

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121746.D
 Acq On : 30 Sep 2020 19:03
 Operator : JU/CG
 Sample : PB132004BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Quant Time: Oct 01 00:34:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	259856	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	1019586	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	553972	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	1019088	20.00	ng	0.00
76) Chrysene-d12	13.94	240	755366	20.00	ng	0.00
86) Perylene-d12	15.38	264	660441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	968714	55.40	ng	0.00
7) Phenol-d6	6.42	99	1255655	54.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	869195	45.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	436813	63.44	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1595315	43.62	ng	-0.01
79) Terphenyl-d14	12.89	244	1716914	46.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	140136	17.445	ng	98
3) Pyridine	3.31	79	420972	18.956	ng	99
4) n-Nitrosodimethylamine	3.26	42	214836	20.856	ng	97
6) Aniline	6.44	93	478941	16.030	ng	# 89
8) 2-Chlorophenol	6.56	128	411205	23.098	ng	100
9) Benzaldehyde	6.33	77	121390	8.095	ng	98
10) Phenol	6.43	94	499285	20.439	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	407620	22.140	ng	100
12) 1,3-Dichlorobenzene	6.72	146	426375	21.458	ng	98
13) 1,4-Dichlorobenzene	6.79	146	427138	21.408	ng	99
14) 1,2-Dichlorobenzene	6.95	146	415907	22.628	ng	98
15) Benzyl Alcohol	6.93	79	360625	23.129	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	637874	21.530	ng	99
17) 2-Methylphenol	7.04	107	340907	22.506	ng	98
18) Hexachloroethane	7.29	117	159738	22.360	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	289119	21.868	ng	99
20) 3+4-Methylphenols	7.19	107	403366	22.163	ng	93
22) Acetophenone	7.19	105	543190	20.998	ng	98
24) Nitrobenzene	7.36	77	442584	21.549	ng	99
25) Isophorone	7.60	82	824573	21.571	ng	100
26) 2-Nitrophenol	7.68	139	214254	23.537	ng	95
27) 2,4-Dimethylphenol	7.72	122	371731	21.785	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	520486	21.994	ng	98
29) 2,4-Dichlorophenol	7.92	162	348004	22.392	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	354205	21.640	ng	99
31) Naphthalene	8.08	128	1152958	21.422	ng	100
32) Benzoic acid	7.86	122	207713	20.894	ng	98
33) 4-Chloroaniline	8.13	127	382243	16.384	ng	98
34) Hexachlorobutadiene	8.20	225	212349	22.102	ng	99
35) Caprolactam	8.52	113	74576	14.409	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	386150	23.065	ng	99
37) 2-Methylnaphthalene	8.77	142	785332	22.265	ng	99
38) 1-Methylnaphthalene	8.87	142	724904	22.083	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	362743	20.963	ng	99

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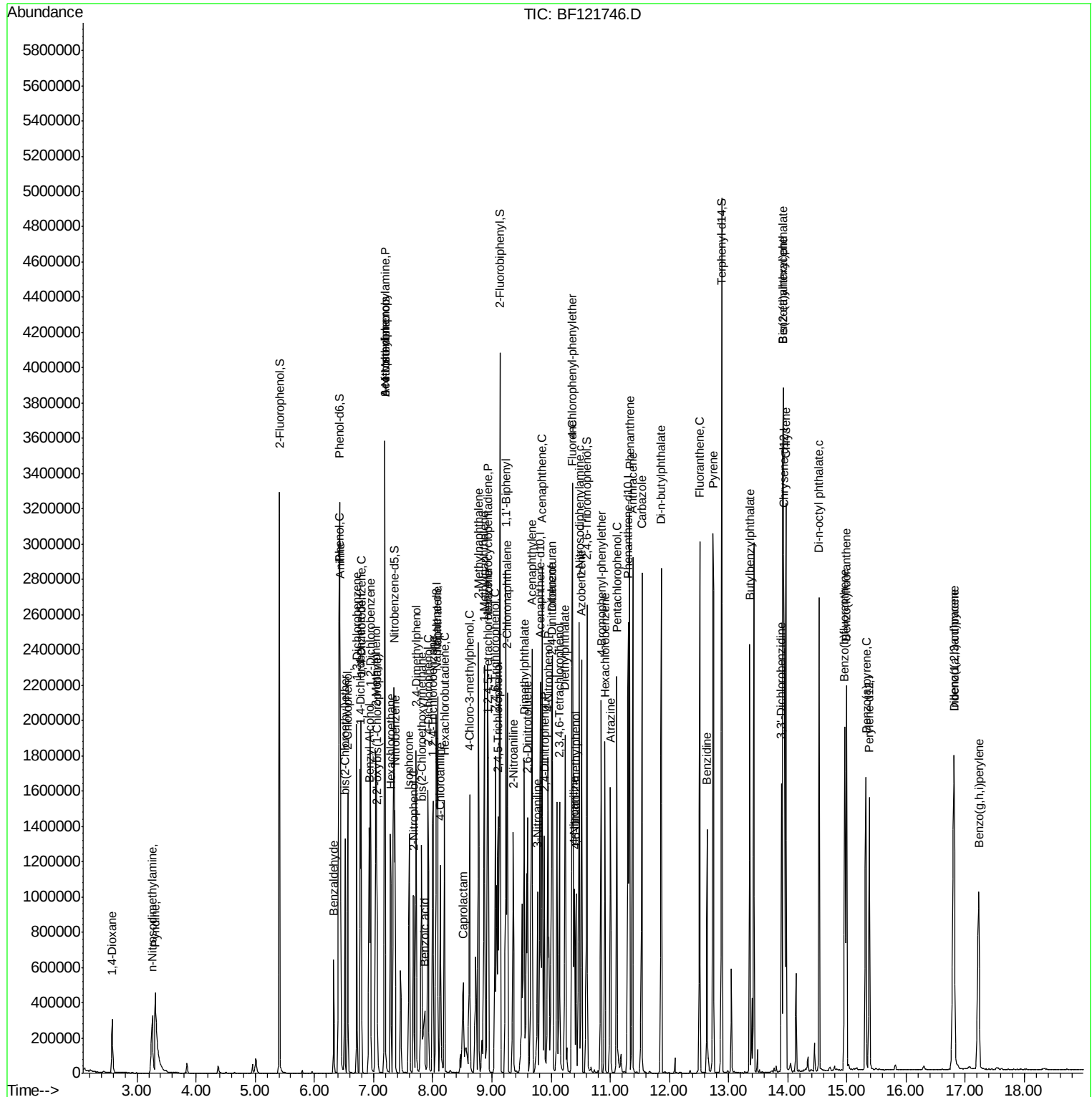
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	323484	32.735	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	256873	21.778	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	273454	21.931	ng	99
46) 1,1'-Biphenyl	9.24	154	951385	21.452	ng	98
47) 2-Chloronaphthalene	9.26	162	740387	21.185	ng	99
48) 2-Nitroaniline	9.36	65	257172	23.680	ng	94
49) Acenaphthylene	9.68	152	1166827	21.730	ng	100
50) Dimethylphthalate	9.55	163	923199	22.993	ng	99
51) 2,6-Dinitrotoluene	9.60	165	208443	24.377	ng	90
52) Acenaphthene	9.85	154	691487	20.388	ng	100
53) 3-Nitroaniline	9.77	138	170122	17.174	ng	98
54) 2,4-Dinitrophenol	9.89	184	185676	42.438	ng	95
55) Dibenzofuran	10.02	168	1033811	21.645	ng	98
56) 4-Nitrophenol	9.95	139	304787	38.582	ng	99
57) 2,4-Dinitrotoluene	10.01	165	271390	25.228	ng	90
58) Fluorene	10.37	166	812302	22.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	234354	23.119	ng	99
60) Diethylphthalate	10.24	149	922982	23.578	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	397717	22.731	ng	96
62) 4-Nitroaniline	10.39	138	212628	21.619	ng	97
63) Azobenzene	10.52	77	926472	22.224	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	145425	26.787	ng	93
66) n-Nitrosodiphenylamine	10.48	169	797108	22.799	ng	99
67) 4-Bromophenyl-phenylether	10.84	248	272083	23.450	ng	97
68) Hexachlorobenzene	10.92	284	305739	23.349	ng	96
69) Atrazine	11.00	200	199095	22.921	ng	98
70) Pentachlorophenol	11.11	266	290944	40.459	ng	99
71) Phenanthrene	11.33	178	1230813	22.167	ng	100
72) Anthracene	11.38	178	1278678	22.316	ng	100
73) Carbazole	11.53	167	1152010	22.280	ng	100
74) Di-n-butylphthalate	11.86	149	1433733	24.025	ng	100
75) Fluoranthene	12.52	202	1331569	22.466	ng	99
77) Benzidine	12.63	184	527483	21.064	ng	99
78) Pyrene	12.74	202	1348784	24.439	ng	100
80) Butylbenzylphthalate	13.36	149	584912	26.205	ng	92
81) Benzo(a)anthracene	13.93	228	1091792	22.846	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	317660	17.027	ng	99
83) Chrysene	13.97	228	1055441	21.810	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	768986	25.789	ng	99
85) Di-n-octyl phthalate	14.53	149	1296242	24.633	ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1033276	24.024	ng	99
88) Benzo(b)fluoranthene	14.96	252	1083390	24.538	ng	98
89) Benzo(k)fluoranthene	14.99	252	897808	22.206	ng	98
90) Benzo(a)pyrene	15.32	252	878786	23.416	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	848856	23.709	ng	99
92) Benzo(g,h,i)perylene	17.23	276	874567	24.850	ng	99

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

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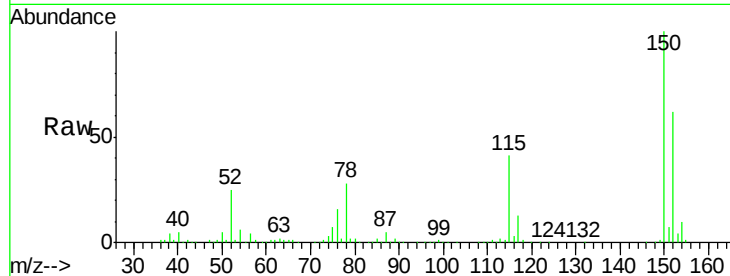


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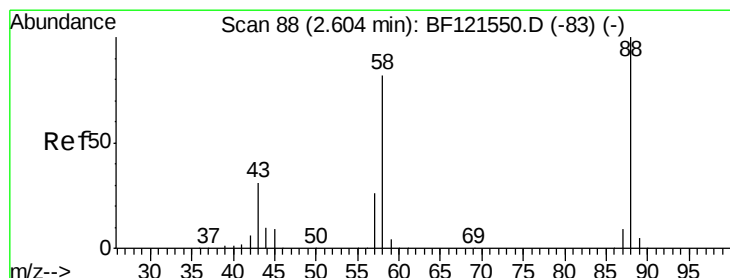
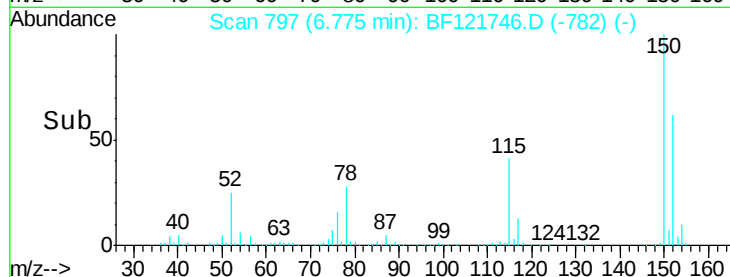
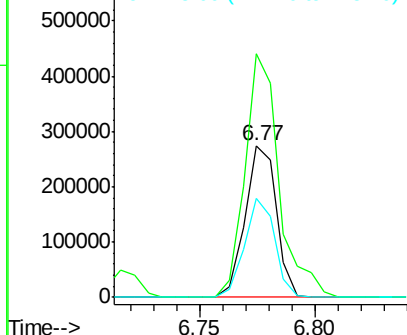
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:152 Resp: 259856
Ion Ratio Lower Upper
152 100
150 160.2 125.8 188.8
115 65.3 49.6 74.4



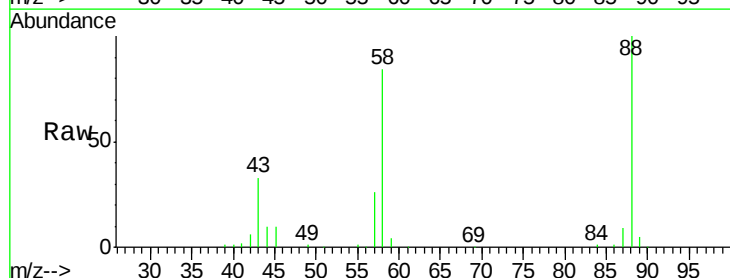
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



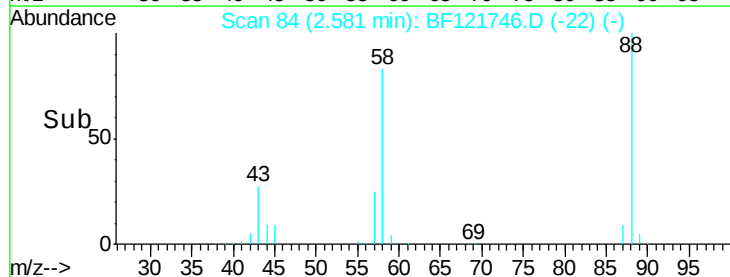
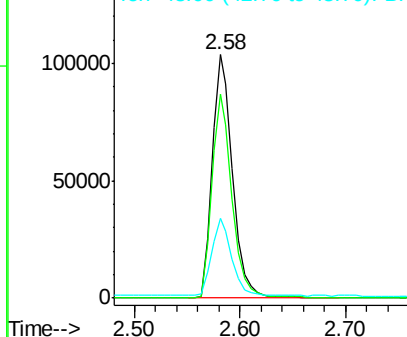
#2

1,4-Dioxane
Concen: 17.445 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion: 88 Resp: 140136
Ion Ratio Lower Upper
88 100
58 83.7 65.3 97.9
43 32.0 25.1 37.7



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





#3

Pvridine

Concen: 18.956 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.06 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

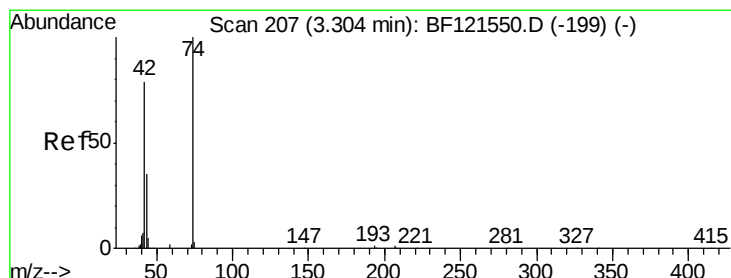
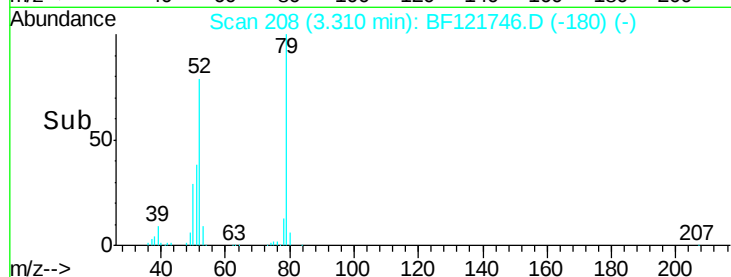
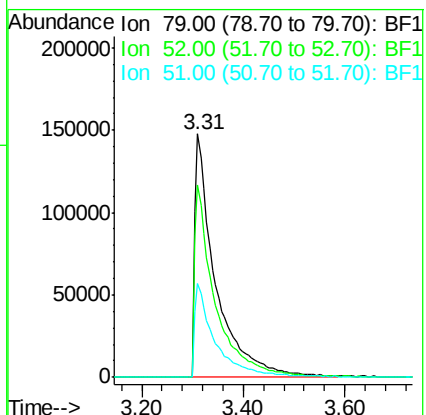
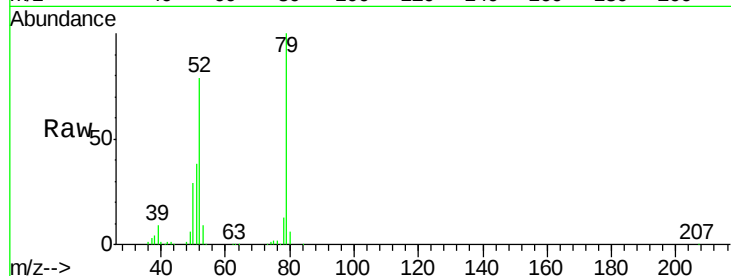
Tot Ion: 79 Resp: 420972

Ion Ratio Lower Upper

79 100

52 78.8 62.2 93.2

51 38.5 30.9 46.3



#4

n-Nitrosodimethylamine

Concen: 20.856 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.05 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

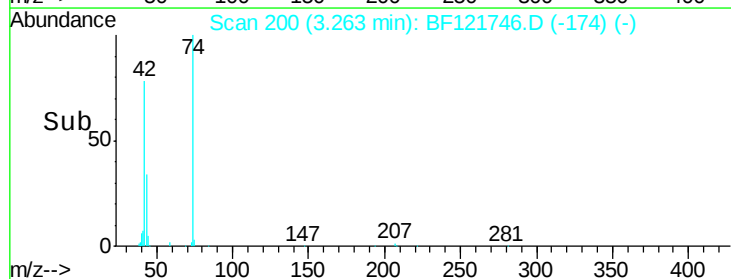
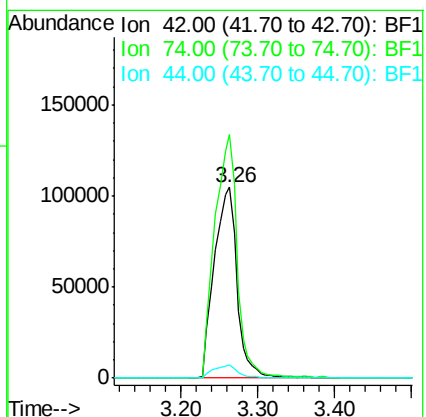
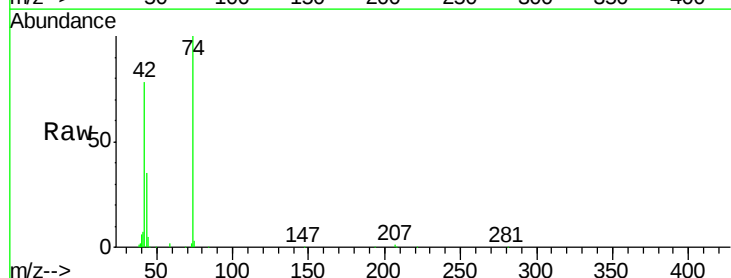
Tgt Ion: 42 Resp: 214836

Ion Ratio Lower Upper

42 100

74 127.5 98.9 148.3

44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 55.401 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

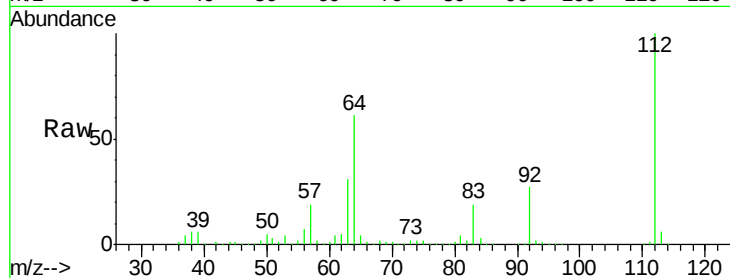
Tot Ion: 112 Resp: 968714

Ion Ratio Lower Upper

112 100

64 61.3 51.2 76.8

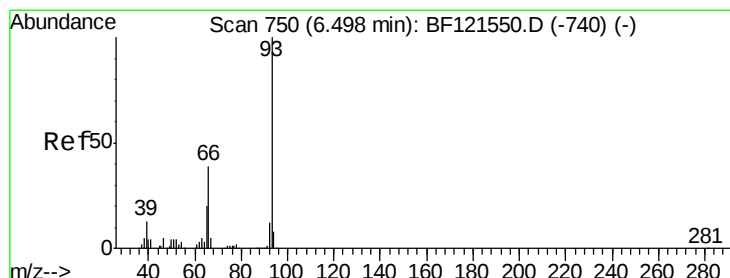
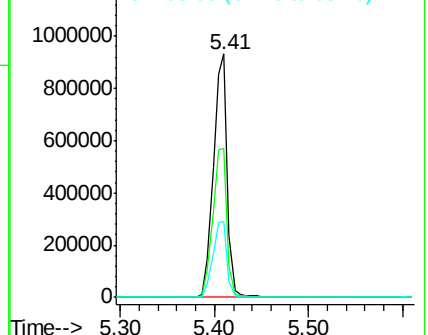
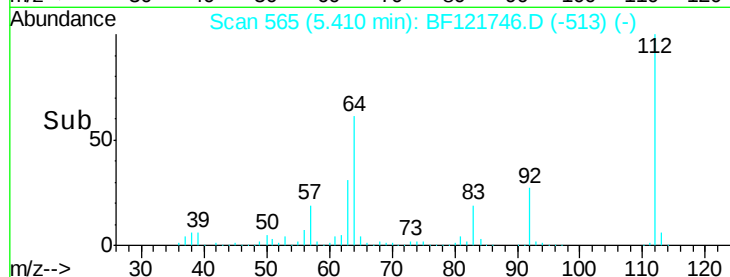
63 31.1 25.9 38.9



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



#6

Aniline

Concen: 16.030 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

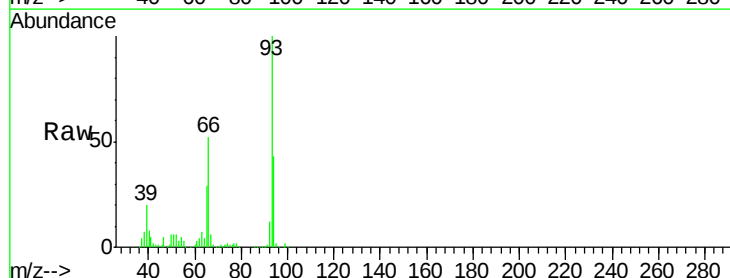
Tgt Ion: 93 Resp: 478941

Ion Ratio Lower Upper

93 100

66 51.5 35.8 53.6

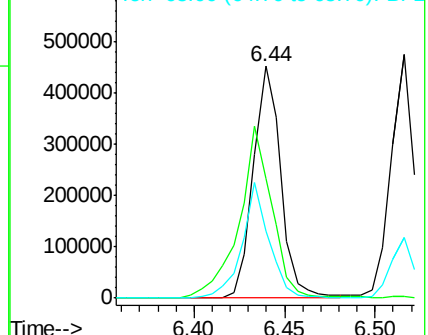
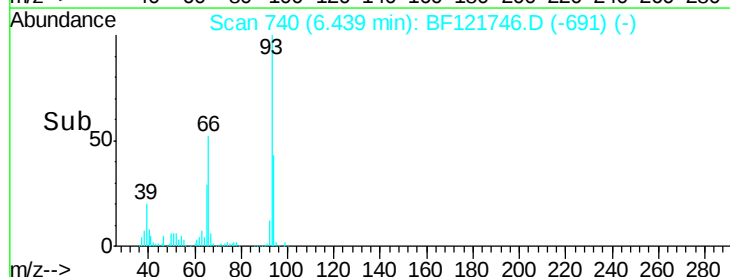
65 28.7 18.7 28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 54.737 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

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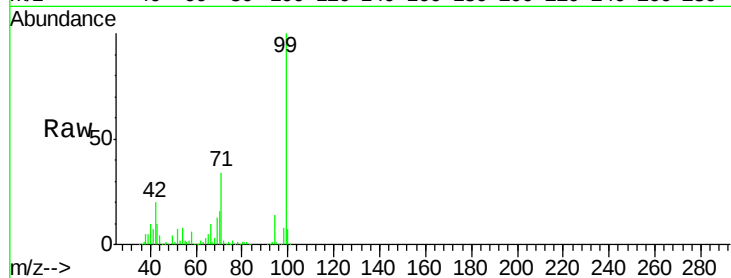
Tot Ion: 99 Resp: 1255655

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

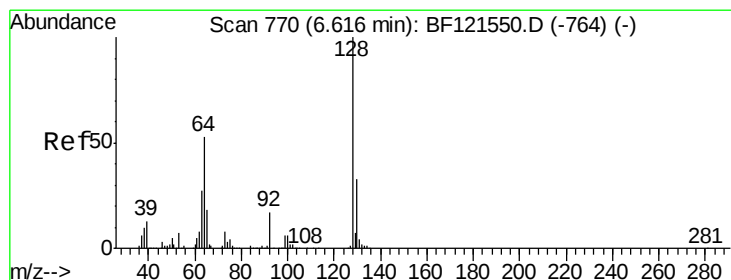
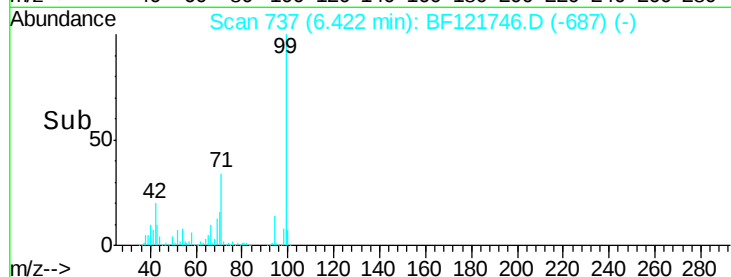
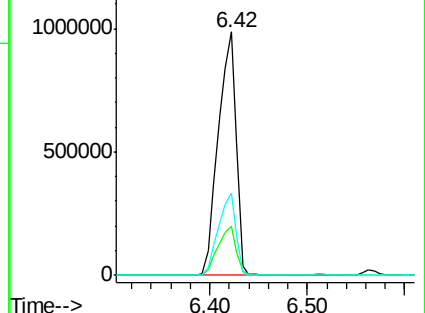
71 34.1 27.8 41.6



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



#8

2-Chlorophenol

Concen: 23.098 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

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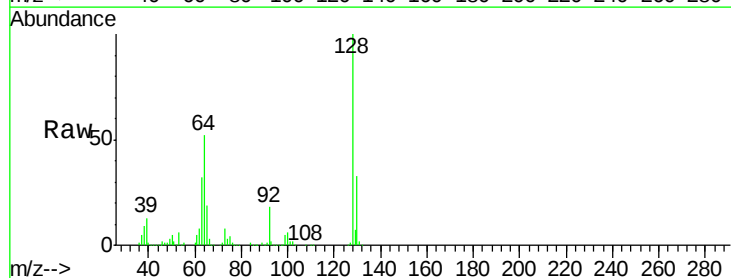
Tgt Ion: 128 Resp: 411205

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

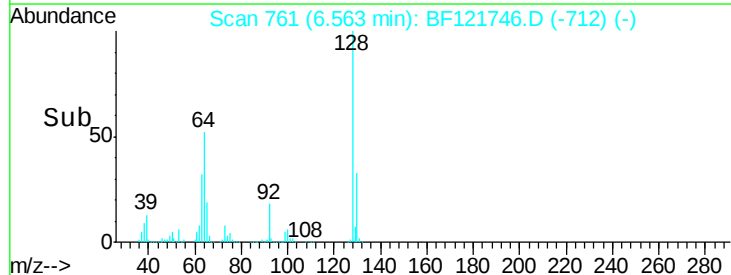
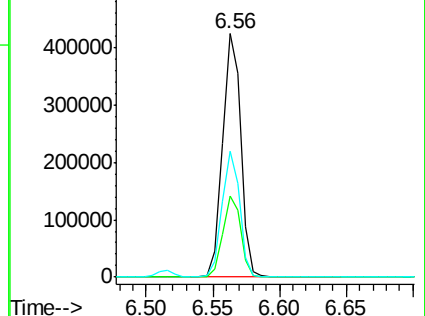
64 51.9 31.9 71.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

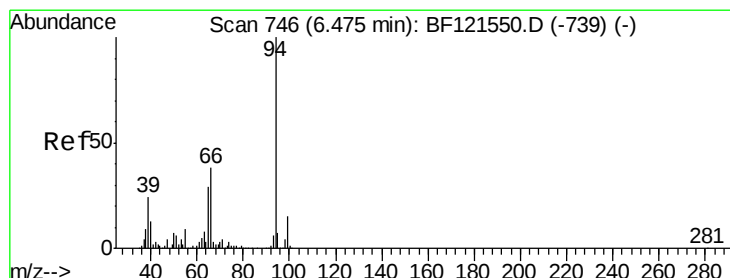
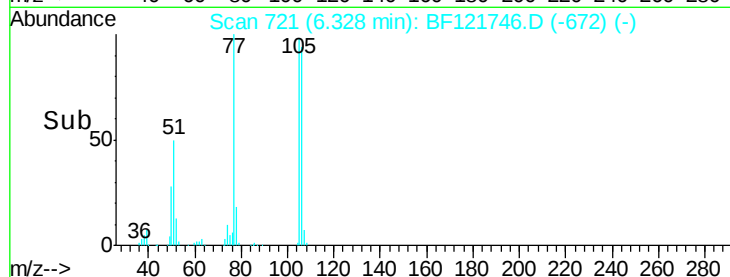
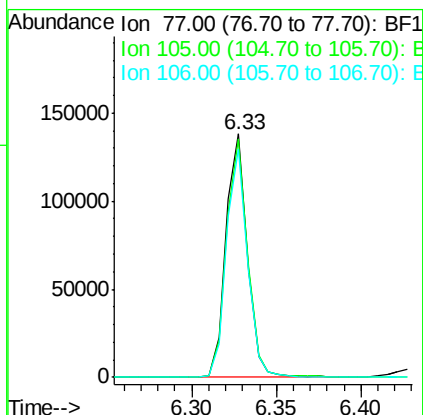
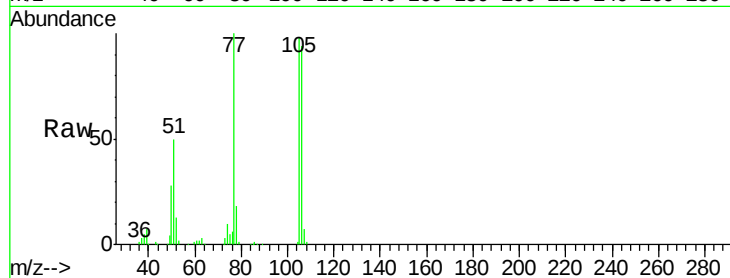




