

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
 Data File : BF121450.D
 Acq On : 27 Aug 2020 22:16
 Operator : JU/CG
 Sample : PB131187BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

Quant Time: Aug 28 05:09:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 04:47:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	318231	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1233622	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	643506	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1226125	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1032092	20.00	ng	-0.01
86) Perylene-d12	15.49	264	1023979	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	2267625	119.55	ng	0.01
7) Phenol-d6	6.49	99	2932487	110.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1846498	93.73	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	843459	129.77	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3337815	95.17	ng	0.00
79) Terphenyl-d14	12.97	244	3472875	70.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	166	0.018	ng	# 21
4) n-Nitrosodimethylamine	3.37	42	400	0.037	ng	# 1
6) Aniline	6.49	93	121	0.004	ng	# 1
9) Benzaldehyde	6.49	77	4385	Below Cal		# 2
10) Phenol	6.49	94	561	0.022	ng	# 1
11) bis(2-Chloroethyl)ether	6.49	93	121	0.006	ng	# 1
15) Benzyl Alcohol	6.86	79	8864	0.509	ng	# 15
19) n-Nitroso-di-n-propylamine	7.42	70	250471	16.909	ng	# 78
24) Nitrobenzene	7.42	77	6214	0.344	ng	# 35
25) Isophorone	7.42	82	1840374	45.345	ng	# 64
28) bis(2-Chloroethoxy)methane	8.15	93	278	0.010	ng	# 1
32) Benzoic acid	8.14	122	135	6.676	ng	# 1
38) 1-Methylnaphthalene	9.22	142	1718	0.045	ng	# 48
46) 1,1'-Biphenyl	9.32	154	6073	0.125	ng	# 94
48) 2-Nitroaniline	9.22	65	5712	7.087	ng	# 1
49) Acenaphthylene	9.74	152	311	0.005	ng	# 59
51) 2,6-Dinitrotoluene	9.90	165	83086	15.107	ng	# 24
52) Acenaphthene	9.93	154	130	0.003	ng	# 5
55) Dibenzofuran	10.08	168	108	0.002	ng	# 45
57) 2,4-Dinitrotoluene	9.90	165	83086	14.188	ng	# 21
58) Fluorene	10.69	166	34070	0.823	ng	# 90
63) Azobenzene	10.68	77	4459	0.102	ng	# 4
65) 4,6-Dinitro-2-methylphenol	10.69	198	1850	6.300	ng	# 1
66) n-Nitrosodiphenylamine	10.69	169	23179	0.598	ng	# 43
67) 4-Bromophenyl-phenylether	10.69	248	49192	3.647	ng	# 1
71) Phenanthrene	11.38	178	843	0.013	ng	# 1
72) Anthracene	11.38	178	843	0.014	ng	# 1
73) Carbazole	11.60	167	122	0.002	ng	# 58
74) Di-n-butylphthalate	11.94	149	132	0.002	ng	# 77
77) Benzidine	12.97	184	49912	2.217	ng	# 92
78) Pyrene	12.97	202	12387	0.168	ng	# 66
81) Benzo(a)anthracene	14.02	228	2607	0.041	ng	# 63
82) 3,3'-Dichlorobenzidine	13.97	252	409	0.018	ng	# 88
83) Chrysene	14.02	228	2607	0.041	ng	# 60

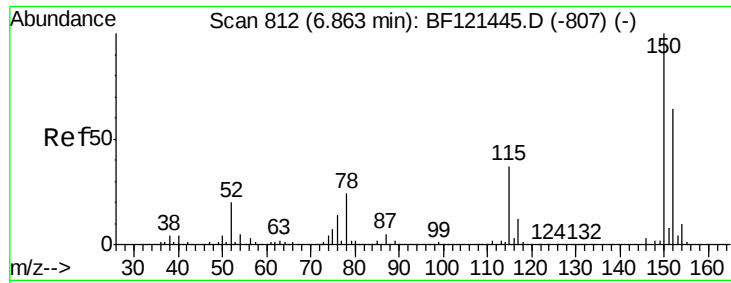
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121450.D
Acq On : 27 Aug 2020 22:16
Operator : JU/CG
Sample : PB131187BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131187BL

Quant Time: Aug 28 05:09:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 04:47:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	14.01	149	268	0.007	nq	# 32
85) Di-n-octyl phthalate	14.86	149	1290	0.021	nq	# 36
87) Indeno(1,2,3-cd)pyrene	16.93	276	329	0.005	nq	# 49
88) Benzo(b)fluoranthene	15.05	252	119	0.002	nq	# 59
89) Benzo(k)fluoranthene	15.08	252	116	0.002	nq	# 59
90) Benzo(a)pyrene	15.42	252	228	0.004	nq	# 59
92) Benzo(a,h,i)perylene	17.36	276	126	0.003	nq	# 53

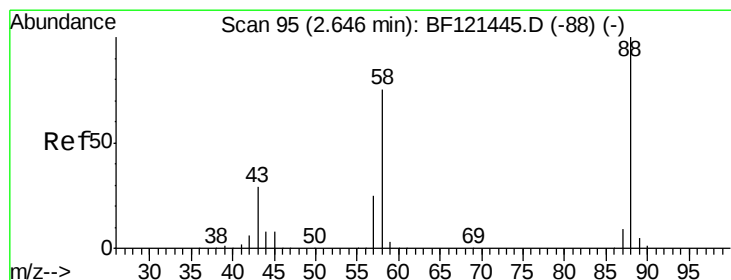
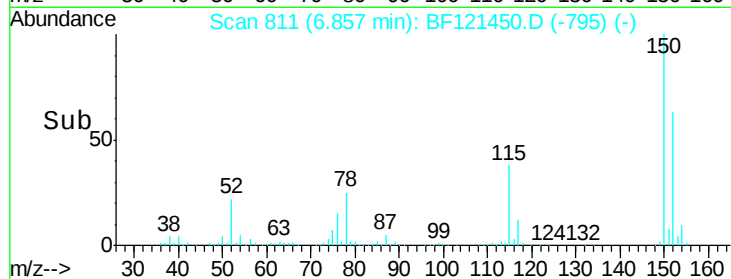
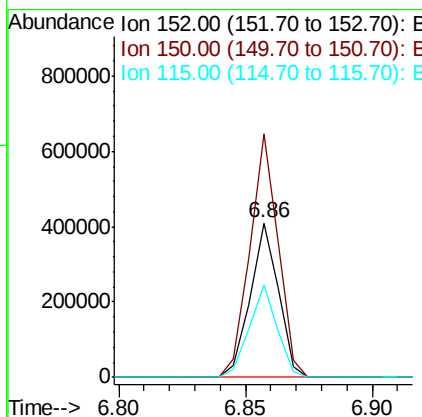
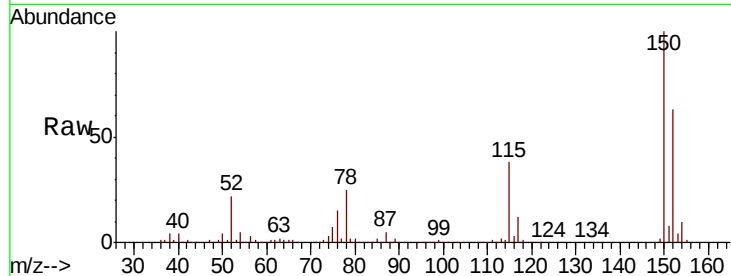
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

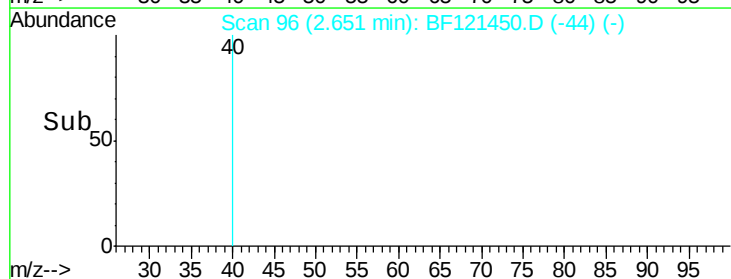
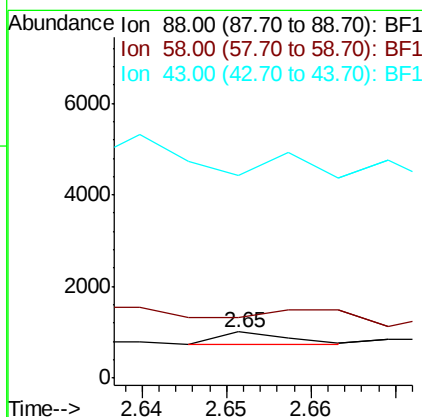
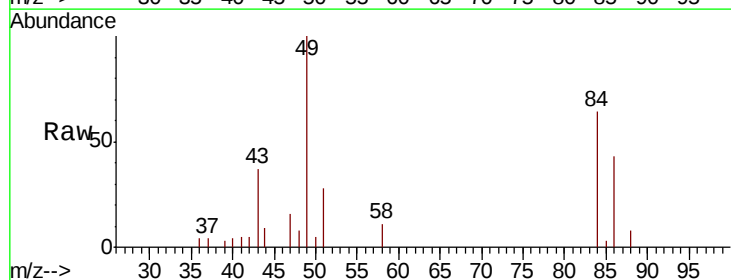
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

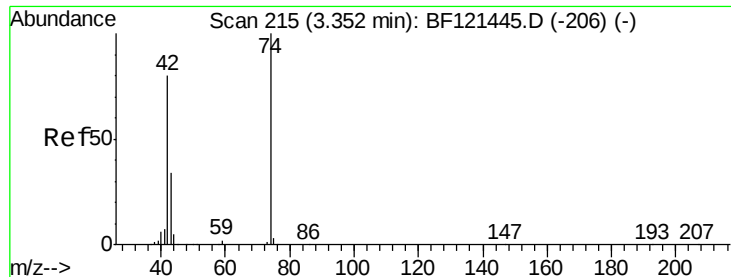
Tot Ion:152 Resp: 318231
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 60.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.018 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion: 88 Resp: 166
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.1 91.7#
 43 0.0 23.4 35.0#



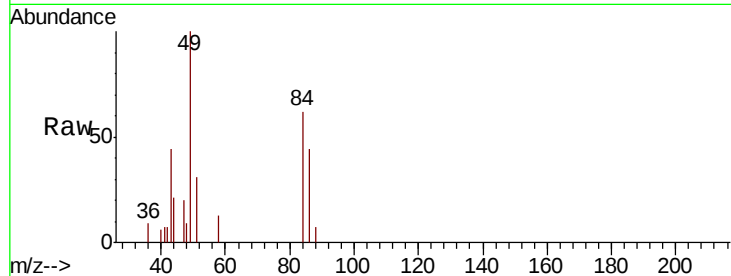


#4

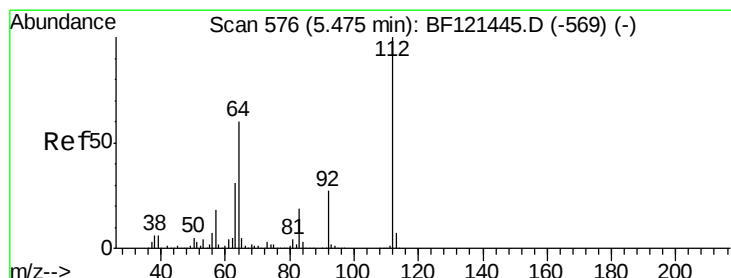
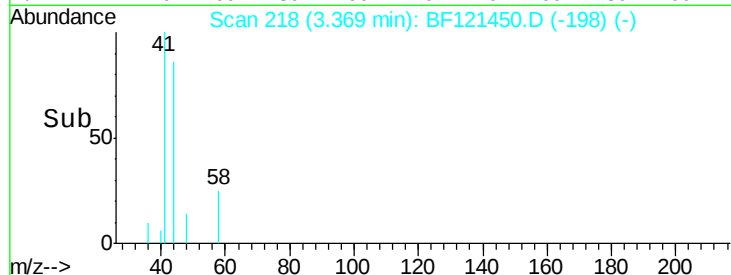
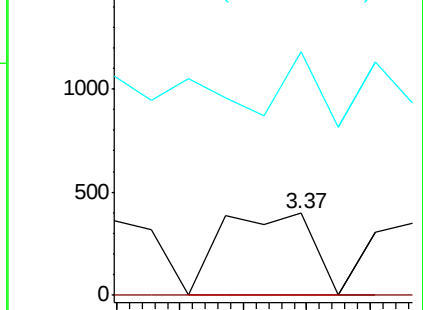
n-Nitrosodimethylamine
 Concen: 0.037 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.02 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

Tot Ion: 42 Resp: 400
 Ion Ratio Lower Upper
 42 100
 74 0.0 100.2 150.4#
 44 296.2 5.4 8.0#



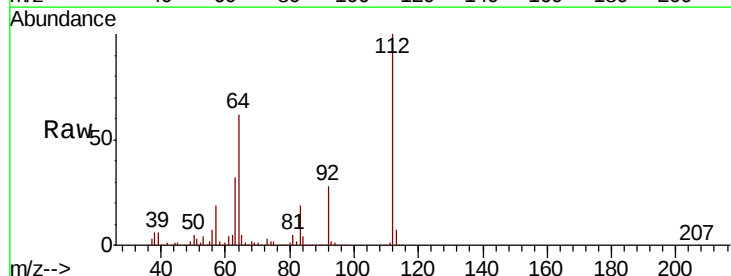
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



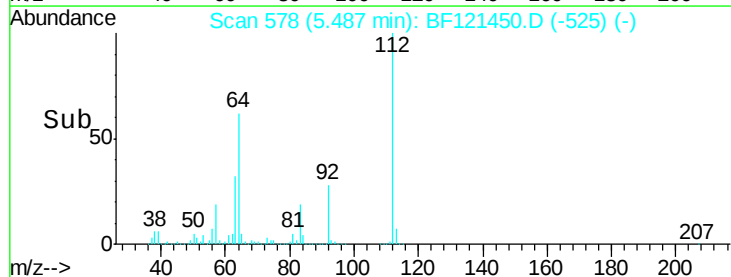
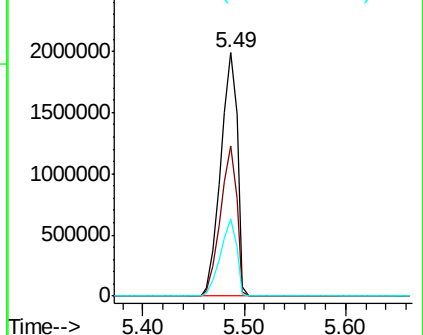
#5

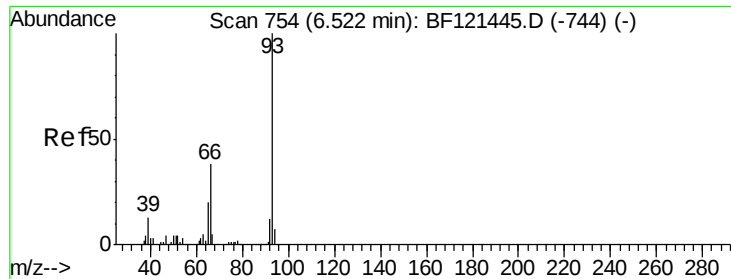
2-Fluorophenol
 Concen: 119.551 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion: 112 Resp: 2267625
 Ion Ratio Lower Upper
 112 100
 64 61.8 48.2 72.2
 63 31.9 24.8 37.2



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





#6

Aniline

Concen: 0.004 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

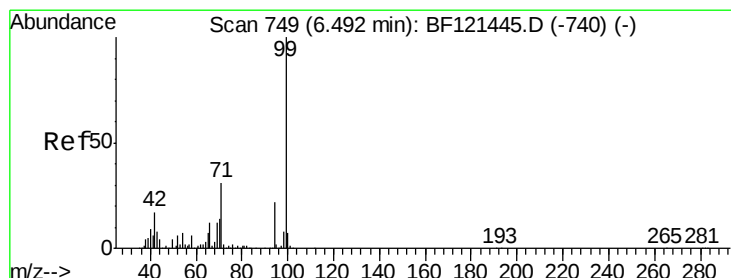
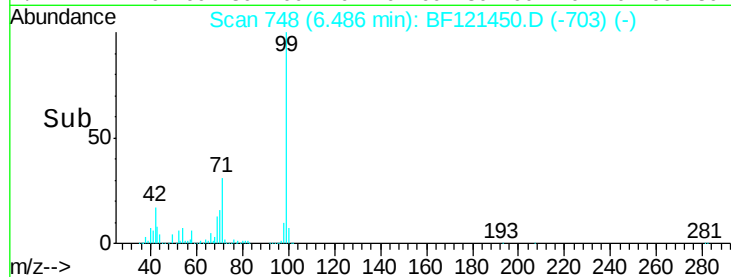
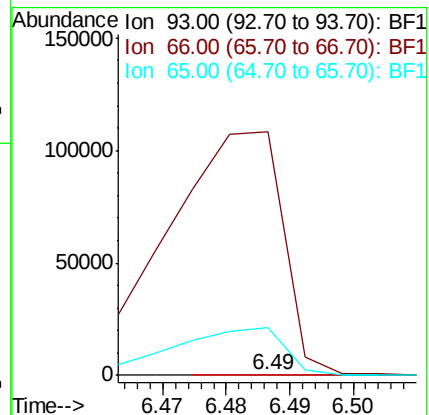
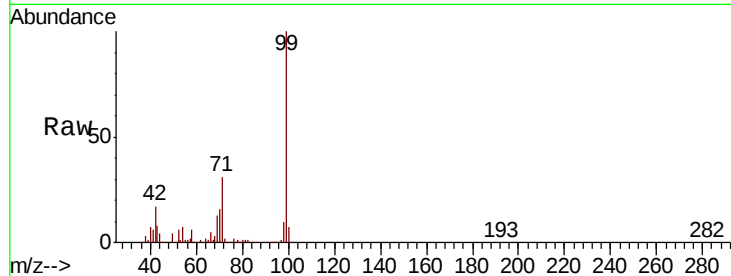
Tot Ion: 93 Resp: 121

