

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133806.D
 Acq On : 16 Jun 2023 14:43
 Operator : CG\JU
 Sample : PB153422BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153422BS

Quant Time: Jun 16 15:16:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	101049	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	396754	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	198932	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	411743	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261332	20.000	ng	0.00
86) Perylene-d12	15.557	264	236897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	817228	140.794	ng	0.01
7) Phenol-d6	6.504	99	986353	130.550	ng	0.00
23) Nitrobenzene-d5	7.428	82	667262	91.602	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	321382	127.628	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1205067	86.111	ng	0.00
79) Terphenyl-d14	12.992	244	1580943	93.608	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	96626	37.865	ng	97
3) Pyridine	3.493	79	267731	35.996	ng	97
4) n-Nitrosodimethylamine	3.451	42	187337	45.565	ng	96
6) Aniline	6.528	93	434692	45.679	ng	99
8) 2-Chlorophenol	6.651	128	316033	51.665	ng	97
9) Benzaldehyde	6.416	77	161362	32.191	ng	97
10) Phenol	6.516	94	380917	48.283	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	291343	49.743	ng	99
12) 1,3-Dichlorobenzene	6.804	146	335171	51.284	ng	97
13) 1,4-Dichlorobenzene	6.881	146	339351	51.373	ng	98
14) 1,2-Dichlorobenzene	7.034	146	329968	55.282	ng	97
15) Benzyl Alcohol	7.010	79	283077	47.971	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	536468	54.034	ng	98
17) 2-Methylphenol	7.116	107	262148	48.351	ng	99
18) Hexachloroethane	7.375	117	126583	55.975	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	221784	46.137	ng	99
20) 3+4-Methylphenols	7.269	107	310916	44.082	ng	93
22) Acetophenone	7.275	105	435361	47.843	ng	98
24) Nitrobenzene	7.451	77	344234	46.931	ng	97
25) Isophorone	7.686	82	616300	46.085	ng	98
26) 2-Nitrophenol	7.763	139	166661	50.629	ng	95
27) 2,4-Dimethylphenol	7.798	122	279763	49.308	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	364294	47.132	ng	99
29) 2,4-Dichlorophenol	8.004	162	262005	47.117	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	283590	48.881	ng	98
31) Naphthalene	8.169	128	889593	46.022	ng	99
32) Benzoic acid	7.922	122	197979	55.327	ng	95
33) 4-Chloroaniline	8.216	127	282648	34.198	ng	98
34) Hexachlorobutadiene	8.281	225	174489	45.936	ng	98
35) Caprolactam	8.586	113	57713	30.844	ng	91
36) 4-Chloro-3-methylphenol	8.698	107	298714	46.604	ng	100
37) 2-Methylnaphthalene	8.857	142	609356	45.371	ng	99
38) 1-Methylnaphthalene	8.957	142	563293	45.578	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	286150	47.316	ng	98
41) Hexachlorocyclopentadiene	9.010	237	339884	126.114	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	192835	47.716	ng	97

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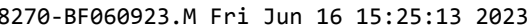
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	214097	45.537	ng	98
46) 1,1'-Biphenyl	9.322	154	759145	47.316	ng	99
47) 2-Chloronaphthalene	9.345	162	562098	48.841	ng	99
48) 2-Nitroaniline	9.445	65	183787	43.665	ng	96
49) Acenaphthylene	9.763	152	933658	46.611	ng	99
50) Dimethylphthalate	9.627	163	628992	42.360	ng	99
51) 2,6-Dinitrotoluene	9.686	165	147112	47.999	ng	# 75
52) Acenaphthene	9.939	154	550195	46.926	ng	99
53) 3-Nitroaniline	9.857	138	144360	38.705	ng	87
54) 2,4-Dinitrophenol	9.969	184	159682	104.716	ng	98
55) Dibenzofuran	10.110	168	762987	42.647	ng	98
56) 4-Nitrophenol	10.022	139	260049	103.309	ng	# 79
57) 2,4-Dinitrotoluene	10.092	165	182670	46.863	ng	94
58) Fluorene	10.451	166	610540	44.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	162629	46.201	ng	96
60) Diethylphthalate	10.327	149	655479	43.374	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	290247	42.972	ng	99
62) 4-Nitroaniline	10.480	138	162590	44.460	ng	97
63) Azobenzene	10.604	77	668938	46.758	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	100298	50.977	ng	83
66) n-Nitrosodiphenylamine	10.569	169	561497	40.598	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	191952	41.769	ng	93
68) Hexachlorobenzene	10.998	284	219593	45.440	ng	96
69) Atrazine	11.098	200	203706	50.763	ng	97
70) Pentachlorophenol	11.198	266	241719	83.530	ng	99
71) Phenanthrene	11.421	178	972068	46.533	ng	99
72) Anthracene	11.474	178	1009018	46.324	ng	99
73) Carbazole	11.627	167	962687	47.454	ng	99
74) Di-n-butylphthalate	11.957	149	1152194	44.303	ng	99
75) Fluoranthene	12.616	202	1090122	49.141	ng	99
77) Benzidine	12.739	184	695507	79.312	ng	100
78) Pyrene	12.845	202	1116792	45.875	ng	99
80) Butylbenzylphthalate	13.468	149	457168	44.484	ng	100
81) Benzo(a)anthracene	14.045	228	847229	46.869	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	260126	43.284	ng	# 99
83) Chrysene	14.080	228	810814	47.424	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	617061	48.763	ng	98
85) Di-n-octyl phthalate	14.651	149	1021696	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	17.109	276	790767	48.519	ng	99
88) Benzo(b)fluoranthene	15.115	252	738478	51.317	ng	99
89) Benzo(k)fluoranthene	15.145	252	709726	50.630	ng	99
90) Benzo(a)pyrene	15.498	252	629465	47.132	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	649702	48.152	ng	98
92) Benzo(g,h,i)perylene	17.592	276	656523	49.075	ng	97

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

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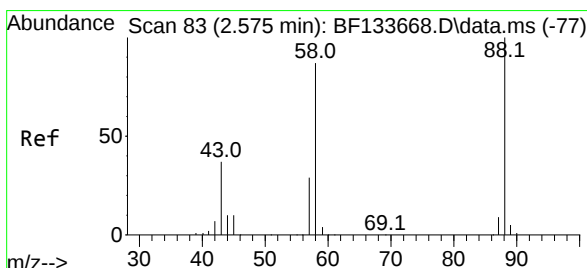
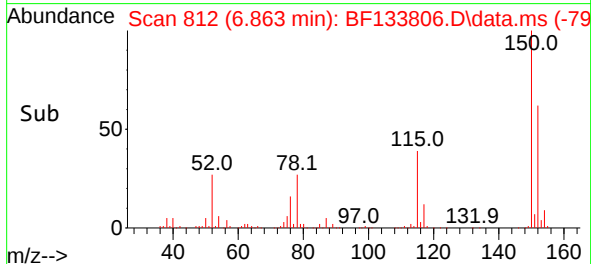
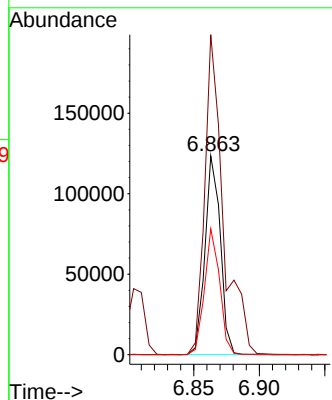
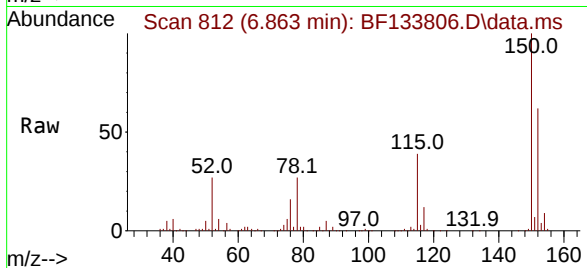