#9
Benzaldehyde
Concen: 8.095 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

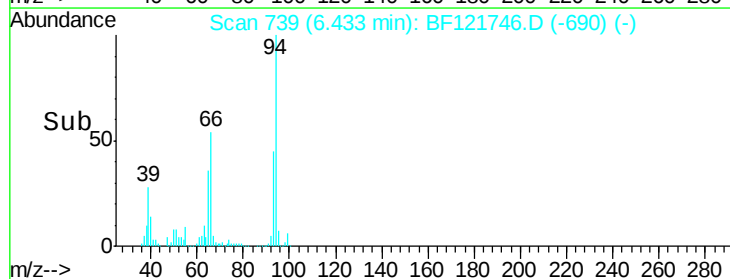
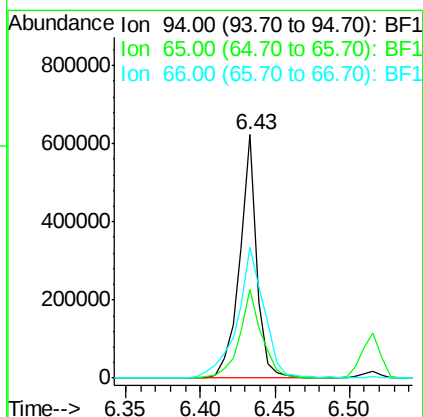
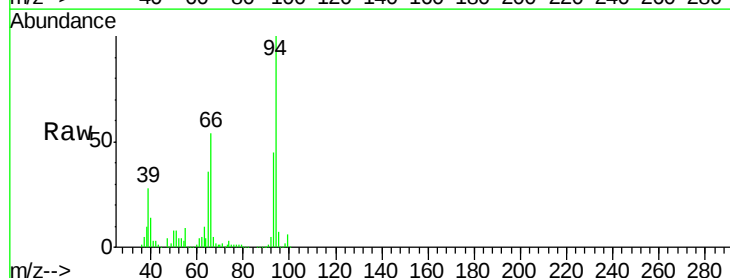
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Tot Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.8	120.8
106	93.8	75.4	115.4



#10
Phenol
Concen: 20.439 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.2	18.9	58.9
66	53.8	40.4	80.4

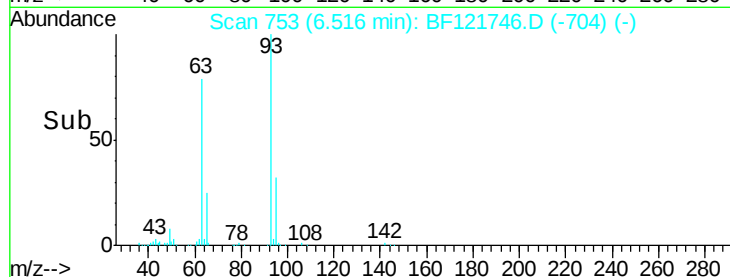
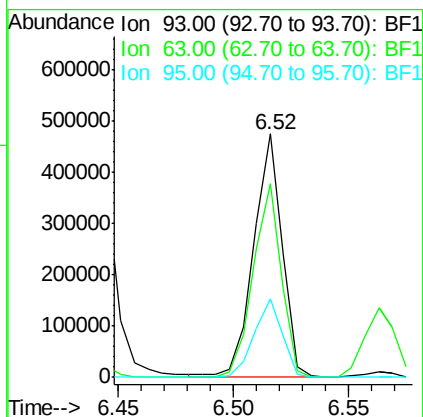
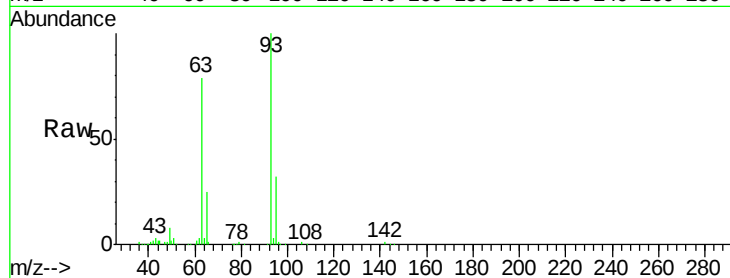




#11
bis(2-Chloroethyl)ether
Concen: 22.140 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

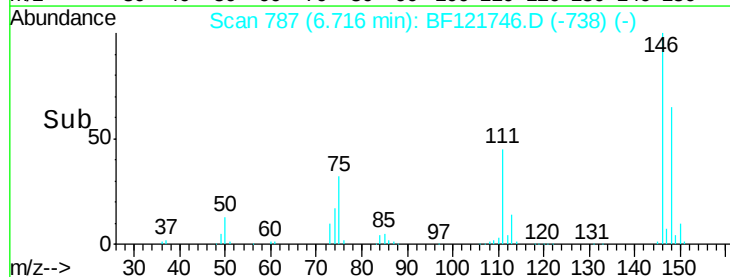
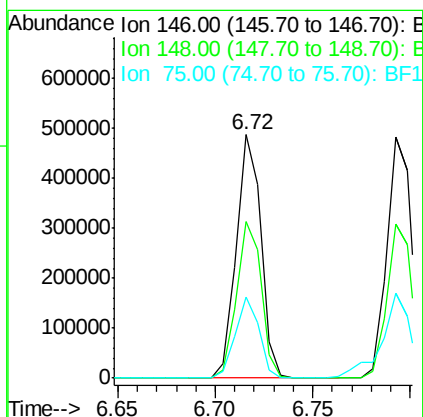
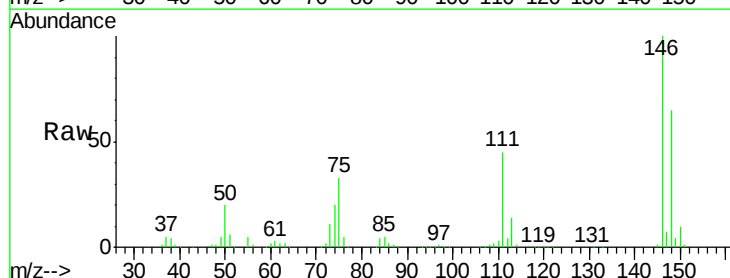
Instrument :
BNA_F
ClientSampleId :
PB132004BS

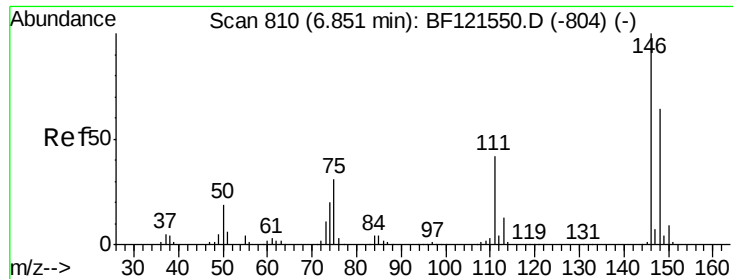
Tot Ion	93	Resp	407620
Ion	Ratio	Lower	Upper
93	100		
63	79.5	59.8	99.8
95	32.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 21.458 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion	146	Resp	426375
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	33.2	25.3	37.9

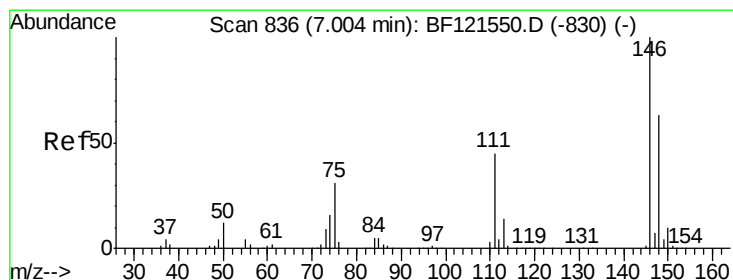
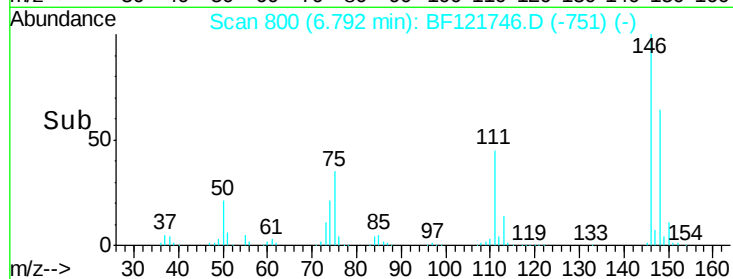
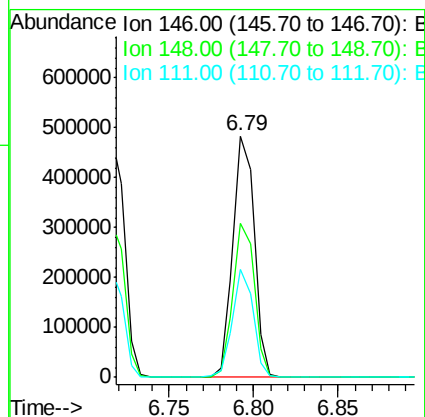
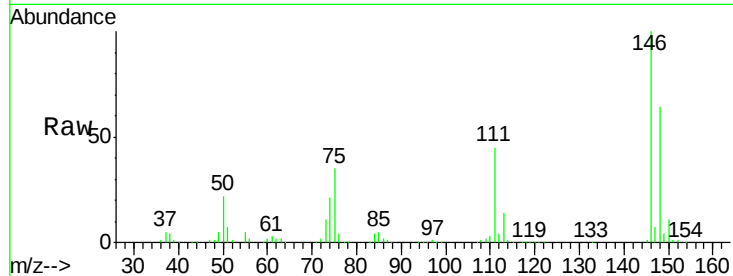




#13
 1,4-Dichlorobenzene
 Concen: 21.408 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

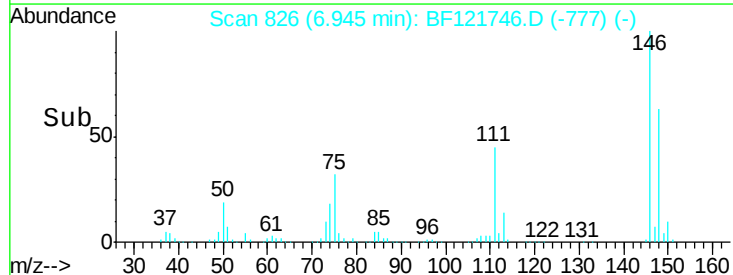
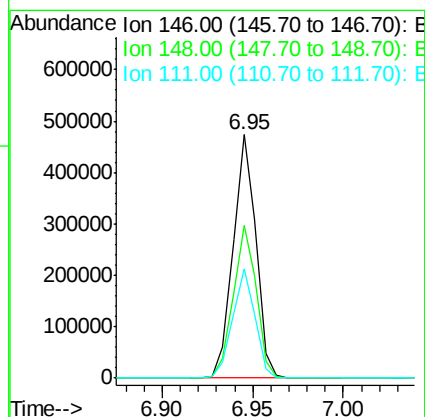
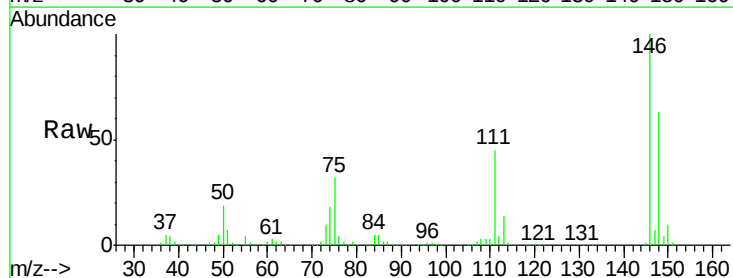
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion:146 Resp: 427138
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 44.5 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 22.628 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:146 Resp: 415907
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 44.9 36.6 54.8

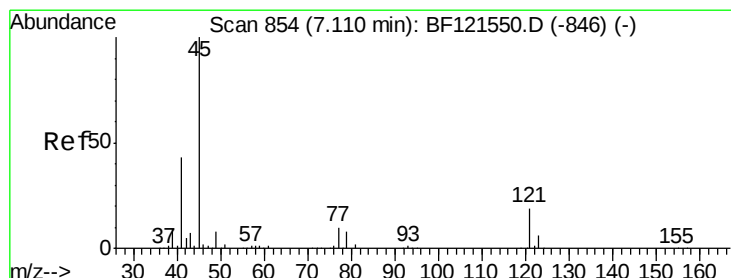
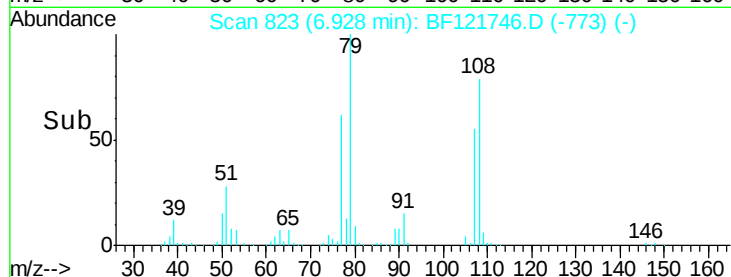
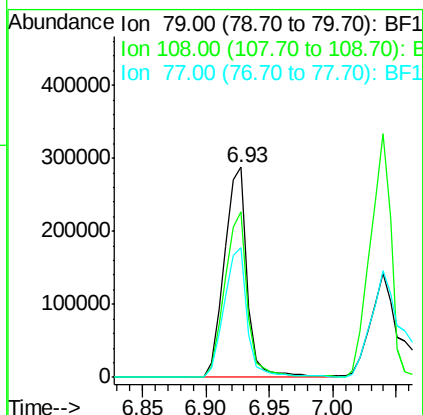
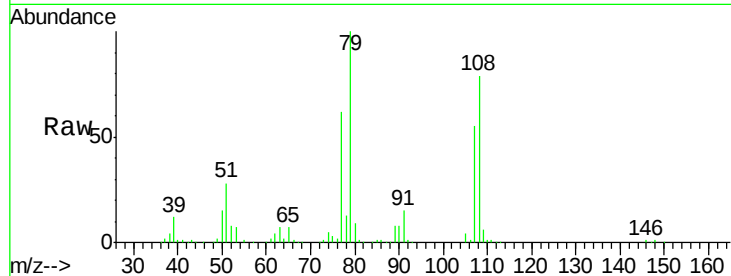




#15
Benzvl Alcohol
Concen: 23.129 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

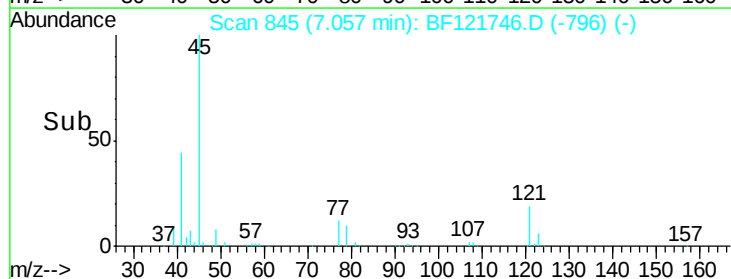
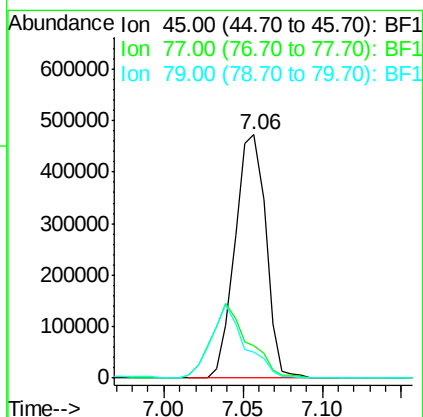
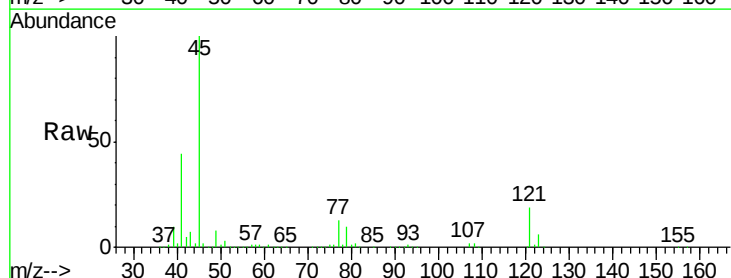
Instrument :
BNA_F
ClientSampleId :
PB132004BS

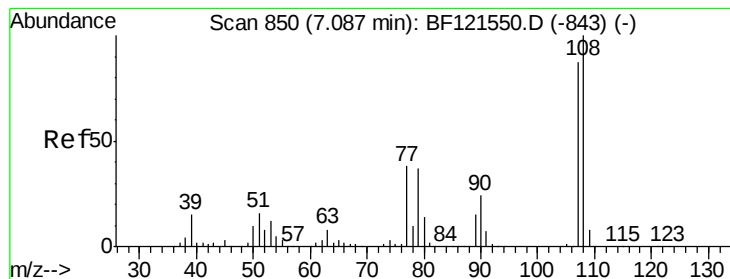
Tot Ion: 79 Resp: 360625
Ion Ratio Lower Upper
79 100
108 78.9 60.2 90.2
77 61.6 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.530 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion: 45 Resp: 637874
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.3
79 10.5 0.0 30.8





#17

2-Methylphenol

Concen: 22.506 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

Tot Ion:107 Resp: 340907

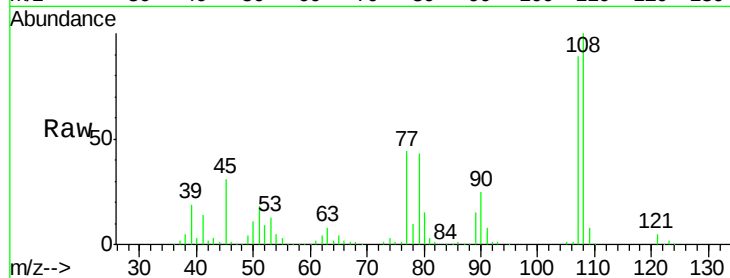
Ion Ratio Lower Upper

107 100

108 111.8 91.7 137.5

77 48.9 38.4 57.6

79 47.9 37.9 56.9

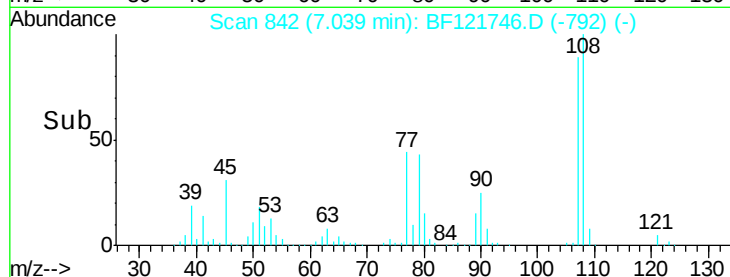


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Abundance

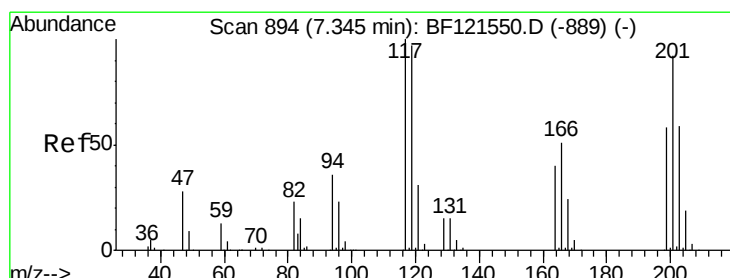
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 22.360 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

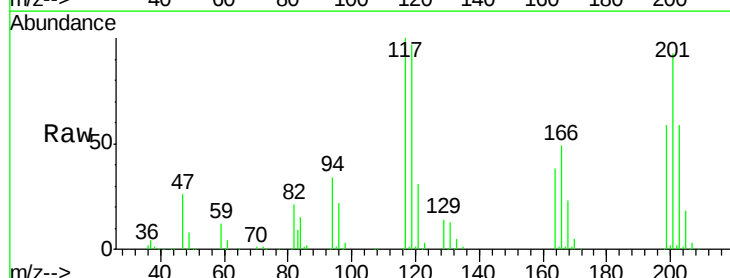
Tgt Ion:117 Resp: 159738

Ion Ratio Lower Upper

117 100

119 97.0 76.8 115.2

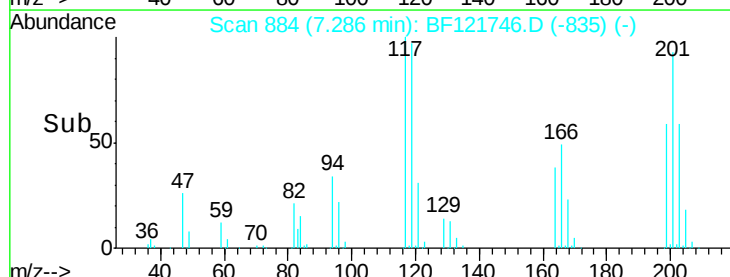
201 92.8 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



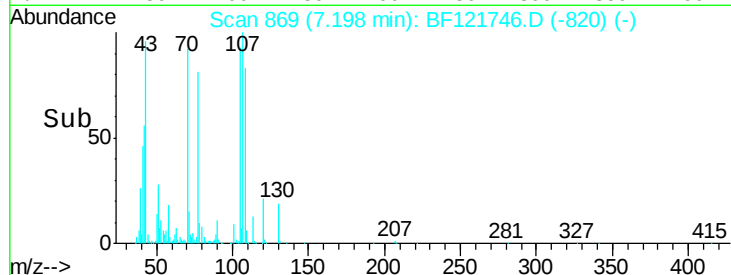
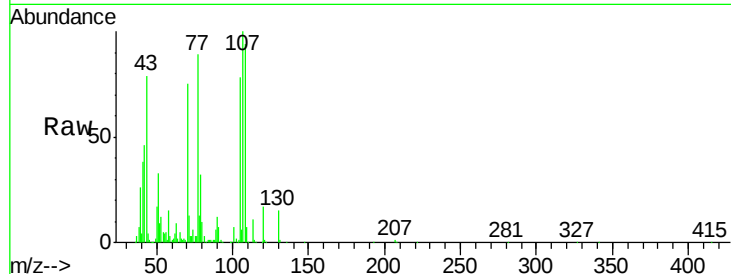
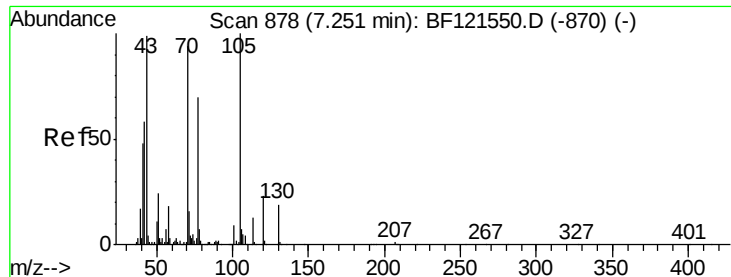
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

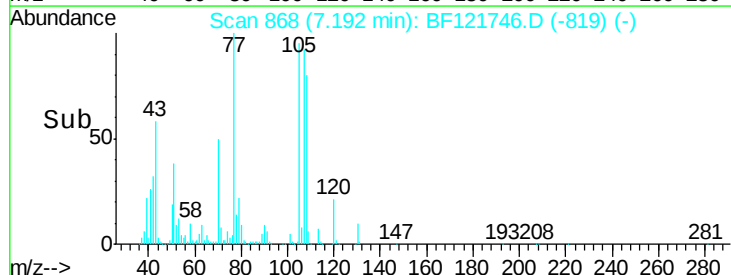
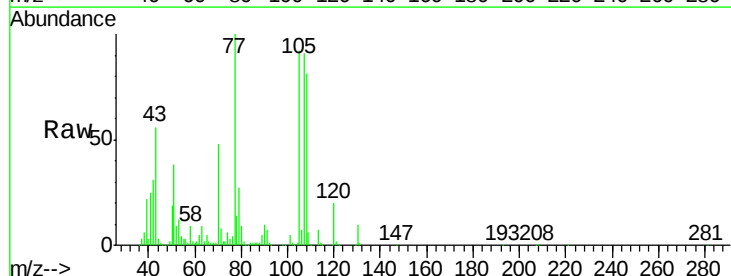
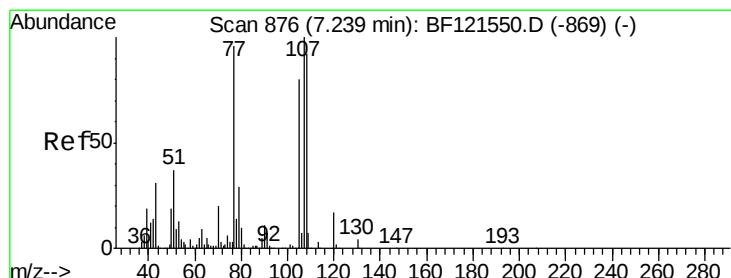
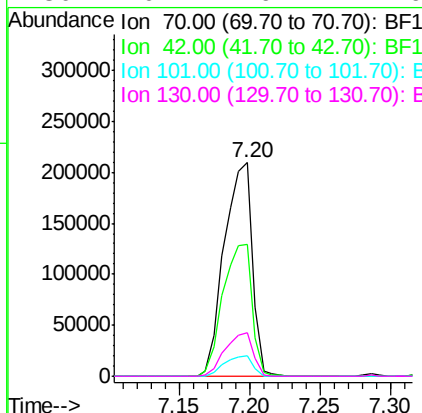
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 21.868 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

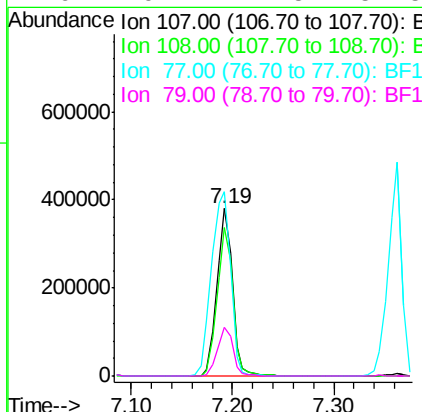
Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:	70	Resp:	289119
Ion	Ratio	Lower	Upper
70	100		
42	61.6	48.6	73.0
101	9.7	7.5	11.3
130	20.4	16.4	24.6



#20
3+4-Methylphenols
Concen: 22.163 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:	107	Resp:	403366
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.6	111.6
77	109.7	101.6	141.6
79	29.2	12.5	52.5

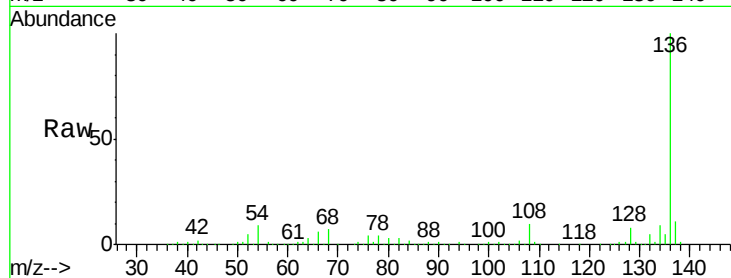




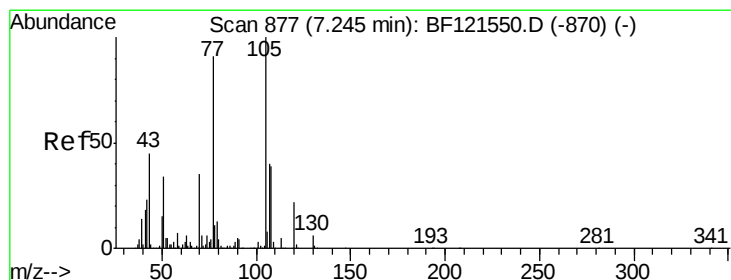
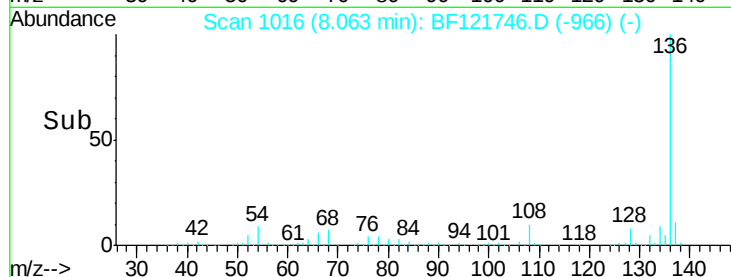
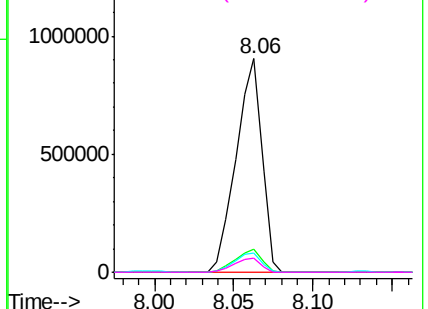
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:136 Resp: 1019586
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.3 7.8 11.8
68 6.8 5.6 8.4