Ion Ratio Lower Upper

93 100

66 31577.8 30.9 46.3#

65 6234.4 15.9 23.9#



#7

Phenol-d6

Concen: 110.631 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

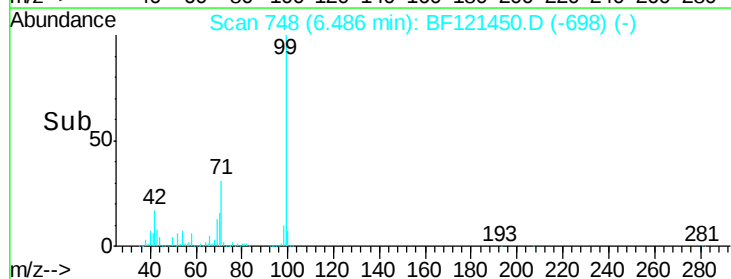
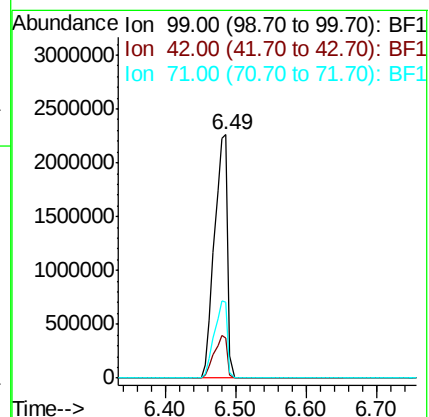
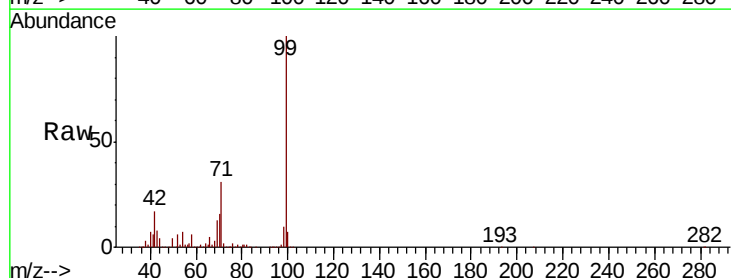
Tgt Ion: 99 Resp: 2932487

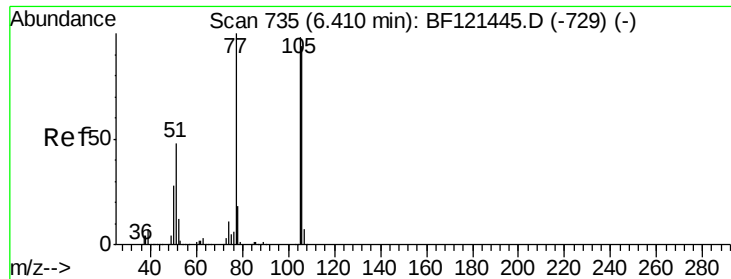
Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 31.2 24.6 37.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.49 min Scan# 748

Delta R.T. 0.08 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

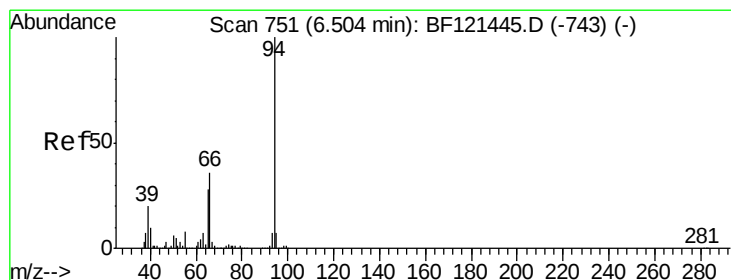
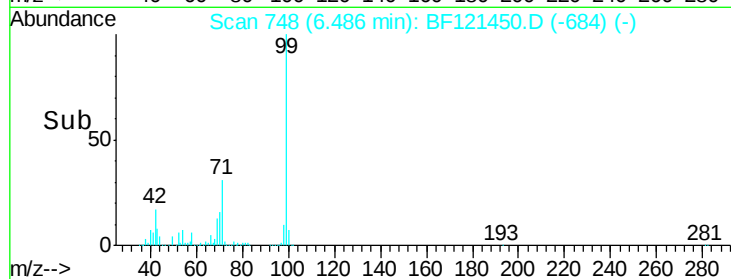
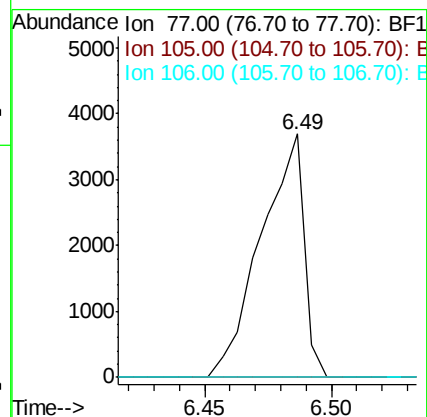
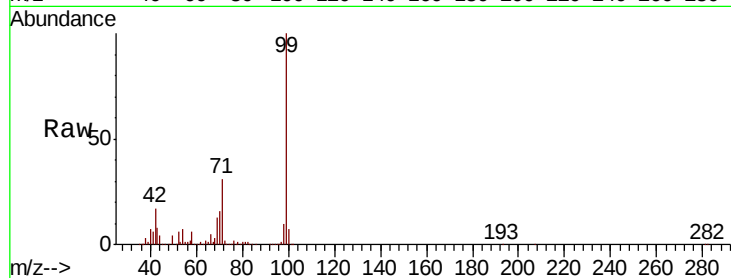
Tot Ion: 77 Resp: 4385

Ion Ratio Lower Upper

77 100

105 0.0 78.1 118.1#

106 0.0 74.3 114.3#



#10

Phenol

Concen: 0.022 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

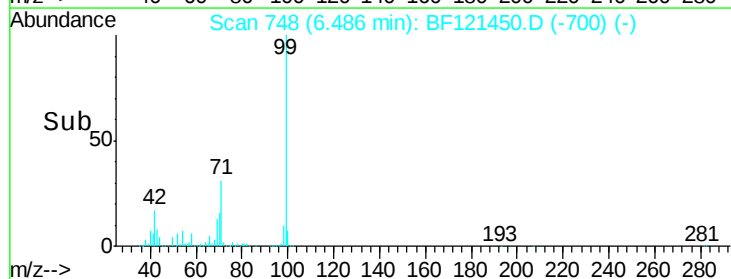
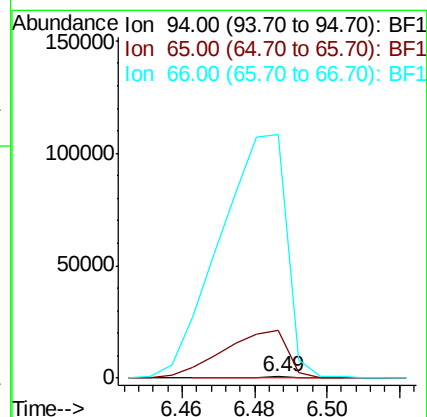
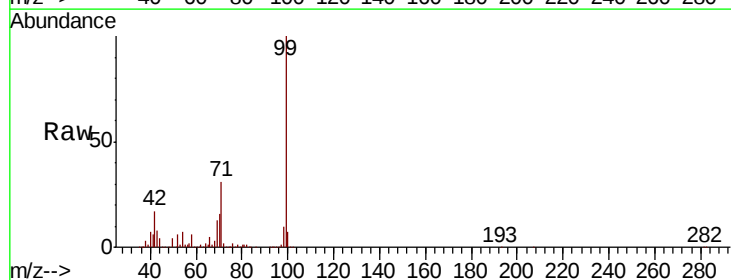
Tgt Ion: 94 Resp: 561

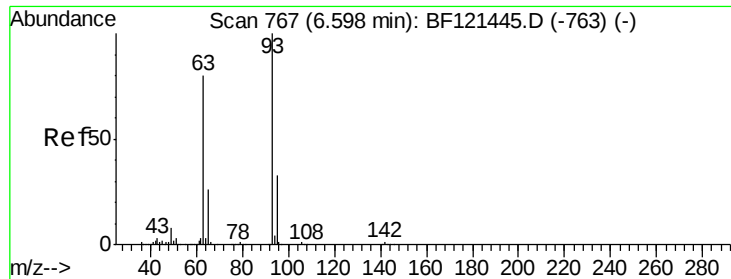
Ion Ratio Lower Upper

94 100

65 3778.1 7.9 47.9#

66 19136.4 16.0 56.0#

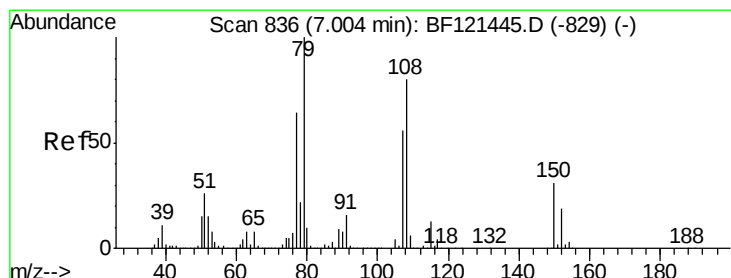
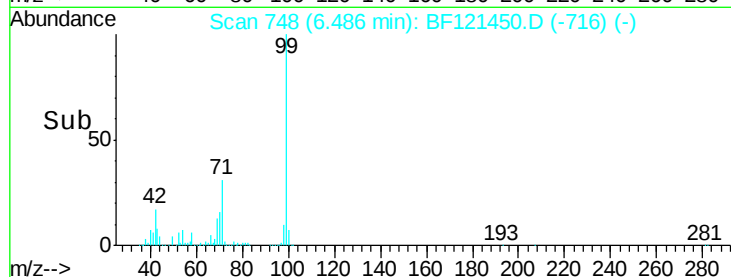
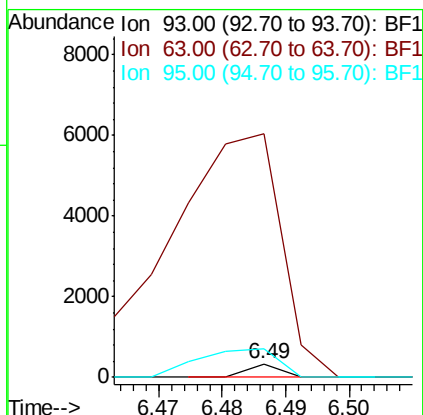
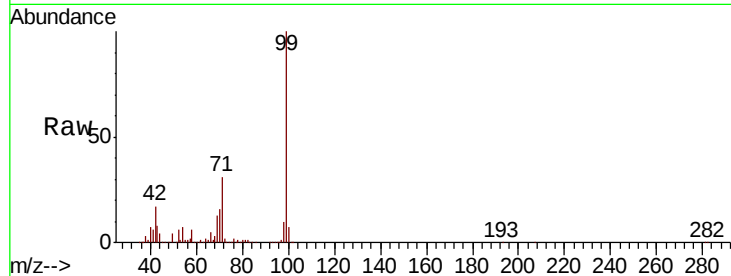




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.11 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

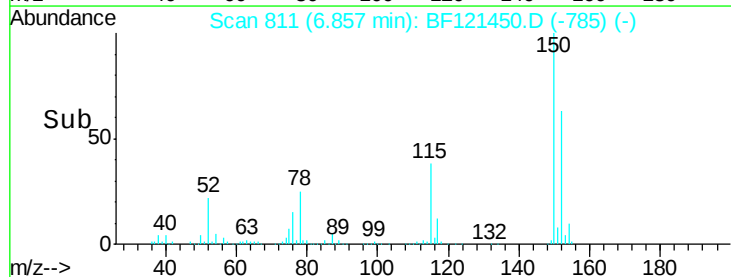
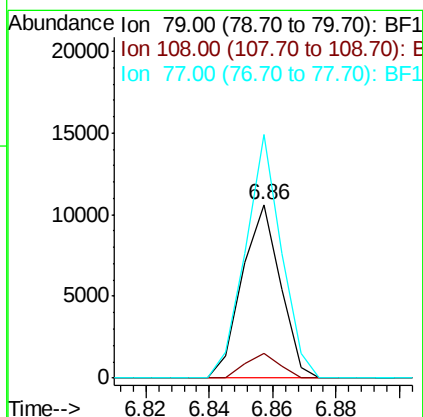
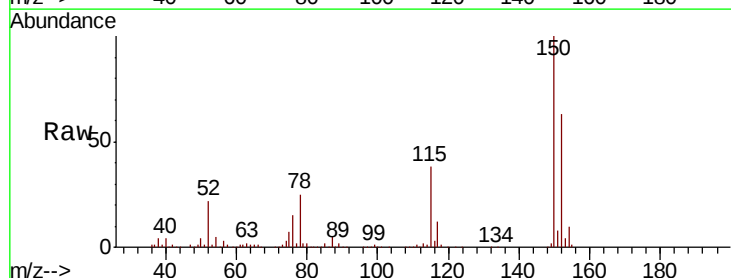
Instrument :
BNA_F
ClientSampleId :
PB131187BL

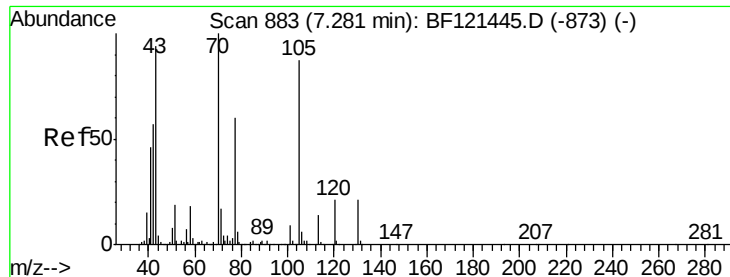
Tot Ion: 93 Resp: 121
Ion Ratio Lower Upper
93 100
63 1761.5 59.3 99.3#
95 205.8 13.0 53.0#



#15
Benzyl Alcohol
Concen: 0.509 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.15 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion: 79 Resp: 8864
Ion Ratio Lower Upper
79 100
108 14.3 64.0 96.0#
77 140.3 50.8 76.2#

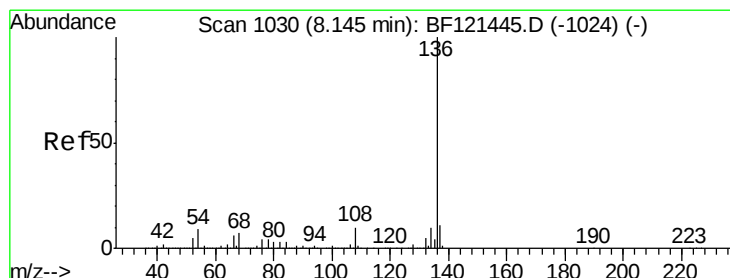
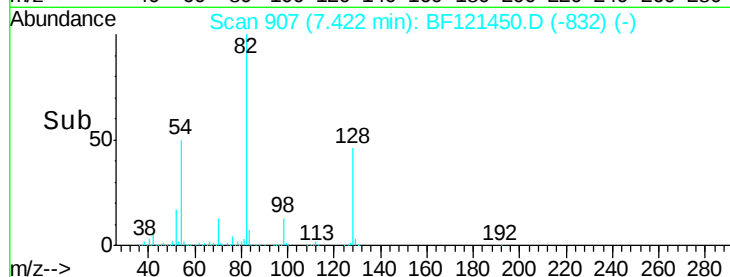
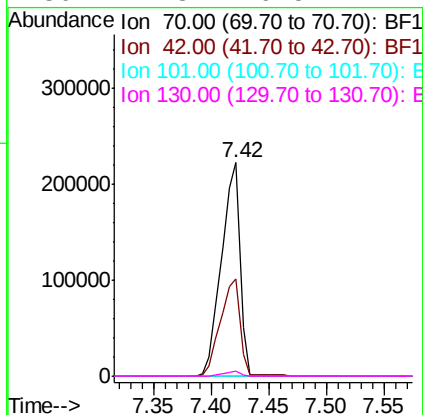
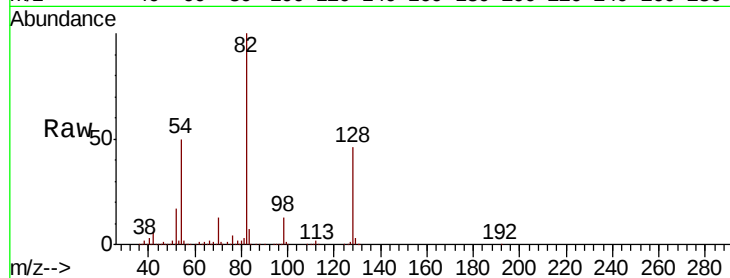




#19
n-Nitroso-di-n-propylamine
Concen: 16.909 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

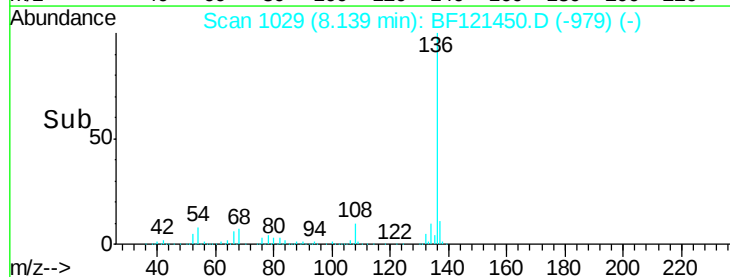
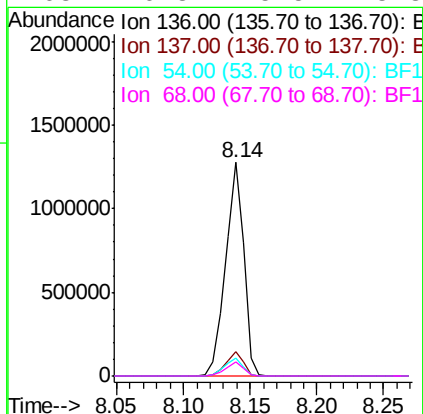
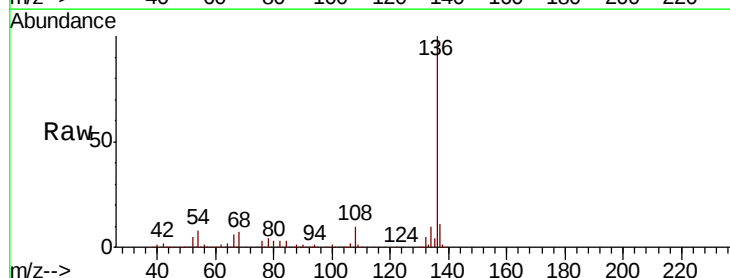
Instrument :
BNA_F
ClientSampleId :
PB131187BL

