

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133311.D
 Acq On : 09 May 2023 11:50
 Operator : CG\JU
 Sample : PB152628BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS

Quant Time: May 10 01:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	203288	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	803115	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	420488	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	752646	20.000	ng	0.00
76) Chrysene-d12	13.880	240	443796	20.000	ng	0.00
86) Perylene-d12	15.292	264	387302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1318846	98.002	ng	0.02
7) Phenol-d6	6.375	99	1624919	97.281	ng	0.00
23) Nitrobenzene-d5	7.292	82	995009	66.874	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	399281	94.419	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1713216	68.164	ng	0.00
79) Terphenyl-d14	12.827	244	1779986	69.173	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	249578	39.984	ng	98
3) Pyridine	3.169	79	608204	36.686	ng	97
4) n-Nitrosodimethylamine	3.128	42	333965	38.891	ng	98
6) Aniline	6.387	93	728055	33.842	ng	# 34
8) 2-Chlorophenol	6.510	128	587328	42.985	ng	97
9) Benzaldehyde	6.269	77	336576	45.988	ng	98
10) Phenol	6.387	94	723493	39.263	ng	# 72
11) bis(2-Chloroethyl)ether	6.463	93	562584	40.685	ng	99
12) 1,3-Dichlorobenzene	6.663	146	630728	43.418	ng	99
13) 1,4-Dichlorobenzene	6.739	146	640533	43.995	ng	98
14) 1,2-Dichlorobenzene	6.892	146	592003	44.105	ng	98
15) Benzyl Alcohol	6.869	79	464670	40.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	912207	37.982	ng	94
17) 2-Methylphenol	6.992	107	486580	38.891	ng	97
18) Hexachloroethane	7.234	117	227225	44.891	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	394058	37.895	ng	94
20) 3+4-Methylphenols	7.145	107	585134	39.712	ng	# 69
22) Acetophenone	7.134	105	806026	43.326	ng	# 95
24) Nitrobenzene	7.310	77	615759	40.841	ng	99
25) Isophorone	7.551	82	1153799	40.843	ng	100
26) 2-Nitrophenol	7.628	139	330007	45.379	ng	91
27) 2,4-Dimethylphenol	7.669	122	543676	43.600	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	691897	41.401	ng	98
29) 2,4-Dichlorophenol	7.869	162	500615	44.100	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	518438	44.084	ng	99
31) Naphthalene	8.034	128	1684804	41.959	ng	100
32) Benzoic acid	7.804	122	349537	45.380	ng	99
33) 4-Chloroaniline	8.081	127	426831	26.309	ng	99
34) Hexachlorobutadiene	8.151	225	279964	42.952	ng	97
35) Caprolactam	8.457	113	117072	30.700	ng	94
36) 4-Chloro-3-methylphenol	8.569	107	530231	43.315	ng	99
37) 2-Methylnaphthalene	8.722	142	1107920	40.359	ng	99
38) 1-Methylnaphthalene	8.822	142	1045688	40.719	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	462328	40.893	ng	99
41) Hexachlorocyclopentadiene	8.875	237	562535	85.316	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	321494	41.119	ng	100

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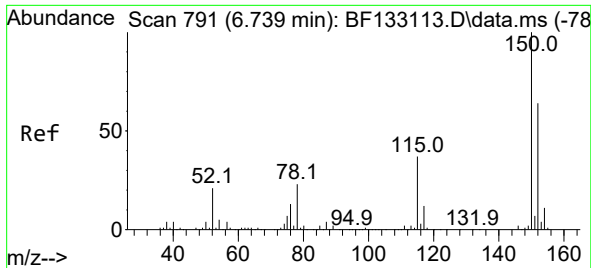
Quant Time: May 10 01:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	352841	39.020	ng	99
46) 1,1'-Biphenyl	9.186	154	1374226	41.215	ng	99
47) 2-Chloronaphthalene	9.210	162	1037542	42.514	ng	99
48) 2-Nitroaniline	9.304	65	331214	41.065	ng	95
49) Acenaphthylene	9.622	152	1588856	40.745	ng	100
50) Dimethylphthalate	9.492	163	1208091	41.204	ng	99
51) 2,6-Dinitrotoluene	9.551	165	277930	42.116	ng	89
52) Acenaphthene	9.798	154	985036	37.716	ng	99
53) 3-Nitroaniline	9.716	138	246876	31.463	ng	98
54) 2,4-Dinitrophenol	9.828	184	295659	89.133	ng	99
55) Dibenzofuran	9.969	168	1425184	40.004	ng	99
56) 4-Nitrophenol	9.892	139	464010	76.352	ng	93
57) 2,4-Dinitrotoluene	9.957	165	361448	42.949	ng	# 92
58) Fluorene	10.310	166	1055587	40.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	288596	41.167	ng	99
60) Diethylphthalate	10.186	149	1136985	41.055	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	501224	39.406	ng	98
62) 4-Nitroaniline	10.333	138	316556	43.895	ng	98
63) Azobenzene	10.463	77	1146760	39.088	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	203532	44.615	ng	84
66) n-Nitrosodiphenylamine	10.422	169	971204	39.781	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	324004	39.692	ng	96
68) Hexachlorobenzene	10.857	284	346129	41.381	ng	94
69) Atrazine	10.951	200	337330	47.952	ng	99
70) Pentachlorophenol	11.057	266	407677	68.436	ng	97
71) Phenanthrene	11.269	178	1612315	39.857	ng	99
72) Anthracene	11.322	178	1653385	39.938	ng	99
73) Carbazole	11.474	167	1501368	40.729	ng	99
74) Di-n-butylphthalate	11.810	149	1772907	42.500	ng	99
75) Fluoranthene	12.451	202	1588715	39.132	ng	99
77) Benzidine	12.574	184	1005718	134.010	ng	# 94
78) Pyrene	12.680	202	1638510	43.069	ng	99
80) Butylbenzylphthalate	13.304	149	691378	51.326	ng	98
81) Benzo(a)anthracene	13.868	228	1195913	39.187	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	286120	33.938	ng	100
83) Chrysene	13.904	228	1181959	38.739	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	740946	43.823	ng	99
85) Di-n-octyl phthalate	14.474	149	1227783	44.535	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1066448	48.408	ng	97
88) Benzo(b)fluoranthene	14.892	252	1043910	42.367	ng	99
89) Benzo(k)fluoranthene	14.921	252	999312	40.913	ng	100
90) Benzo(a)pyrene	15.239	252	884844	39.454	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	884815	48.154	ng	97
92) Benzo(g,h,i)perylene	17.092	276	881417	48.589	ng	97

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

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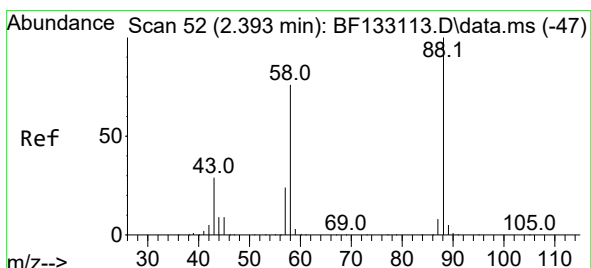
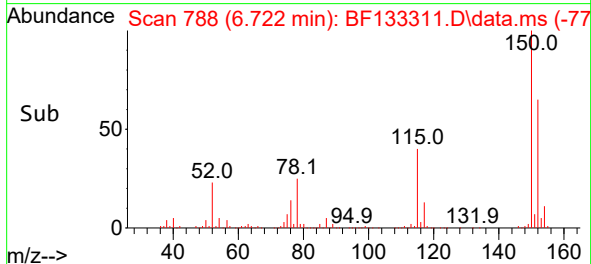
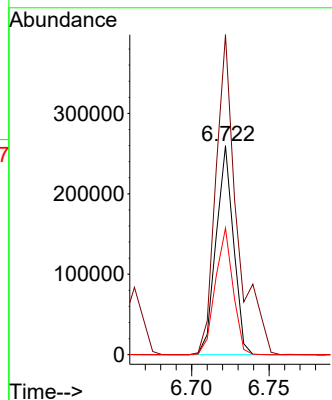
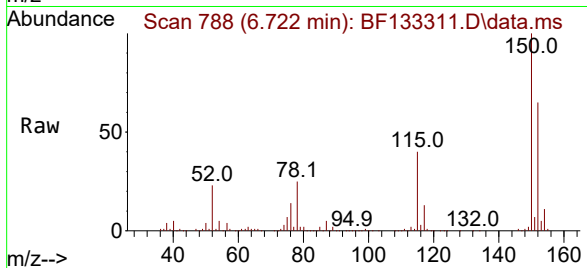




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

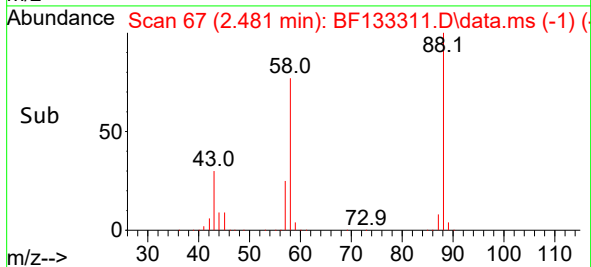
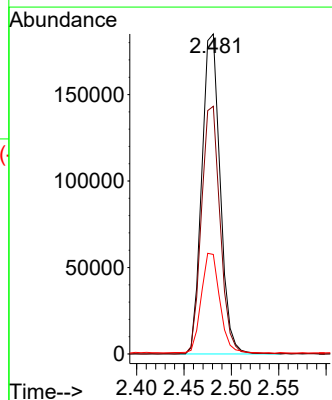
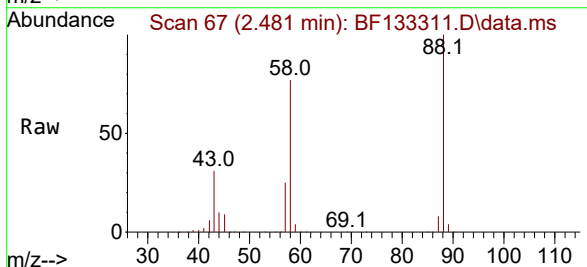
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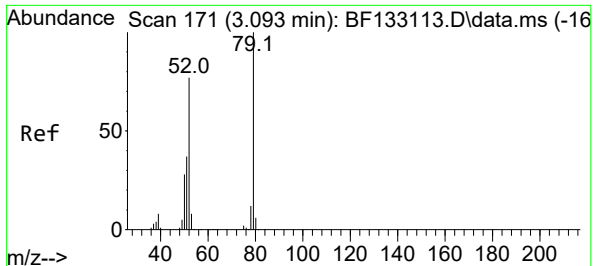
Tgt Ion:152 Resp: 203288
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.8 187.2
 115 60.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 39.984 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.112 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Tgt Ion: 88 Resp: 249578
 Ion Ratio Lower Upper
 88 100
 58 78.9 64.7 97.1
 43 31.8 26.2 39.2

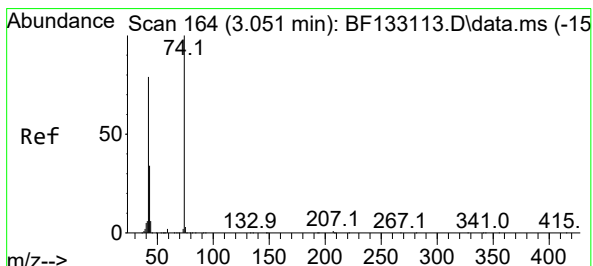
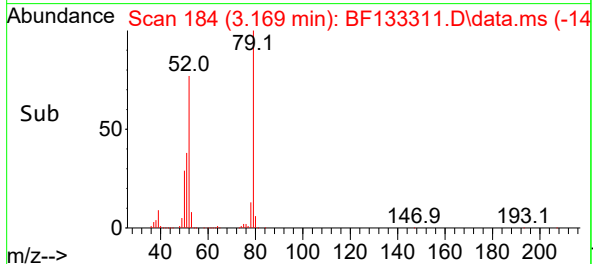
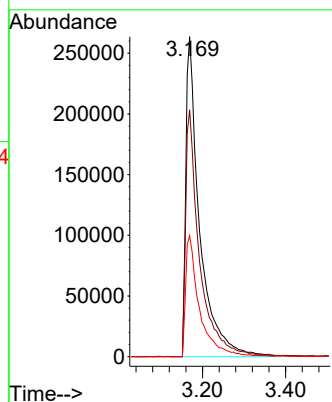
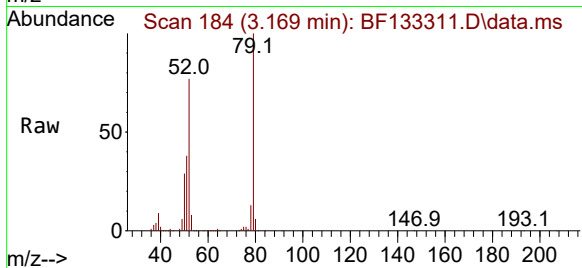




#3
 Pyridine
 Concen: 36.686 ng
 RT: 3.169 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

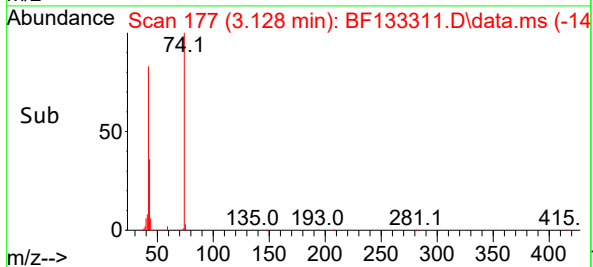
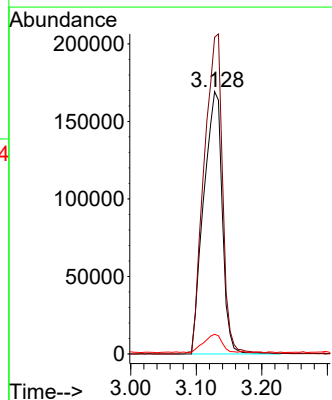
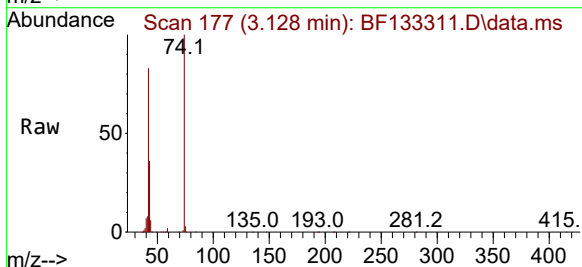
Instrument :
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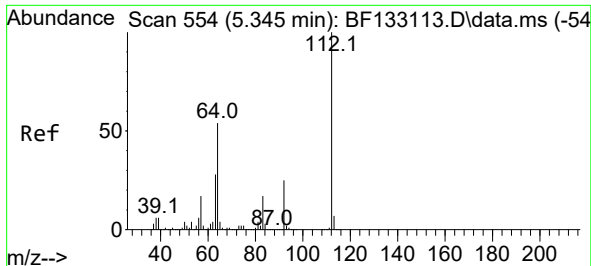
Tgt Ion: 79 Resp: 608204
 Ion Ratio Lower Upper
 79 100
 52 77.2 64.6 96.8
 51 37.8 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 38.891 ng
 RT: 3.128 min Scan# 177
 Delta R.T. 0.094 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Tgt Ion: 42 Resp: 333965
 Ion Ratio Lower Upper
 42 100
 74 120.7 98.0 147.0
 44 7.5 5.8 8.8

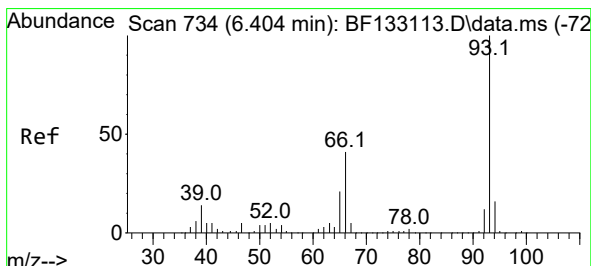
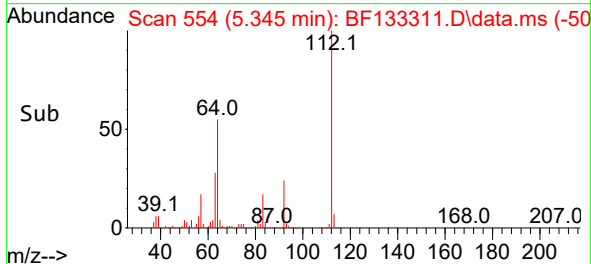
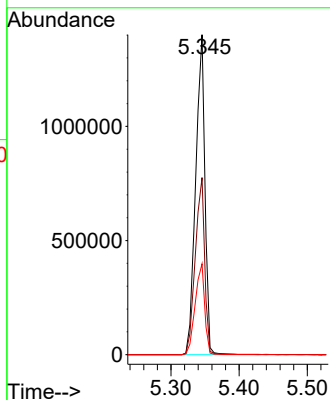
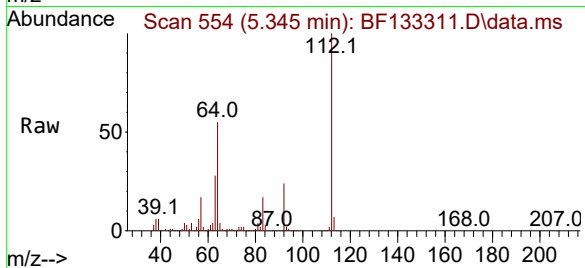




#5
2-Fluorophenol
Concen: 98.002 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

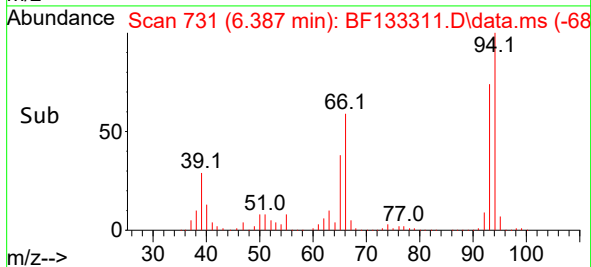
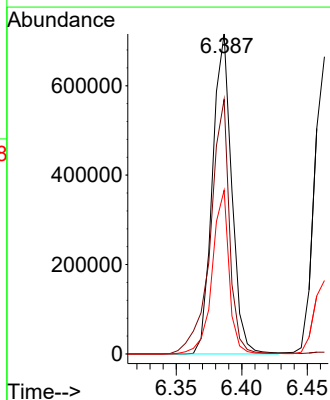
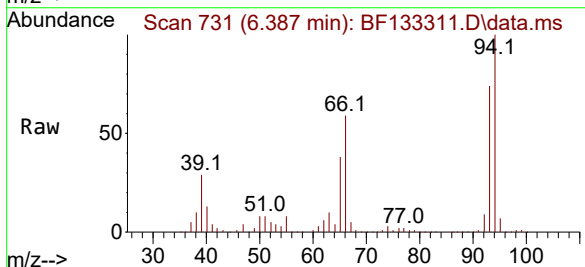
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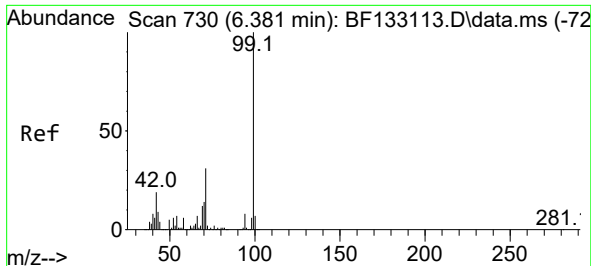
Tgt Ion:112 Resp: 1318846
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 28.4 23.8 35.8



#6
Aniline
Concen: 33.842 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 93 Resp: 728055
Ion Ratio Lower Upper
93 100
66 79.6 31.5 47.3#
65 51.2 16.4 24.6#





#7

Phenol-d6

Concen: 97.281 ng

RT: 6.375 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

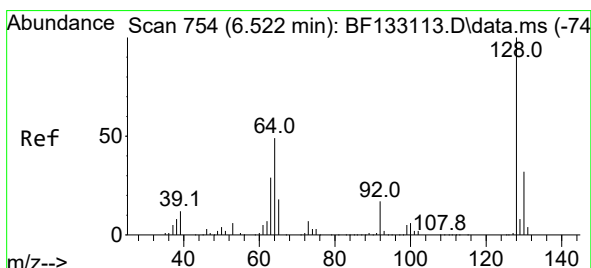
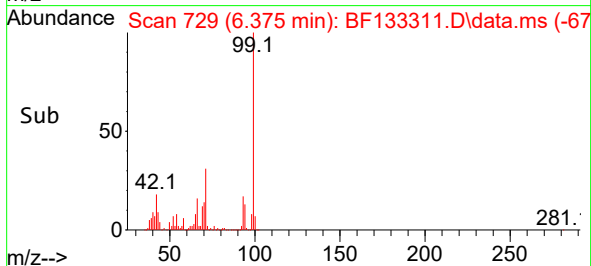
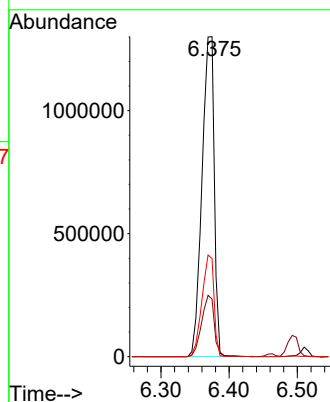
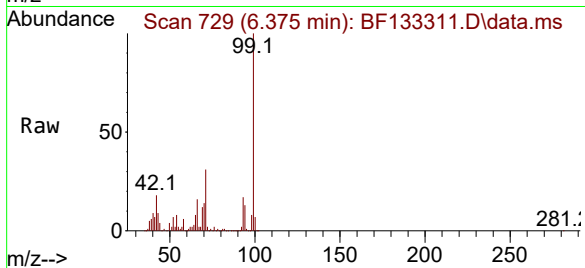
Tgt Ion: 99 Resp: 1624919

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

71 30.7 25.6 38.4



#8

2-Chlorophenol

Concen: 42.985 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

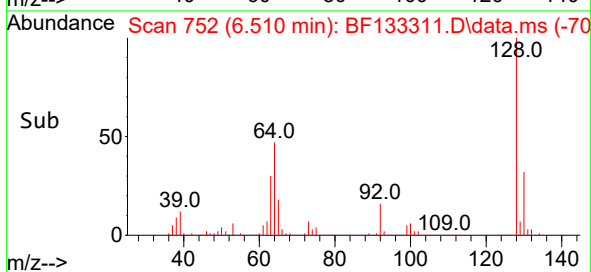
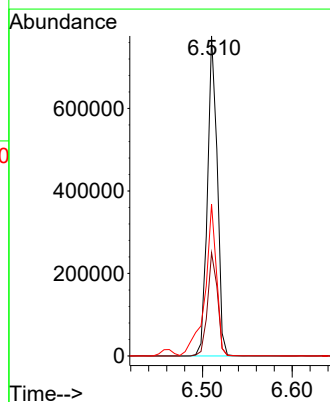
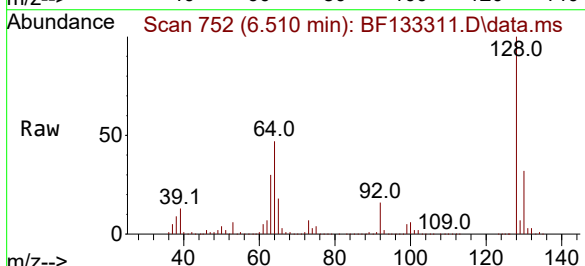
Tgt Ion:128 Resp: 587328

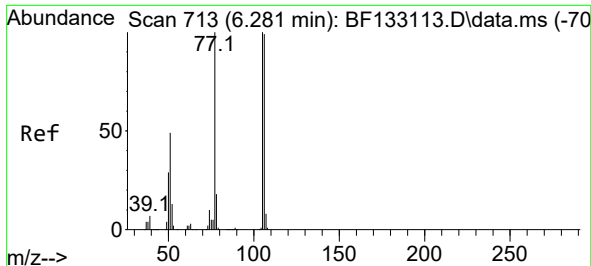
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

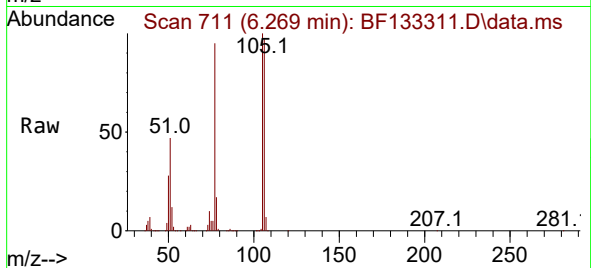
64 47.4 30.3 70.3



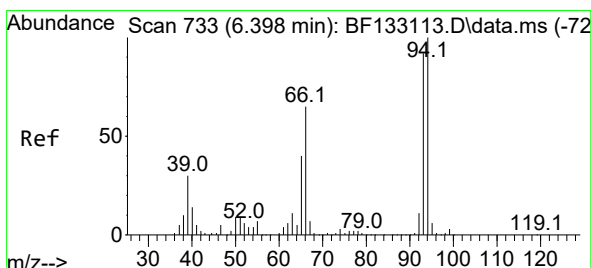
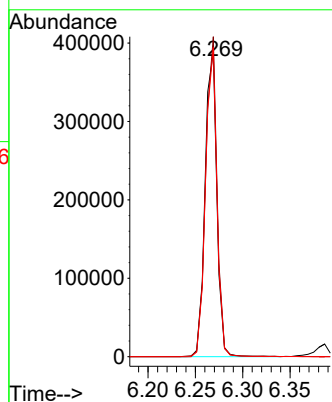
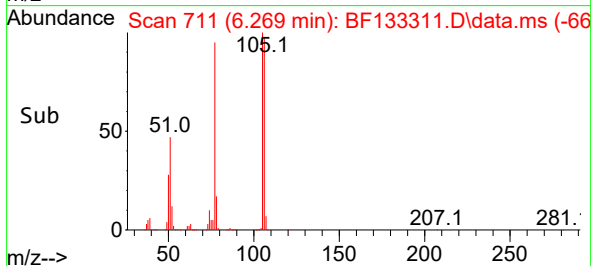


