

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121572.D
 Acq On : 15 Sep 2020 12:01
 Operator : JU/CG
 Sample : L3981-08DL 25X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B19-4-6DL

Quant Time: Sep 15 12:53:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	204295	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	749052	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	431073	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	831317	20.00	ng	0.00
76) Chrysene-d12	13.99	240	681190	20.00	ng	0.00
86) Perylene-d12	15.44	264	566949	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	36716	2.67	ng	0.00
7) Phenol-d6	6.47	99	52654	2.92	ng	0.01
23) Nitrobenzene-d5	7.39	82	33105	2.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	12325	2.30	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	75341	2.65	ng	0.00
79) Terphenyl-d14	12.93	244	93919	2.79	ng	0.00

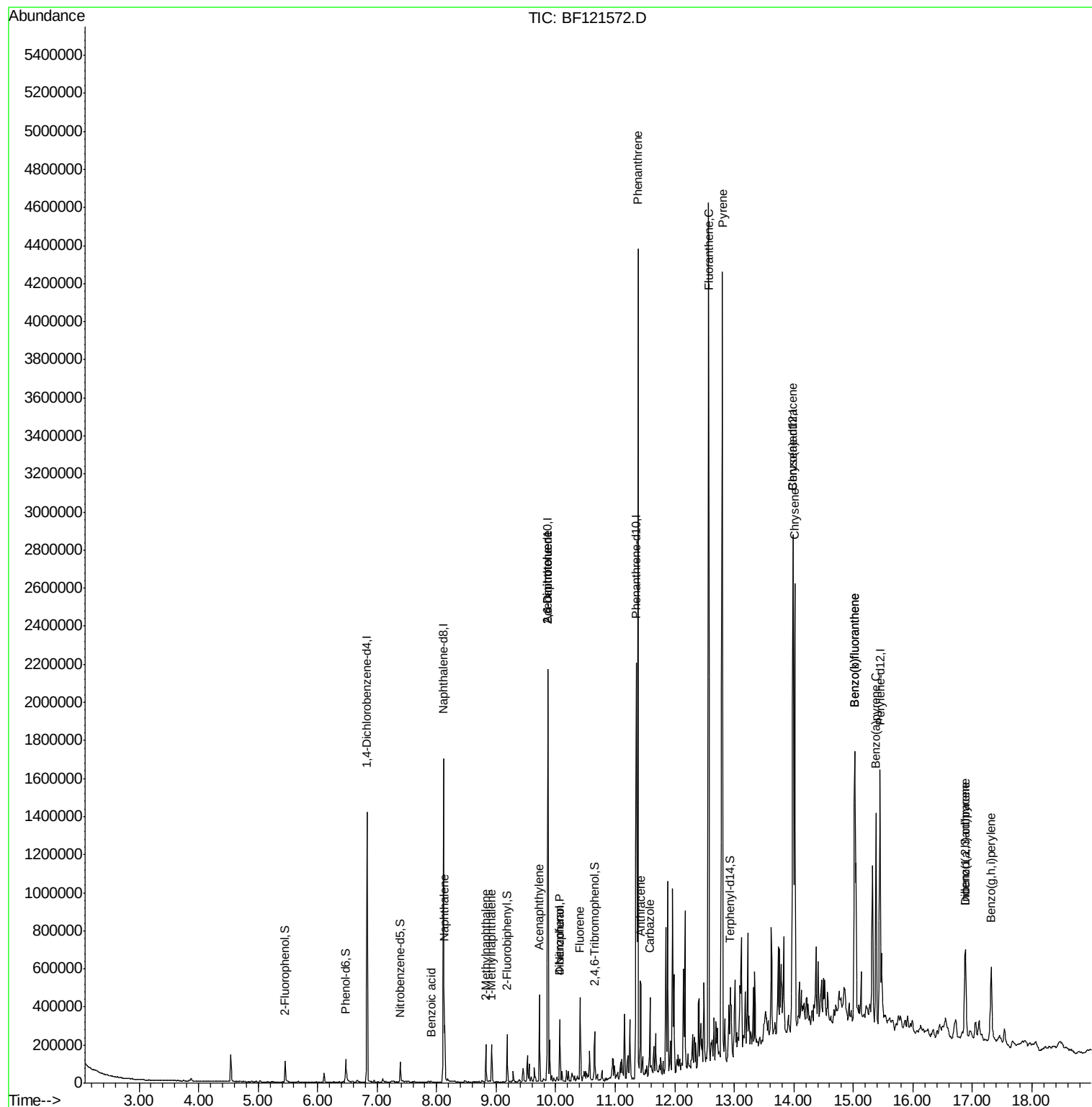
Target Compounds				Qvalue		
31) Naphthalene	8.13	128	181721	4.596	ng	98
32) Benzoic acid	7.91	122	1190	7.044	ng	# 13
37) 2-Methylnaphthalene	8.83	142	55461	2.140	ng	98
38) 1-Methylnaphthalene	8.92	142	52514	2.178	ng	97
49) Acenaphthylene	9.73	152	159027	3.806	ng	98
51) 2,6-Dinitrotoluene	9.87	165	58706	8.823	ng	# 29
55) Dibenzofuran	10.07	168	100462	2.703	ng	98
56) 4-Nitrophenol	10.07	139	36683	5.967	ng	# 7
57) 2,4-Dinitrotoluene	9.87	165	58706	7.013	ng	# 24
58) Fluorene	10.41	166	116030	4.082	ng	99
71) Phenanthrene	11.38	178	1565363	34.560	ng	99
72) Anthracene	11.43	178	197728	4.230	ng	99
73) Carbazole	11.58	167	144202	3.419	ng	97
75) Fluoranthene	12.57	202	1824499	37.735	ng	99
78) Pyrene	12.80	202	1770067	35.565	ng	99
81) Benzo(a)anthracene	13.98	228	743970	17.263	ng	96
83) Chrysene	14.02	228	831425	19.052	ng	99
87) Indeno(1,2,3-cd)pyrene	16.88	276	318349	8.622	ng	95
88) Benzo(b)fluoranthene	15.02	252	1021007	26.939	ng	99
89) Benzo(k)fluoranthene	15.02	252	1021007	29.417	ng	100
90) Benzo(a)pyrene	15.38	252	519744	16.132	ng	97
91) Dibenzo(a,h)anthracene	16.89	278	83275	2.709	ng	93
92) Benzo(g,h,i)perylene	17.32	276	305760	10.121	ng	99

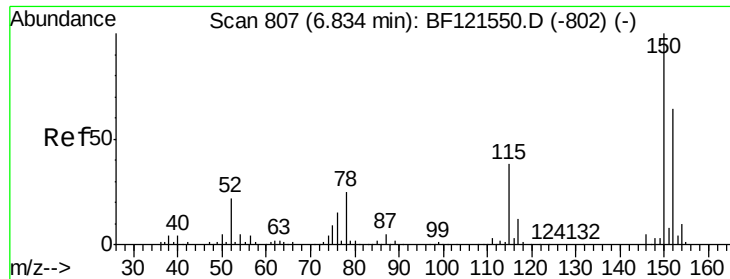
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

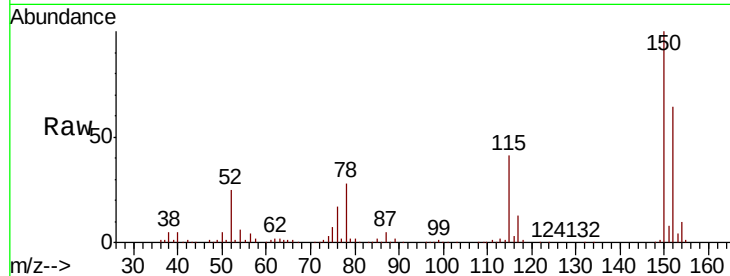
Tot Ion:152 Resp: 204295

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

115 64.5 47.8 71.8

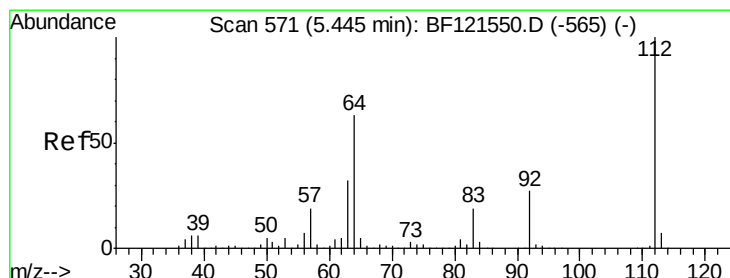
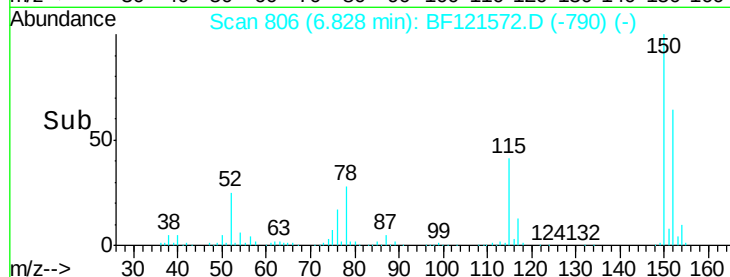
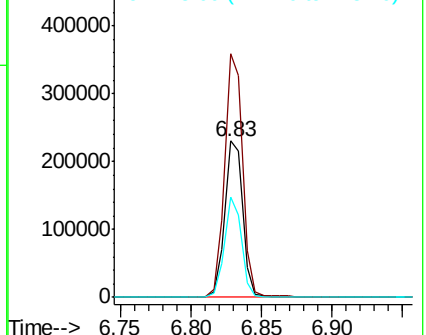


Abundance

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: 2.671 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

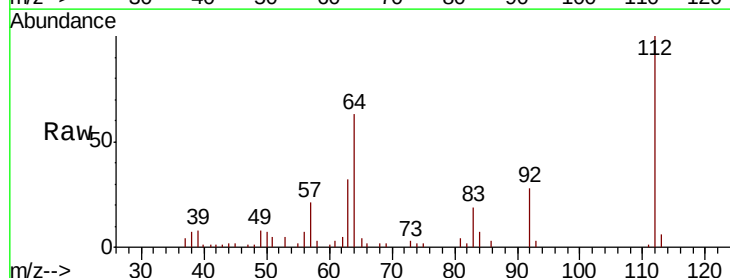
Tgt Ion:112 Resp: 36716

Ion Ratio Lower Upper

112 100

64 62.9 50.3 75.5

63 31.8 25.6 38.4

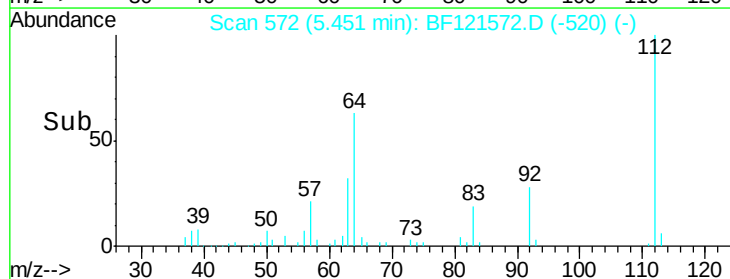
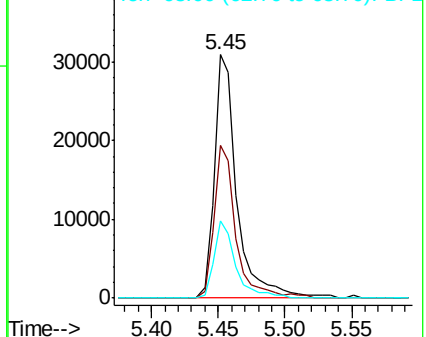


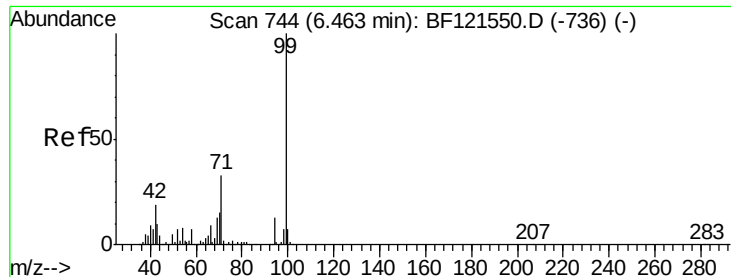
Abundance

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: 2.920 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