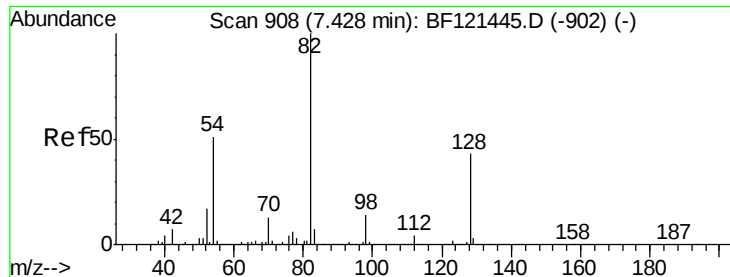
Tot Ion: 70 Resp: 250471
Ion Ratio Lower Upper
70 100
42 45.6 45.8 68.6#
101 0.0 7.5 11.3#
130 2.3 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion: 136 Resp: 1233622
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.4 7.0 10.4
68 6.8 5.5 8.3

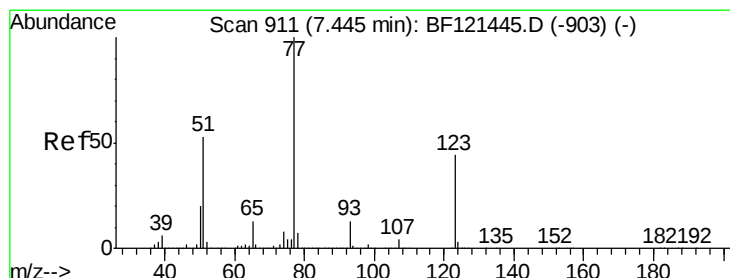
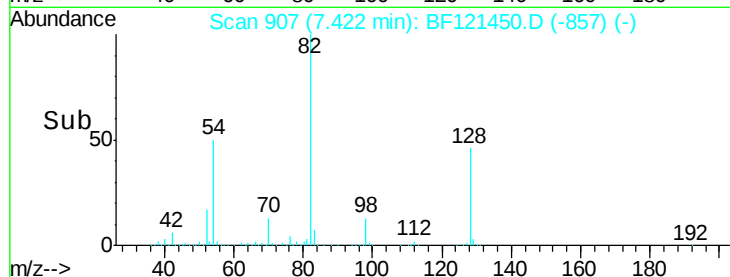
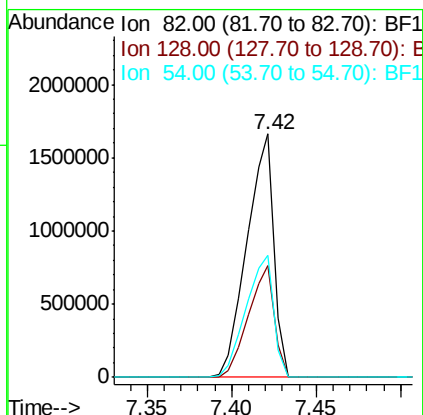
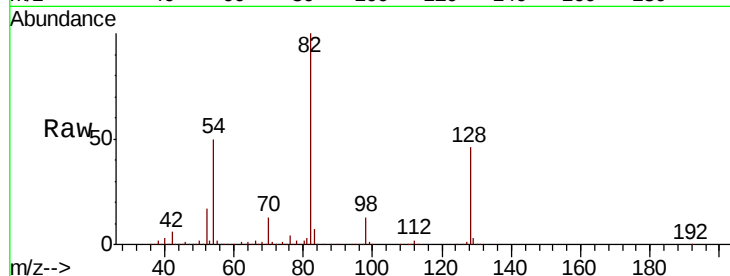




#23
 Nitrobenzene-d5
 Concen: 93.730 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

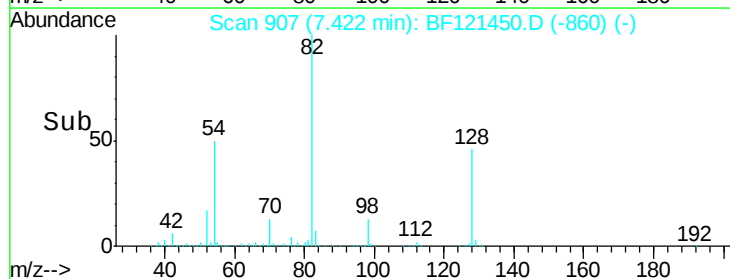
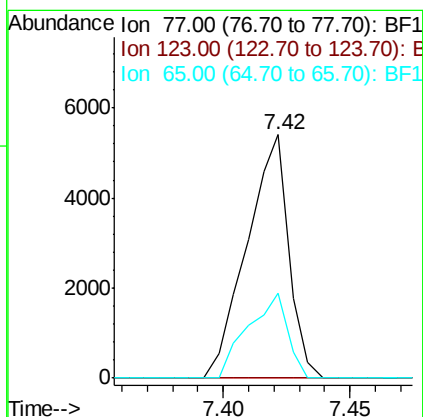
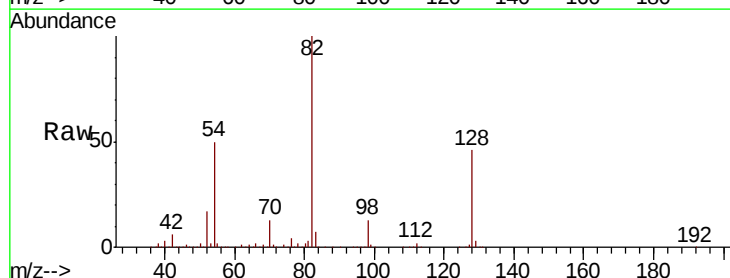
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

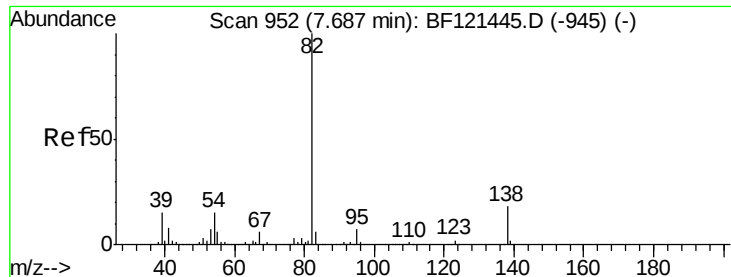
Tot Ion: 82 Resp: 1846498
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.1 51.1
 54 50.2 41.0 61.6



#24
 Nitrobenzene
 Concen: 0.344 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion: 77 Resp: 6214
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.5 53.3#
 65 35.0 10.6 16.0#





#25

Isophorone

Concen: 45.345 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

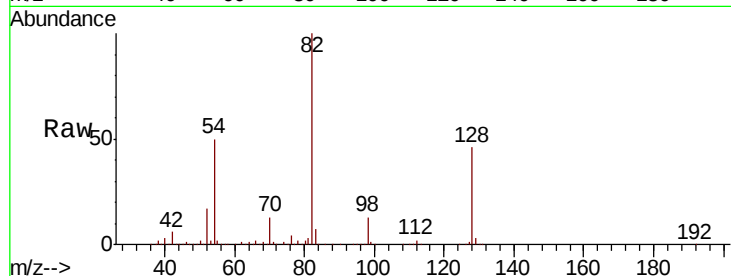
Tot Ion: 82 Resp: 1840374

Ion Ratio Lower Upper

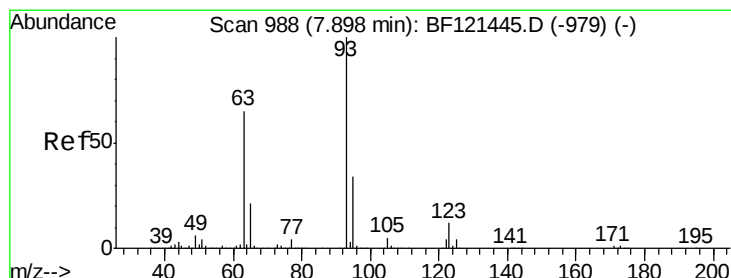
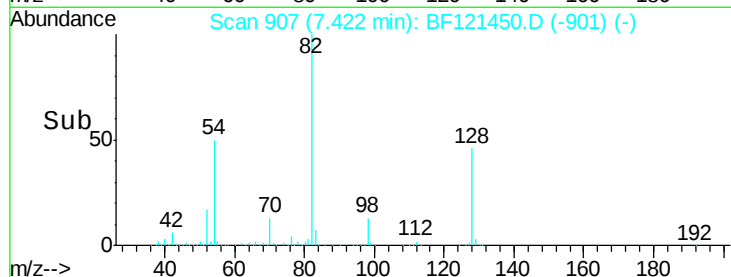
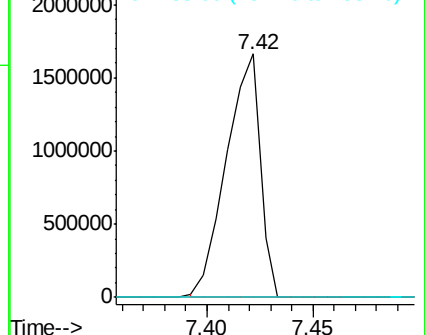
82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.010 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.25 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

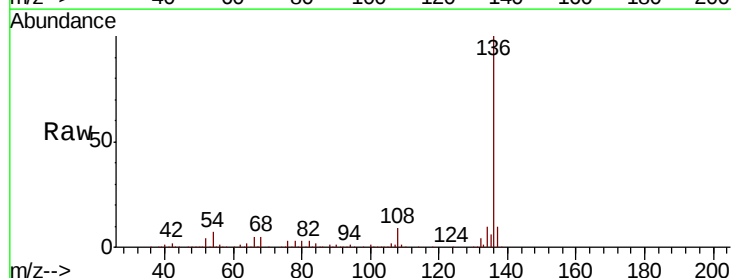
Tgt Ion: 93 Resp: 278

Ion Ratio Lower Upper

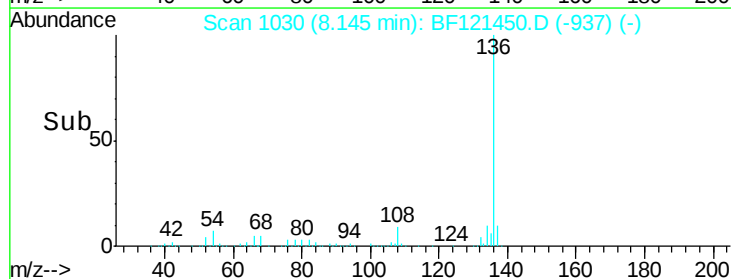
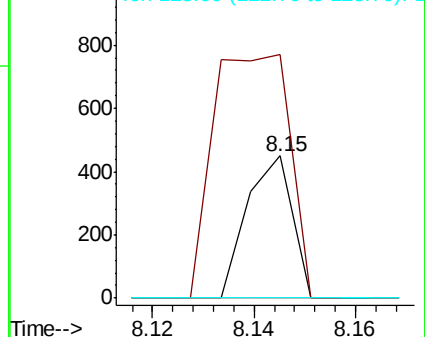
93 100

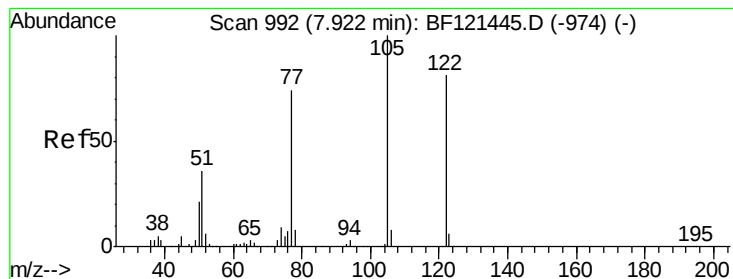
95 171.1 26.8 40.2#

123 0.0 9.6 14.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1





#32

Benzoic acid

Concen: 6.676 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.22 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

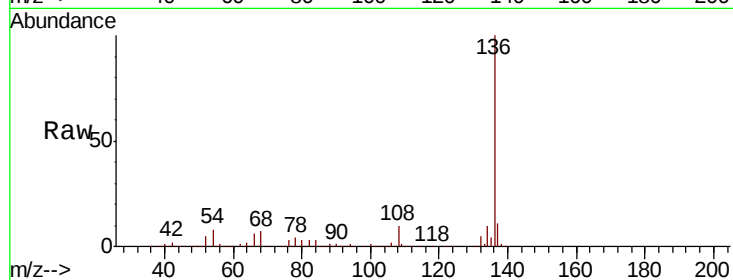
Tot Ion:122 Resp: 135

Ion Ratio Lower Upper

122 100

105 299.2 100.8 140.8#

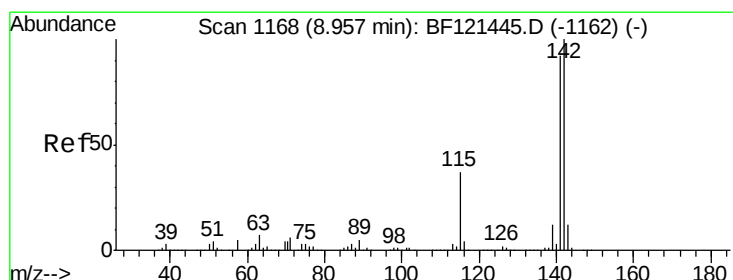
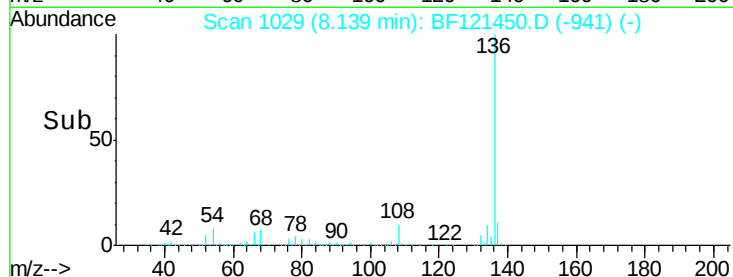
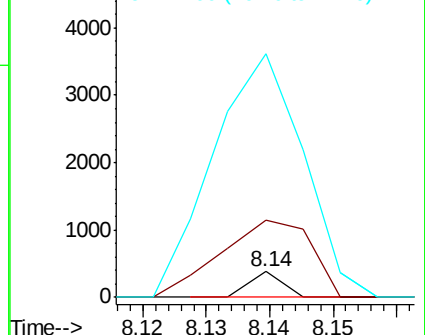
77 943.6 71.5 111.5#



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



#38

1-Methylnaphthalene

Concen: 0.045 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.26 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

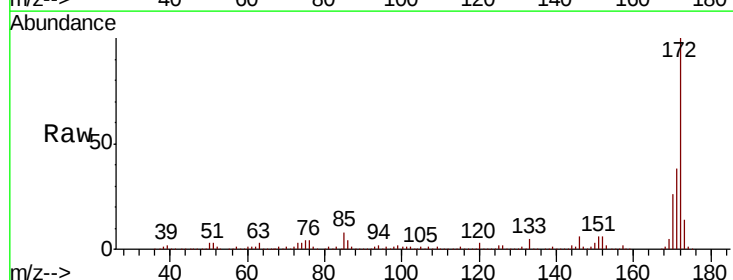
Tgt Ion:142 Resp: 1718

Ion Ratio Lower Upper

142 100

141 69.4 73.7 110.5#

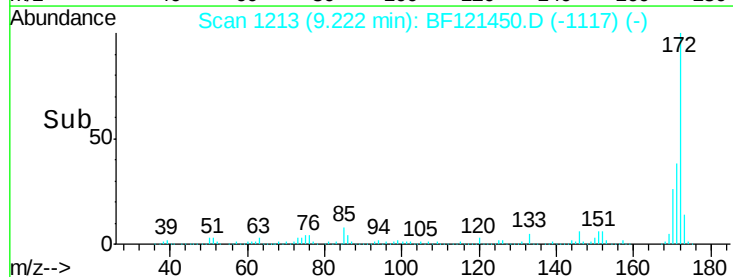
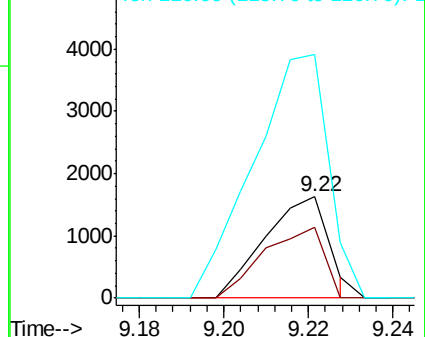
116 240.1 3.1 4.7#