#9
Benzaldehyde
Concen: 45.988 ng
RT: 6.269 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

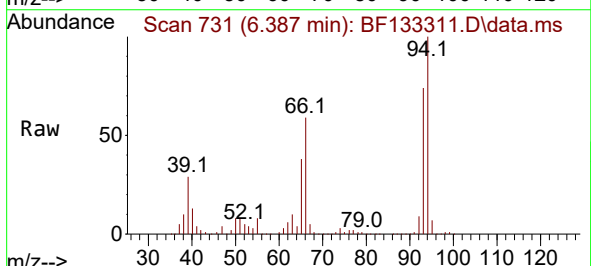
Instrument :
BNA_F
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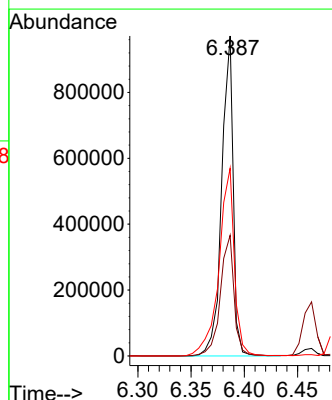
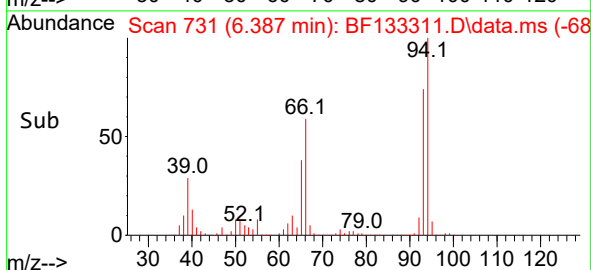
Tgt Ion: 77 Resp: 336576
Ion Ratio Lower Upper
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105 105.2 82.3 122.3
106 101.7 80.8 120.8

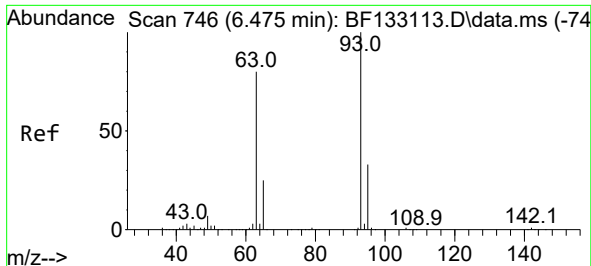


#10
Phenol
Concen: 39.263 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion: 94 Resp: 723493
Ion Ratio Lower Upper
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65 37.7 8.6 48.6
66 58.6 17.3 57.3#

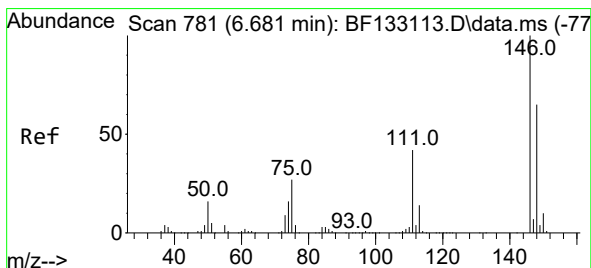
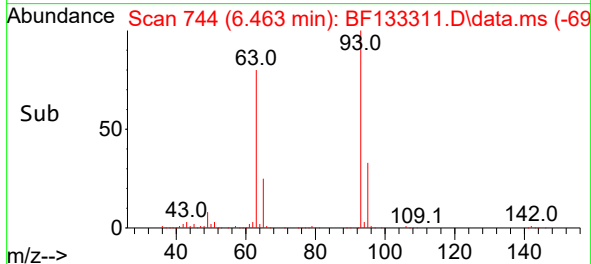
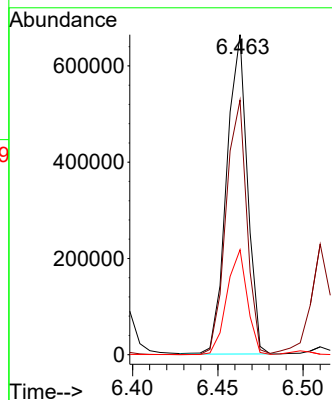
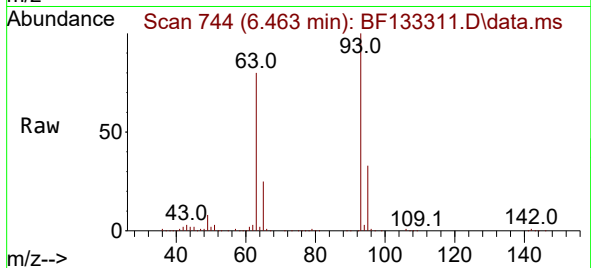




#11
bis(2-Chloroethyl)ether
Concen: 40.685 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

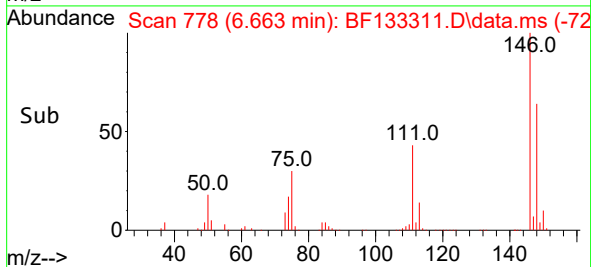
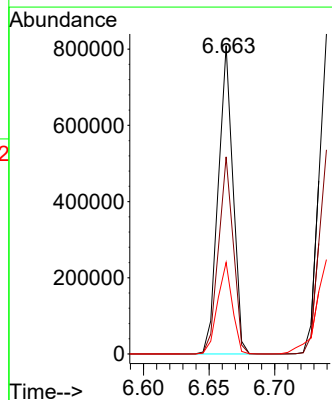
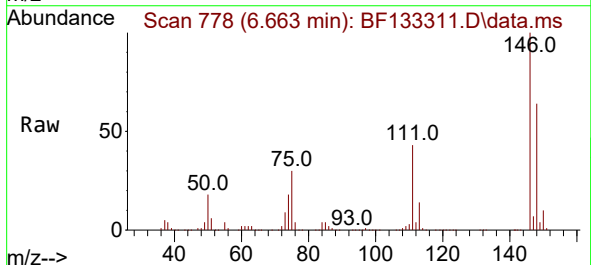
Instrument :
BNA_F
ClientSampleId :
PB152628BS

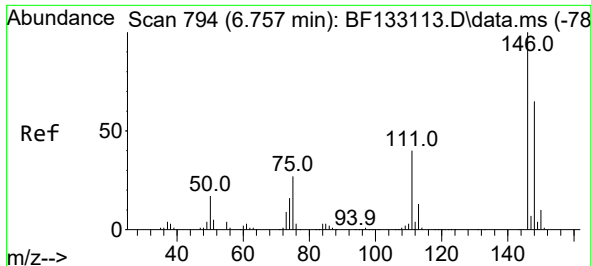
Tgt Ion: 93 Resp: 562584
Ion Ratio Lower Upper
93 100
63 79.6 60.6 100.6
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.418 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:146 Resp: 630728
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 29.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 43.995 ng

RT: 6.739 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

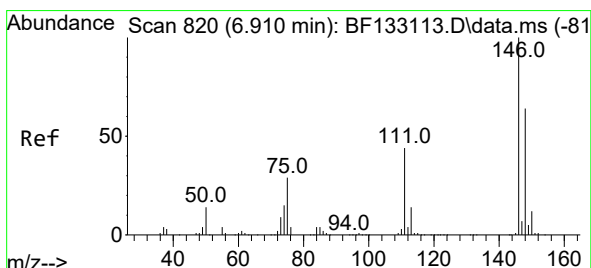
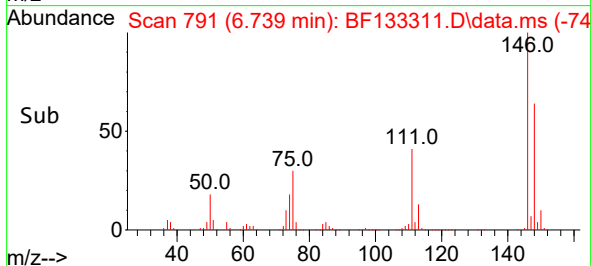
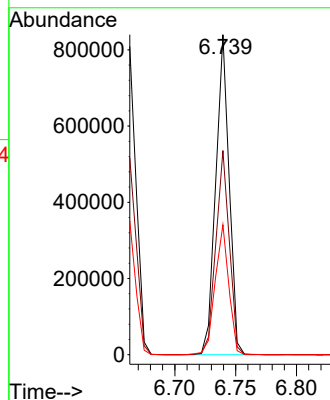
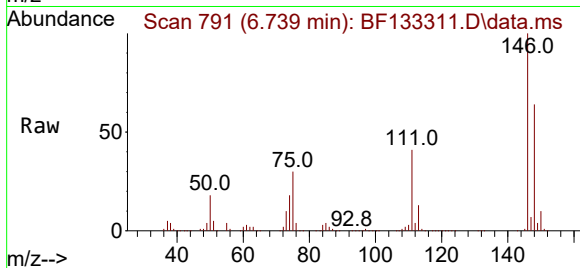
Tgt Ion:146 Resp: 640533

Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

111 40.6 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 44.105 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

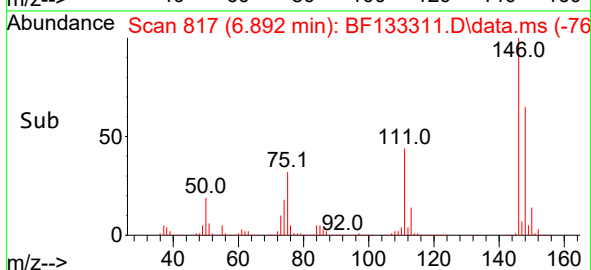
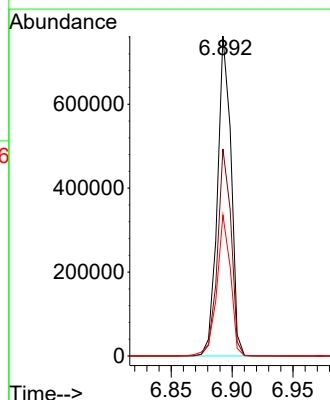
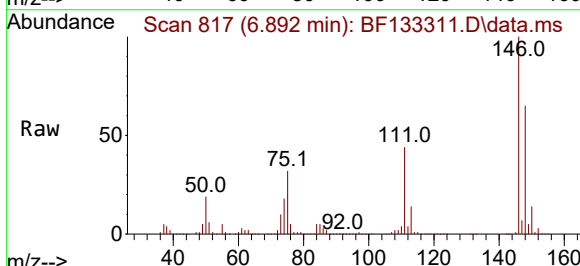
Tgt Ion:146 Resp: 592003

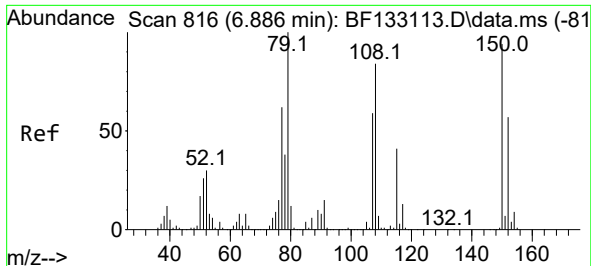
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

111 44.1 32.8 49.2

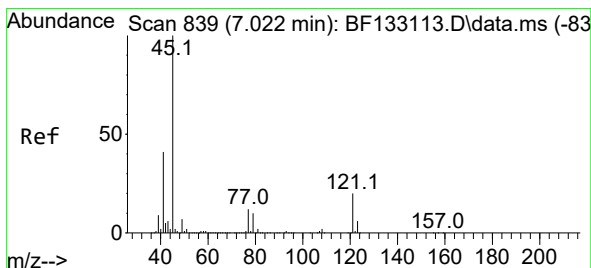
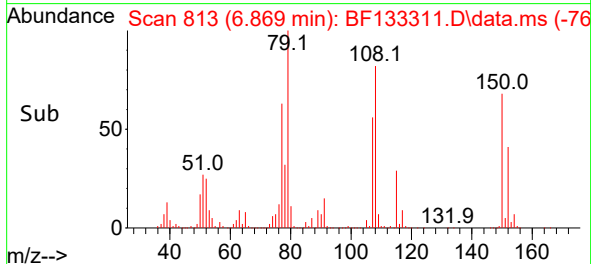
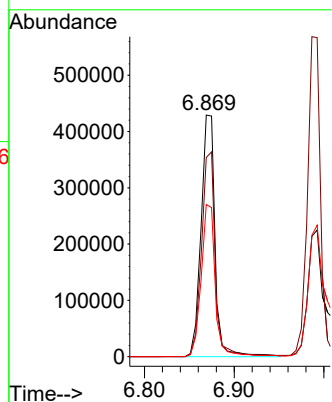
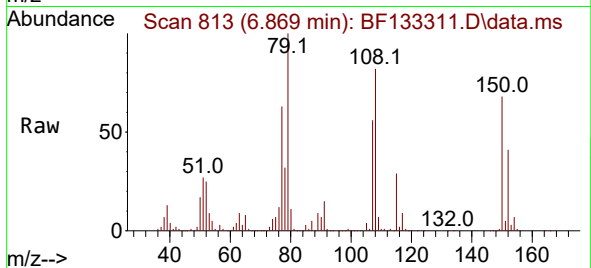




#15
Benzyl Alcohol
Concen: 40.273 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

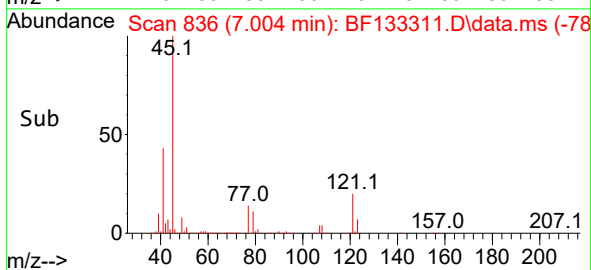
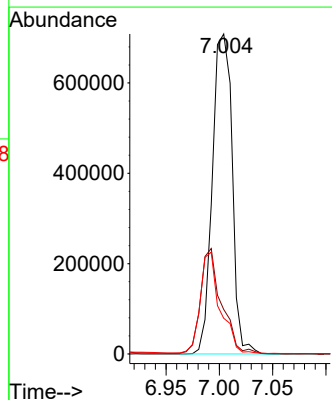
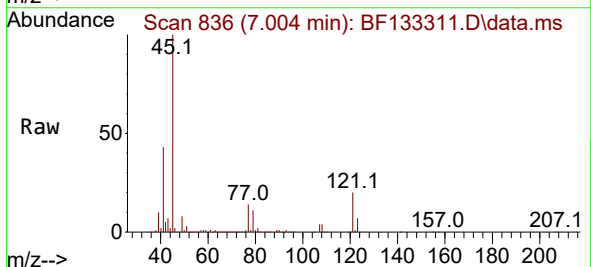
Instrument :
BNA_F
ClientSampleId :
PB152628BS

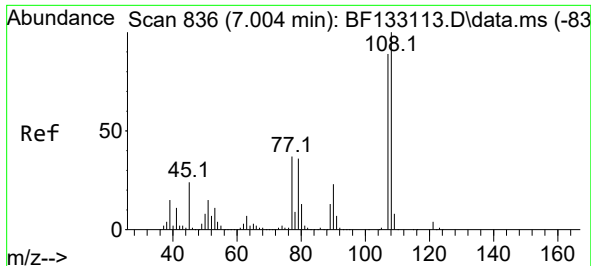
Tgt Ion: 79 Resp: 464670
Ion Ratio Lower Upper
79 100
108 82.4 66.6 99.8
77 63.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.982 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 45 Resp: 912207
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.5
79 11.1 0.0 28.7

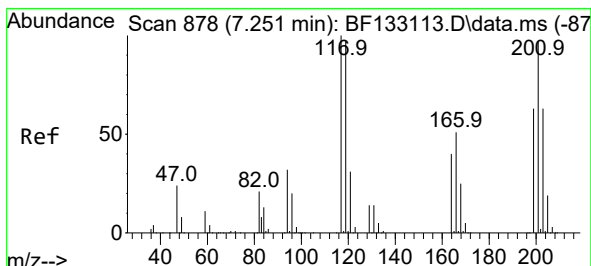
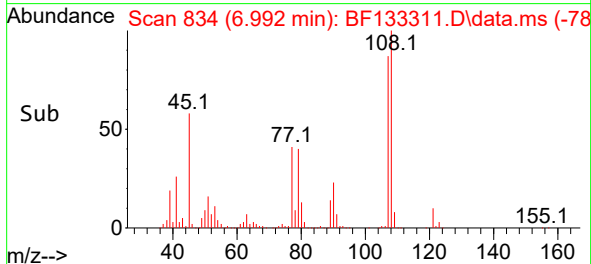
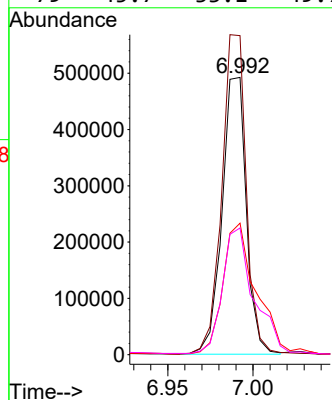
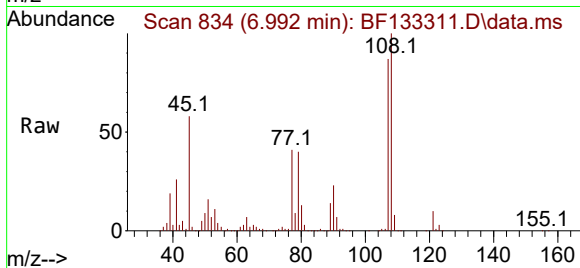




#17
2-Methylphenol
Concen: 38.891 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

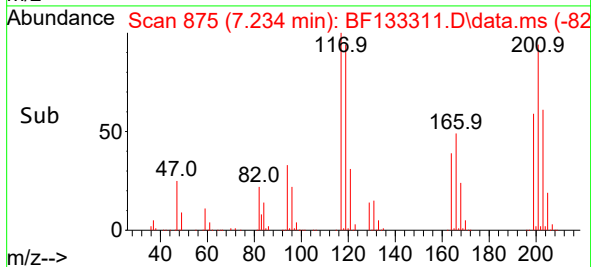
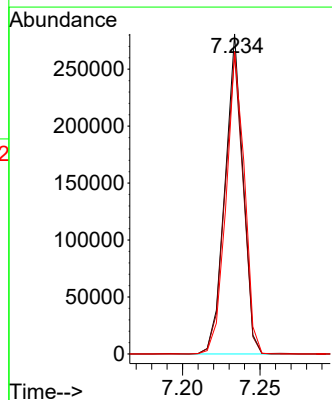
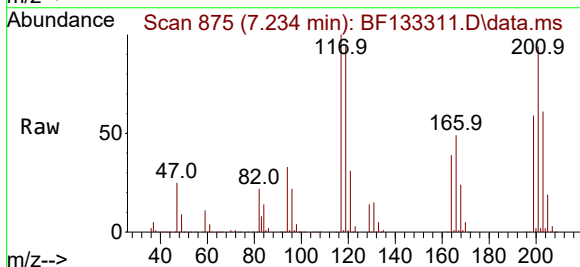
Instrument :
BNA_F
ClientSampleId :
PB152628BS

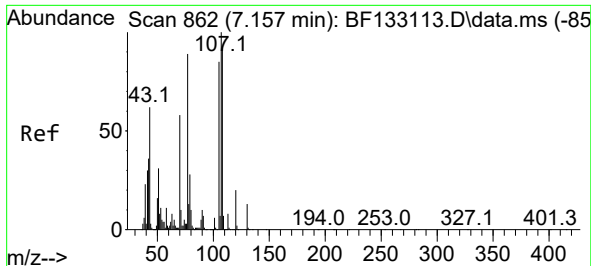
Tgt Ion:107 Resp: 486580
Ion Ratio Lower Upper
107 100
108 115.1 92.4 138.6
77 47.4 33.8 50.8
79 45.7 33.1 49.7



#18
Hexachloroethane
Concen: 44.891 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:117 Resp: 227225
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.4
201 94.5 81.7 122.5

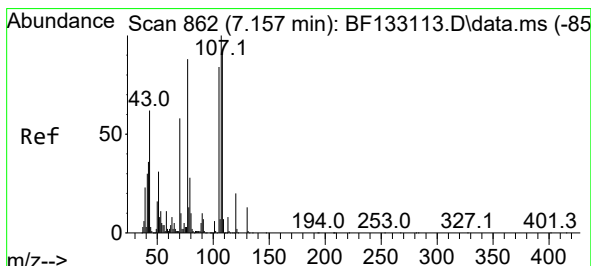
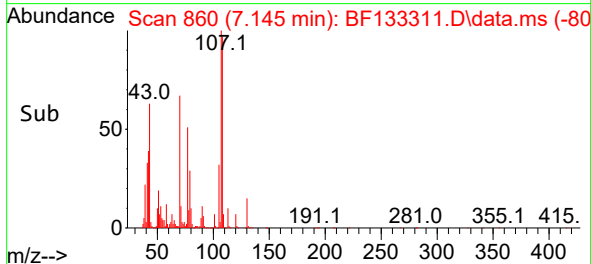
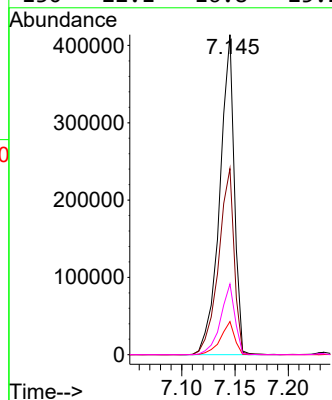
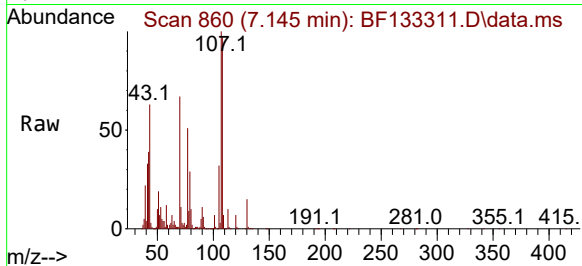




#19
n-Nitroso-di-n-propylamine
Concen: 37.895 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

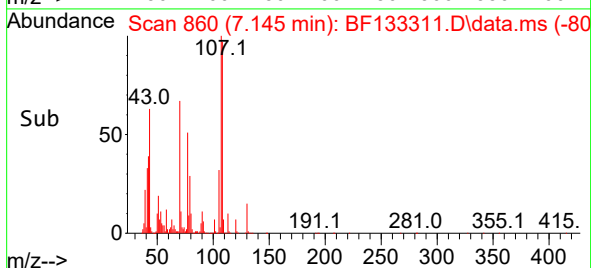
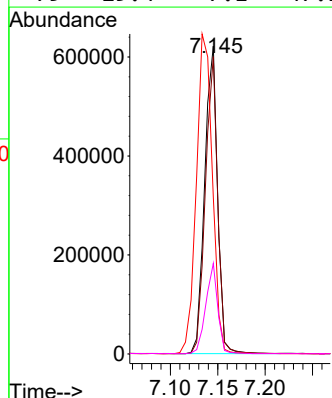
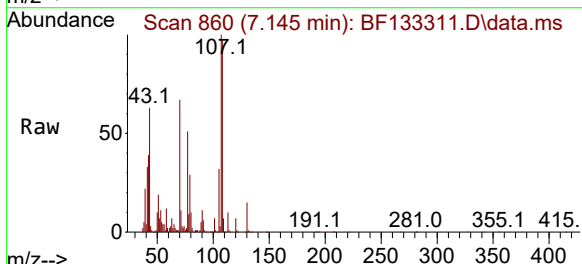
Instrument :
BNA_F
ClientSampleId :
PB152628BS

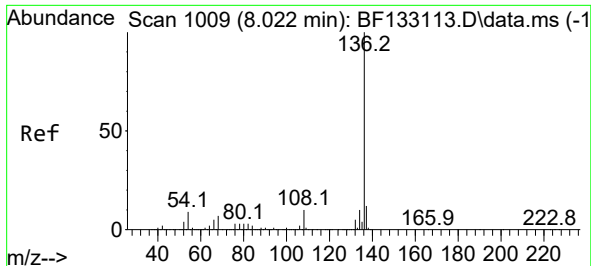
Tgt Ion:	70	Resp:	394058
Ion	Ratio	Lower	Upper
70	100		
42	58.2	51.8	77.6
101	10.3	8.0	12.0
130	22.1	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.712 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:	107	Resp:	585134
Ion	Ratio	Lower	Upper
107	100		
108	96.6	70.5	110.5
77	50.9	91.7	131.7#
79	29.4	7.1	47.1

