

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
 Data File : BF121333.D
 Acq On : 19 Aug 2020 22:33
 Operator : JU/CG
 Sample : PB131036BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BL

Quant Time: Aug 20 05:38:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158768	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	613374	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	324389	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	646209	20.00	ng	0.00
76) Chrysene-d12	13.84	240	556825	20.00	ng	0.00
86) Perylene-d12	15.24	264	522021	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	977862	100.99	ng	0.01
7) Phenol-d6	6.33	99	1203715	97.38	ng	0.00
23) Nitrobenzene-d5	7.26	82	809170	74.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	363165	96.07	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1390615	81.81	ng	0.00
79) Terphenyl-d14	12.80	244	1510891	53.02	ng	0.00

Target Compounds

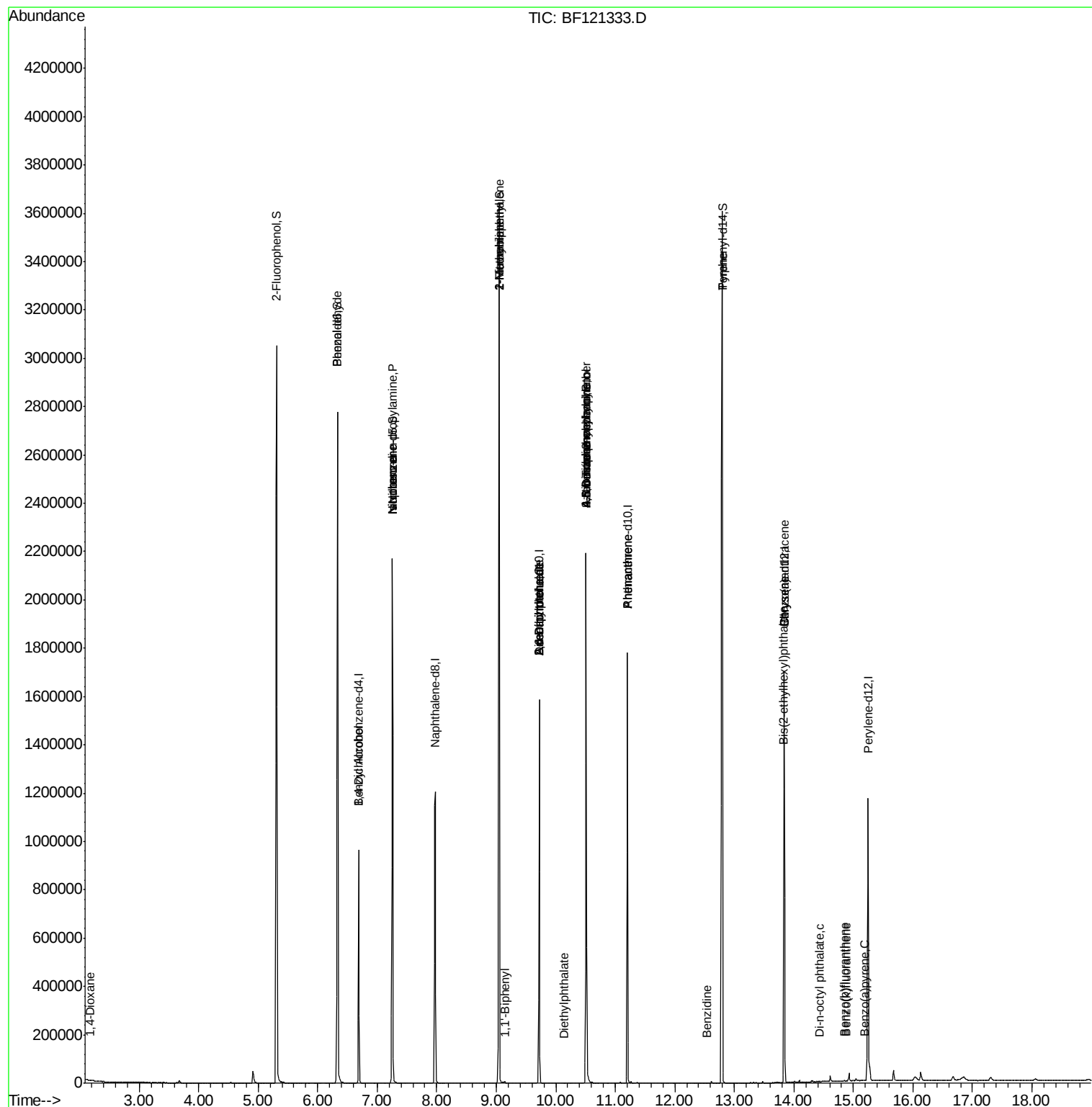
						Qvalue
2) 1,4-Dioxane	2.19	88	130	0.030	ng	# 1
9) Benzaldehyde	6.33	77	1581	0.227	ng	# 1
15) Benzyl Alcohol	6.69	79	3836	0.516	ng	# 30
19) n-Nitroso-di-n-propylamine	7.26	70	104983	15.792	ng	# 78
24) Nitrobenzene	7.26	77	2286	0.207	ng	# 35
25) Isophorone	7.26	82	802896	40.680	ng	# 65
38) 1-Methylnaphthalene	9.05	142	438	0.023	ng	# 30
46) 1,1'-Biphenyl	9.15	154	2916	0.120	ng	# 92
48) 2-Nitroaniline	9.05	65	2183	0.346	ng	# 1
50) Dimethylphthalate	9.72	163	70387	2.983	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	41469	8.228	ng	# 29
52) Acenaphthene	9.72	154	1150	0.064	ng	# 4
57) 2,4-Dinitrotoluene	9.72	165	41469	6.744	ng	# 25
58) Fluorene	10.51	166	13384	Below Cal		# 89
60) Diethylphthalate	10.15	149	109	0.005	ng	# 59
63) Azobenzene	10.51	77	1488	0.070	ng	# 14
65) 4,6-Dinitro-2-methylphenol	10.51	198	642	0.186	ng	# 1
66) n-Nitrosodiphenylamine	10.51	169	9411	0.472	ng	# 48
67) 4-Bromophenyl-phenvlether	10.52	248	20549	2.867	ng	# 1
71) Phenanthrene	11.20	178	115	0.003	ng	# 1
72) Anthracene	11.20	178	115	0.004	ng	# 1
77) Benzidine	12.55	184	649	0.042	ng	# 68
78) Pyrene	12.79	202	4689	0.112	ng	# 73
81) Benzo(a)anthracene	13.84	228	2205	0.064	ng	# 57
83) Chrysene	13.84	228	2205	0.062	ng	# 54
84) Bis(2-ethylhexyl)phthalate	13.83	149	124	0.006	ng	# 53
85) Di-n-octyl phthalate	14.43	149	126	0.003	ng	# 78
88) Benzo(b)fluoranthene	14.85	252	290	0.009	ng	# 59
89) Benzo(k)fluoranthene	14.88	252	264	0.009	ng	# 59
90) Benzo(a)pyrene	15.19	252	111	0.004	ng	# 59

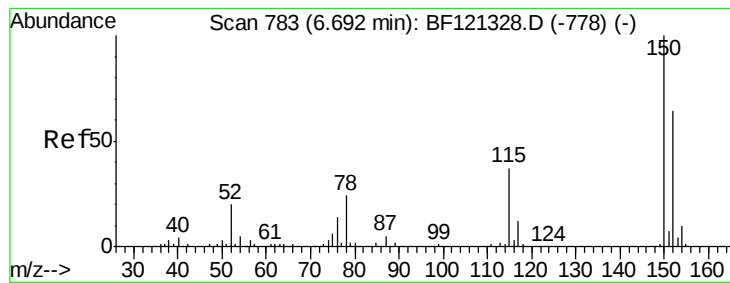
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

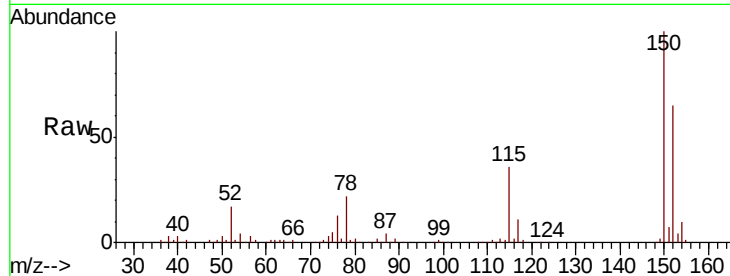
Tot Ion:152 Resp: 158768

Ion Ratio Lower Upper

152 100

150 154.3 124.8 187.2

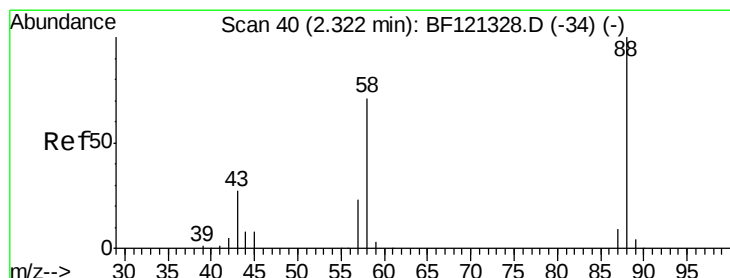
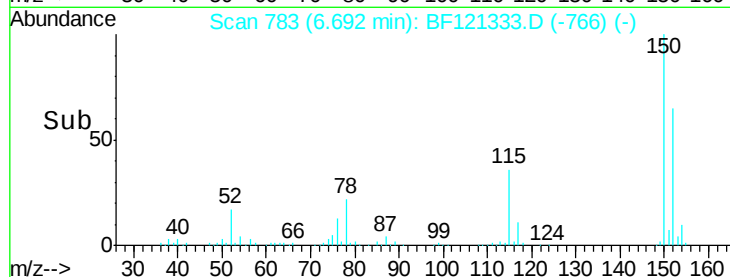
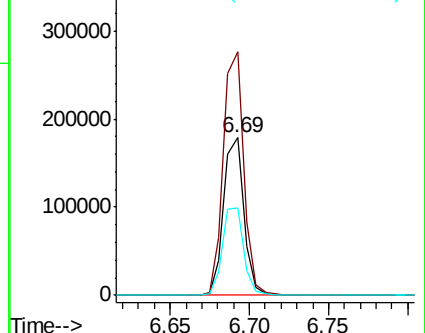
115 55.7 46.1 69.1



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



#2

1,4-Dioxane

Concen: 0.030 ng

RT: 2.19 min Scan# 17

Delta R.T. -0.14 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

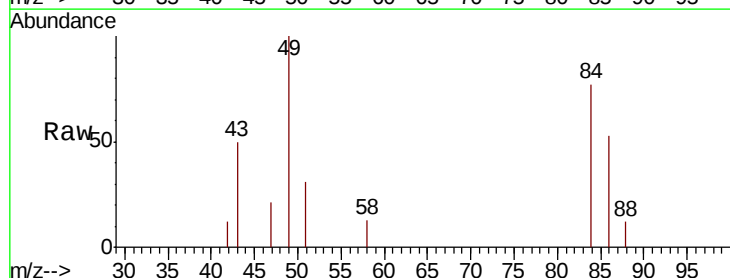
Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

58 732.3 58.5 87.7#

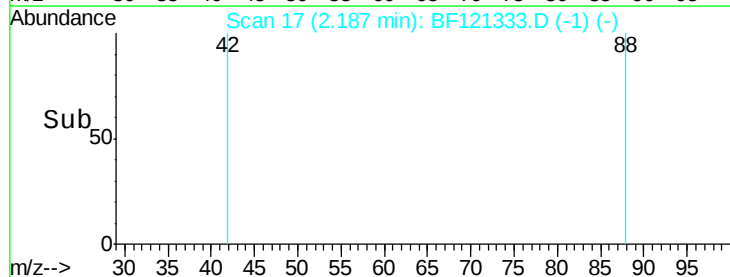
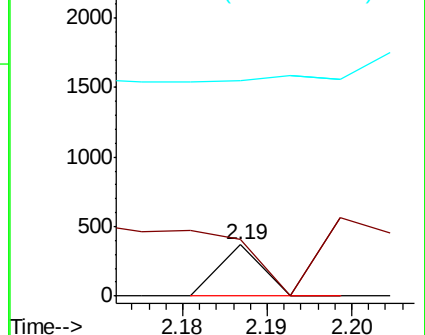
43 0.0 21.8 32.8#

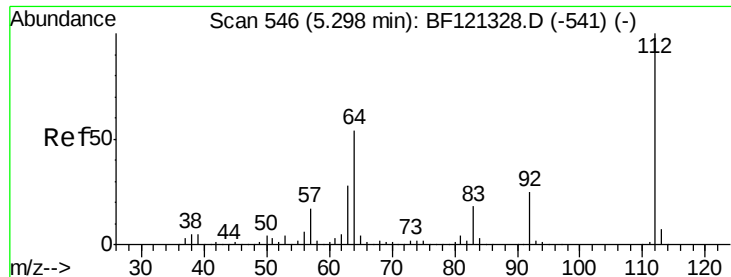


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

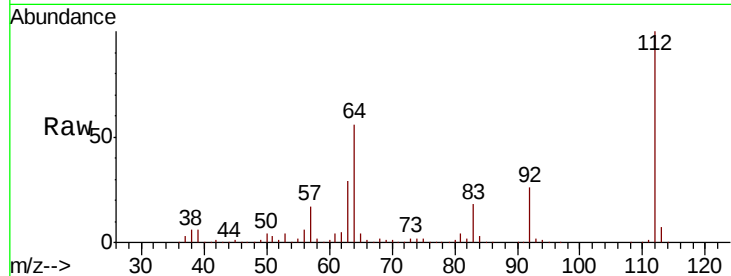




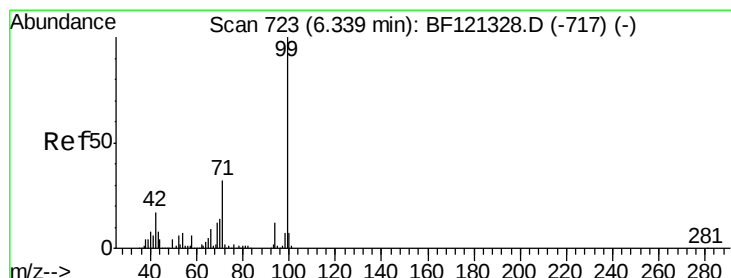
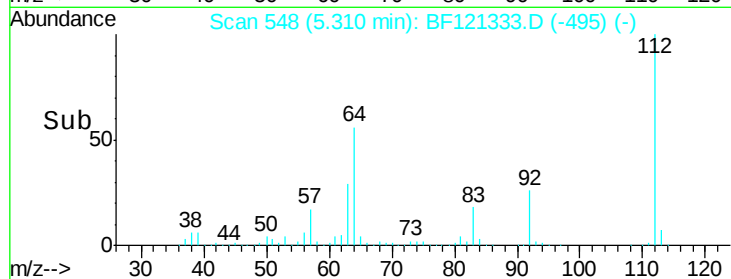
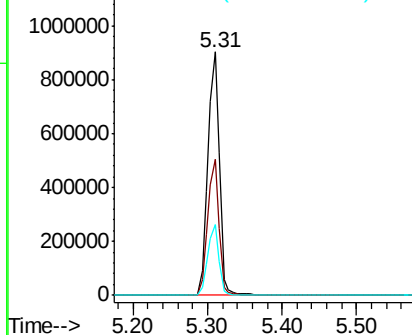
#5
 2-Fluorophenol
 Concen: 100.992 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121333.D
 Acq: 19 Aug 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BL