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

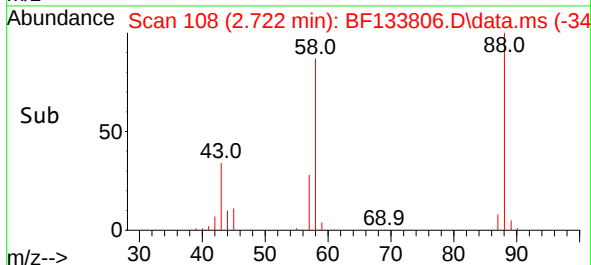
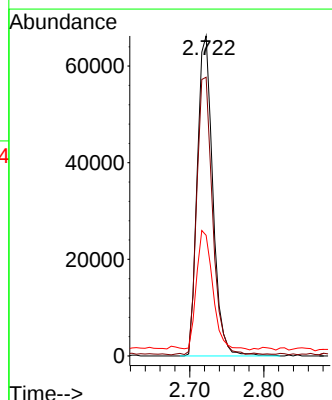
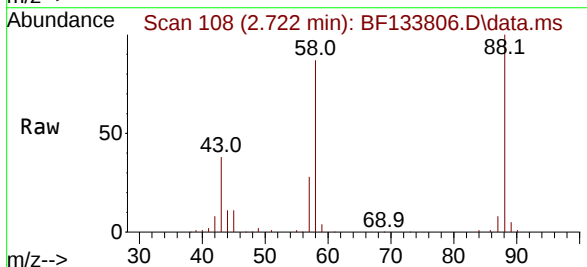
Instrument :
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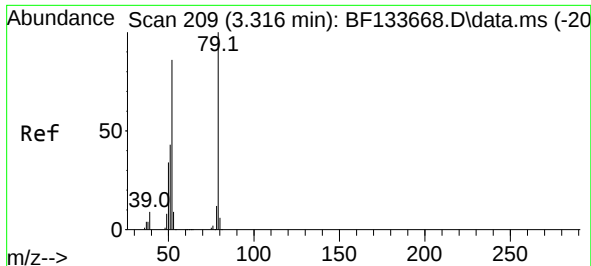
Tgt Ion:152 Resp: 101049
Ion Ratio Lower Upper
152 100
150 160.9 124.3 186.5
115 63.3 48.5 72.7



#2
1,4-Dioxane
Concen: 37.865 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.088 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 88 Resp: 96626
Ion Ratio Lower Upper
88 100
58 88.0 67.8 101.6
43 39.0 29.8 44.6

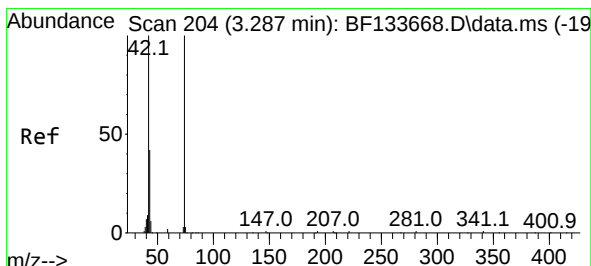
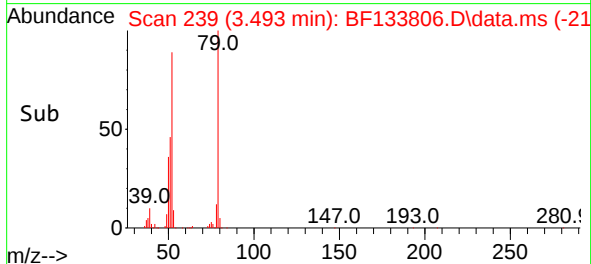
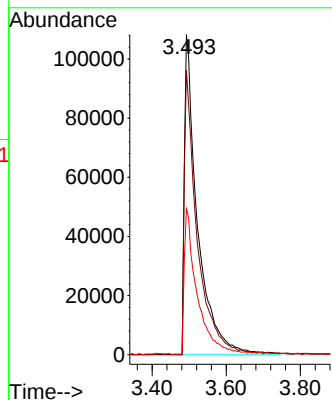
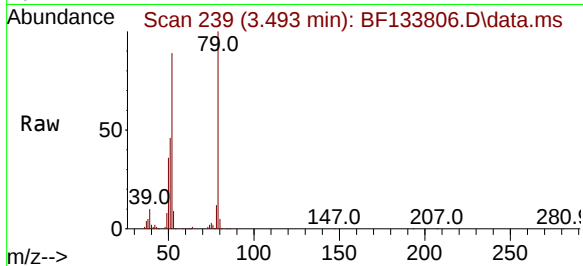




#3
Pyridine
Concen: 35.996 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

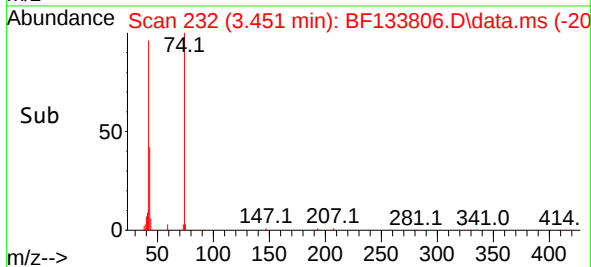
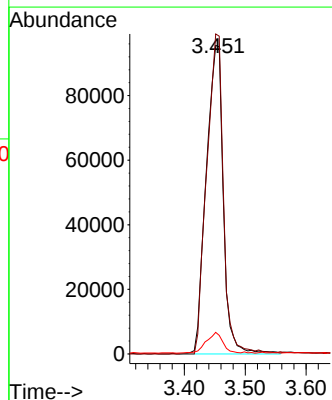
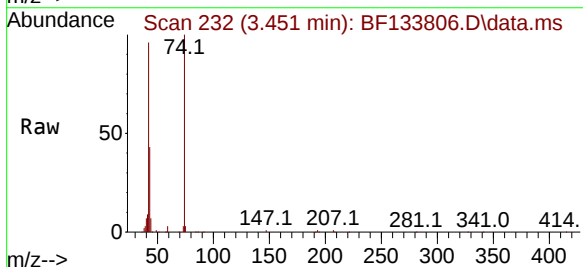
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion: 79 Resp: 267731
Ion Ratio Lower Upper
79 100
52 89.0 68.6 102.8
51 45.6 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 45.565 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.065 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 42 Resp: 187337
Ion Ratio Lower Upper
42 100
74 103.8 79.8 119.8
44 7.0 4.7 7.1