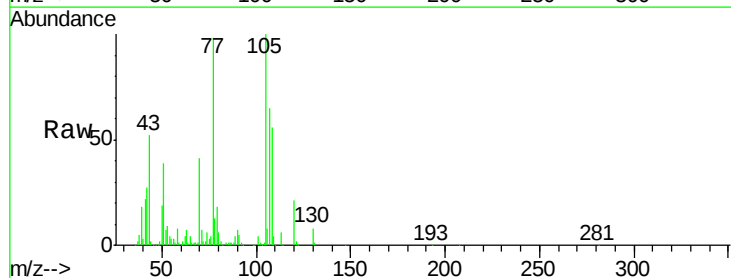


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

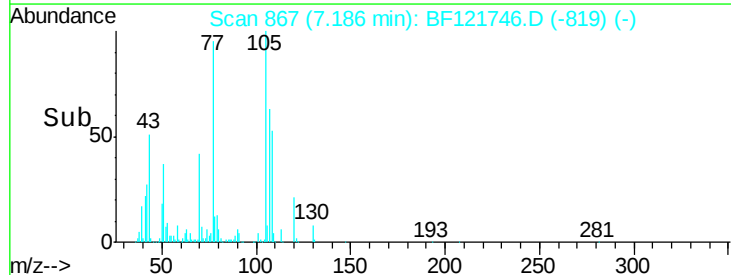
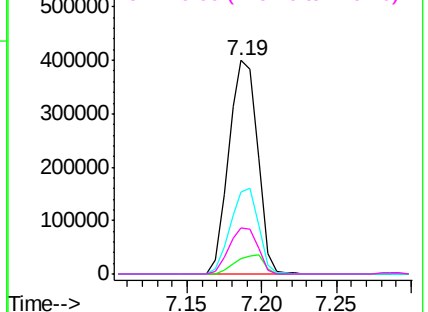


#22
Acetophenone
Concen: 20.998 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:105 Resp: 543190
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.8
51 38.5 31.9 47.9
120 21.4 17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

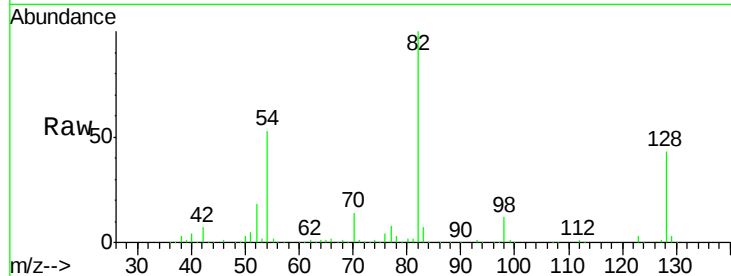




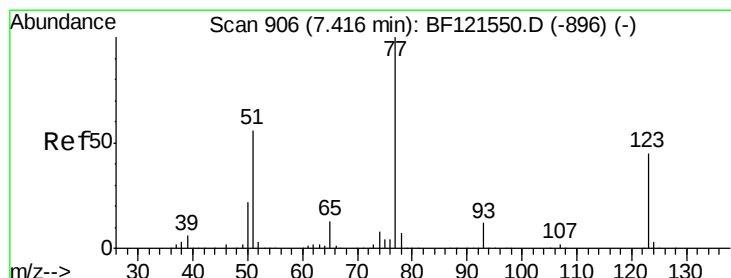
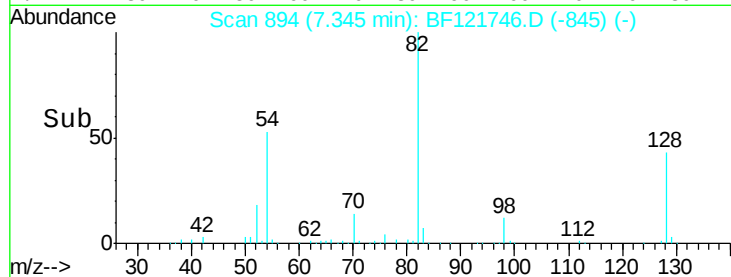
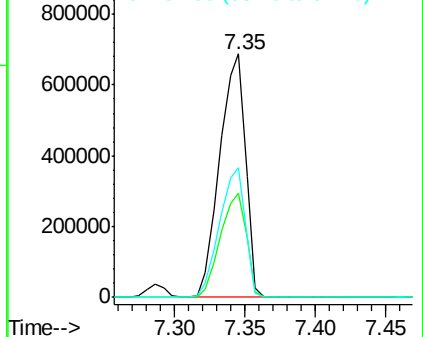
#23
 Nitrobenzene-d5
 Concen: 45.772 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion	82	Resp	869195
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.0	52.4
54	53.4	42.5	63.7

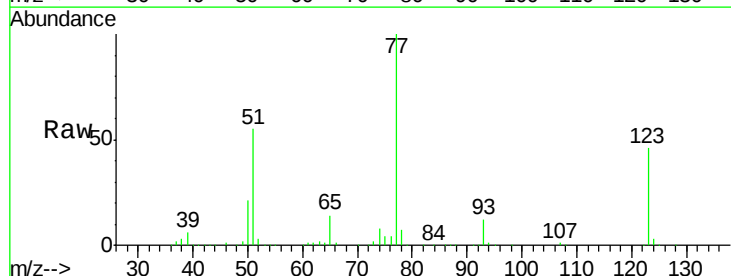


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

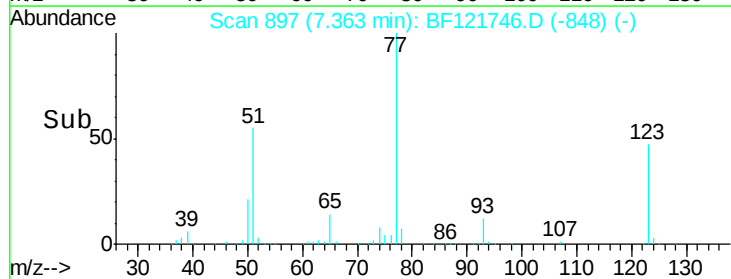
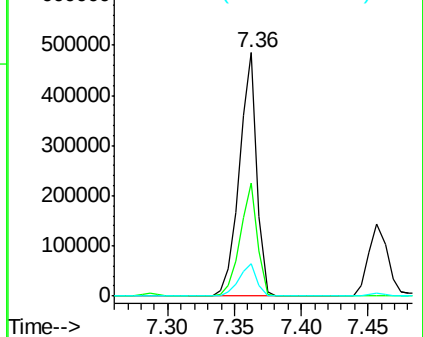


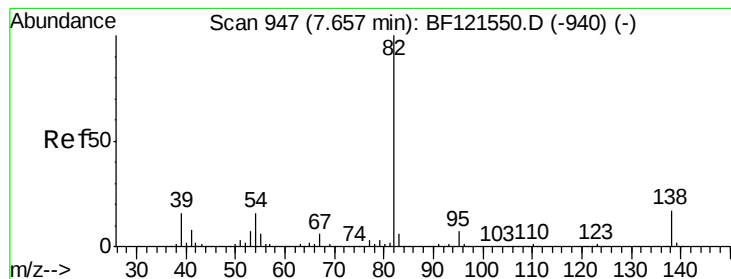
#24
 Nitrobenzene
 Concen: 21.549 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion	77	Resp	442584
Ion Ratio	Lower	Upper	
77	100		
123	46.5	37.6	56.4
65	13.6	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 21.571 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

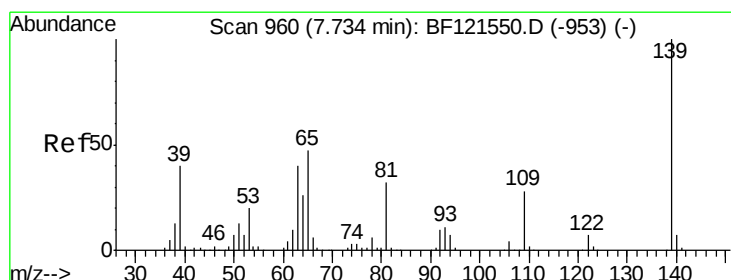
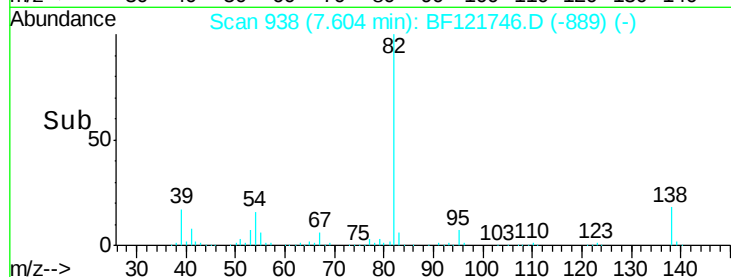
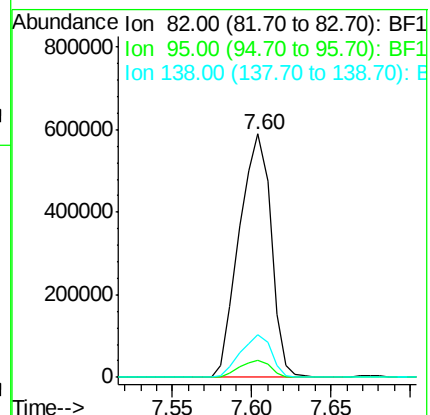
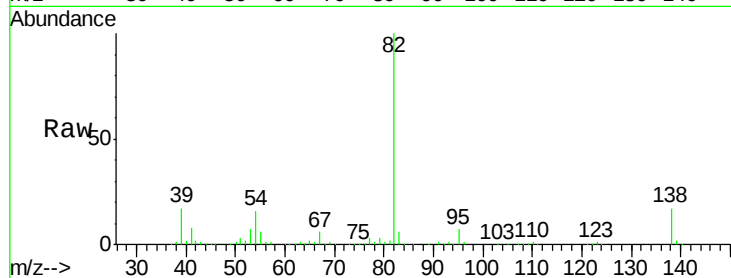
Tot Ion: 82 Resp: 824573

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.4 13.9 20.9



#26

2-Nitrophenol

Concen: 23.537 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

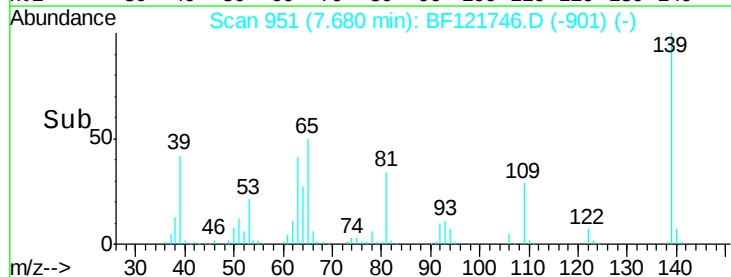
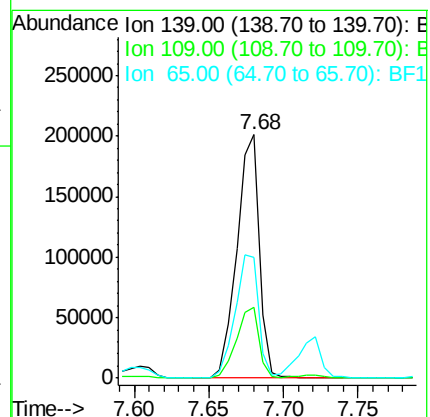
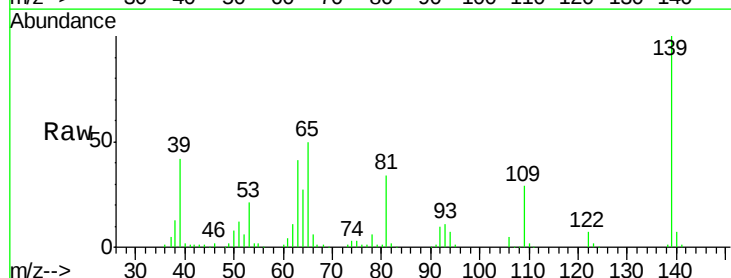
Tgt Ion: 139 Resp: 214254

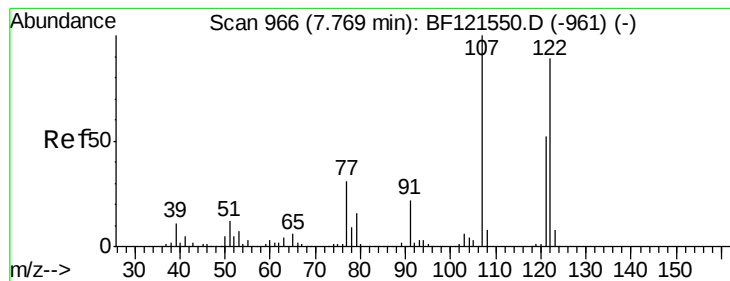
Ion Ratio Lower Upper

139 100

109 28.9 24.1 36.1

65 49.6 43.8 65.8

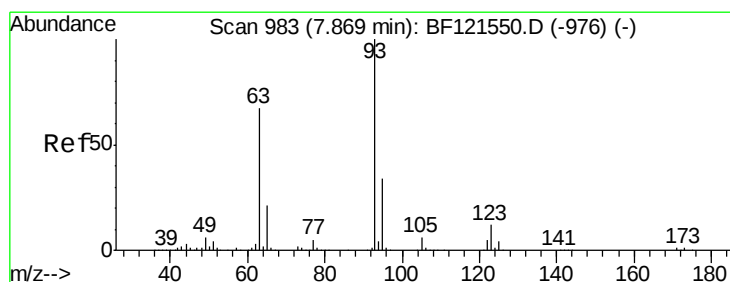
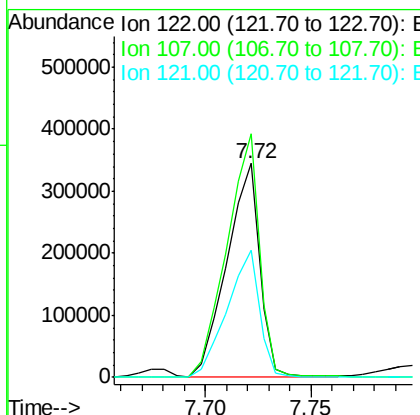
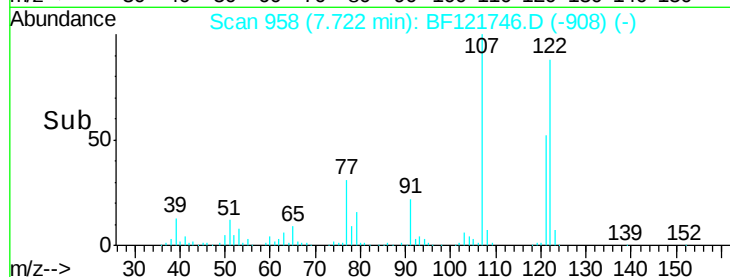
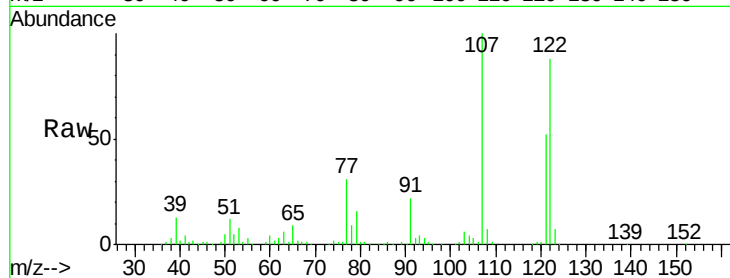




#27
2,4-Dimethylphenol
Concen: 21.785 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

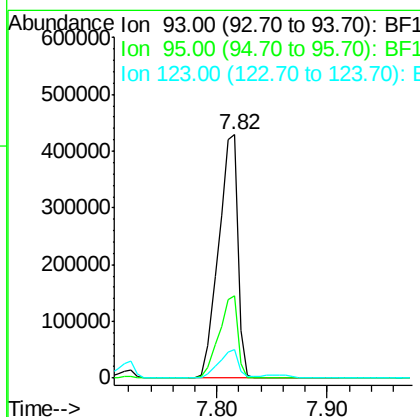
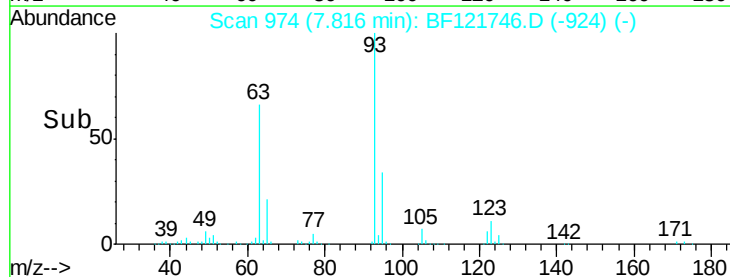
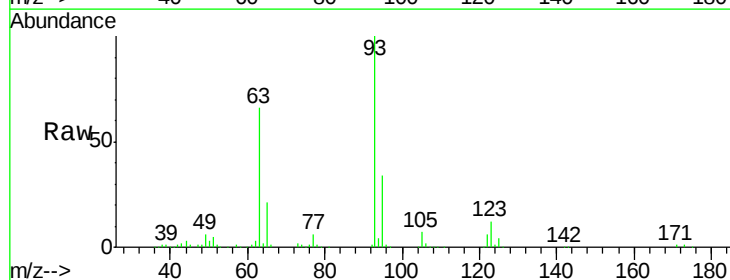
Instrument :
BNA_F
ClientSampleId :
PB132004BS

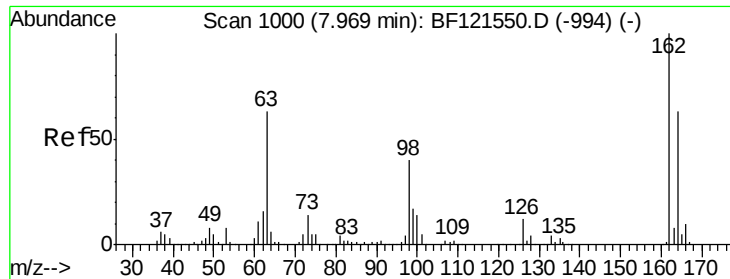
Tot Ion:122 Resp: 371731
Ion Ratio Lower Upper
122 100
107 113.7 92.3 138.5
121 59.2 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 21.994 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion: 93 Resp: 520486
Ion Ratio Lower Upper
93 100
95 33.6 26.1 39.1
123 11.5 8.7 13.1

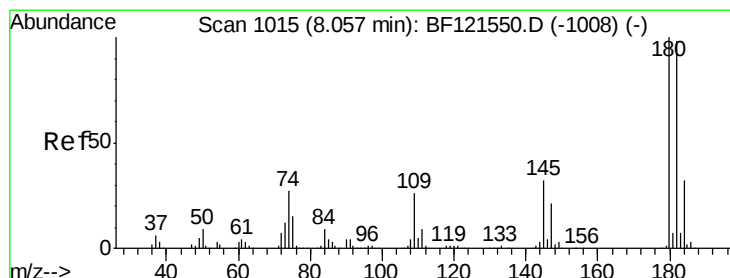
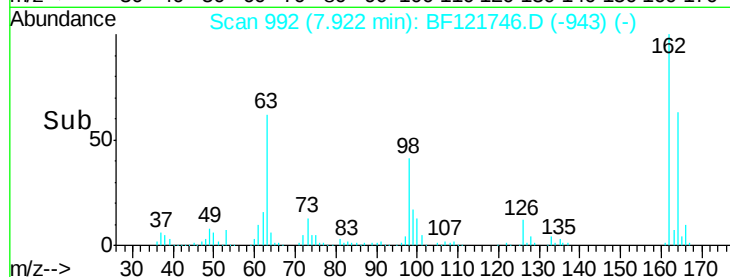
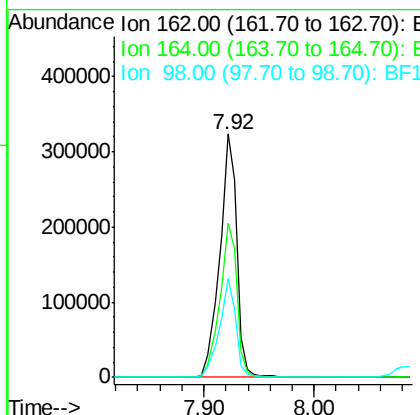
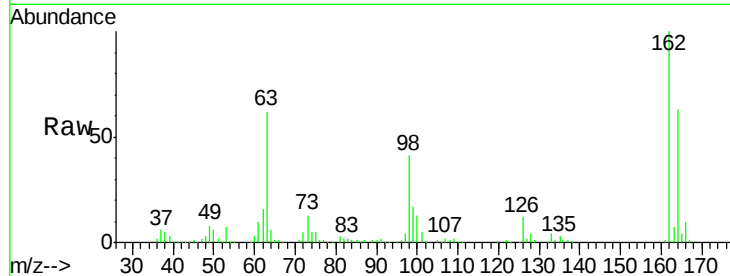




#29
 2,4-Dichlorophenol
 Concen: 22.392 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

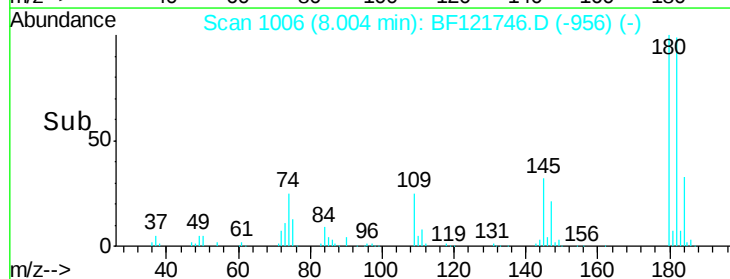
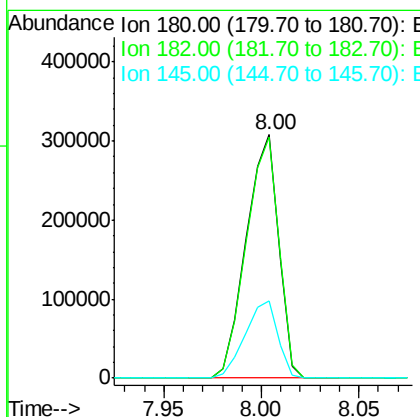
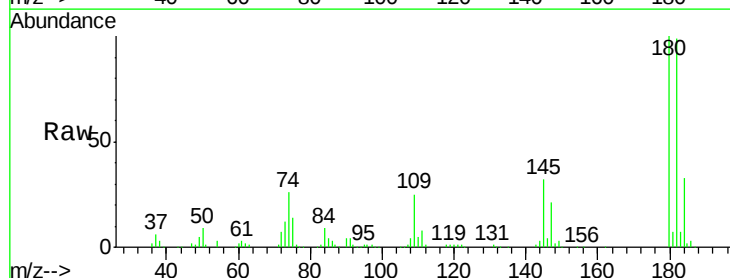
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

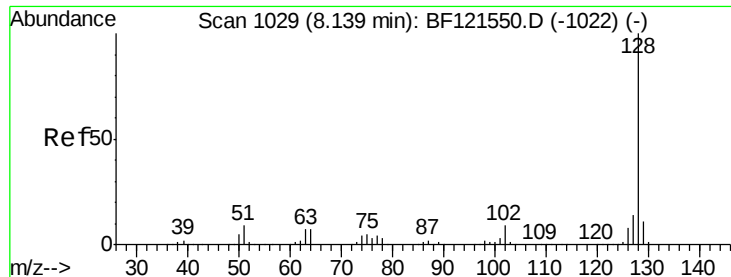
Tot Ion:162 Resp: 348004
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.2 84.2
 98 40.5 18.5 58.5



#30
 1,2,4-Trichlorobenzene
 Concen: 21.640 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:180 Resp: 354205
 Ion Ratio Lower Upper
 180 100
 182 99.3 78.6 117.8
 145 31.8 26.3 39.5

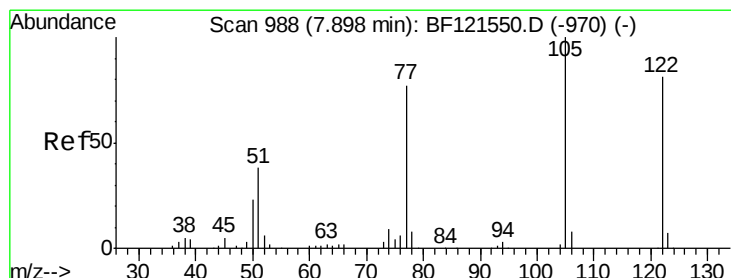
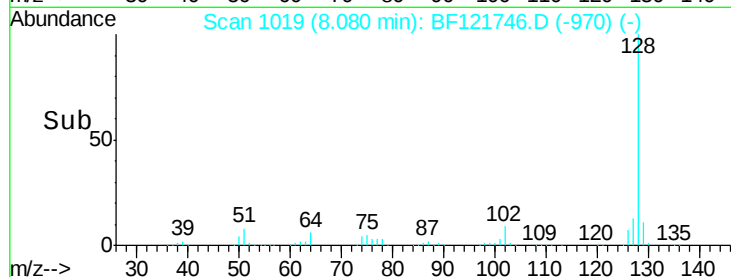
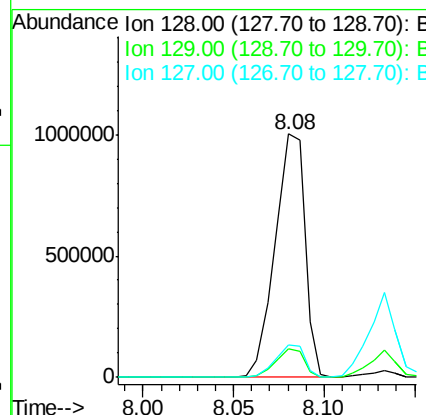
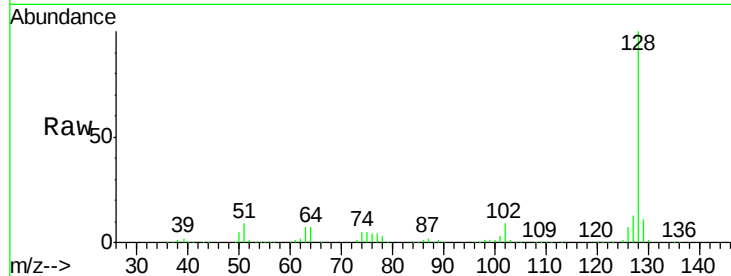




#31
Naphthalene
Concen: 21.422 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

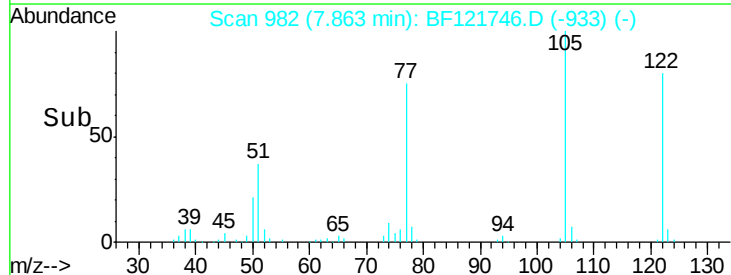
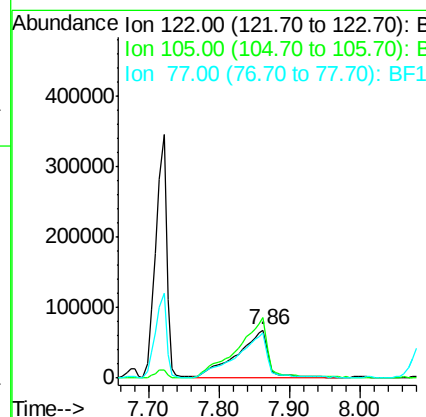
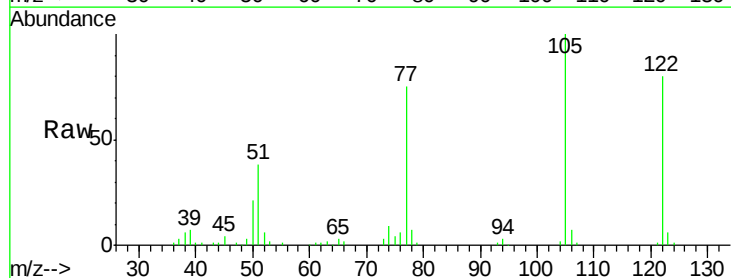
Instrument :
BNA_F
ClientSampleId :
PB132004BS

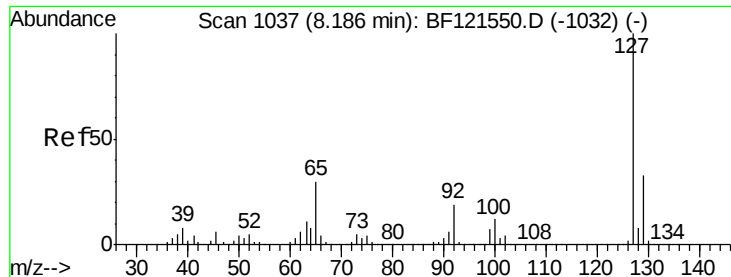
Tot Ion:128 Resp: 1152958
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 20.894 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:122 Resp: 207713
Ion Ratio Lower Upper
122 100
105 125.3 103.8 143.8
77 93.6 75.8 115.8