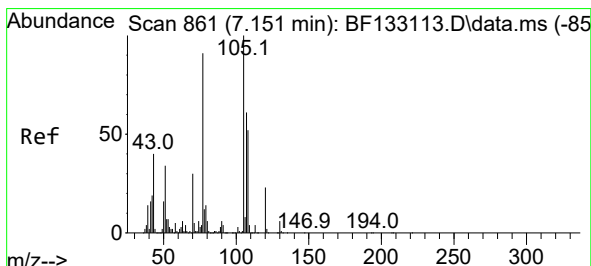
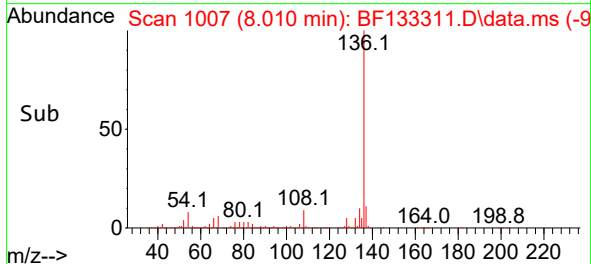
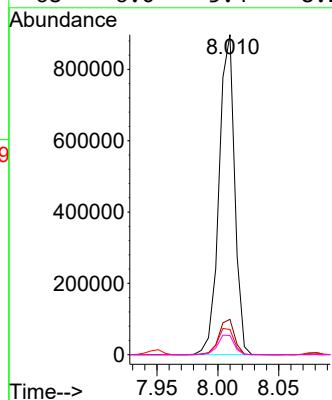
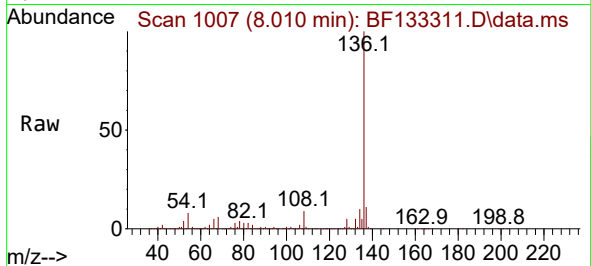




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

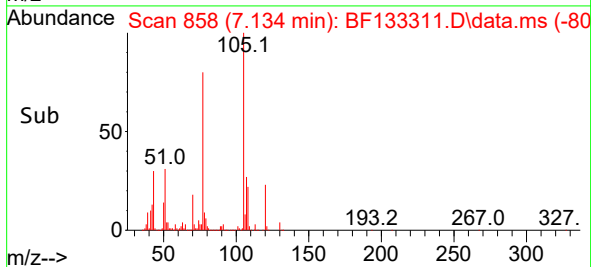
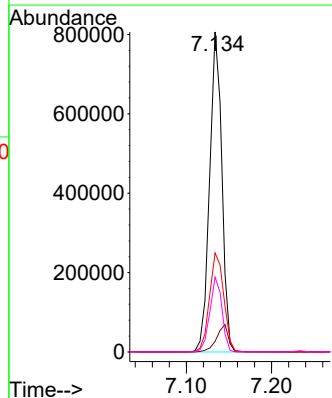
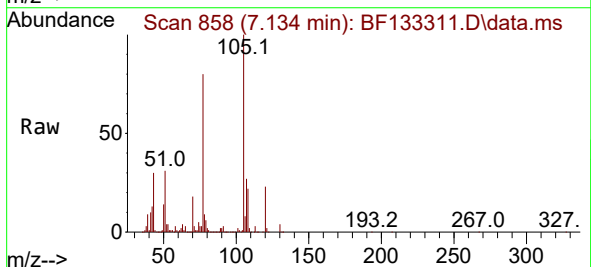
Instrument :
BNA_F
ClientSampleId :
PB152628BS

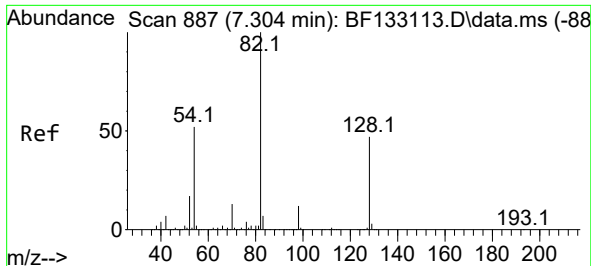
Tgt Ion:136 Resp: 803115
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.0 10.4
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 43.326 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:105 Resp: 806026
Ion Ratio Lower Upper
105 100
71 3.3 4.6 7.0#
51 30.9 28.2 42.2
120 23.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 66.874 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

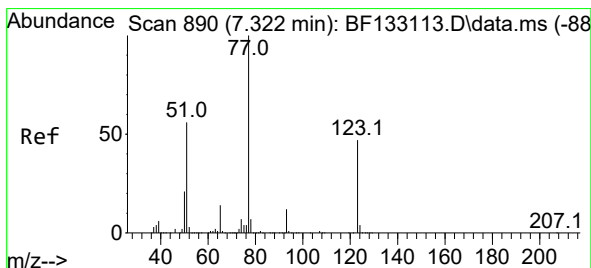
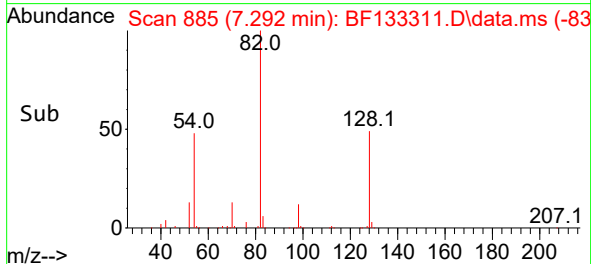
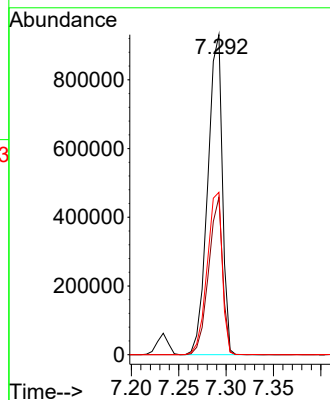
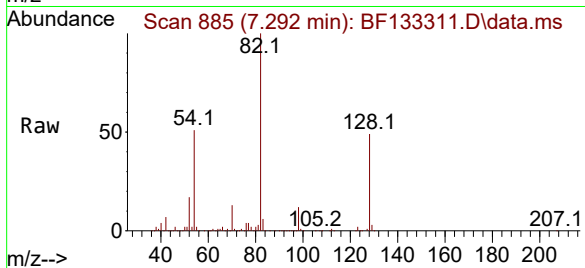
Tgt Ion: 82 Resp: 995009

Ion Ratio Lower Upper

82 100

128 49.1 37.7 56.5

54 50.7 43.0 64.4



#24

Nitrobenzene

Concen: 40.841 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

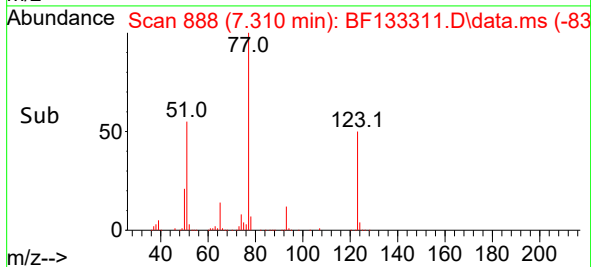
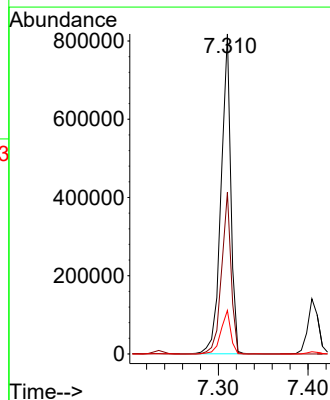
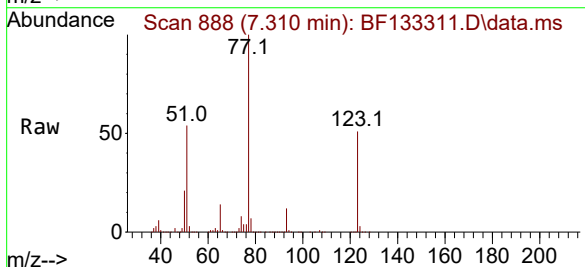
Tgt Ion: 77 Resp: 615759

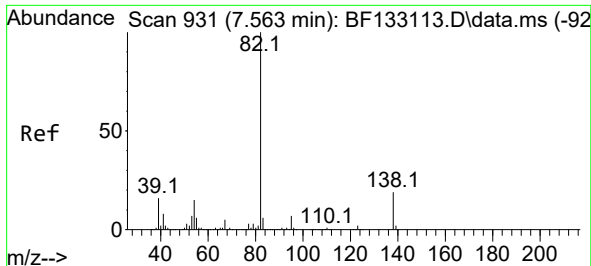
Ion Ratio Lower Upper

77 100

123 50.5 39.9 59.9

65 13.6 10.7 16.1

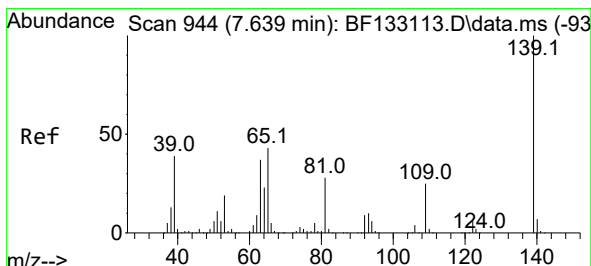
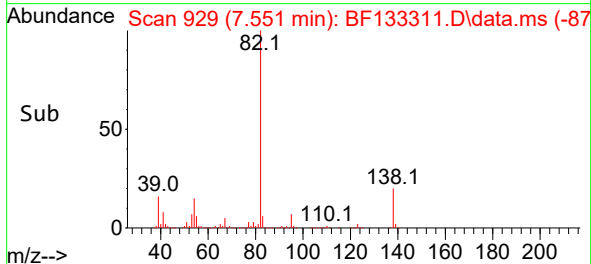
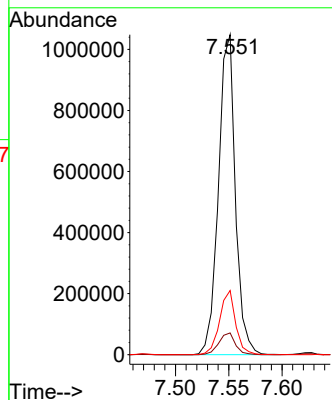
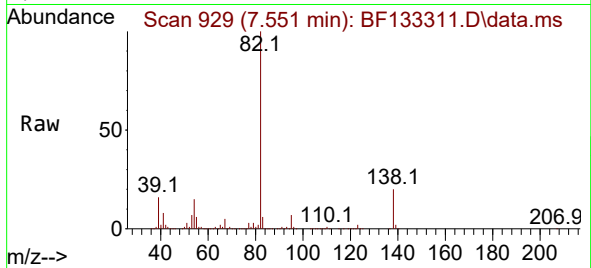




#25
Isophorone
Concen: 40.843 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

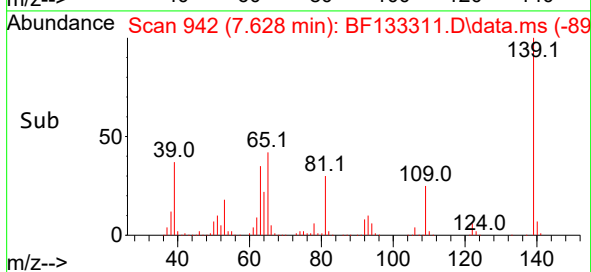
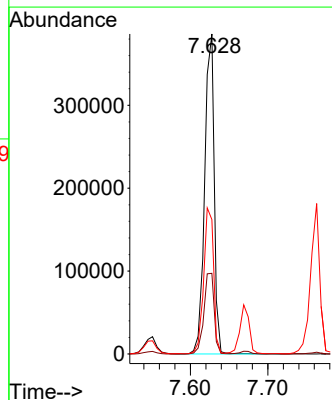
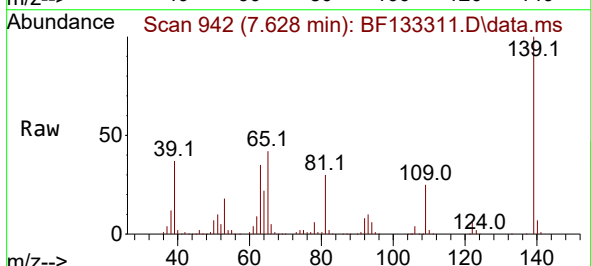
Instrument :
BNA_F
ClientSampleId :
PB152628BS

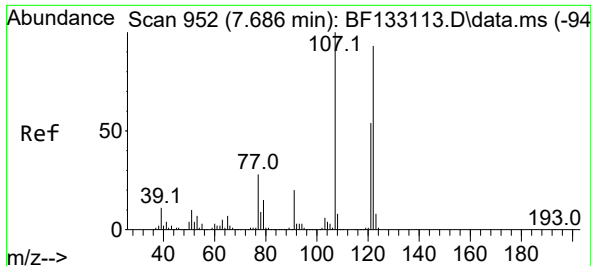
Tgt Ion: 82 Resp: 1153799
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.0 16.0 24.0



#26
2-Nitrophenol
Concen: 45.379 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:139 Resp: 330007
Ion Ratio Lower Upper
139 100
109 25.2 21.6 32.4
65 42.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.600 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF133311.D

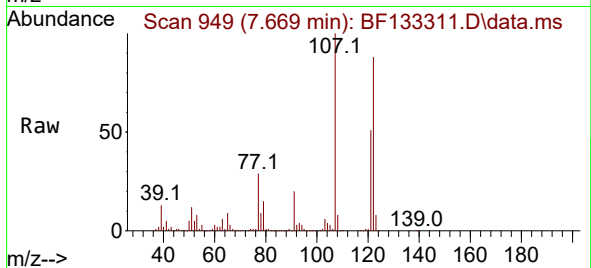
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS



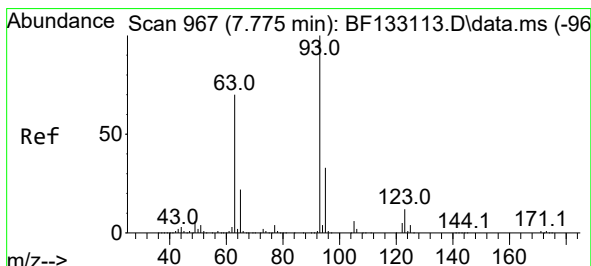
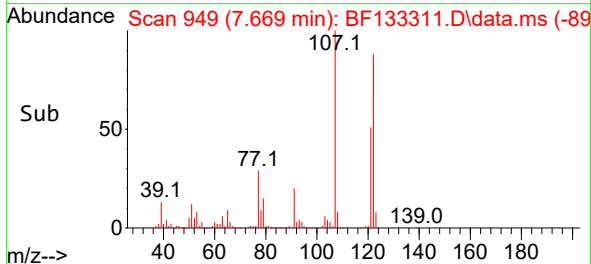
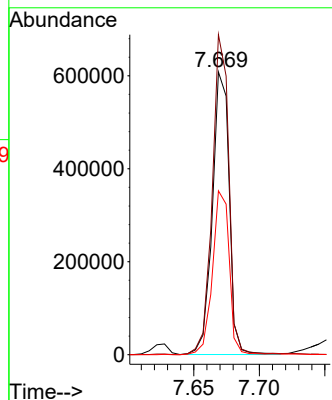
Tgt Ion:122 Resp: 543676

Ion Ratio Lower Upper

122 100

107 113.2 89.7 134.5

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.401 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

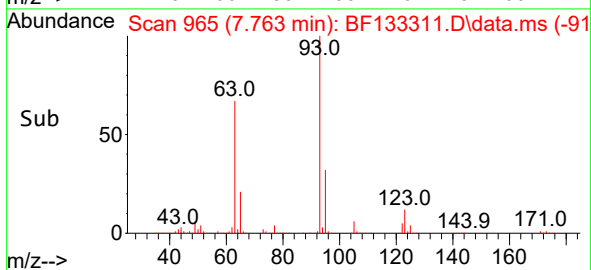
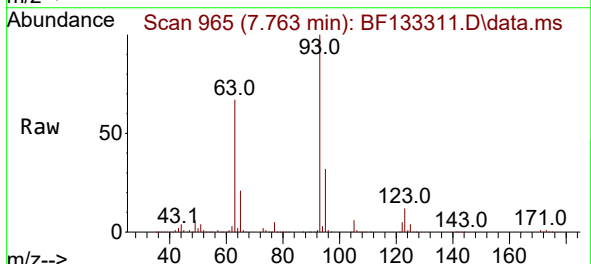
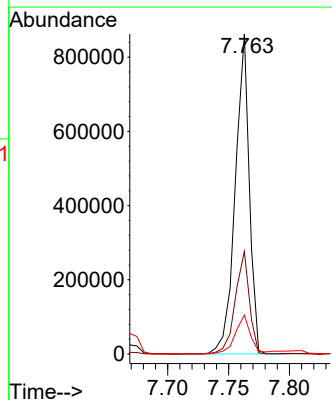
Tgt Ion: 93 Resp: 691897

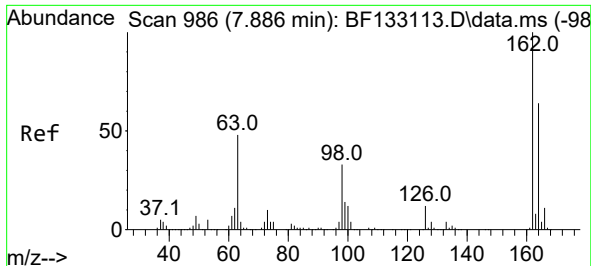
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.100 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

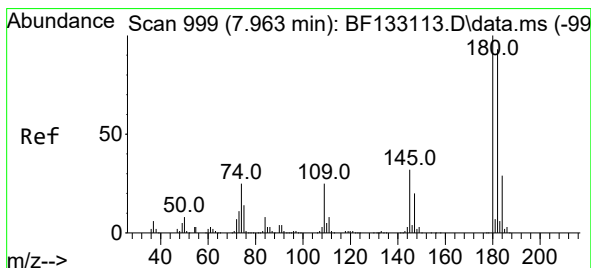
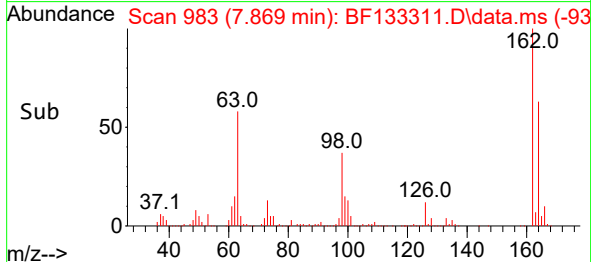
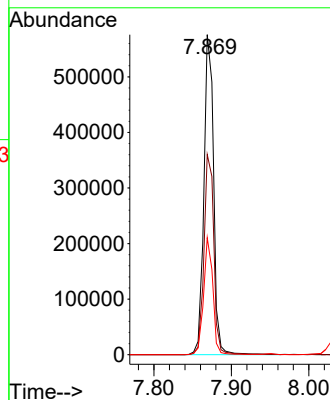
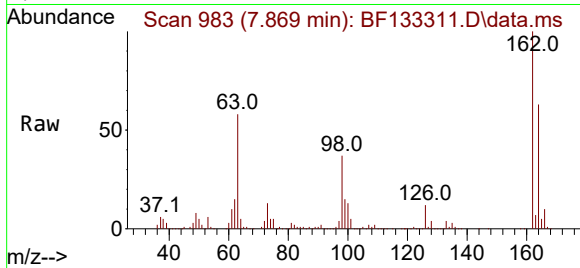
Tgt Ion:162 Resp: 500615

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

98 36.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.084 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

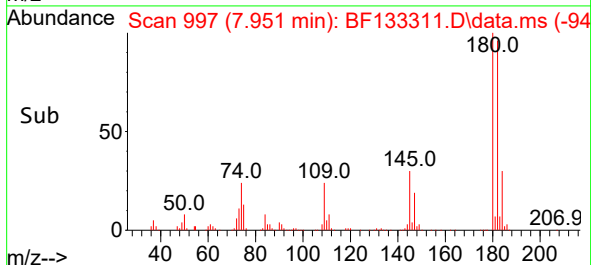
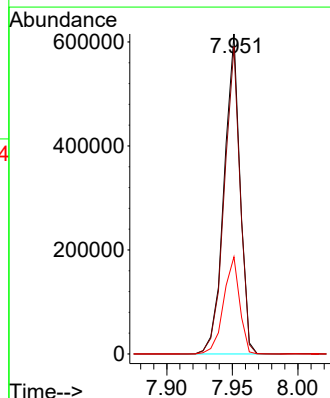
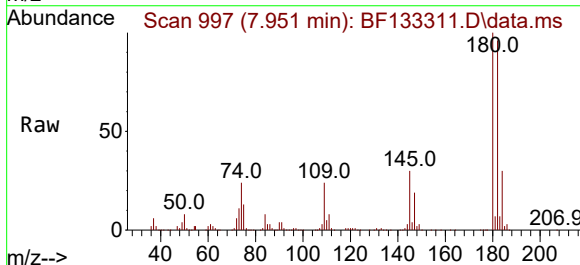
Tgt Ion:180 Resp: 518438

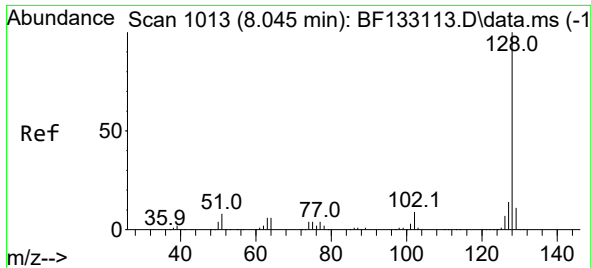
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 30.3 25.3 37.9

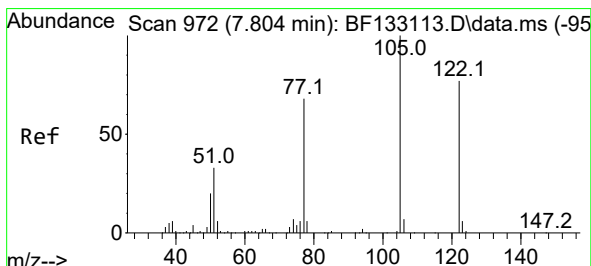
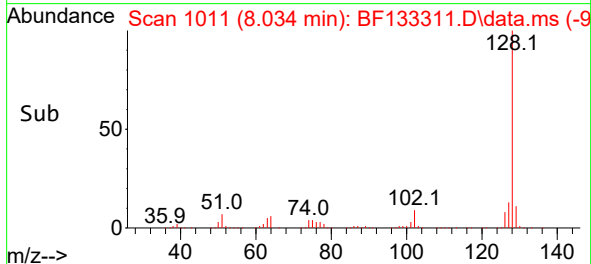
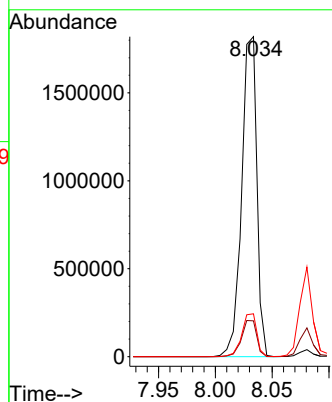
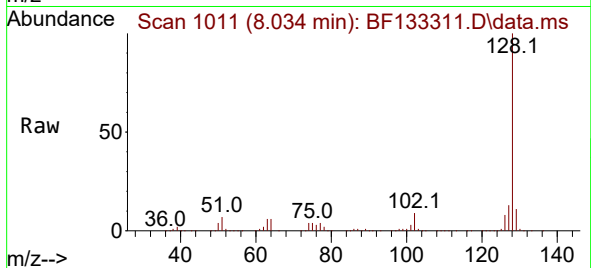




#31
Naphthalene
Concen: 41.959 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

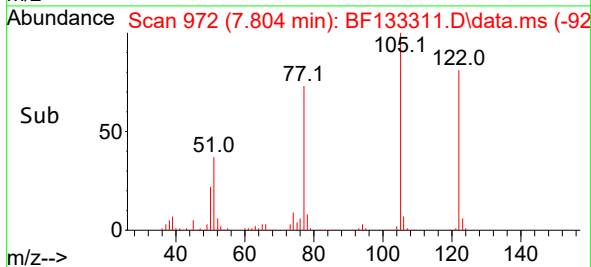
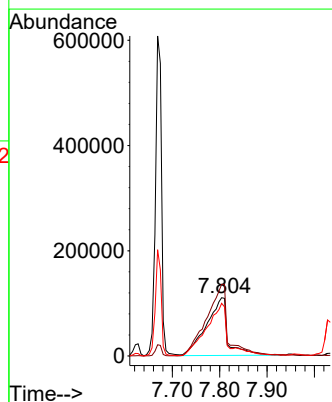
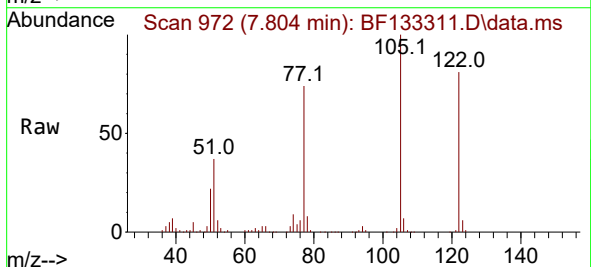
Instrument :
BNA_F
ClientSampleId :
PB152628BS

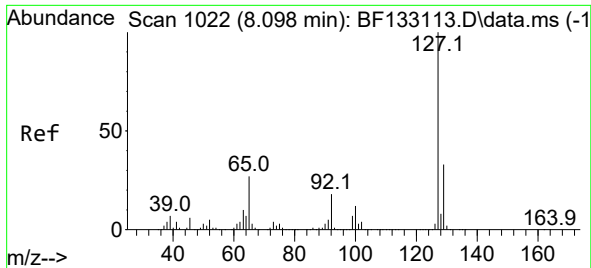
Tgt Ion:128 Resp: 1684804
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 45.380 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:122 Resp: 349537
Ion Ratio Lower Upper
122 100
105 123.1 104.2 144.2
77 90.5 69.7 109.7

