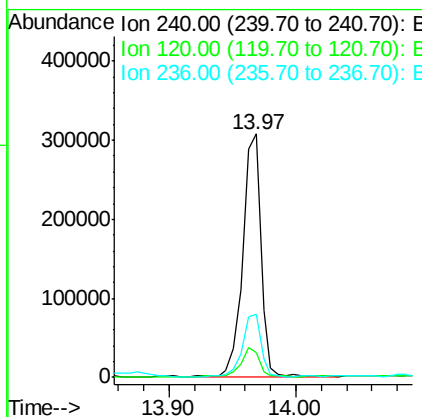
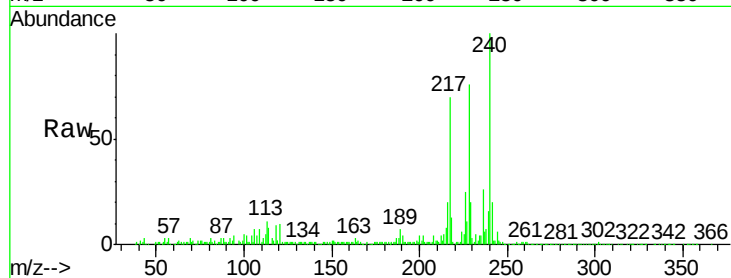




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

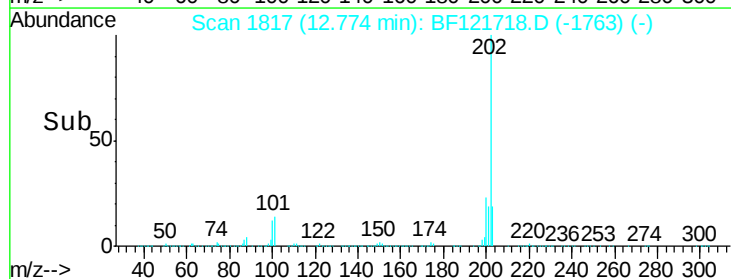
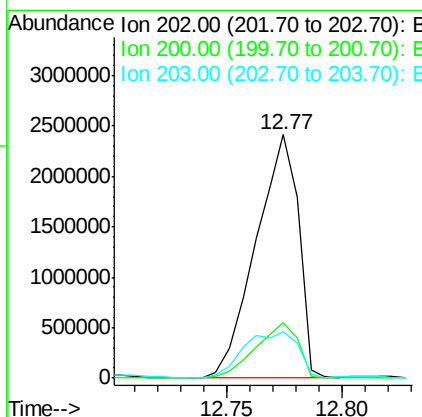
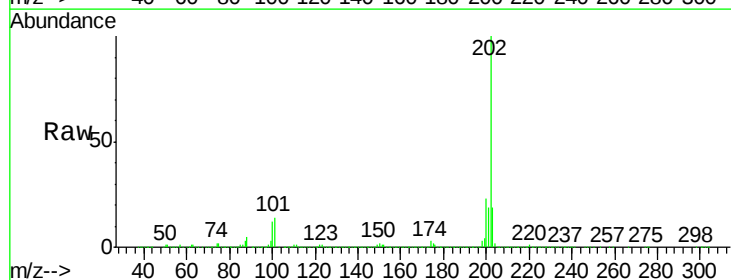
Instrument :
BNA_F
ClientSampleId :
B-5(5-7)

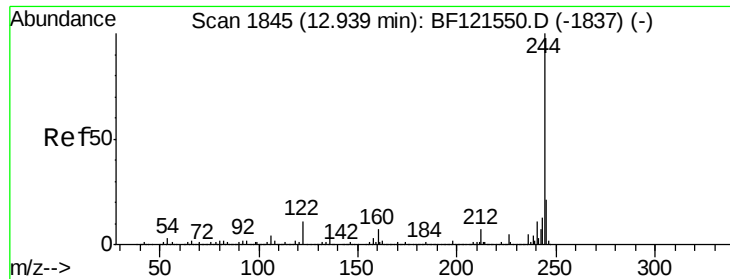
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.1	13.7
236	25.7	20.6	30.8