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.5	65.3
63	29.2	22.0	33.0

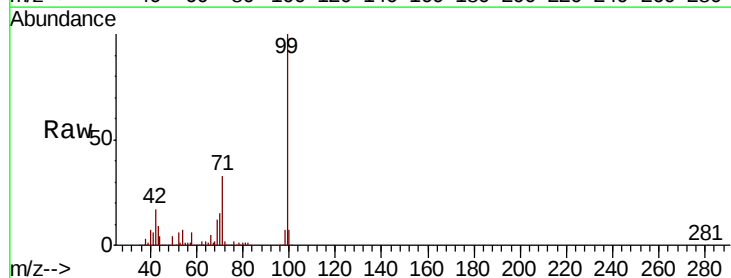


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

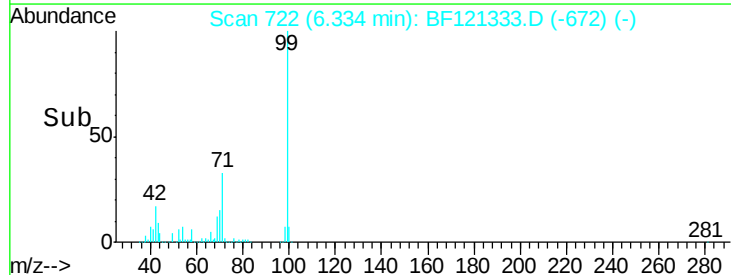
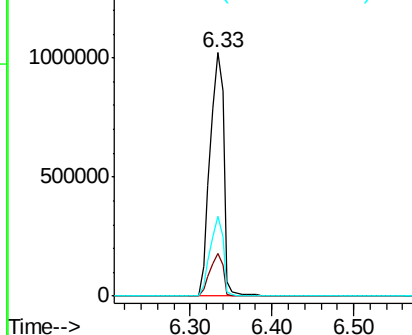


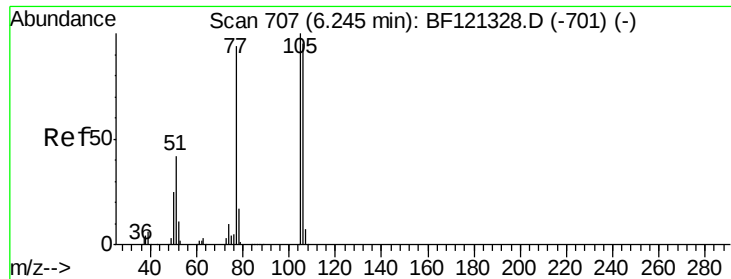
#7
 Phenol-d6
 Concen: 97.383 ng
 RT: 6.33 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF121333.D
 Acq: 19 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.8	25.2	37.8



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





#9

Benzaldehyde

Concen: 0.227 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.09 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

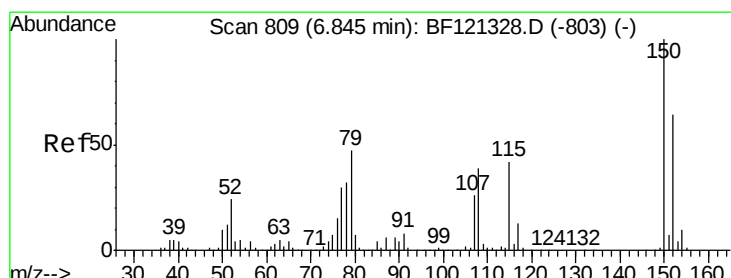
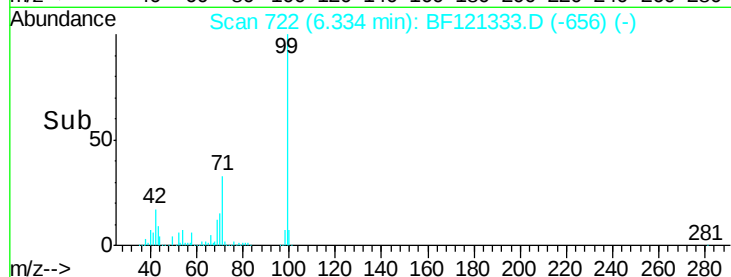
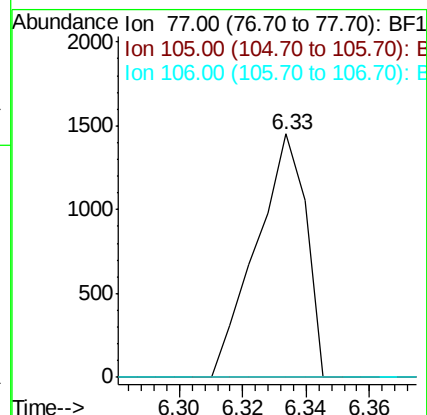
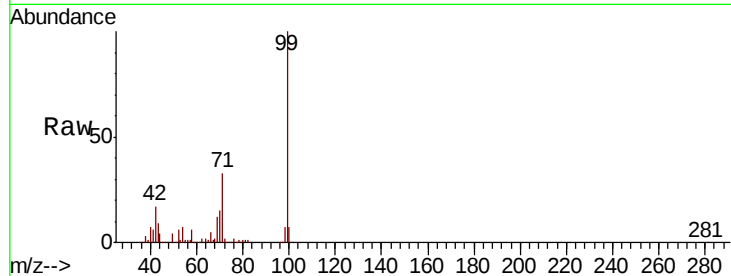
Tot Ion: 77 Resp: 1581

Ion Ratio Lower Upper

77 100

105 0.0 86.3 126.3#

106 0.0 81.2 121.2#



#15

Benzyl Alcohol

Concen: 0.516 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.16 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

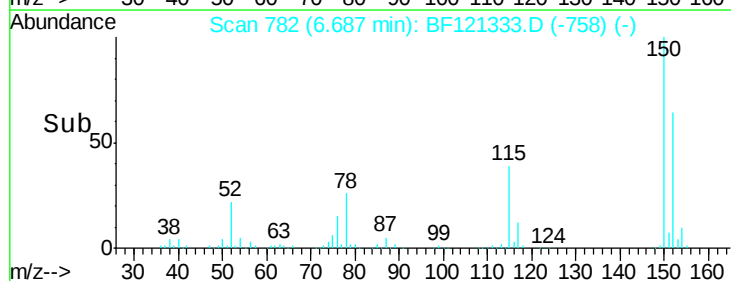
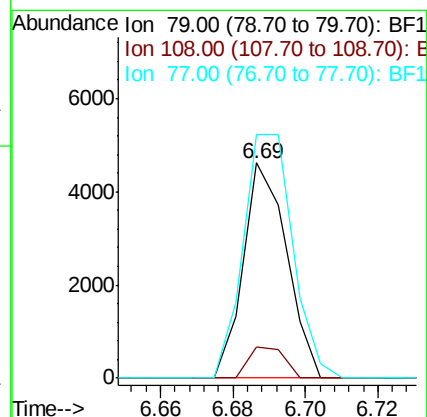
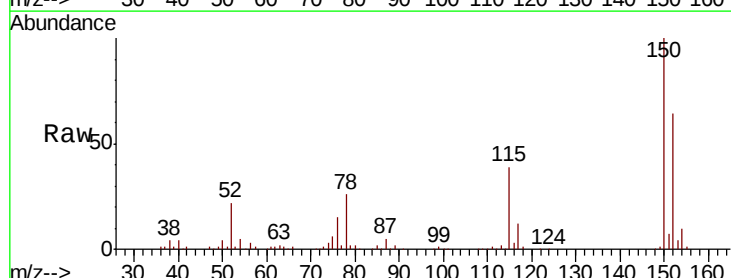
Tgt Ion: 79 Resp: 3836

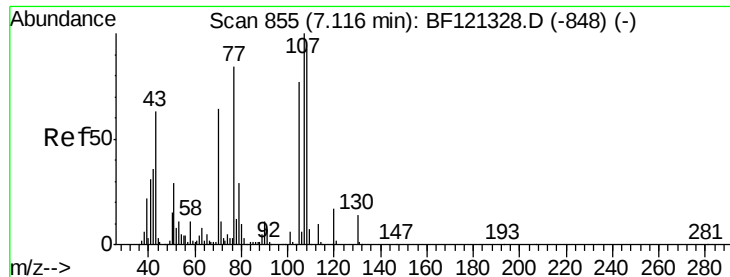
Ion Ratio Lower Upper

79 100

108 14.3 65.2 97.8#

77 113.3 51.4 77.0#

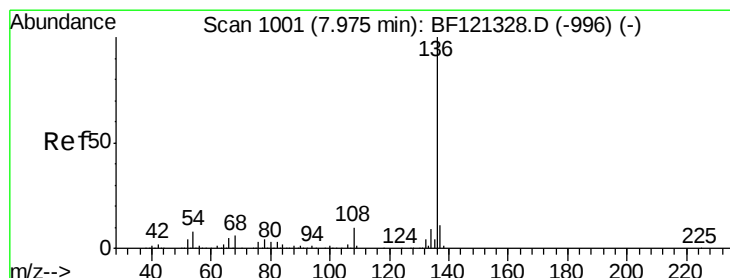
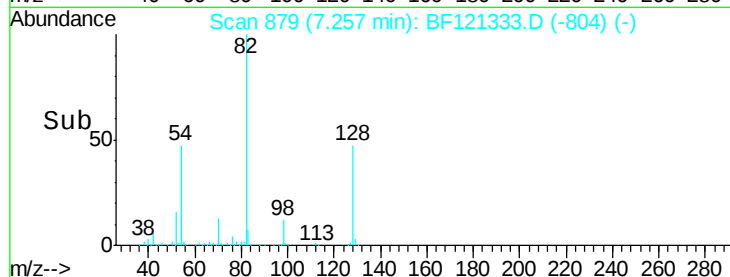
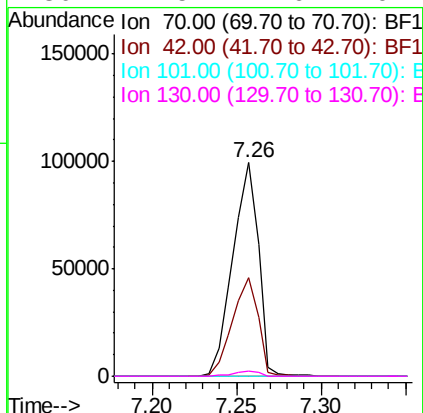
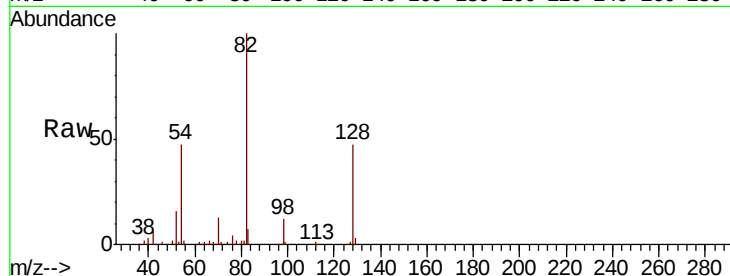




#19
n-Nitroso-di-n-propylamine
Concen: 15.792 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

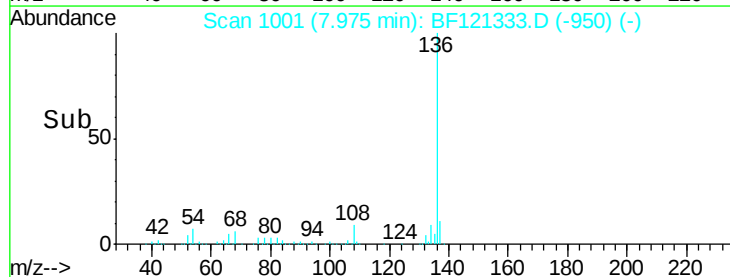
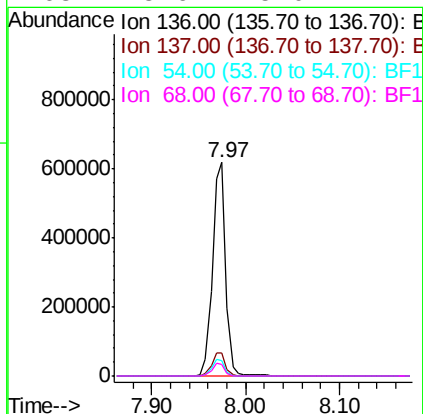
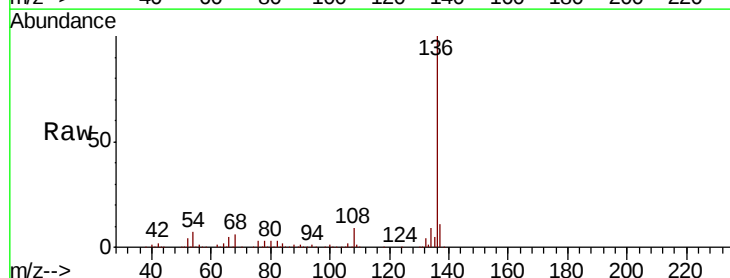
Instrument :
BNA_F
ClientSampleId :
PB131036BL

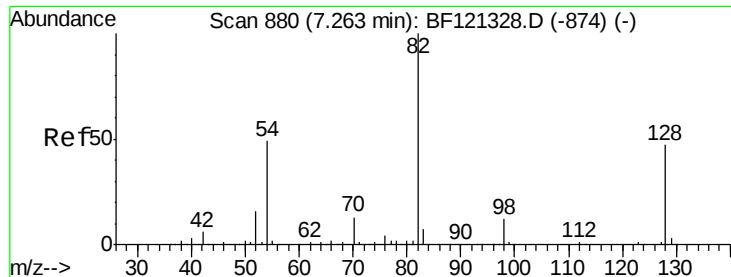
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	45.2	67.8
101	0.0	7.7	11.5#
130	2.5	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.1	9.1
68	5.6	5.0	7.4