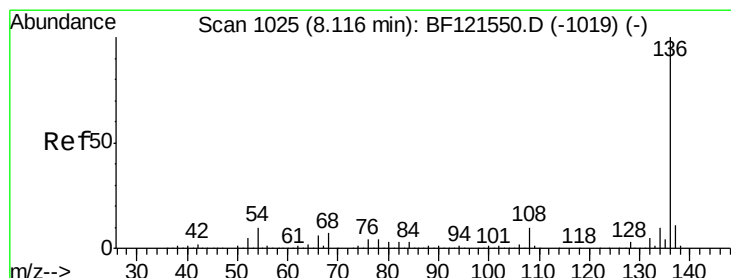
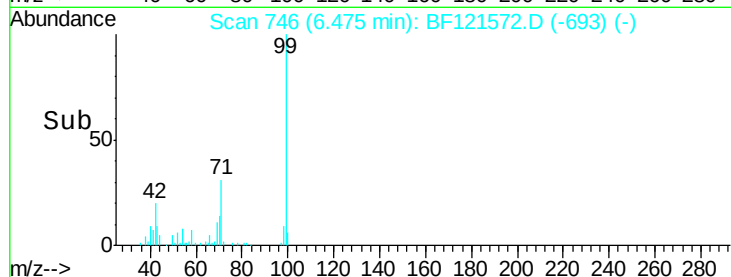
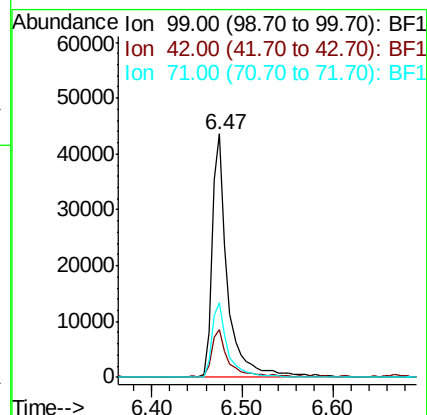
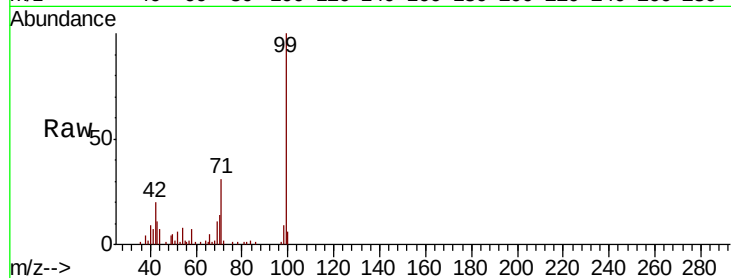
Tot Ion: 99 Resp: 52654

Ion Ratio Lower Upper

99 100

42 19.5 15.5 23.3

71 30.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Tgt Ion: 136 Resp: 749052

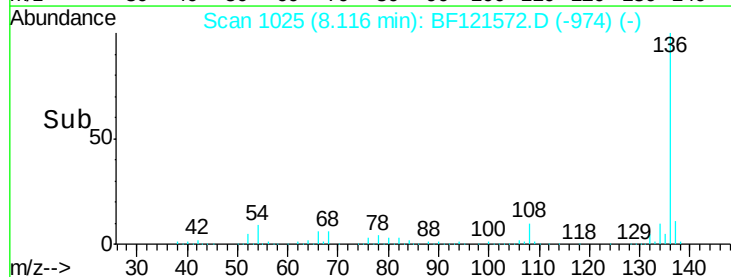
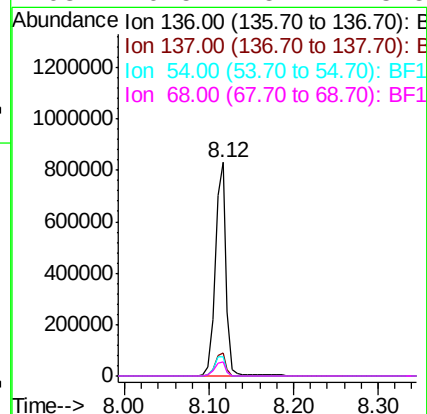
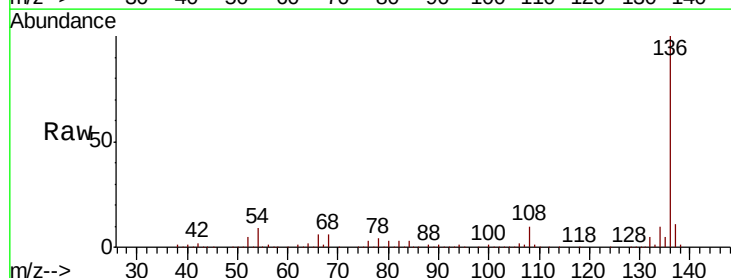
Ion Ratio Lower Upper

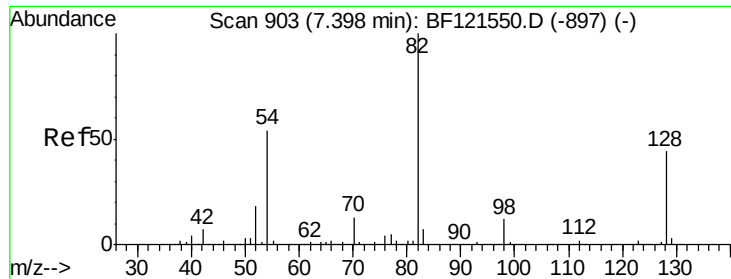
136 100

137 10.6 9.0 13.6

54 8.8 7.6 11.4

68 6.5 5.7 8.5

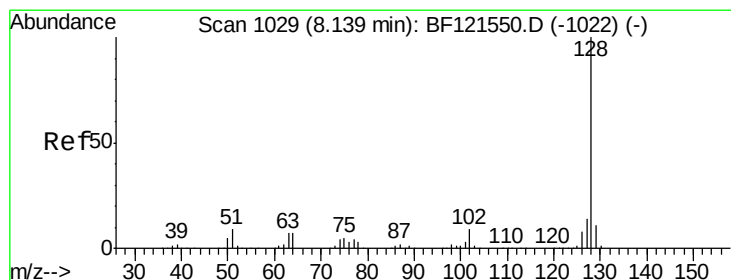
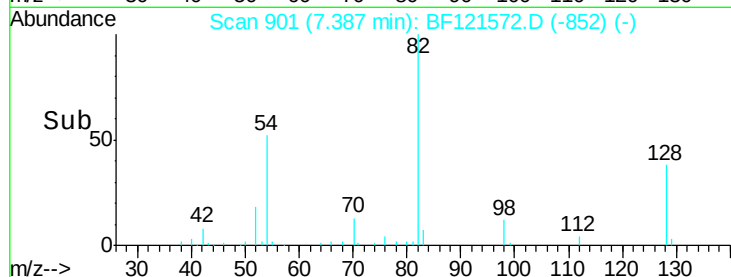
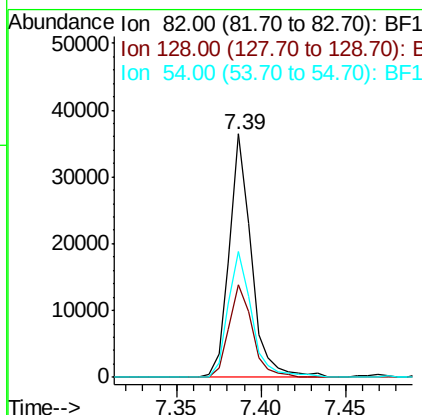
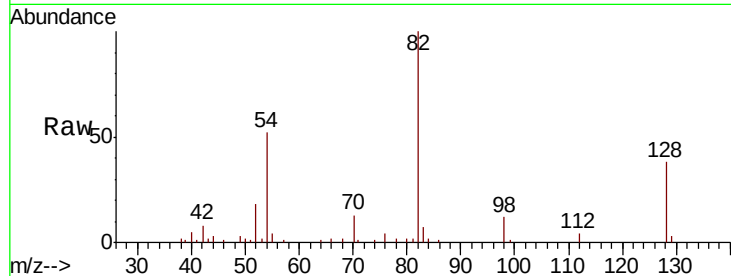




#23
 Nitrobenzene-d5
 Concen: 2.373 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121572.D
 Acq: 15 Sep 2020 12:01

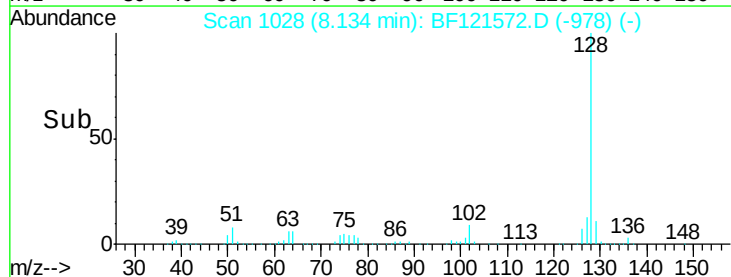
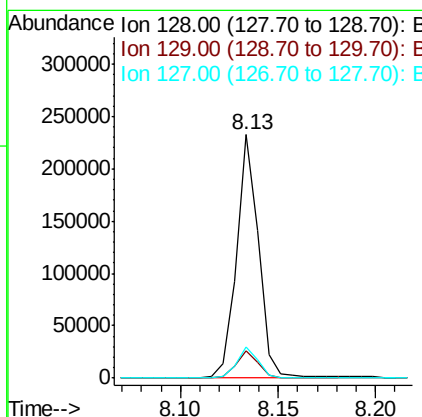
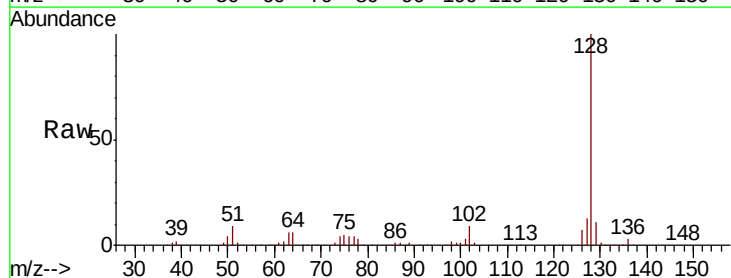
Instrument :
 BNA_F
 ClientSampleID :
 B19-4-6DL

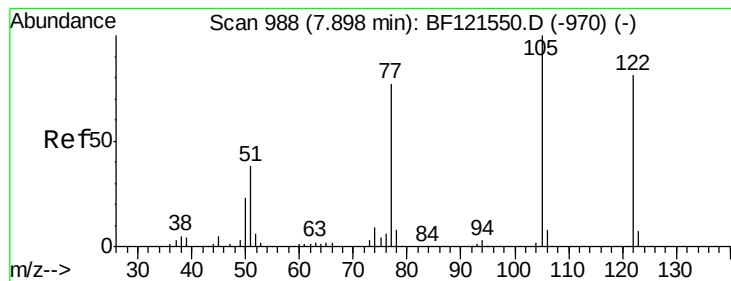
Tot Ion	82	Resp	33105
Ion Ratio	Lower	Upper	
82	100		
128	38.2	35.1	52.7
54	51.7	43.0	64.6



#31
 Naphthalene
 Concen: 4.596 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF121572.D
 Acq: 15 Sep 2020 12:01

Tgt Ion	128	Resp	181721
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
128	100		
129	11.0	9.1	13.7
127	12.7	11.0	16.6





#32

Benzoic acid

Concen: 7.044 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

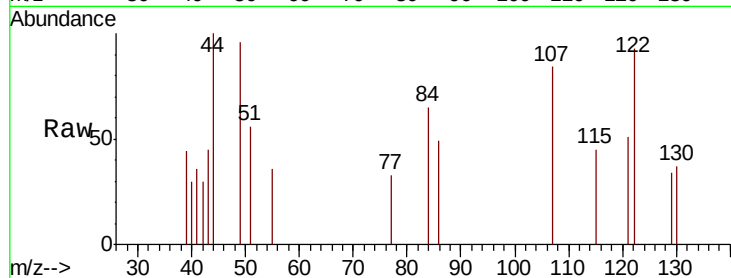
Tot Ion:122 Resp: 1190

Ion Ratio Lower Upper

122 100

105 0.0 100.5 140.5#

77 36.1 72.6 112.6#

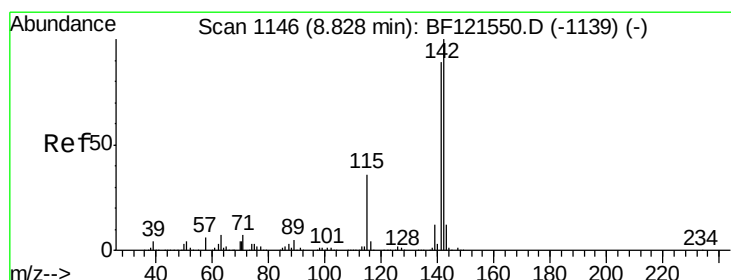
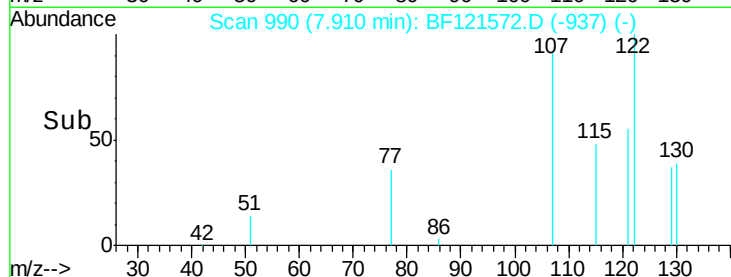
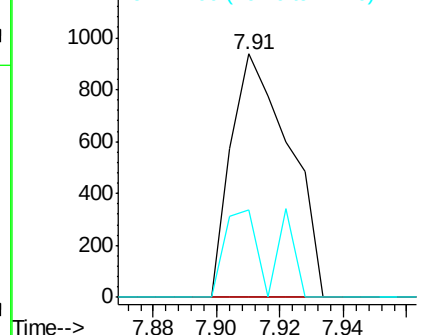