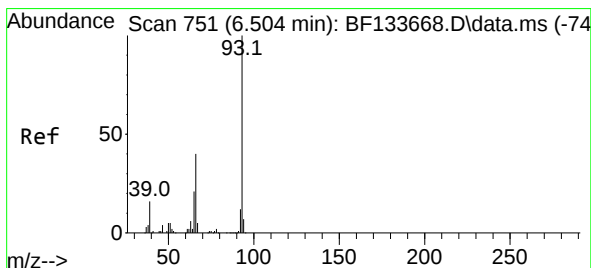
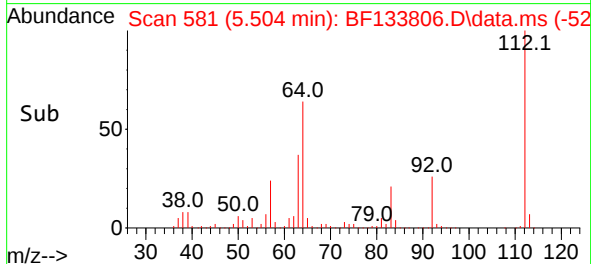
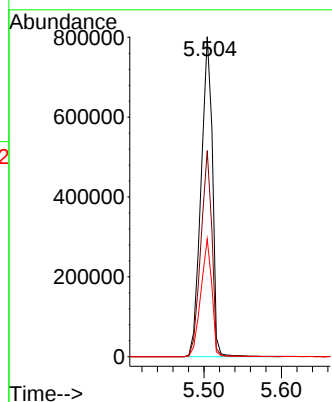
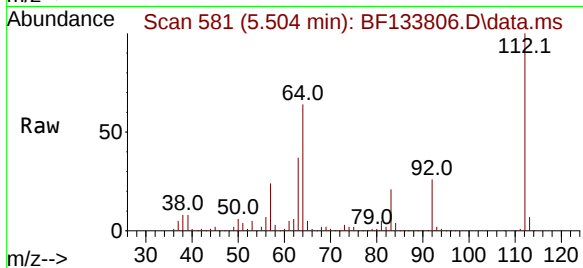




#5
2-Fluorophenol
Concen: 140.794 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

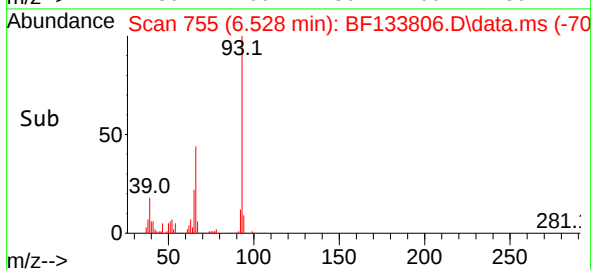
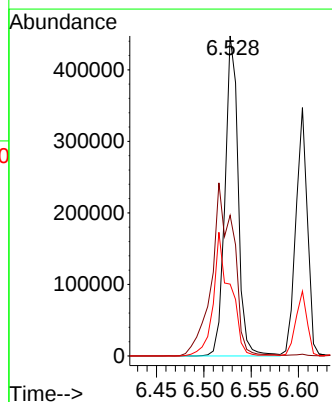
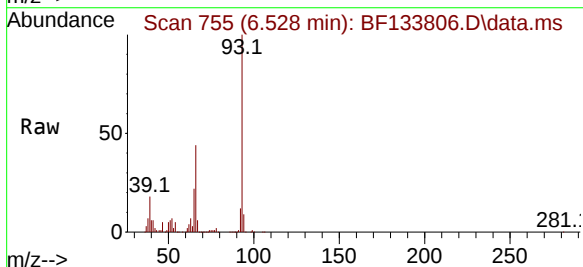
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:112 Resp: 817228
Ion Ratio Lower Upper
112 100
64 64.4 49.0 73.4
63 36.8 26.8 40.2



#6
Aniline
Concen: 45.679 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 93 Resp: 434692
Ion Ratio Lower Upper
93 100
66 44.0 34.4 51.6
65 22.5 17.5 26.3

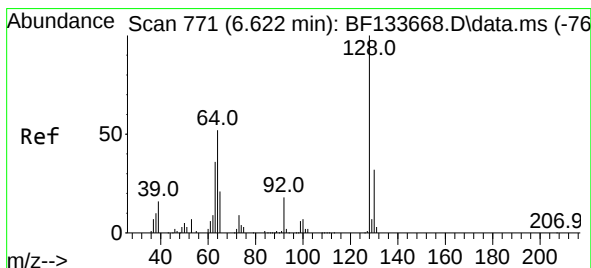
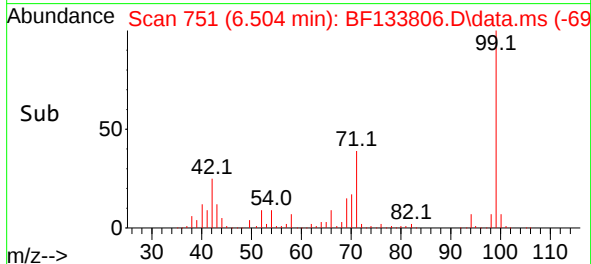
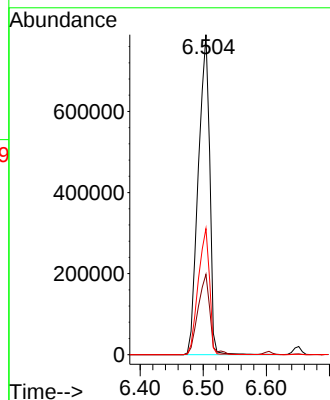
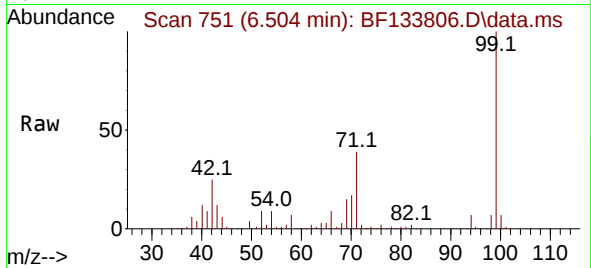




#7
Phenol-d6
Concen: 130.550 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