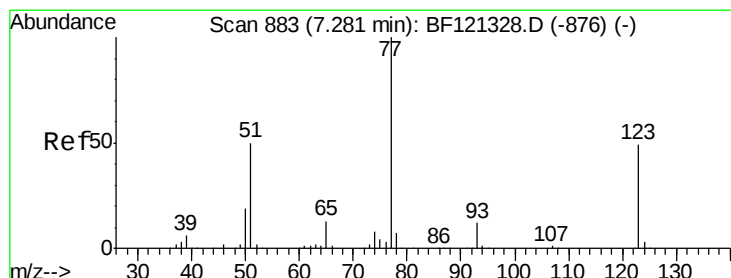
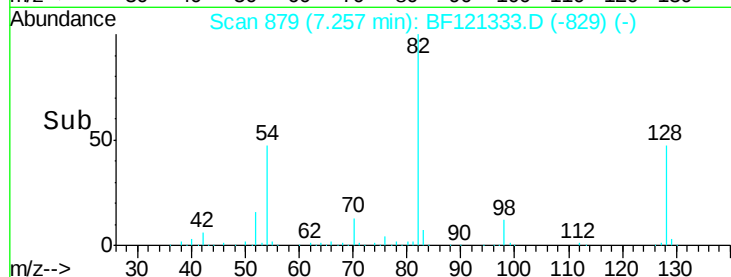
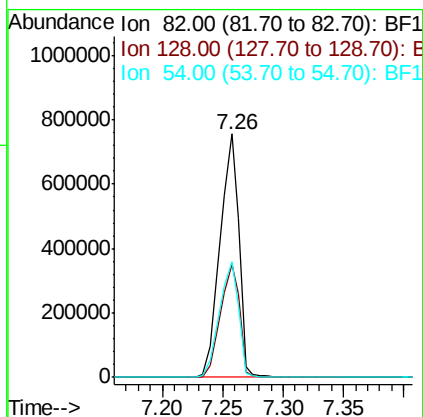
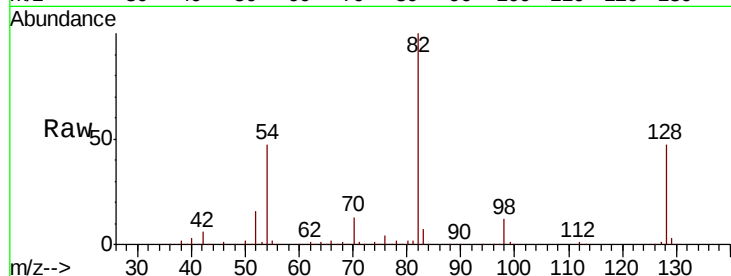




#23
Nitrobenzene-d5
Concen: 74.610 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

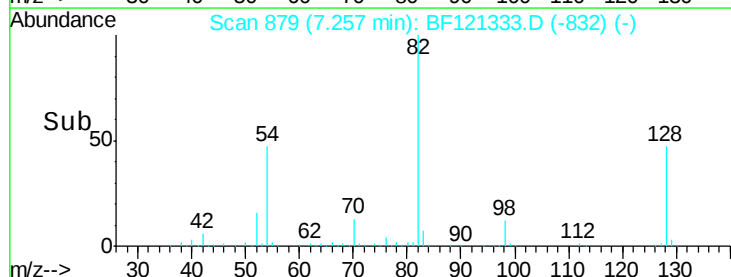
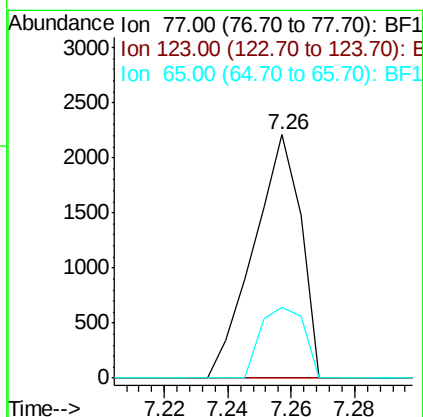
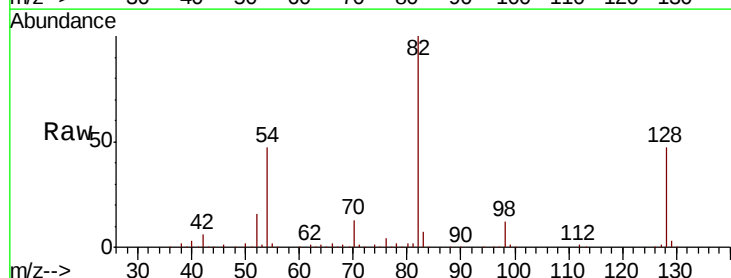
Instrument :
BNA_F
ClientSampleID :
PB131036BL

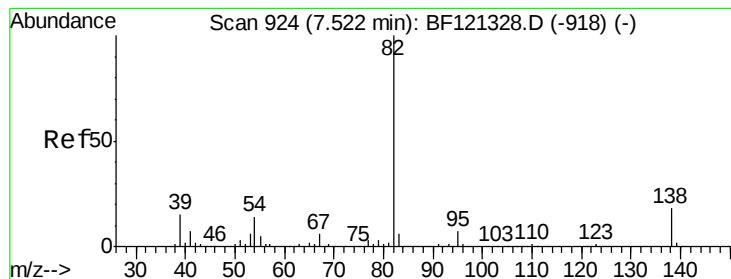
Tot Ion: 82 Resp: 809170
Ion Ratio Lower Upper
82 100
128 46.6 37.9 56.9
54 47.5 39.0 58.4



#24
Nitrobenzene
Concen: 0.207 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion: 77 Resp: 2286
Ion Ratio Lower Upper
77 100
123 0.0 39.2 58.8#
65 29.2 10.6 15.8#





#25

Isophorone

Concen: 40.680 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

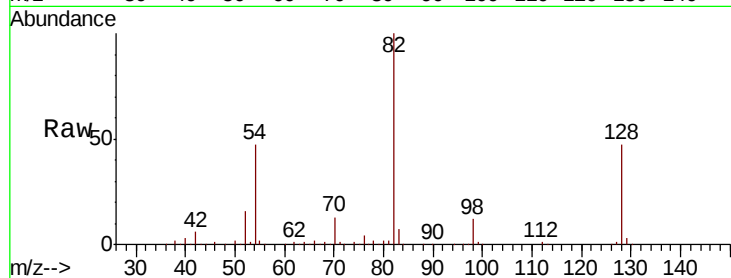
Tot Ion: 82 Resp: 802896

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

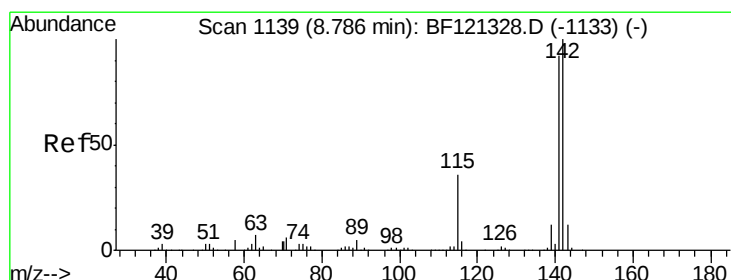
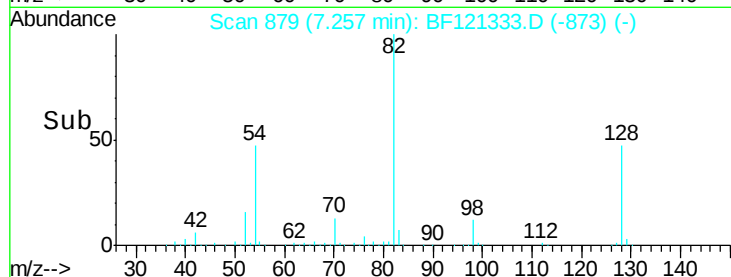
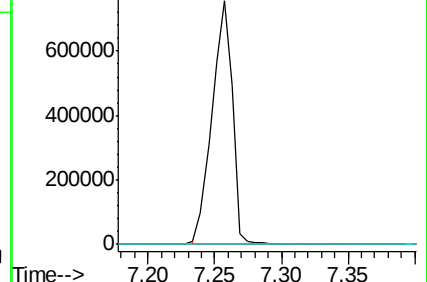
138 0.0 14.6 21.8#



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



#38

1-Methylnaphthalene

Concen: 0.023 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.26 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

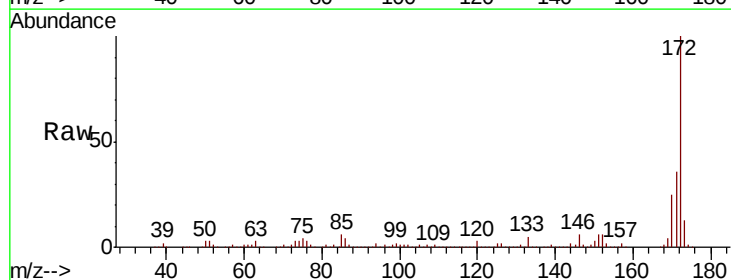
Tgt Ion: 142 Resp: 438

Ion Ratio Lower Upper

142 100

141 52.6 73.6 110.4#

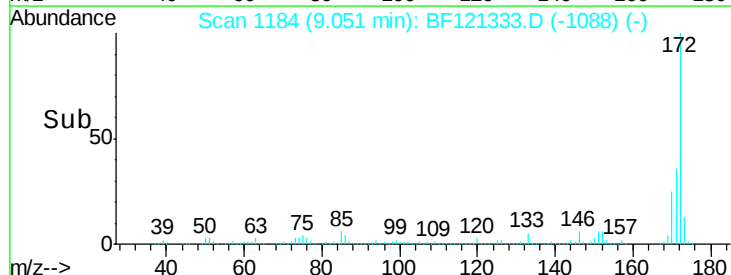
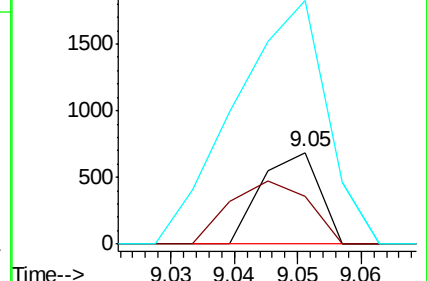
116 265.4 3.0 4.4#

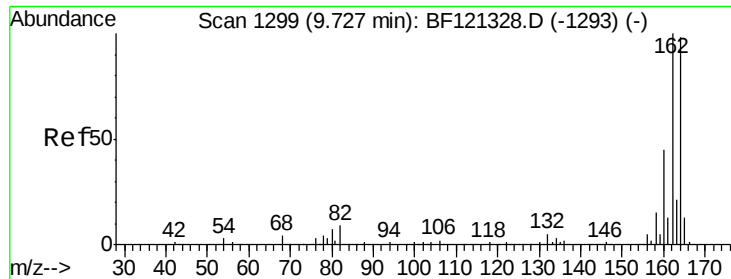


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

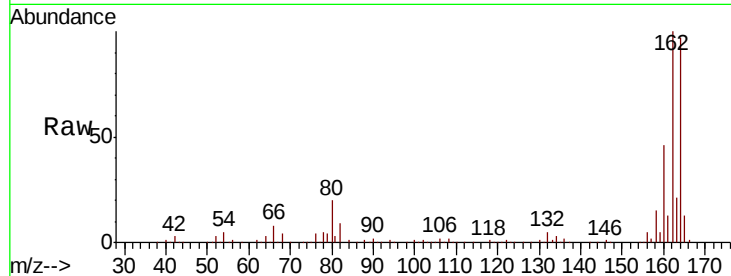




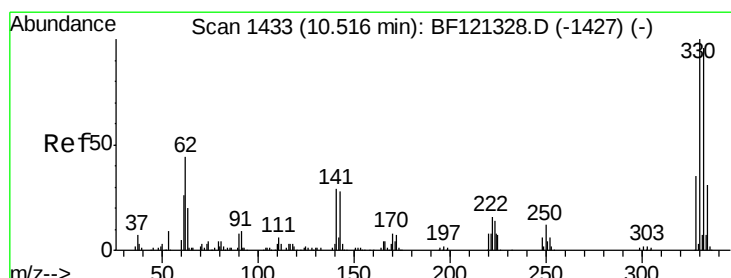
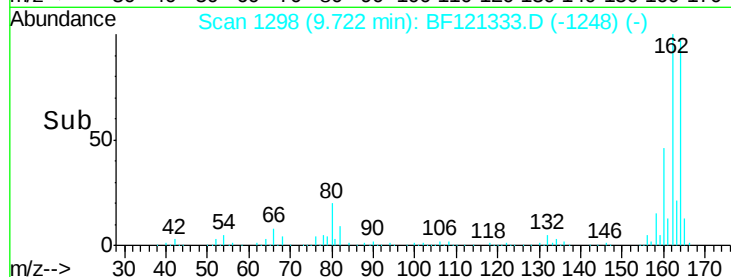
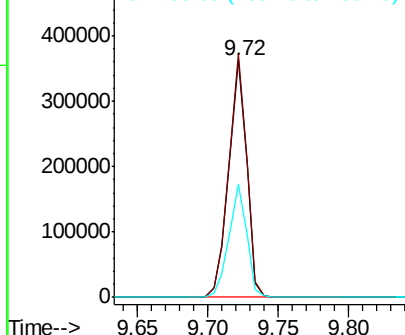
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Instrument :
BNA_F
ClientSampleId :
PB131036BL

Tot Ion:164 Resp: 324389
Ion Ratio Lower Upper
164 100
162 102.7 81.7 122.5
160 47.5 37.0 55.4

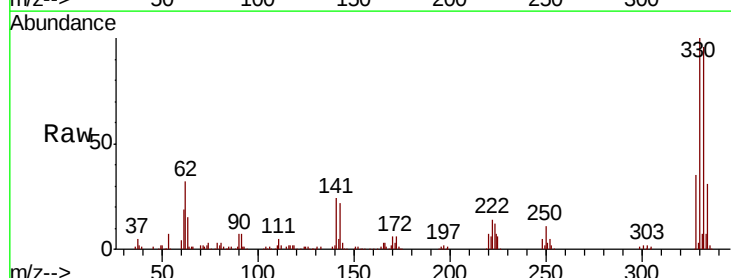


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

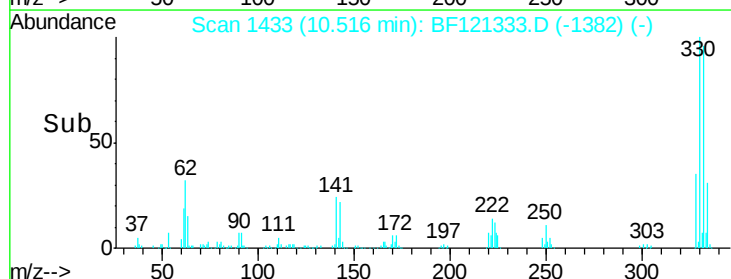
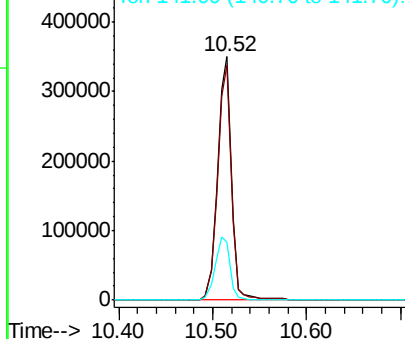