#78
Pyrene
Concen: 139.705 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	19.3	14.3	21.5





#79

Terphenyl-d14

Concen: 59.064 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

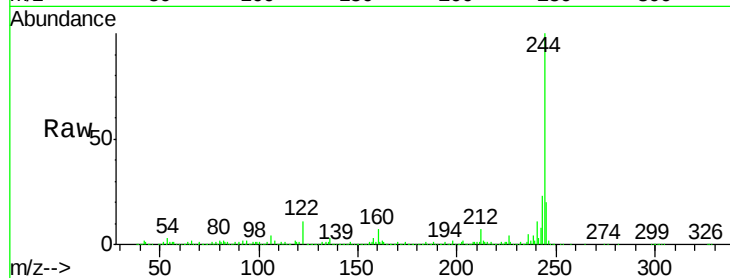
Tot Ion:244 Resp: 880245

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

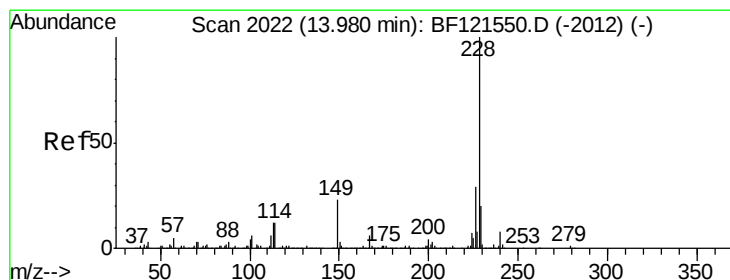
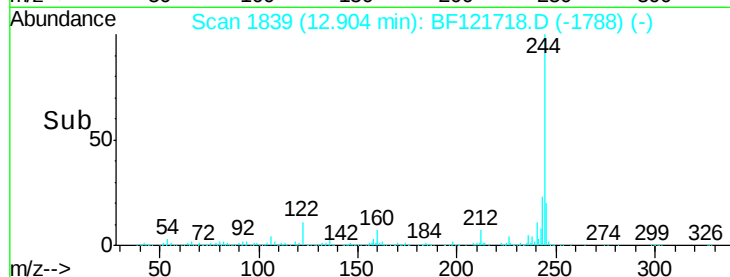
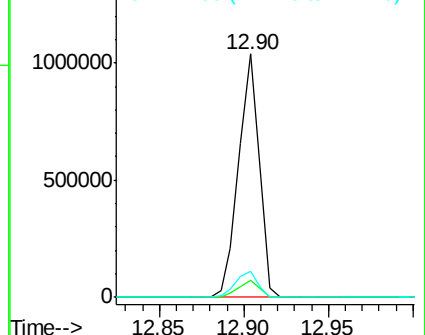
122 10.9 8.0 12.0



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: 89.805 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