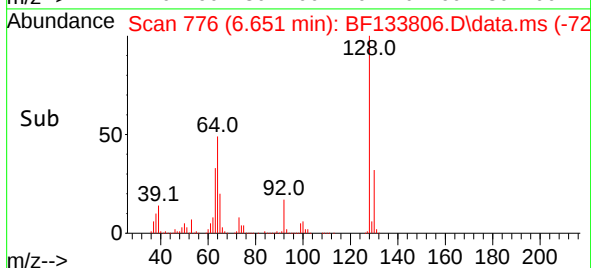
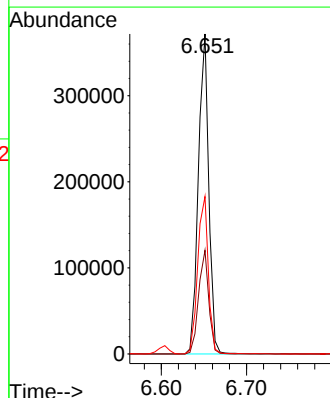
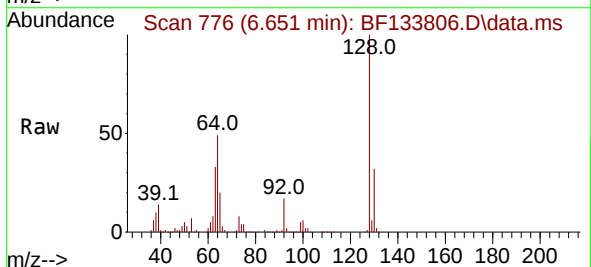
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ClientSampleId :
PB153422BS

Tgt Ion: 99 Resp: 986353
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 39.4 32.2 48.4



#8
2-Chlorophenol
Concen: 51.665 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 128 Resp: 316033
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 49.2 33.1 73.1

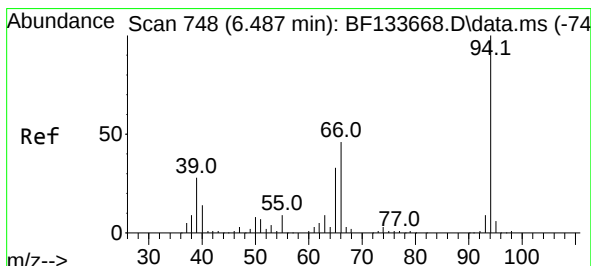
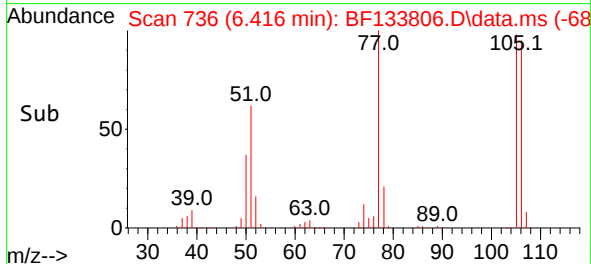
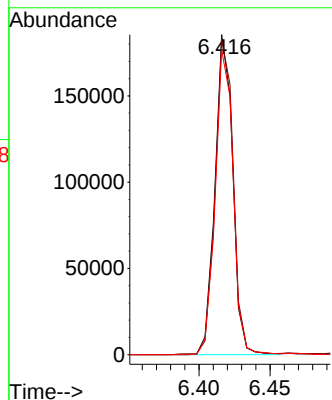
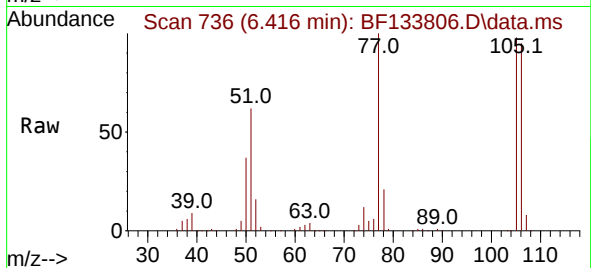




#9
Benzaldehyde
Concen: 32.191 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

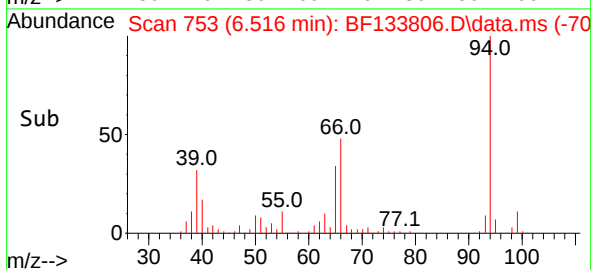
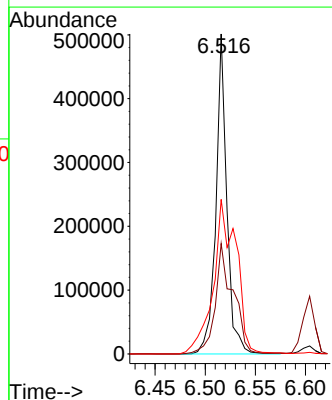
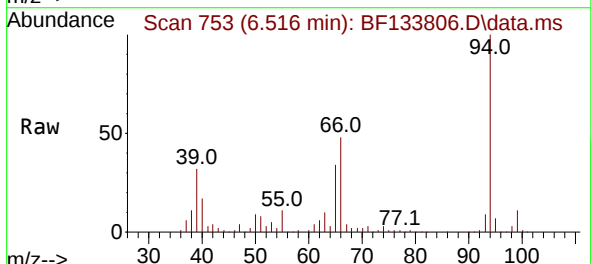
Instrument :
BNA_F
ClientSampleId :
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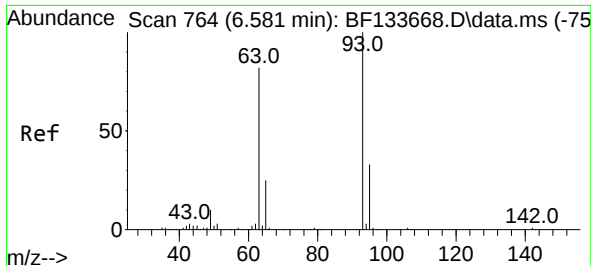
Tgt Ion: 77 Resp: 161362
Ion Ratio Lower Upper
77 100
105 98.5 82.0 122.0
106 95.2 77.6 117.6



#10
Phenol
Concen: 48.283 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 94 Resp: 380917
Ion Ratio Lower Upper
94 100
65 34.5 13.2 53.2
66 48.3 26.1 66.1