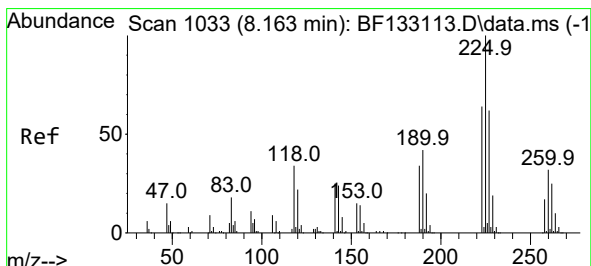
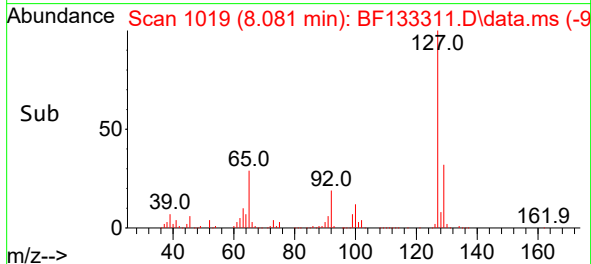
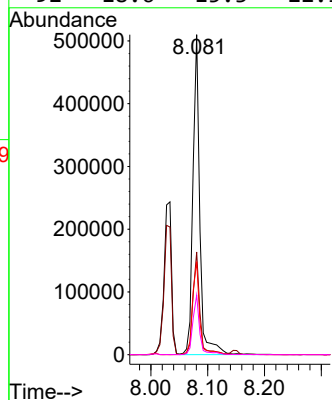
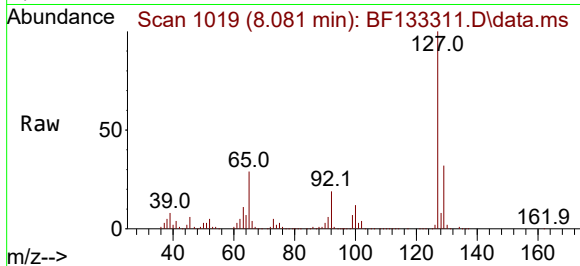




#33
4-Chloroaniline
Concen: 26.309 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

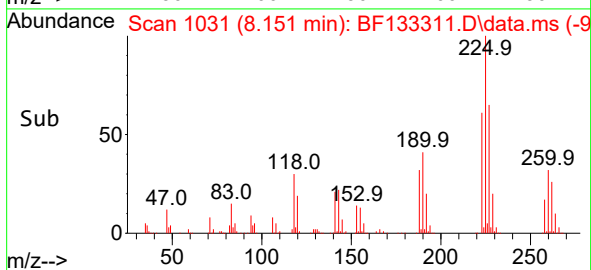
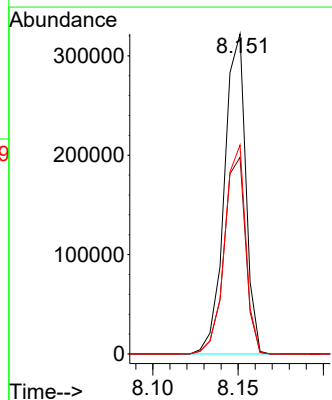
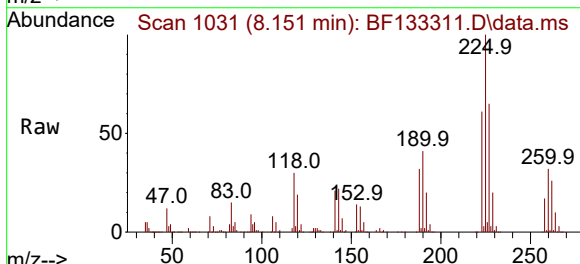
Instrument :
BNA_F
ClientSampleId :
PB152628BS

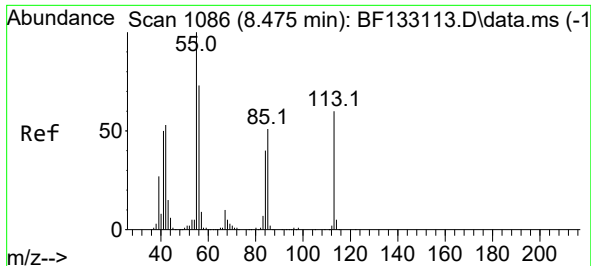
Tgt Ion:	127	Resp:	426831
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	29.0	23.6	35.4
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.952 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:	225	Resp:	279964
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	65.3	50.3	75.5

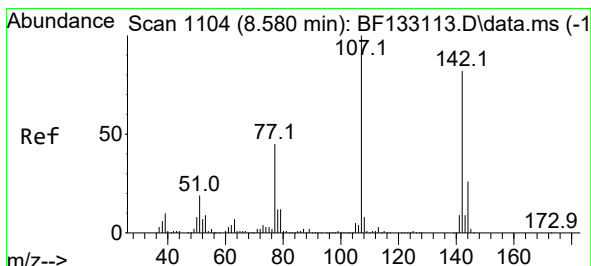
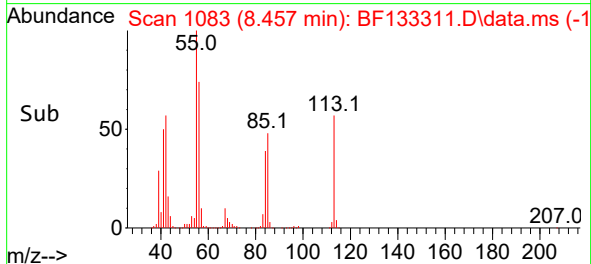
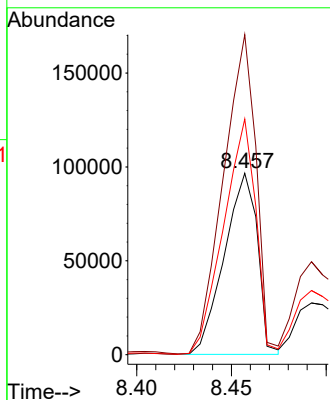
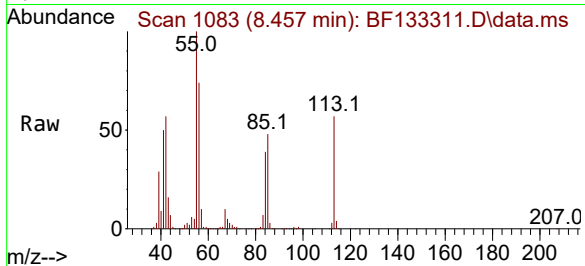




#35
 Caprolactam
 Concen: 30.700 ng
 RT: 8.457 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

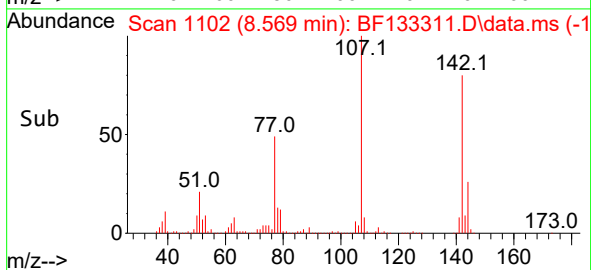
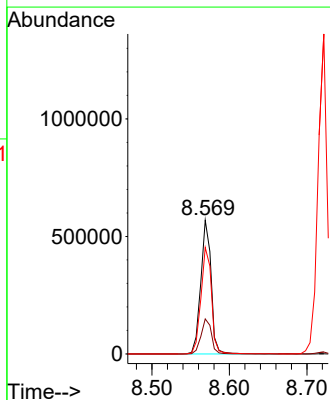
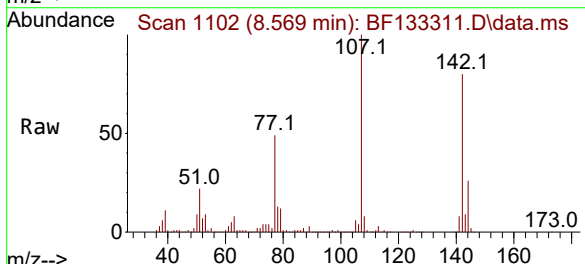
Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS

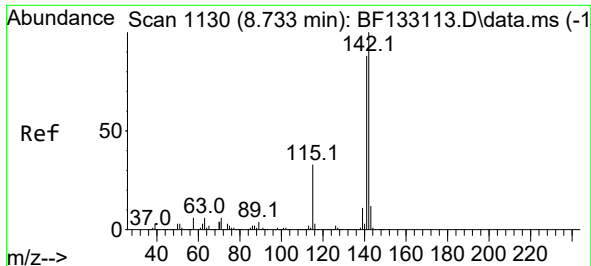
Tgt Ion:113 Resp: 117072
 Ion Ratio Lower Upper
 113 100
 55 176.4 167.1 207.1
 56 129.9 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.315 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Tgt Ion:107 Resp: 530231
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 79.6 62.8 94.2

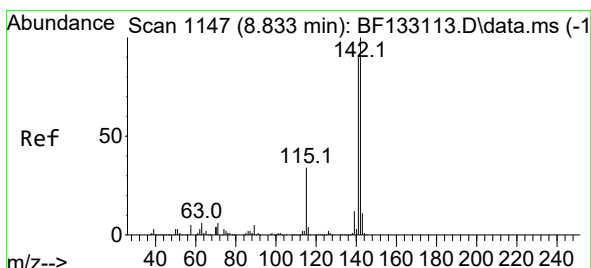
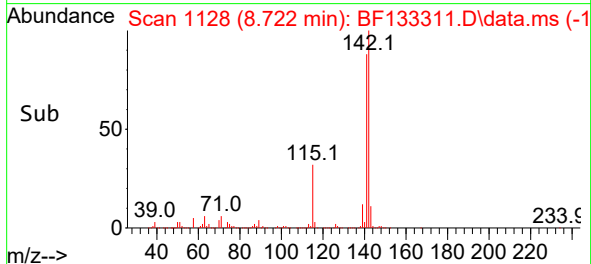
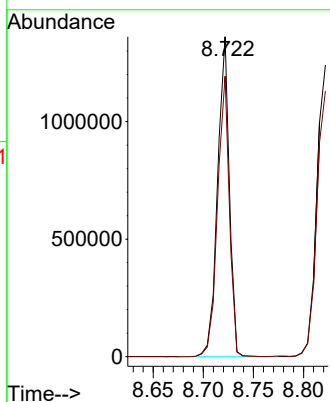
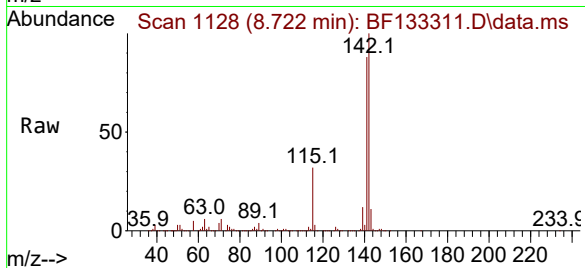




#37
2-Methylnaphthalene
Concen: 40.359 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

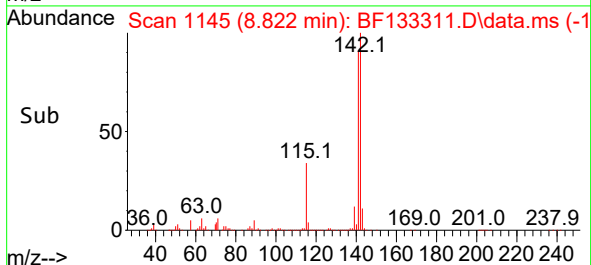
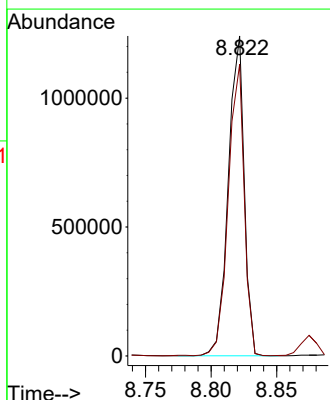
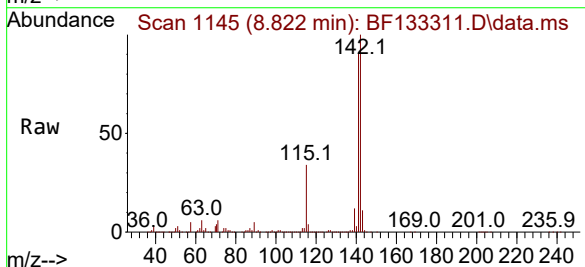
Instrument :
BNA_F
ClientSampleId :
PB152628BS

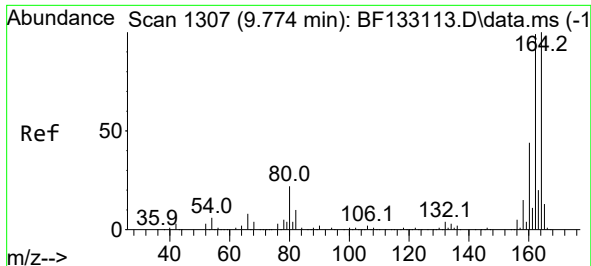
Tgt Ion:142 Resp: 1107920
Ion Ratio Lower Upper
142 100
141 87.7 69.4 104.0



#38
1-Methylnaphthalene
Concen: 40.719 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:142 Resp: 1045688
Ion Ratio Lower Upper
142 100
141 91.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF13311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

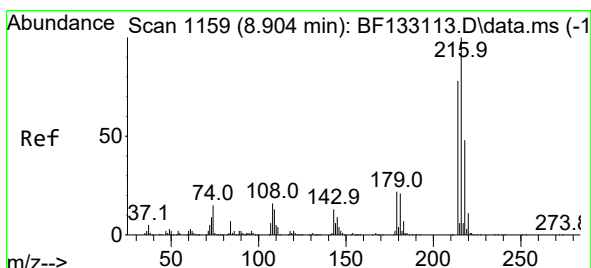
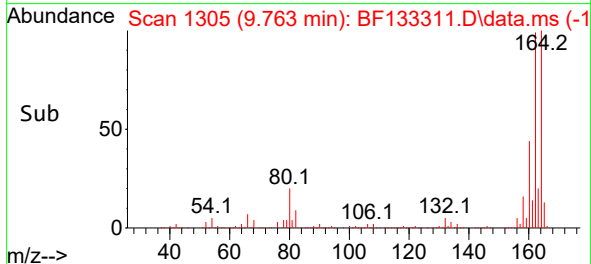
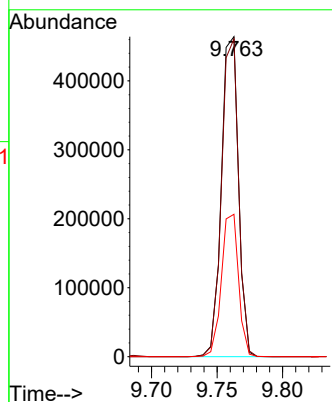
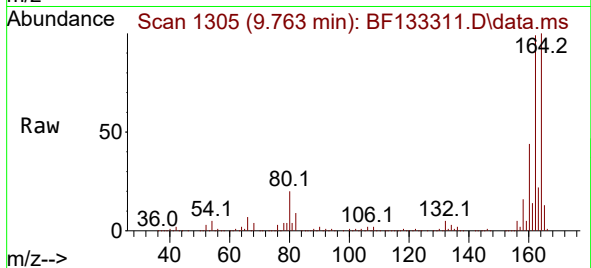
Tgt Ion:164 Resp: 420488

Ion Ratio Lower Upper

164 100

162 99.3 78.7 118.1

160 44.5 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.893 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF13311.D

Acq: 09 May 2023 11:50

Tgt Ion:216 Resp: 462328

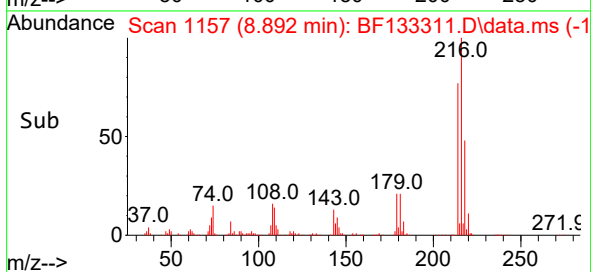
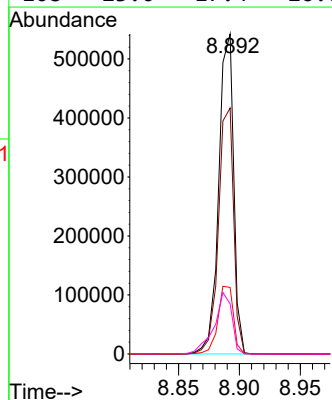
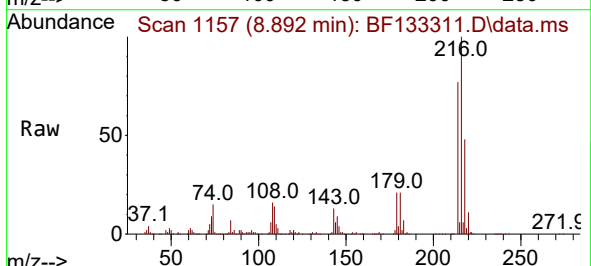
Ion Ratio Lower Upper

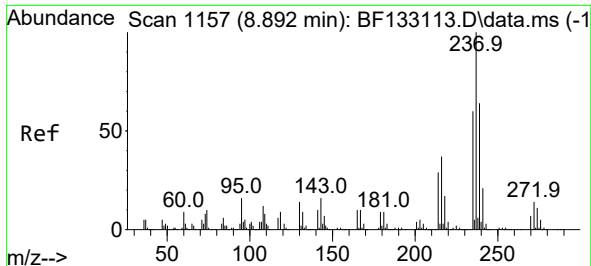
216 100

214 78.3 63.5 95.3

179 22.0 17.4 26.2

108 23.0 17.4 26.0

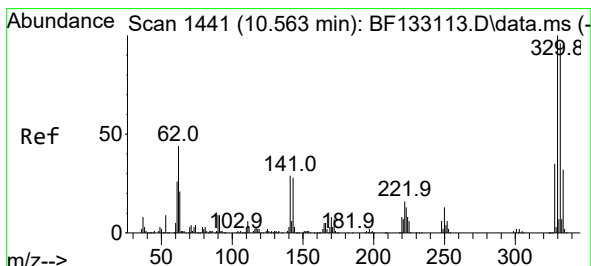
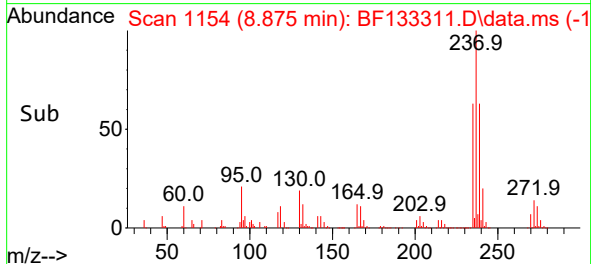
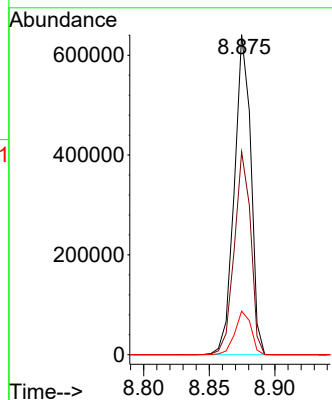
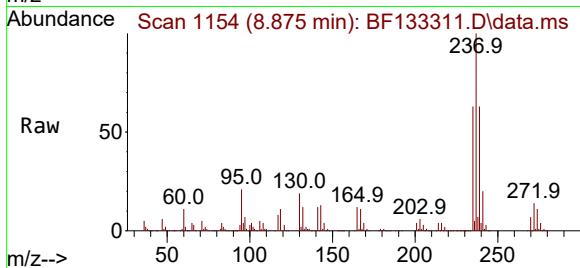




#41
Hexachlorocyclopentadiene
Concen: 85.316 ng
RT: 8.875 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF13311.D
Acq: 09 May 2023 11:50

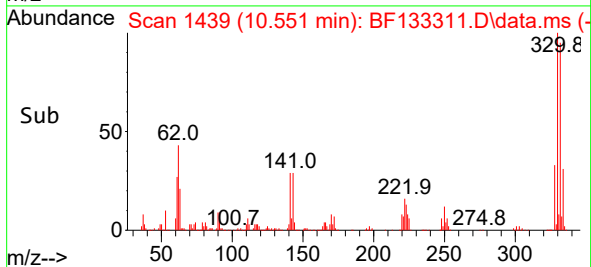
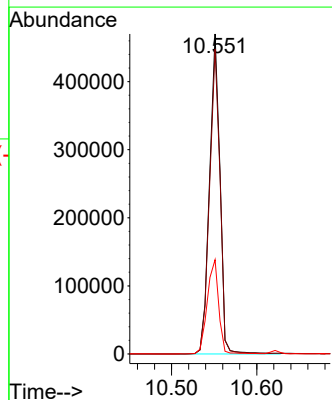
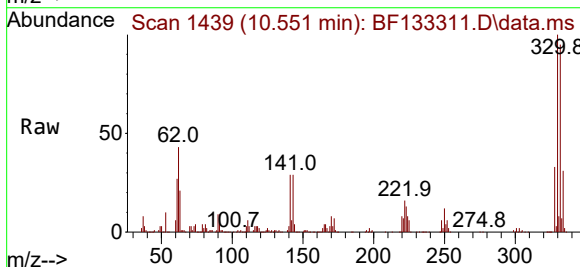
Instrument :
BNA_F
ClientSampleId :
PB152628BS

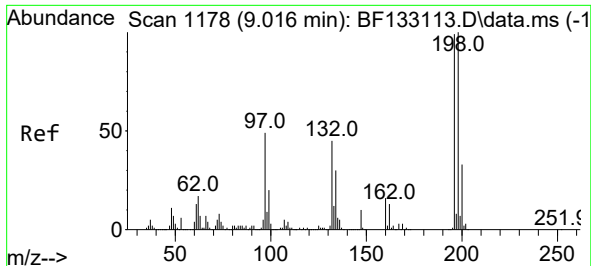
Tgt Ion:237 Resp: 562535
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 94.419 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF13311.D
Acq: 09 May 2023 11:50

Tgt Ion:330 Resp: 399281
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 32.3 25.8 38.8

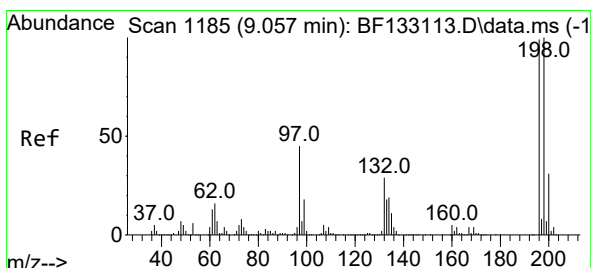
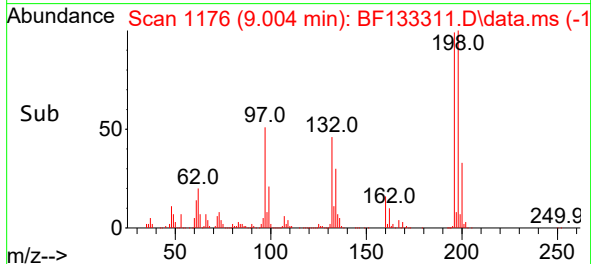
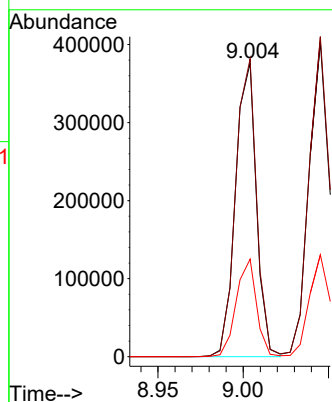
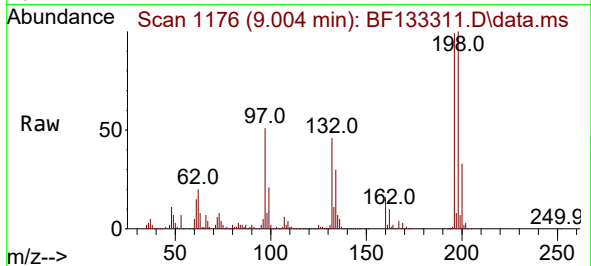




#43
2,4,6-Trichlorophenol
Concen: 41.119 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

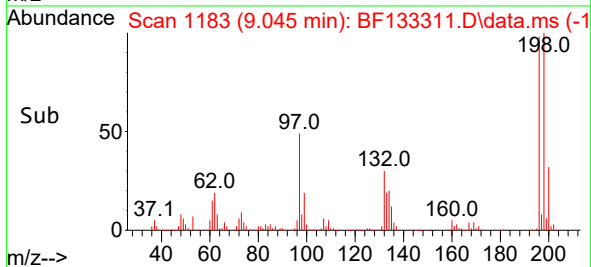
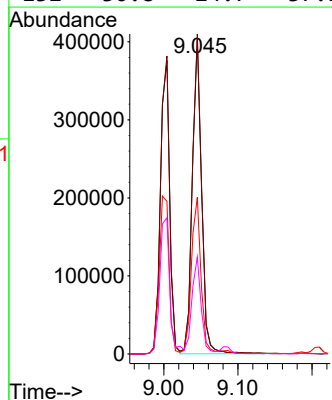
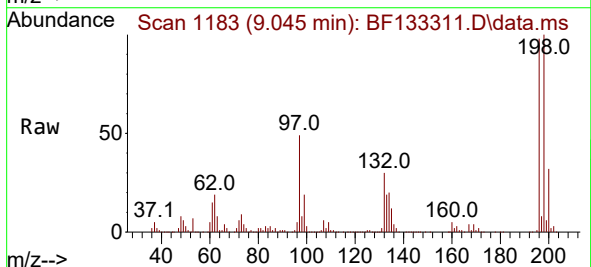
Instrument :
BNA_F
ClientSampleId :
PB152628BS