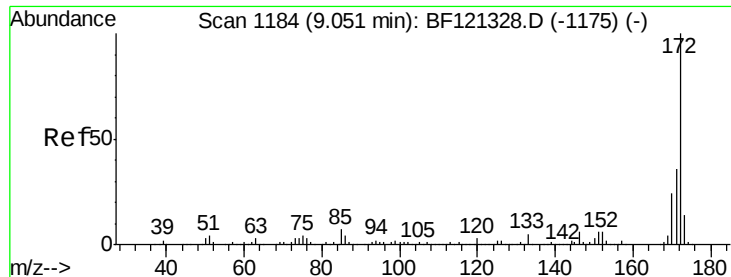
#42
2,4,6-Tribromophenol
Concen: 96.071 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion:330 Resp: 363165
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 28.3 22.8 34.2



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

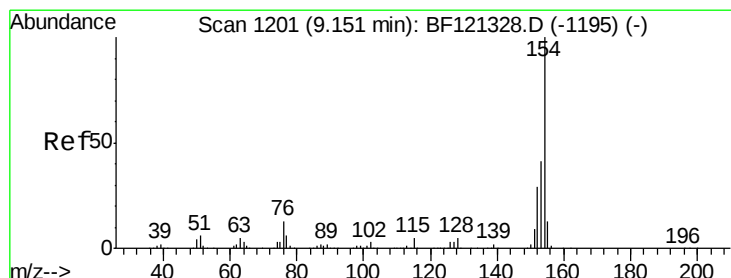
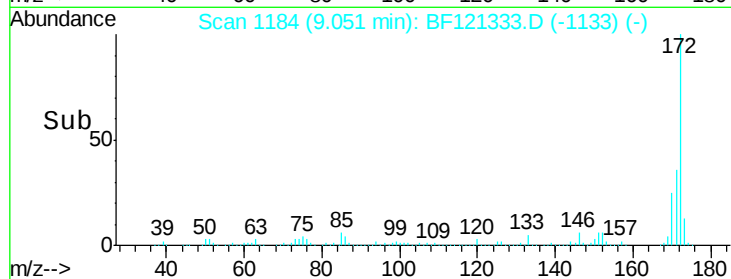
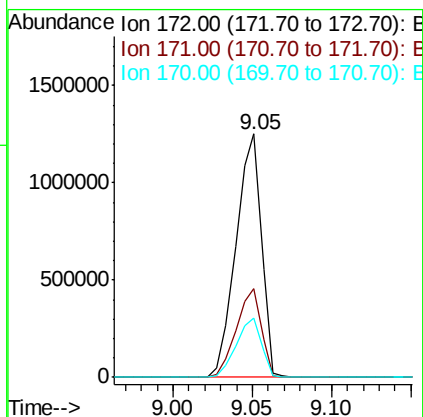
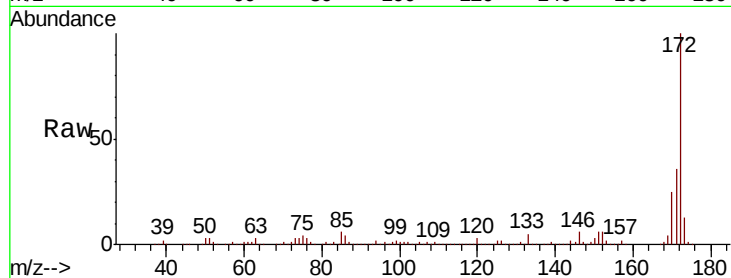




#45
2-Fluorobiphenyl
Concen: 81.810 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

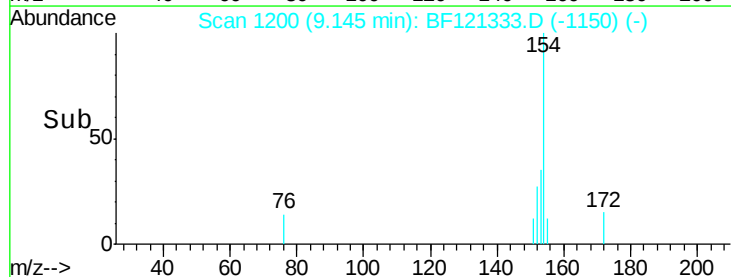
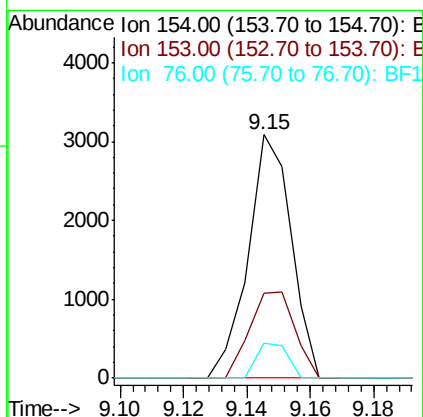
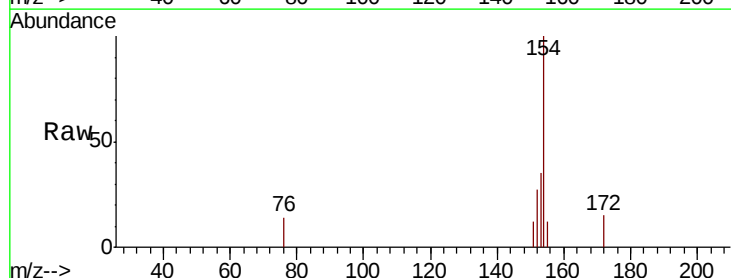
Instrument :
BNA_F
ClientSampleId :
PB131036BL

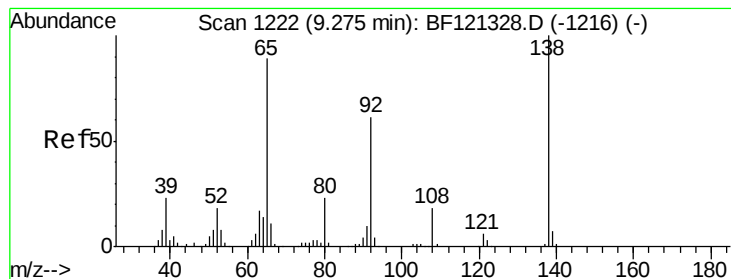
Tot Ion:172 Resp: 1390615
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 0.120 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion:154 Resp: 2916
Ion Ratio Lower Upper
154 100
153 34.6 20.8 60.8
76 14.5 0.0 33.1





#48

2-Nitroaniline

Concen: 0.346 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.23 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

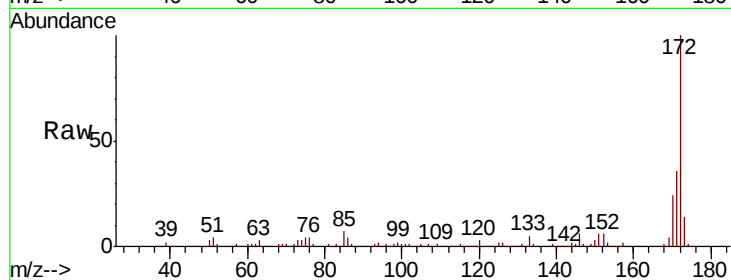
Tot Ion: 65 Resp: 2183

Ion Ratio Lower Upper

65 100

92 198.9 54.9 82.3#

138 34.8 89.5 134.3#

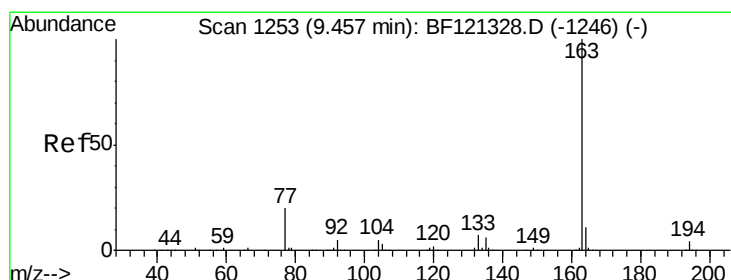
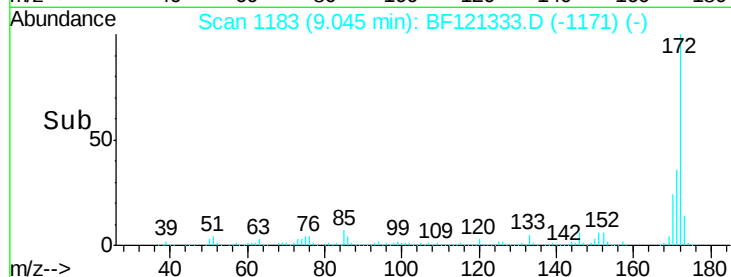
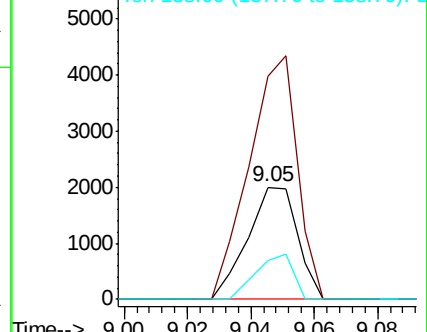


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

Dimethylphthalate

Concen: 2.983 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

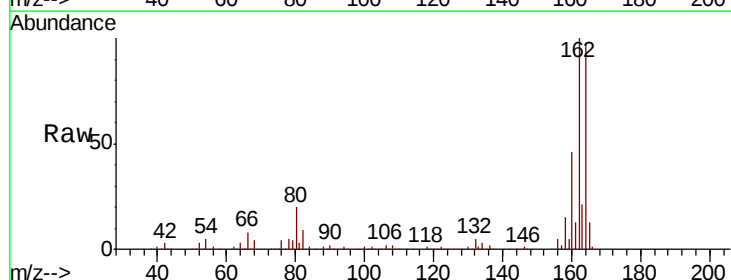
Tgt Ion:163 Resp: 70387

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 454.5 8.4 12.6#

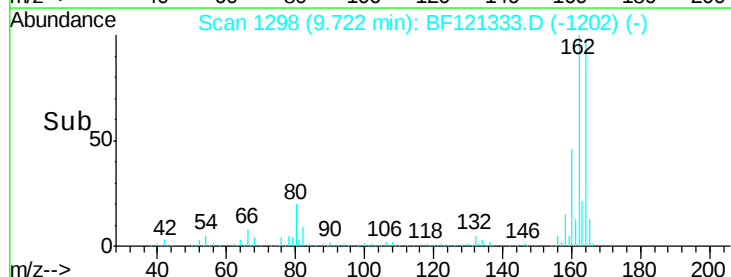
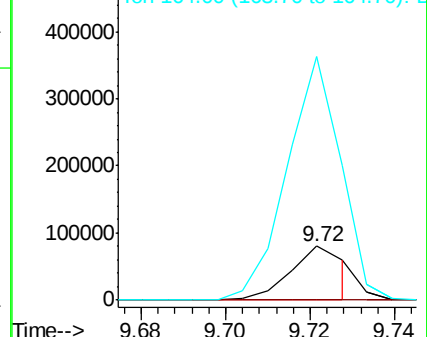


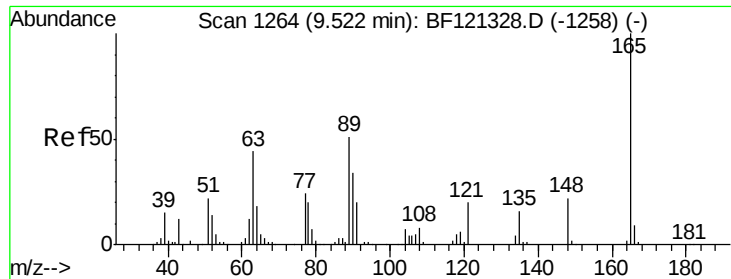
Abundance

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

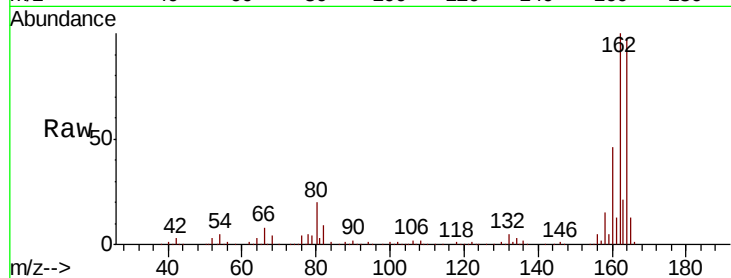




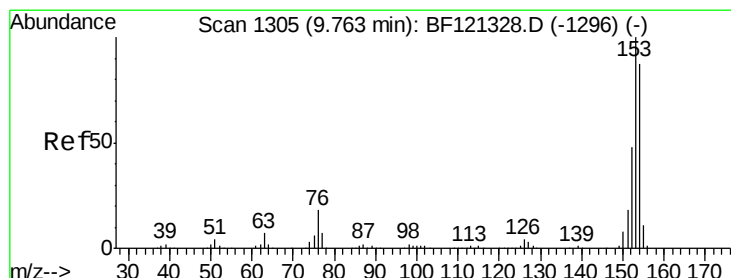
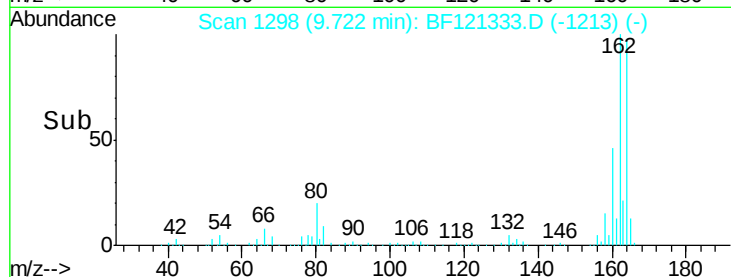
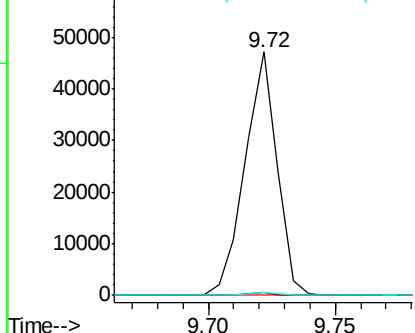
#51
 2,6-Dinitrotoluene
 Concen: 8.228 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF121333.D
 Acq: 19 Aug 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BL

Tot Ion:165 Resp: 41469
 Ion Ratio Lower Upper
 165 100
 63 1.2 38.5 57.7#
 89 1.0 41.2 61.8#