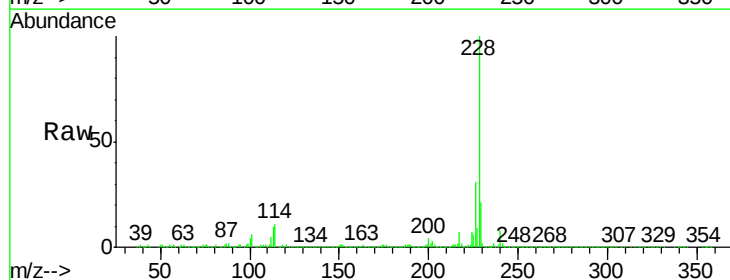
Tgt Ion:228 Resp: 1715392

Ion Ratio Lower Upper

228 100

226 30.6 22.5 33.7

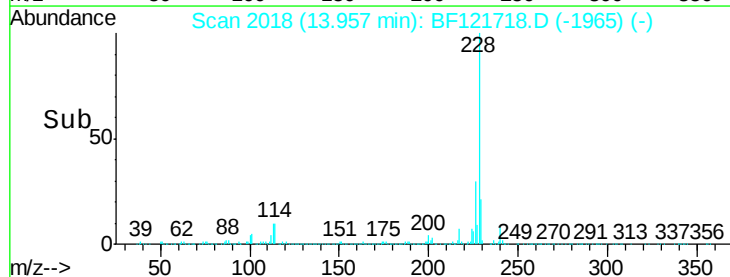
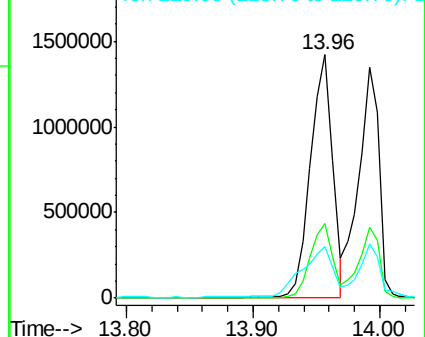
229 21.0 16.2 24.4

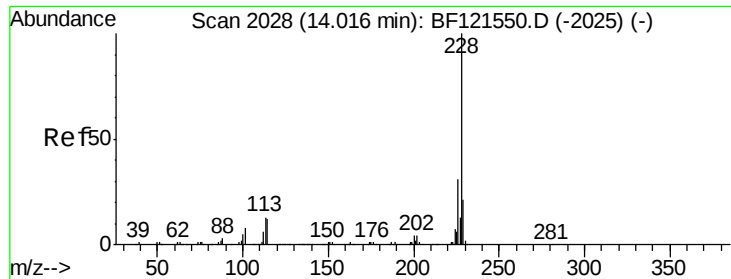


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 70.930 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

Instrument :

BNA_F

ClientSampleId :

B-5(5-7)

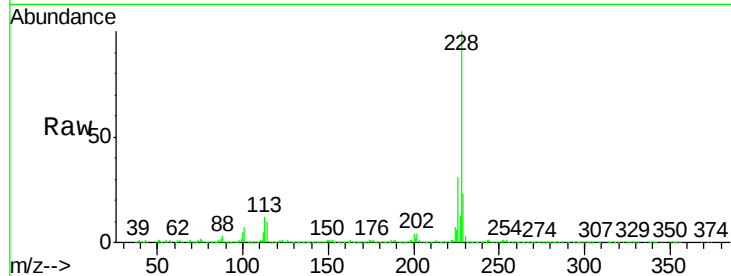
Tot Ion:228 Resp: 1371967

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

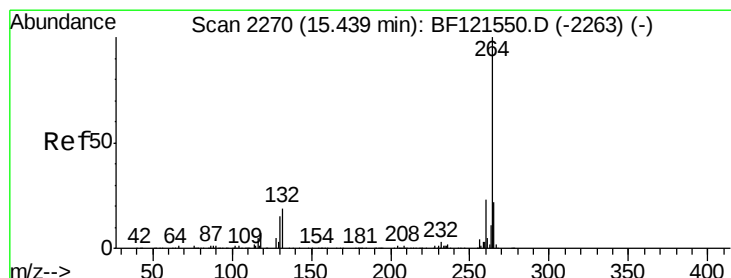
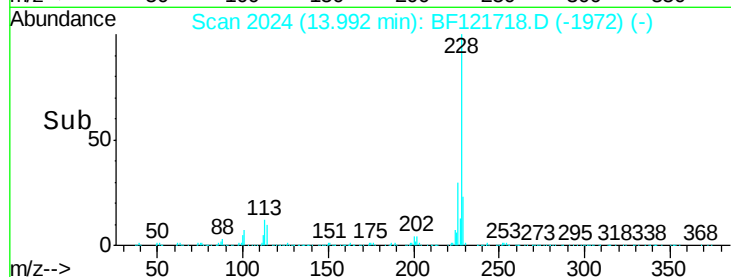
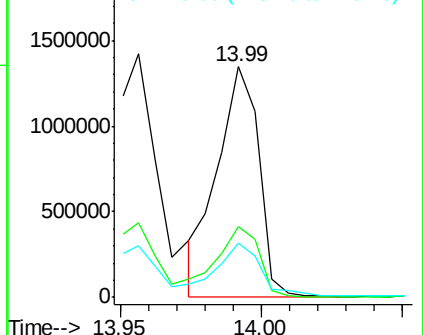
229 23.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.02 min