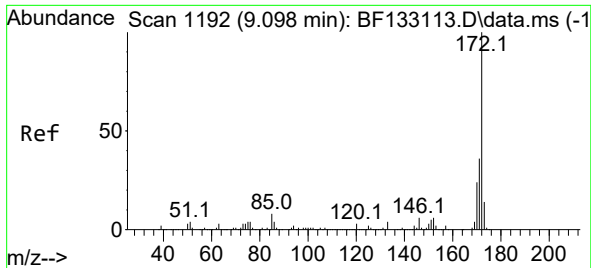
Tgt Ion:196 Resp: 321494
Ion Ratio Lower Upper
196 100
198 101.5 81.0 121.6
200 33.2 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.020 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:196 Resp: 352841
Ion Ratio Lower Upper
196 100
198 101.7 80.9 121.3
97 49.8 41.3 61.9
132 30.8 24.7 37.1

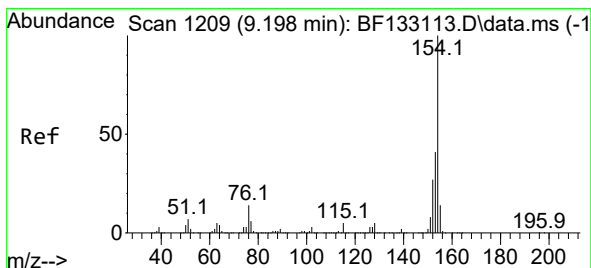
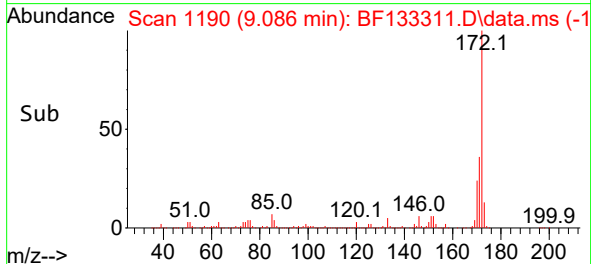
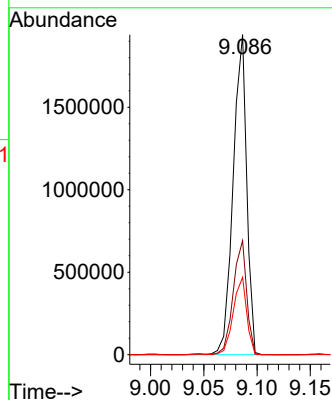
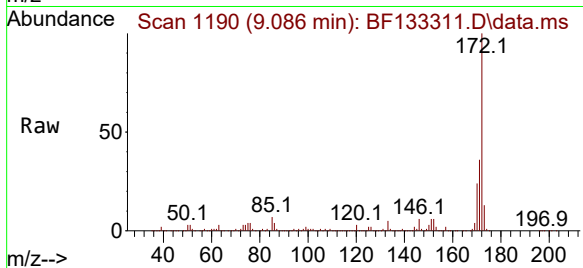




#45
2-Fluorobiphenyl
Concen: 68.164 ng
RT: 9.086 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

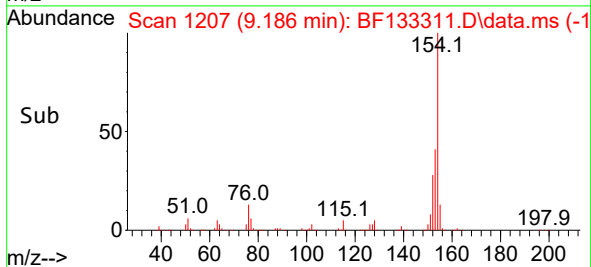
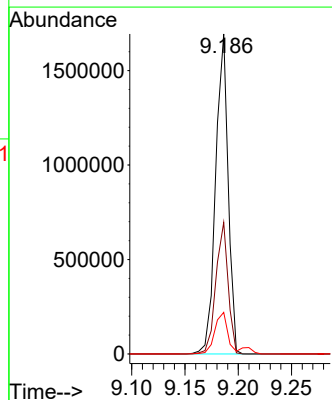
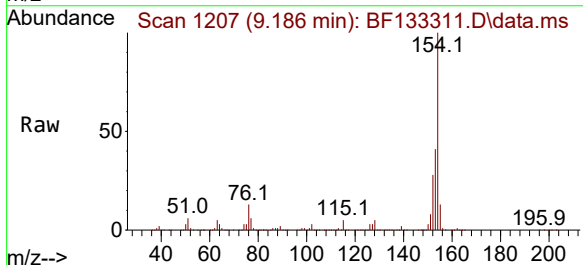
Instrument :
BNA_F
ClientSampleId :
PB152628BS

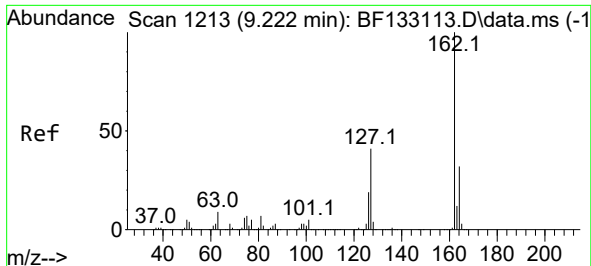
Tgt Ion:172 Resp: 1713216
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.215 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:154 Resp: 1374226
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 13.0 0.0 34.5

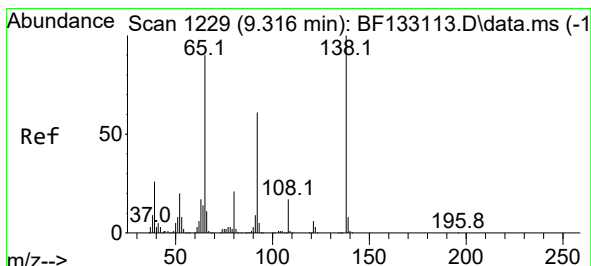
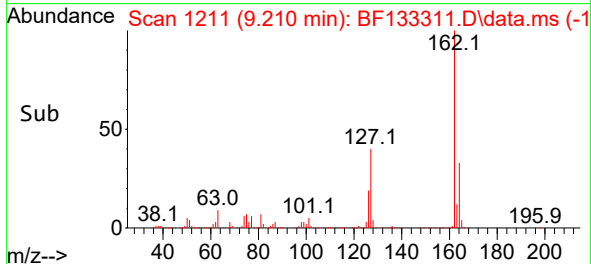
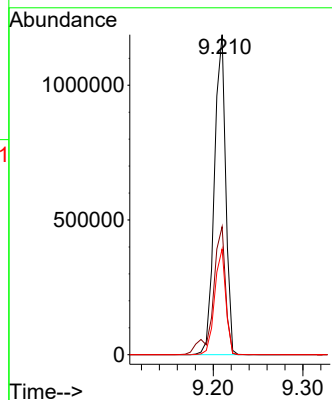
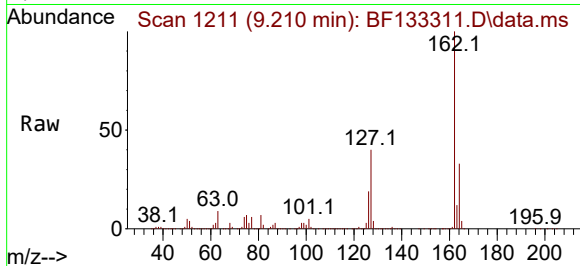




#47
2-Chloronaphthalene
Concen: 42.514 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

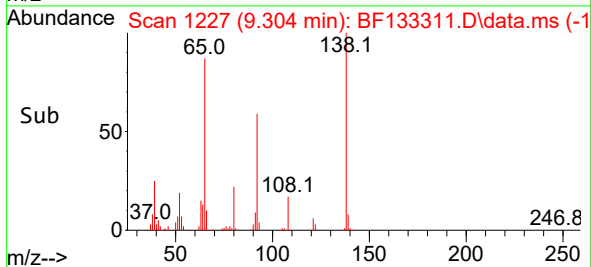
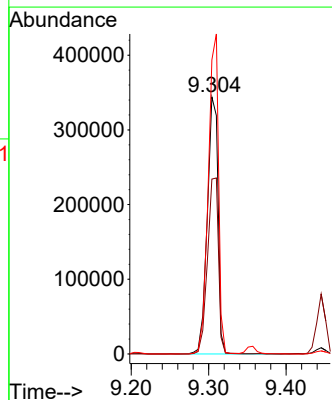
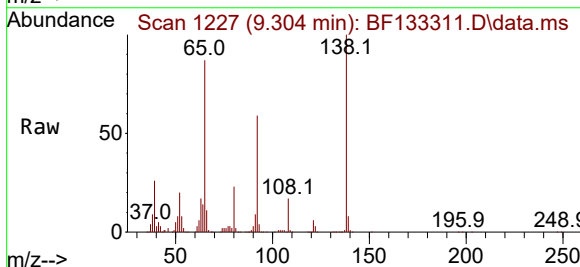
Instrument :
BNA_F
ClientSampleId :
PB152628BS

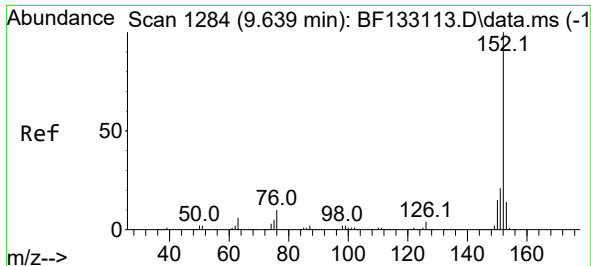
Tgt Ion:162 Resp: 1037542
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 41.065 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 65 Resp: 331214
Ion Ratio Lower Upper
65 100
92 68.0 55.4 83.0
138 114.4 98.2 147.2





#49

Acenaphthylene

Concen: 40.745 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

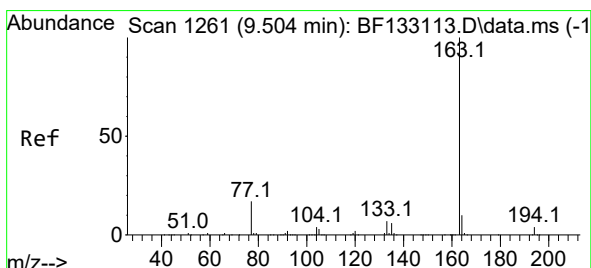
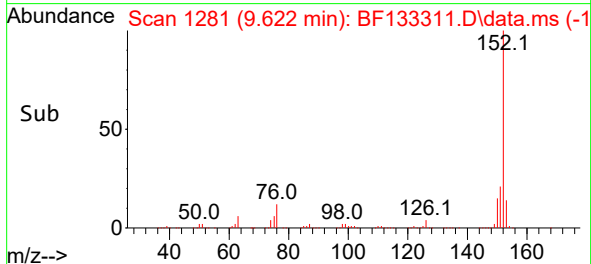
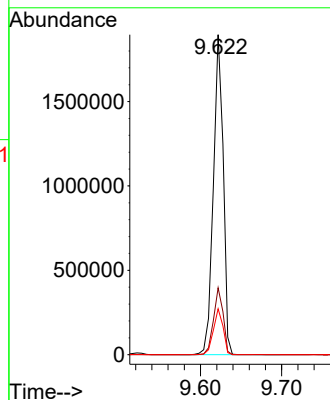
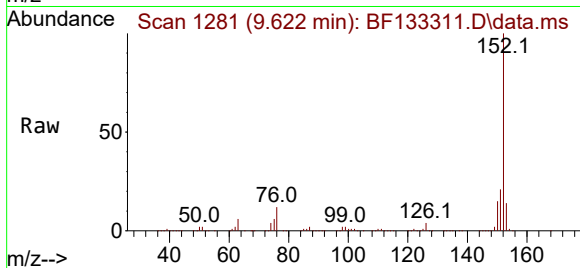
Tgt Ion:152 Resp: 1588856

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.4 11.5 17.3



#50

Dimethylphthalate

Concen: 41.204 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

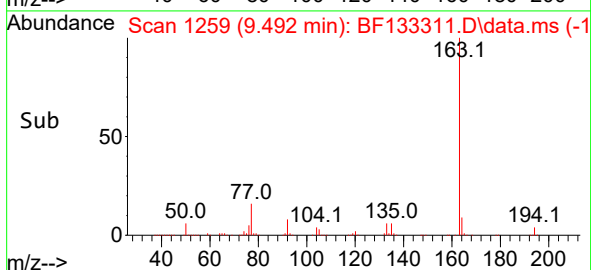
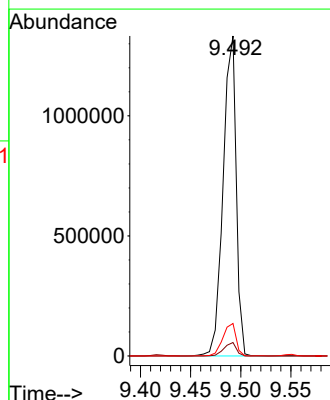
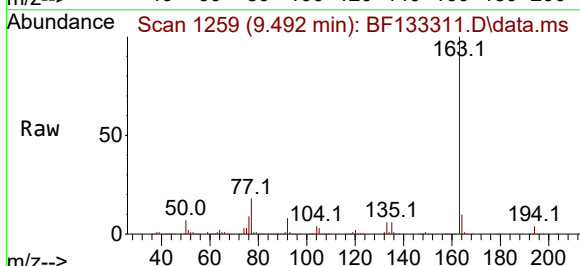
Tgt Ion:163 Resp: 1208091

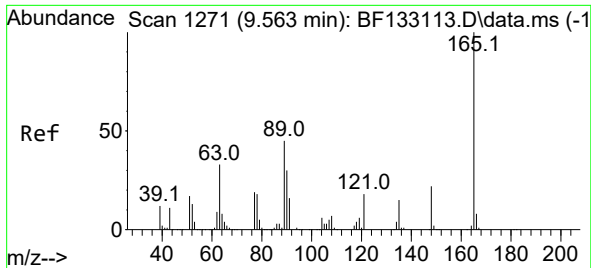
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.2 8.5 12.7

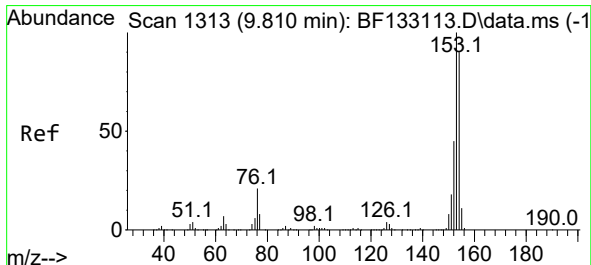
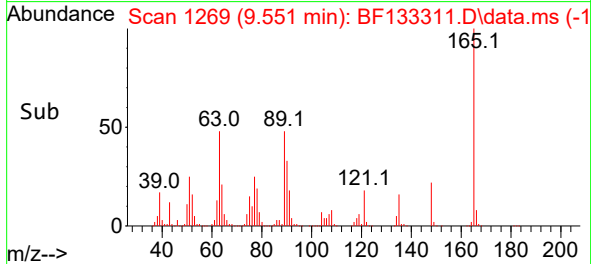
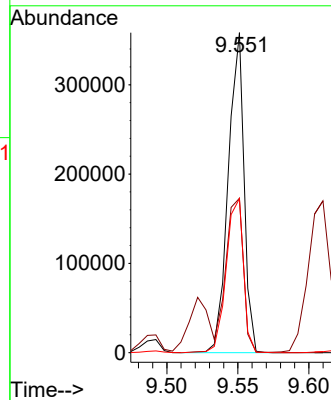
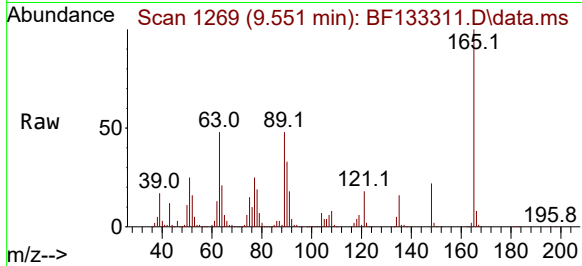




#51
2,6-Dinitrotoluene
Concen: 42.116 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

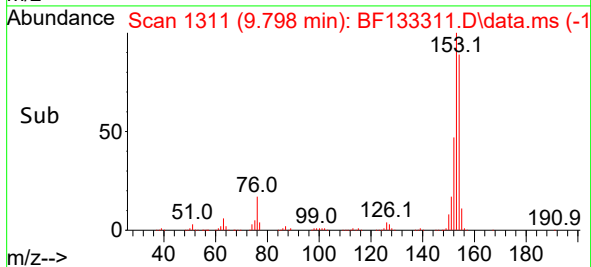
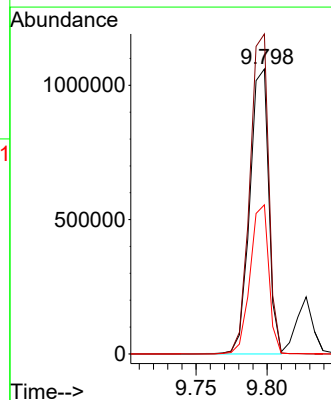
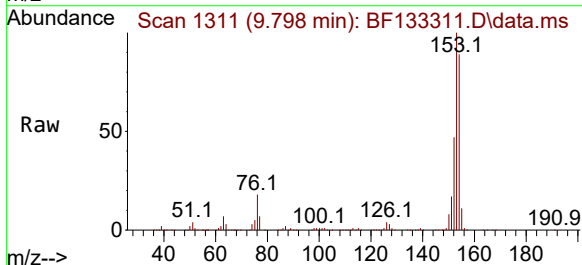
Instrument :
BNA_F
ClientSampleId :
PB152628BS

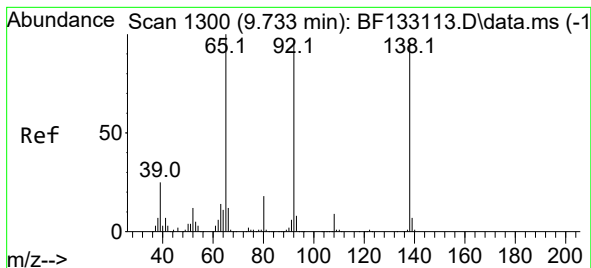
Tgt Ion:165 Resp: 277930
Ion Ratio Lower Upper
165 100
63 48.3 45.9 68.9
89 48.2 44.0 66.0



#52
Acenaphthene
Concen: 37.716 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:154 Resp: 985036
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 52.3 40.4 60.6





#53

3-Nitroaniline

Concen: 31.463 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

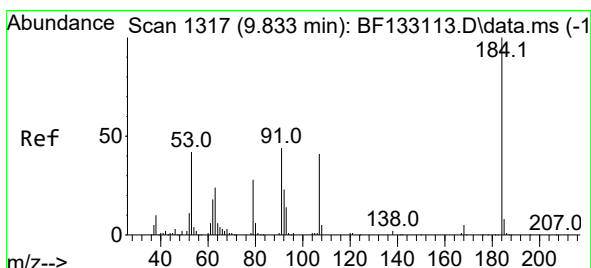
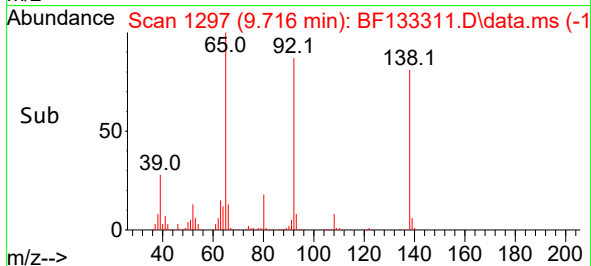
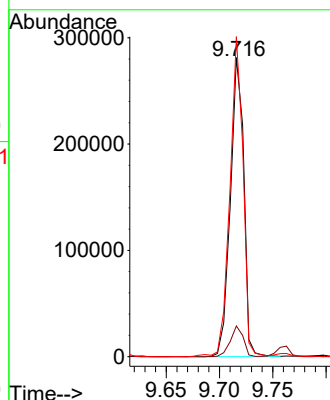
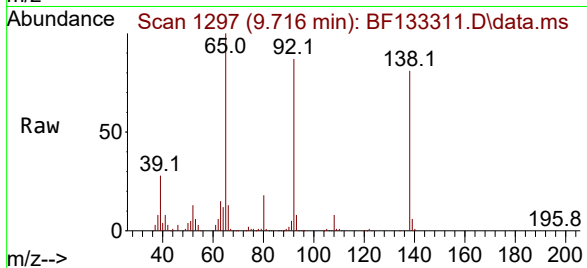
Tgt Ion:138 Resp: 246876

Ion Ratio Lower Upper

138 100

108 10.3 8.0 12.0

92 107.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 89.133 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

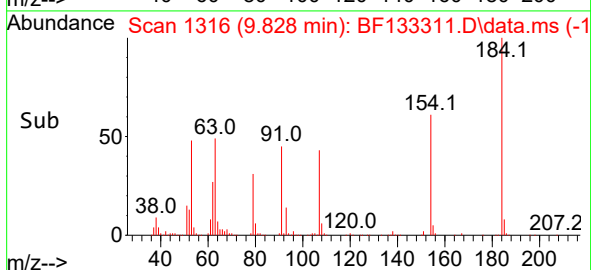
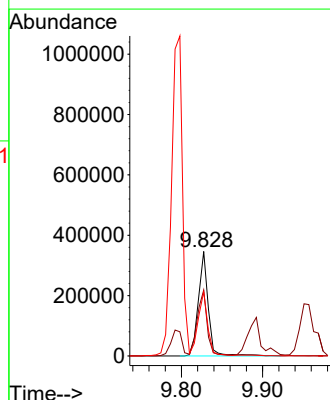
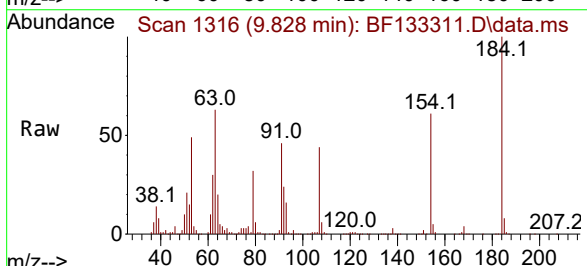
Tgt Ion:184 Resp: 295659

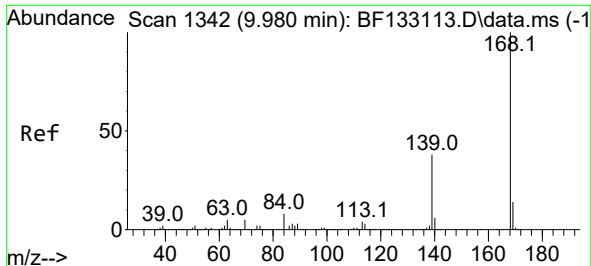
Ion Ratio Lower Upper

184 100

63 63.1 49.8 74.8

154 61.4 49.5 74.3

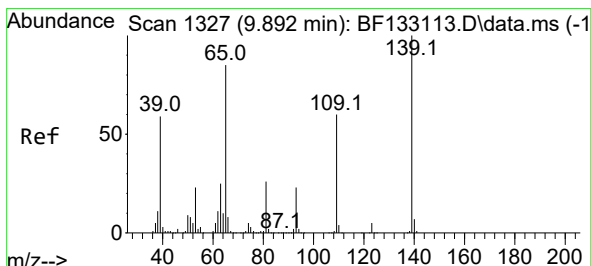
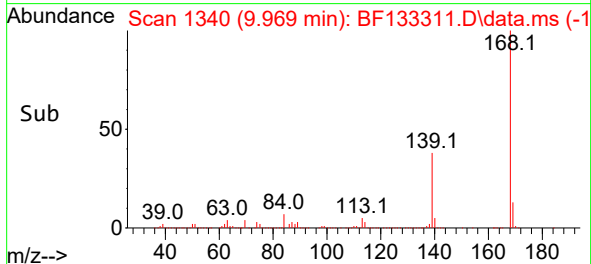
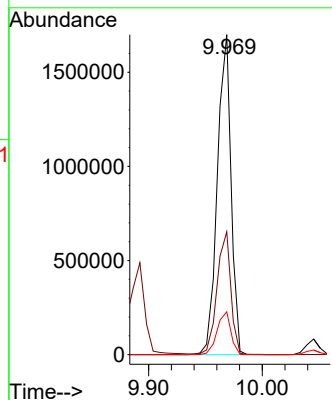
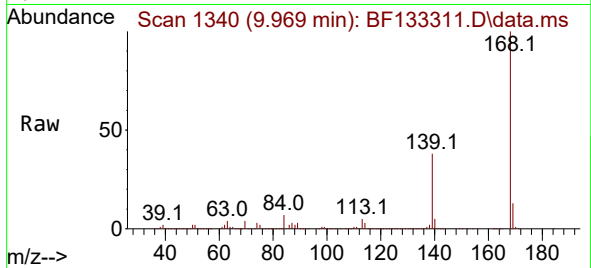




#55
Dibenzofuran
Concen: 40.004 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

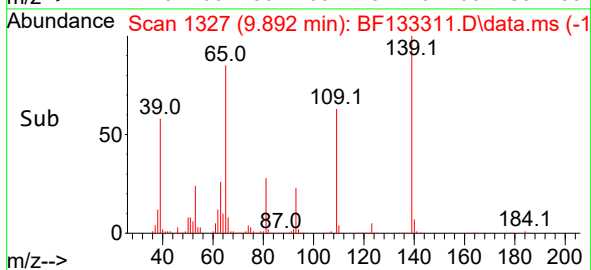
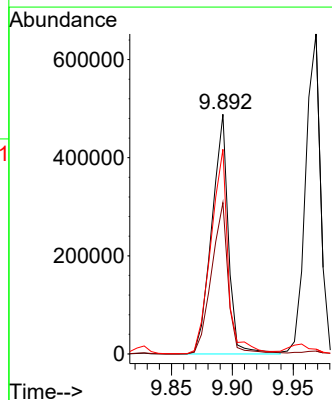
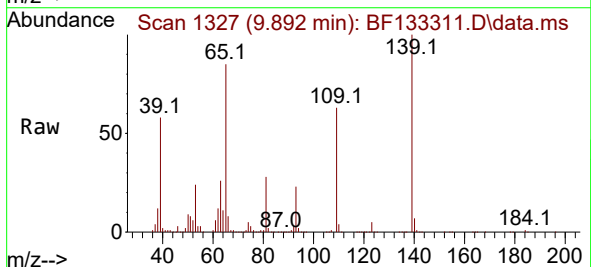
Instrument :
BNA_F
ClientSampleId :
PB152628BS