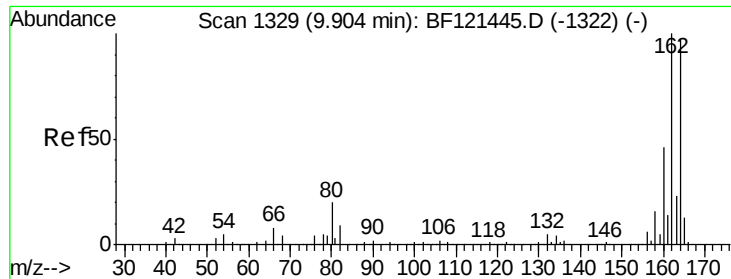


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

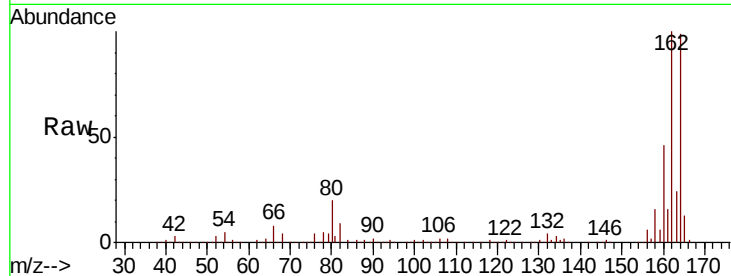




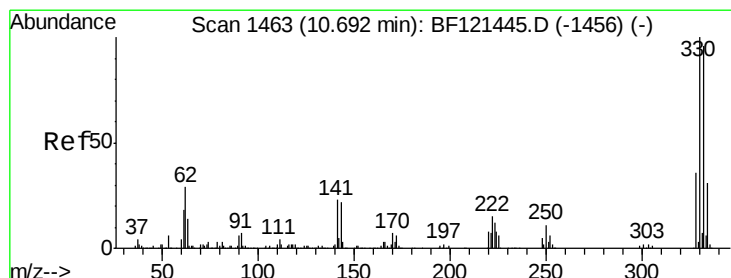
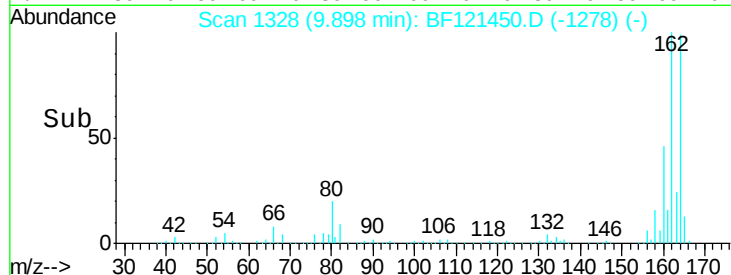
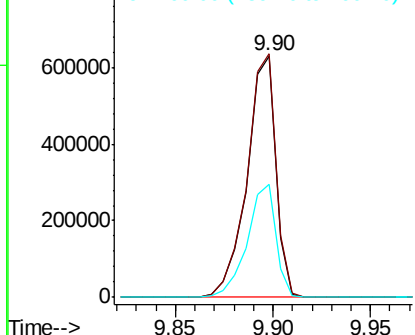
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Instrument :
BNA_F
ClientSampleId :
PB131187BL

Tot Ion:164 Resp: 643506
Ion Ratio Lower Upper
164 100
162 100.9 82.4 123.6
160 46.7 37.6 56.4

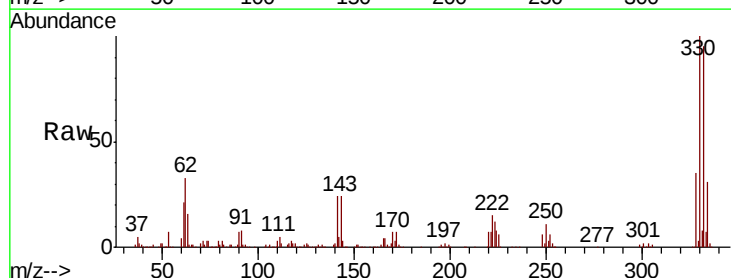


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

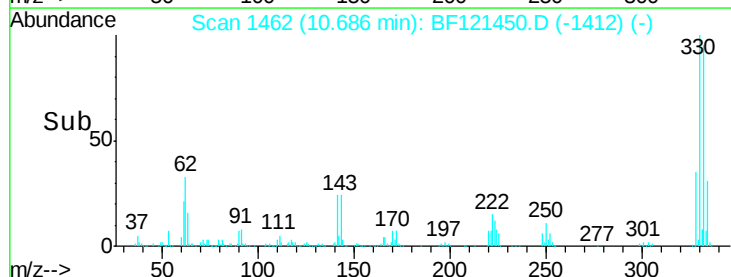
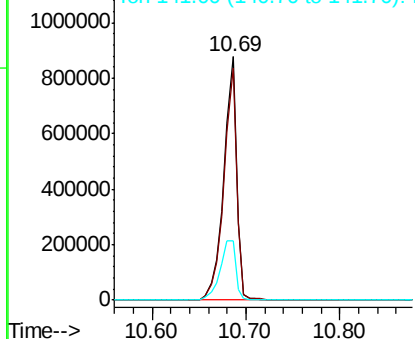


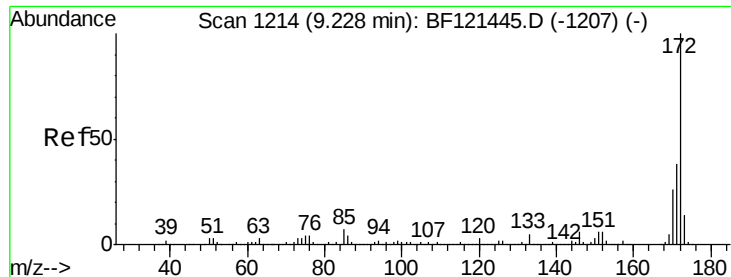
#42
2,4,6-Tribromophenol
Concen: 129.768 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion:330 Resp: 843459
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.2
141 29.9 24.6 36.8



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

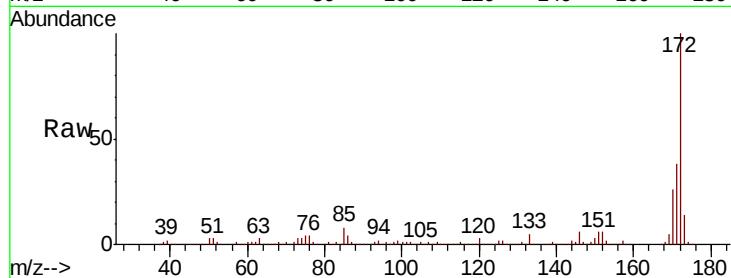




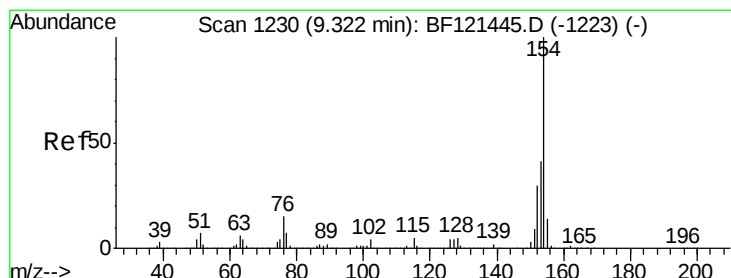
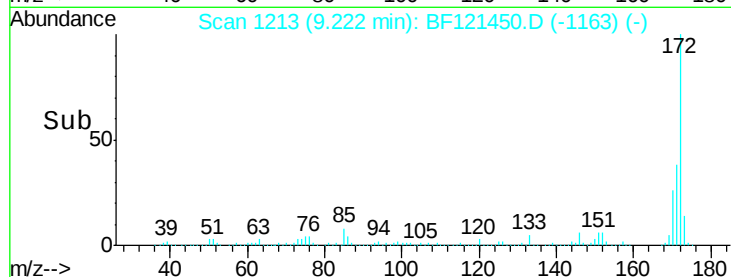
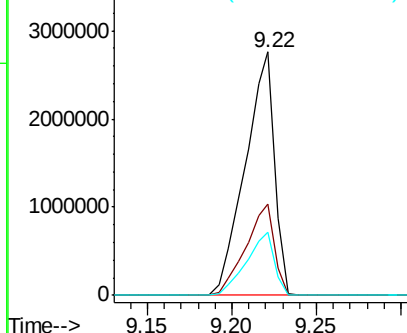
#45
2-Fluorobiphenyl
Concen: 95.166 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Instrument :
BNA_F
ClientSampleId :
PB131187BL

Tot Ion:172 Resp: 3337815
Ion Ratio Lower Upper
172 100
171 37.6 30.6 45.8
170 26.0 20.6 31.0

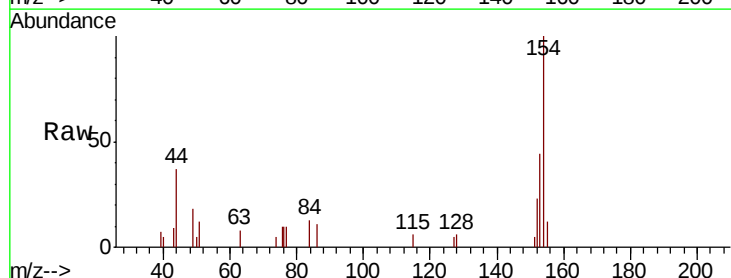


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

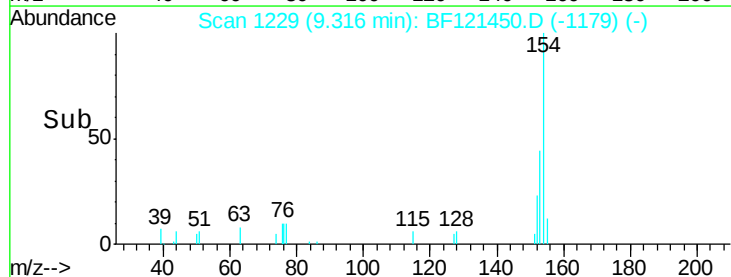
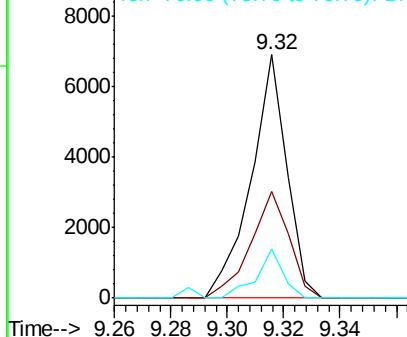


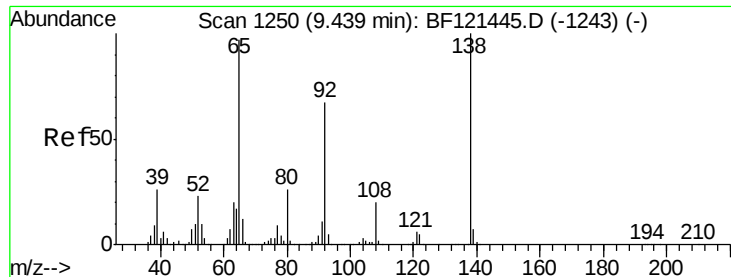
#46
1,1'-Biphenyl
Concen: 0.125 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion:154 Resp: 6073
Ion Ratio Lower Upper
154 100
153 44.0 21.2 61.2
76 19.9 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

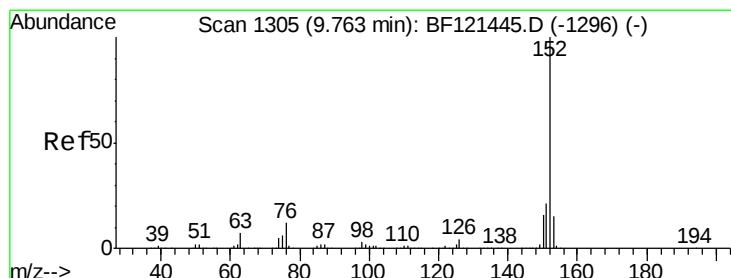
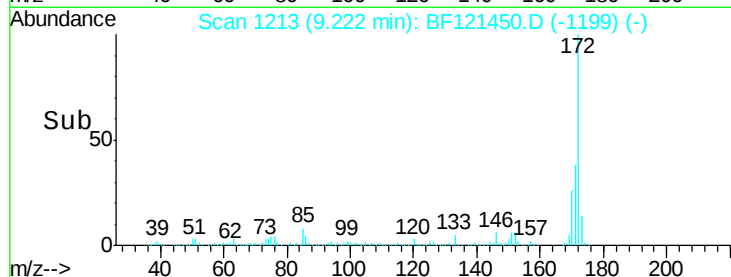
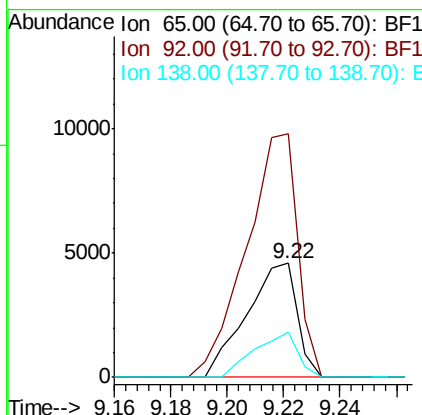
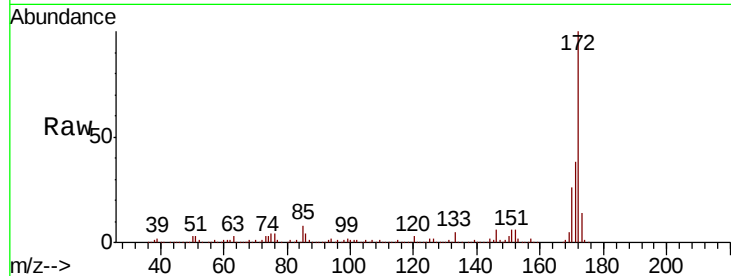




#48
2-Nitroaniline
Concen: 7.087 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.22 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

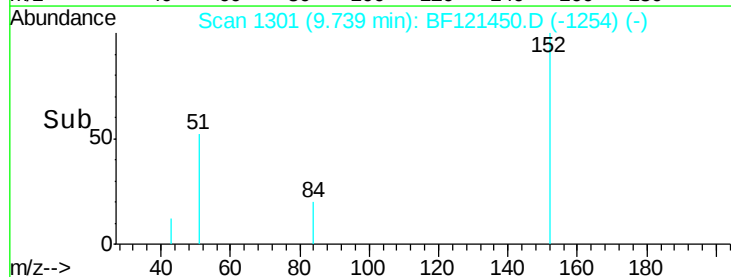
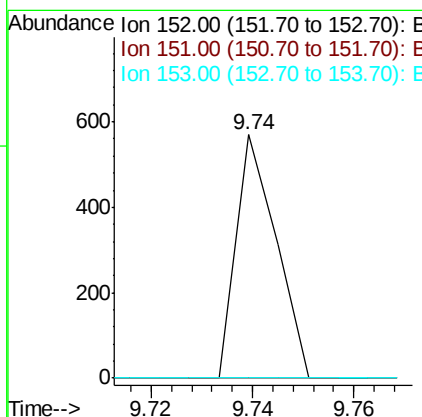
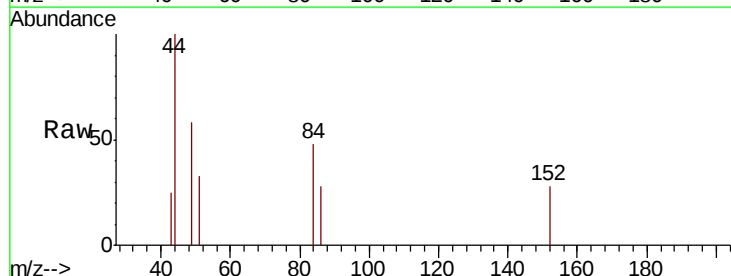
Instrument :
BNA_F
ClientSampled :
PB131187BL

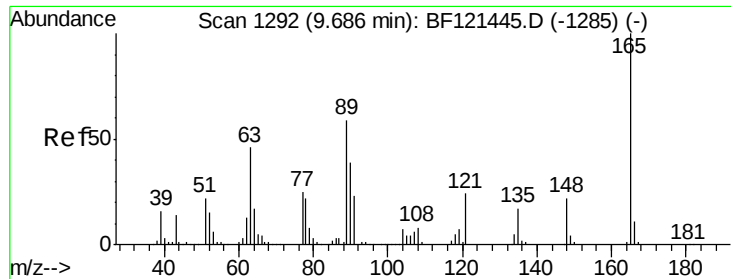
Tot Ion: 65 Resp: 5712
Ion Ratio Lower Upper
65 100
92 214.0 55.6 83.4#
138 39.4 82.9 124.3#



#49
Acenaphthylene
Concen: 0.005 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion: 152 Resp: 311
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 11.6 17.4#

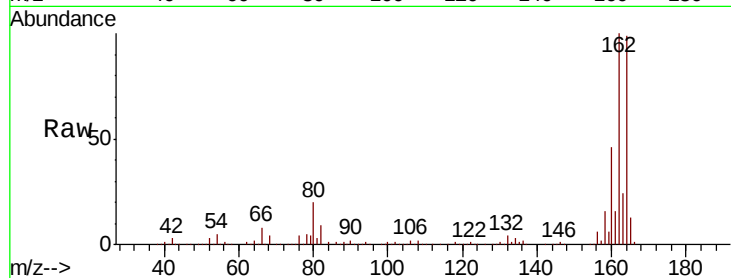




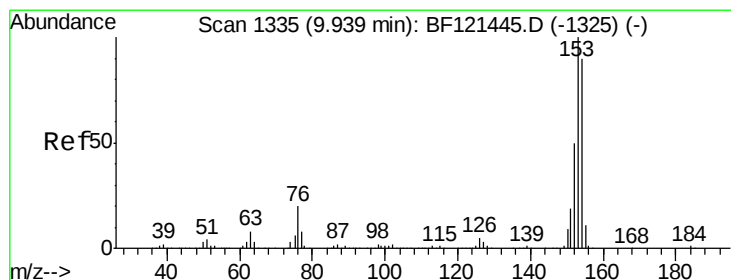
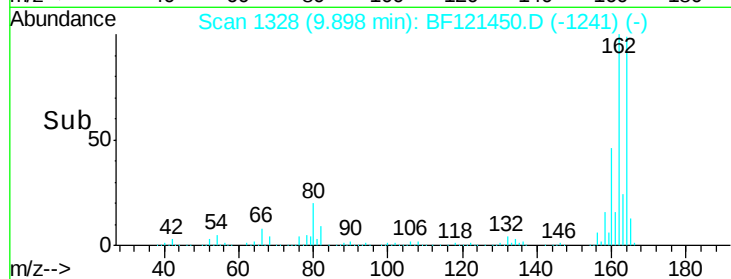
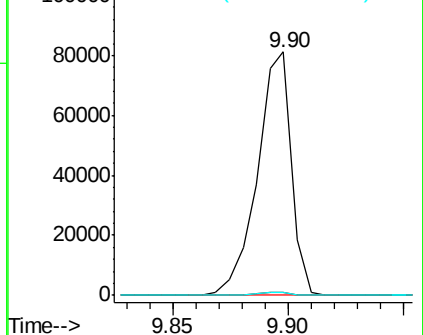
#51
 2,6-Dinitrotoluene
 Concen: 15.107 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.6	65.4#
89	1.3	47.4	71.2#