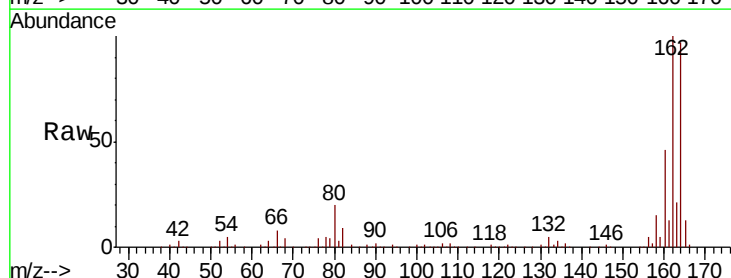


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

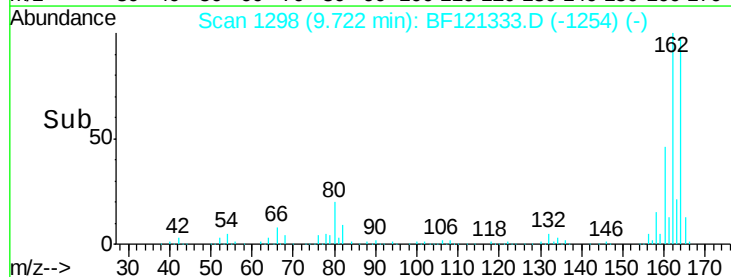
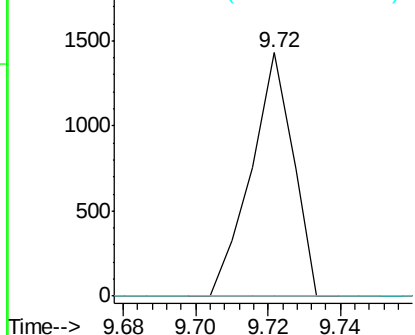


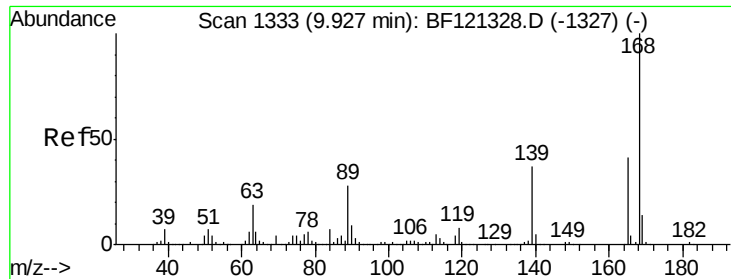
#52
 Acenaphthene
 Concen: 0.064 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.04 min
 Lab File: BF121333.D
 Acq: 19 Aug 2020 22:33

Tgt Ion:154 Resp: 1150
 Ion Ratio Lower Upper
 154 100
 153 0.0 92.0 138.0#
 152 0.0 44.6 66.8#



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

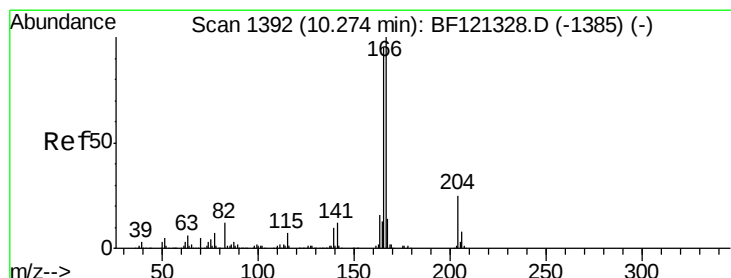
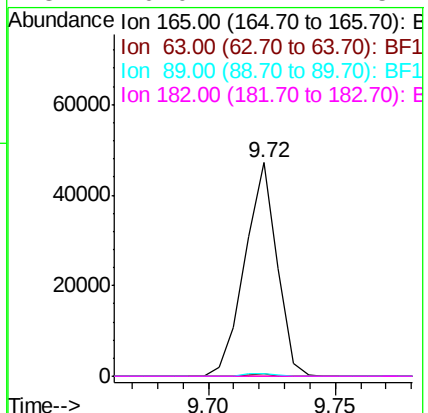
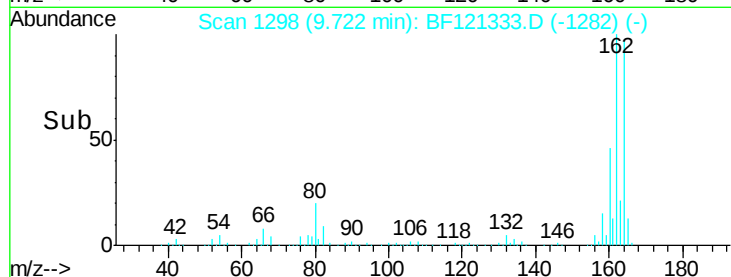
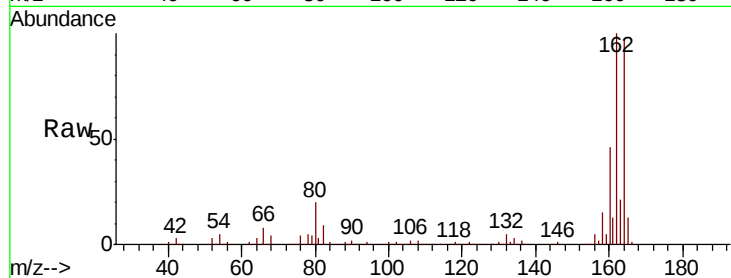




#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

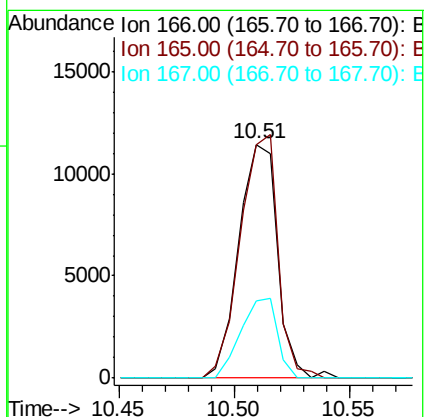
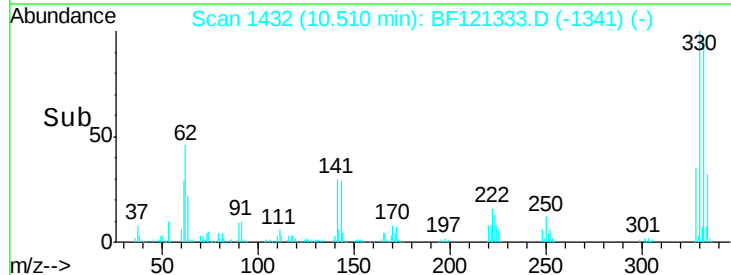
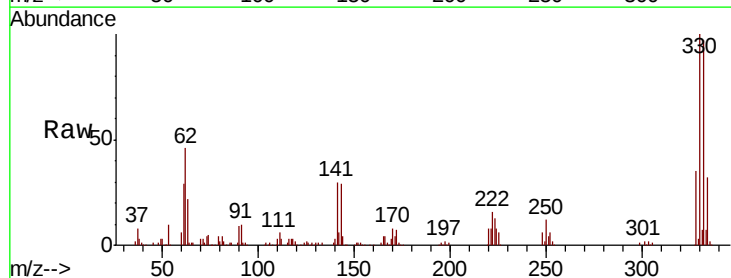
Instrument :
BNA_F
ClientSampleId :
PB131036BL

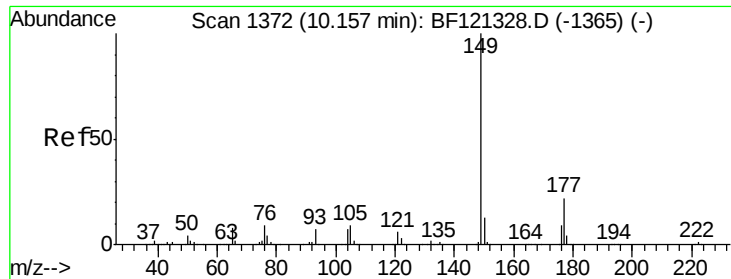
Tot Ion:165 Resp: 41469
Ion Ratio Lower Upper
165 100
63 1.2 37.5 56.3#
89 1.0 54.2 81.4#
182 0.0 2.2 3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.51 min Scan# 1432
Delta R.T. 0.24 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion:166 Resp: 13384
Ion Ratio Lower Upper
166 100
165 99.8 75.8 113.8
167 33.0 11.0 16.4#

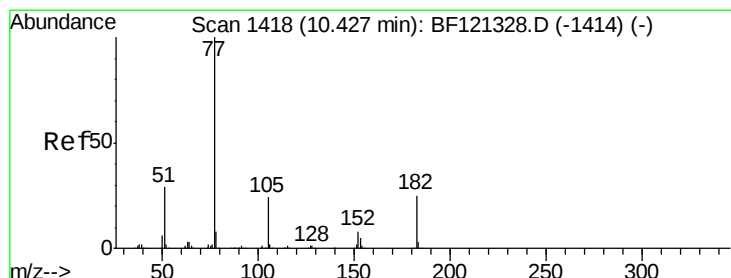
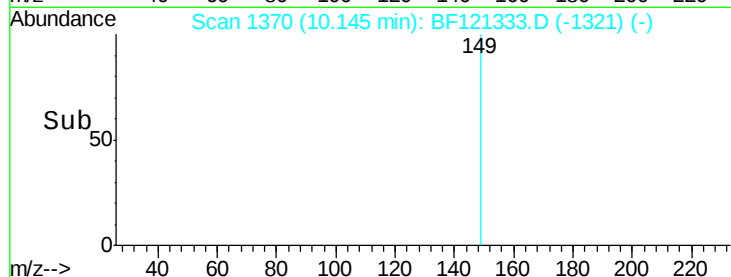
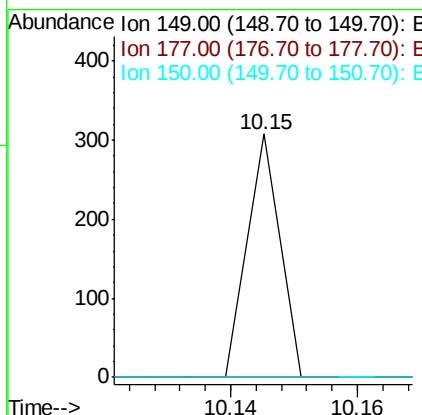
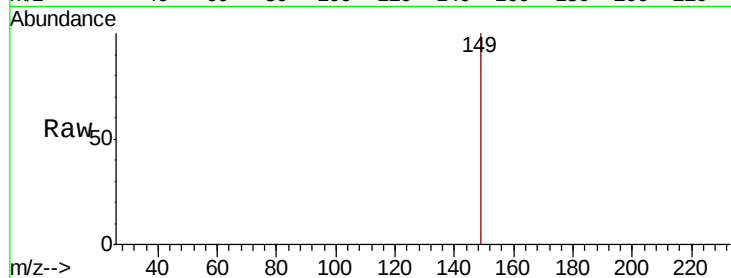




#60
Diethylphthalate
Concen: 0.005 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

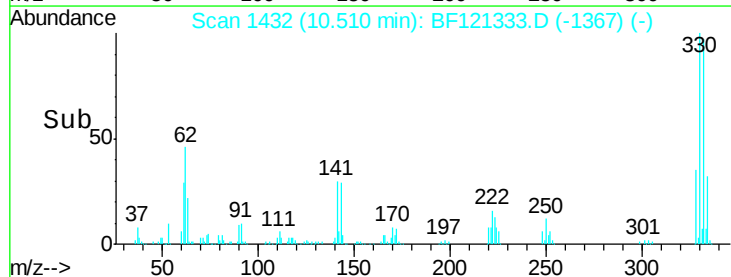
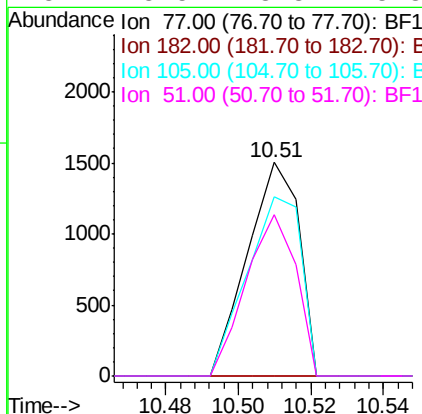
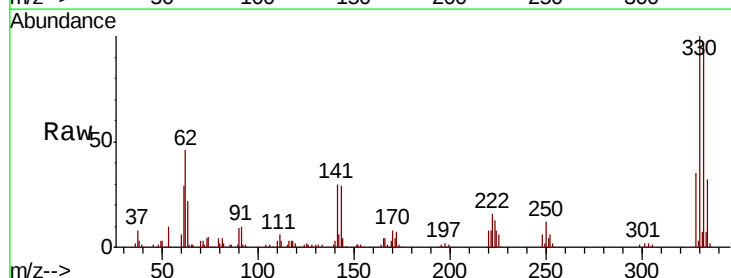
Instrument :
BNA_F
ClientSampleId :
PB131036BL

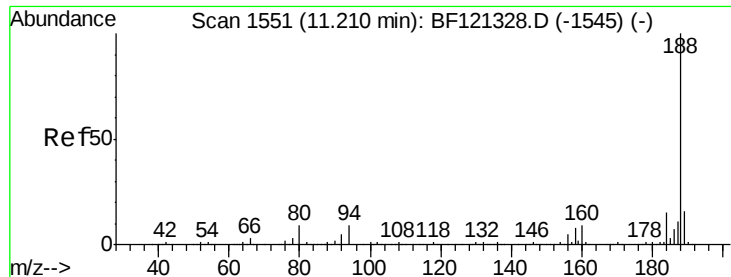
Tot Ion:149 Resp: 109
Ion Ratio Lower Upper
149 100
177 0.0 17.6 26.4#
150 0.0 10.1 15.1#



#63
Azobenzene
Concen: 0.070 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.08 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion: 77 Resp: 1488
Ion Ratio Lower Upper
77 100
182 0.0 5.0 45.0#
105 83.8 3.6 43.6#
51 75.5 8.8 48.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