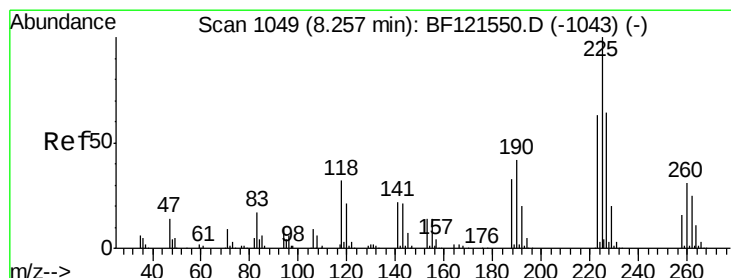
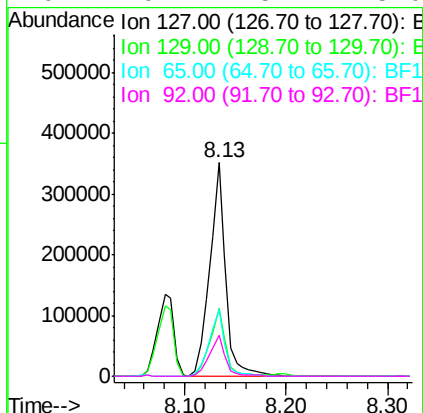
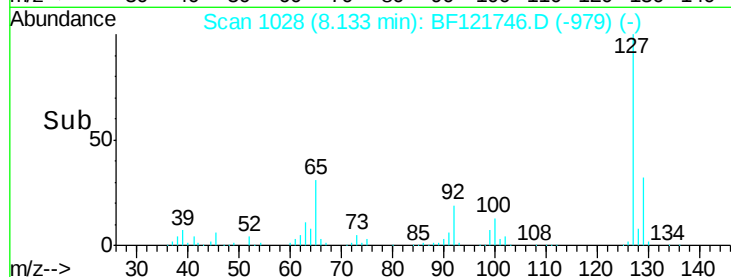
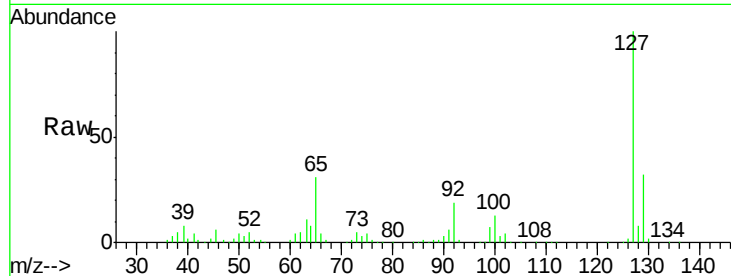




#33
4-Chloroaniline
Concen: 16.384 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

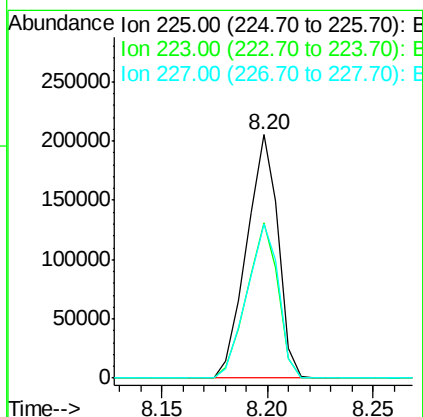
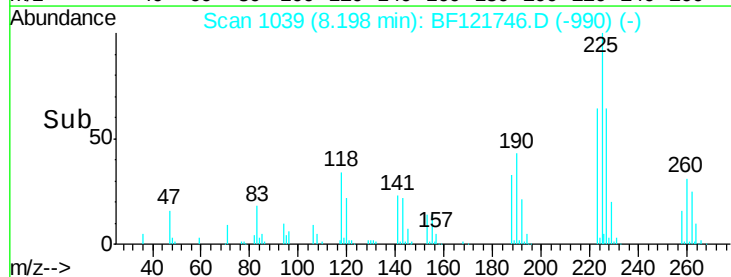
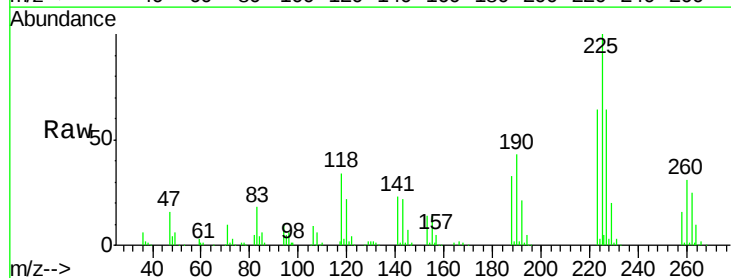
Instrument :
BNA_F
ClientSampleId :
PB132004BS

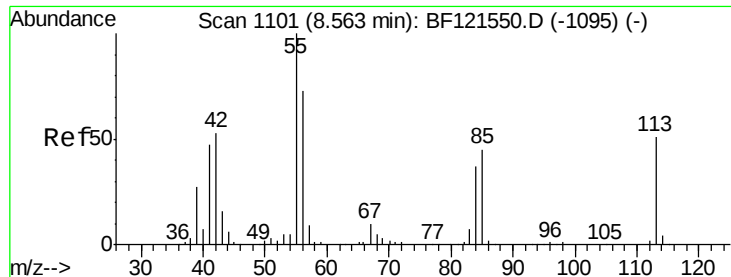
Tot Ion:	127	Resp:	382243
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	31.5	24.2	36.2
92	19.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 22.102 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:	225	Resp:	212349
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.5	75.7
227	63.5	51.0	76.4

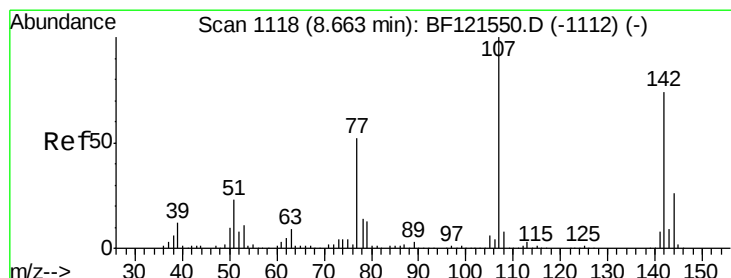
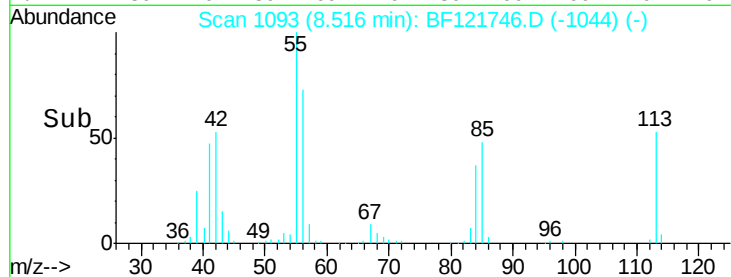
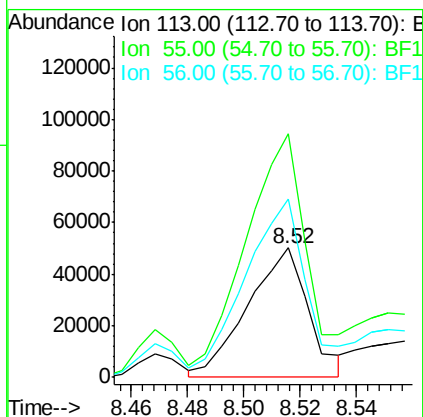
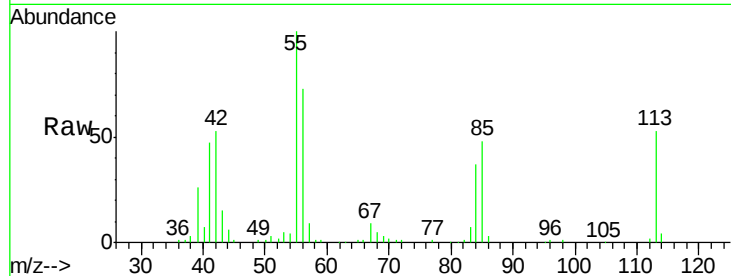




#35
Caprolactam
Concen: 14.409 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

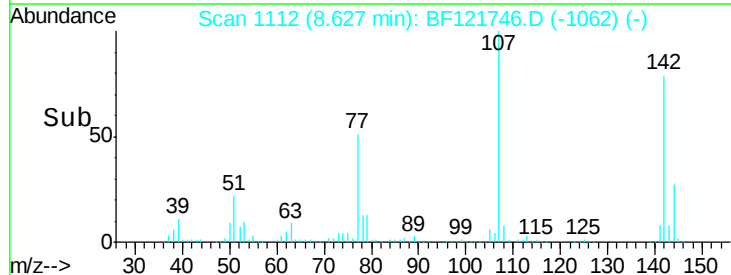
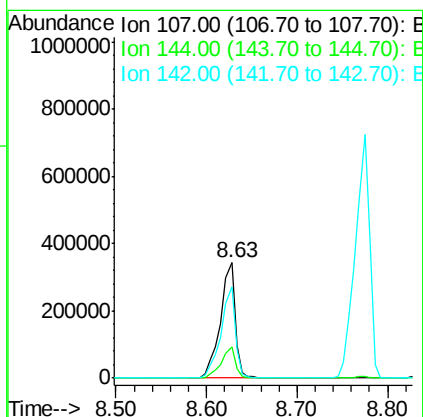
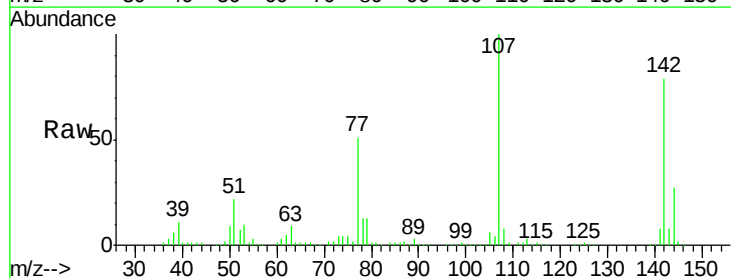
Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:113 Resp: 74576
Ion Ratio Lower Upper
113 100
55 188.2 170.7 210.7
56 137.3 122.1 162.1



#36
4-Chloro-3-methylphenol
Concen: 23.065 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:107 Resp: 386150
Ion Ratio Lower Upper
107 100
144 26.6 21.2 31.8
142 78.7 62.2 93.2





#37

2-Methylnaphthalene

Concen: 22.265 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

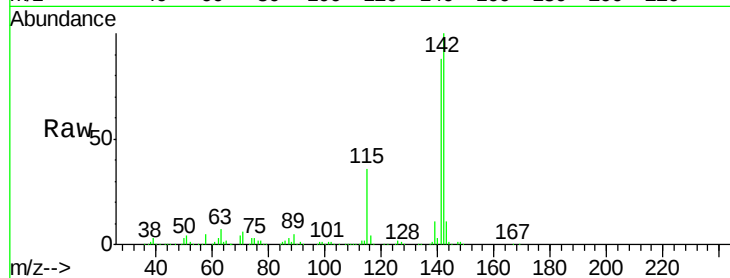
Tot Ion:142 Resp: 785332

Ion Ratio Lower Upper

142 100

141 88.3 70.1 105.1

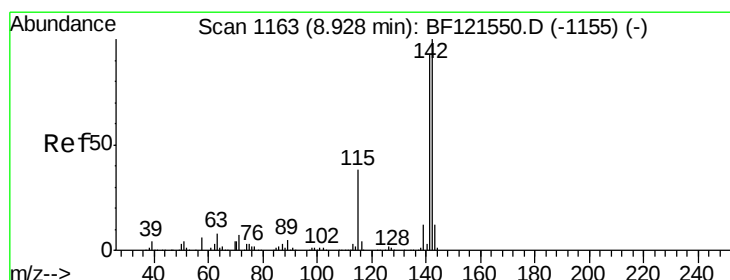
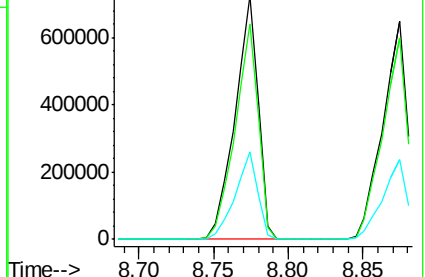
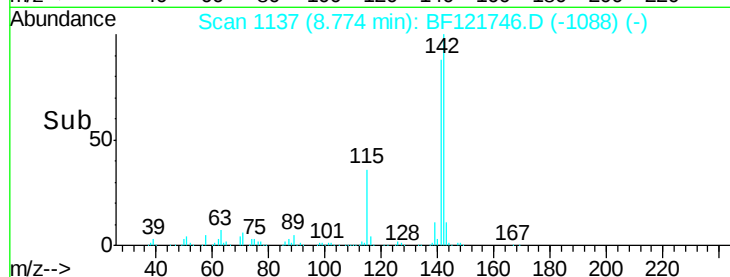
115 35.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 22.083 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

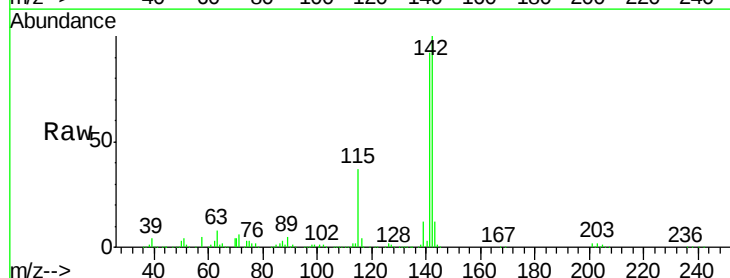
Tgt Ion:142 Resp: 724904

Ion Ratio Lower Upper

142 100

141 92.2 73.2 109.8

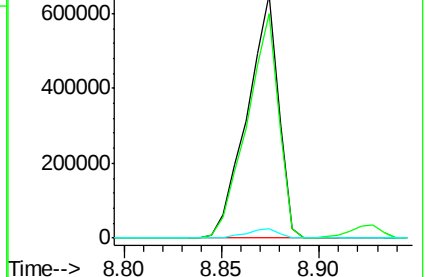
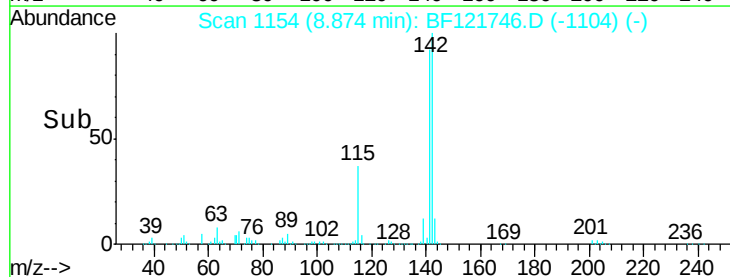
116 3.7 3.2 4.8

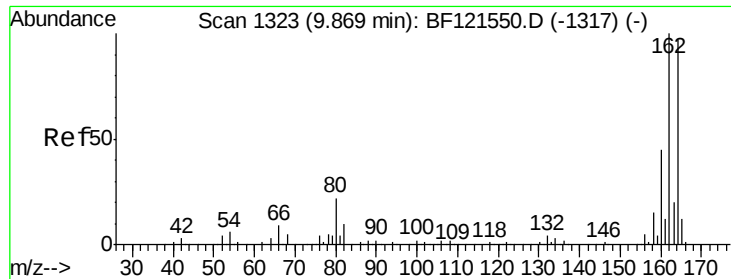


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

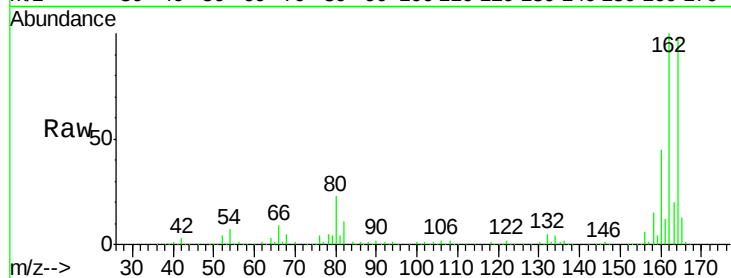
Tot Ion:164 Resp: 553972

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

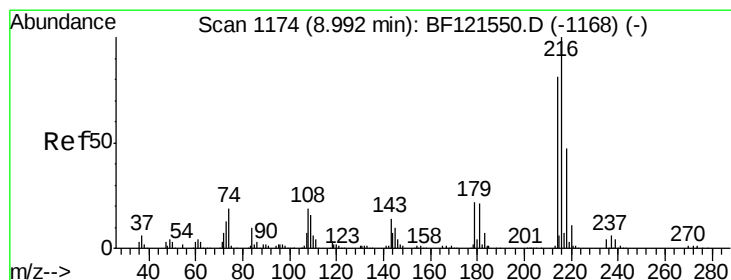
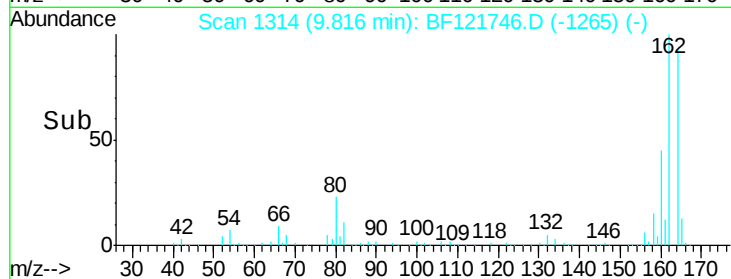
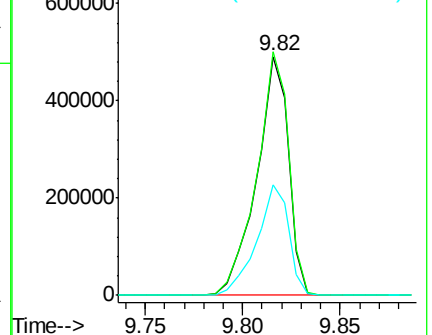
160 46.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.963 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Tgt Ion:216 Resp: 362743

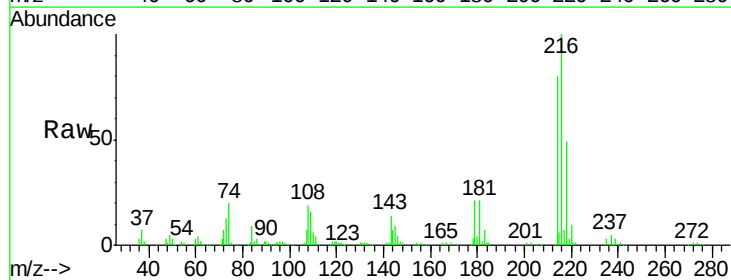
Ion Ratio Lower Upper

216 100

214 79.6 64.0 96.0

179 20.7 16.8 25.2

108 20.5 15.5 23.3

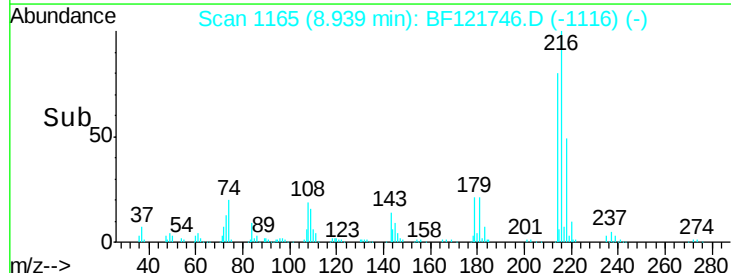
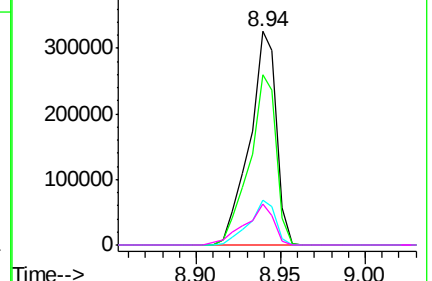


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.735 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

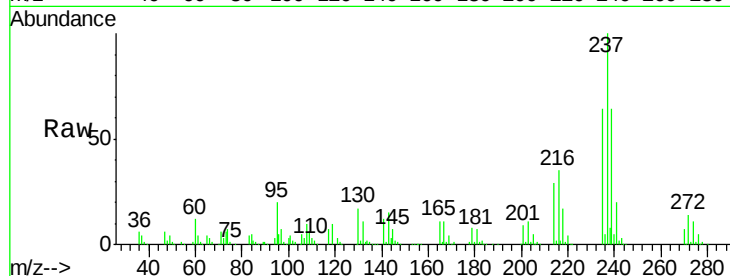
Tot Ion:237 Resp: 323484

Ion Ratio Lower Upper

237 100

235 63.7 42.3 82.3

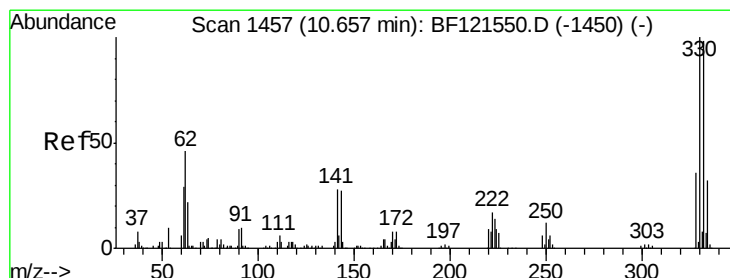
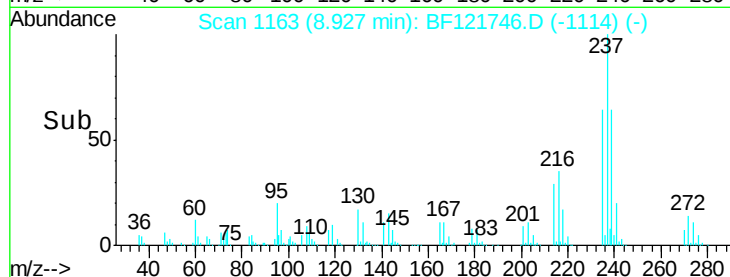
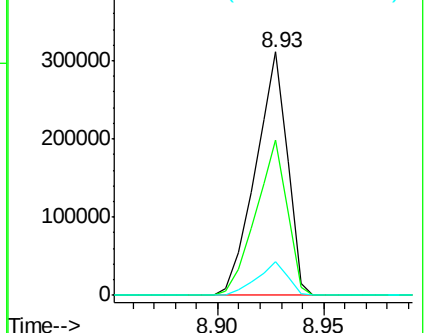
272 13.6 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 63.443 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

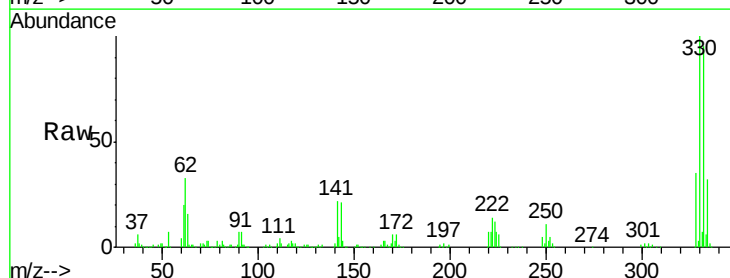
Tgt Ion:330 Resp: 436813

Ion Ratio Lower Upper

330 100

332 95.0 77.6 116.4

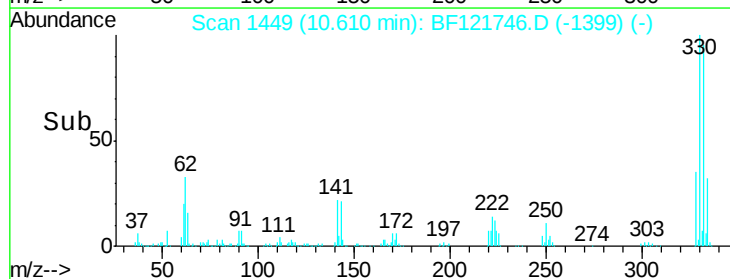
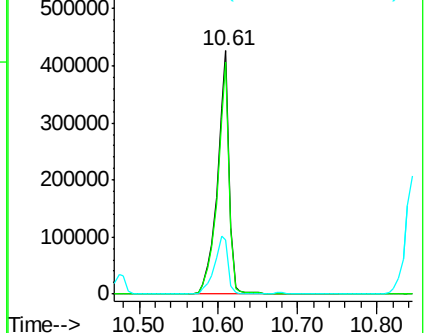
141 27.7 22.9 34.3



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

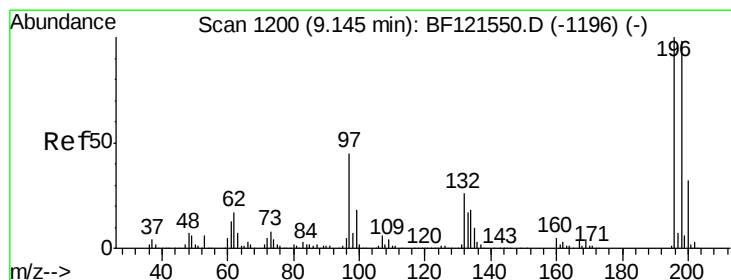
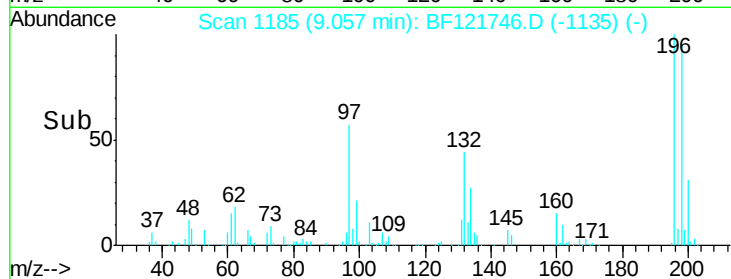
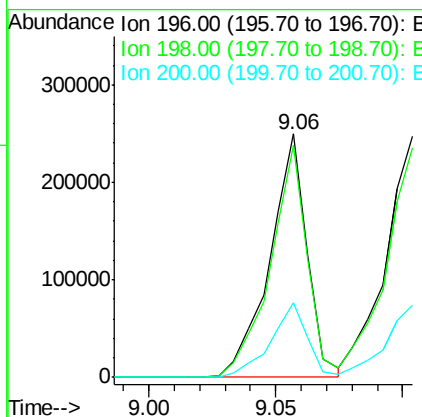
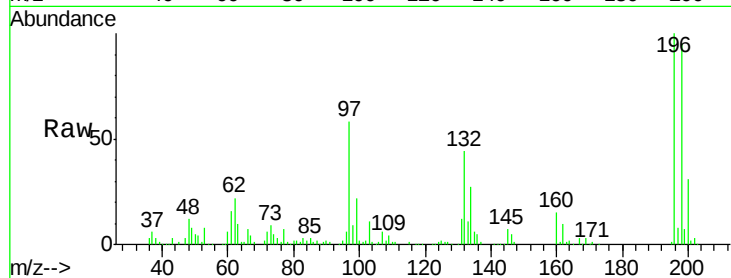




#43
 2,4,6-Trichlorophenol
 Concen: 21.778 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

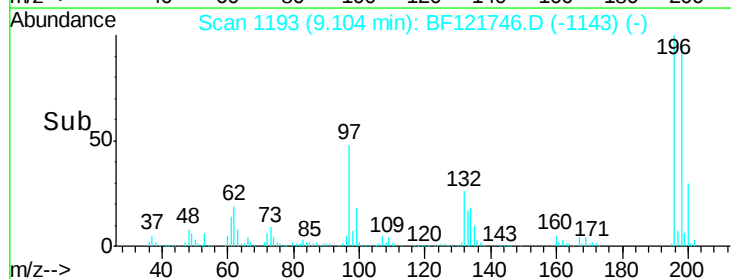
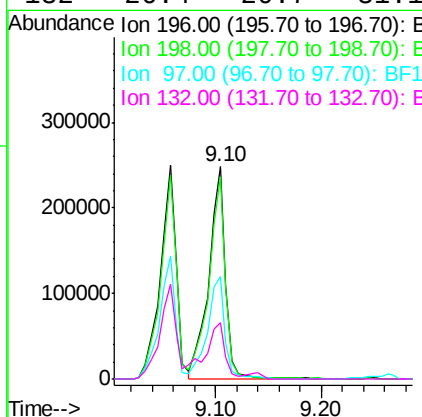
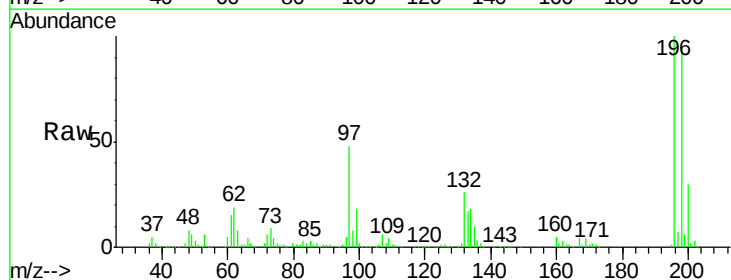
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

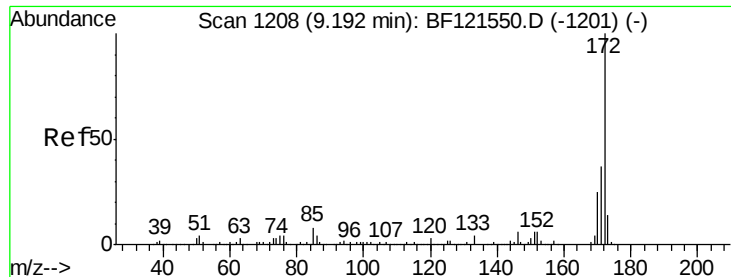
Tot Ion:196 Resp: 256873
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.0
 200 30.9 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 21.931 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:196 Resp: 273454
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.9 115.3
 97 48.1 36.9 55.3
 132 26.4 20.7 31.1