Lab File: BF121718.D

Acq: 28 Sep 2020 18:13

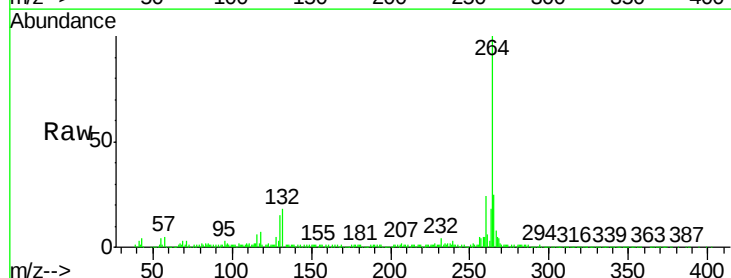
Tgt Ion:264 Resp: 340462

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

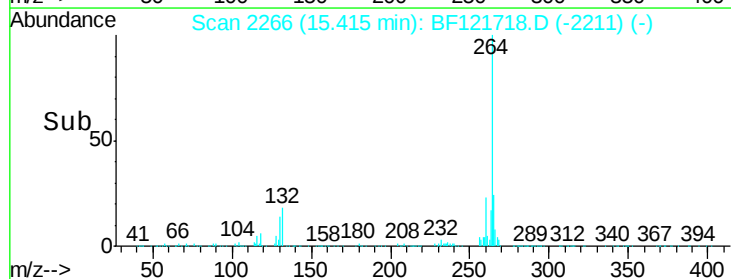
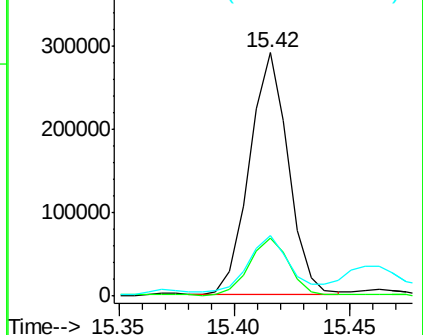
265 24.8 17.2 25.8