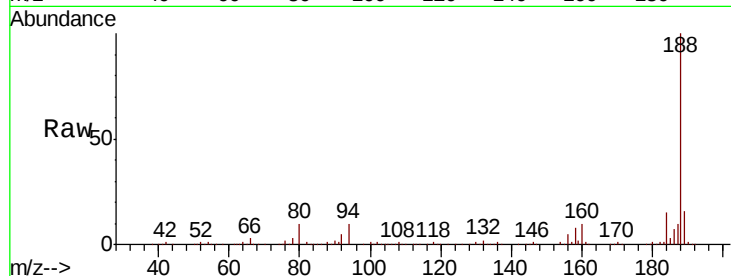
Tot Ion:188 Resp: 646209

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

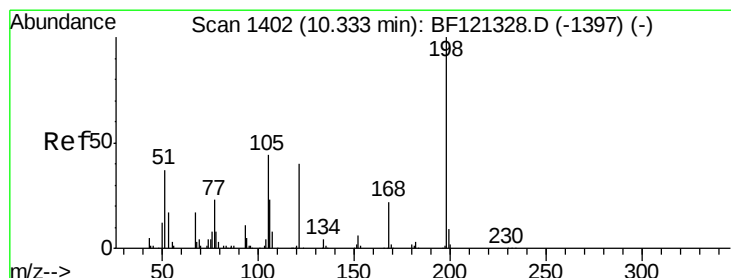
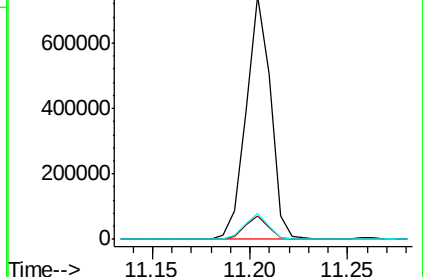
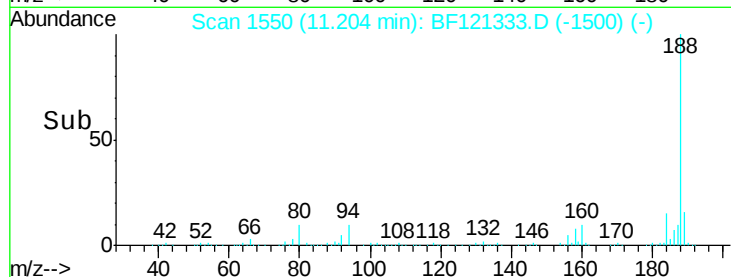
80 10.4 7.4 11.0



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: 0.186 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.18 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

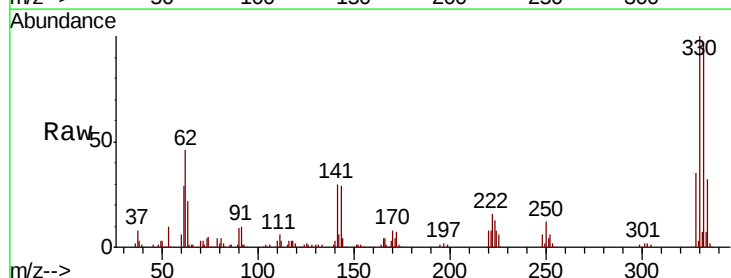
Tgt Ion:198 Resp: 642

Ion Ratio Lower Upper

198 100

51 143.8 25.5 65.5#

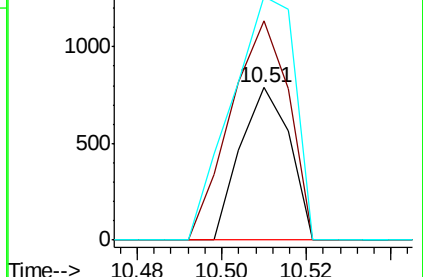
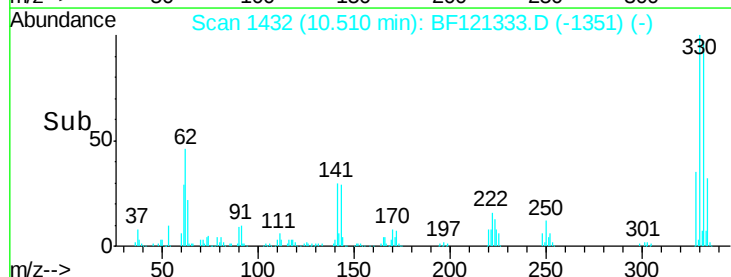
105 159.5 24.9 64.9#

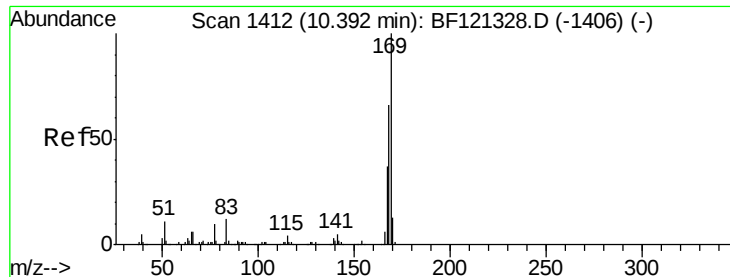


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

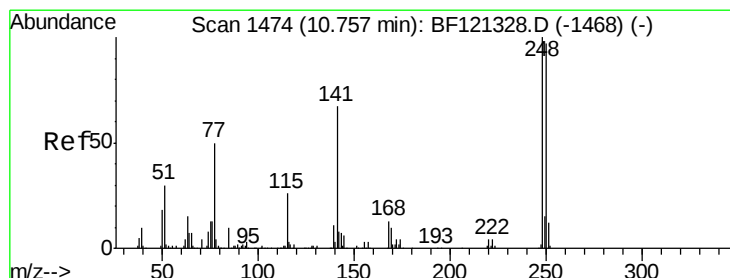
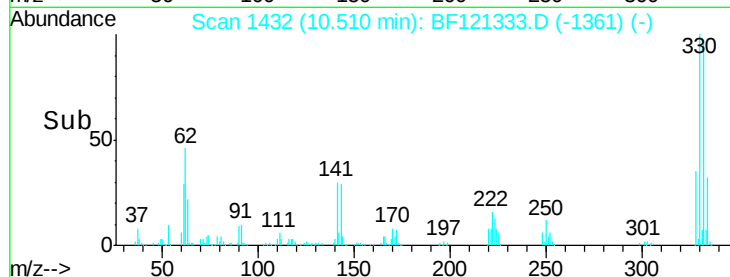
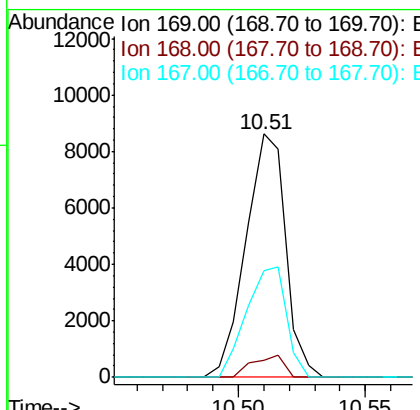
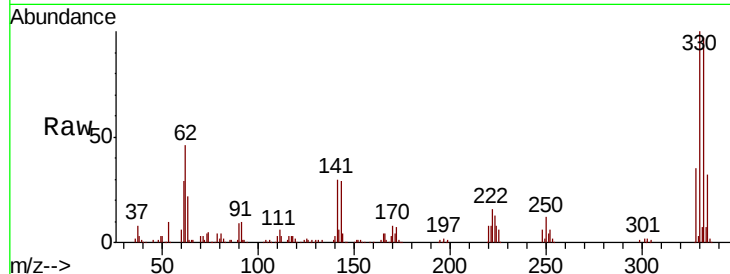




#66
 n-Nitrosodiphenylamine
 Concen: 0.472 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.12 min
 Lab File: BF121333.D
 Acq: 19 Aug 2020 22:33

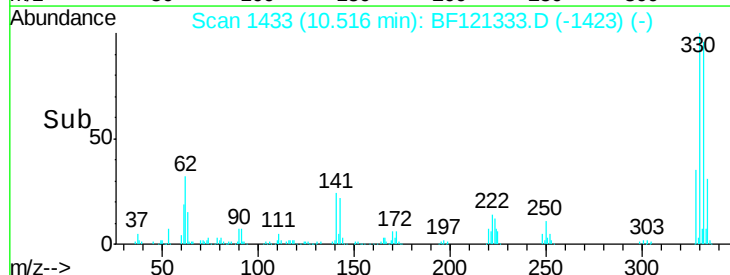
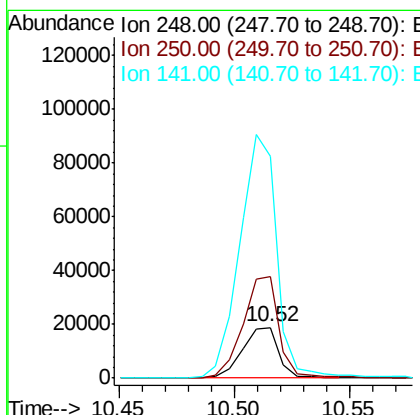
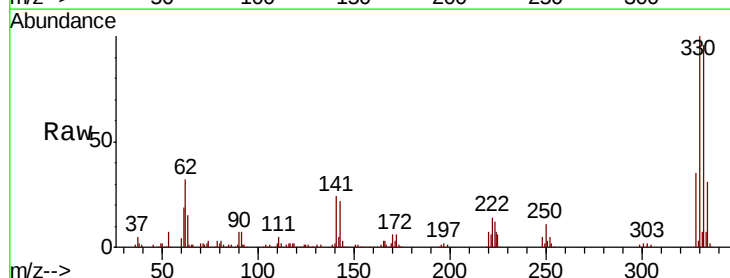
Instrument :
 BNA_F
 ClientSampleId :
 PB131036BL

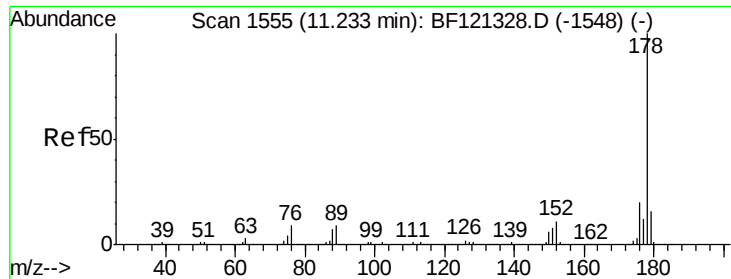
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		9411		
168	7.0		53.0	79.6#	
167	43.7		29.5	44.3	



#67
 4-Bromophenyl-phenylether
 Concen: 2.867 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF121333.D
 Acq: 19 Aug 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		20549		
250	199.3		77.9	116.9#	
141	436.1		53.5	80.3#	





#71

Phenanthrene

Concen: 0.003 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.03 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

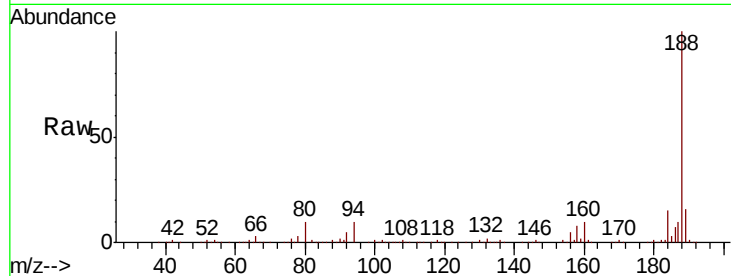
Tot Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

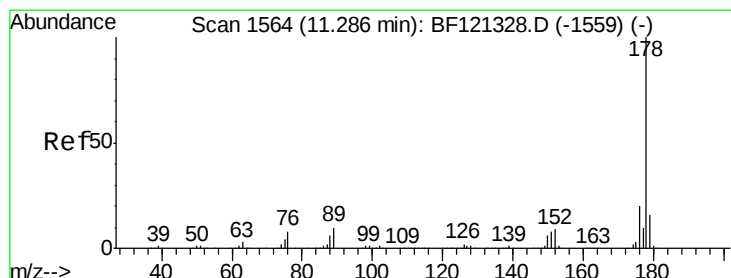
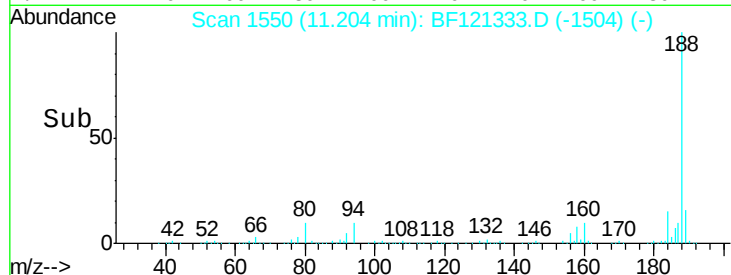
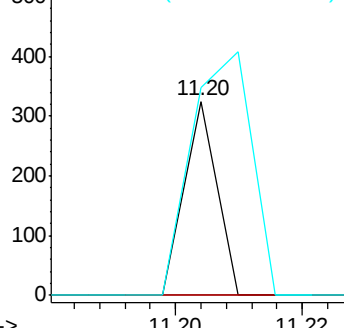
179 107.4 12.8 19.2#



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



#72

Anthracene

Concen: 0.004 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.08 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

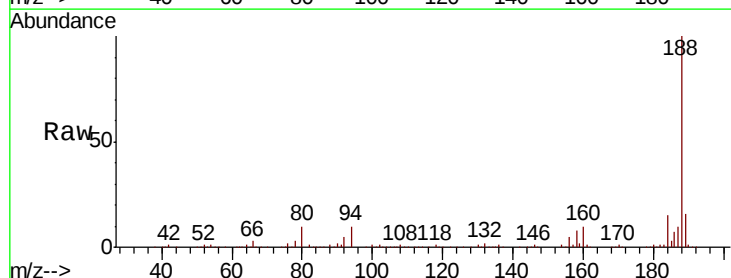
Tgt Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

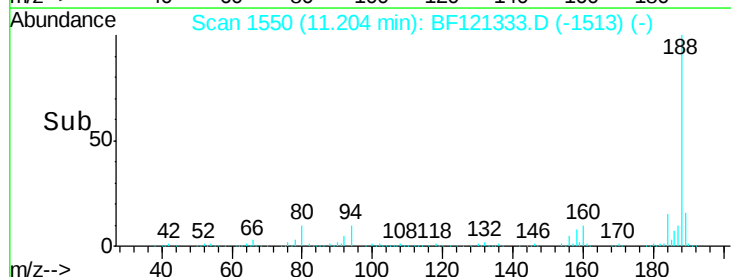
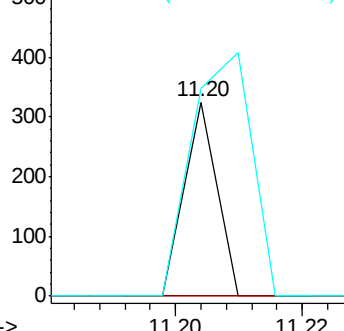
179 107.4 12.8 19.2#