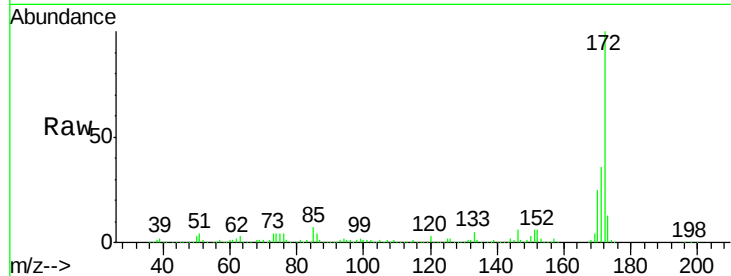




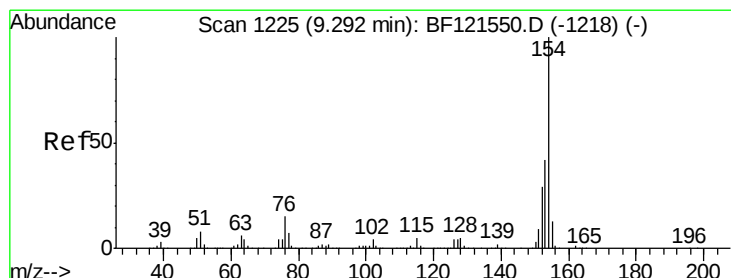
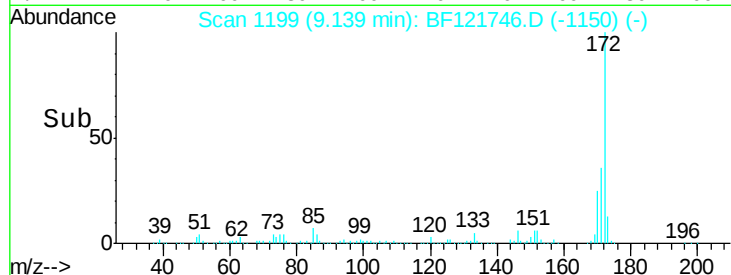
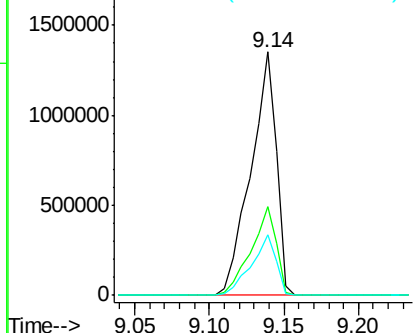
#45
2-Fluorobiphenyl
Concen: 43.615 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:172 Resp: 1595315
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.6 19.7 29.5

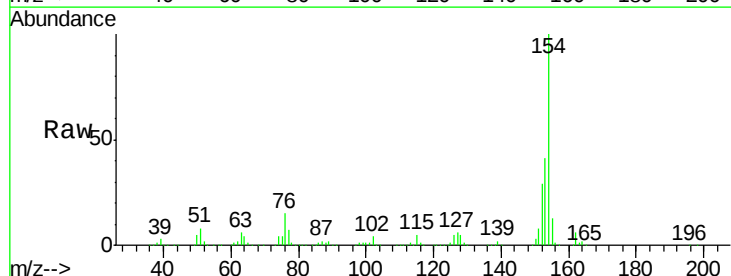


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

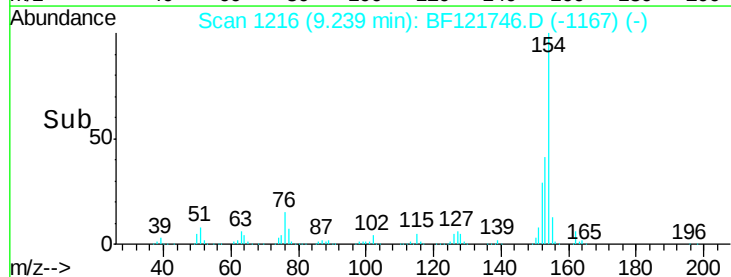
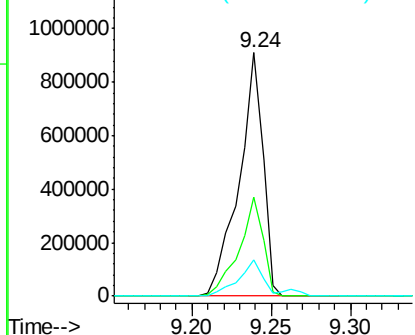


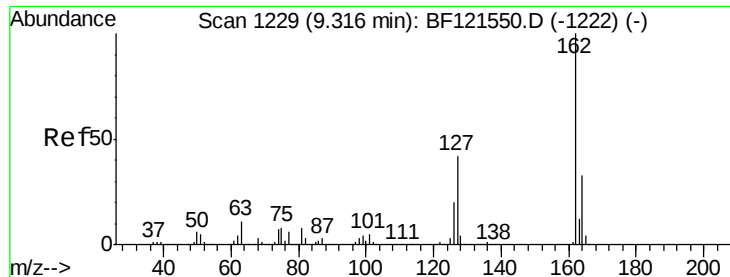
#46
1,1'-Biphenyl
Concen: 21.452 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:154 Resp: 951385
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 14.8 0.0 33.3



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

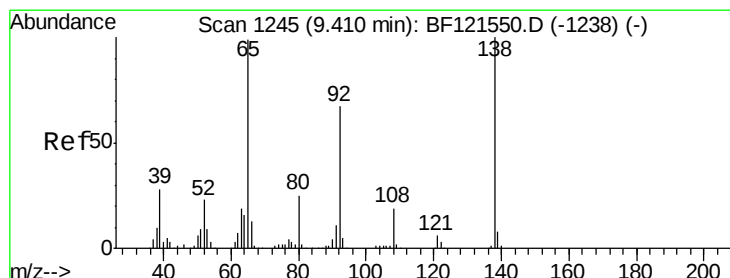
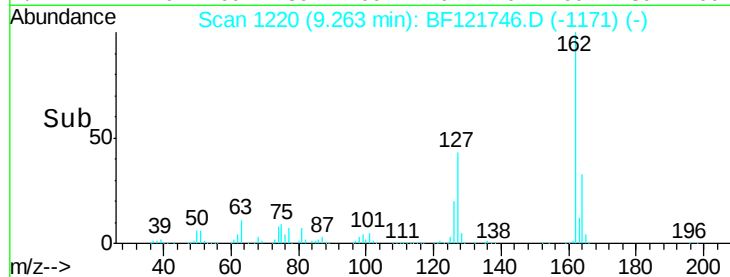
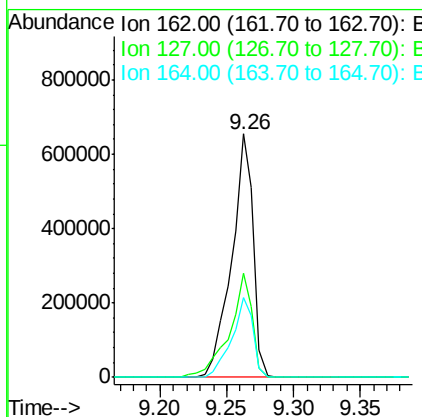
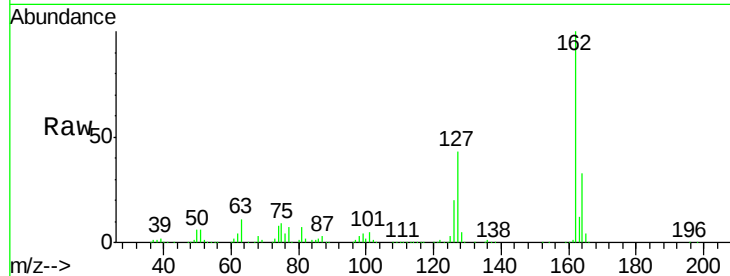




#47
 2-Chloronaphthalene
 Concen: 21.185 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

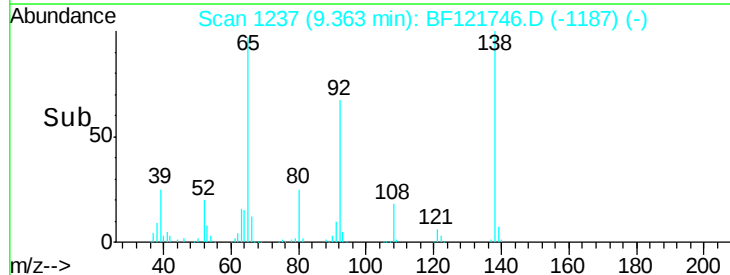
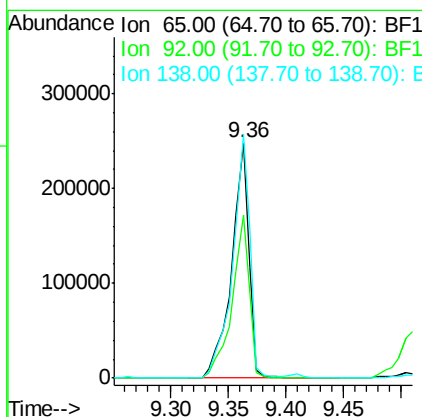
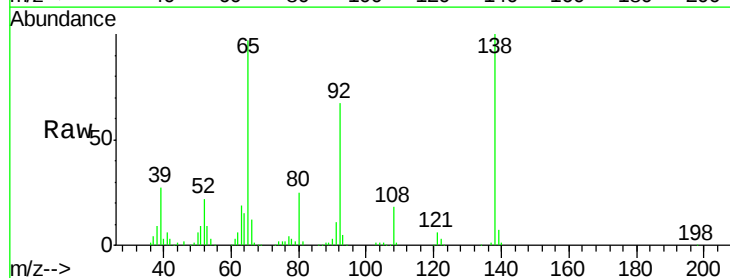
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

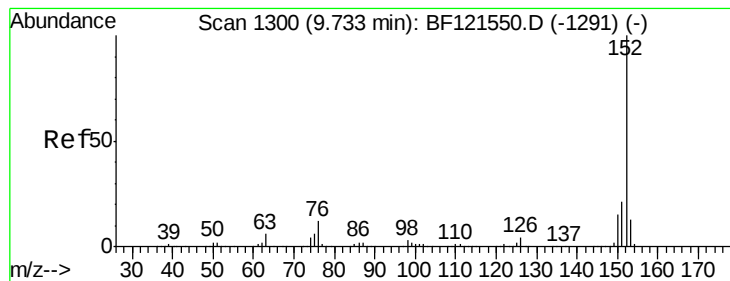
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.8	50.6
164	32.9	26.2	39.4



#48
 2-Nitroaniline
 Concen: 23.680 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.1	79.7
138	103.6	76.7	115.1





#49

Acenaphthylene

Concen: 21.730 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

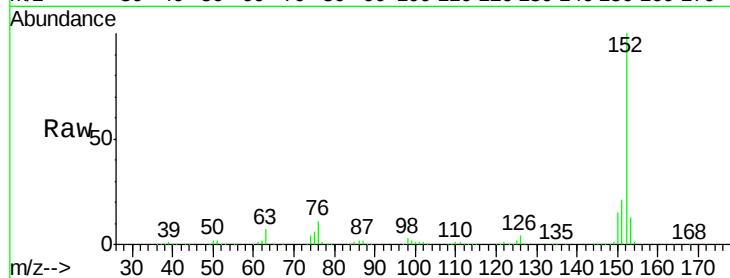
Tot Ion:152 Resp: 1166827

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

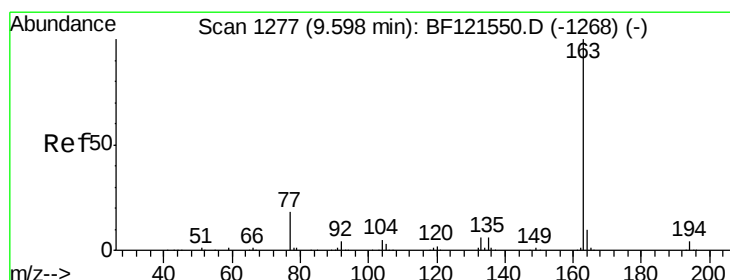
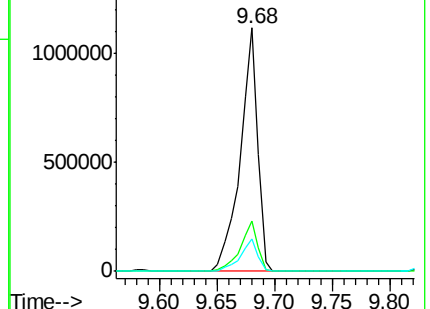
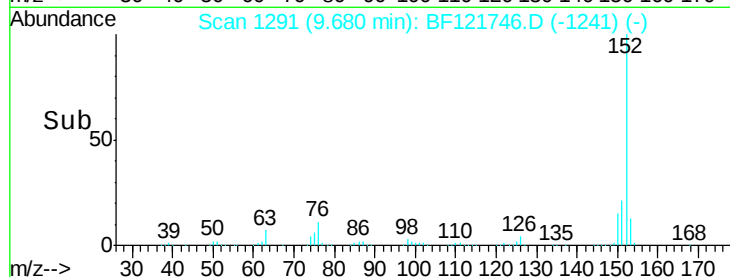
153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 22.993 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

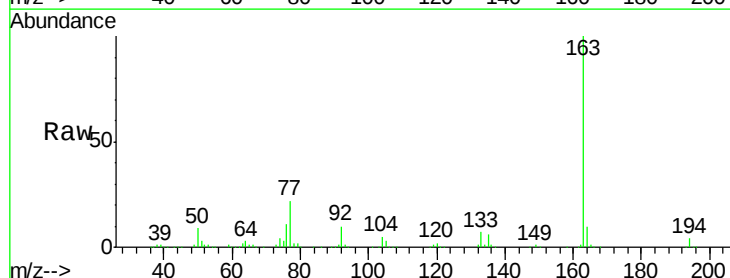
Tgt Ion:163 Resp: 923199

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

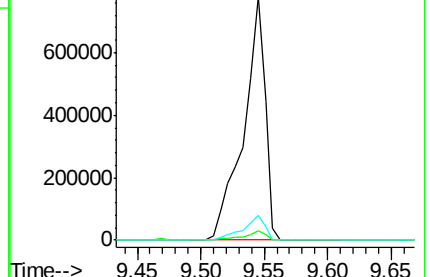
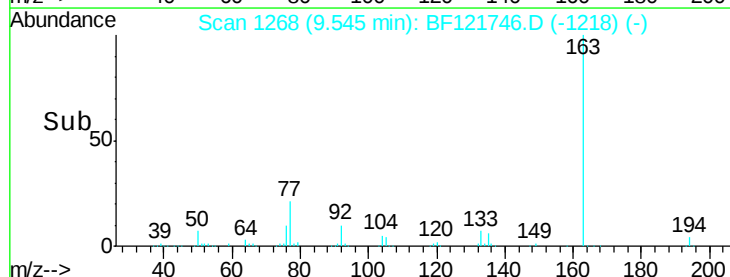
164 10.3 8.5 12.7

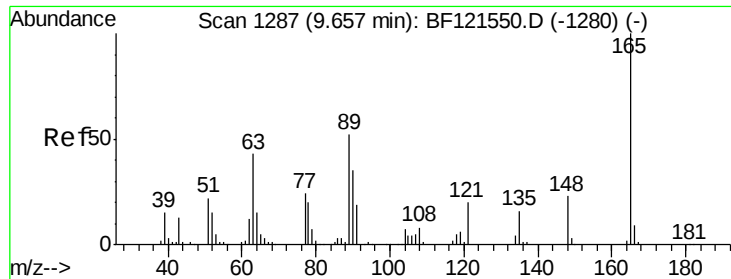


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

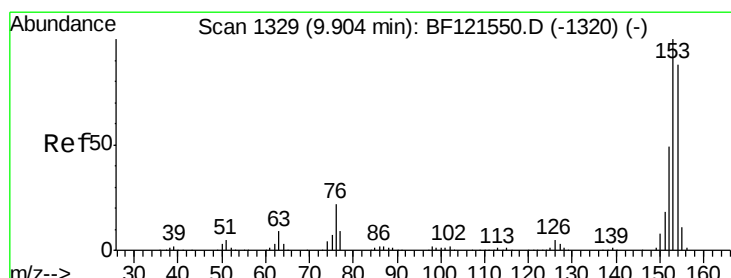
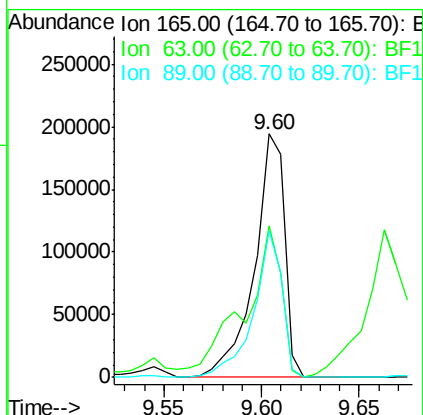
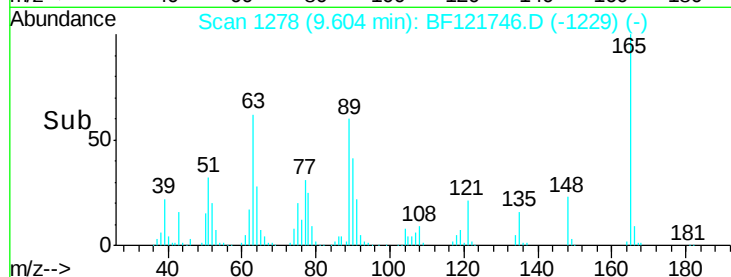
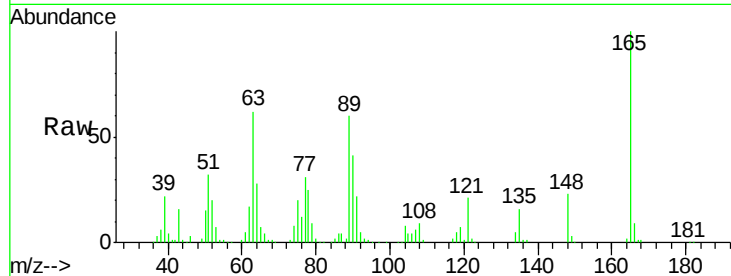




#51
 2,6-Dinitrotoluene
 Concen: 24.377 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

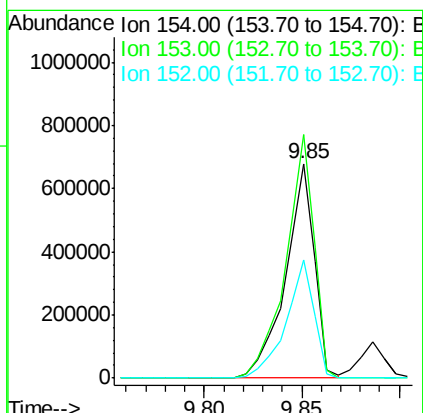
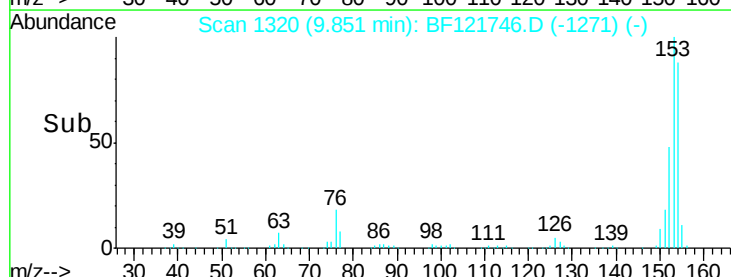
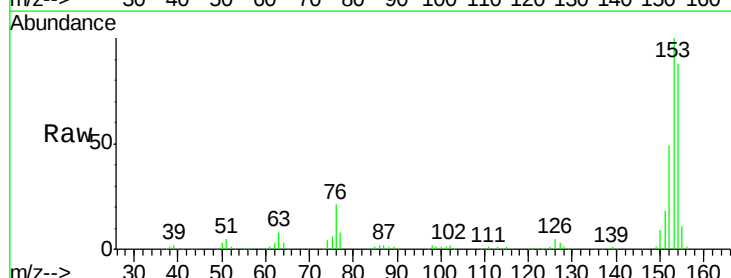
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

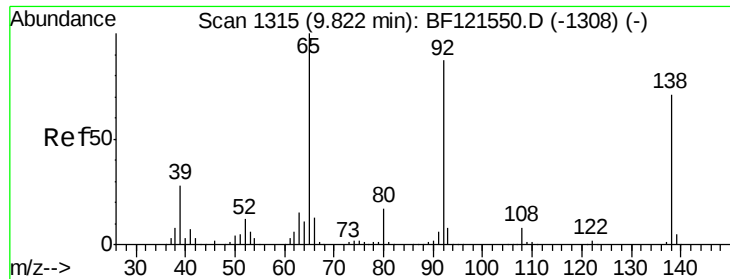
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	43.8	65.6
89	59.9	43.0	64.4



#52
 Acenaphthene
 Concen: 20.388 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.7	136.1
152	55.0	43.9	65.9

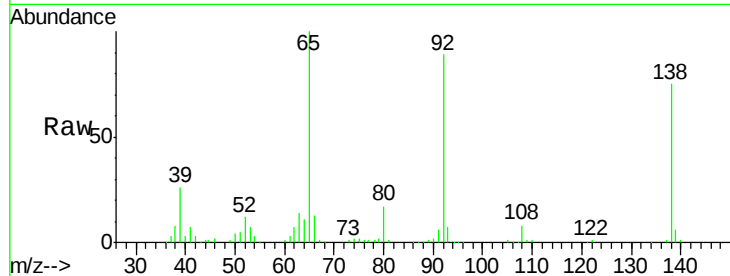




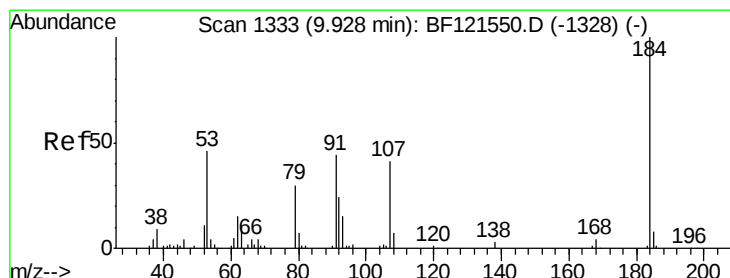
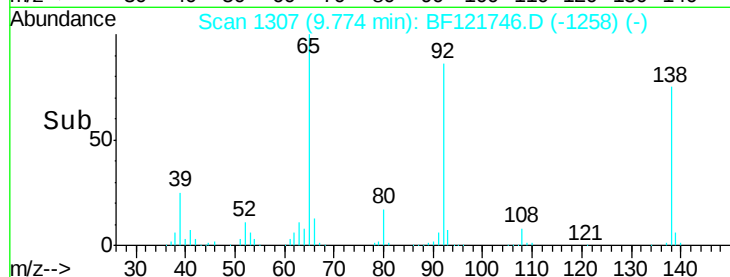
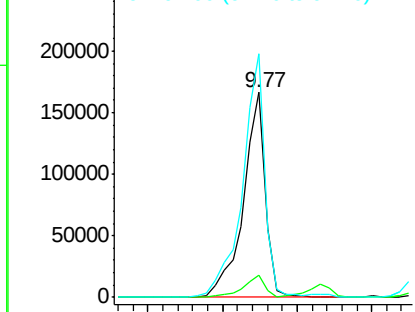
#53
3-Nitroaniline
Concen: 17.174 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:138 Resp: 170122
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 118.8 93.4 140.0

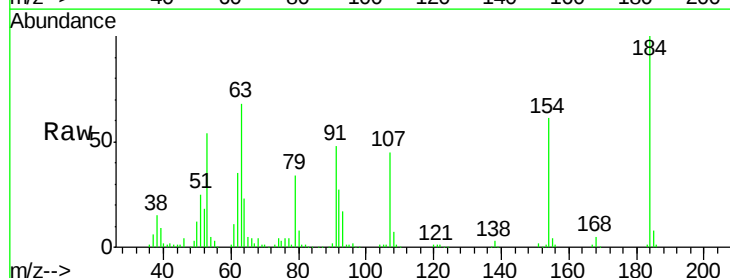


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

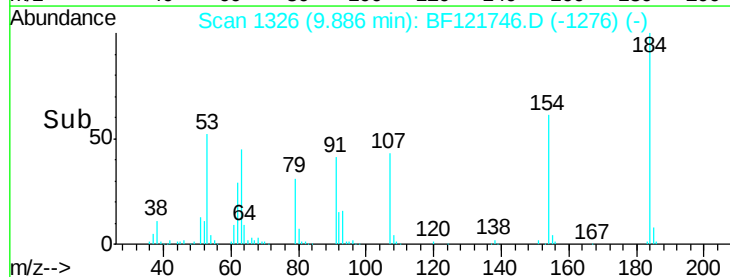
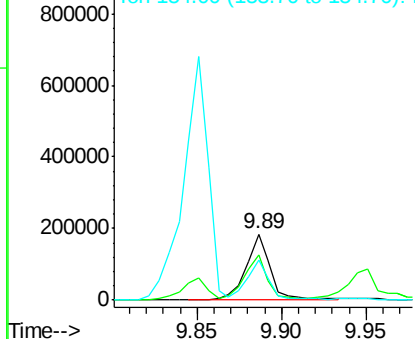


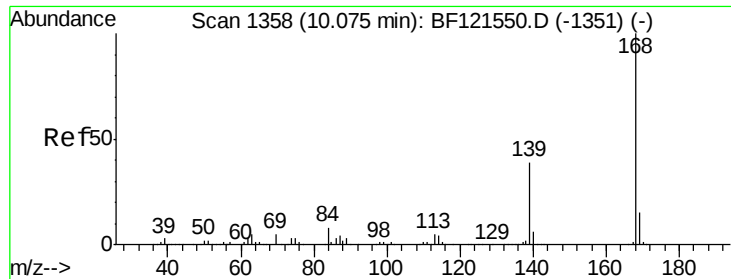
#54
2,4-Dinitrophenol
Concen: 42.438 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:184 Resp: 185676
Ion Ratio Lower Upper
184 100
63 68.2 50.1 75.1
154 61.5 47.0 70.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

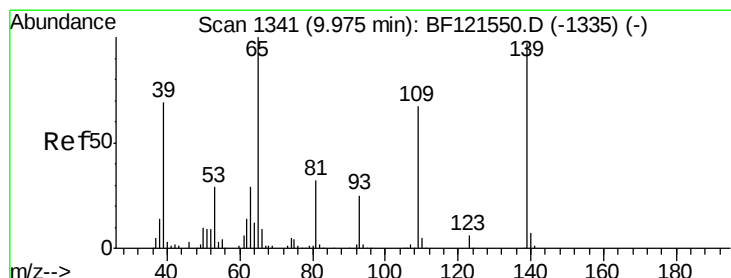
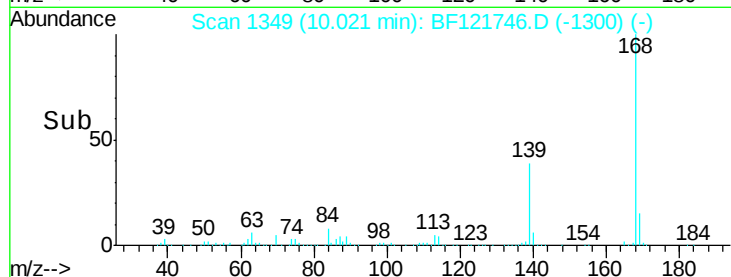
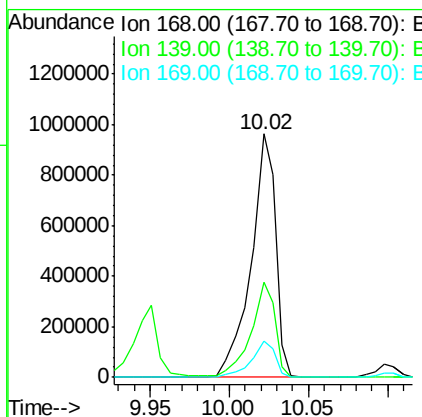
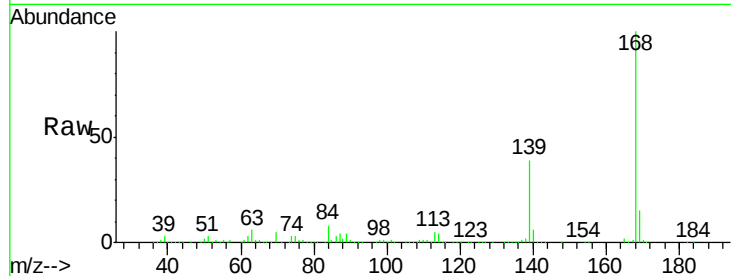




#55
Dibenzofuran
Concen: 21.645 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

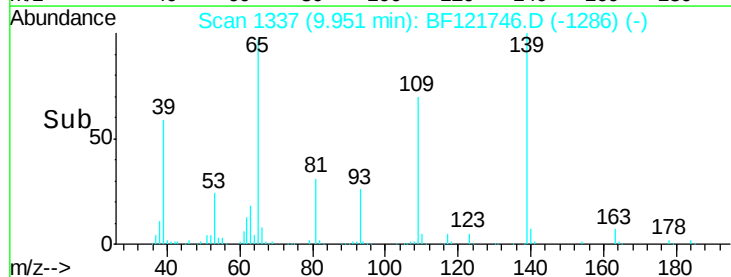
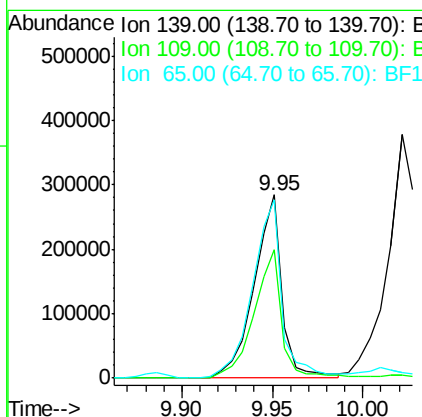
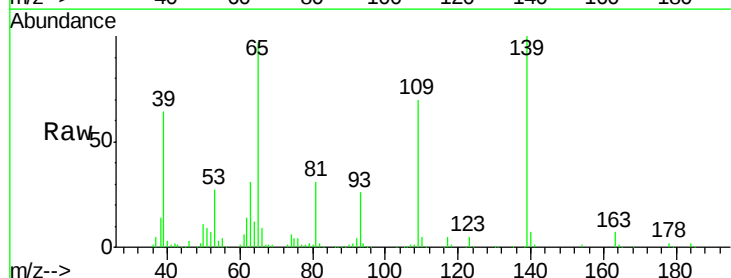
Instrument :
BNA_F
ClientSampleId :
PB132004BS