Abundance

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: 2.140 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

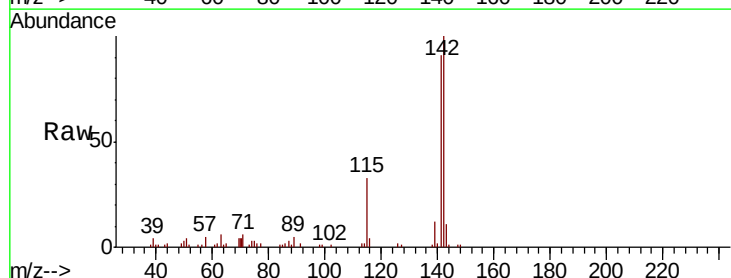
Tgt Ion:142 Resp: 55461

Ion Ratio Lower Upper

142 100

141 90.5 71.5 107.3

115 33.3 28.7 43.1

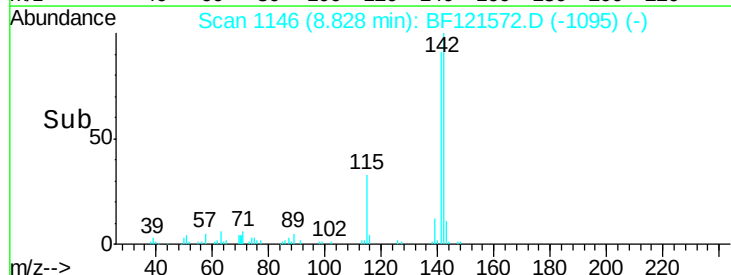
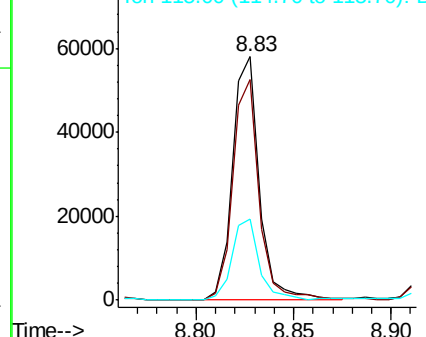


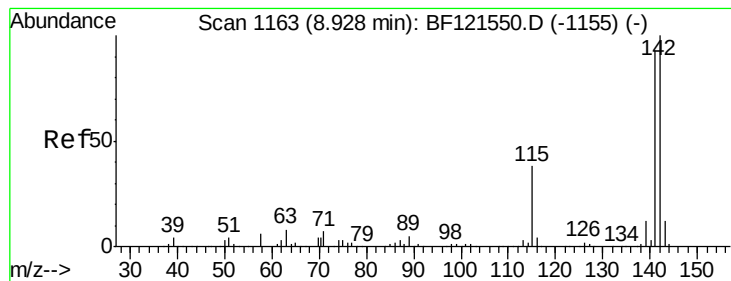
Abundance

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: 2.178 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

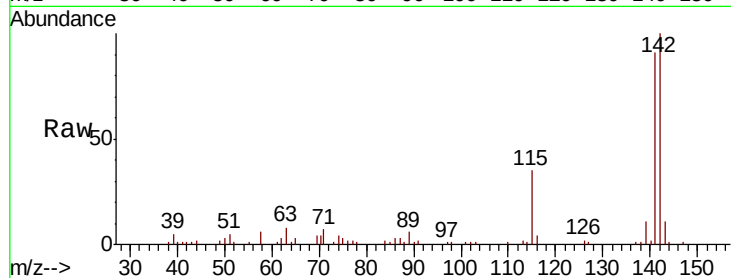
Tot Ion:142 Resp: 52514

Ion Ratio Lower Upper

142 100

141 90.9 74.8 112.2

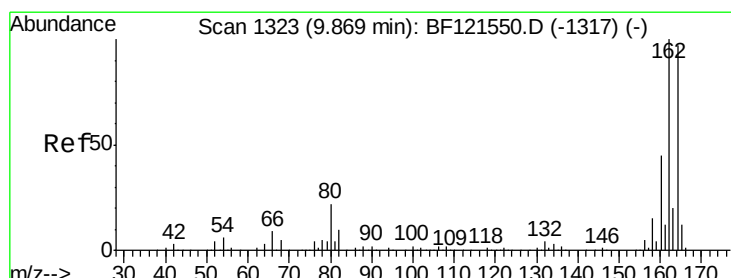
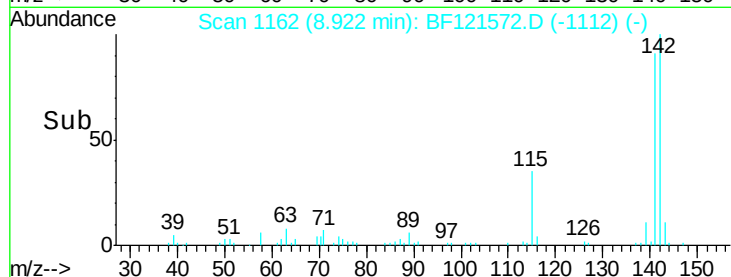
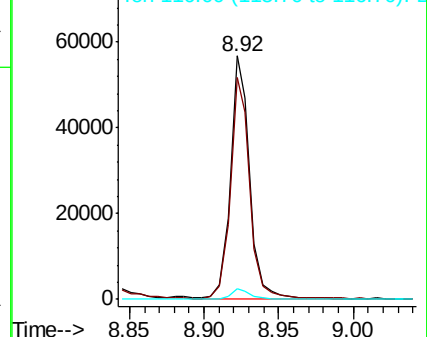
116 4.5 3.0 4.6



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: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

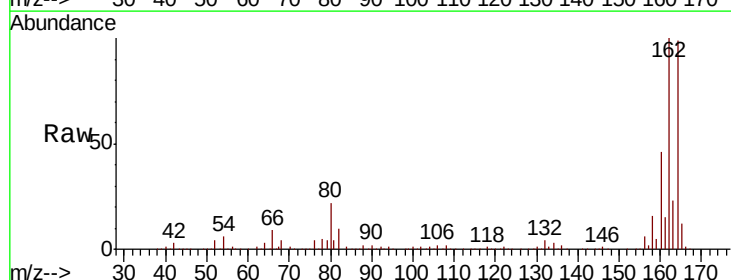
Tgt Ion:164 Resp: 431073

Ion Ratio Lower Upper

164 100

162 100.8 82.3 123.5

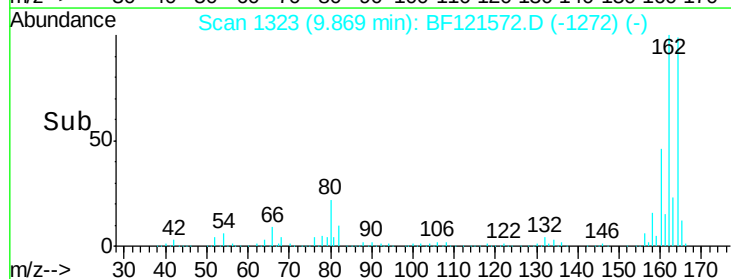
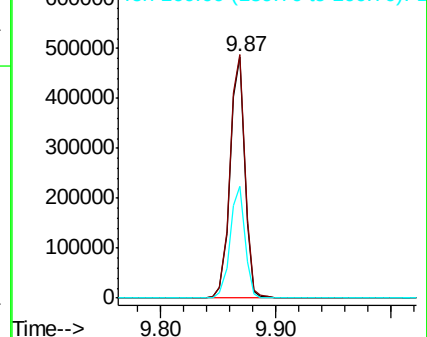
160 46.3 37.0 55.4

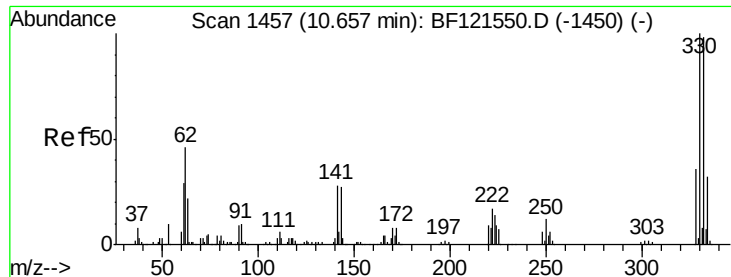


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 2.300 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

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B19-4-6DL

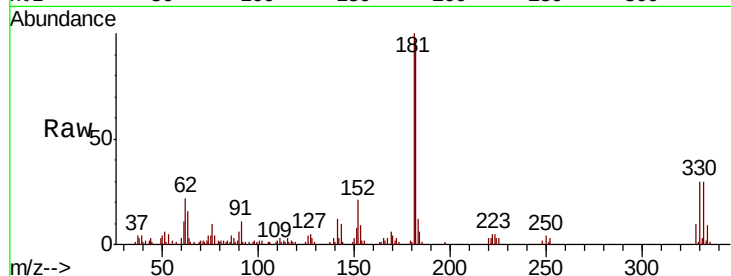
Tot Ion:330 Resp: 12325

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

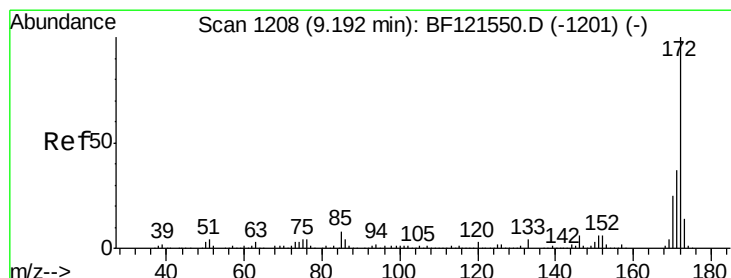
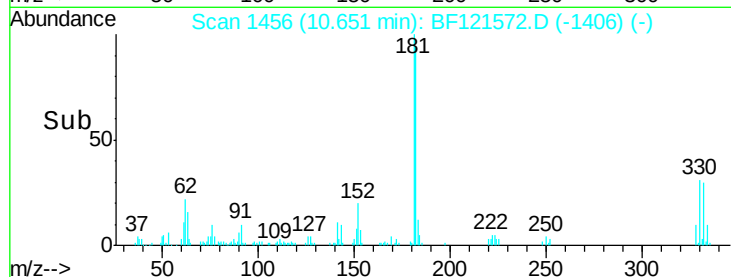
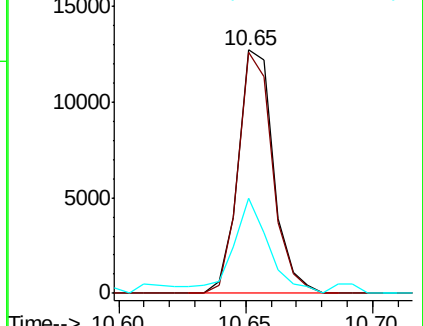
141 40.2 23.6 35.4#



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: 2.647 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