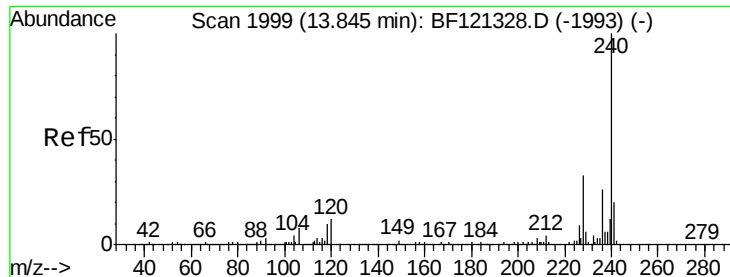


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

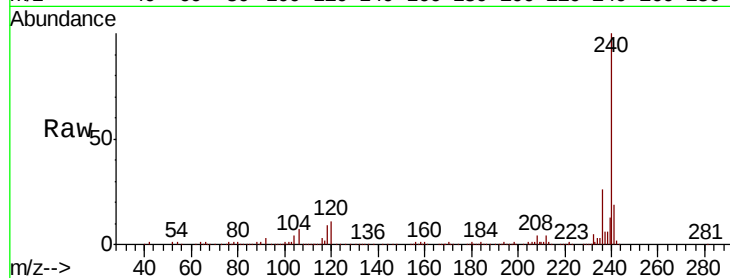
Tot Ion:240 Resp: 556825

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

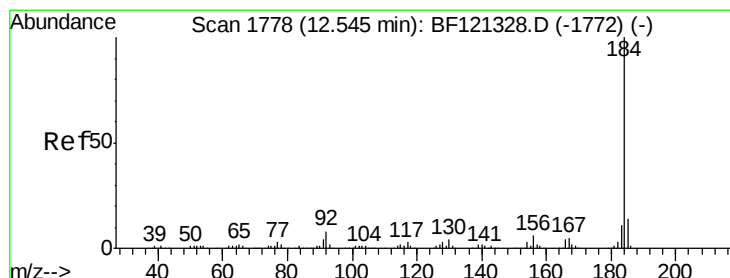
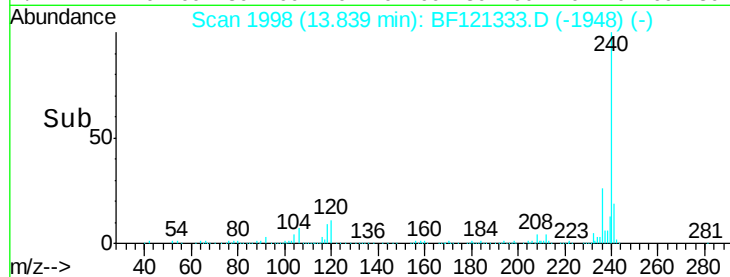
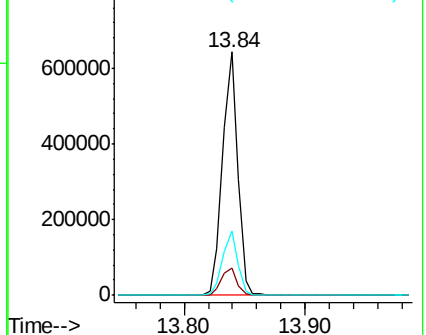
236 26.3 20.6 31.0



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



#77

Benzidine

Concen: 0.042 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

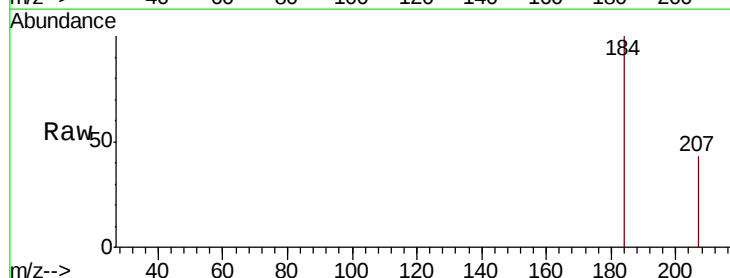
Tgt Ion:184 Resp: 649

Ion Ratio Lower Upper

184 100

185 0.0 11.6 17.4#

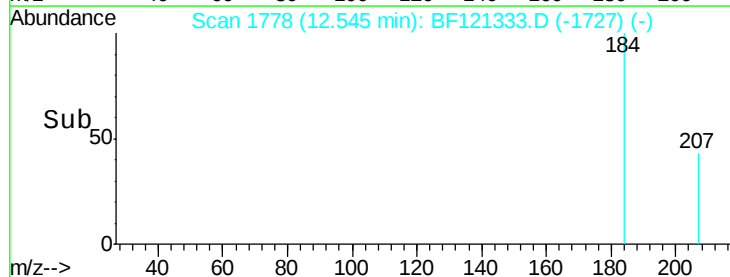
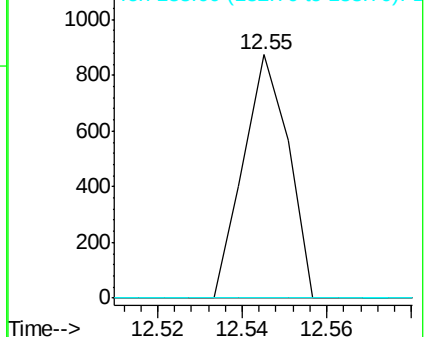
183 0.0 8.7 13.1#

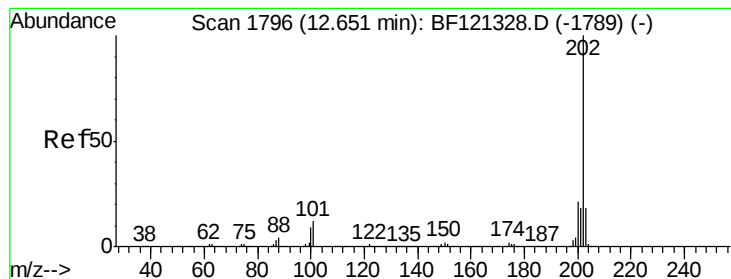


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.112 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.14 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

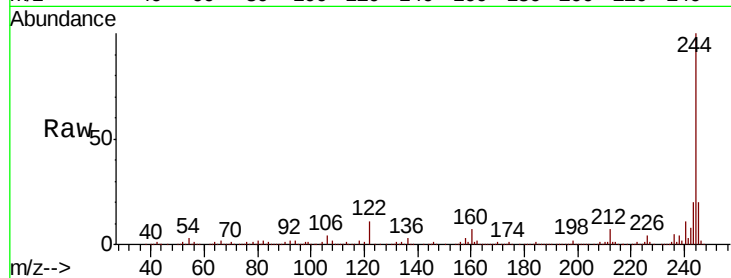
Tot Ion:202 Resp: 4689

Ion Ratio Lower Upper

202 100

200 43.0 16.6 24.8#

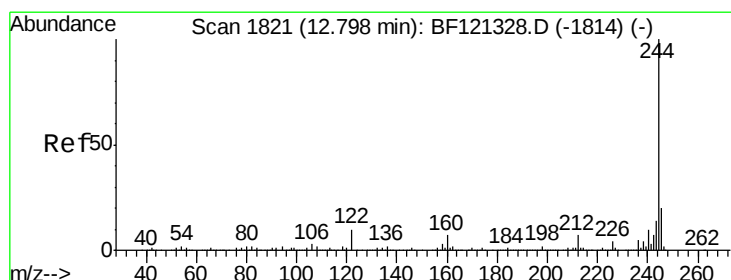
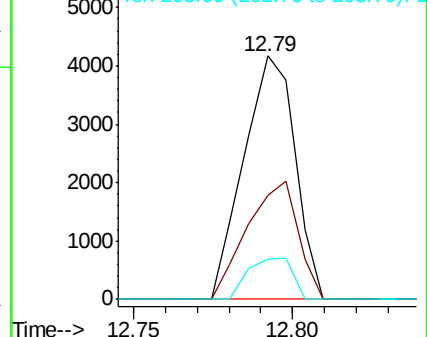
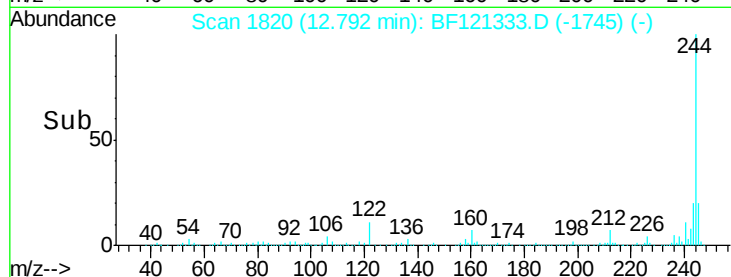
203 16.7 14.2 21.2



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: 53.024 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

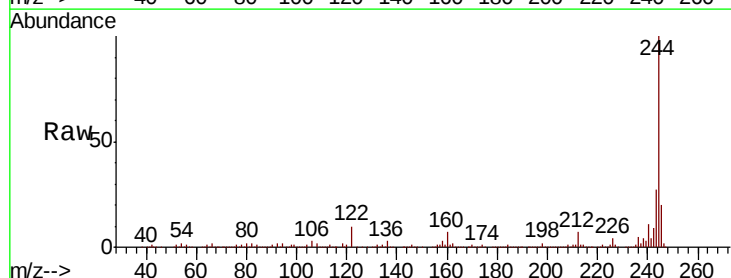
Tgt Ion:244 Resp: 1510891

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

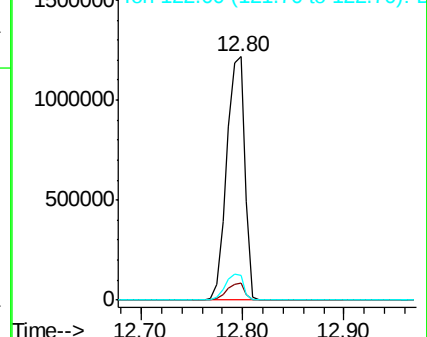
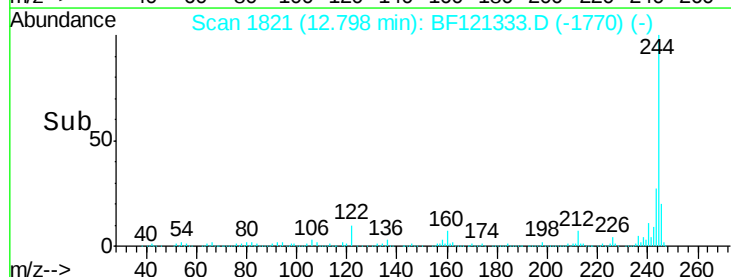
122 9.9 7.8 11.8

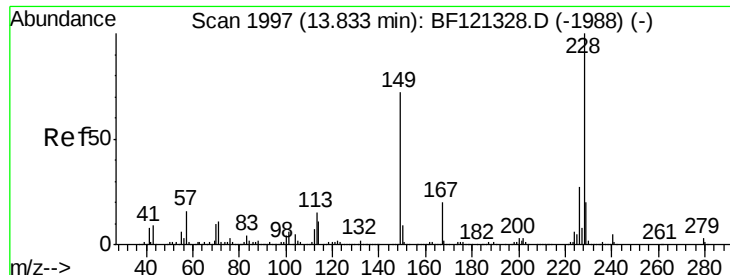


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.064 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

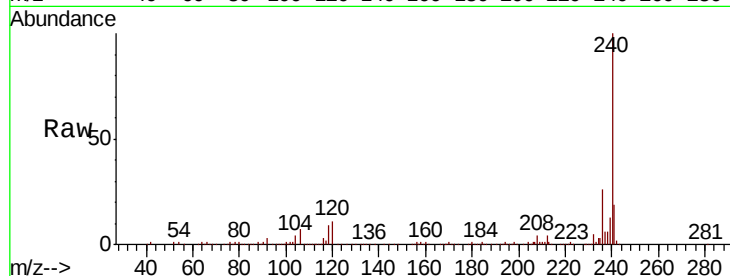
Tot Ion:228 Resp: 2205

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.6#

229 33.4 15.8 23.8#



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

13.84

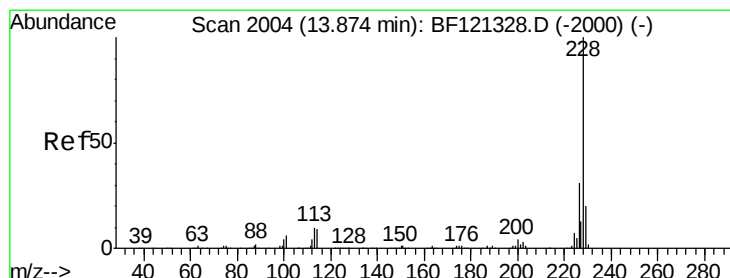
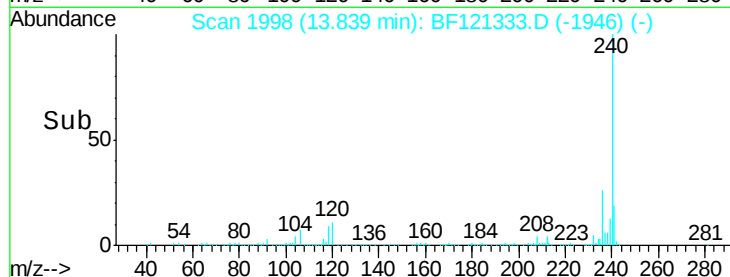
1500

1000

500

0

Time-->



#83

Chrysene

Concen: 0.062 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

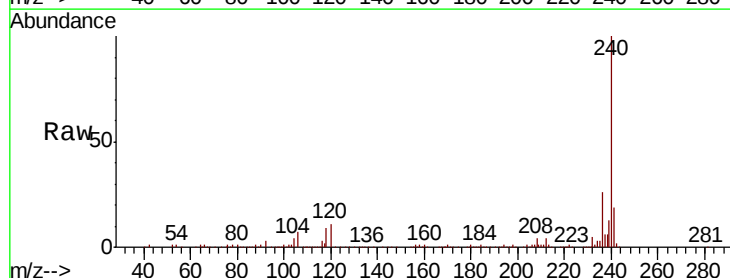
Tgt Ion:228 Resp: 2205

Ion Ratio Lower Upper

228 100

226 0.0 24.6 36.8#

229 33.4 15.9 23.9#



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

13.84

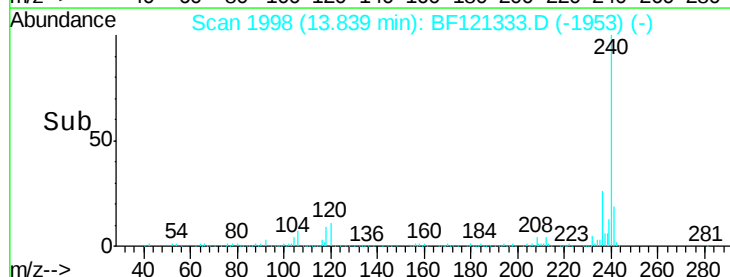
1500

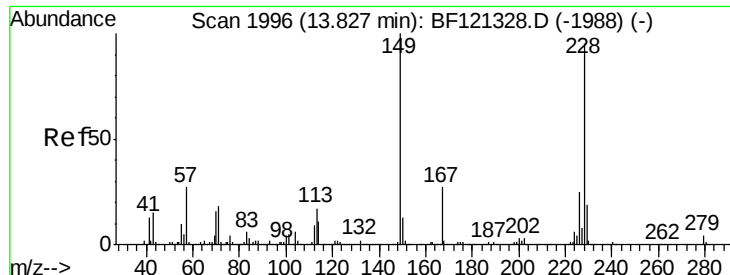
1000

500

0

Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.006 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