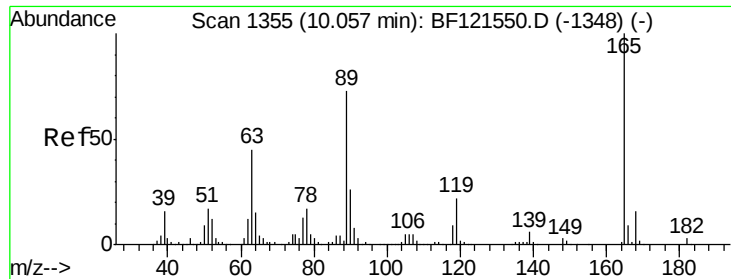
Tot Ion:168 Resp: 1033811
Ion Ratio Lower Upper
168 100
139 39.2 30.3 45.5
169 14.7 11.2 16.8



#56
4-Nitrophenol
Concen: 38.582 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:139 Resp: 304787
Ion Ratio Lower Upper
139 100
109 69.9 48.4 88.4
65 97.2 77.7 117.7

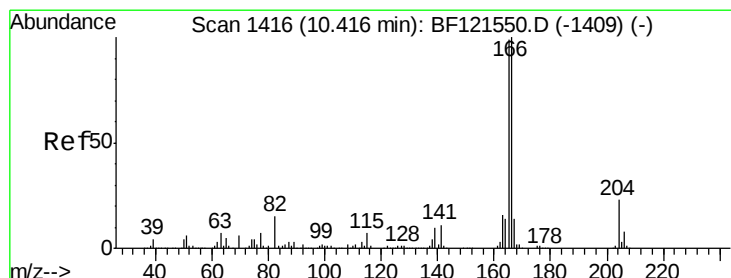
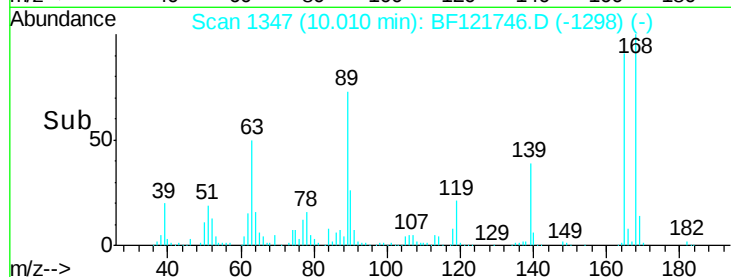
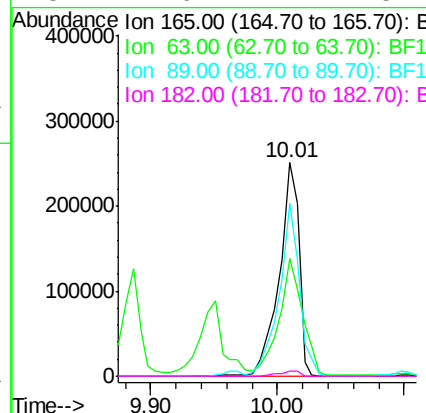
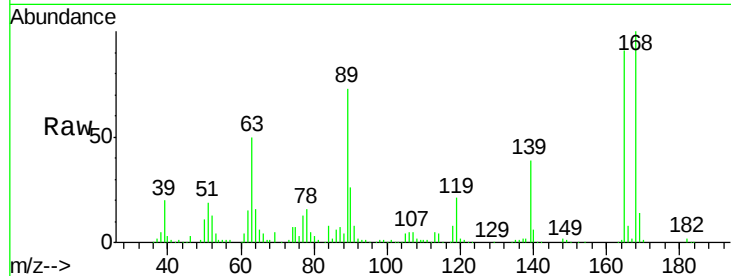




#57
2,4-Dinitrotoluene
Concen: 25.228 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

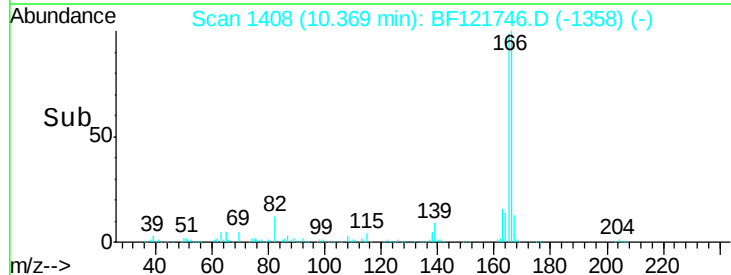
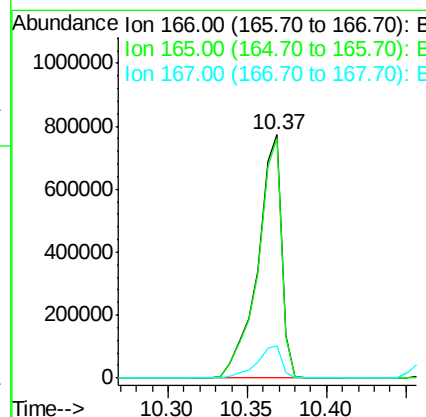
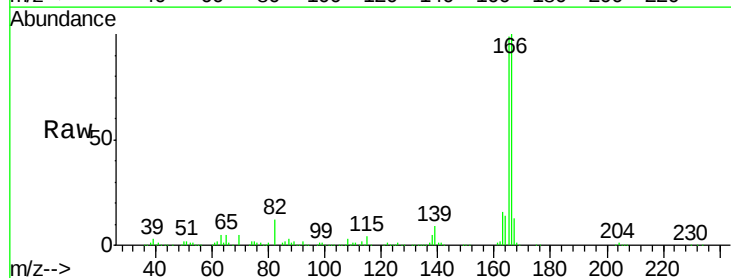
Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:	165	Resp:	271390
Ion	Ratio	Lower	Upper
165	100		
63	55.2	39.0	58.6
89	80.7	57.5	86.3
182	2.6	2.2	3.4



#58
Fluorene
Concen: 22.240 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:	166	Resp:	812302
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	13.2	10.6	16.0

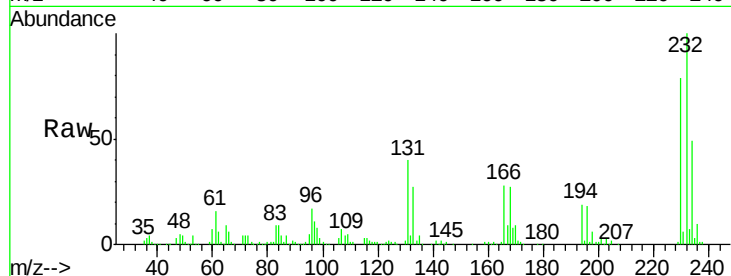




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 23.119 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.9	52.3
130	2.2	1.7	2.5
166	28.9	23.7	35.5

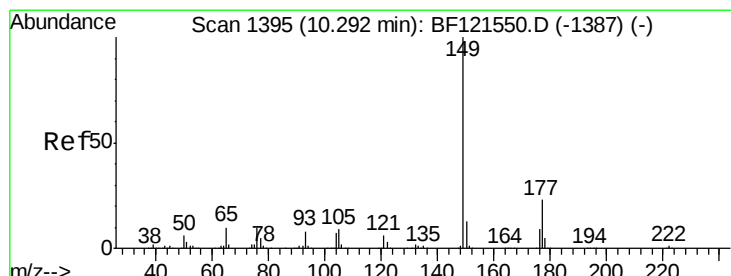
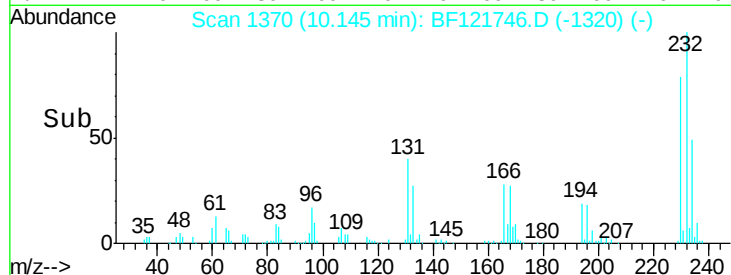
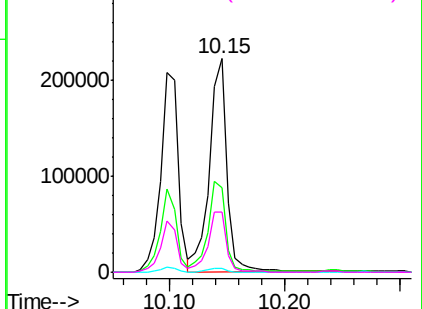


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

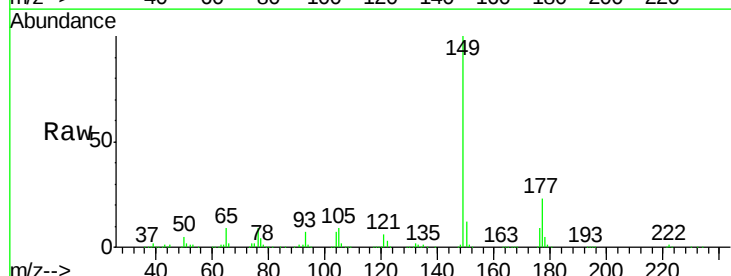
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 23.578 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

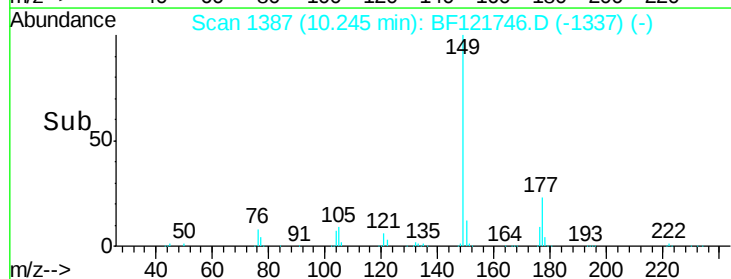
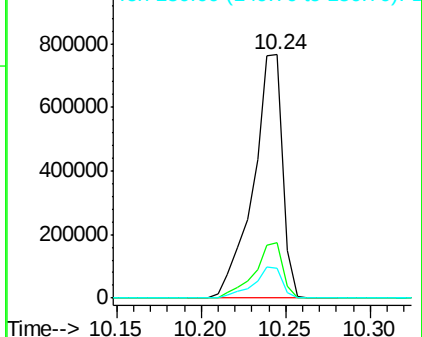
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.2	10.0	15.0

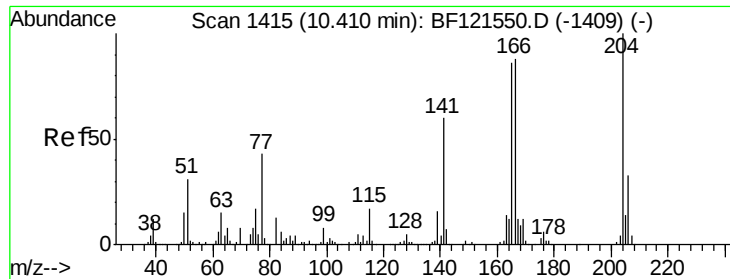


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

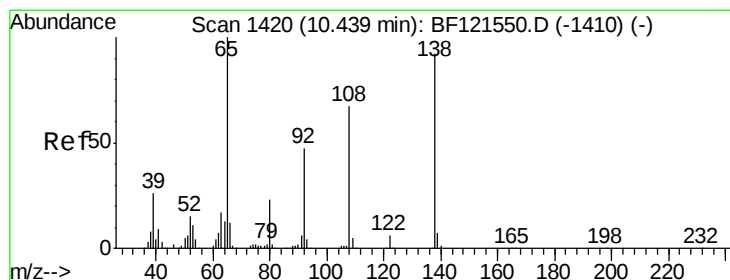
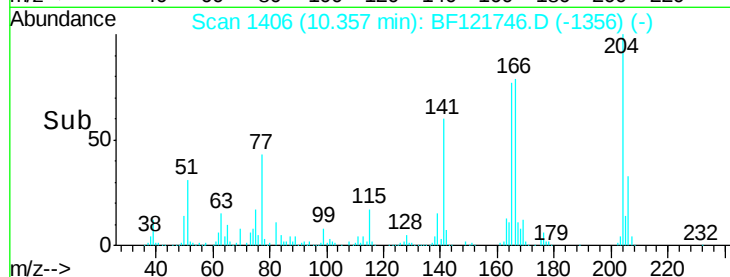
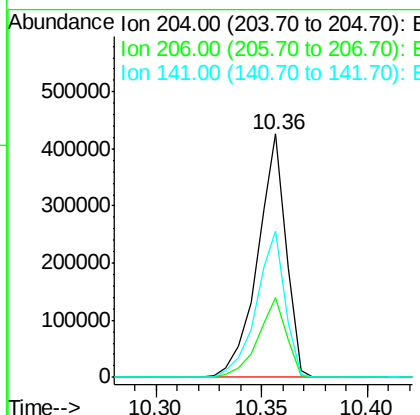
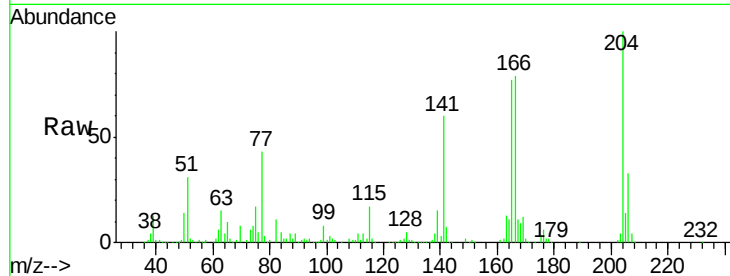




#61
 4-Chlorophenyl-phenylether
 Concen: 22.731 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

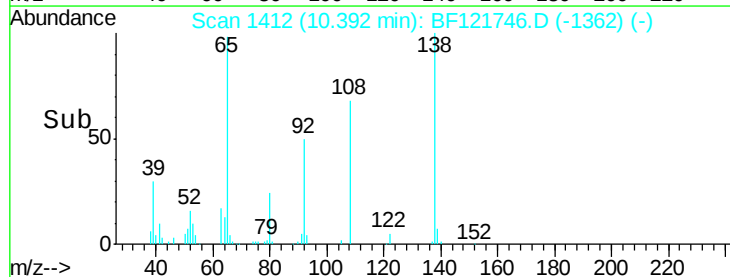
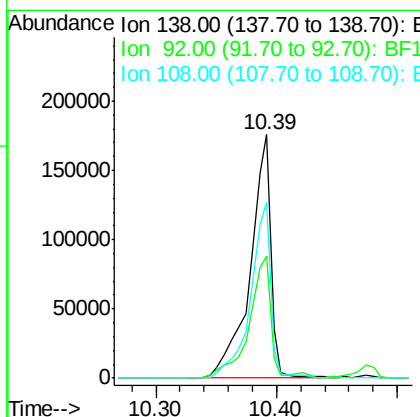
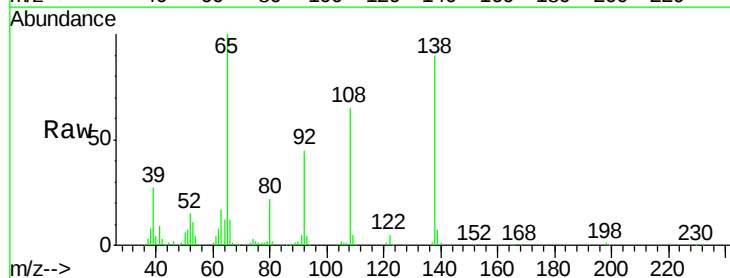
Instrument :
 BNA_F
 ClientSampleID :
 PB132004BS

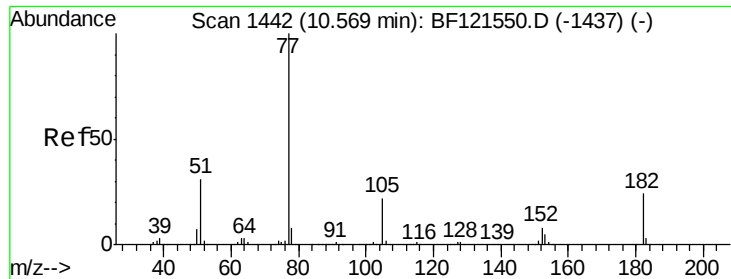
Tot Ion:	204	Resp:	397717
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	60.1	51.4	77.0



#62
 4-Nitroaniline
 Concen: 21.619 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:	138	Resp:	212628
Ion	Ratio	Lower	Upper
138	100		
92	50.4	33.6	73.6
108	72.3	53.5	93.5





#63

Azobenzene

Concen: 22.224 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

Tot Ion: 77 Resp: 926472

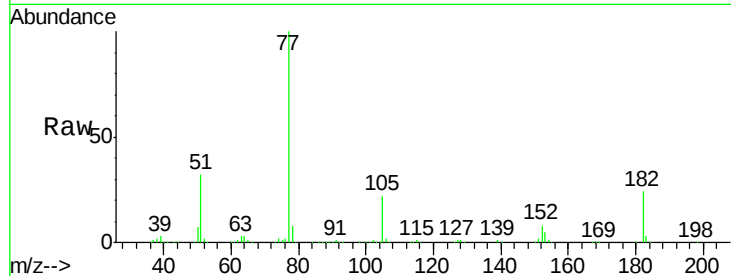
Ion Ratio Lower Upper

77 100

182 23.8 6.5 46.5

105 21.7 2.1 42.1

51 31.9 11.3 51.3

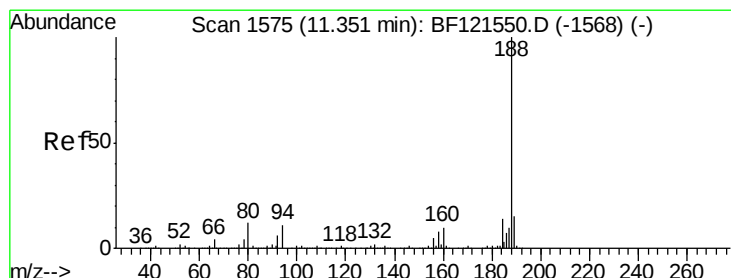
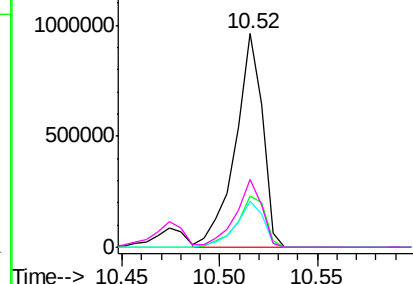
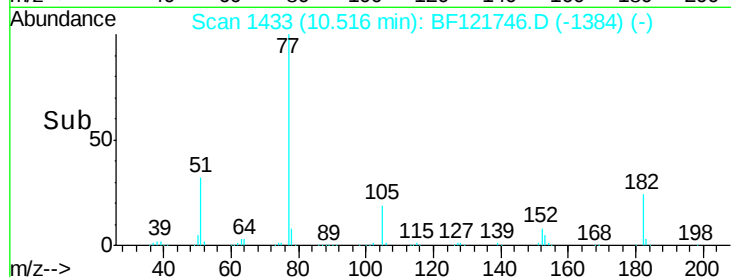


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

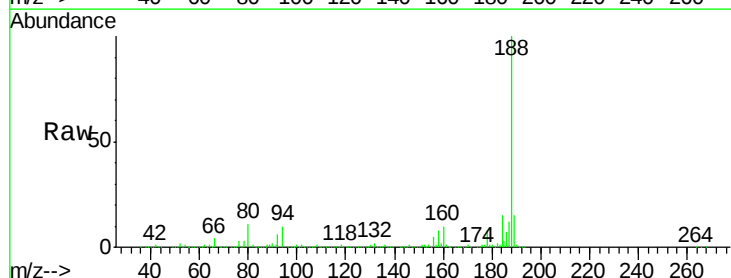
Tgt Ion: 188 Resp: 1019088

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

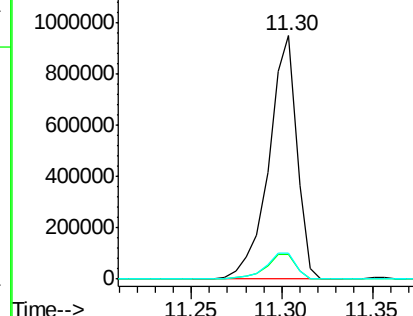
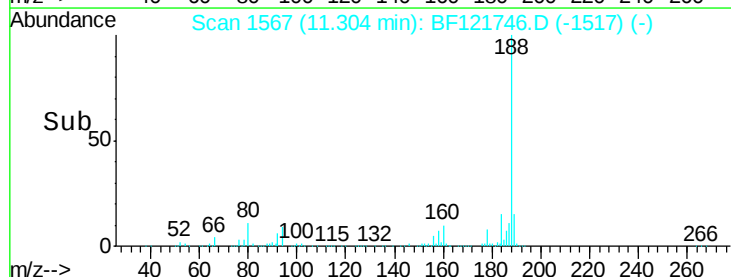
80 10.8 8.9 13.3

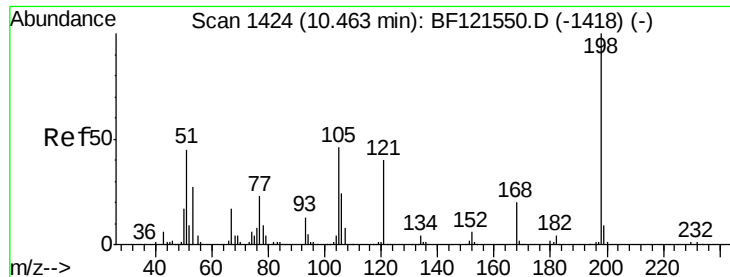


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

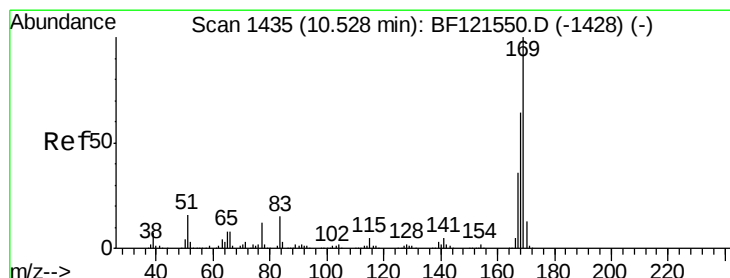
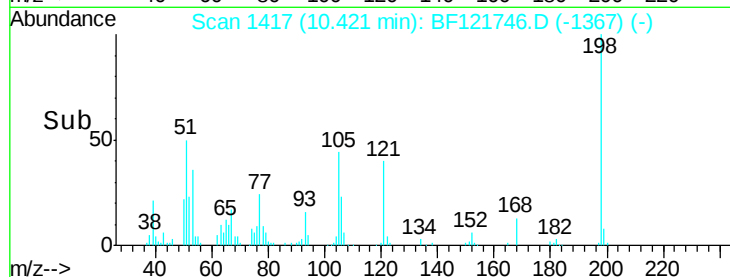
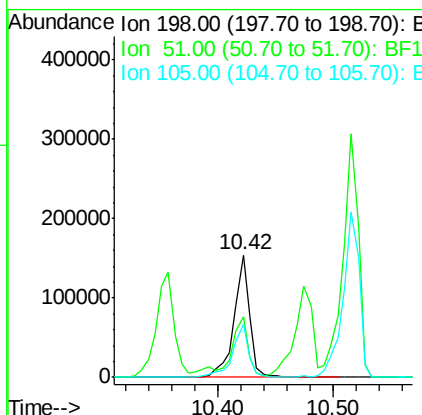
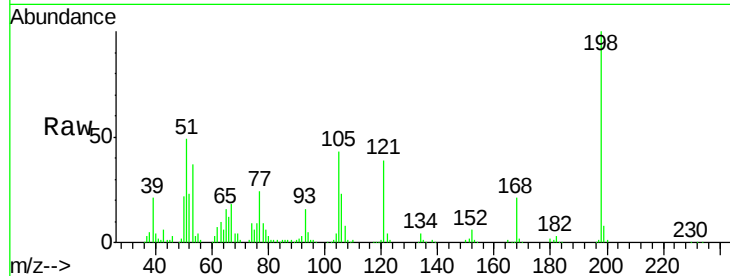




#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.787 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

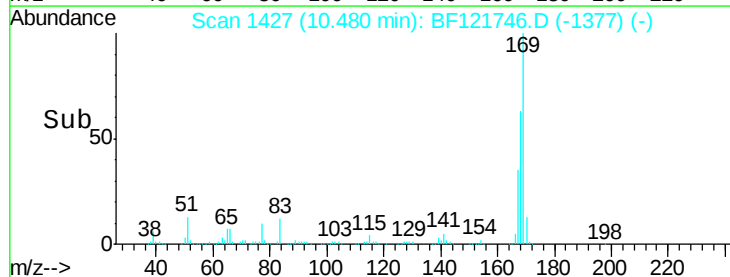
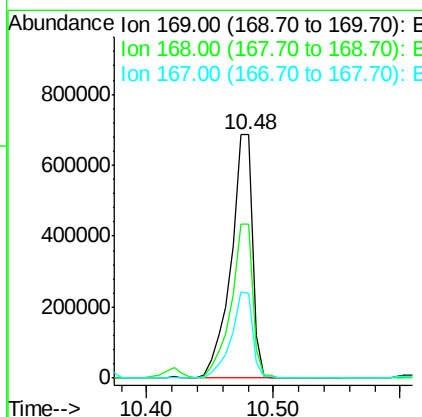
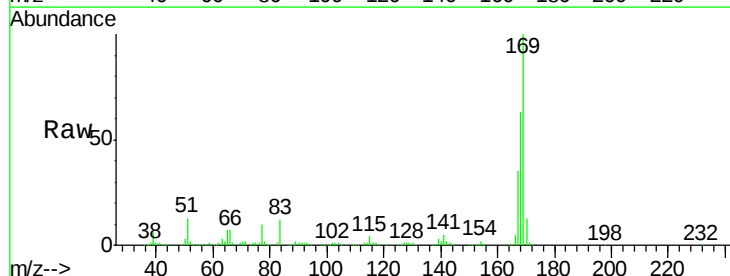
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

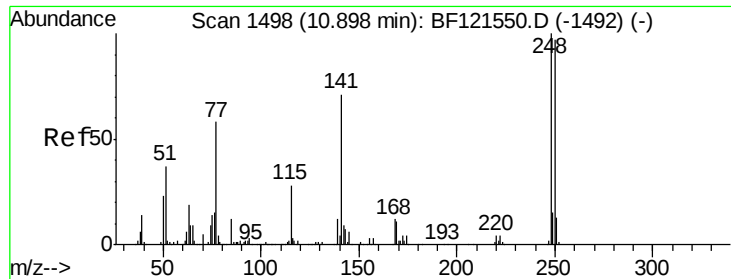
Tot Ion:198 Resp: 145425
 Ion Ratio Lower Upper
 198 100
 51 49.4 34.7 74.7
 105 43.3 27.8 67.8



#66
 n-Nitrosodiphenylamine
 Concen: 22.799 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:169 Resp: 797108
 Ion Ratio Lower Upper
 169 100
 168 63.5 51.0 76.6
 167 34.8 28.4 42.6

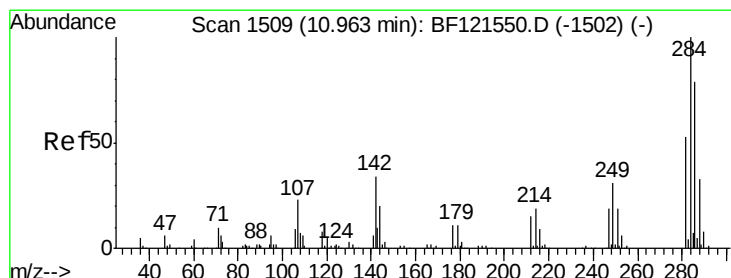
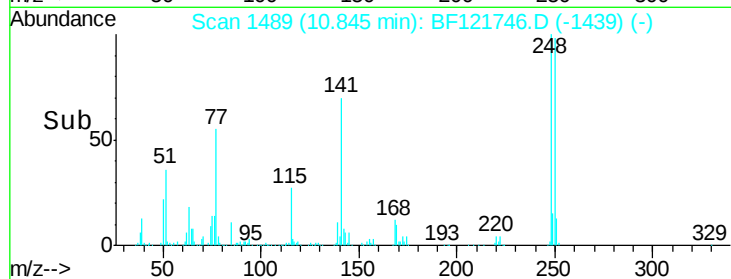
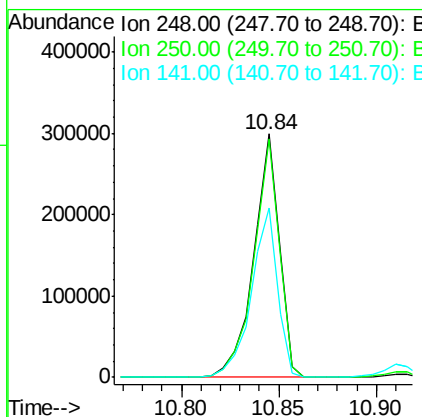
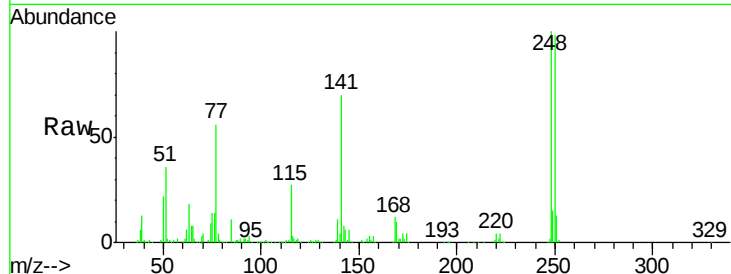




#67
 4-Bromophenyl-phenylether
 Concen: 23.450 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