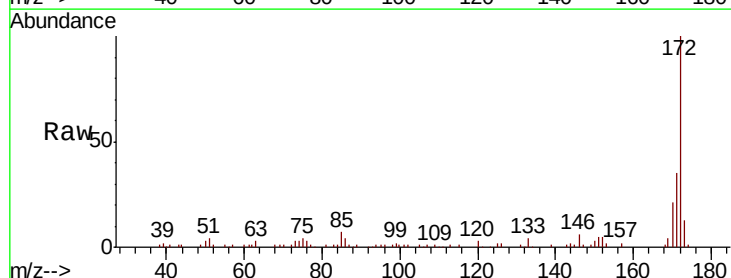
Tgt Ion:172 Resp: 75341

Ion Ratio Lower Upper

172 100

171 34.7 29.8 44.6

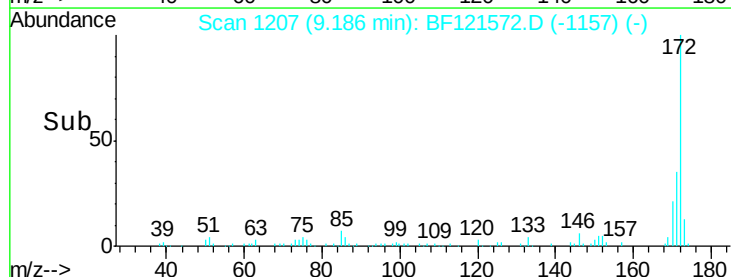
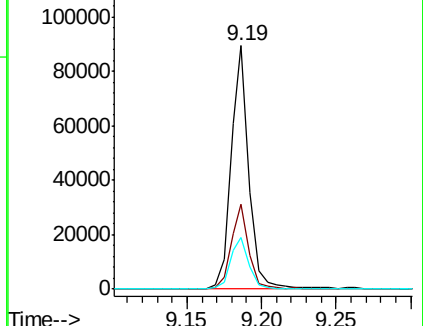
170 21.4 19.8 29.8

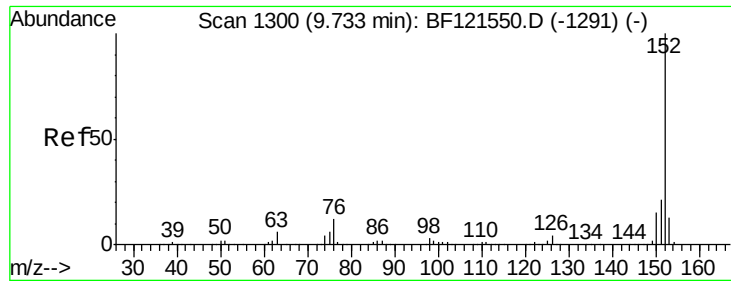


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 3.806 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampled :

B19-4-6DL

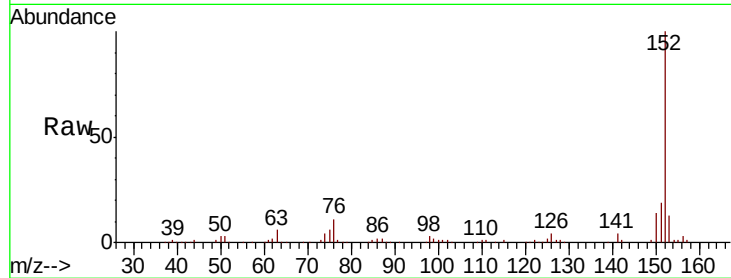
Tot Ion:152 Resp: 159027

Ion Ratio Lower Upper

152 100

151 19.3 16.6 24.8

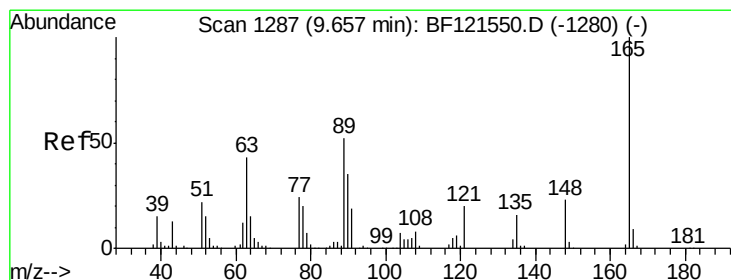
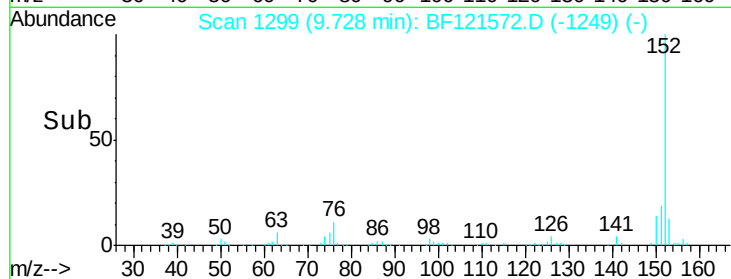
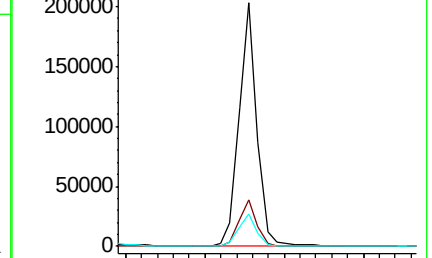
153 13.3 10.7 16.1



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: 8.823 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

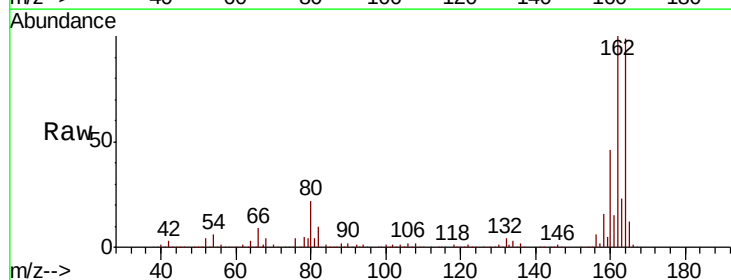
Tgt Ion:165 Resp: 58706

Ion Ratio Lower Upper

165 100

63 1.5 40.6 61.0#

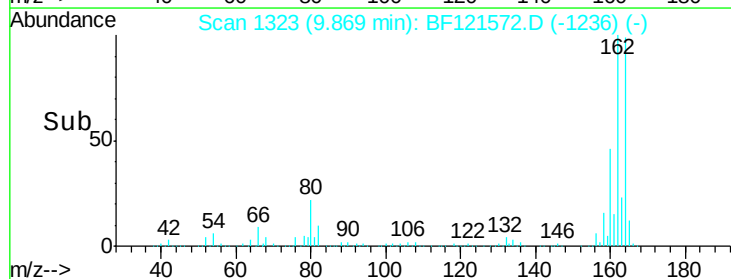
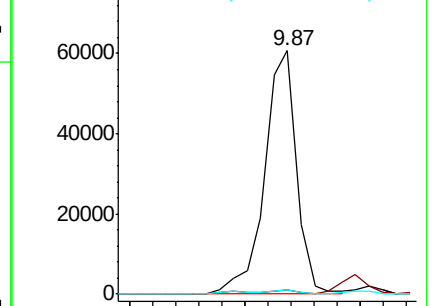
89 1.6 41.8 62.8#

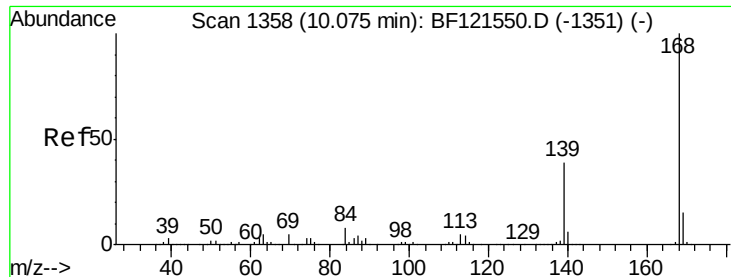


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

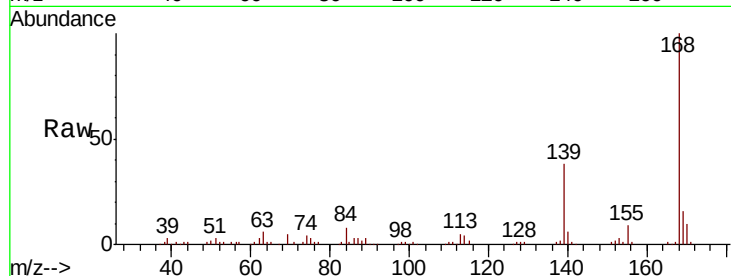




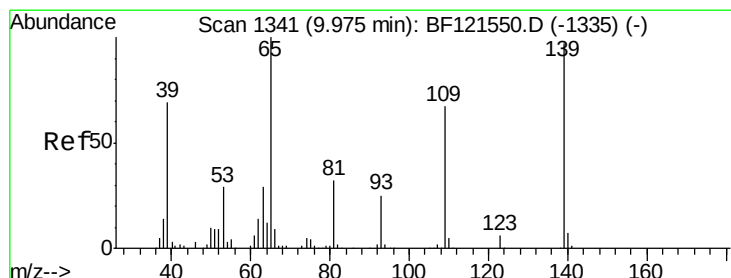
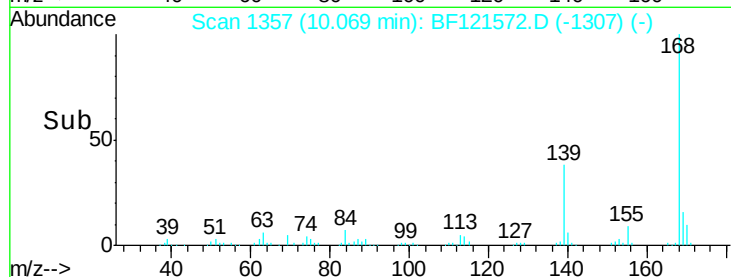
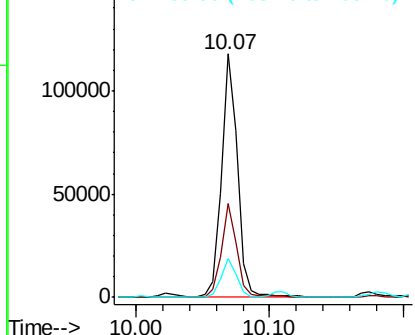
#55
Dibenzenofuran
Concen: 2.703 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

Tot Ion:168 Resp: 100462
Ion Ratio Lower Upper
168 100
139 38.3 31.4 47.0
169 15.7 11.9 17.9

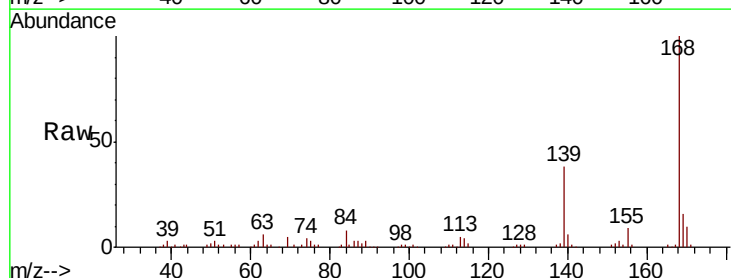


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

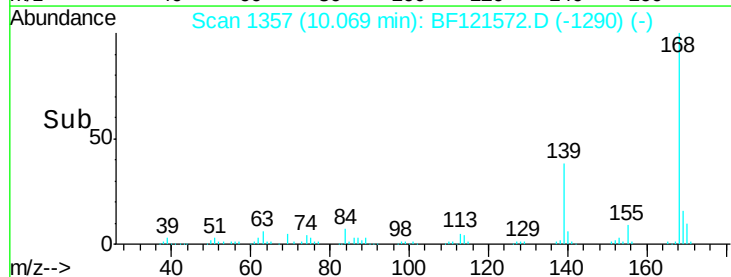
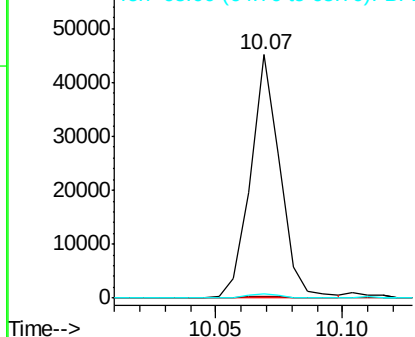


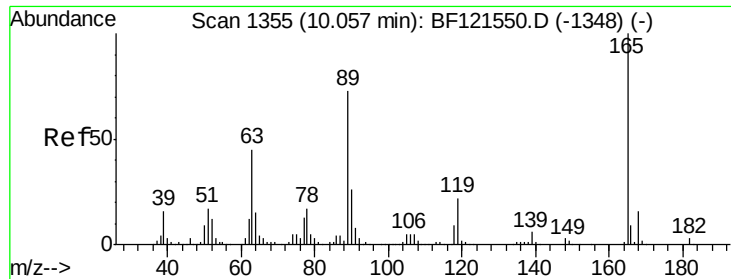
#56
4-Nitrophenol
Concen: 5.967 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.09 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Tgt Ion:139 Resp: 36683
Ion Ratio Lower Upper
139 100
109 0.9 48.8 88.8#
65 1.6 83.6 123.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