Instrument :

BNA_F

ClientSampleId :

PB131036BL

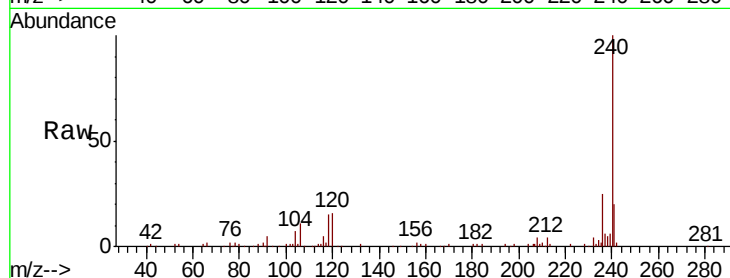
Tot Ion:149 Resp: 124

Ion Ratio Lower Upper

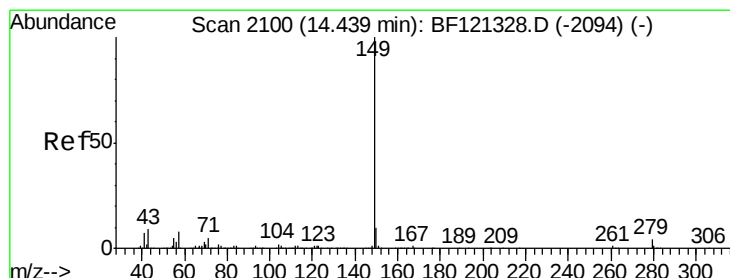
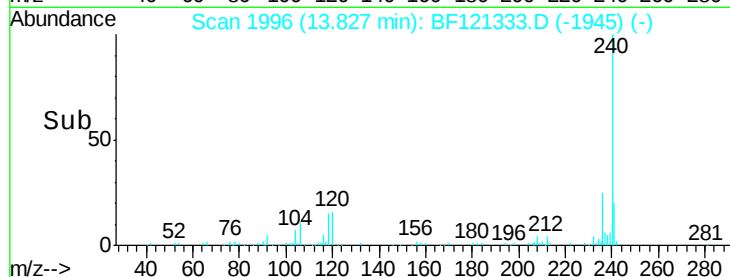
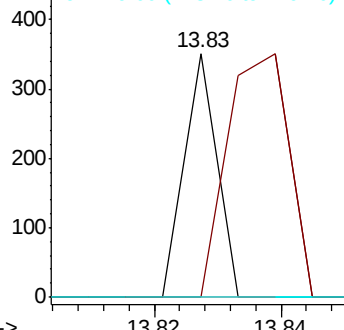
149 100

167 0.0 21.5 32.3#

279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF121333.D

Acq: 19 Aug 2020 22:33

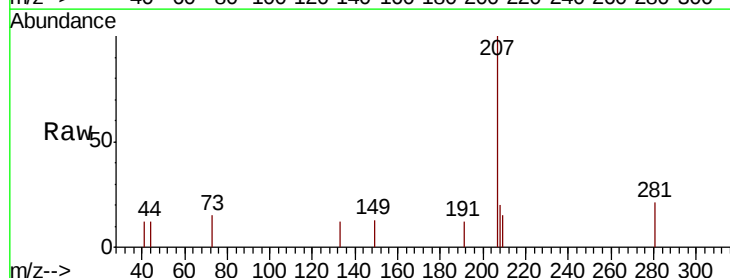
Tgt Ion:149 Resp: 126

Ion Ratio Lower Upper

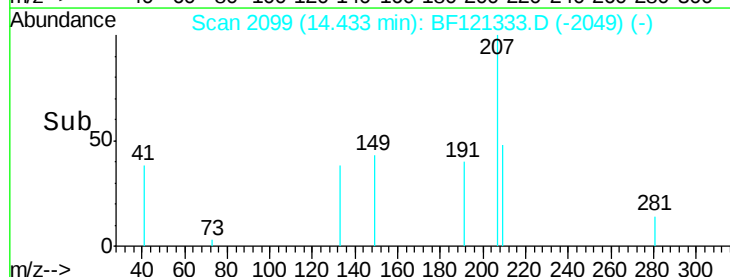
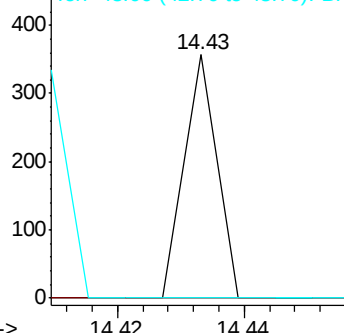
149 100

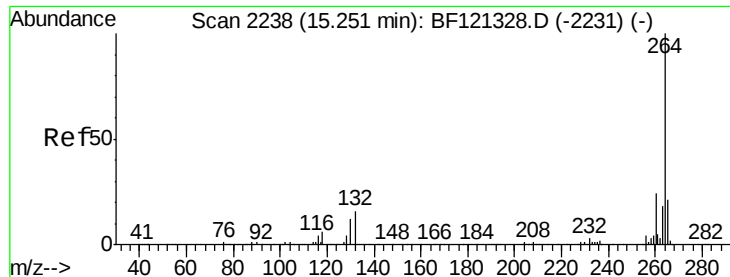
167 0.0 1.2 1.8#

43 0.0 7.1 10.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

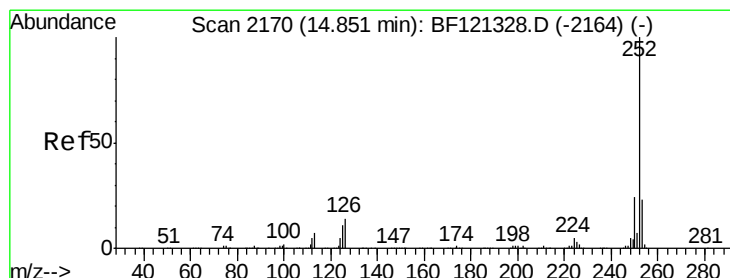
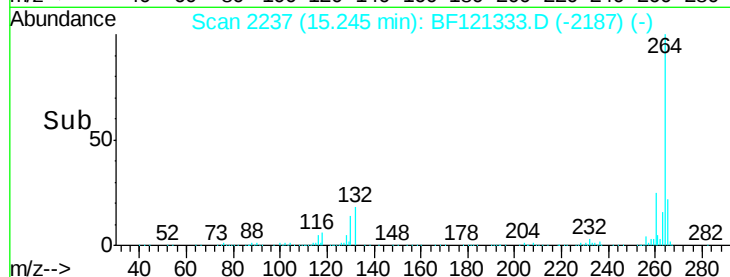
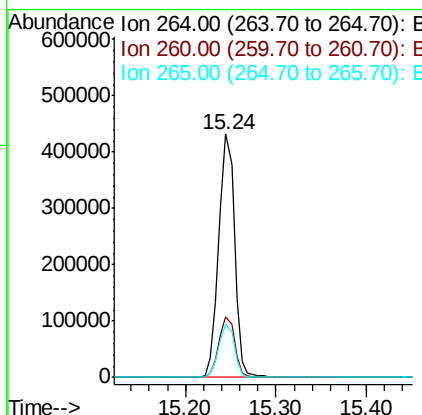
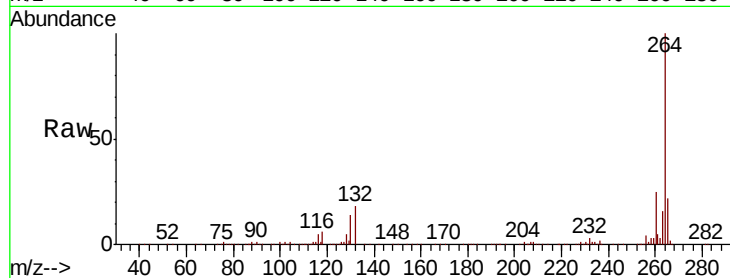




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

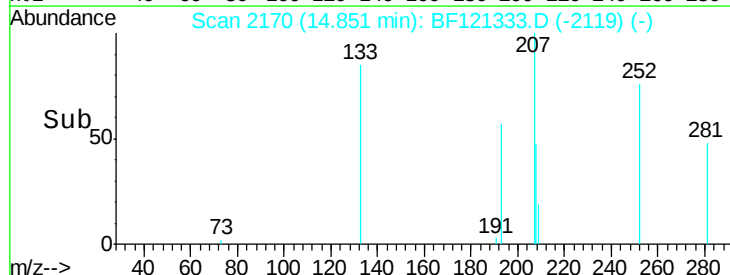
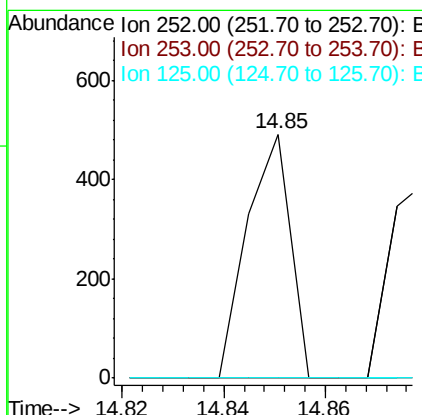
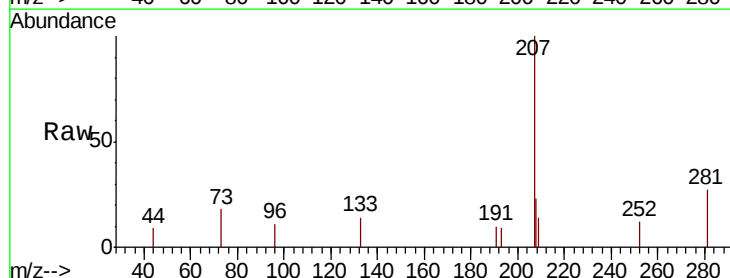
Instrument :
BNA_F
ClientSampleId :
PB131036BL

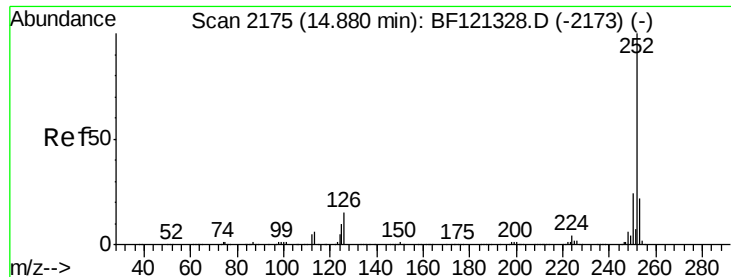
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.8	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	0.0	8.6	12.8#

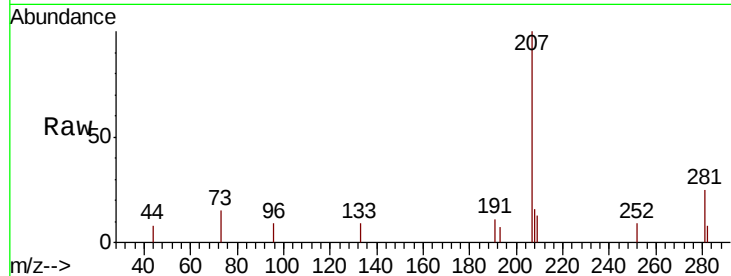




#89
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

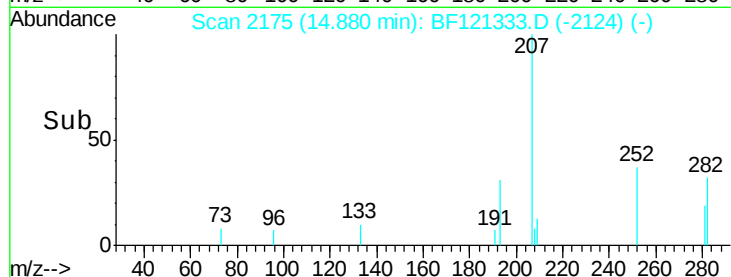
Instrument :
BNA_F
ClientSampleId :
PB131036BL

Tot Ion:252 Resp: 264
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 8.6 12.8#

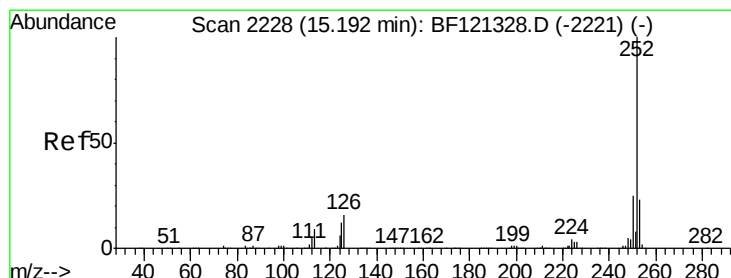


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

14.88

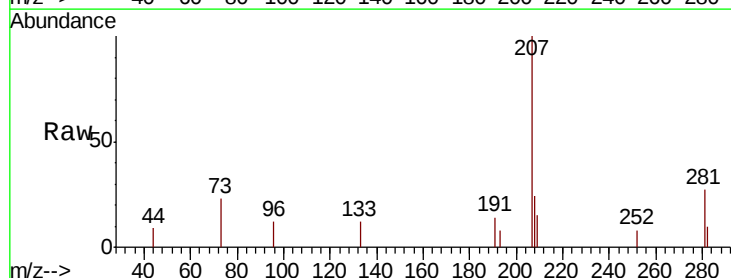


Time--> 14.86 14.88



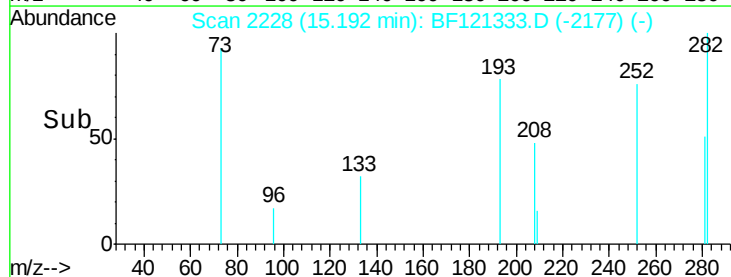
#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF121333.D
Acq: 19 Aug 2020 22:33

Tgt Ion:252 Resp: 111
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 9.4 14.0#



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

15.19



Time--> 15.18 15.20