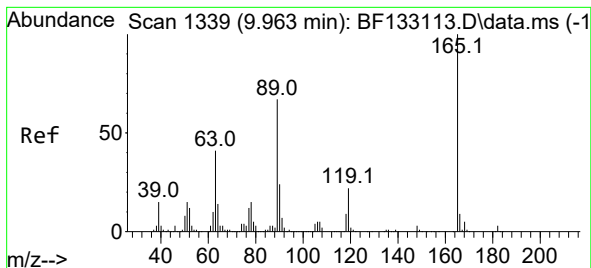
Tgt Ion:168 Resp: 1425184
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 76.352 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:139 Resp: 464010
Ion Ratio Lower Upper
139 100
109 63.2 39.4 79.4
65 85.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 42.949 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:165 Resp: 361448

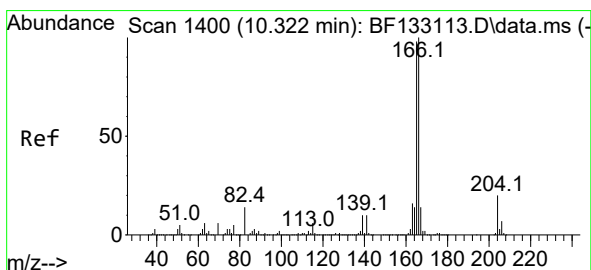
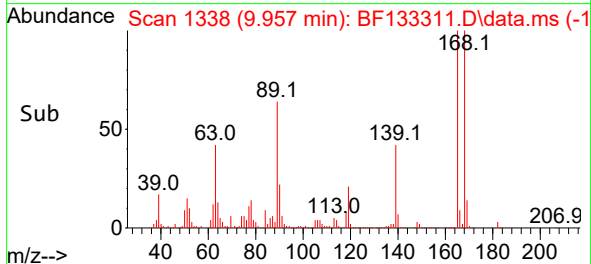
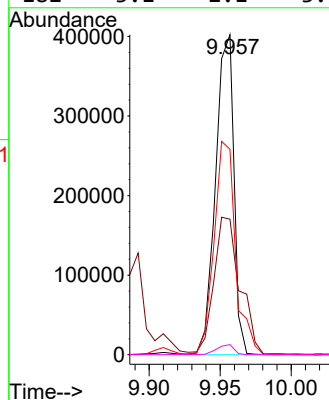
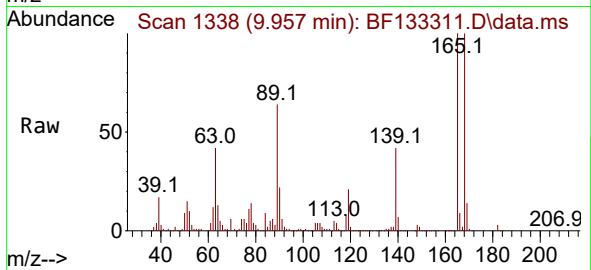
Ion Ratio Lower Upper

165 100

63 42.4 37.7 56.5

89 64.2 57.0 85.4

182 3.1 2.1 3.1#



#58

Fluorene

Concen: 40.442 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

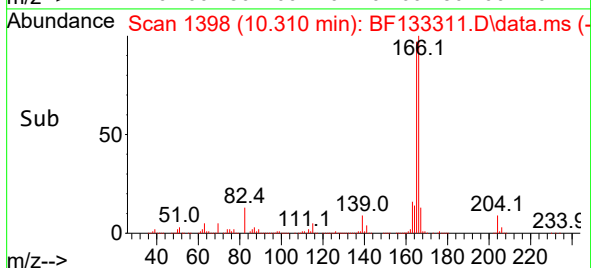
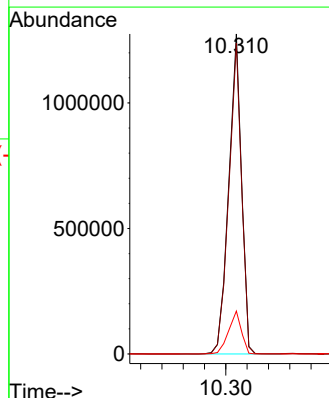
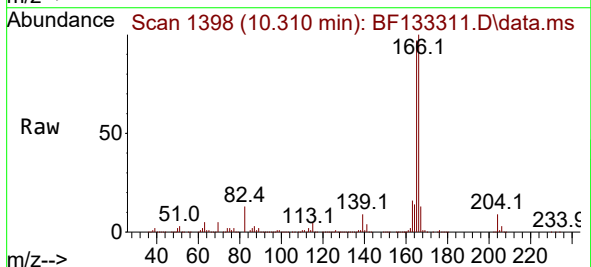
Tgt Ion:166 Resp: 1055587

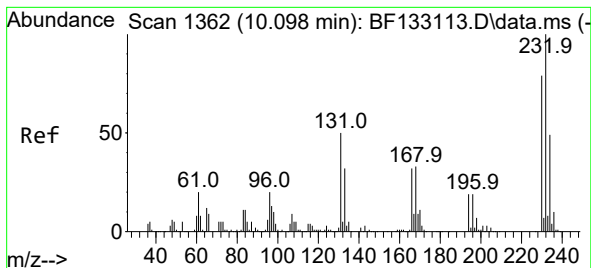
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

167 13.4 11.0 16.4

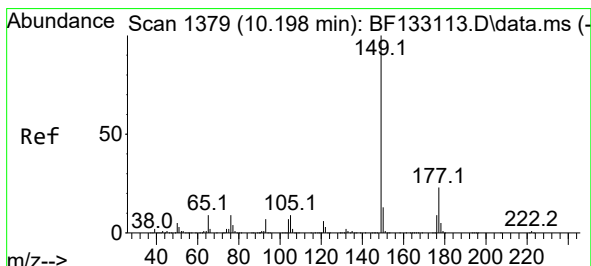
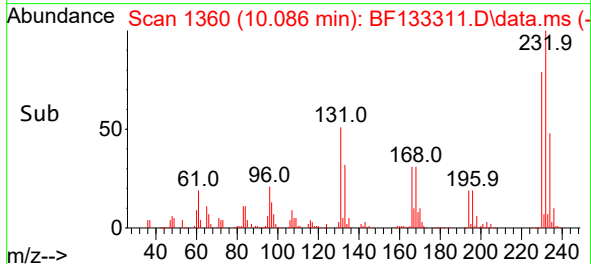
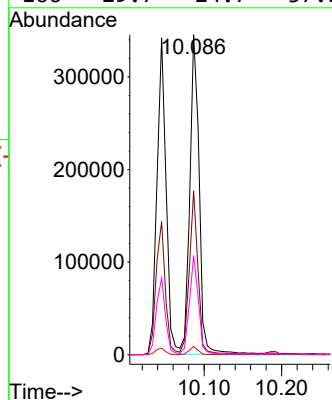
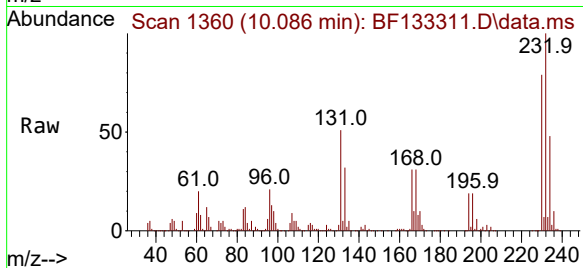




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.167 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

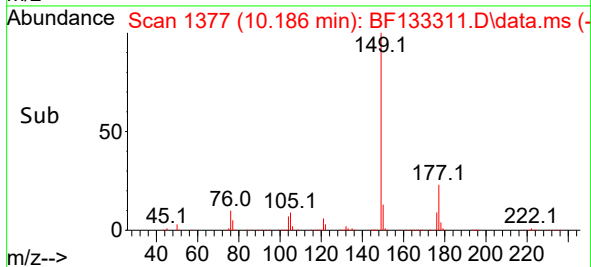
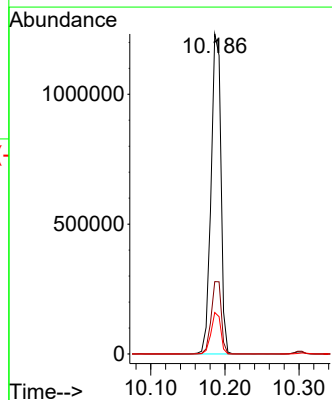
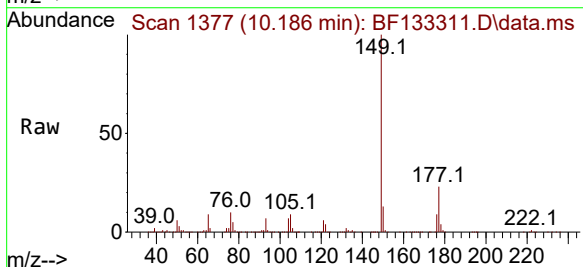
Instrument :
BNA_F
ClientSampleId :
PB152628BS

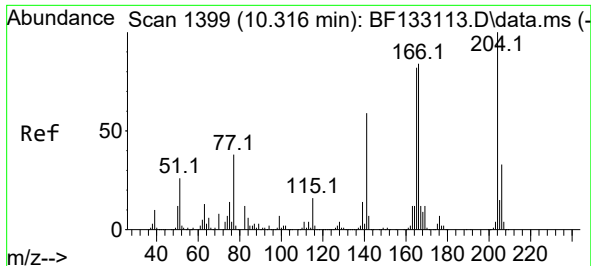
Tgt Ion:232 Resp: 288596
Ion Ratio Lower Upper
232 100
131 47.6 38.0 57.0
130 2.5 1.8 2.8
166 29.7 24.7 37.1



#60
Diethylphthalate
Concen: 41.055 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:149 Resp: 1136985
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 13.0 10.2 15.4

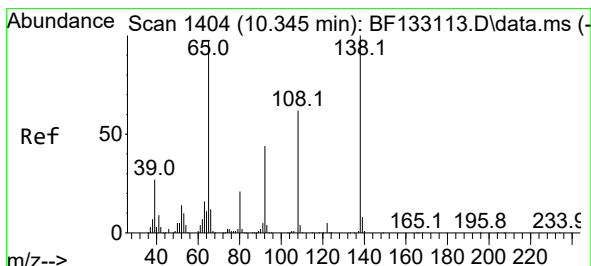
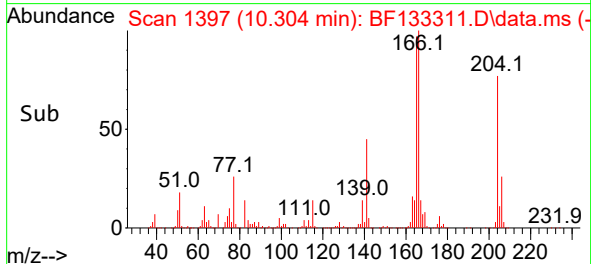
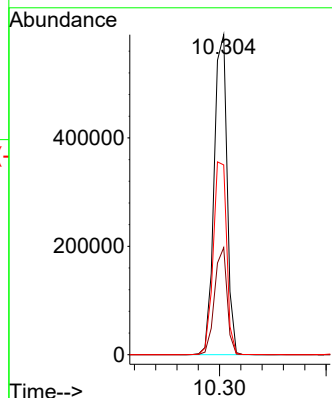
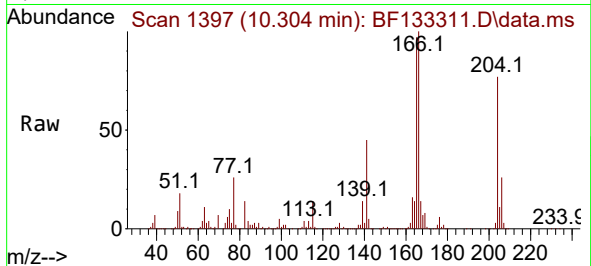




#61
4-Chlorophenyl-phenylether
Concen: 39.406 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

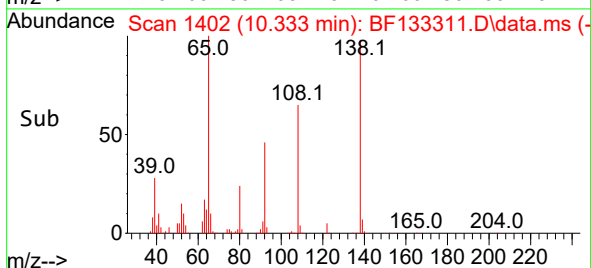
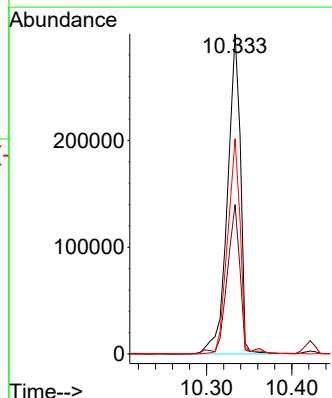
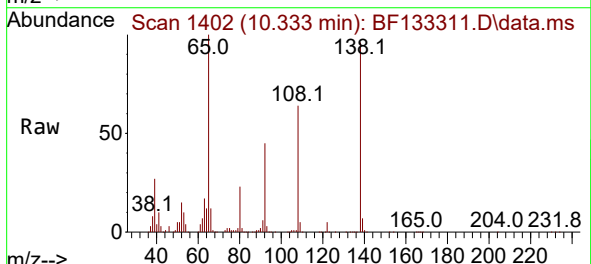
Instrument :
BNA_F
ClientSampleId :
PB152628BS

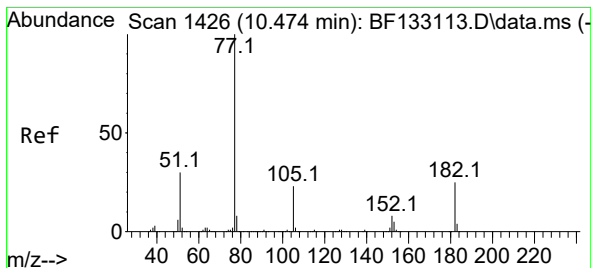
Tgt Ion:204 Resp: 501224
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 59.3 46.1 69.1



#62
4-Nitroaniline
Concen: 43.895 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:138 Resp: 316556
Ion Ratio Lower Upper
138 100
92 46.7 27.7 67.7
108 67.3 45.2 85.2





#63

Azobenzene

Concen: 39.088 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion: 77 Resp: 1146760

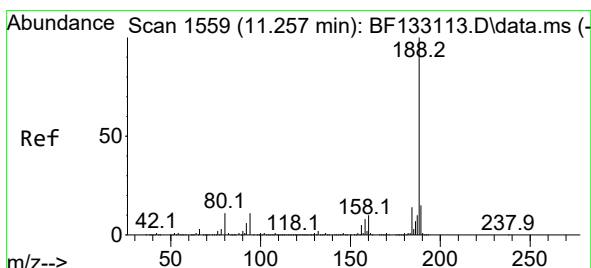
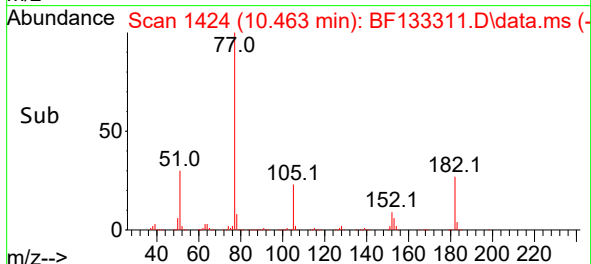
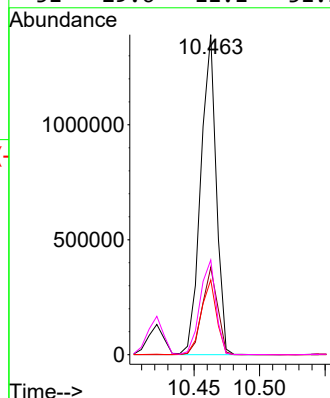
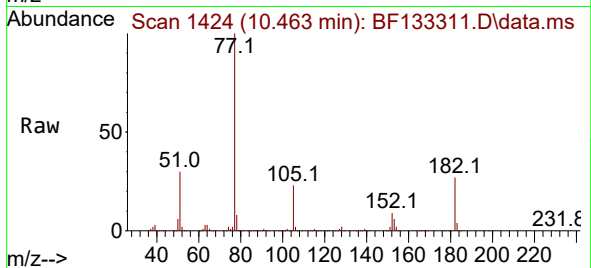
Ion Ratio Lower Upper

77 100

182 27.3 5.9 45.9

105 23.3 2.3 42.3

51 29.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

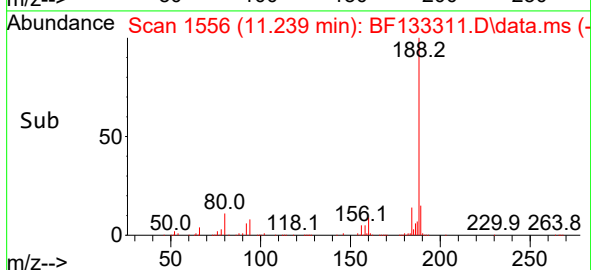
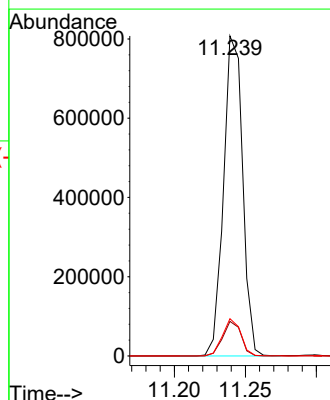
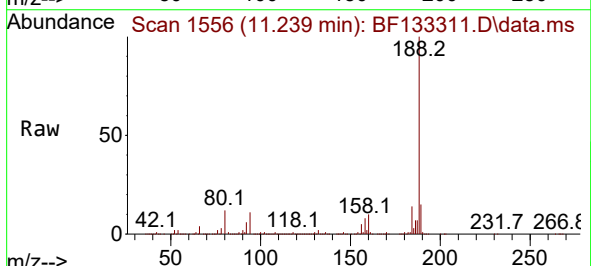
Tgt Ion:188 Resp: 752646

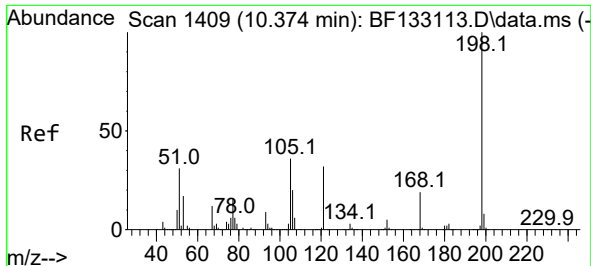
Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.7 10.4 15.6

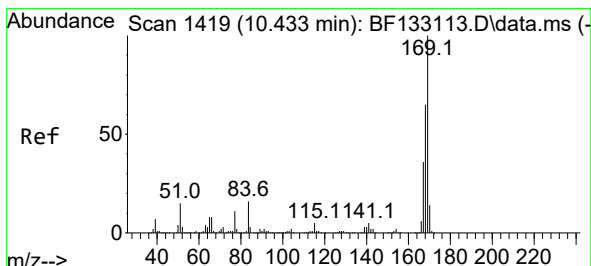
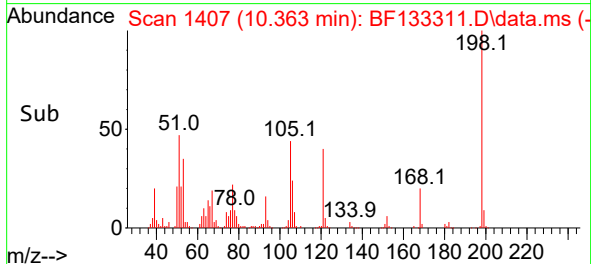
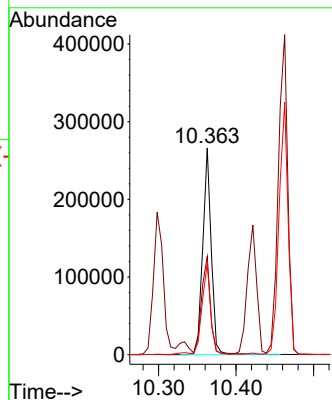
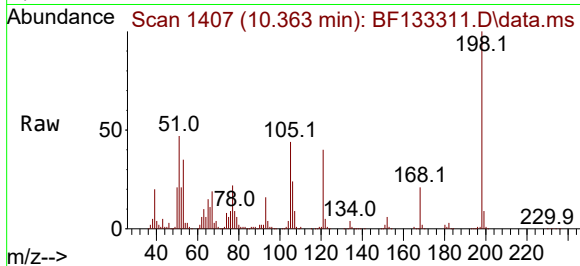




#65
4,6-Dinitro-2-methylphenol
Concen: 44.615 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

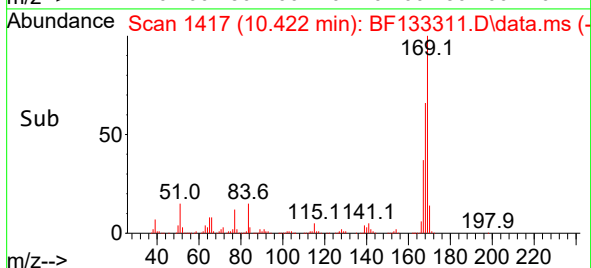
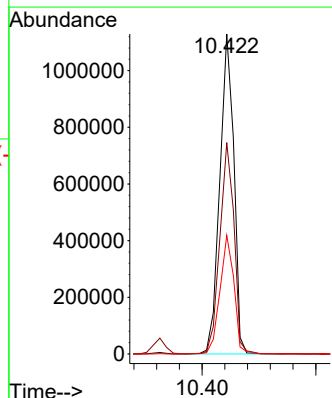
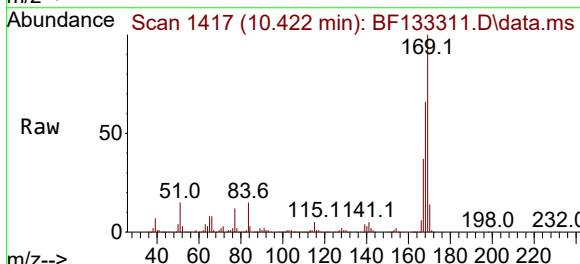
Instrument :
BNA_F
ClientSampleId :
PB152628BS

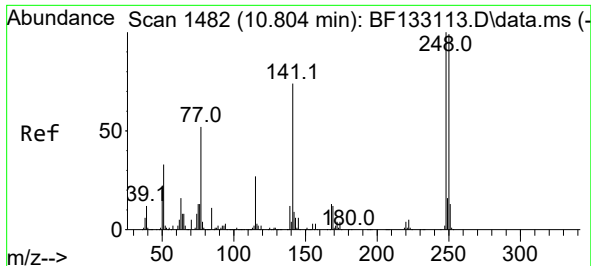
Tgt Ion:198 Resp: 203532
Ion Ratio Lower Upper
198 100
51 47.4 15.5 55.5
105 44.1 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.781 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:169 Resp: 971204
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 37.0 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 39.692 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

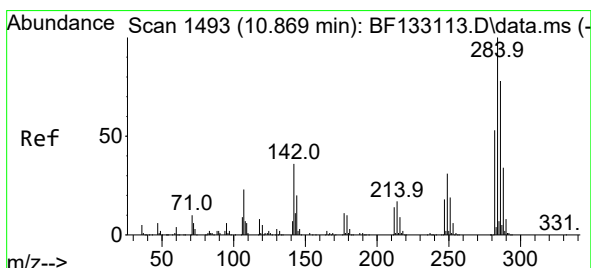
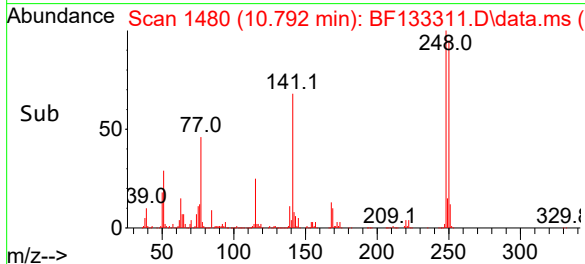
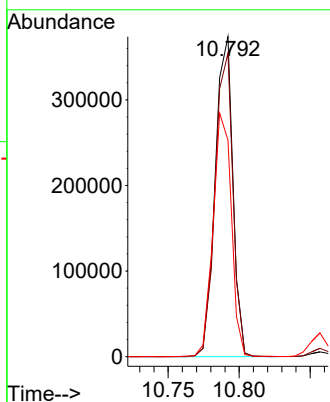
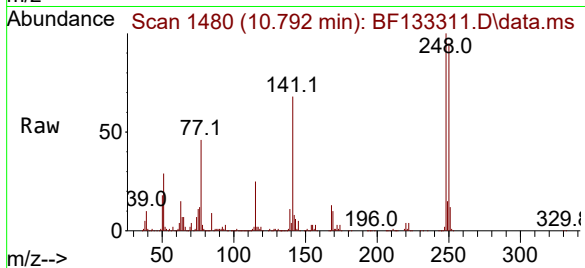
Tgt Ion:248 Resp: 324004