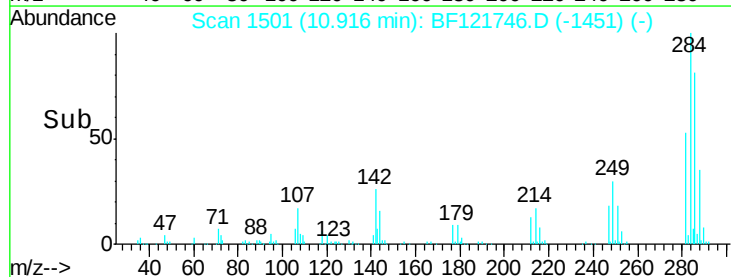
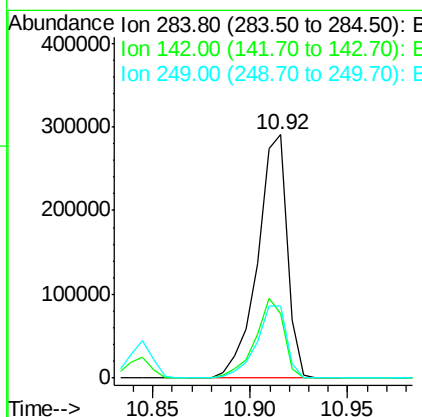
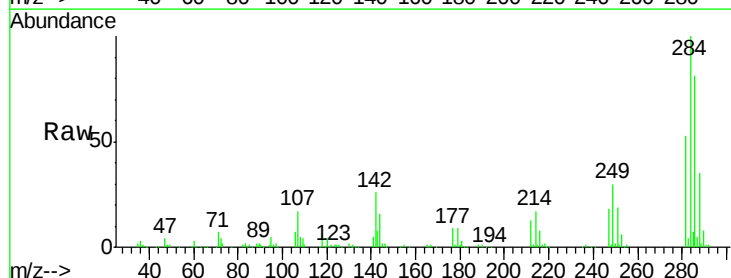
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.6	118.0
141	69.5	60.0	90.0



#68
 Hexachlorobenzene
 Concen: 23.349 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	24.1	36.1
249	29.6	23.8	35.8

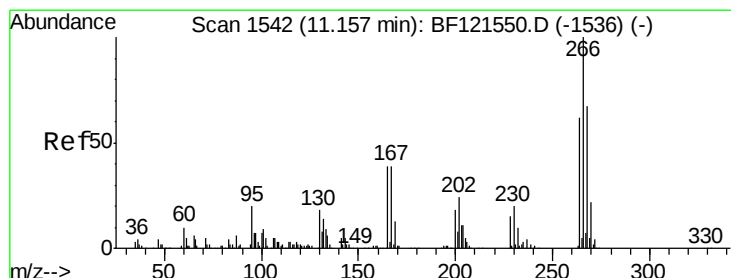
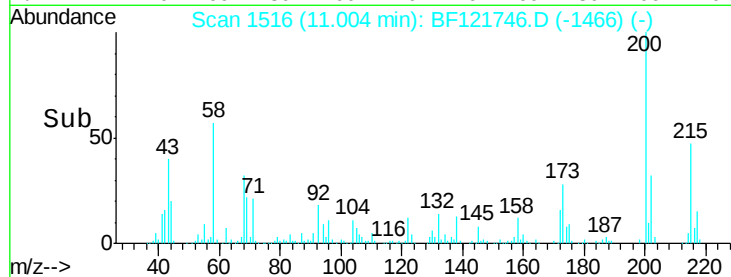
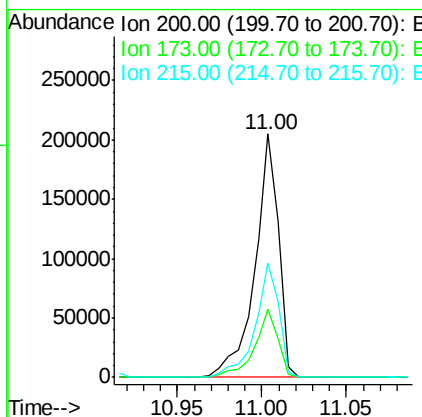
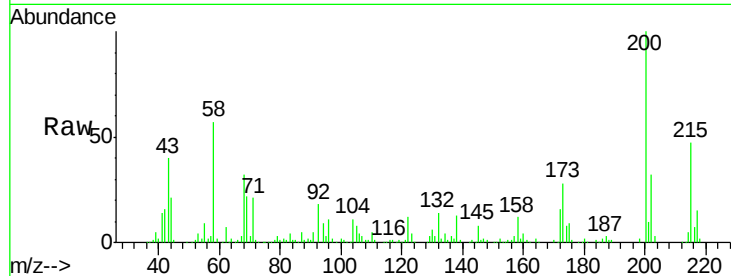




#69
Atrazine
Concen: 22.921 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

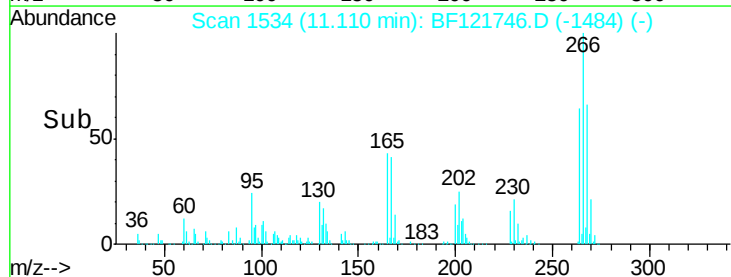
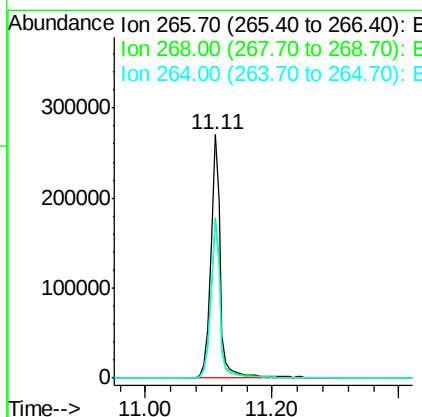
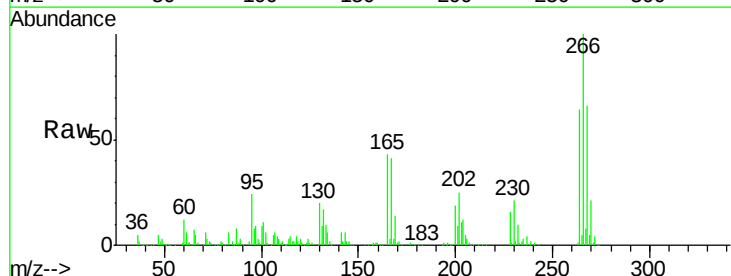
Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	46.7	28.3	68.3



#70
Pentachlorophenol
Concen: 40.459 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	53.2	79.8
264	64.1	50.1	75.1

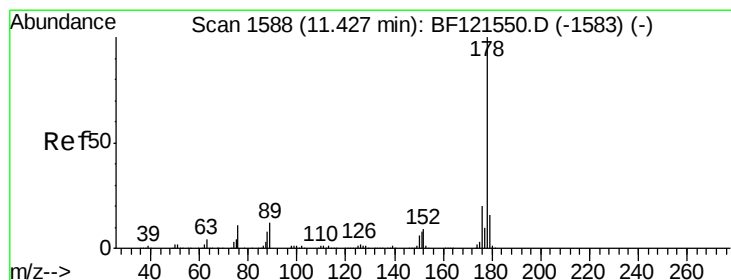
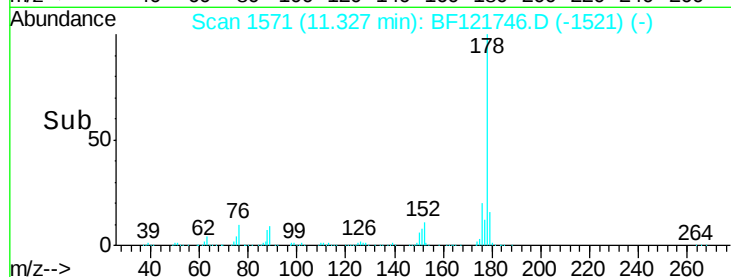
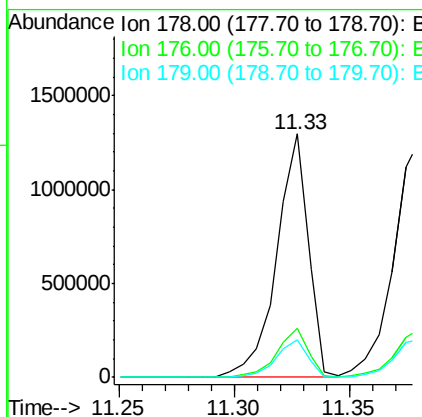
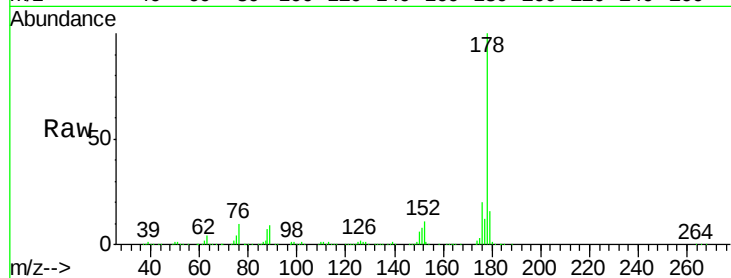




#71
Phenanthrene
Concen: 22.167 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

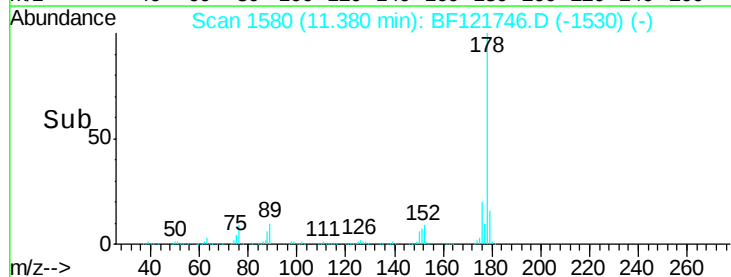
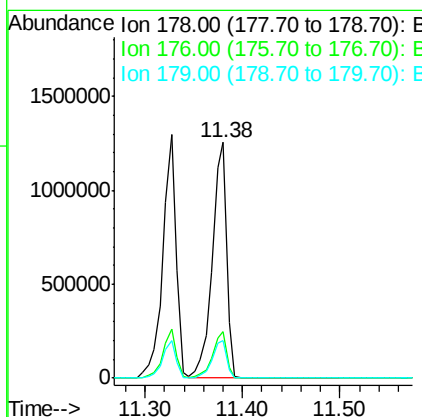
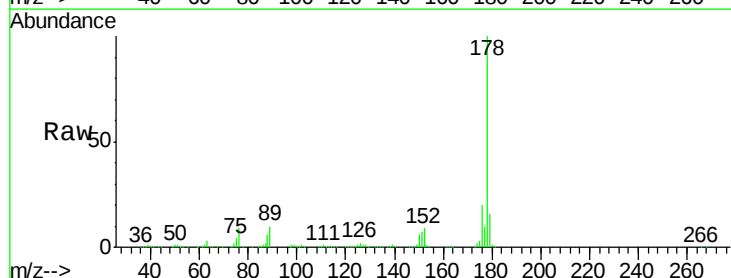
Instrument :
BNA_F
ClientSampleId :
PB132004BS

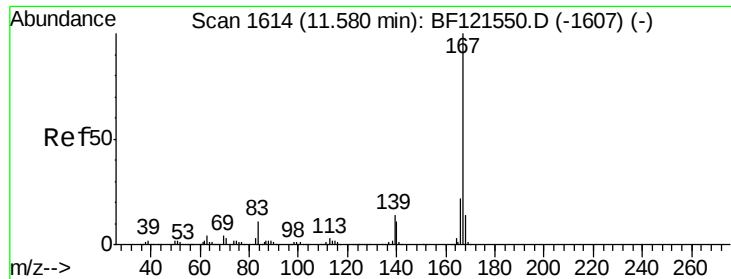
Tot Ion:178 Resp: 1230813
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.6 12.6 19.0



#72
Anthracene
Concen: 22.316 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:178 Resp: 1278678
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.7 12.6 19.0

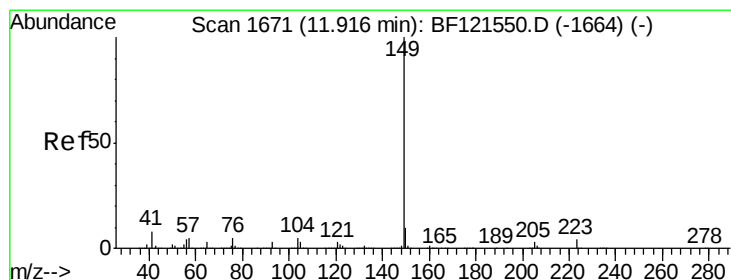
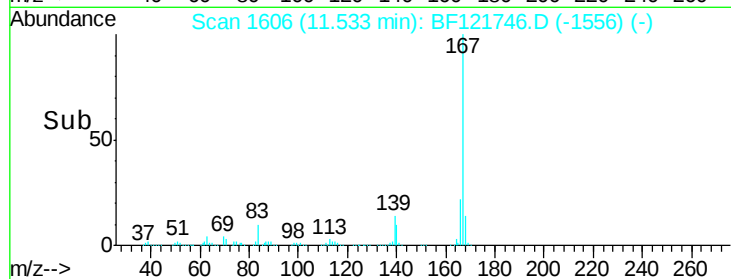
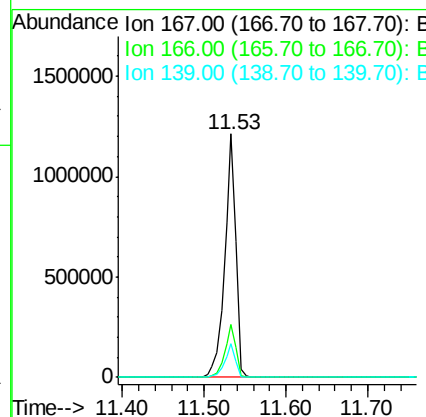
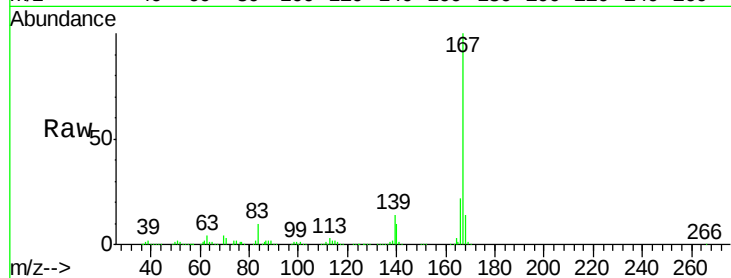




#73
 Carbazole
 Concen: 22.280 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

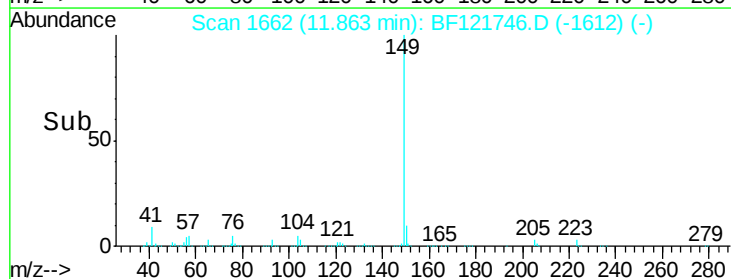
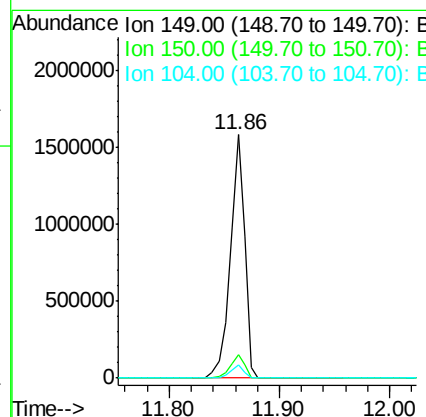
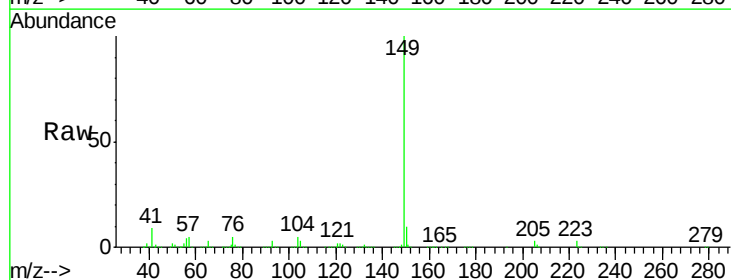
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

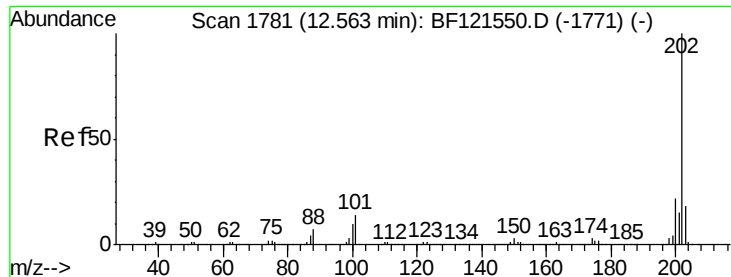
Tot Ion:167 Resp: 1152010
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 24.025 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:149 Resp: 1433733
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.2 4.2 6.4

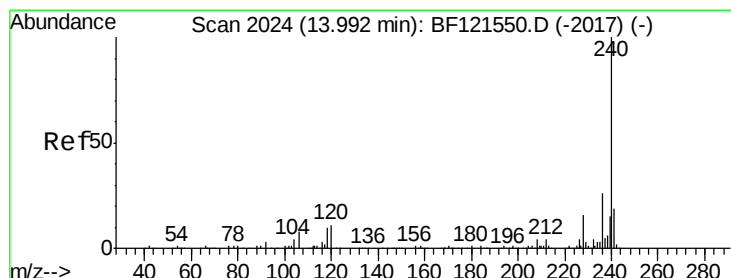
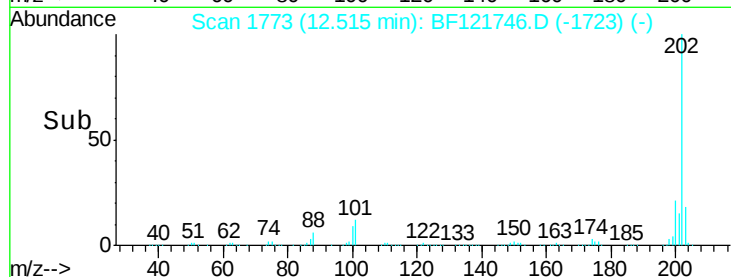
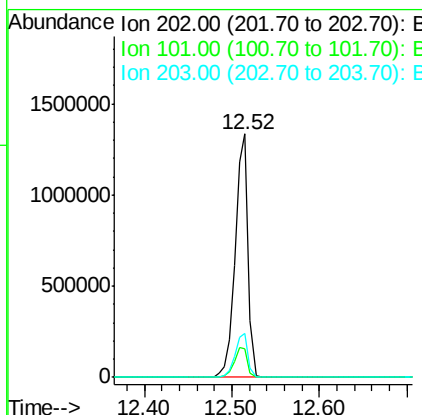
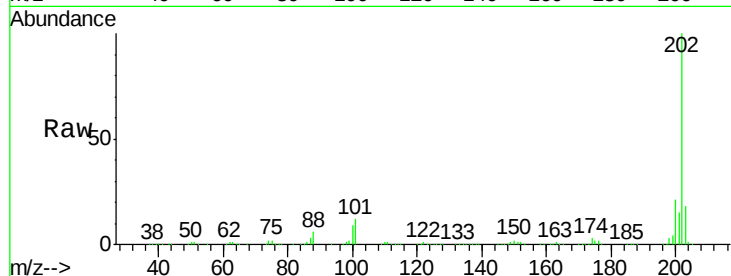




#75
 Fluoranthene
 Concen: 22.466 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

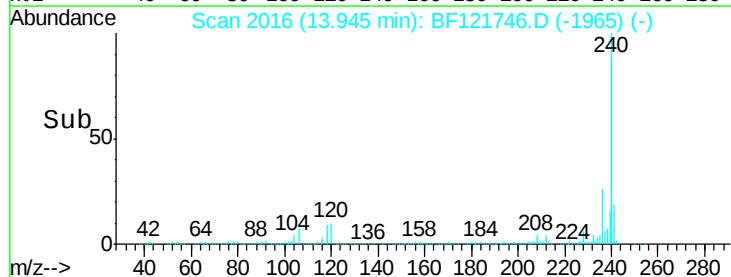
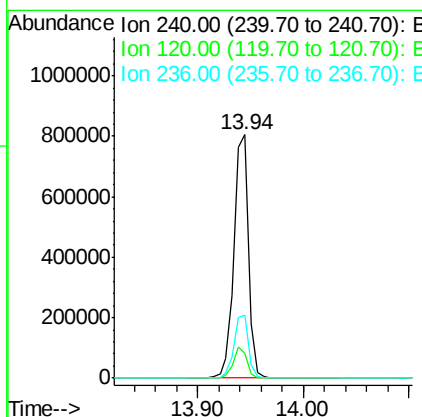
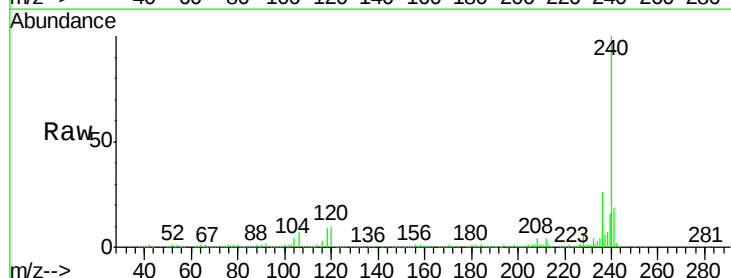
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

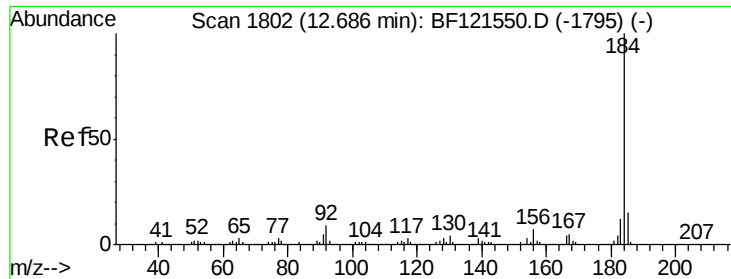
Tot Ion:202 Resp: 1331569
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.0
 203 17.8 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:240 Resp: 755366
 Ion Ratio Lower Upper
 240 100
 120 10.2 10.2 15.4#
 236 26.1 20.4 30.6





#77

Benzidine

Concen: 21.064 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

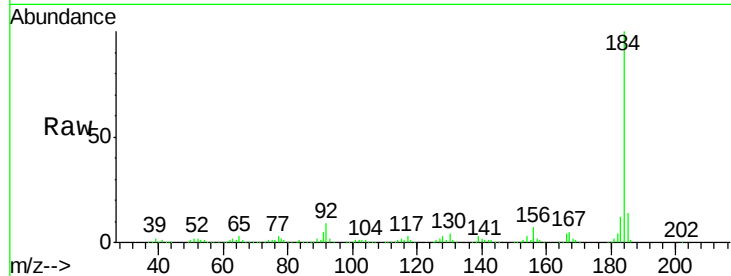
Tot Ion:184 Resp: 527483

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

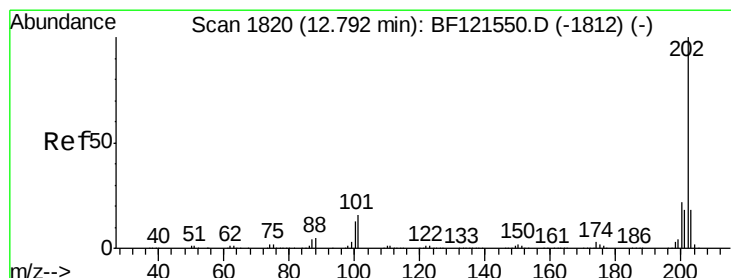
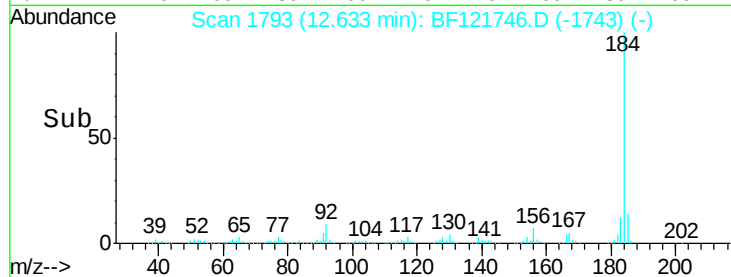
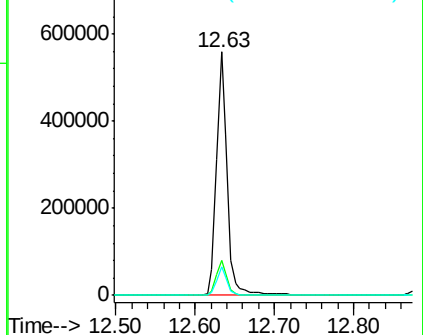
183 11.8 9.3 13.9



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

Pyrene

Concen: 24.439 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

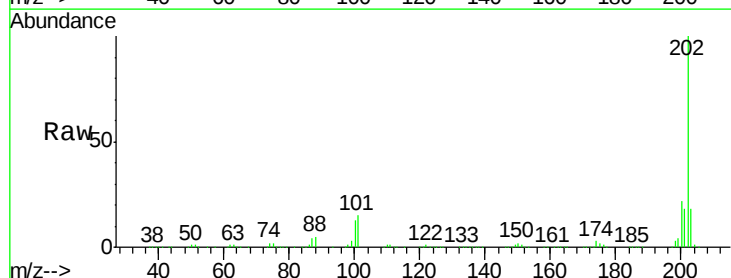
Tgt Ion:202 Resp: 1348784

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

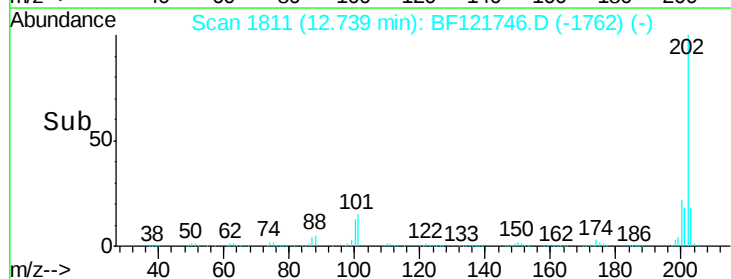
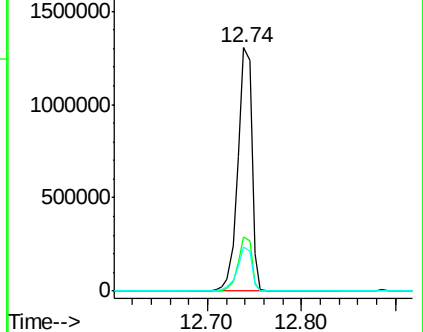
203 18.0 14.5 21.7



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: 46.048 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

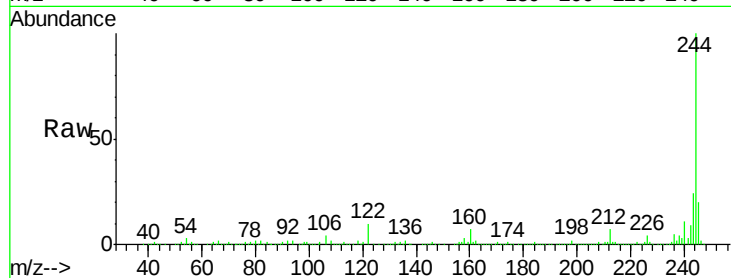
Tot Ion:244 Resp: 1716914

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

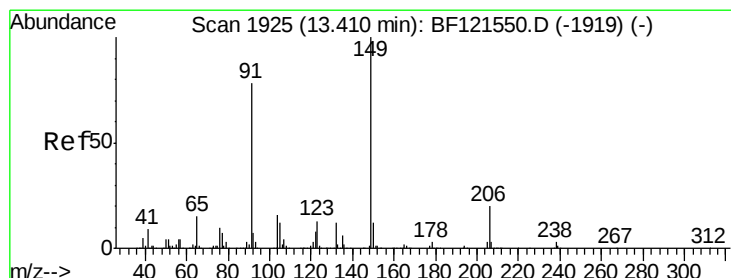
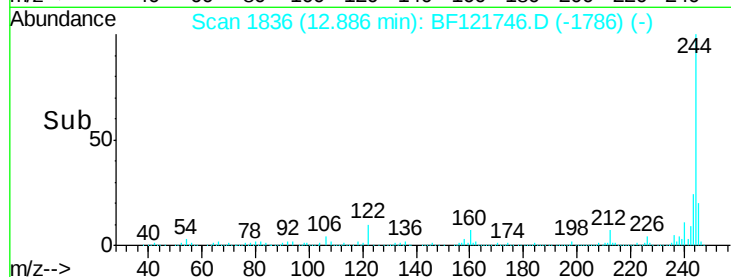
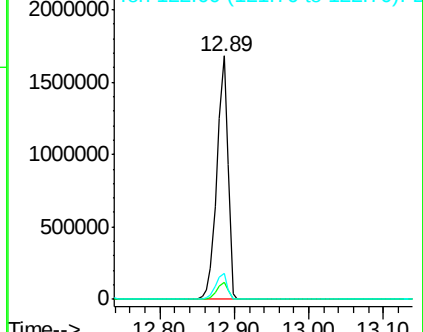
122 10.5 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 26.205 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