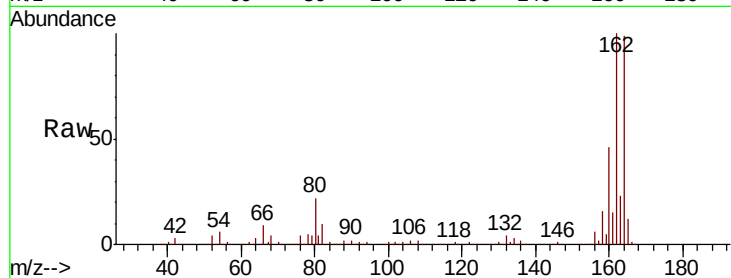




#57
2,4-Dinitrotoluene
Concen: 7.013 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.6	58.2	87.4#
182	0.0	2.2	3.2#

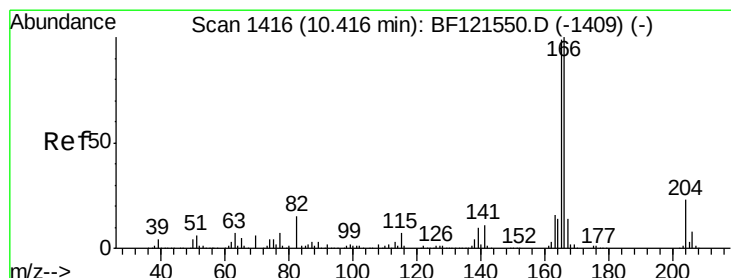
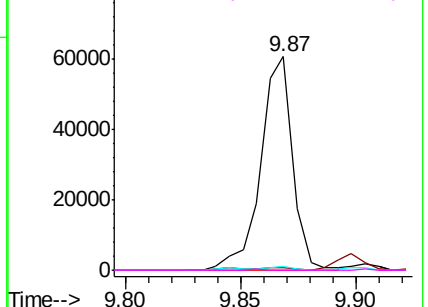
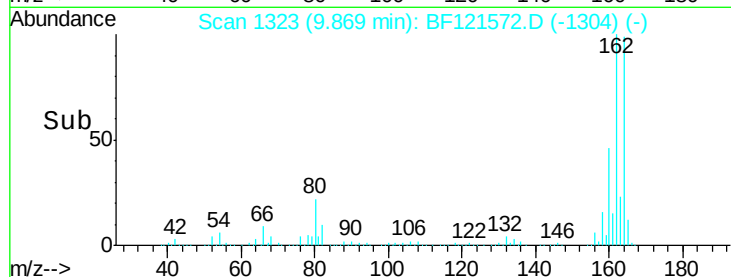


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

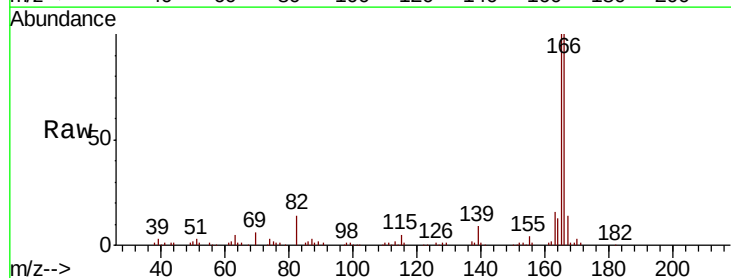
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 4.082 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

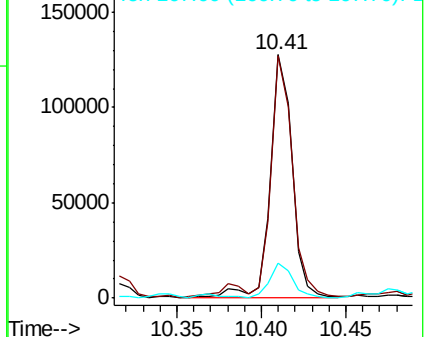
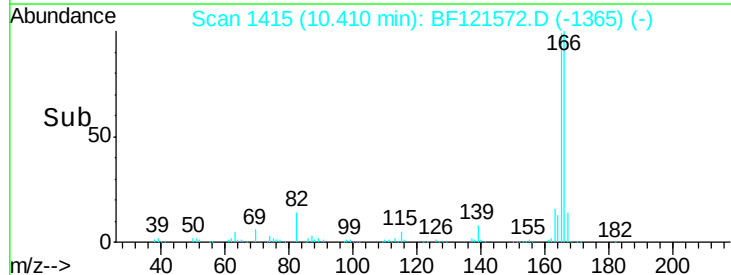
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.4
167	14.3	11.0	16.6

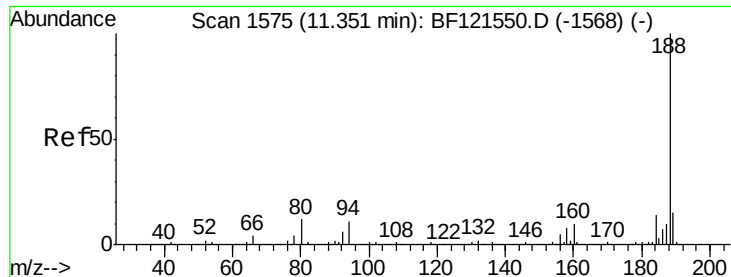


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

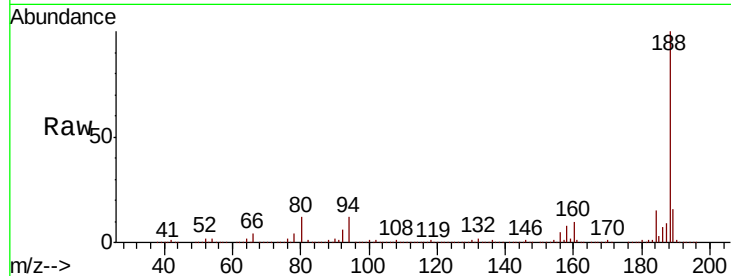




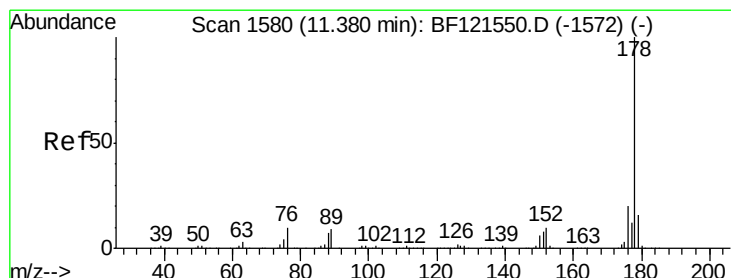
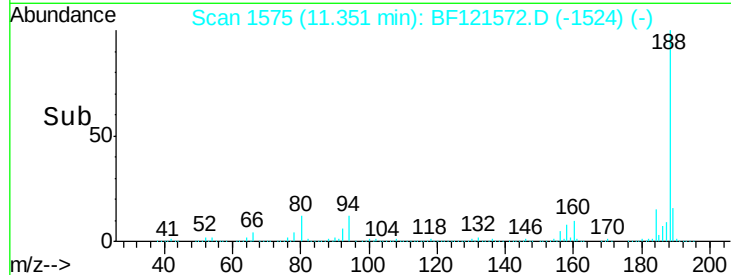
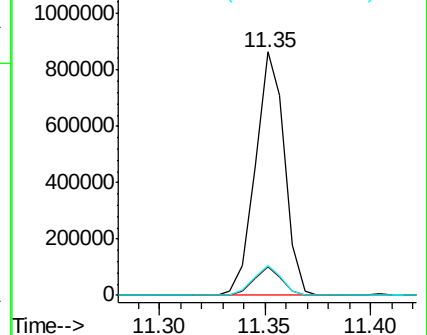
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF121572.D
 Acq: 15 Sep 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 B19-4-6DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.7	13.1
80	12.2	9.3	13.9

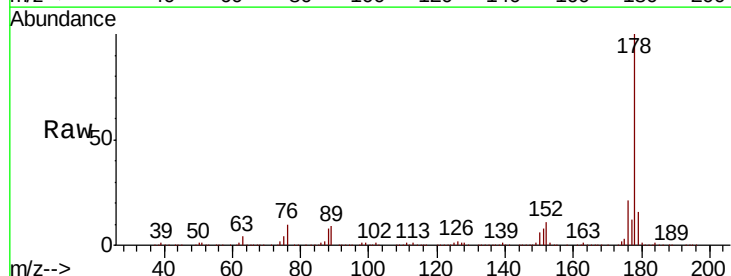


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

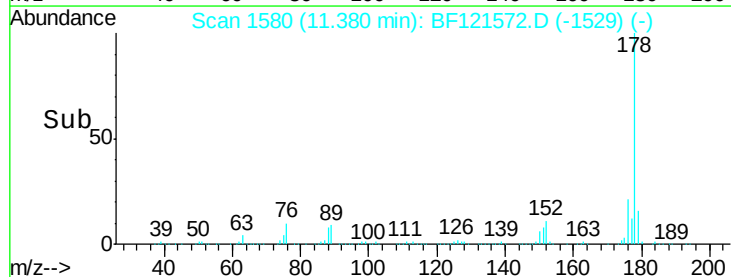
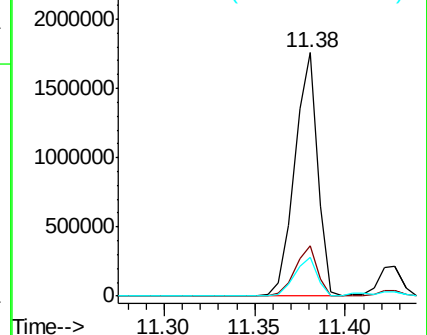


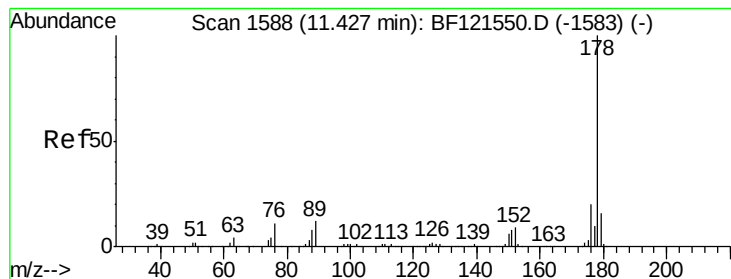
#71
 Phenanthrene
 Concen: 34.560 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF121572.D
 Acq: 15 Sep 2020 12:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.0	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: 4.230 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

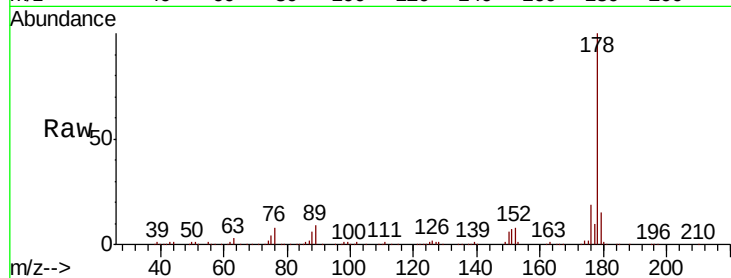
Tot Ion:178 Resp: 197728

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

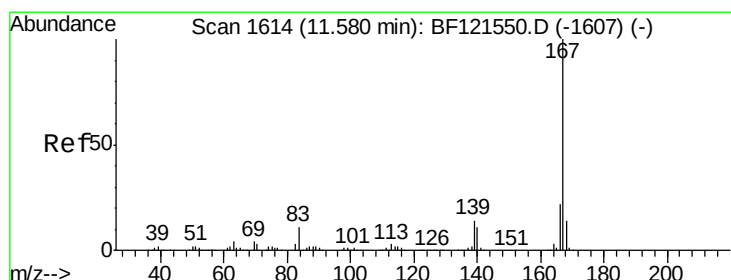
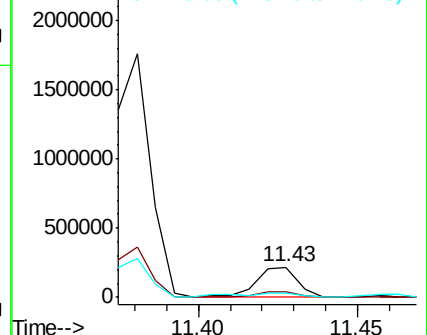
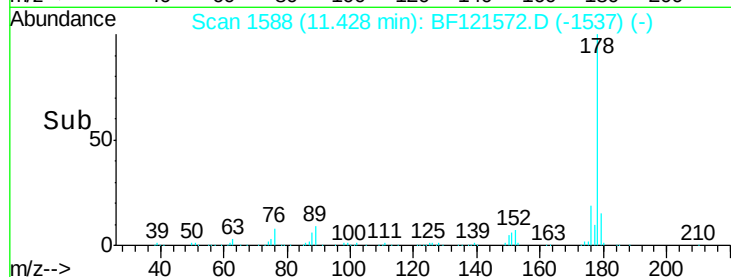
179 15.5 12.8 19.2