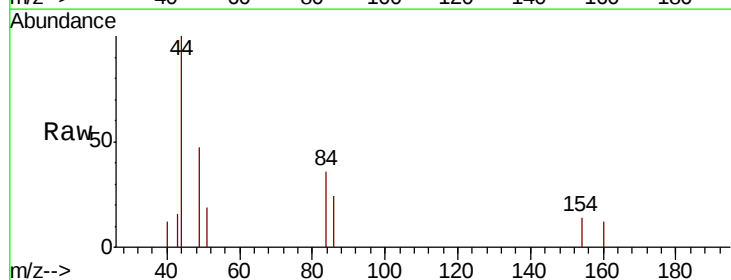


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

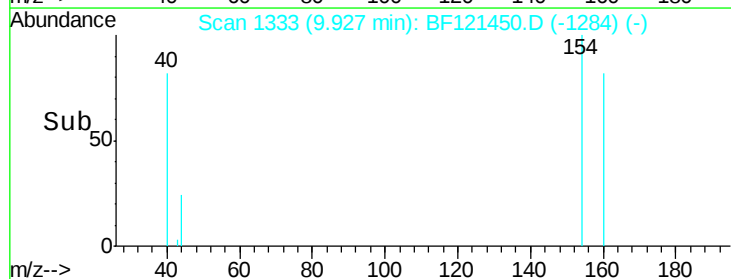
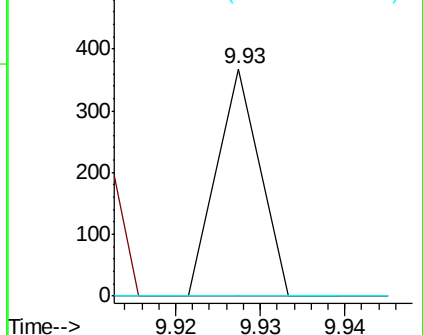


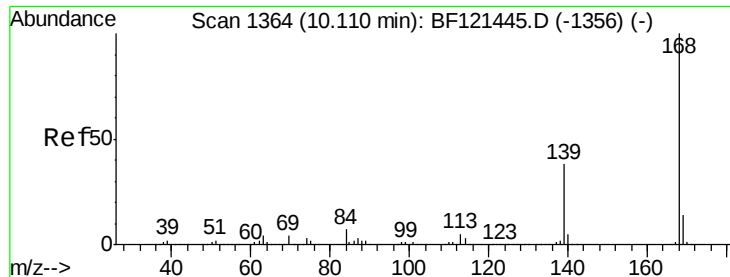
#52
 Acenaphthene
 Concen: 0.003 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.9	133.3#
152	0.0	44.1	66.1#



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: 0.002 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.03 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

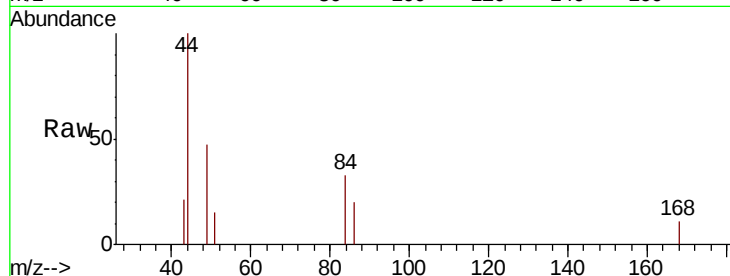
Tot Ion:168 Resp: 108

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

169 0.0 11.2 16.8#



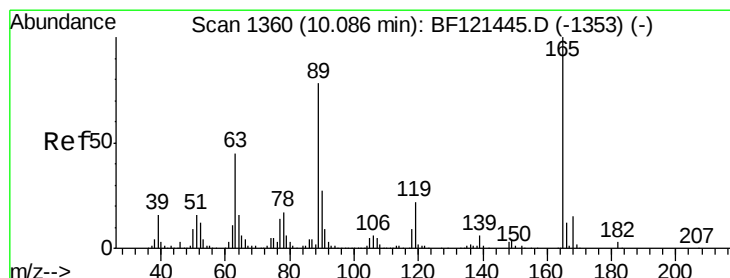
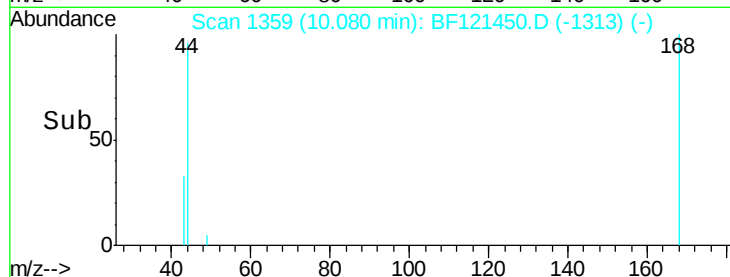
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

10.08

Time-->



#57

2,4-Dinitrotoluene

Concen: 14.188 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.19 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Tgt Ion:165 Resp: 83086

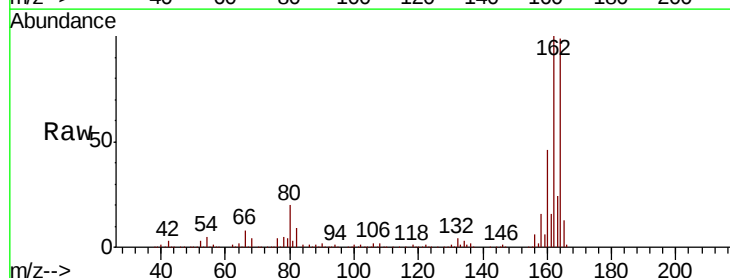
Ion Ratio Lower Upper

165 100

63 1.1 36.0 54.0#

89 1.3 62.6 93.8#

182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E

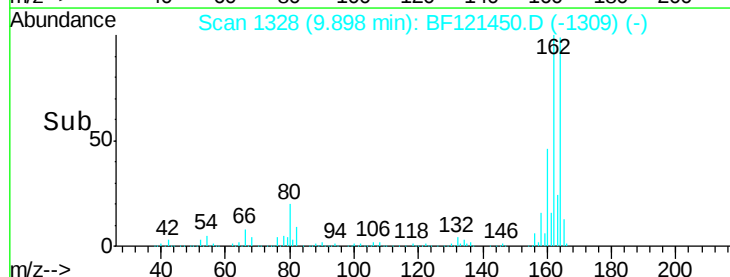
Ion 63.00 (62.70 to 63.70): BF1

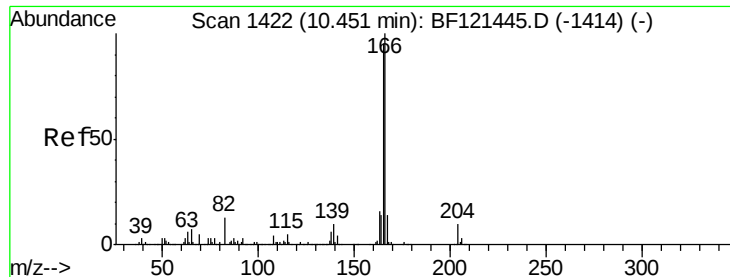
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

9.90

Time-->





#58

Fluorene

Concen: 0.823 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.24 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

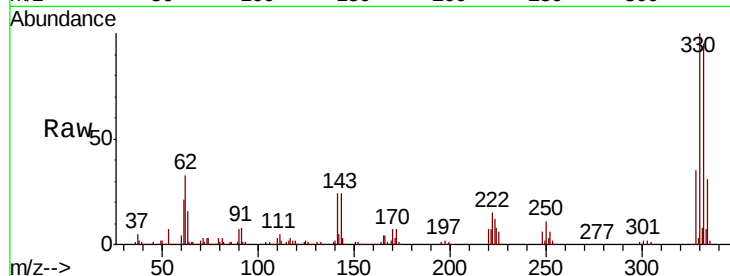
Tot Ion:166 Resp: 34070

Ion Ratio Lower Upper

166 100

165 98.4 75.7 113.5

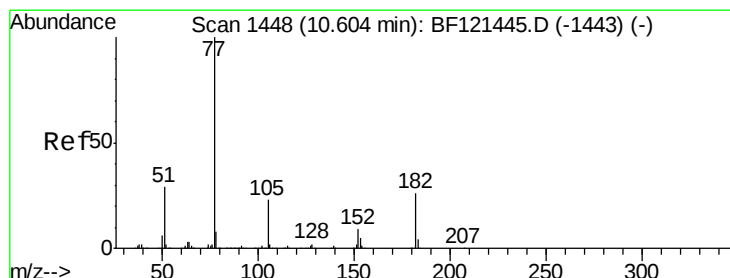
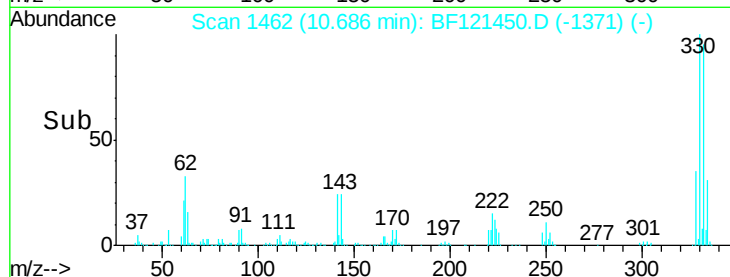
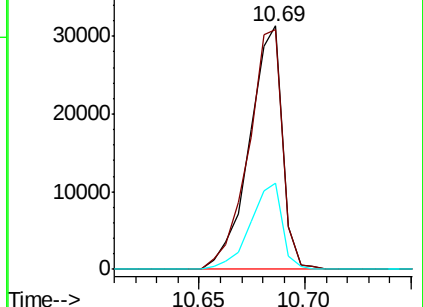
167 35.3 11.1 16.7#



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



#63

Azobenzene

Concen: 0.102 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.08 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Tgt Ion: 77 Resp: 4459

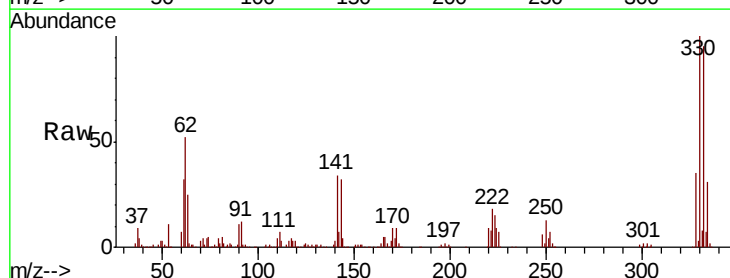
Ion Ratio Lower Upper

77 100

182 0.0 6.2 46.2#

105 83.6 3.3 43.3#

51 90.2 9.5 49.5#

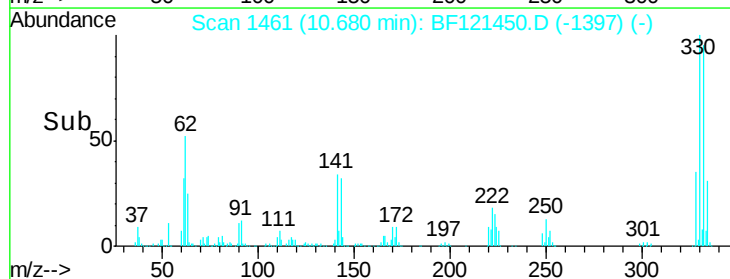
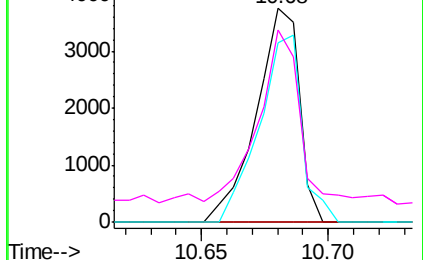


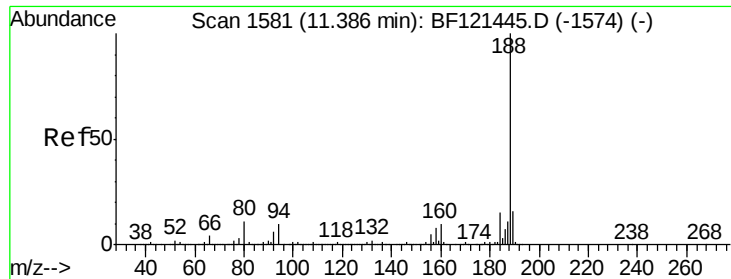
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

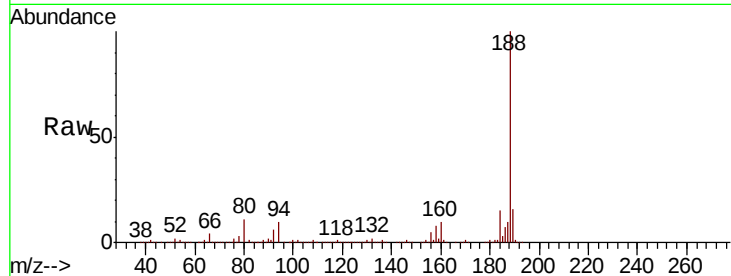
Tot Ion:188 Resp: 1226125

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

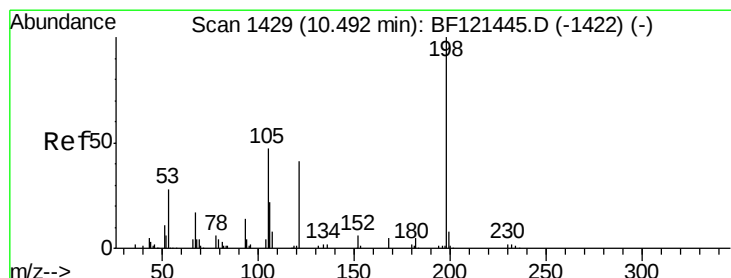
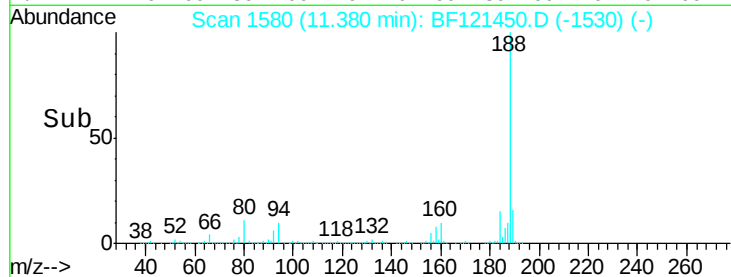
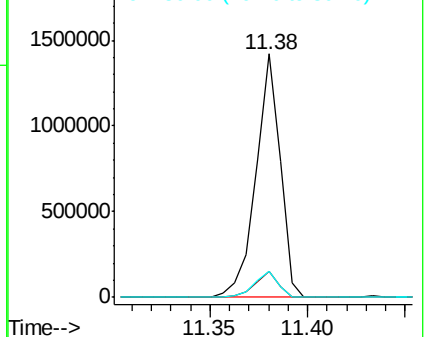
80 10.8 8.6 13.0



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: 6.300 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.19 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

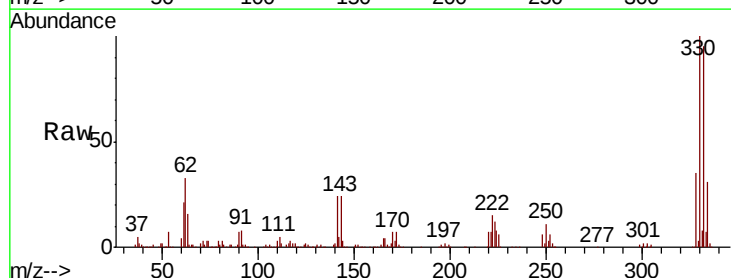
Tgt Ion:198 Resp: 1850

Ion Ratio Lower Upper

198 100

51 155.5 29.0 69.0#

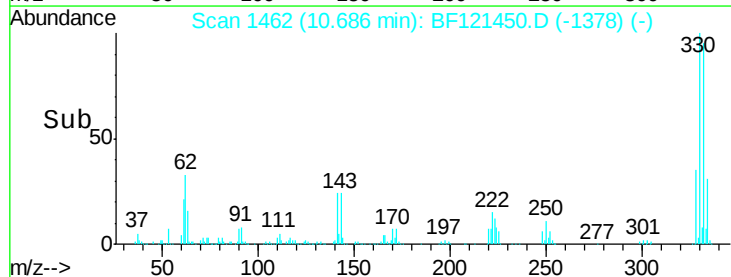
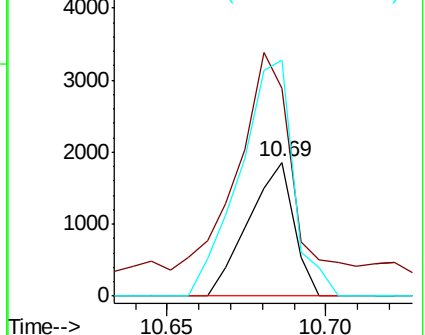
105 176.6 29.1 69.1#