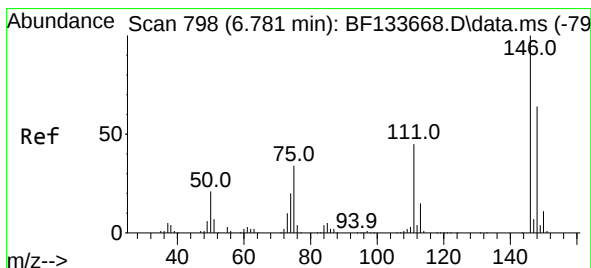
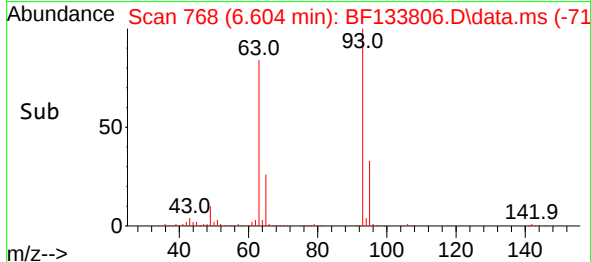
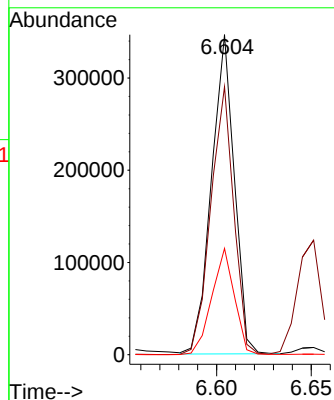
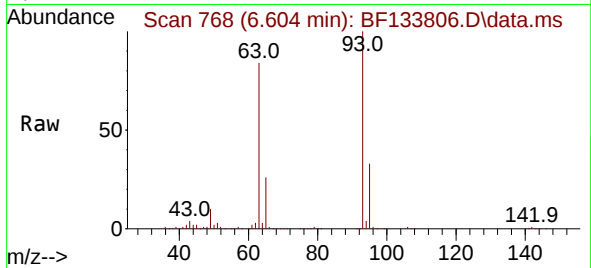




#11
bis(2-Chloroethyl)ether
Concen: 49.743 ng
RT: 6.604 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

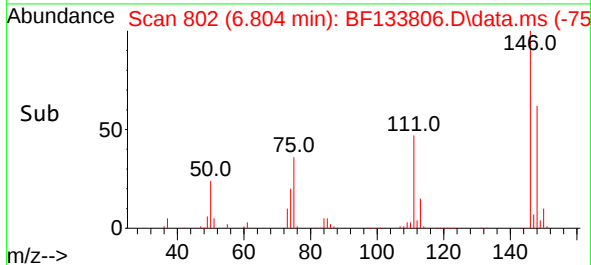
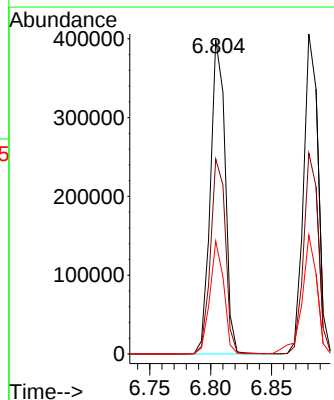
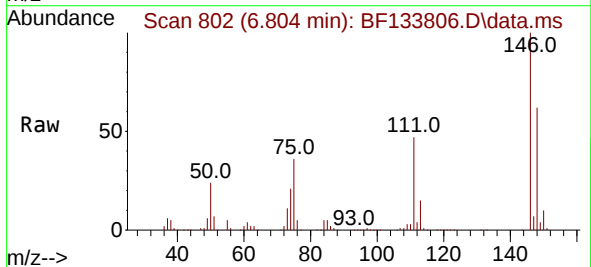
Instrument :
BNA_F
ClientSampleId :
PB153422BS

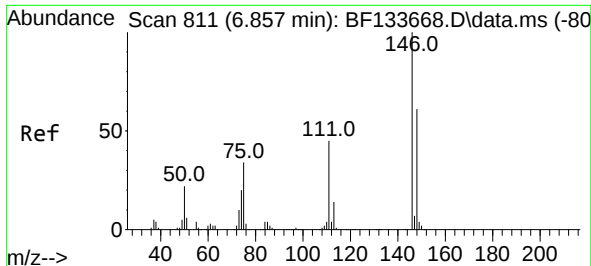
Tgt Ion: 93 Resp: 291343
Ion Ratio Lower Upper
93 100
63 83.8 62.1 102.1
95 33.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 51.284 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 146 Resp: 335171
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
75 35.9 27.1 40.7

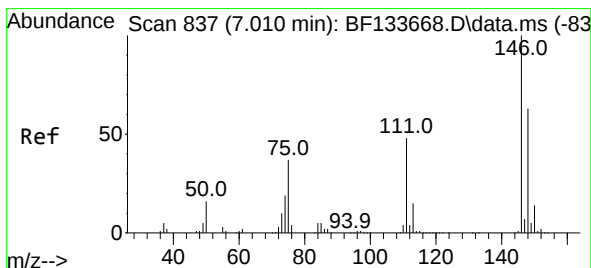
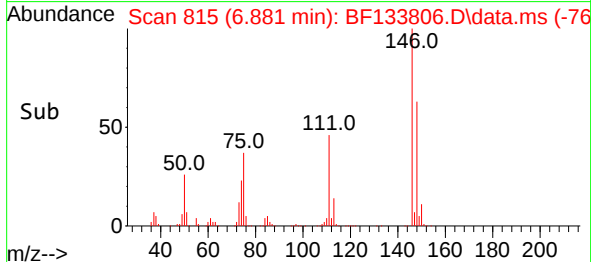
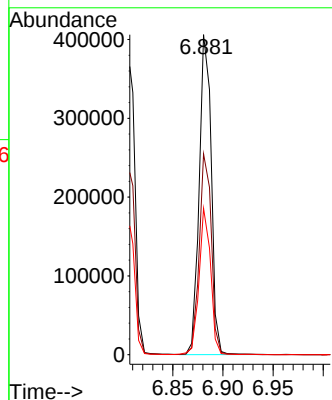
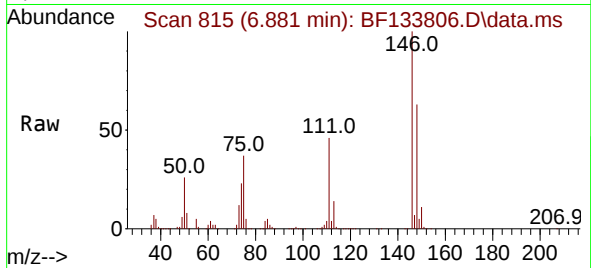




#13
1,4-Dichlorobenzene
Concen: 51.373 ng
RT: 6.881 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

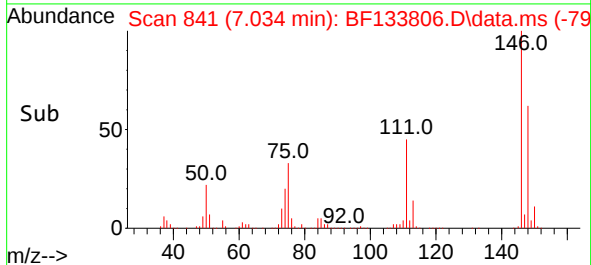
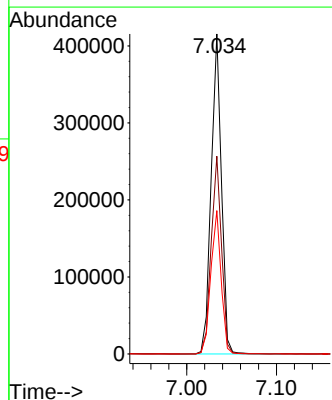
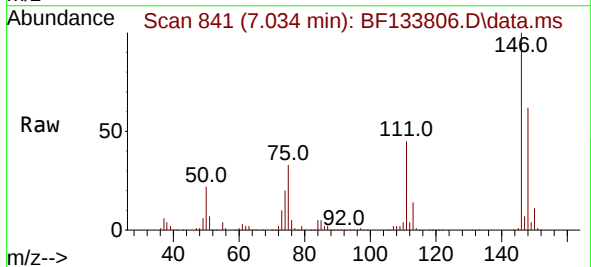
Instrument :
BNA_F
ClientSampleId :
PB153422BS