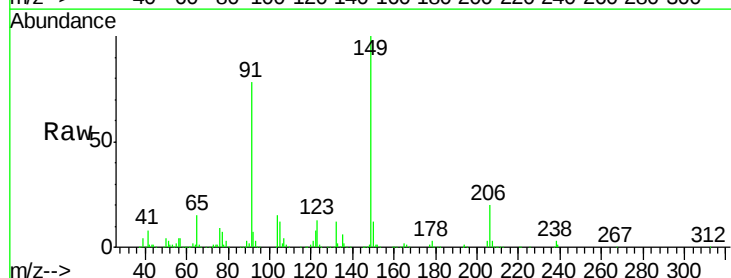
Tgt Ion:149 Resp: 584912

Ion Ratio Lower Upper

149 100

91 77.7 56.0 84.0

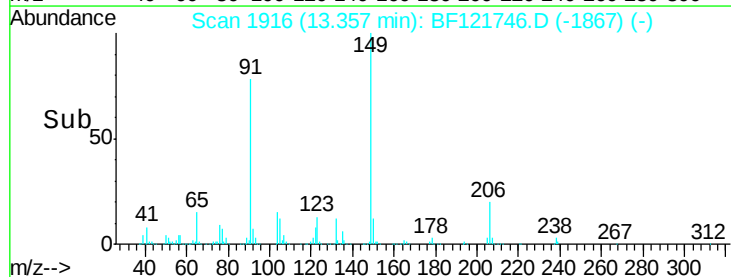
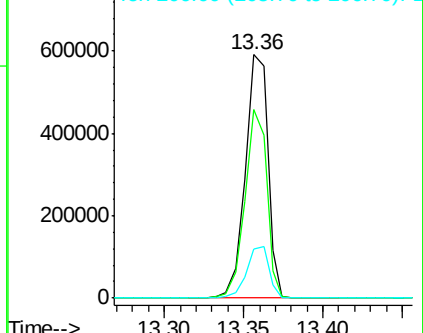
206 20.3 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.846 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

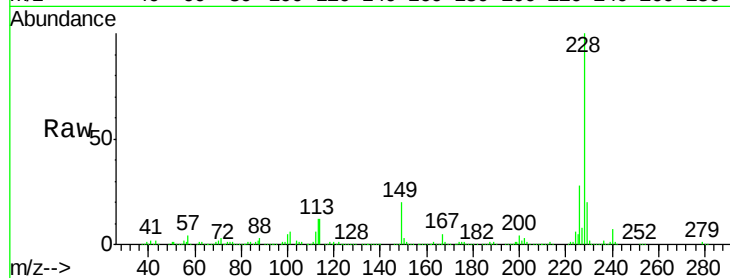
Tot Ion:228 Resp: 1091792

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.0	16.2	24.4

228 100

226 27.7 22.2 33.2

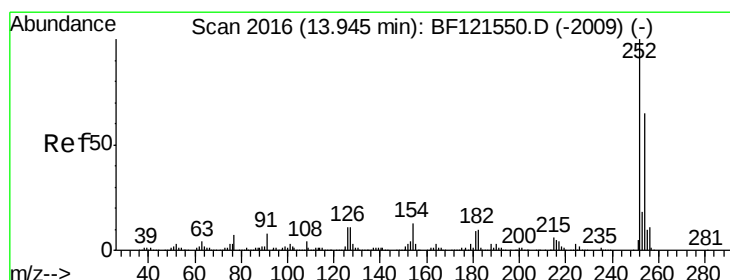
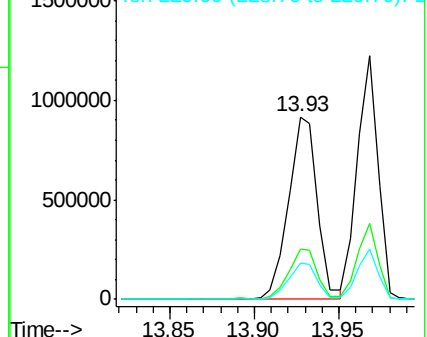
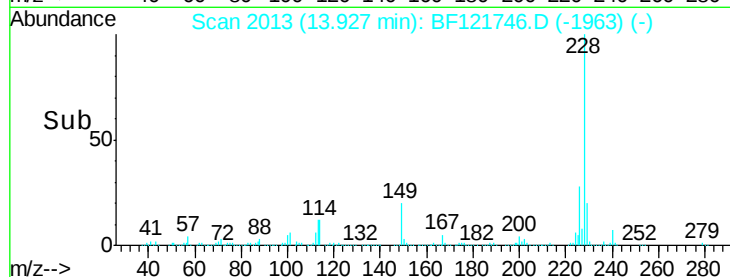
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.027 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

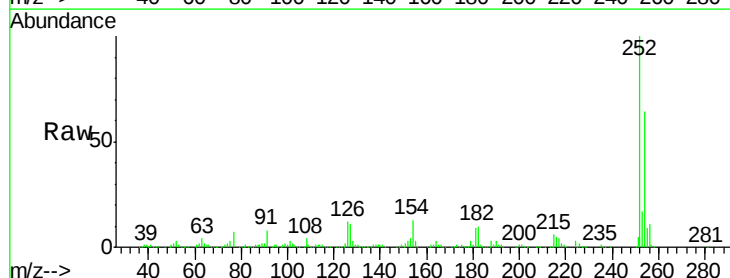
Tgt Ion:252 Resp: 317660

Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.7	76.1
126	11.5	10.2	15.2

252 100

254 63.7 50.7 76.1

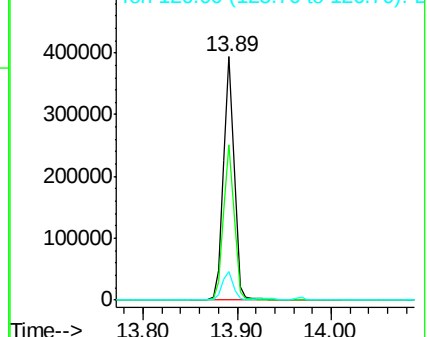
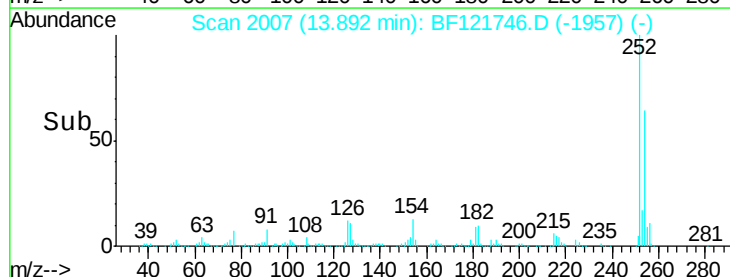
126 11.5 10.2 15.2



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

Chrvsene

Concen: 21.810 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

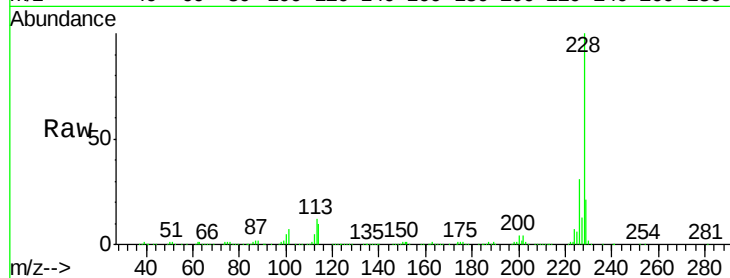
Tot Ion:228 Resp: 1055441

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

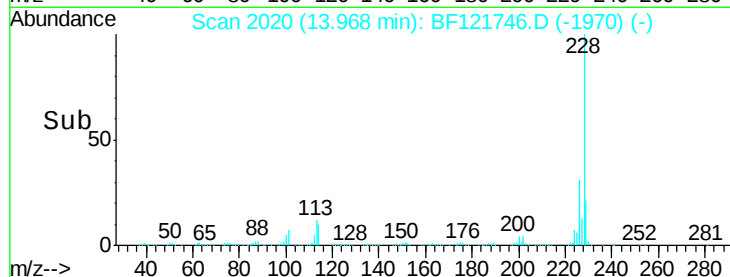
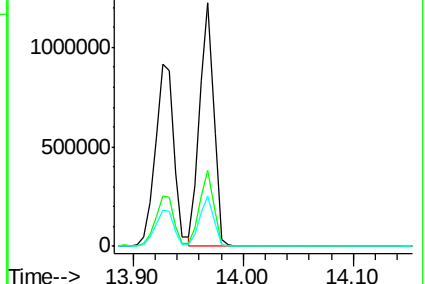
229 20.7 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.789 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

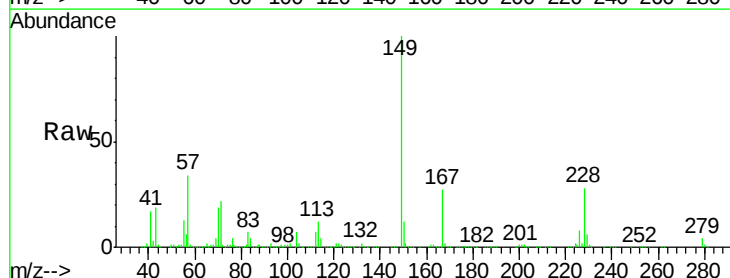
Tgt Ion:149 Resp: 768986

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

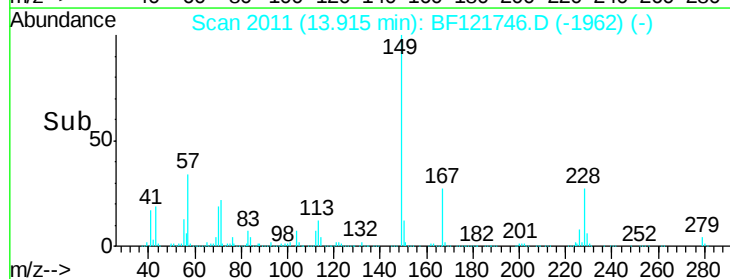
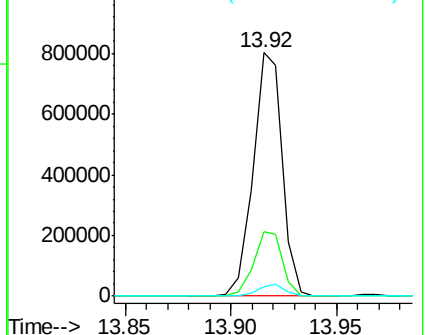
279 4.1 3.9 5.9

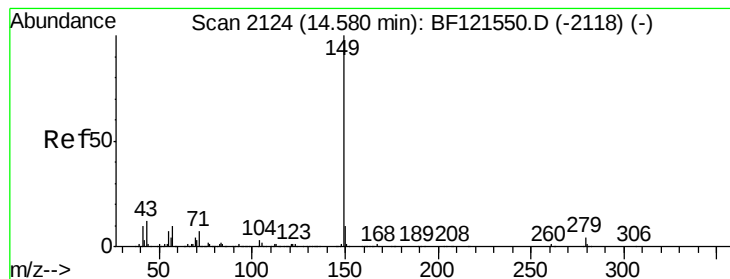


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 24.633 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

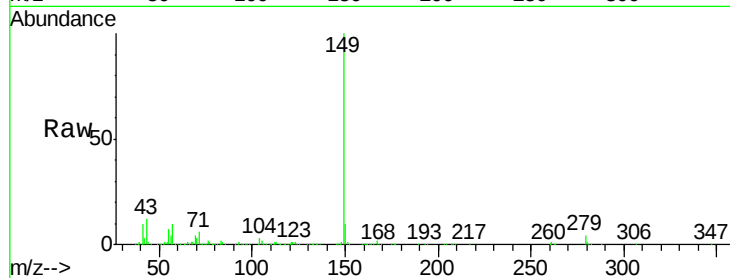
Tot Ion:149 Resp: 1296242

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

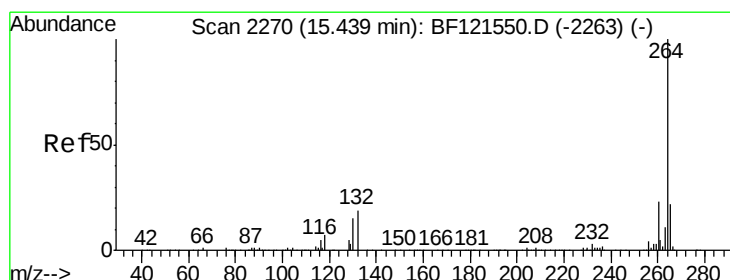
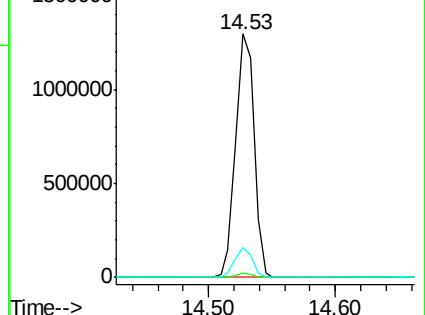
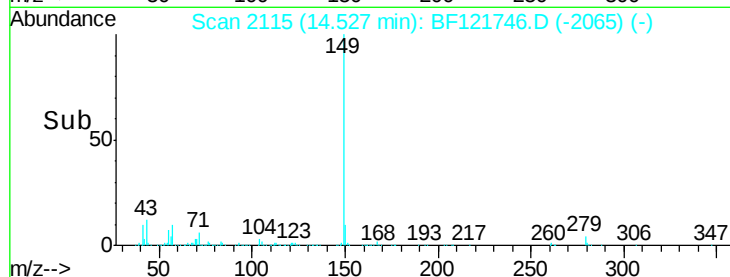
43 11.4 9.0 13.6



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

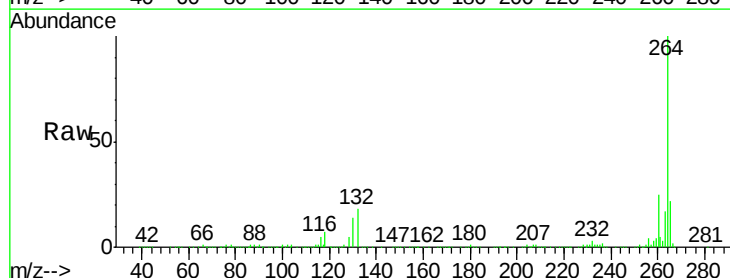
Tgt Ion:264 Resp: 660441

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

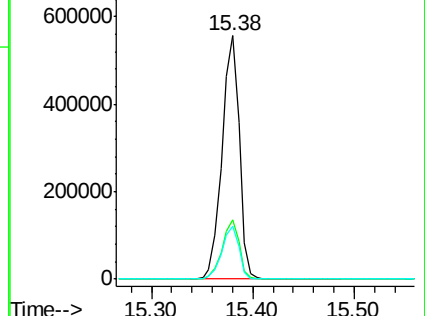
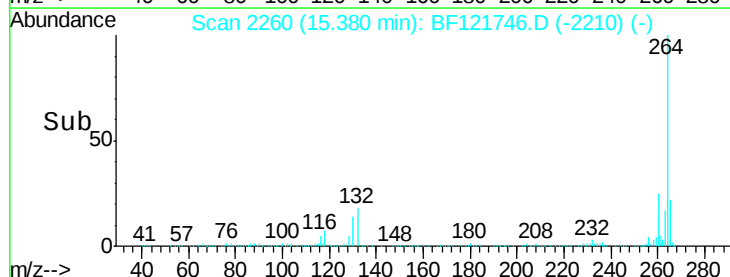
265 21.8 17.3 25.9

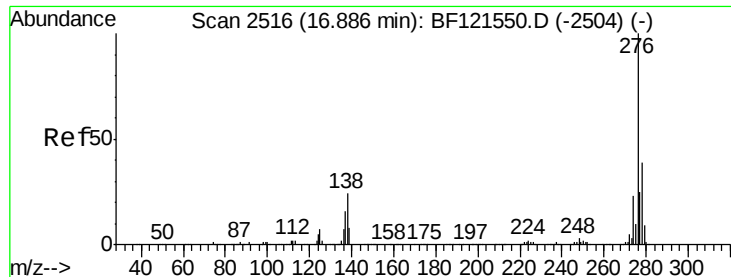


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

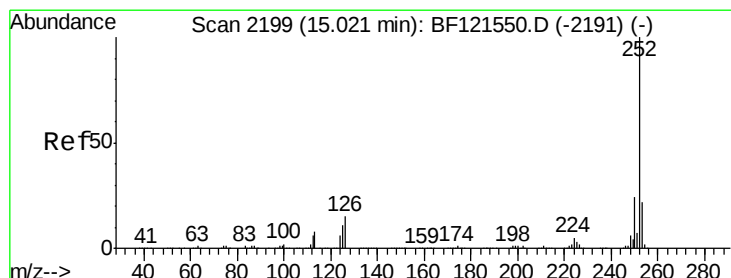
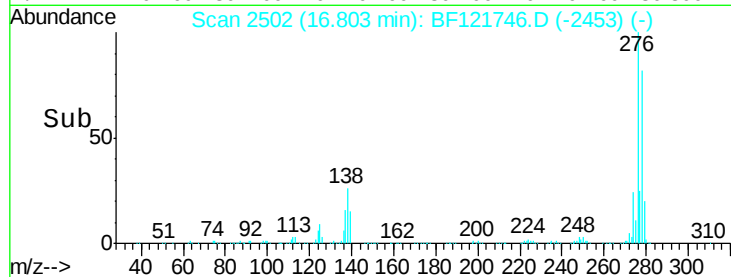
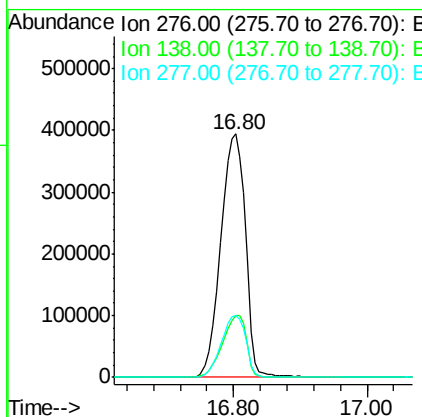
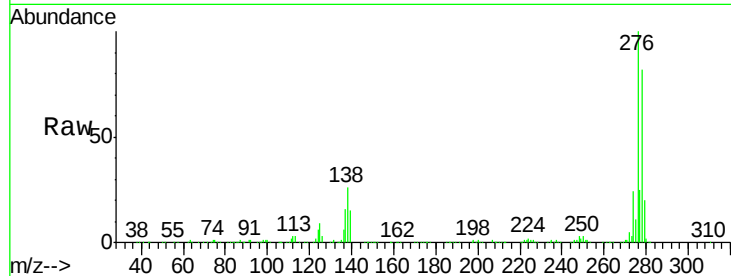




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 24.024 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

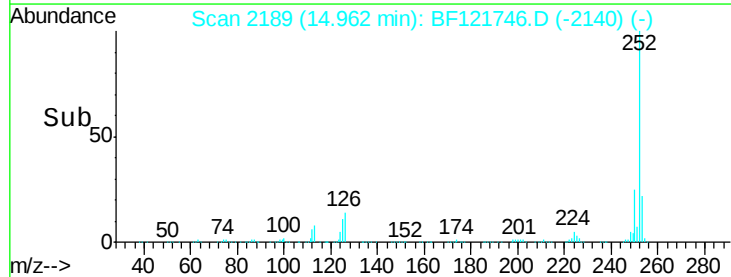
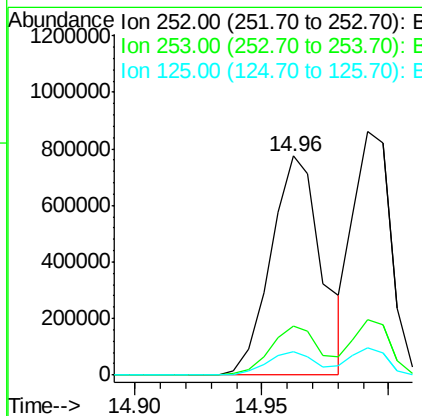
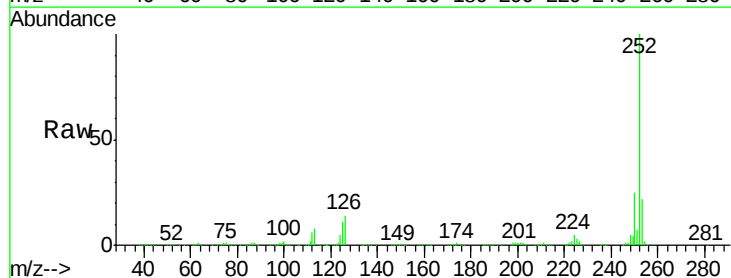
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion:276 Resp: 1033276
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.4 29.0
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 24.538 ng
 RT: 14.96 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BF121746.D
 Acq: 30 Sep 2020 19:03

Tgt Ion:252 Resp: 1083390
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 10.7 8.0 12.0

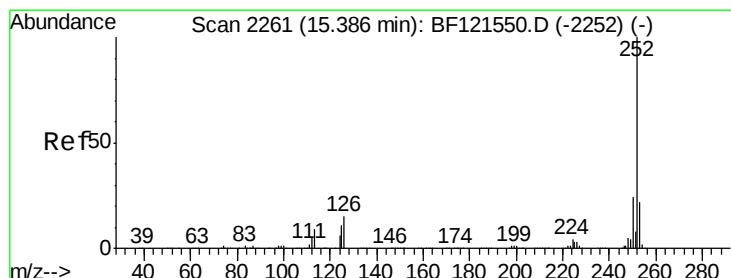
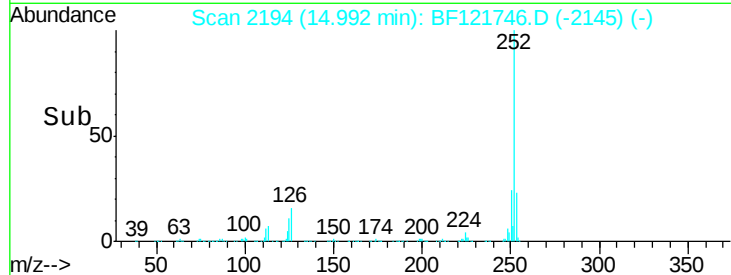
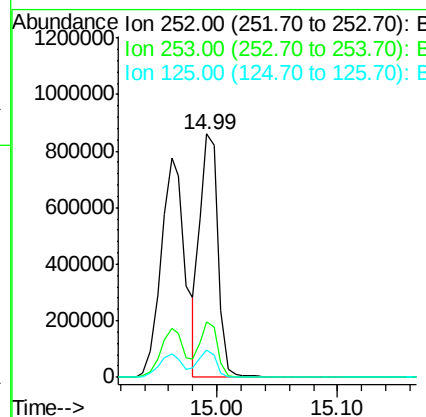
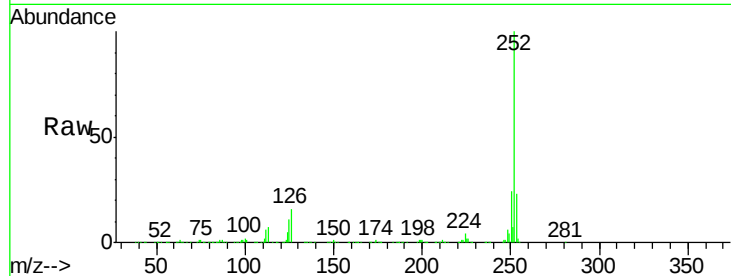




#89
Benzo(k)fluoranthene
Concen: 22.206 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

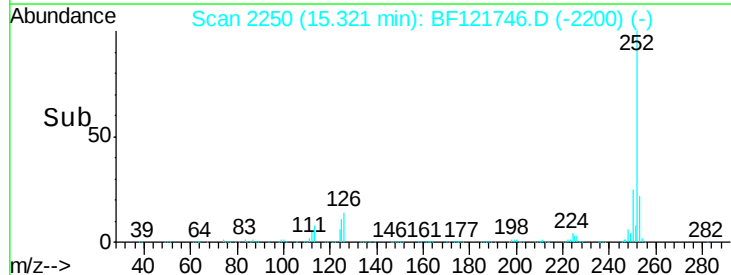
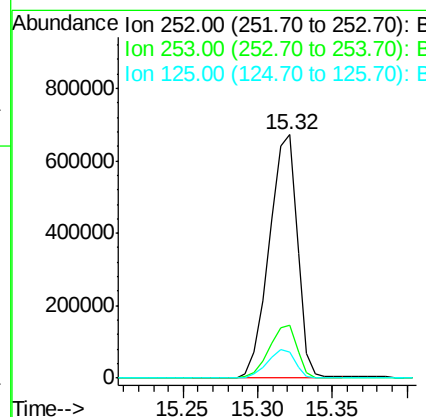
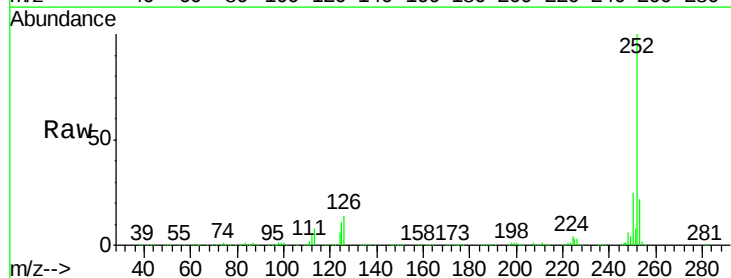
Instrument :
BNA_F
ClientSampleId :
PB132004BS

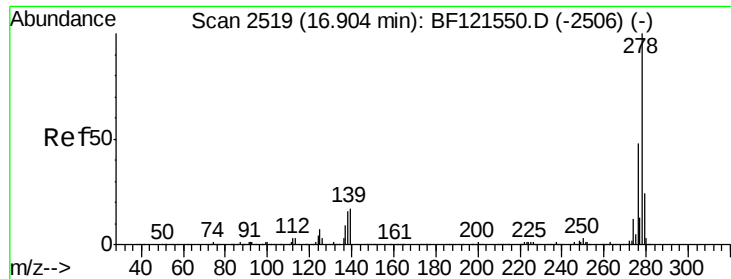
Tot Ion:252 Resp: 897808
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.2 7.8 11.6



#90
Benzo(a)pyrene
Concen: 23.416 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF121746.D
Acq: 30 Sep 2020 19:03

Tgt Ion:252 Resp: 878786
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 23.709 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

Instrument :

BNA_F

ClientSampleId :

PB132004BS

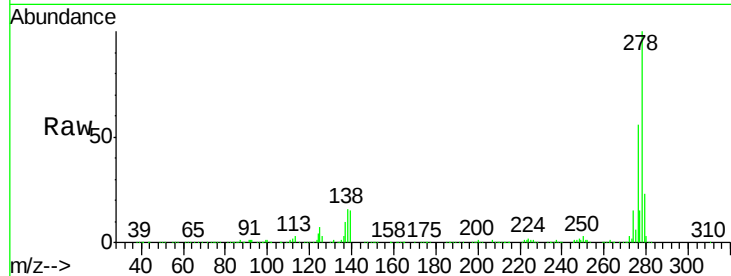
Tot Ion:278 Resp: 848856

Ion Ratio Lower Upper

278 100

139 15.2 12.5 18.7

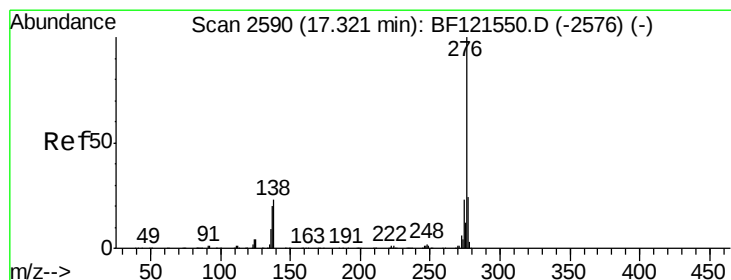
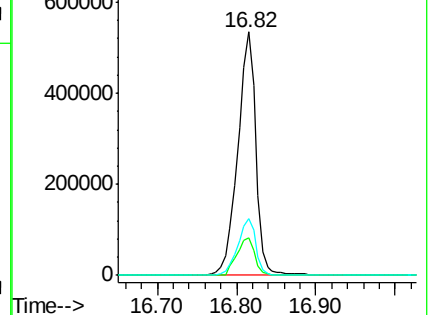
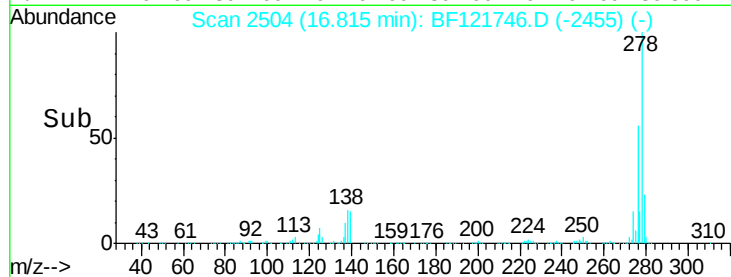
279 23.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 24.850 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BF121746.D

Acq: 30 Sep 2020 19:03

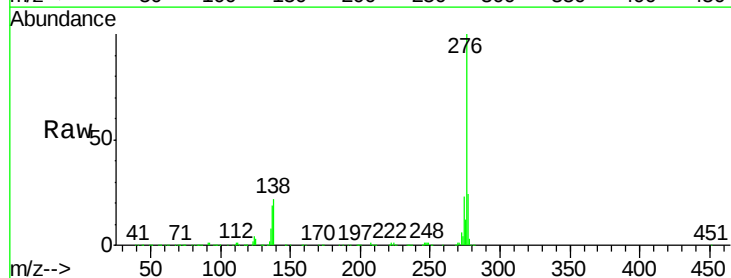
Tgt Ion:276 Resp: 874567

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.8 16.7 25.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