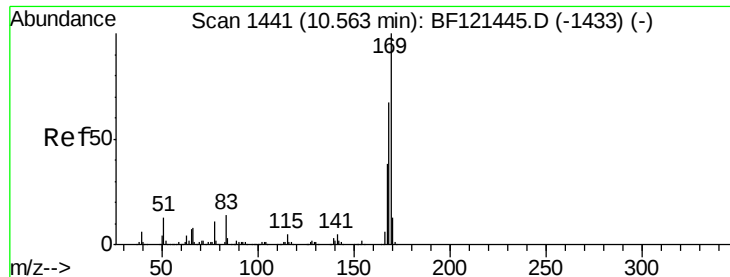


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

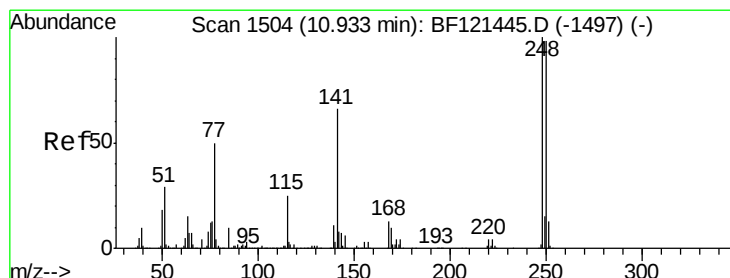
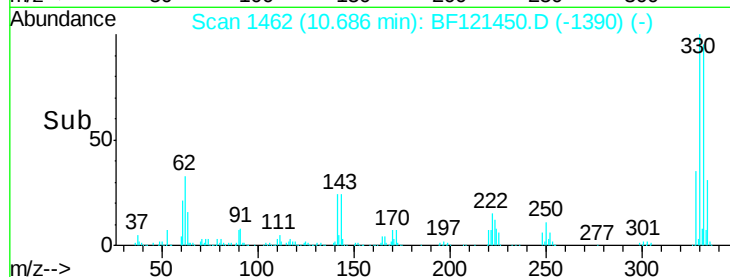
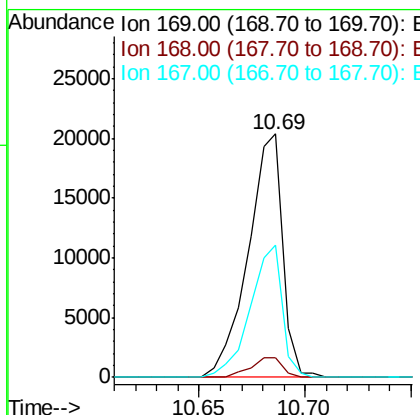
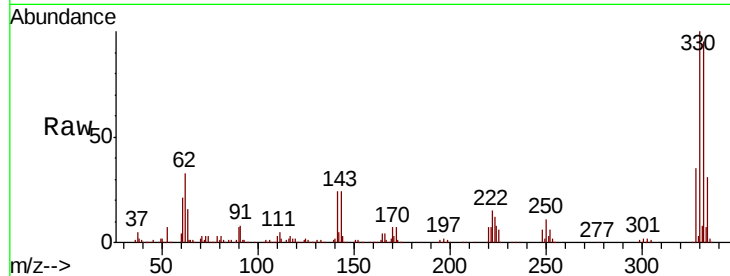




#66
 n-Nitrosodiphenylamine
 Concen: 0.598 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.12 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

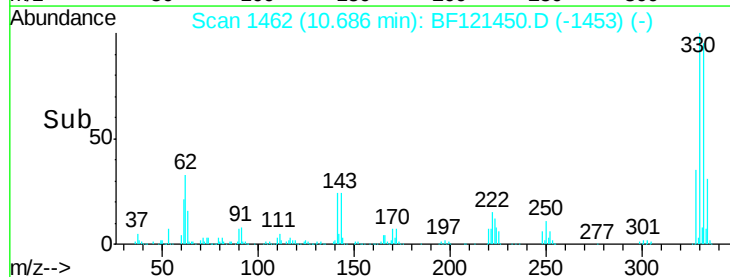
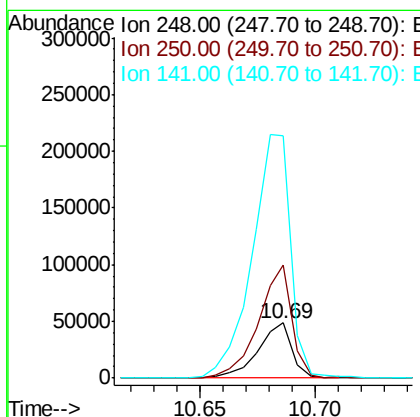
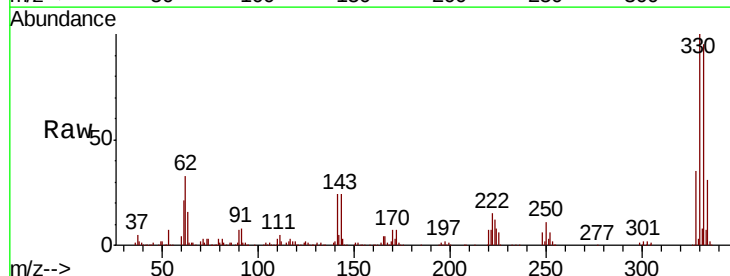
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

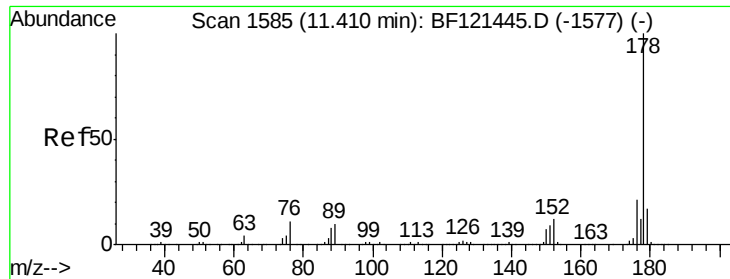
Tot Ion:169 Resp: 23179
 Ion Ratio Lower Upper
 169 100
 168 8.2 54.0 81.0#
 167 54.3 30.2 45.2#



#67
 4-Bromophenyl-phenylether
 Concen: 3.647 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion:248 Resp: 49192
 Ion Ratio Lower Upper
 248 100
 250 203.4 78.7 118.1#
 141 437.4 52.6 78.8#





#71

Phenanthrene

Concen: 0.013 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

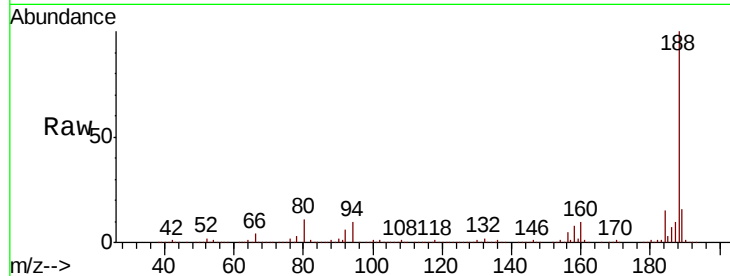
Tot Ion:178 Resp: 843

Ion Ratio Lower Upper

178 100

176 0.0 16.9 25.3#

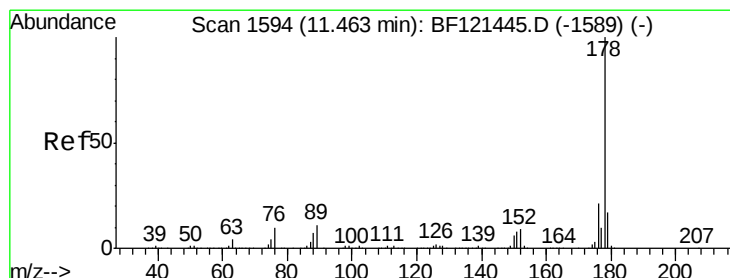
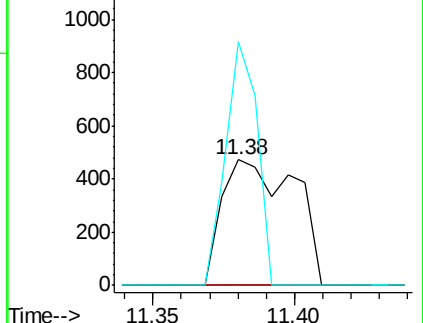
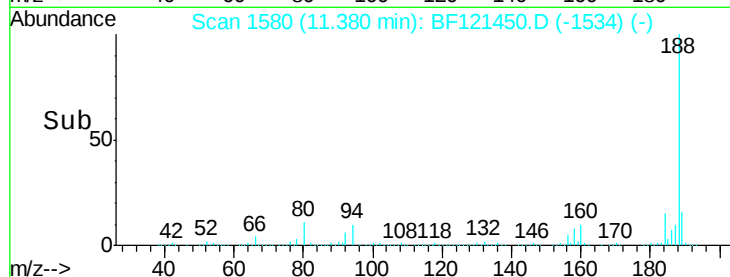
179 194.1 13.4 20.0#



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: 0.014 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.08 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

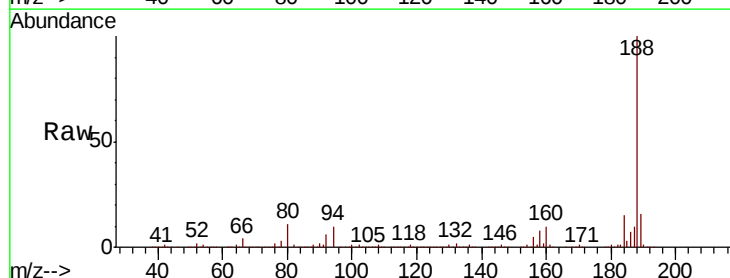
Tgt Ion:178 Resp: 843

Ion Ratio Lower Upper

178 100

176 0.0 16.7 25.1#

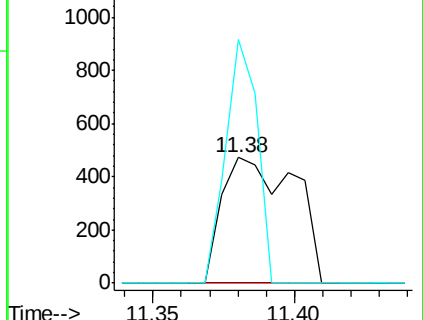
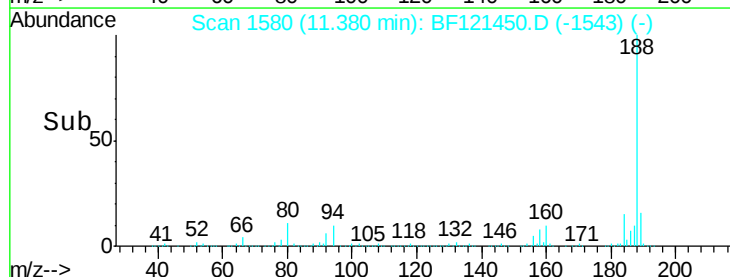
179 194.1 13.4 20.2#

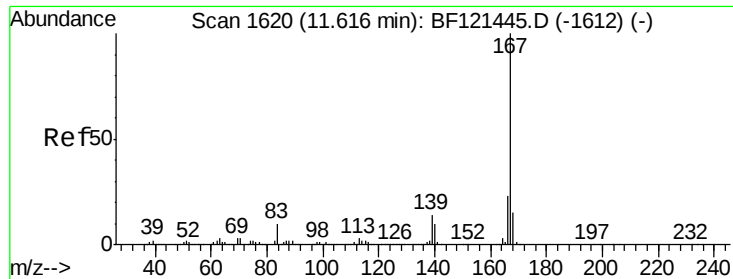


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

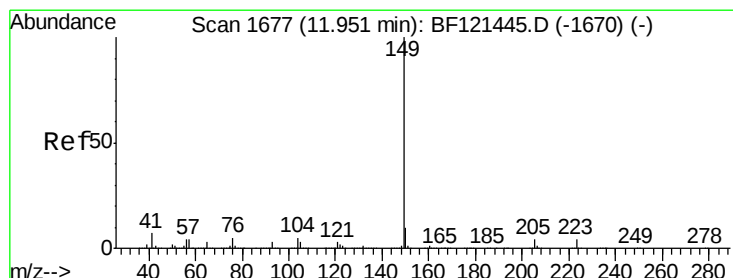
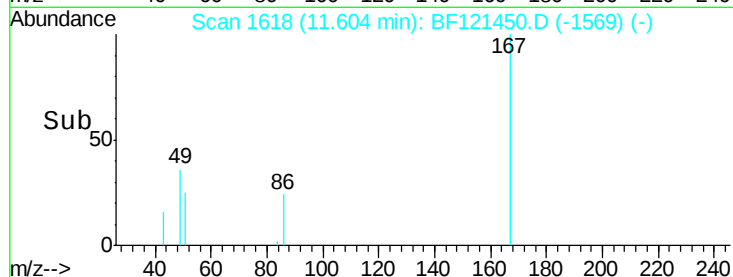
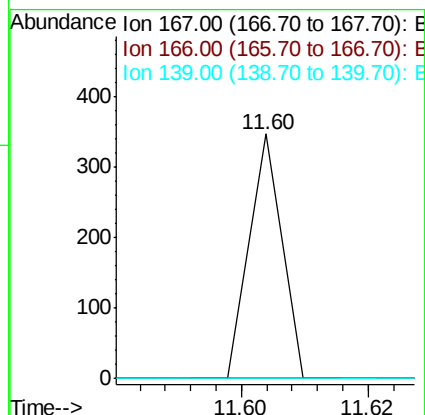
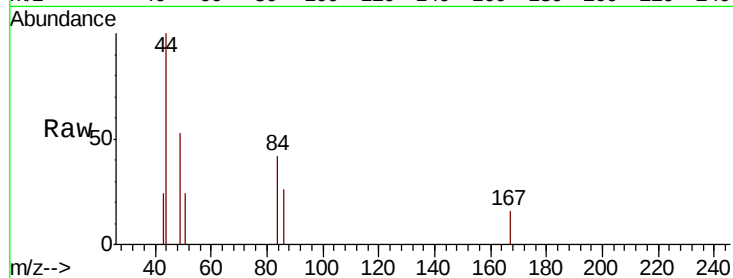




#73
 Carbazole
 Concen: 0.002 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

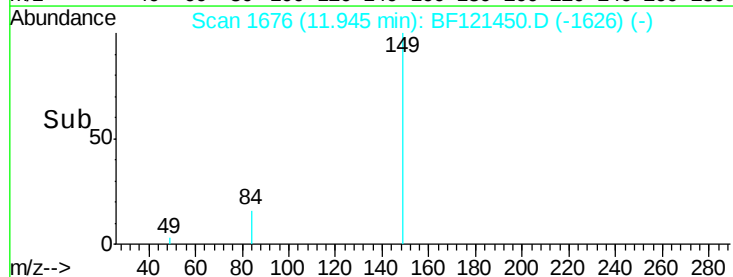
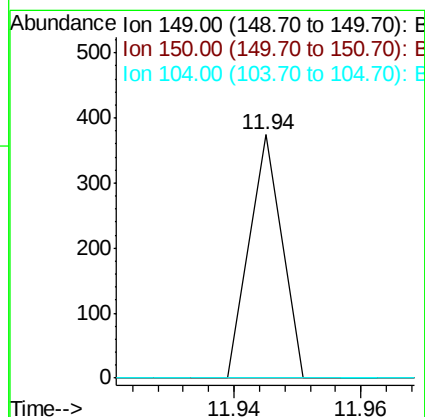
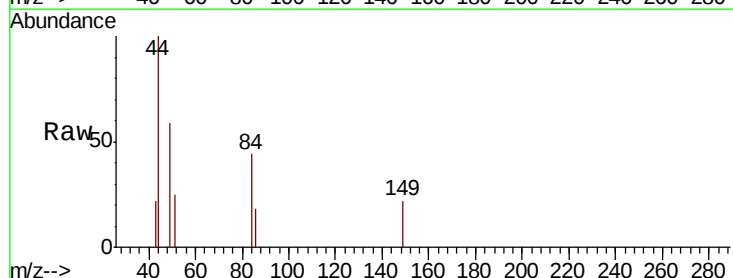
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

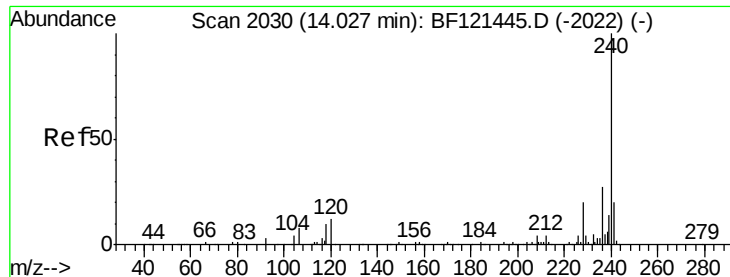
Tot Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.4	27.6#
139	0.0	11.0	16.6#



#74
 Di-n-butylphthalate
 Concen: 0.002 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.2	6.4#