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: 3.419 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

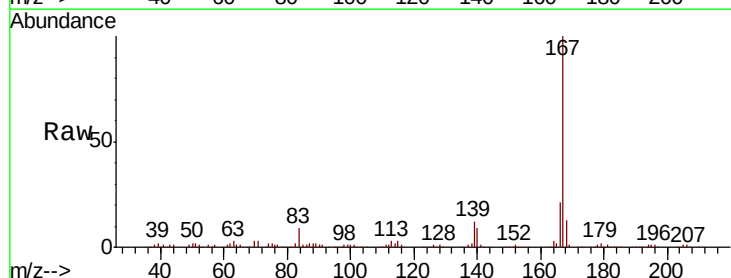
Tgt Ion:167 Resp: 144202

Ion Ratio Lower Upper

167 100

166 21.4 17.9 26.9

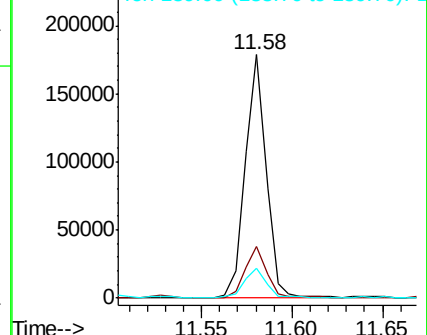
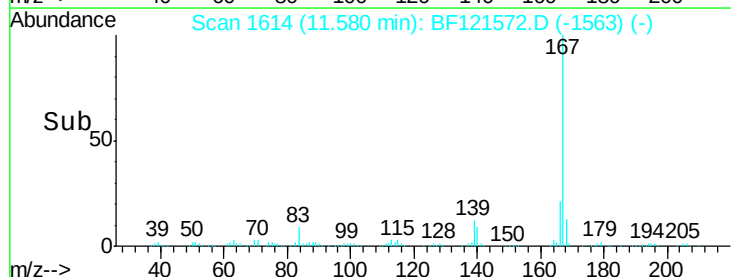
139 12.2 11.2 16.8

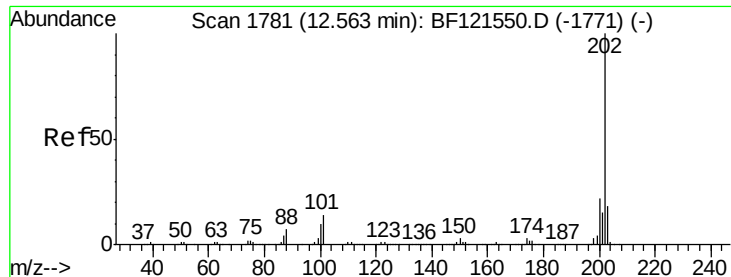


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 37.735 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

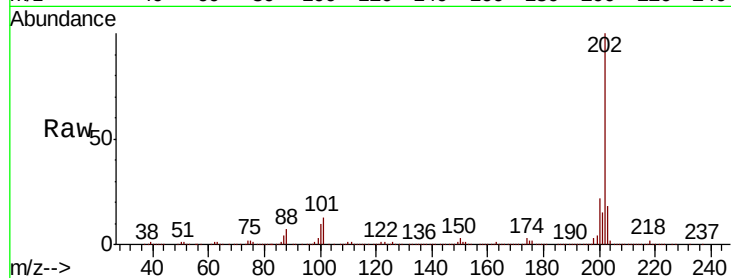
Tot Ion:202 Resp: 1824499

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.0

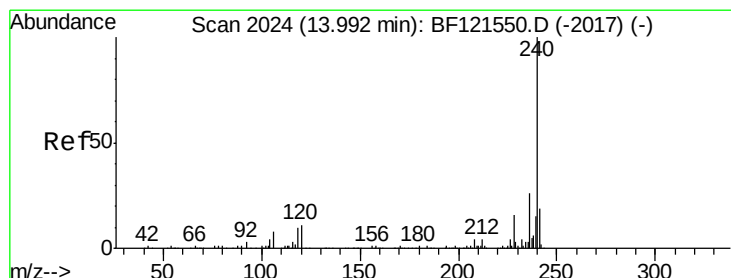
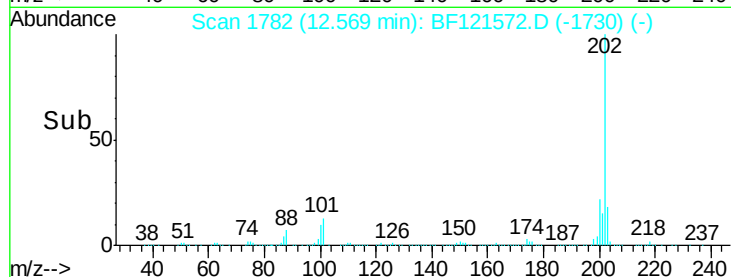
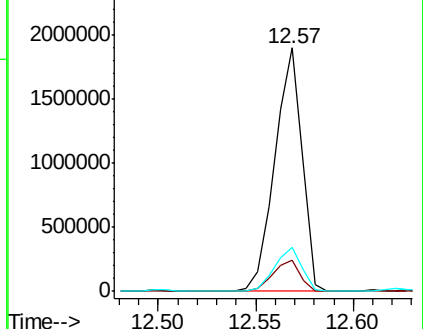
203 18.2 0.0 38.2



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: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

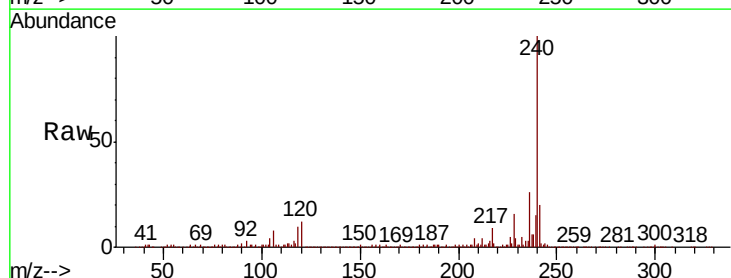
Tgt Ion:240 Resp: 681190

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

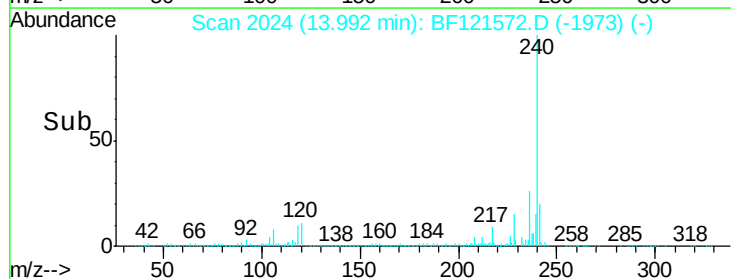
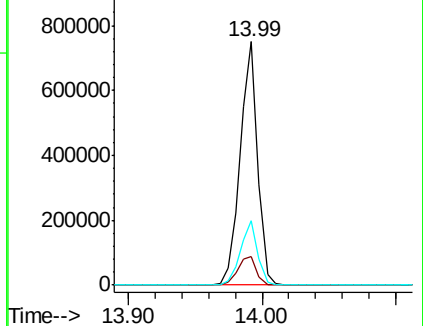
236 26.3 20.5 30.7

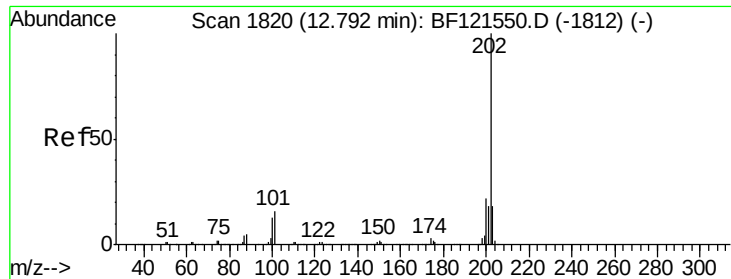


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

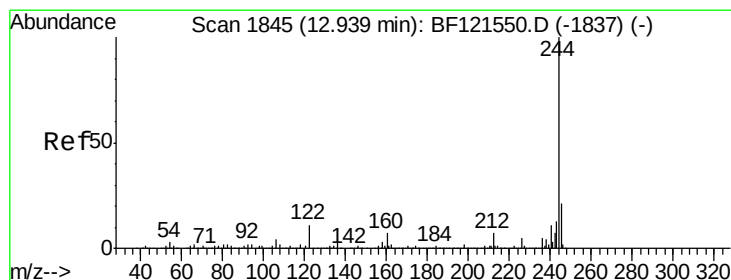
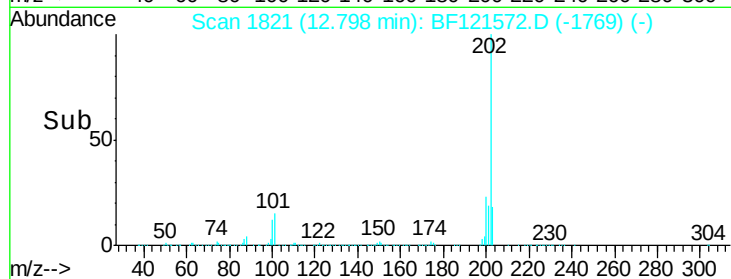
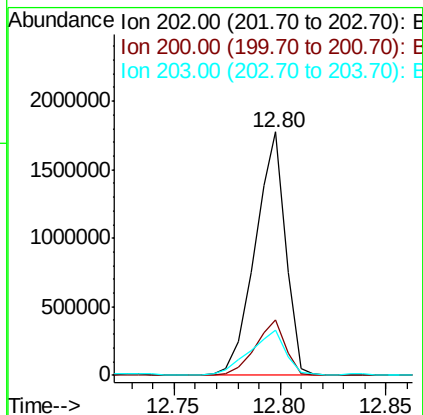
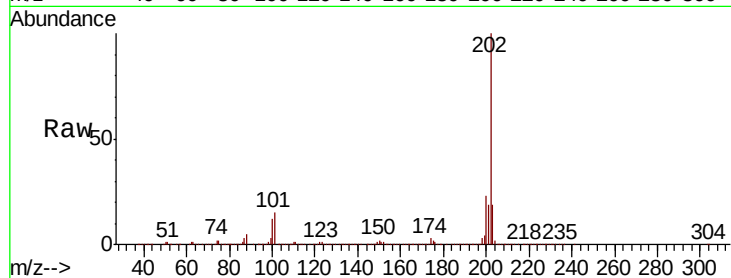




#78
Pvrene
Concen: 35.565 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

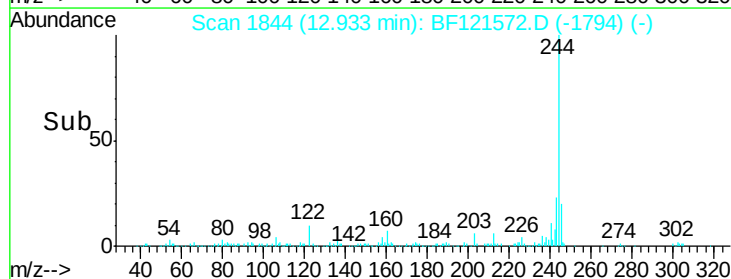
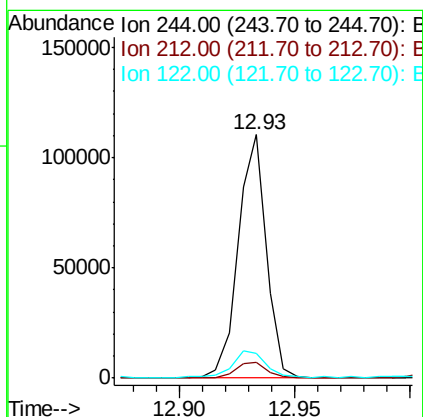
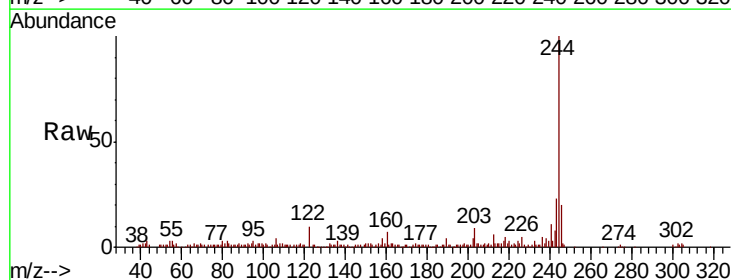
Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