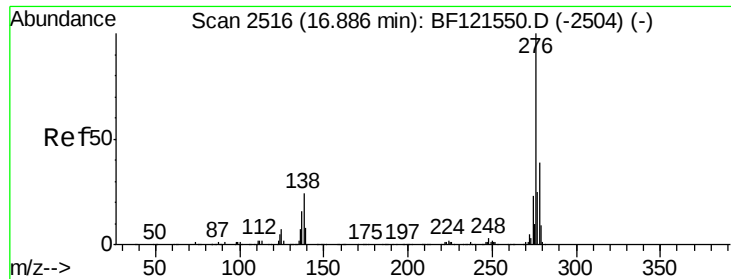


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

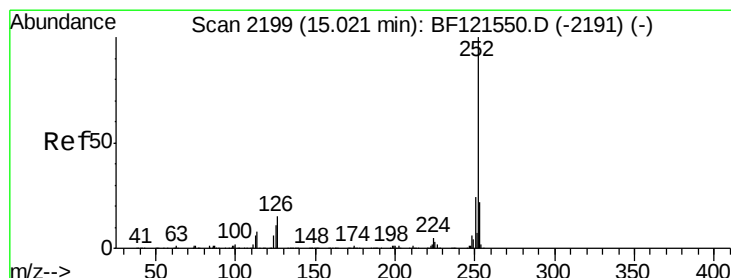
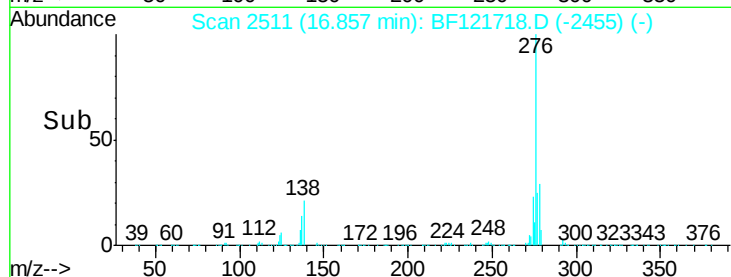
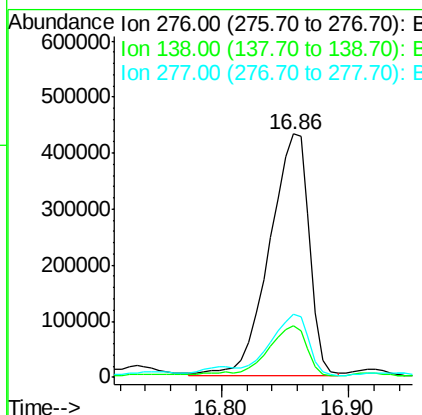
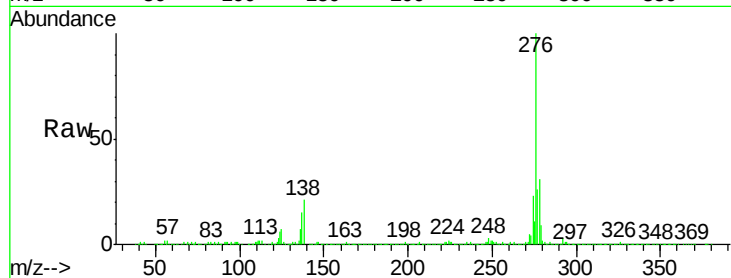




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.441 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.03 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

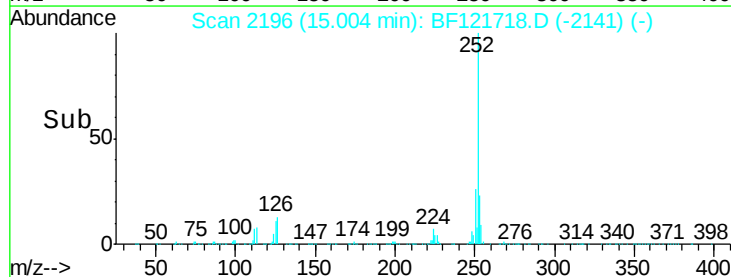
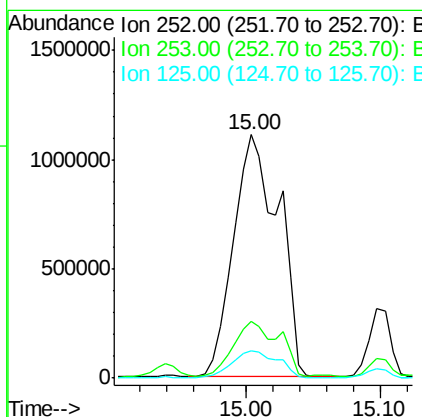
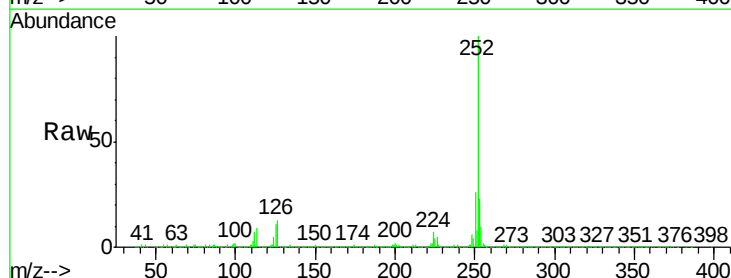
Instrument :
 BNA_F
 ClientSampleId :
 B-5(5-7)