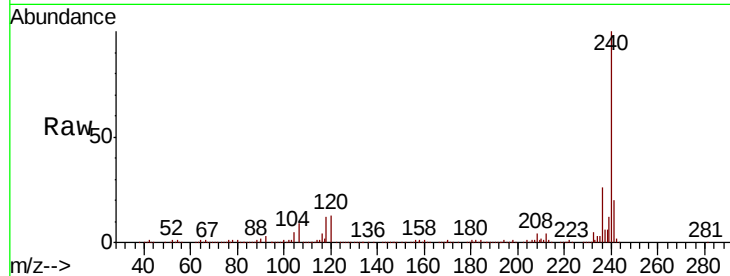




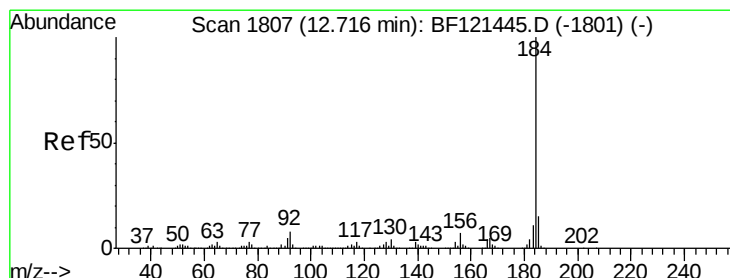
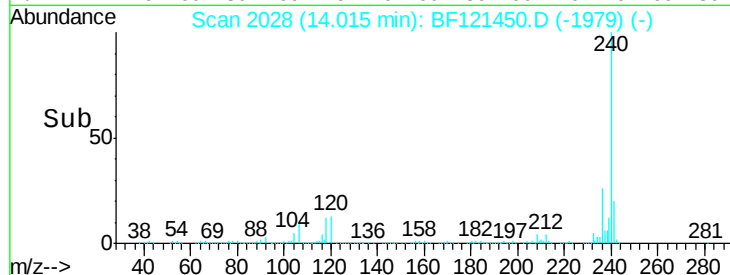
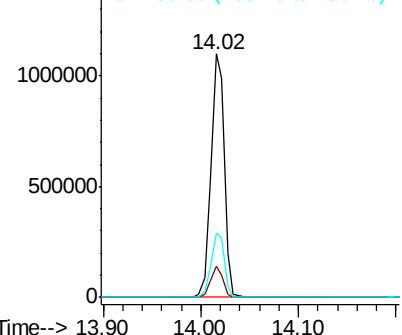
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Instrument :
BNA_F
ClientSampleId :
PB131187BL

Tot Ion:240 Resp: 1032092
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.5 21.8 32.6

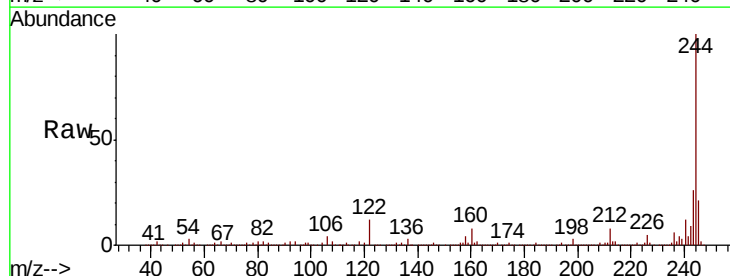


Abundance Ion 240.00 (239.70 to 240.70): E
1500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

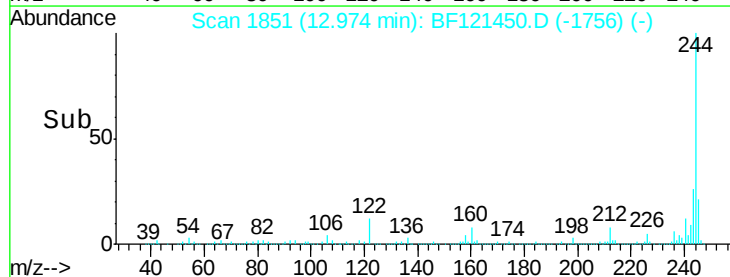
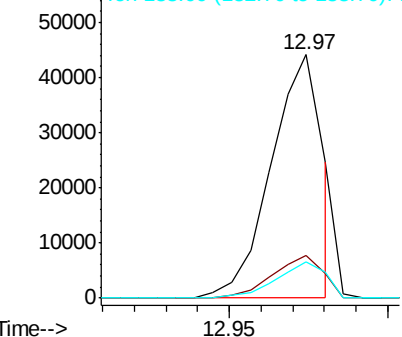


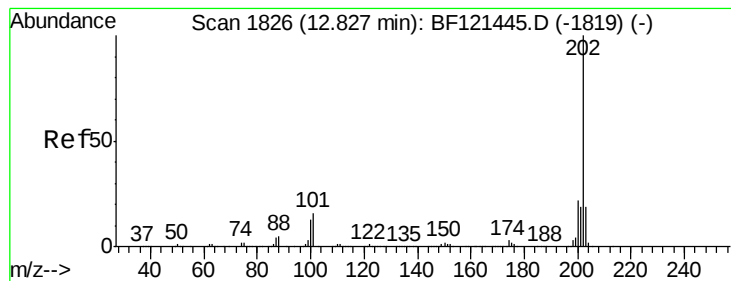
#77
Benzidine
Concen: 2.217 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.26 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion:184 Resp: 49912
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 14.8 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E
60000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.168 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.15 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

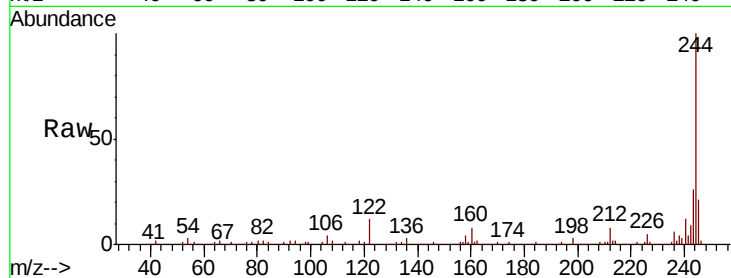
Tot Ion:202 Resp: 12387

Ion Ratio Lower Upper

202 100

200 49.4 18.0 27.0#

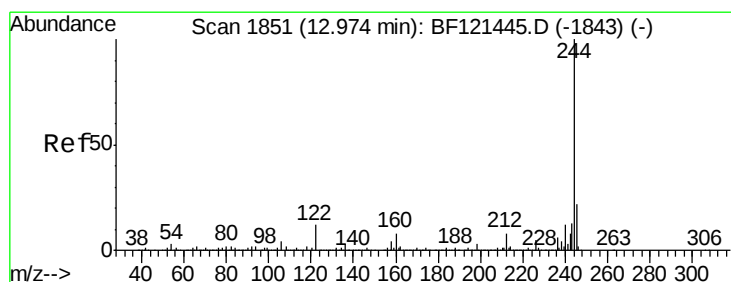
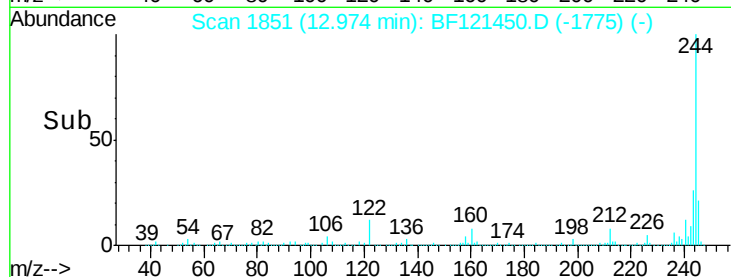
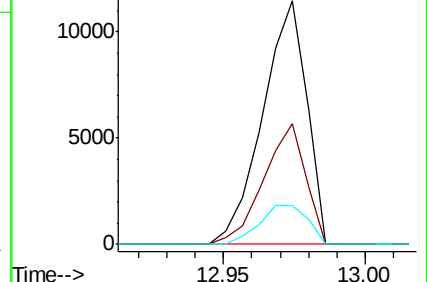
203 15.7 15.3 22.9



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: 70.829 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

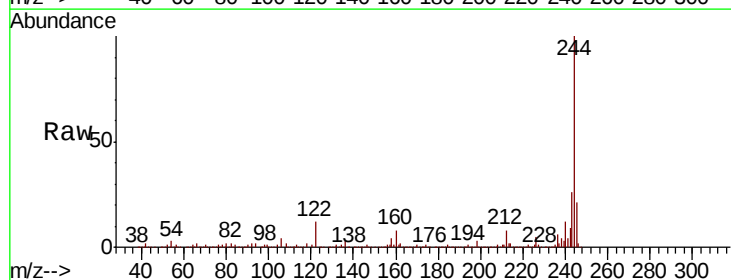
Tgt Ion:244 Resp: 3472875

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

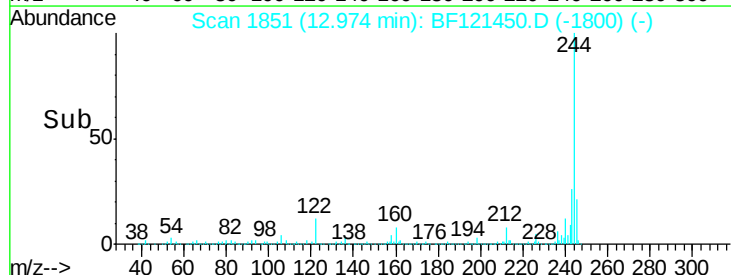
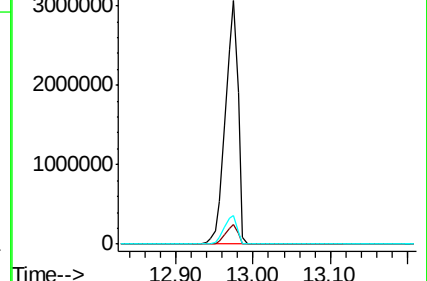
122 11.5 9.5 14.3

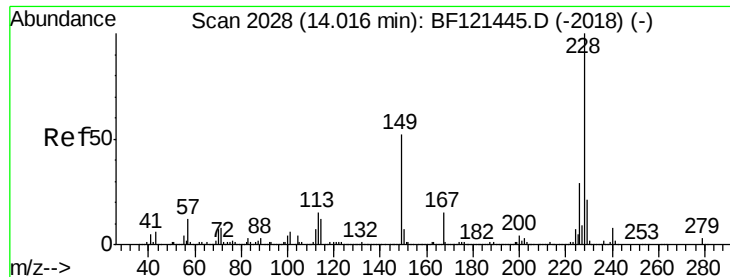


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

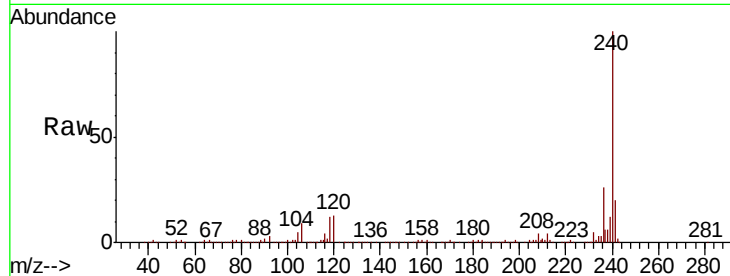




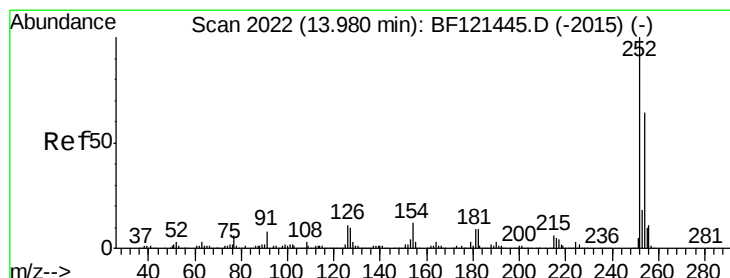
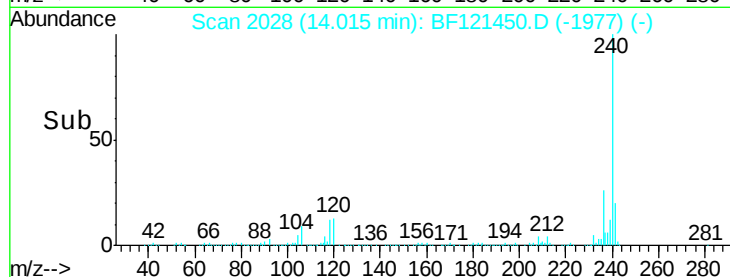
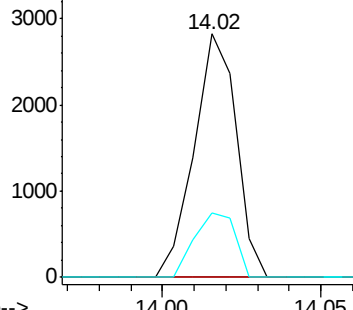
#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Instrument :
BNA_F
ClientSampleId :
PB131187BL

Tot Ion:228 Resp: 2607
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.4#
229 26.7 16.6 24.8#

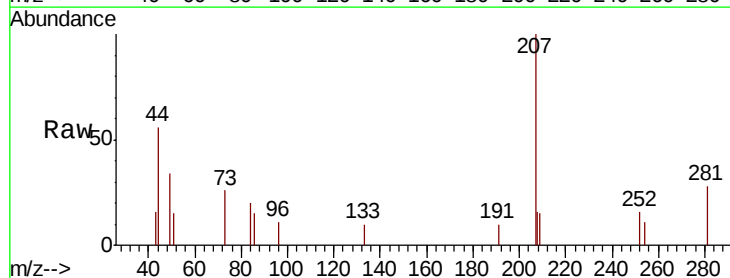


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

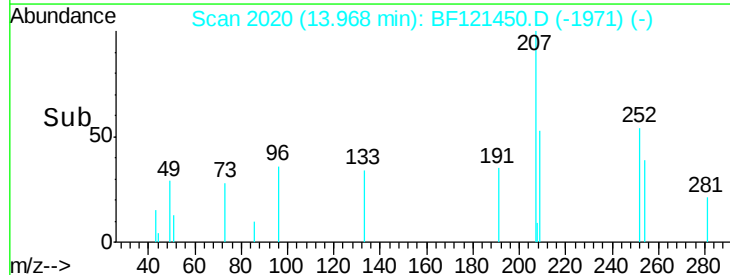
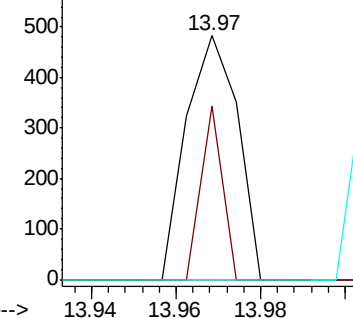


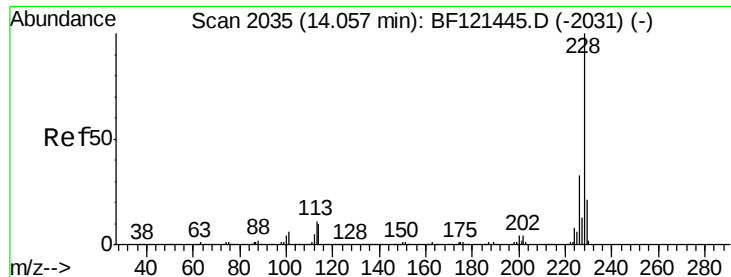
#82
3,3'-Dichlorobenzidine
Concen: 0.018 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion:252 Resp: 409
Ion Ratio Lower Upper
252 100
254 71.2 51.4 77.2
126 0.0 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.041 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

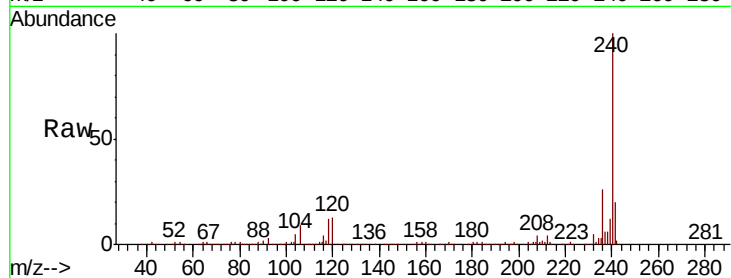
Tot Ion:228 Resp: 2607

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.2#

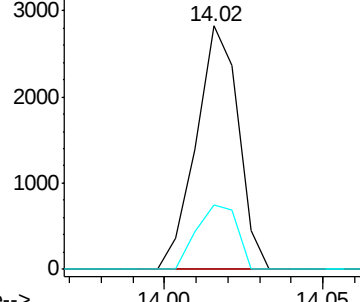
229 26.7 16.6 25.0#



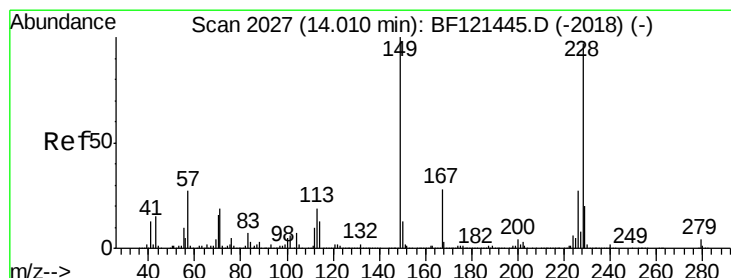
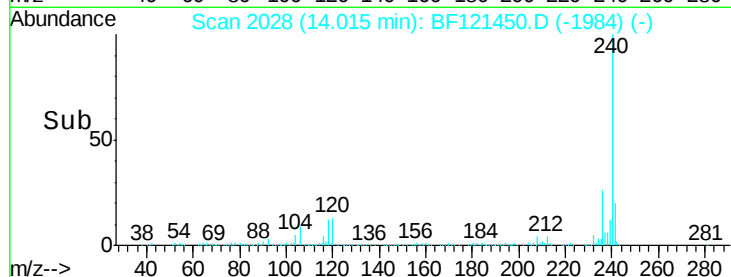
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.007 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