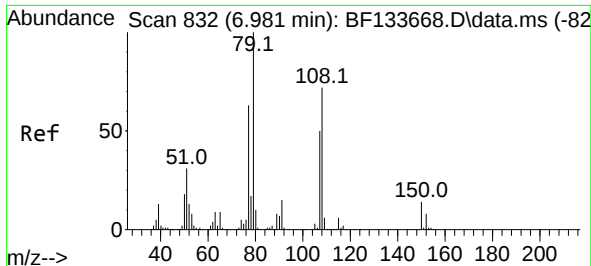
Tgt Ion:146 Resp: 339351
Ion Ratio Lower Upper
146 100
148 62.7 48.9 73.3
111 45.7 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 55.282 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:146 Resp: 329968
Ion Ratio Lower Upper
146 100
148 61.8 50.6 75.8
111 44.8 38.7 58.1

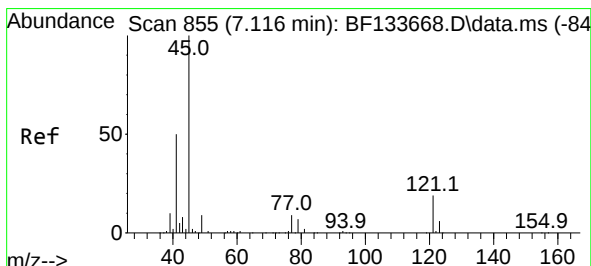
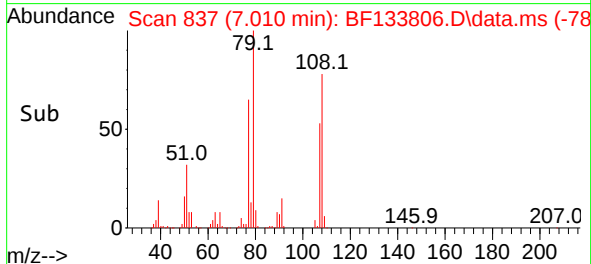
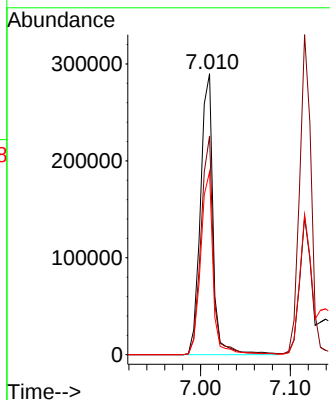
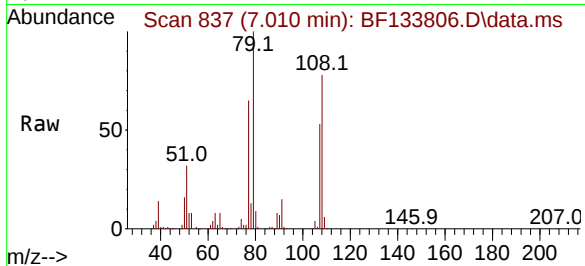




#15
Benzyl Alcohol
Concen: 47.971 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

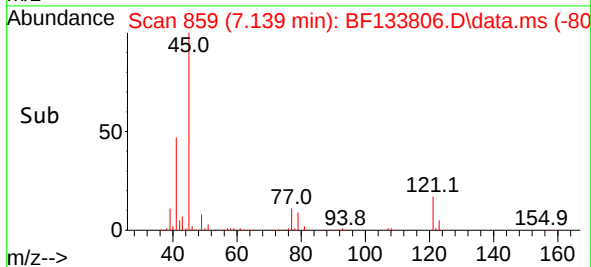
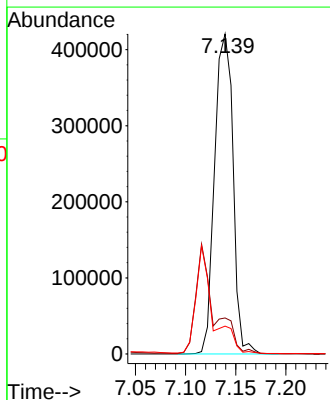
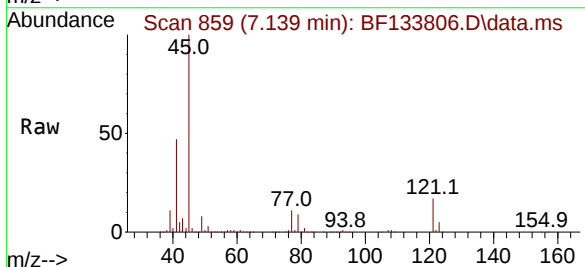
Instrument :
BNA_F
ClientSampleId :
PB153422BS

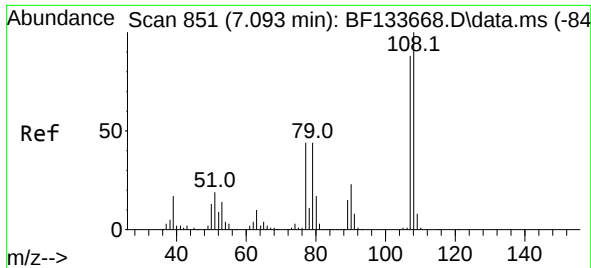
Tgt Ion: 79 Resp: 283077
Ion Ratio Lower Upper
79 100
108 77.9 57.9 86.9
77 65.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.034 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 45 Resp: 536468
Ion Ratio Lower Upper
45 100
77 11.2 0.0 32.3
79 8.7 0.0 29.4





#17

2-Methylphenol

Concen: 48.351 ng

RT: 7.116 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133806.D

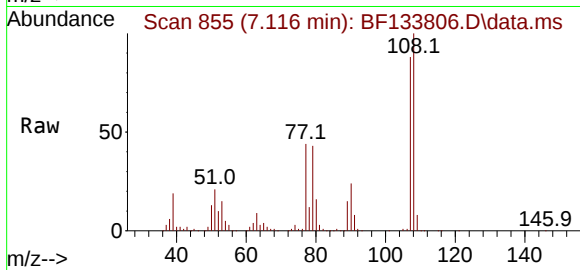
Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS