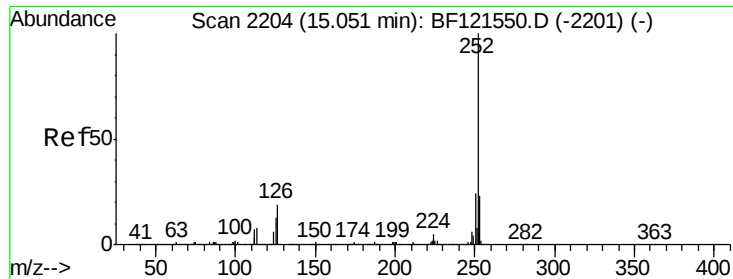
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.5	29.3
277	24.8	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 115.173 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: BF121718.D
 Acq: 28 Sep 2020 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.2	8.6	13.0

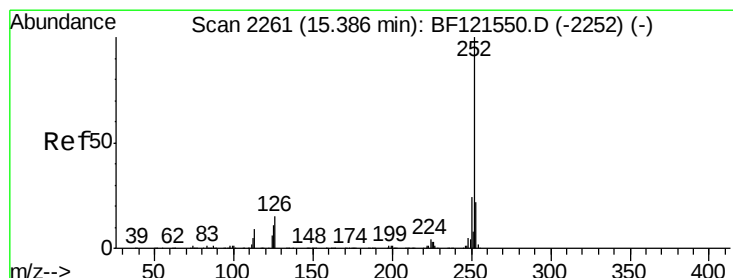
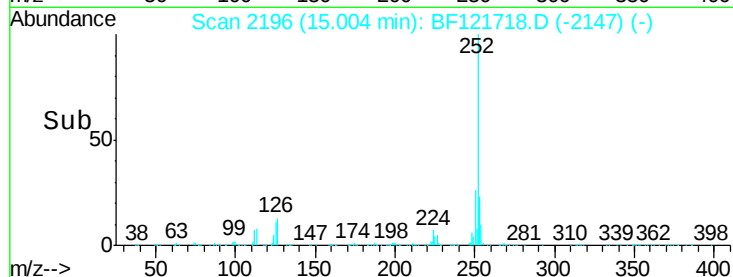
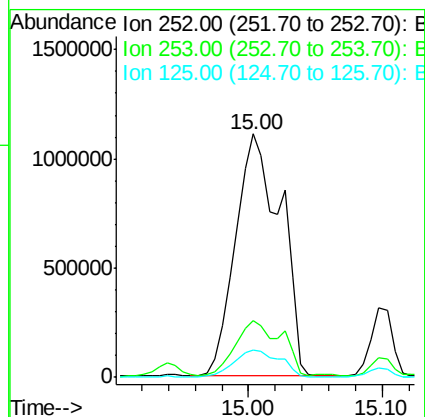
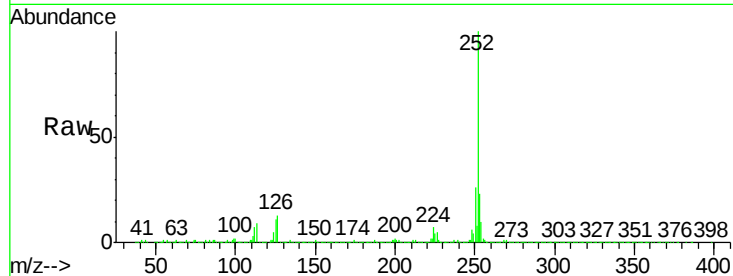