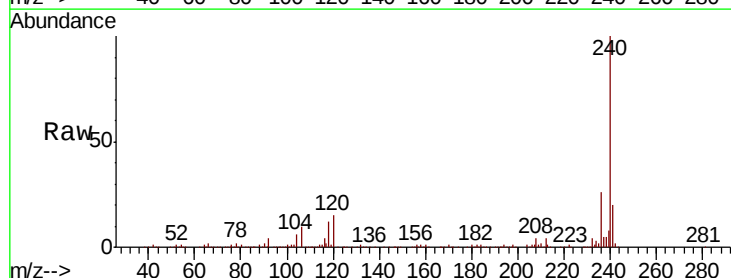
Tgt Ion:149 Resp: 268

Ion Ratio Lower Upper

149 100

167 68.7 22.6 34.0#

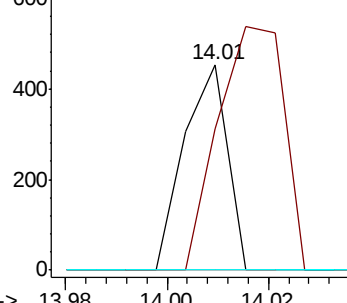
279 0.0 3.3 4.9#



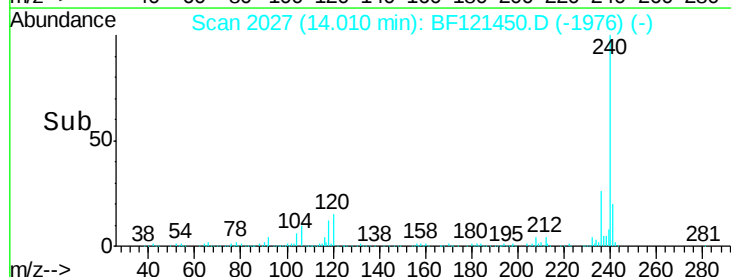
Abundance Ion 149.00 (148.70 to 149.70): E

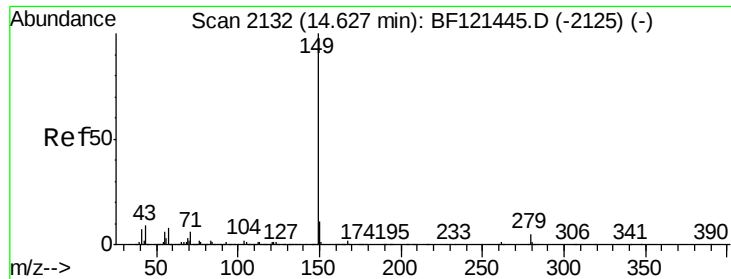
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 0.021 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.23 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

Instrument :

BNA_F

ClientSampleId :

PB131187BL

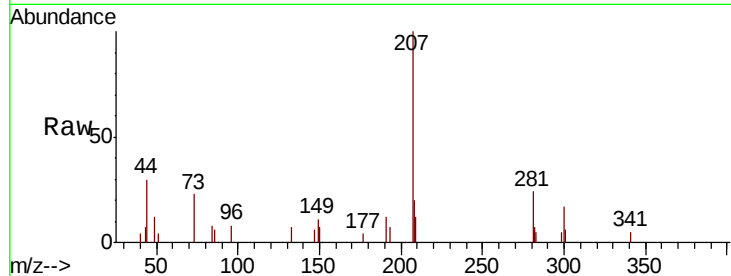
Tot Ion:149 Resp: 1290

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

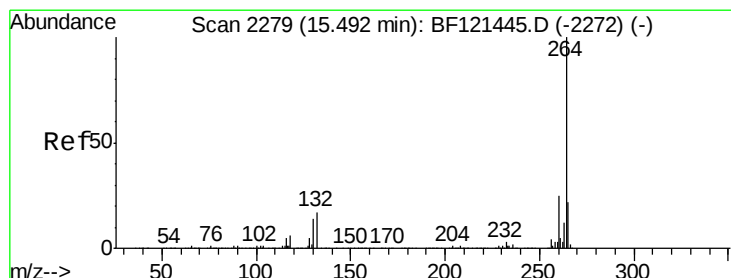
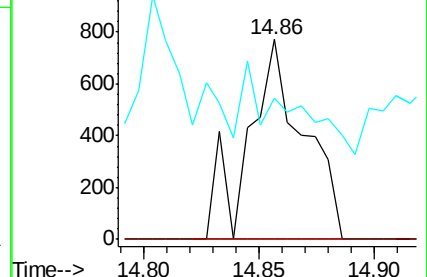
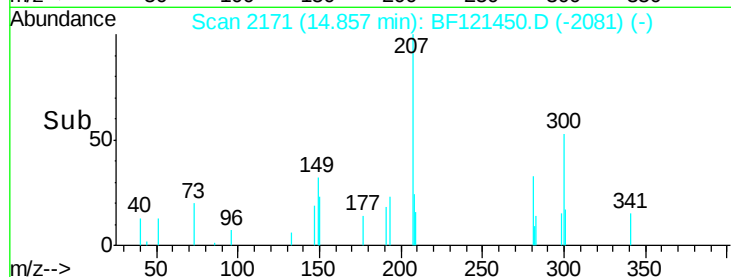
43 38.0 8.3 12.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF121450.D

Acq: 27 Aug 2020 22:16

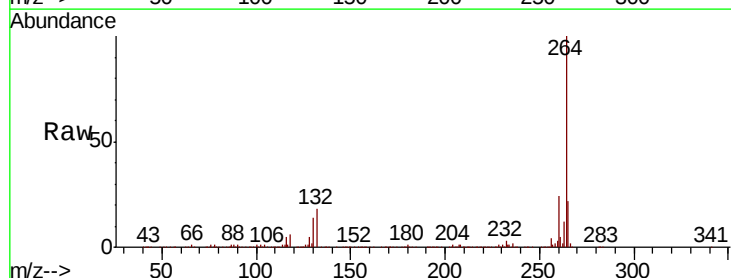
Tgt Ion:264 Resp: 1023979

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

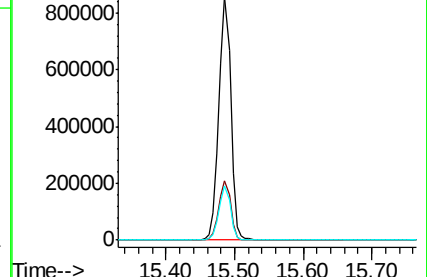
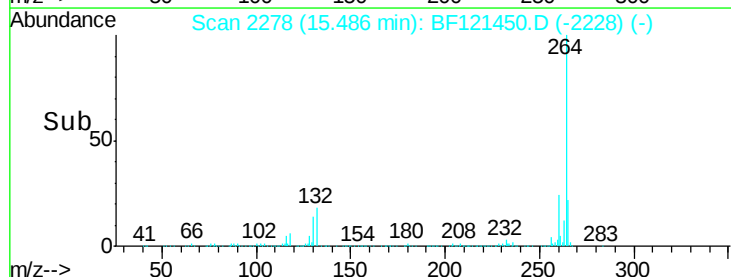
265 22.1 17.8 26.6

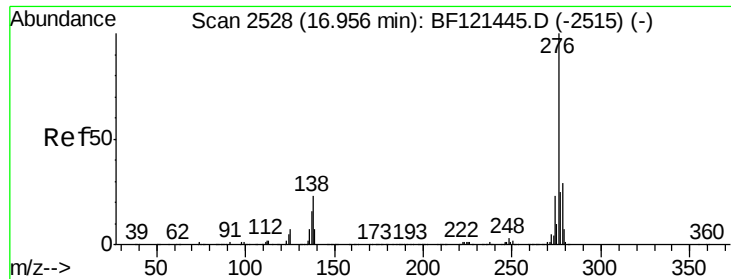


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

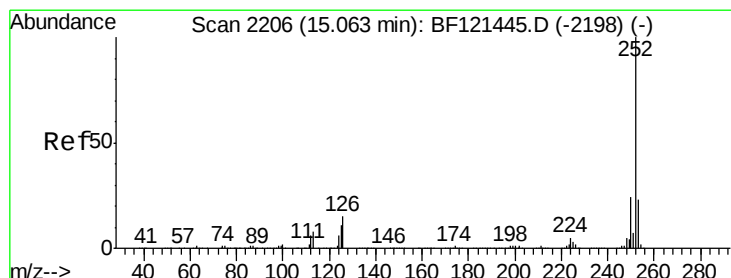
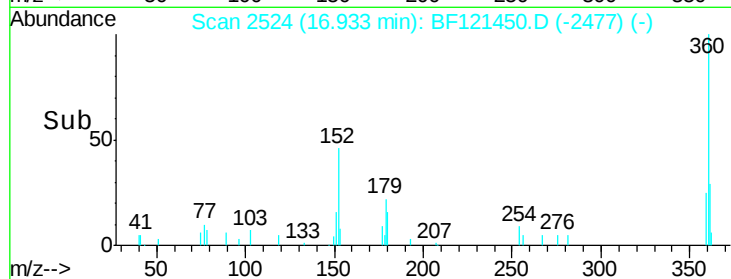
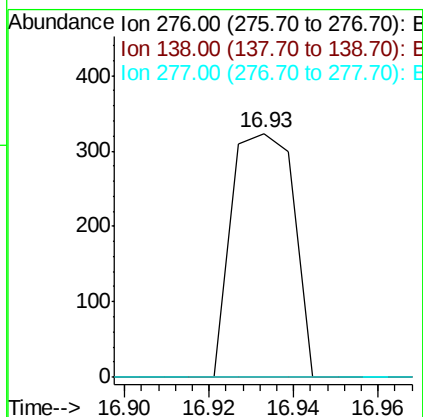
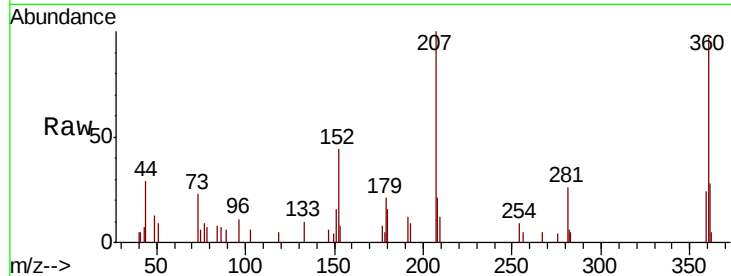




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

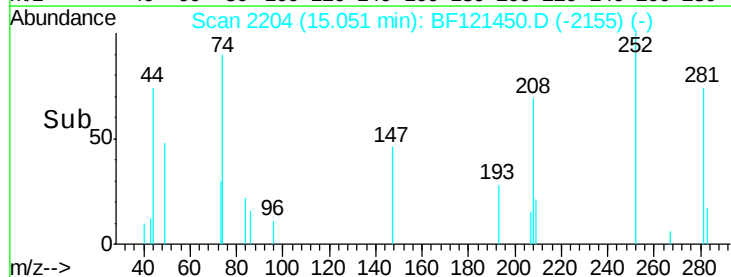
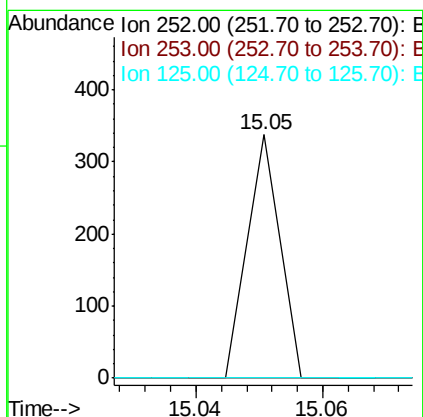
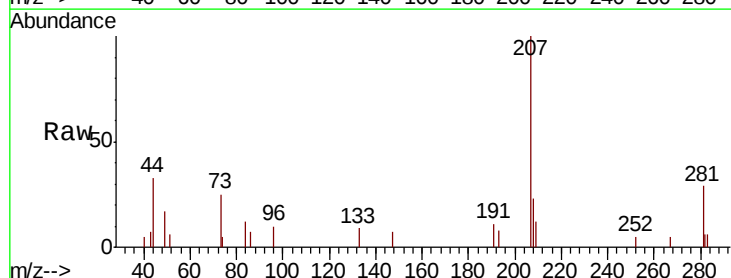
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

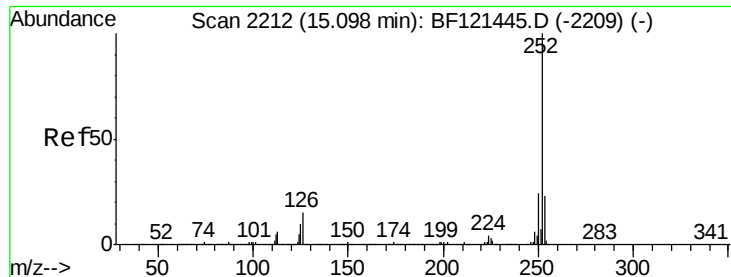
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.6	31.0#
277	0.0	20.5	30.7#



#88
 Benzo(b)fluoranthene
 Concen: 0.002 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	9.2	13.8#

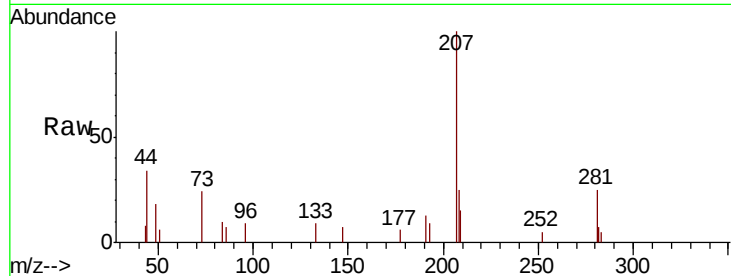




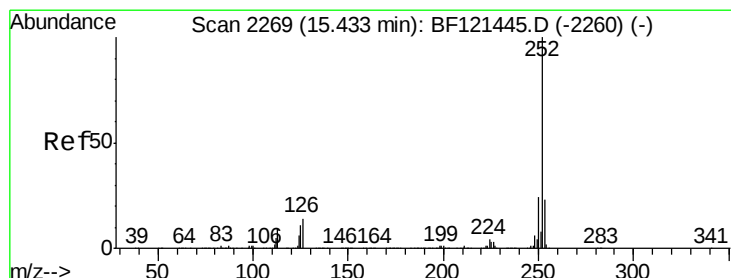
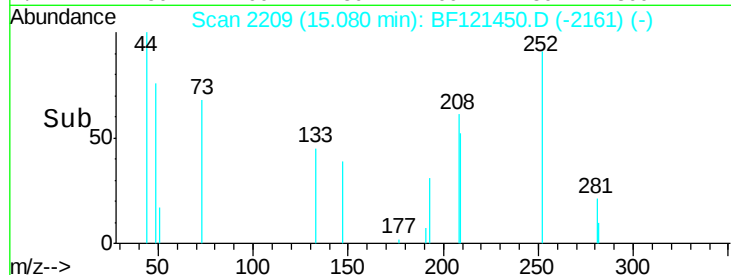
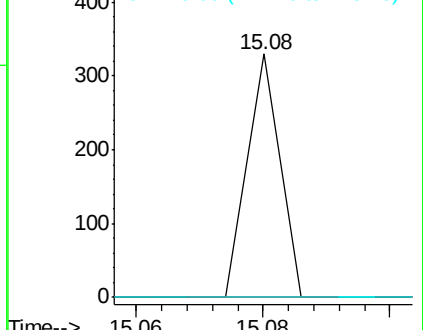
#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Instrument :
BNA_F
ClientSampleId :
PB131187BL

Tot Ion:252 Resp: 116
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 8.5 12.7#

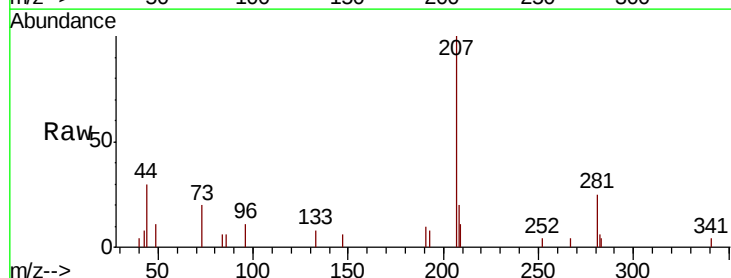


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

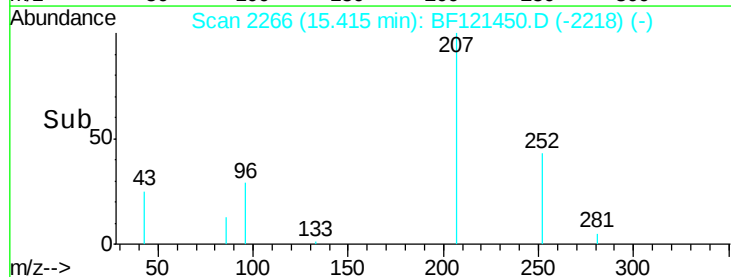
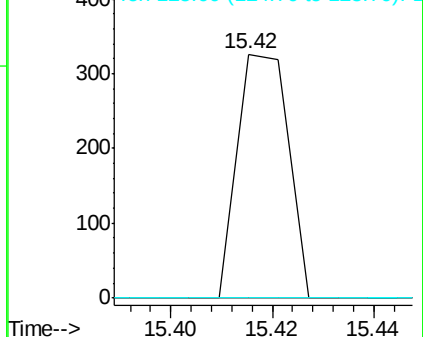


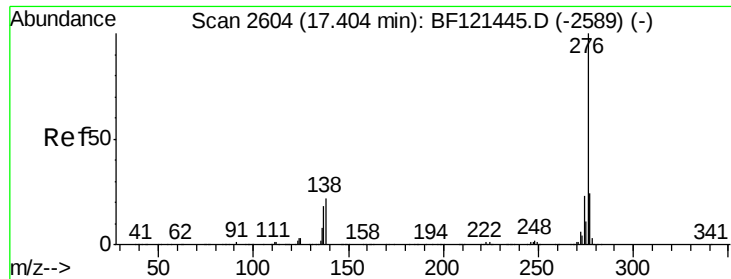
#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF121450.D
Acq: 27 Aug 2020 22:16

Tgt Ion:252 Resp: 228
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 9.0 13.4#



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





#92
 Benzo(a,h,i)perylene
 Concen: 0.003 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.04 min
 Lab File: BF121450.D
 Acq: 27 Aug 2020 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BL

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	17.4	26.0#