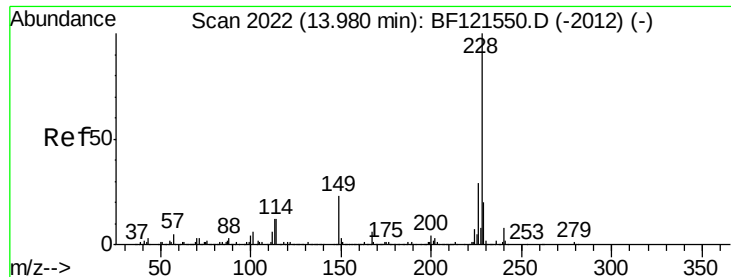
Tot Ion:202 Resp: 1770067
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.8
203 18.5 14.6 22.0



#79
Terphenyl-d14
Concen: 2.793 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Tgt Ion:244 Resp: 93919
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 10.4 8.7 13.1

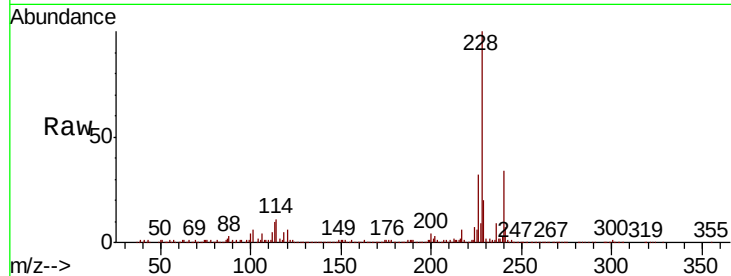




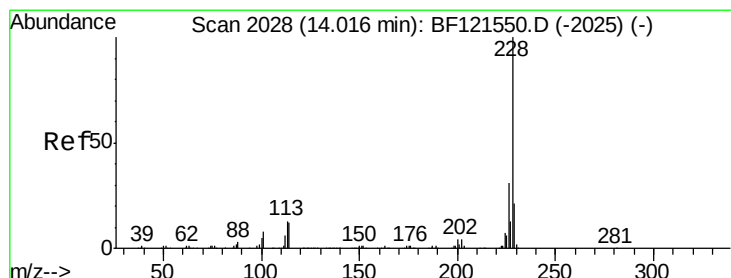
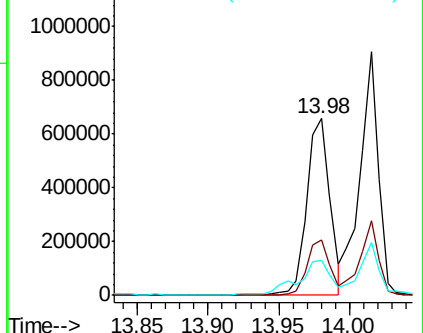
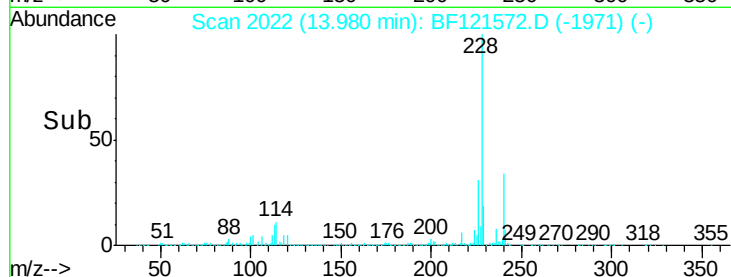
#81
Benzo(a)anthracene
Concen: 17.263 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

Tot Ion:228 Resp: 743970
Ion Ratio Lower Upper
228 100
226 31.6 22.9 34.3
229 20.2 16.3 24.5

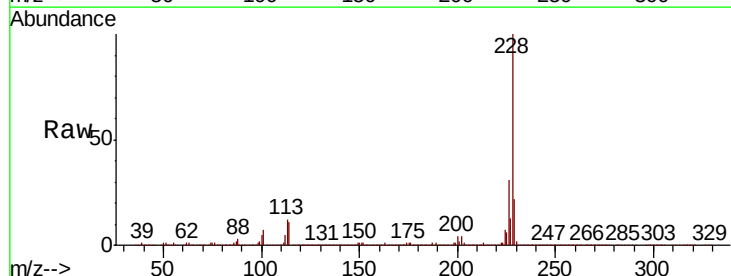


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

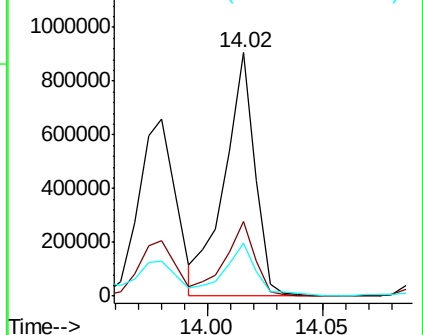
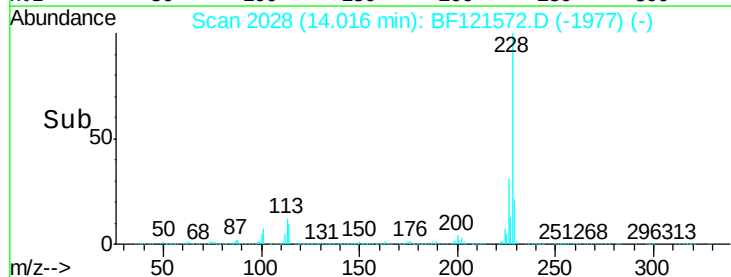


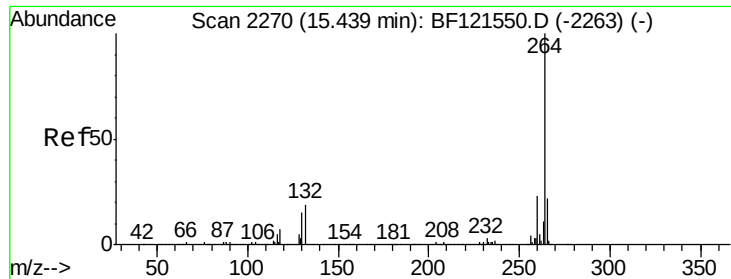
#83
Chrysene
Concen: 19.052 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Tgt Ion:228 Resp: 831425
Ion Ratio Lower Upper
228 100
226 30.9 25.1 37.7
229 21.8 16.6 25.0



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

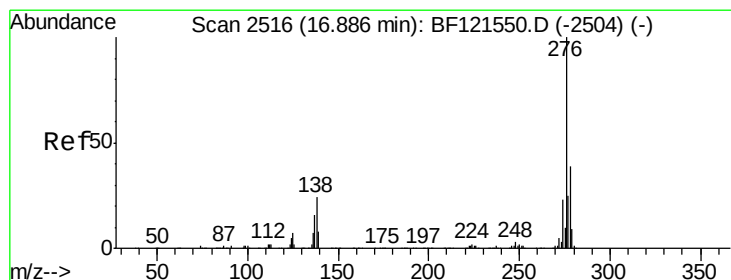
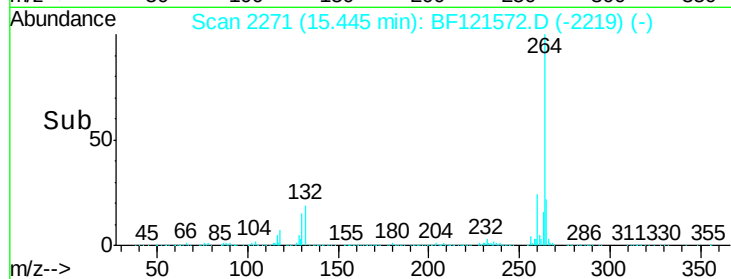
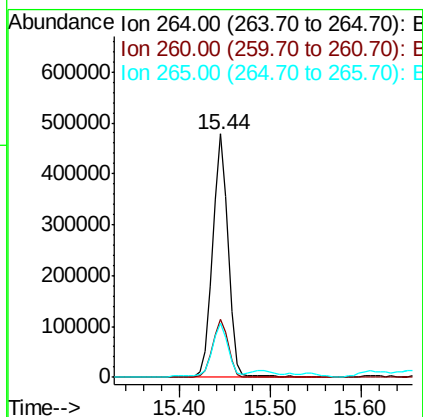
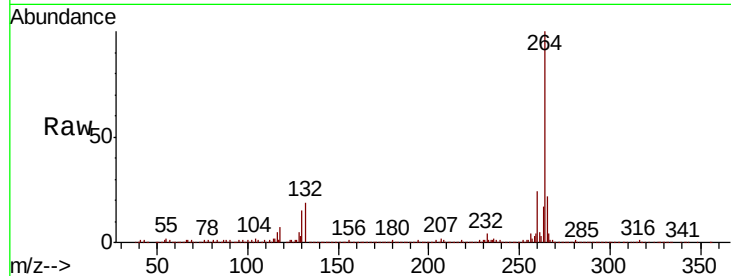




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

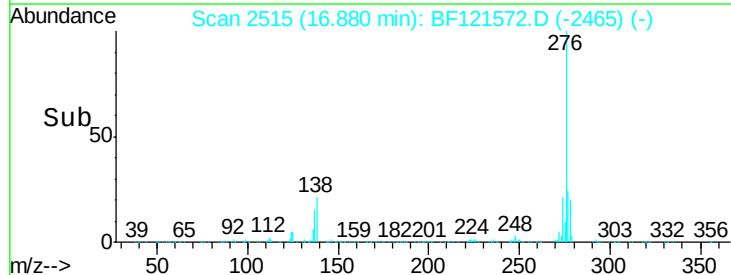
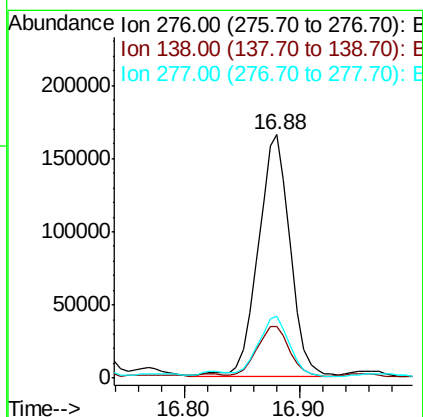
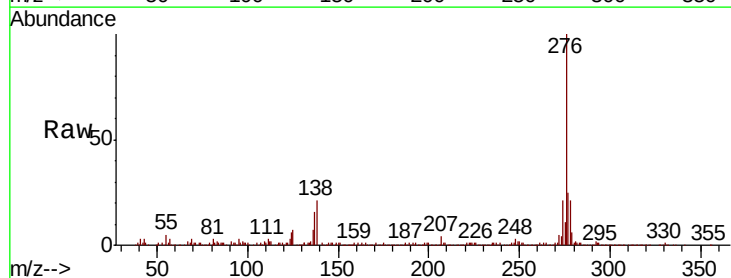
Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

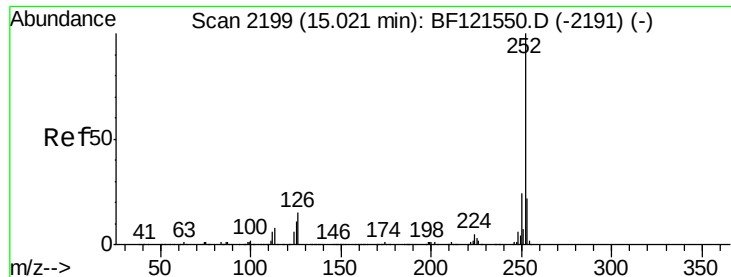
Tot Ion:264 Resp: 566949
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.1 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.622 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Tgt Ion:276 Resp: 318349
Ion Ratio Lower Upper
276 100
138 21.3 20.6 31.0
277 24.4 20.2 30.4