Tgt Ion:107 Resp: 262148

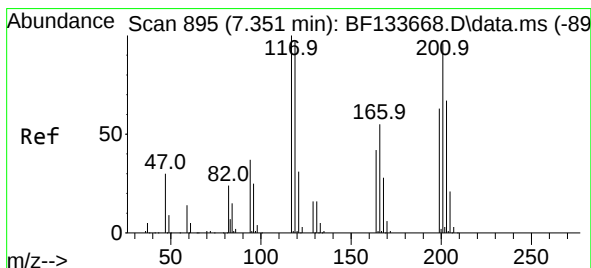
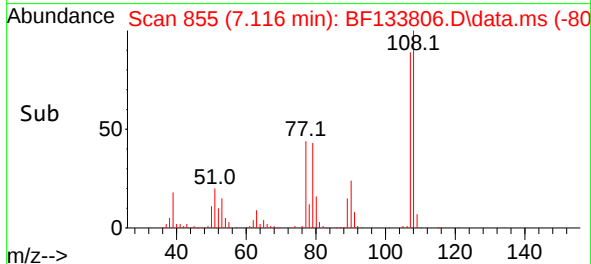
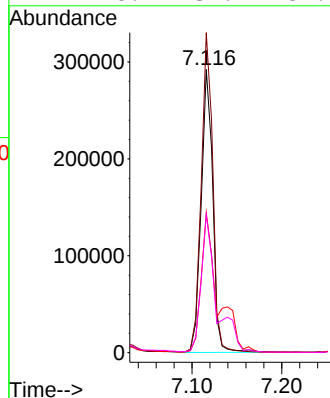
Ion Ratio Lower Upper

107 100

108 113.0 90.9 136.3

77 49.5 39.8 59.6

79 48.7 39.9 59.9



#18

Hexachloroethane

Concen: 55.975 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

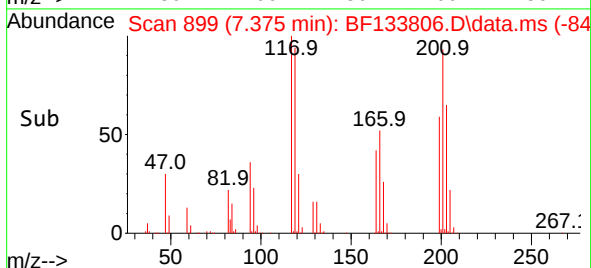
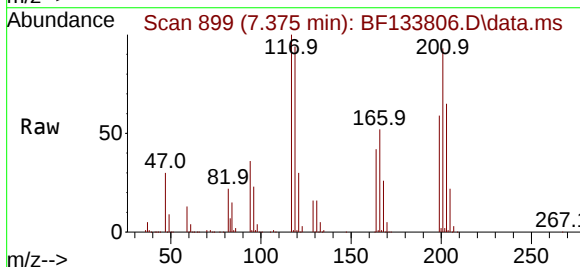
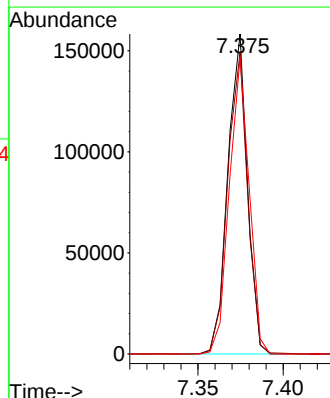
Tgt Ion:117 Resp: 126583

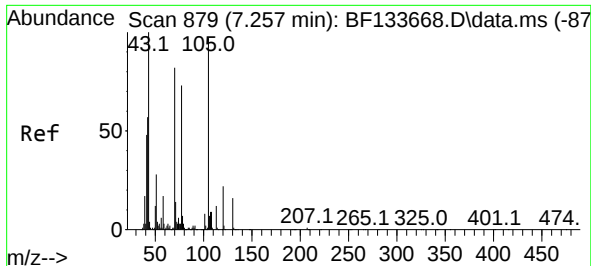
Ion Ratio Lower Upper

117 100

119 94.2 77.3 115.9

201 92.6 76.8 115.2



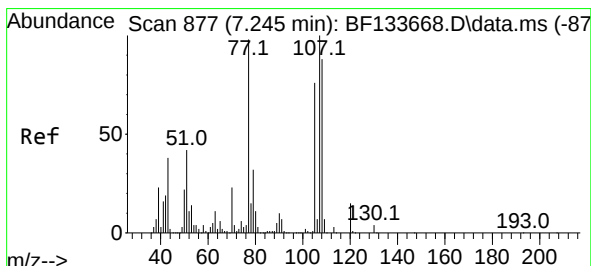
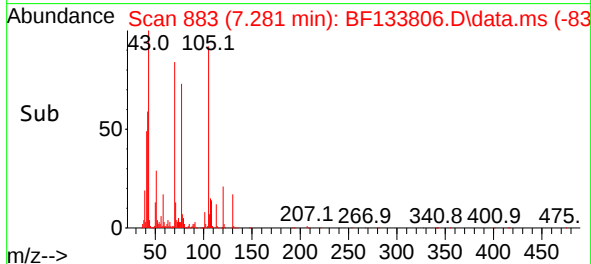
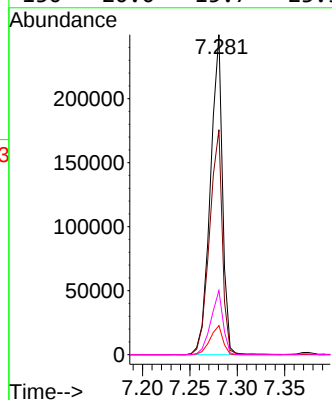
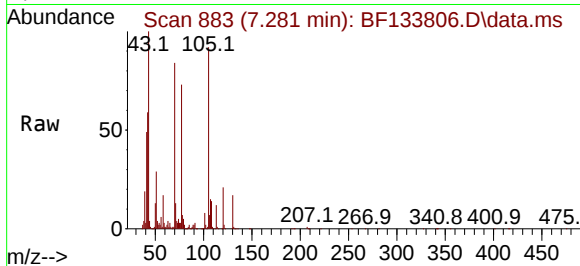


#19
n-Nitroso-di-n-propylamine
Concen: 46.137 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion: 70 Resp: 221784

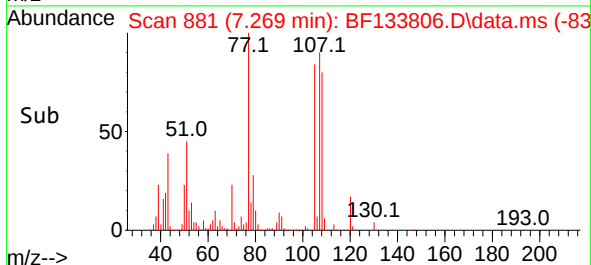
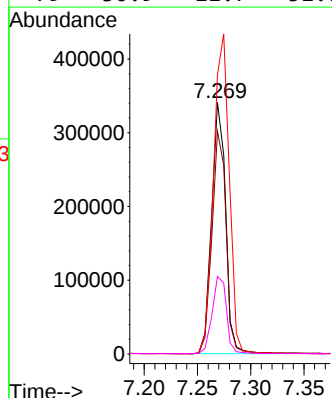
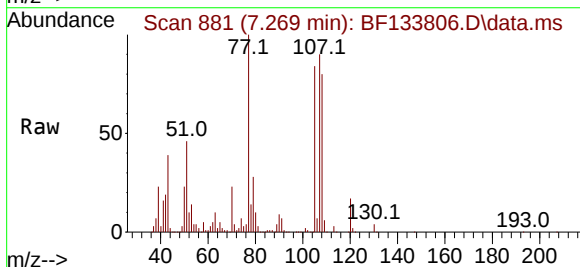
Ion	Ratio	Lower	Upper
70	100		
42	70.3	55.8	83.8
101	9.1	8.1	12.1
130	20.0	15.7	23.5