Ion Ratio Lower Upper

248 100

250 94.8 78.7 118.1

141 67.6 56.3 84.5



#68

Hexachlorobenzene

Concen: 41.381 ng

RT: 10.857 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

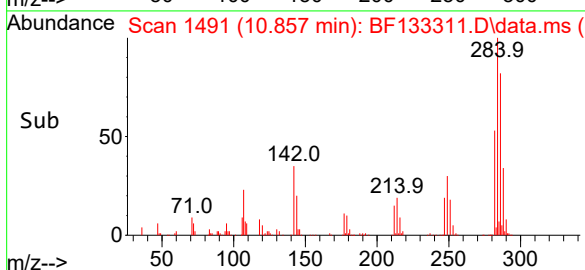
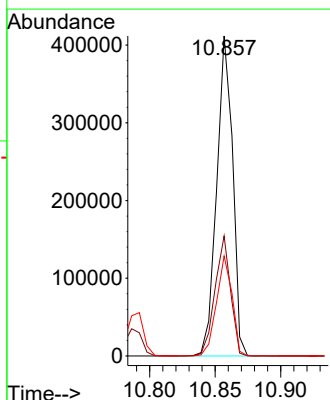
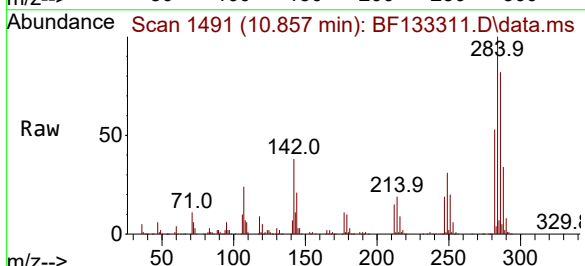
Tgt Ion:284 Resp: 346129

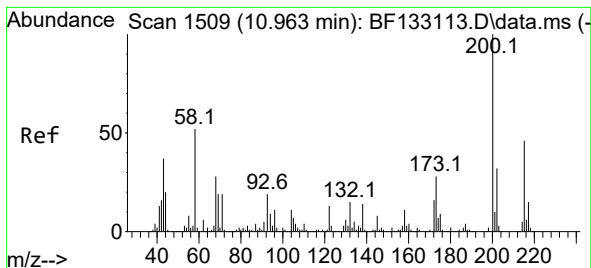
Ion Ratio Lower Upper

284 100

142 37.5 26.0 39.0

249 31.3 23.7 35.5





#69

Atrazine

Concen: 47.952 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

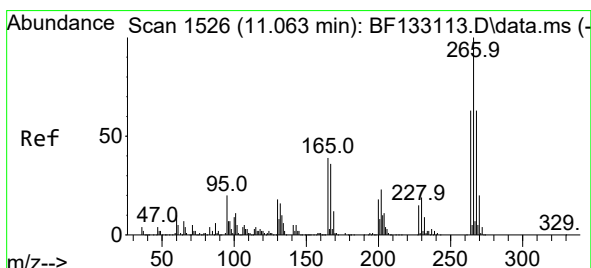
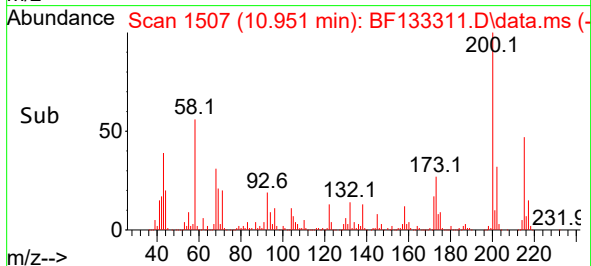
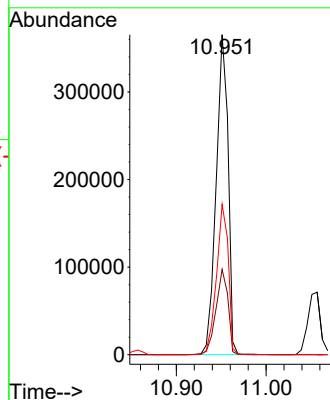
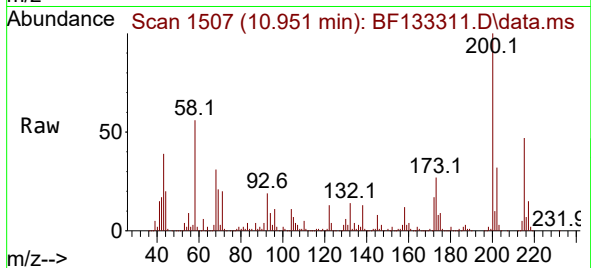
Tgt Ion:200 Resp: 337330

Ion Ratio Lower Upper

200 100

173 26.6 6.2 46.2

215 47.0 26.3 66.3



#70

Pentachlorophenol

Concen: 68.436 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

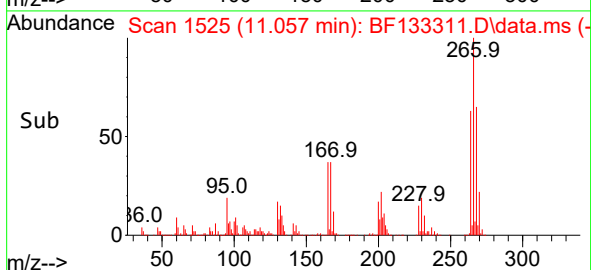
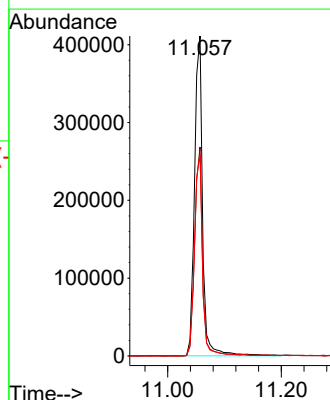
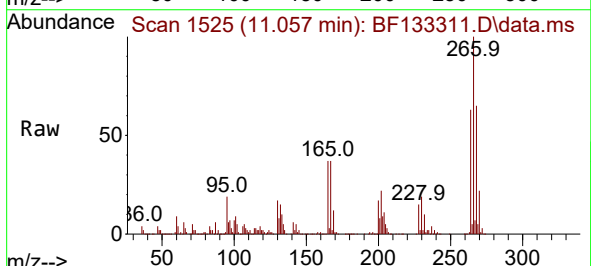
Tgt Ion:266 Resp: 407677

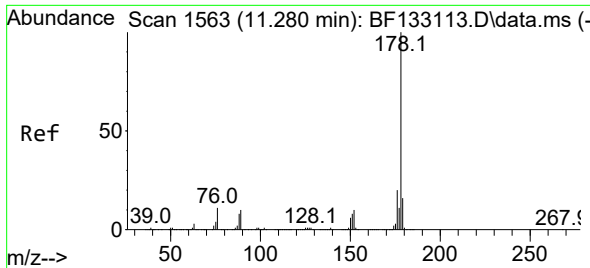
Ion Ratio Lower Upper

266 100

268 65.3 48.8 73.2

264 62.9 50.6 76.0

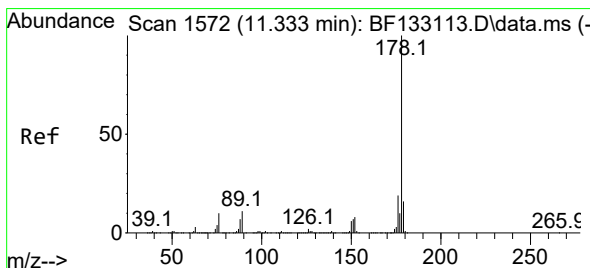
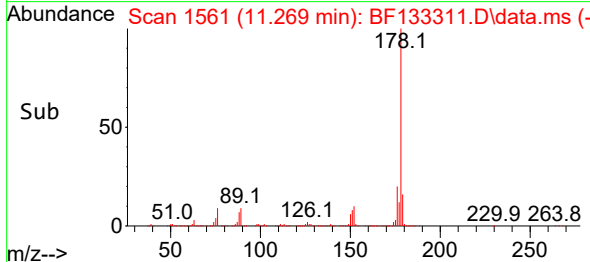
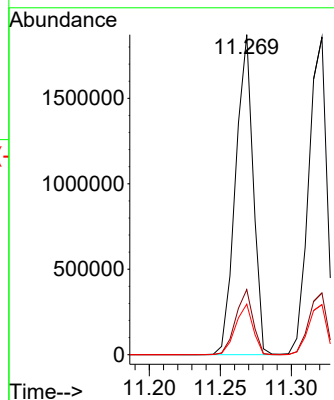
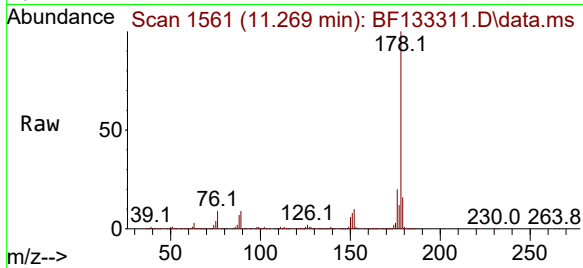




#71
Phenanthrene
Concen: 39.857 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

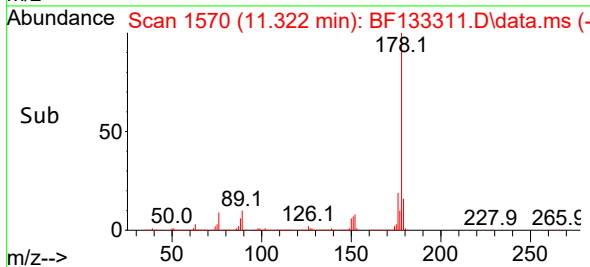
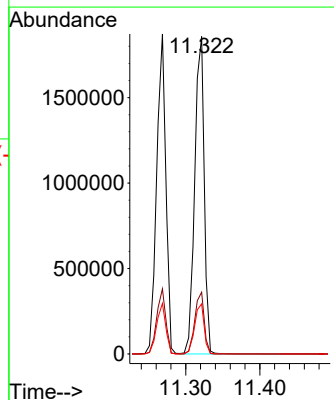
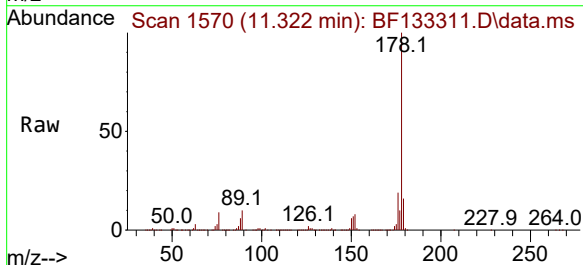
Instrument :
BNA_F
ClientSampleId :
PB152628BS

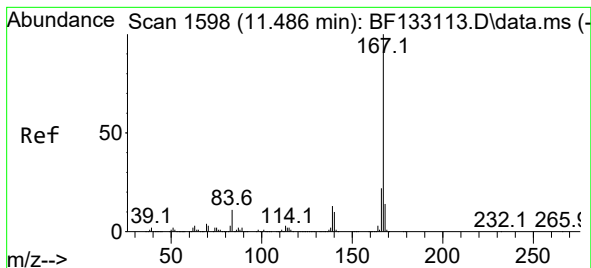
Tgt Ion:178 Resp: 1612315
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 39.938 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:178 Resp: 1653385
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.8 12.4 18.6





#73

Carbazole

Concen: 40.729 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

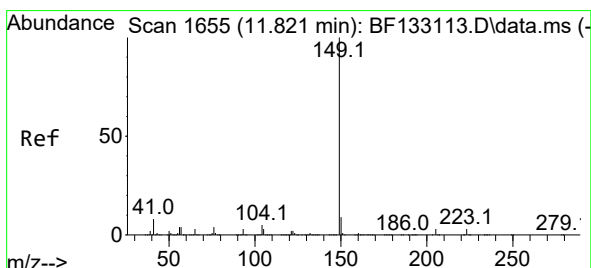
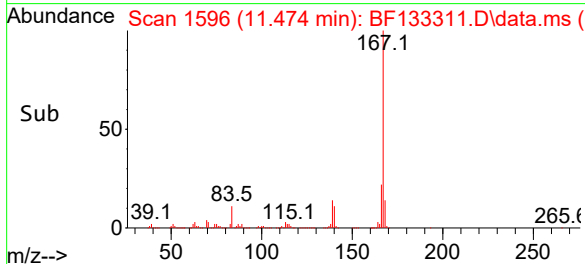
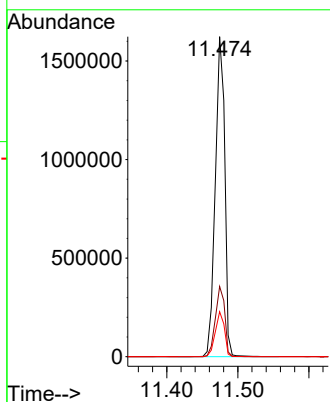
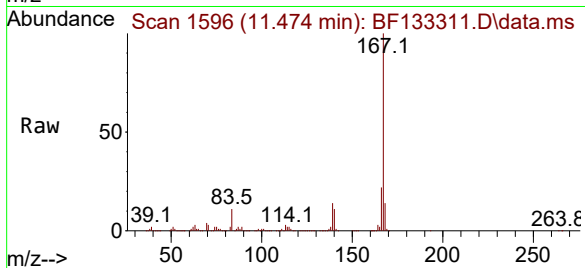
Tgt Ion:167 Resp: 1501368

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.500 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

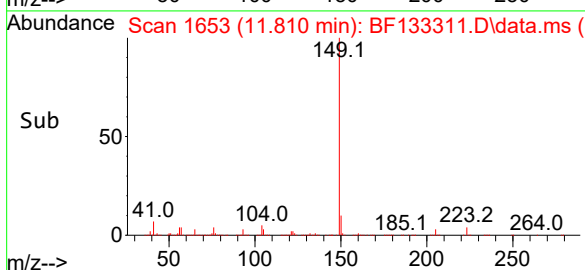
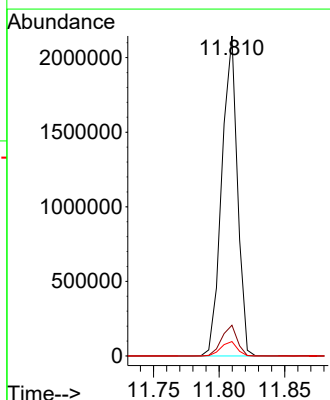
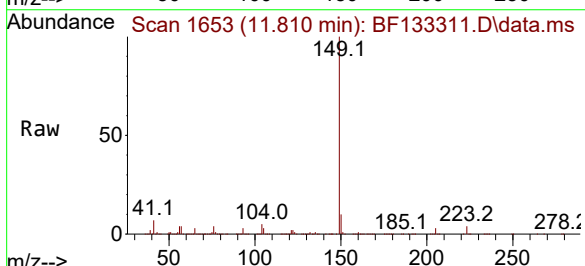
Tgt Ion:149 Resp: 1772907

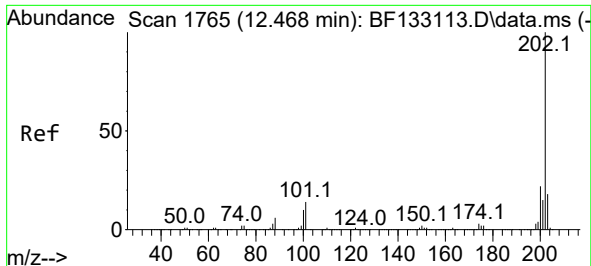
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

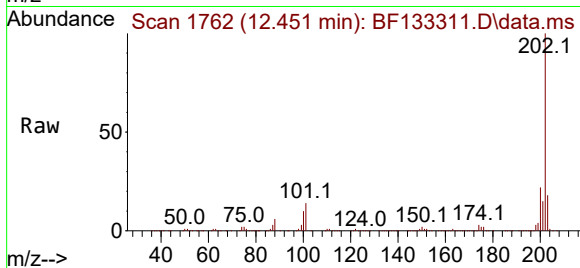
104 4.5 4.0 6.0



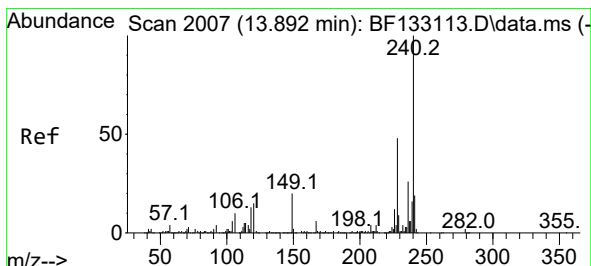
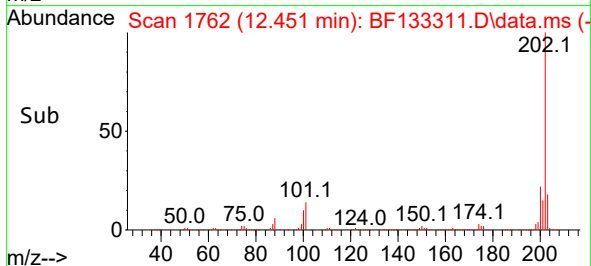
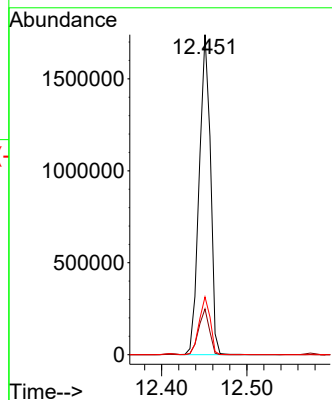


#75
Fluoranthene
Concen: 39.132 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :
BNA_F
ClientSampleId :
PB152628BS

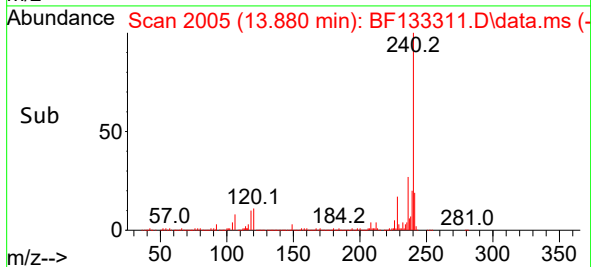
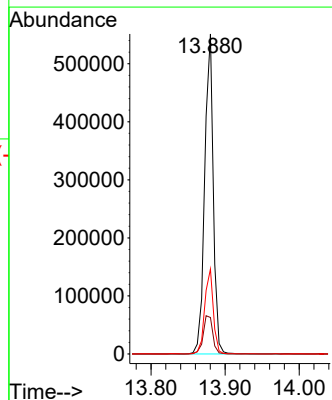
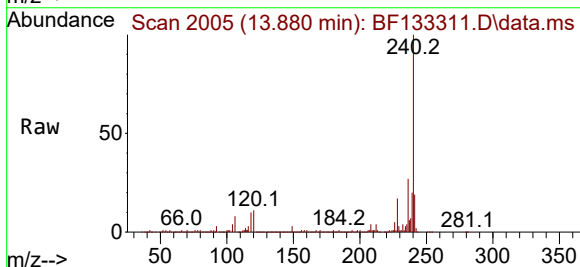


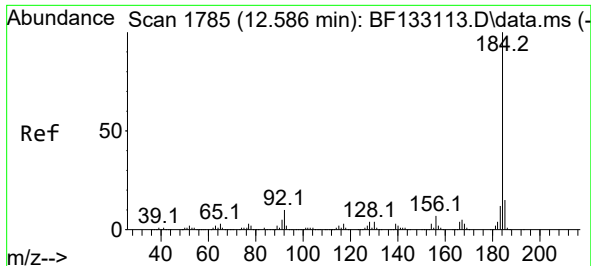
Tgt Ion:202 Resp: 1588715
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:240 Resp: 443796
Ion Ratio Lower Upper
240 100
120 11.4 10.5 15.7
236 26.6 21.5 32.3

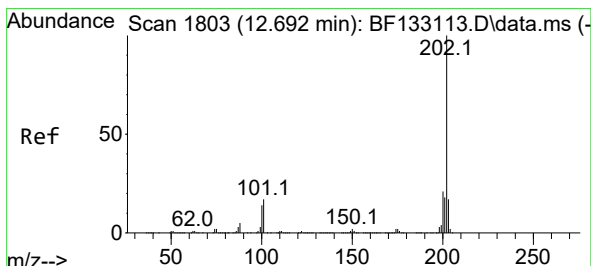
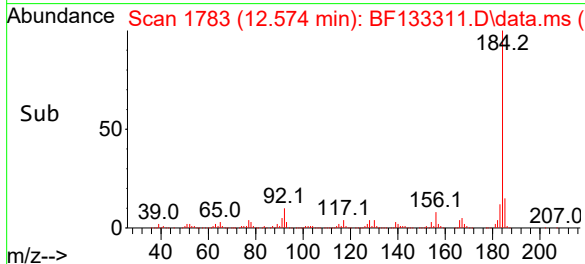
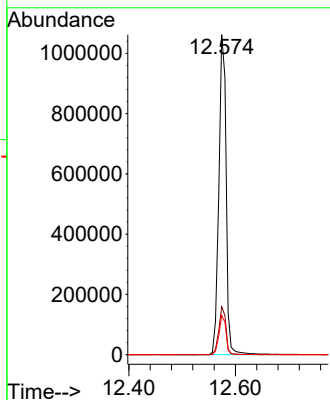
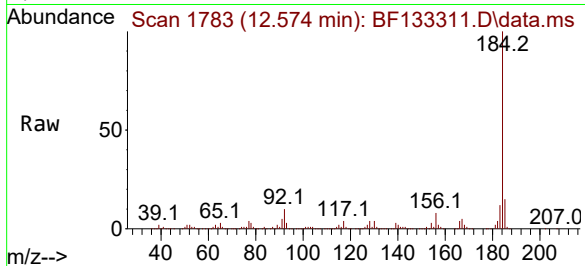




#77
Benzidine
Concen: 134.010 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

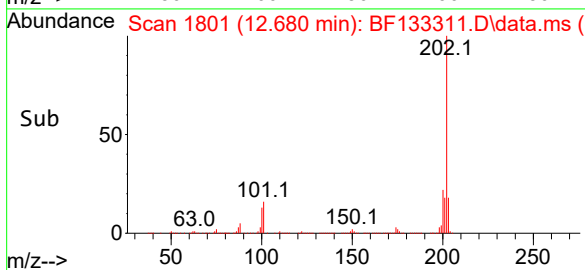
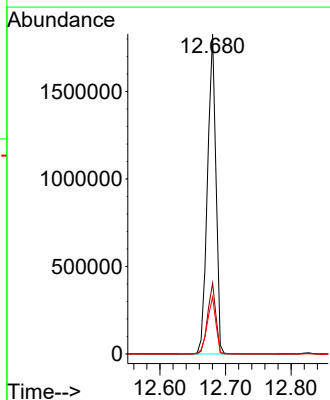
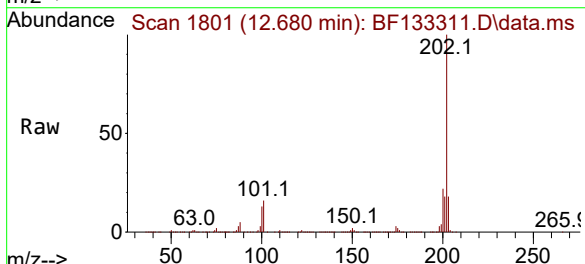
Instrument :
BNA_F
ClientSampleId :
PB152628BS

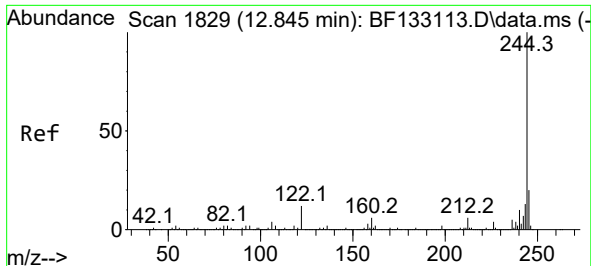
Tgt Ion:184 Resp: 1005718
Ion Ratio Lower Upper
184 100
185 15.0 15.4 23.2#
183 12.2 9.4 14.0



#78
Pyrene
Concen: 43.069 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

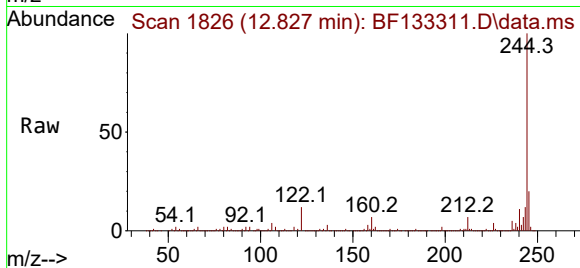
Tgt Ion:202 Resp: 1638510
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 17.7 14.1 21.1



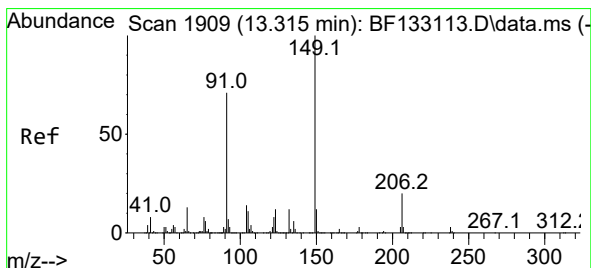
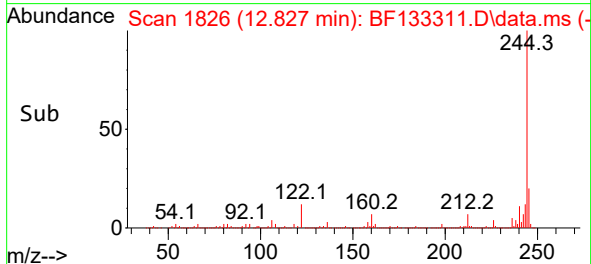
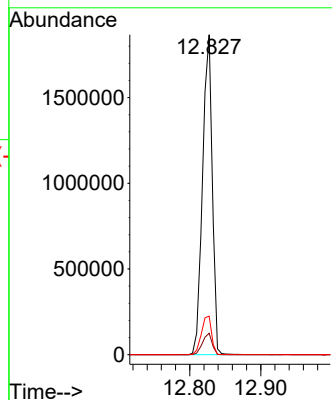