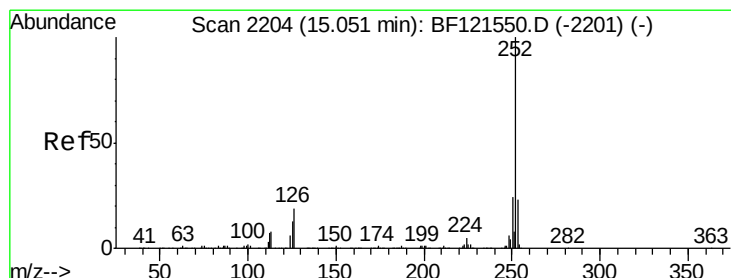
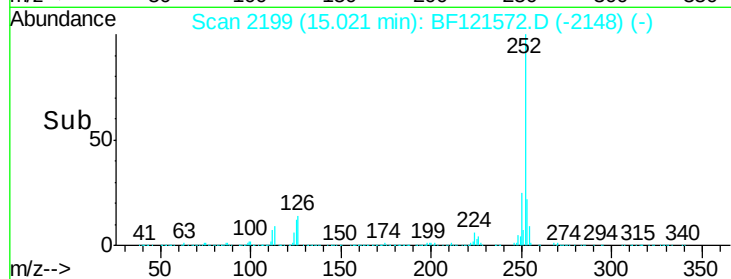
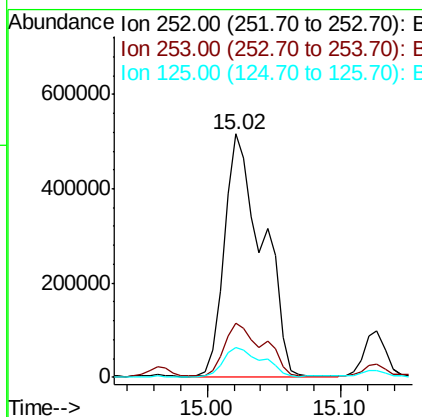
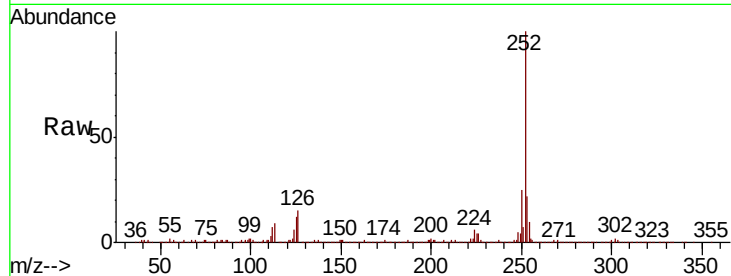




#88
Benzo(b)fluoranthene
Concen: 26.939 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

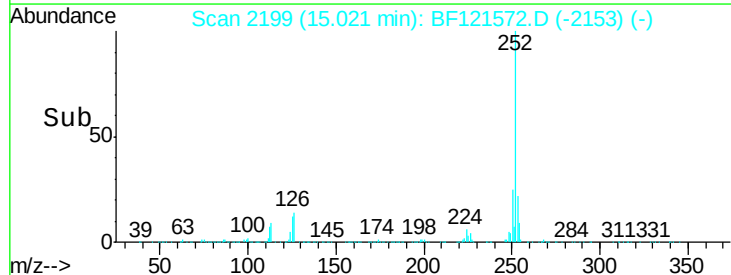
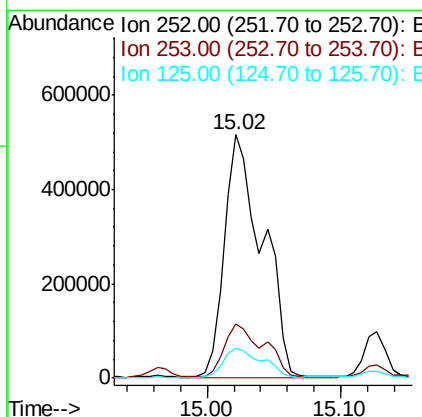
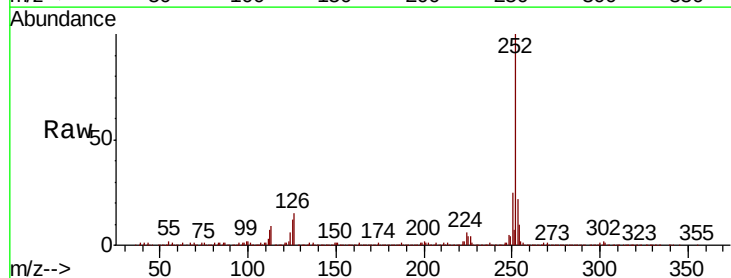
Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

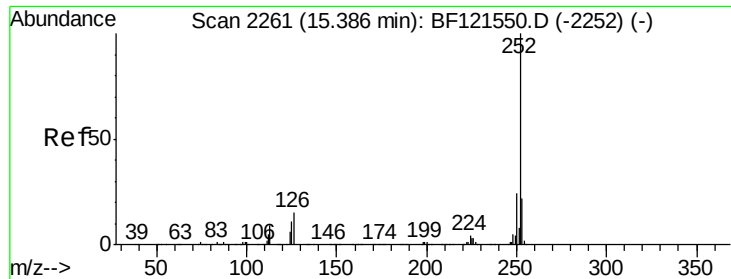
Tot Ion:252 Resp: 1021007
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.0 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 29.417 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Tgt Ion:252 Resp: 1021007
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.0 9.8 14.6

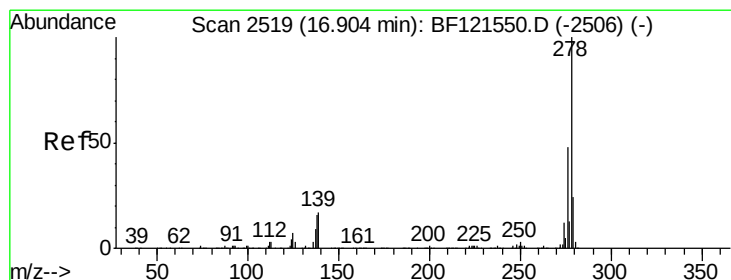
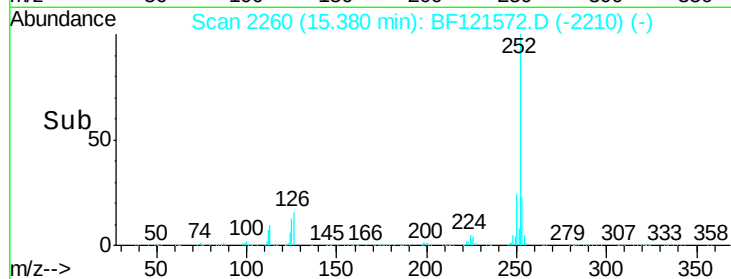
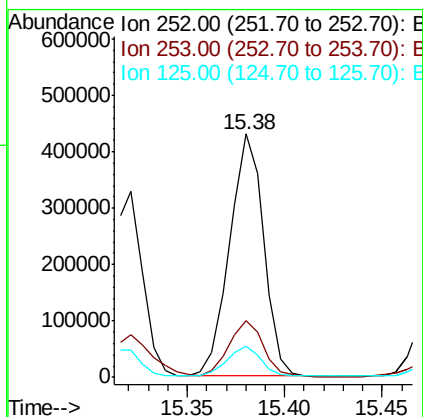
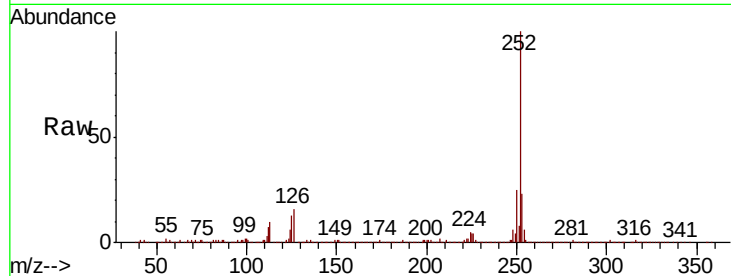




#90
Benzo(a)pyrene
Concen: 16.132 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

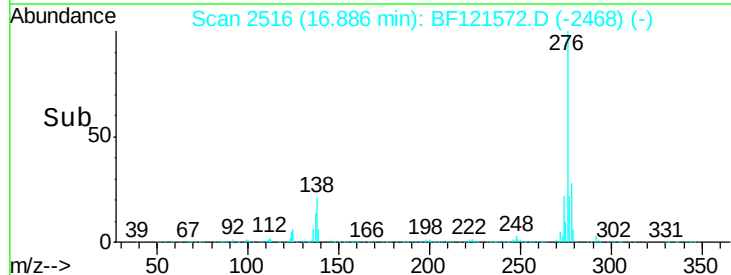
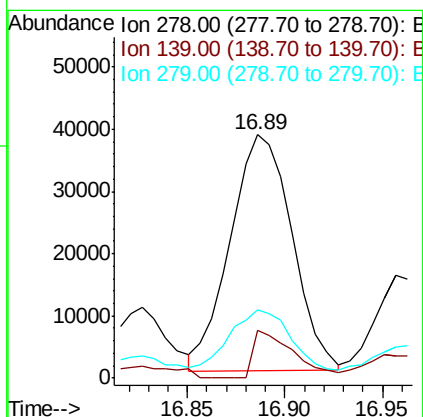
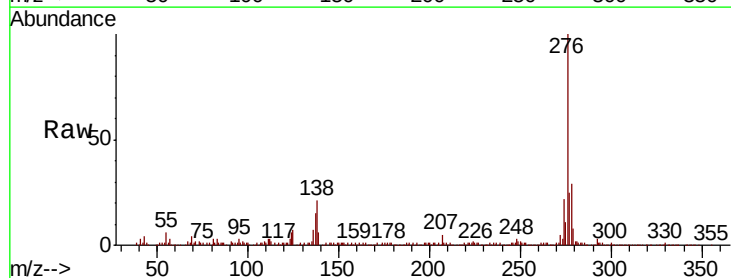
Instrument :
BNA_F
ClientSampleId :
B19-4-6DL

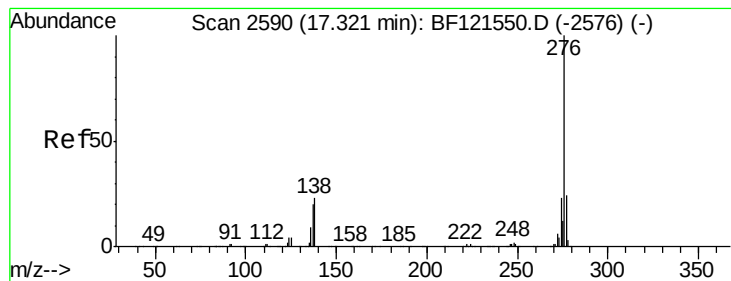
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	13.0	9.0	13.4



#91
Dibenzo(a,h)anthracene
Concen: 2.709 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BF121572.D
Acq: 15 Sep 2020 12:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.9	20.9
279	27.9	19.2	28.8





#92

Benzo(a,h,i)perylene

Concen: 10.121 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BF121572.D

Acq: 15 Sep 2020 12:01

Instrument :

BNA_F

ClientSampleId :

B19-4-6DL

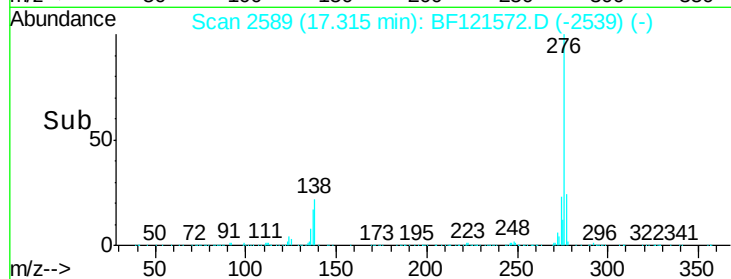
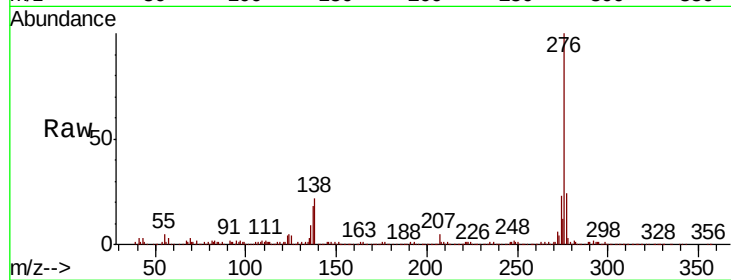
Tot Ion: 276 Resp: 305760

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 22.3 18.7 28.1



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