#89
Benzo(k)fluoranthene
Concen: 125.770 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

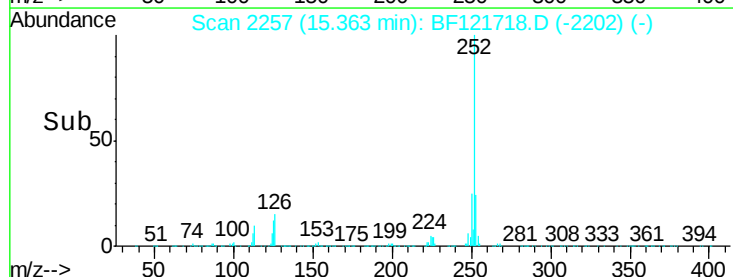
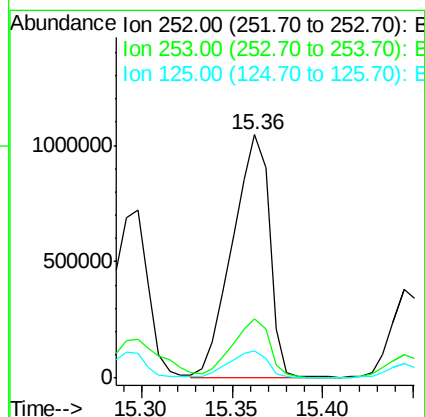
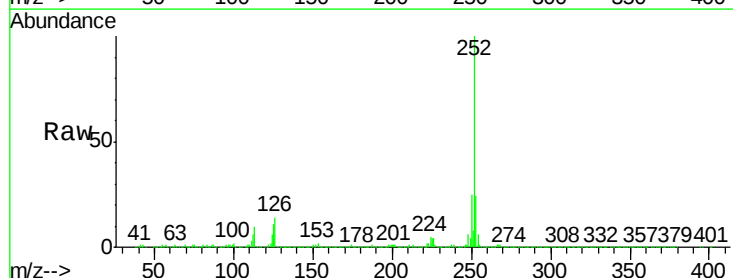
Instrument :
BNA_F
ClientSampleId :
B-5(5-7)

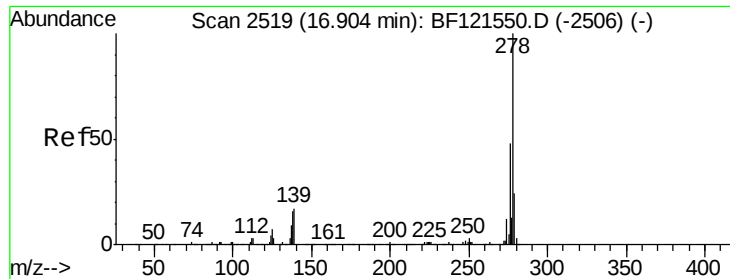
Tot Ion:252 Resp: 2621360
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 11.2 7.1 10.7#



#90
Benzo(a)pyrene
Concen: 76.582 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

Tgt Ion:252 Resp: 1481633
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 11.5 9.2 13.8