#79
 Terphenyl-d14
 Concen: 69.173 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS

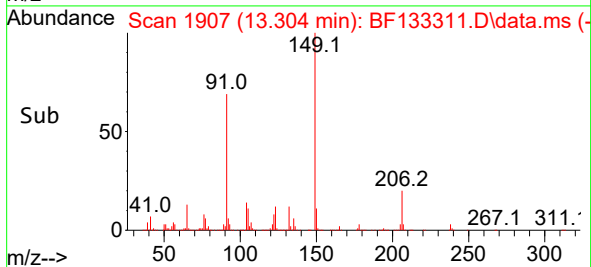
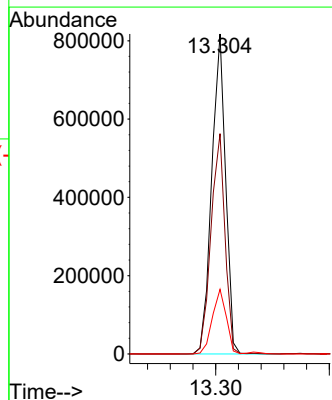
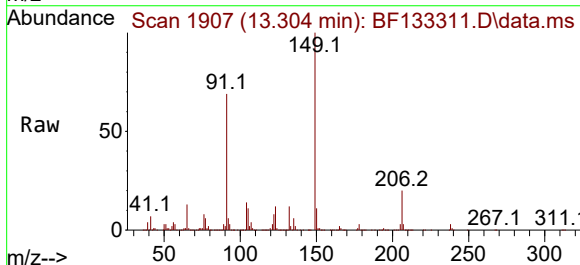


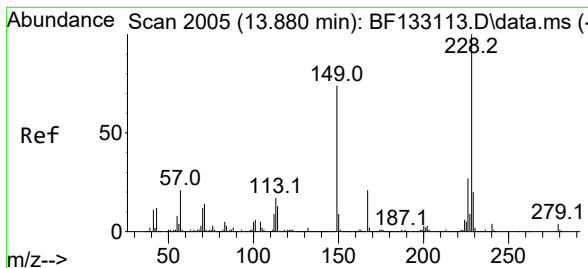
Tgt Ion:244 Resp: 1779986
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.1 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 51.326 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Tgt Ion:149 Resp: 691378
 Ion Ratio Lower Upper
 149 100
 91 68.9 53.8 80.6
 206 20.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 39.187 ng

RT: 13.868 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

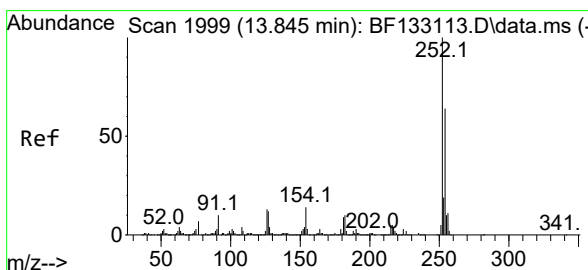
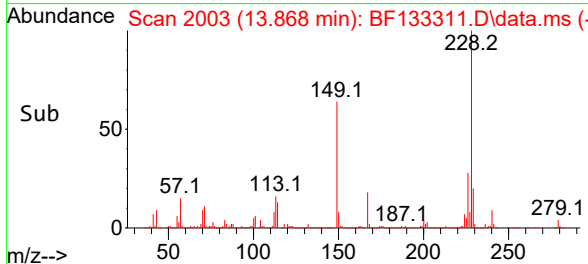
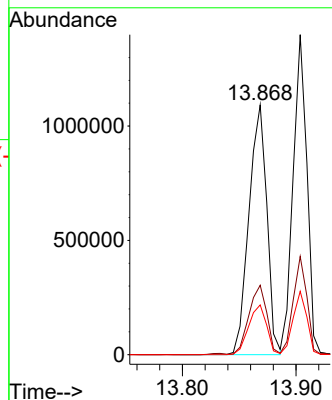
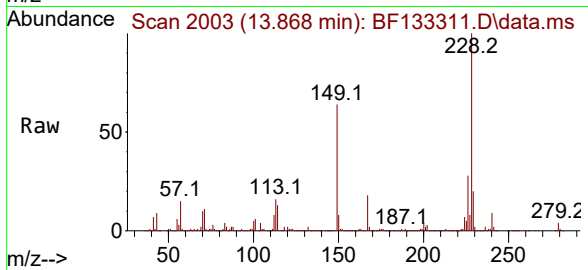
Tgt Ion:228 Resp: 1195913

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.938 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

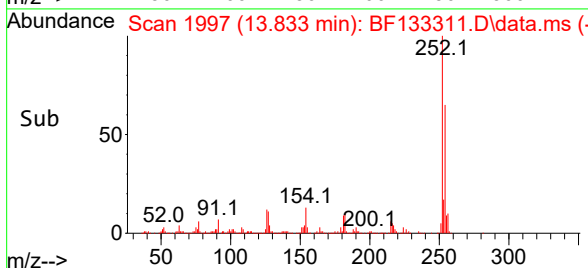
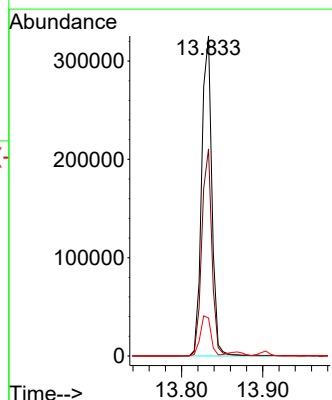
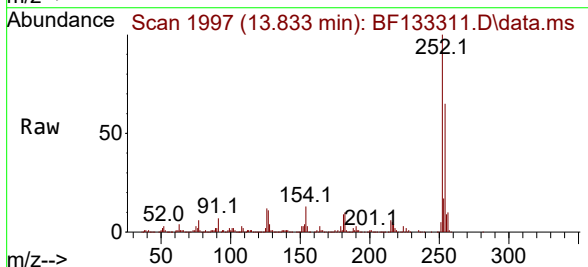
Tgt Ion:252 Resp: 286120

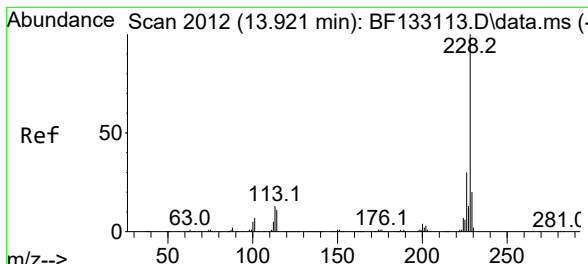
Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 11.8 9.5 14.3





#83

Chrysene

Concen: 38.739 ng

RT: 13.904 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

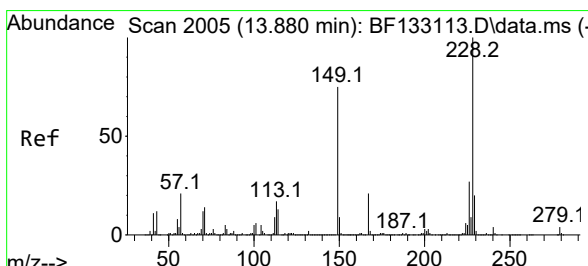
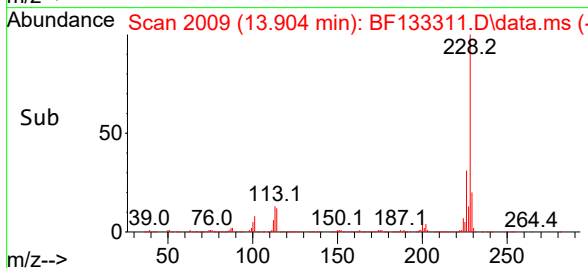
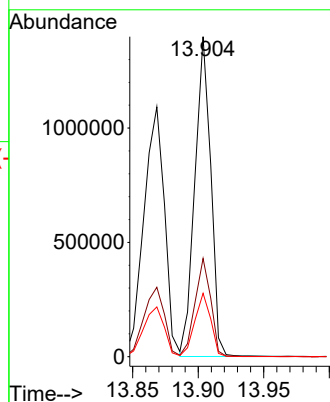
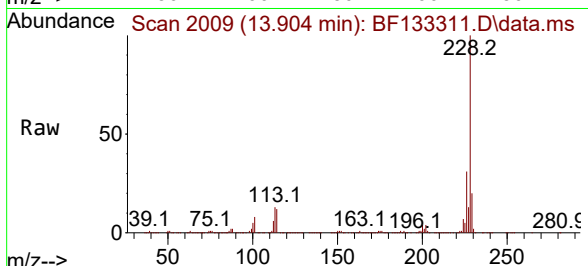
Tgt Ion:228 Resp: 1181959

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.823 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

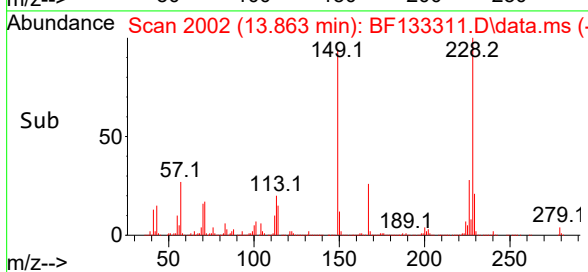
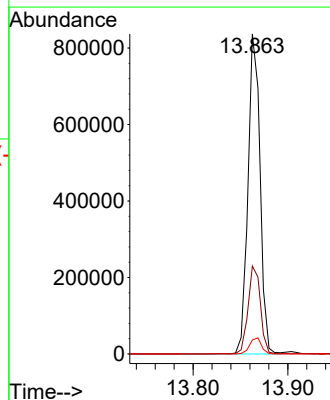
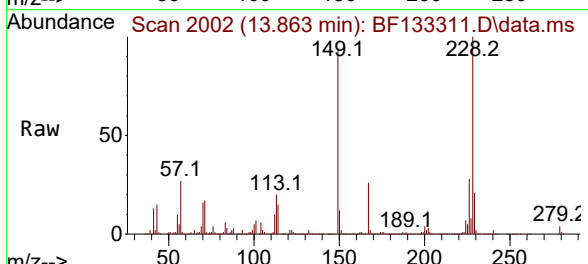
Tgt Ion:149 Resp: 740946

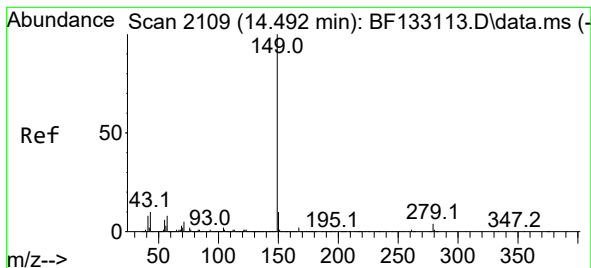
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.535 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

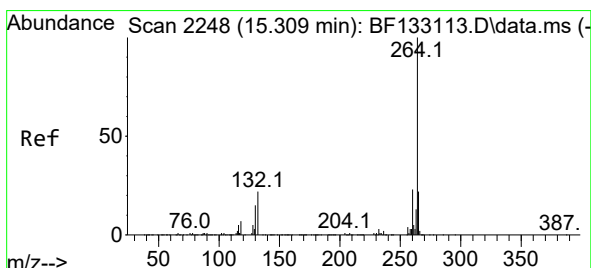
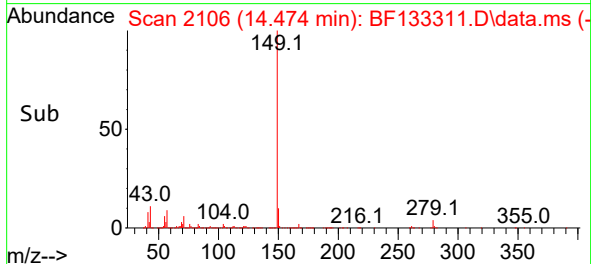
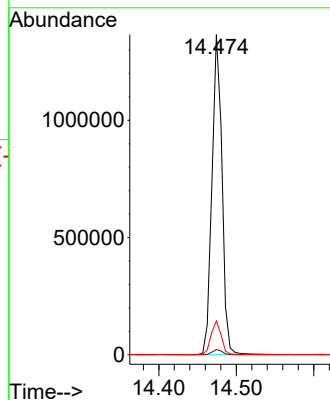
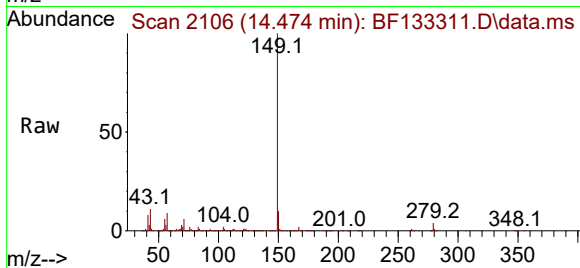
Tgt Ion:149 Resp: 1227783

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

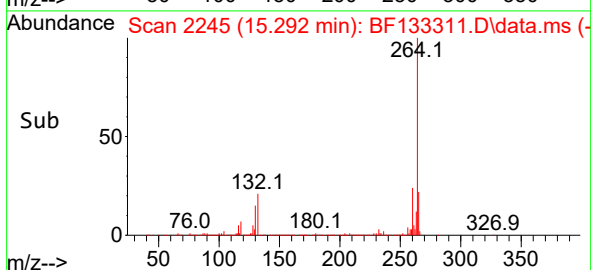
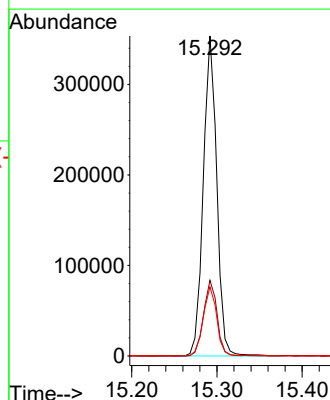
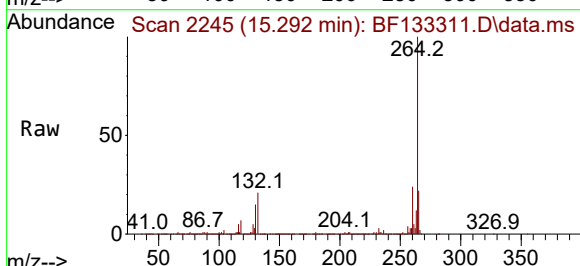
Tgt Ion:264 Resp: 387302

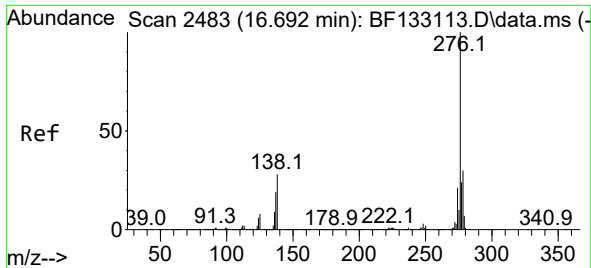
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 17.0 25.4

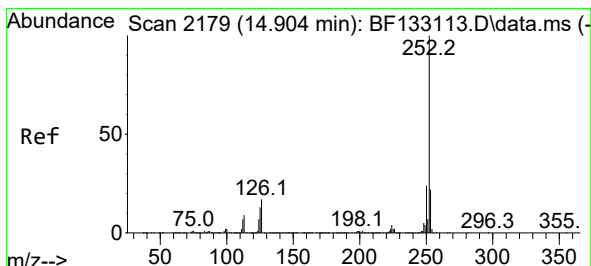
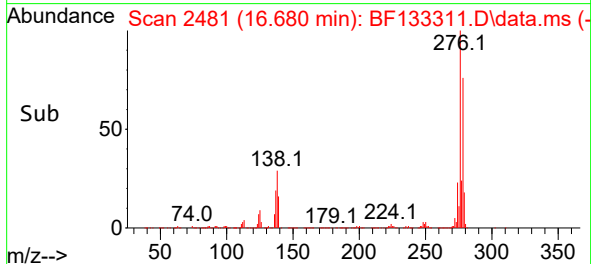
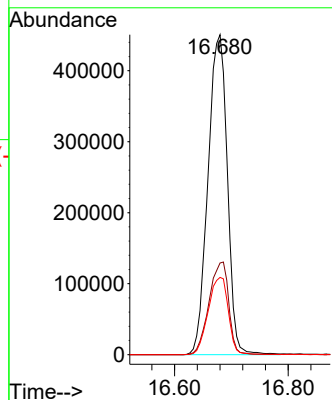
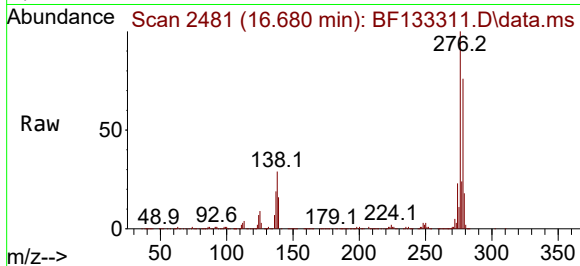




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.408 ng
 RT: 16.680 min Scan# 2483
 Delta R.T. 0.006 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

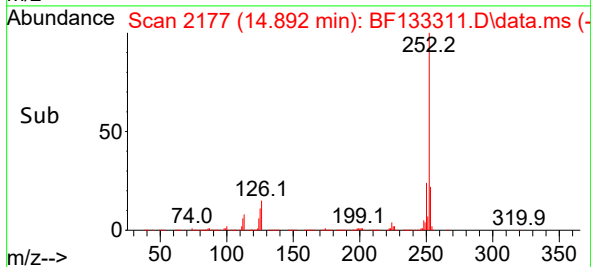
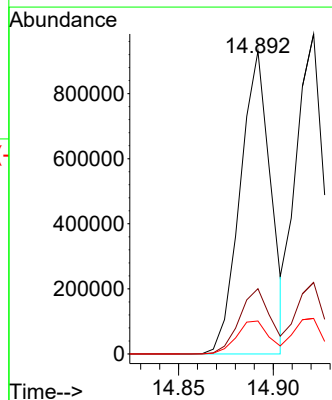
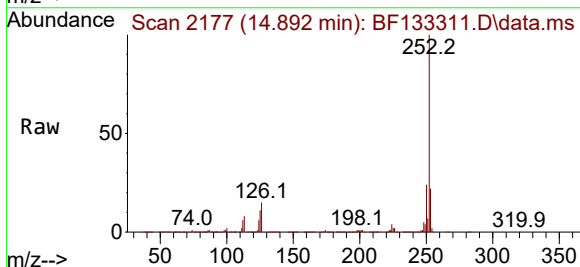
Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS

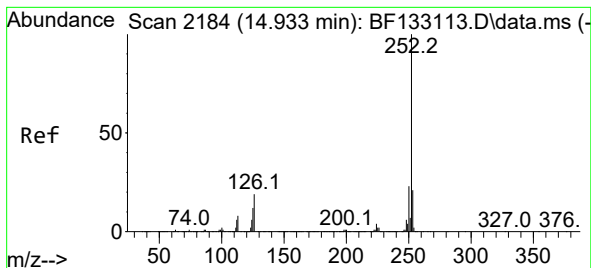
Tgt Ion:276 Resp: 1066448
 Ion Ratio Lower Upper
 276 100
 138 29.6 25.5 38.3
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.367 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Tgt Ion:252 Resp: 1043910
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.6 26.4
 125 10.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.913 ng

RT: 14.921 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

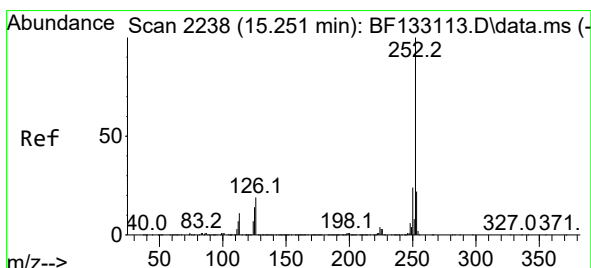
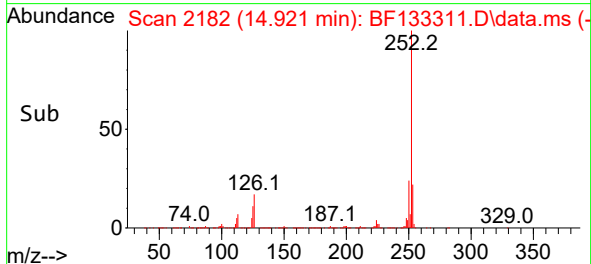
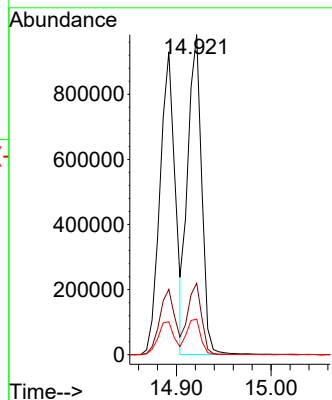
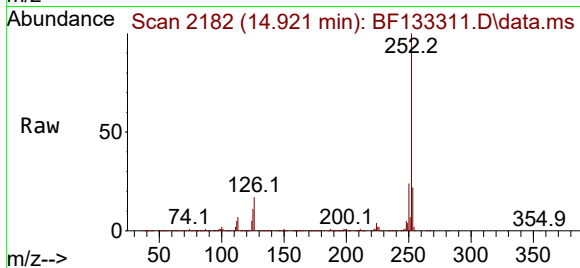
Tgt Ion:252 Resp: 999312

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.1 9.0 13.4



#90

Benzo(a)pyrene

Concen: 39.454 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

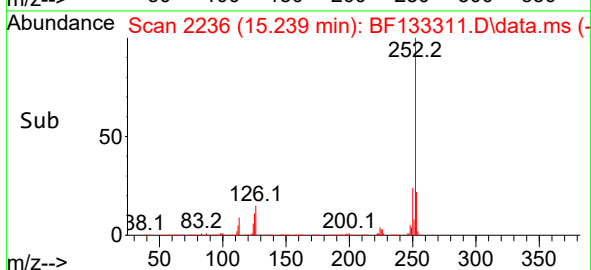
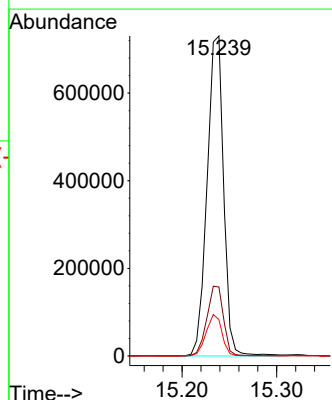
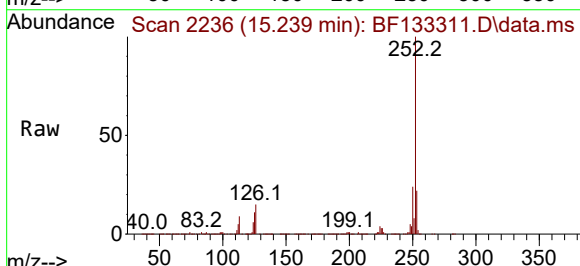
Tgt Ion:252 Resp: 884844

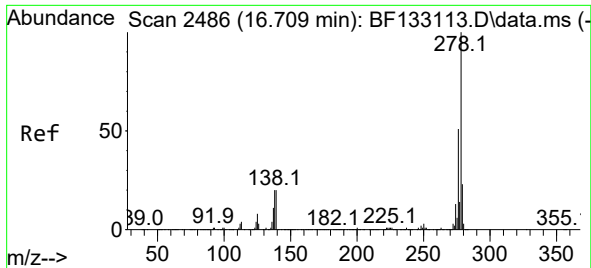
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 11.4 10.5 15.7

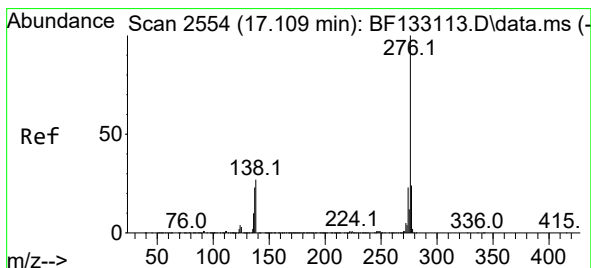
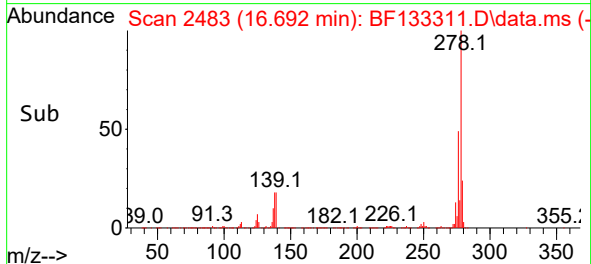
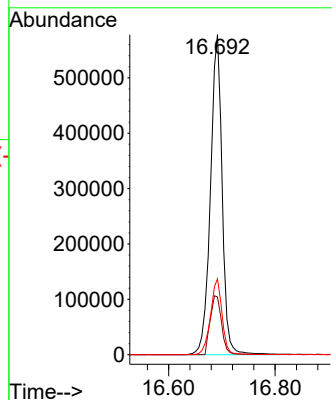
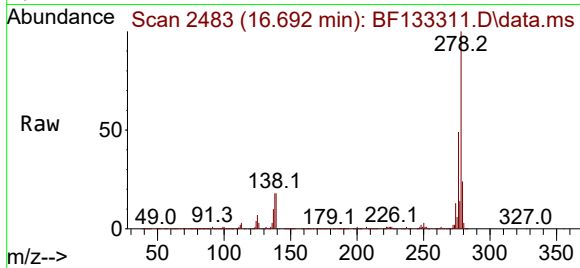




#91
Dibenzo(a,h)anthracene
Concen: 48.154 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :
BNA_F
ClientSampleId :
PB152628BS

Tgt Ion:278 Resp: 884815
Ion Ratio Lower Upper
278 100
139 18.1 16.6 24.8
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.589 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:276 Resp: 881417
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 25.4 22.7 34.1