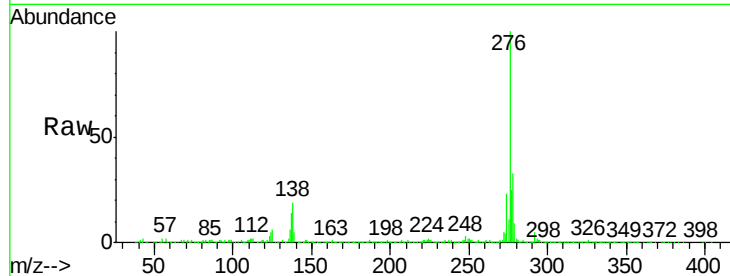




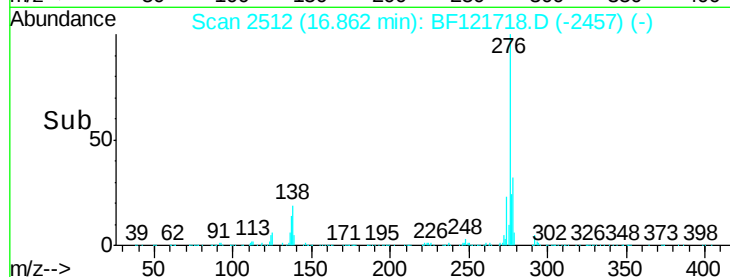
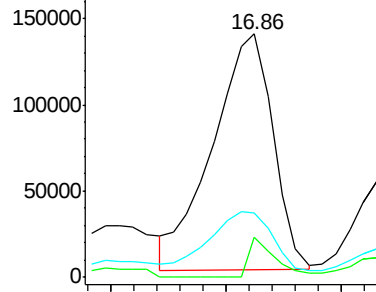
#91
Dibenzo(a,h)anthracene
Concen: 13.508 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

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

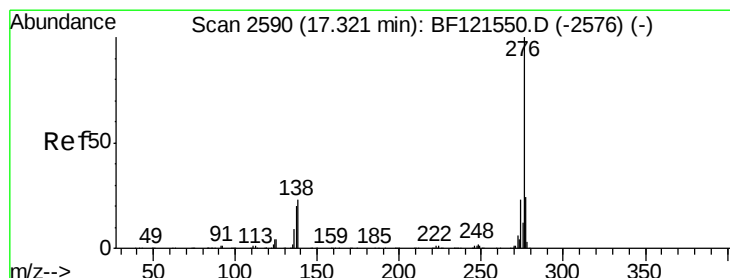
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.0	19.4
279	26.6	19.3	28.9



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

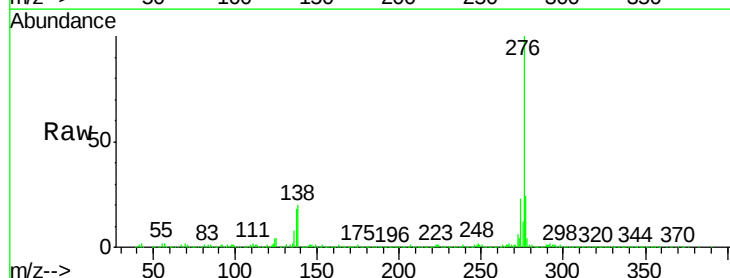


Time-->

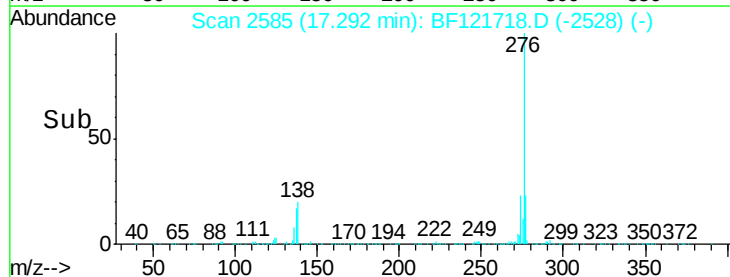
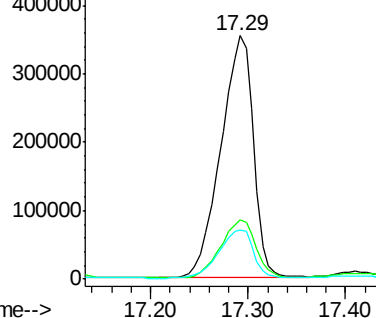


#92
Benzo(g,h,i)perylene
Concen: 45.543 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BF121718.D
Acq: 28 Sep 2020 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.0	16.6	25.0



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



Time-->