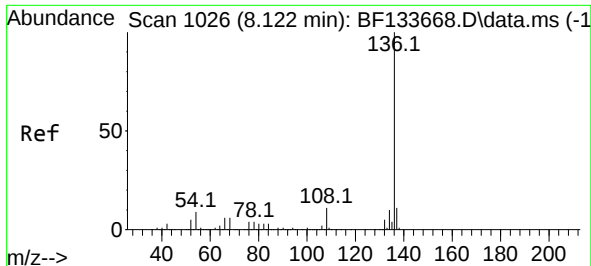


#20
3+4-Methylphenols
Concen: 44.082 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 107 Resp: 310916

Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.9	107.9
77	111.2	77.7	117.7
79	30.9	11.7	51.7

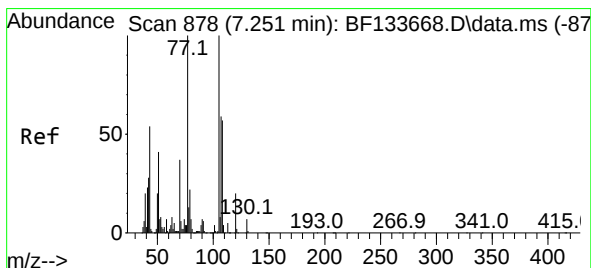
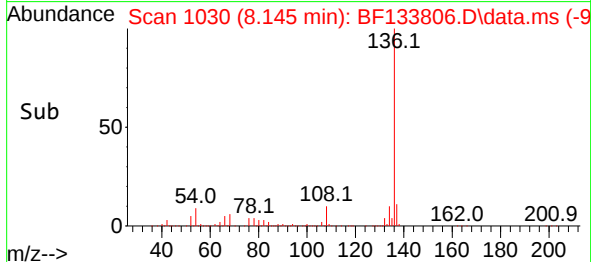
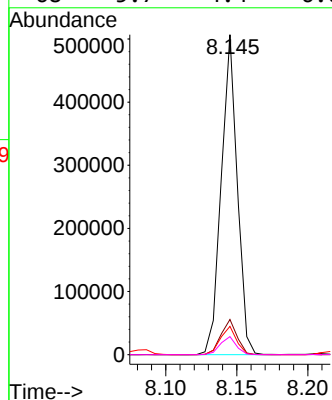
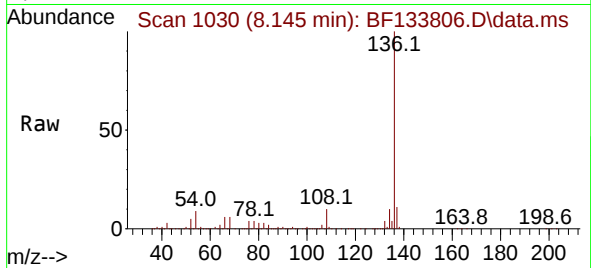




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

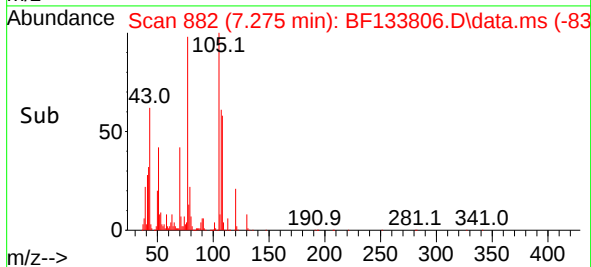
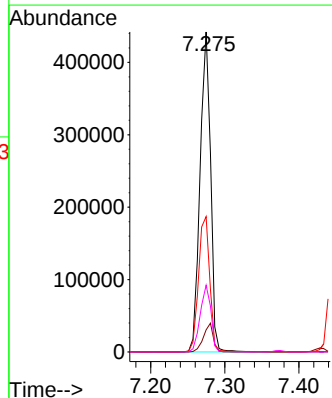
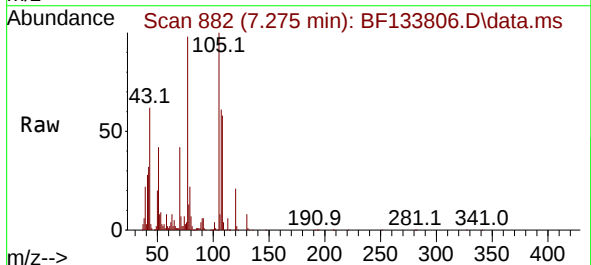
Instrument :
BNA_F
ClientSampleId :
PB153422BS

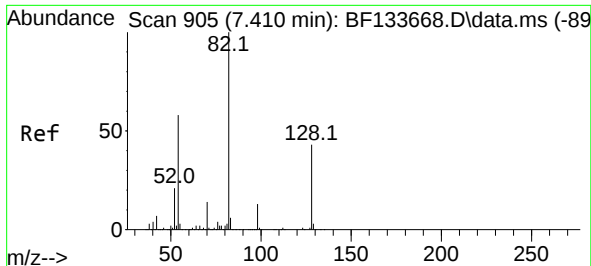
Tgt Ion:136 Resp: 396754
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 7.4 11.0
68 5.7 4.4 6.6



#22
Acetophenone
Concen: 47.843 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:105 Resp: 435361
Ion Ratio Lower Upper
105 100
71 6.9 4.8 7.2
51 42.3 33.0 49.4
120 20.8 16.2 24.4





#23

Nitrobenzene-d5

Concen: 91.602 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

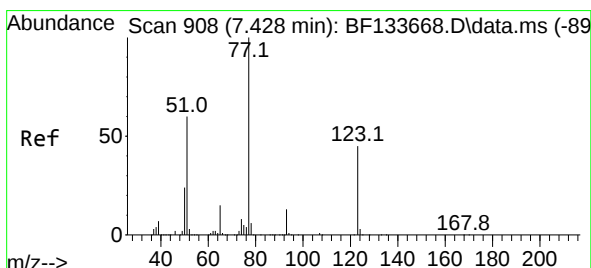
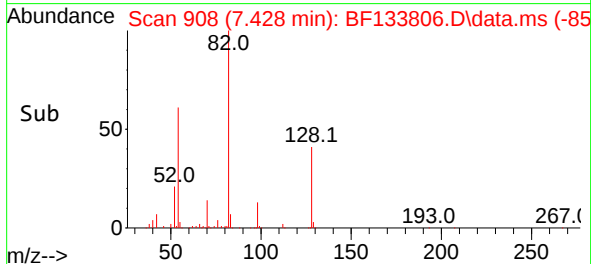
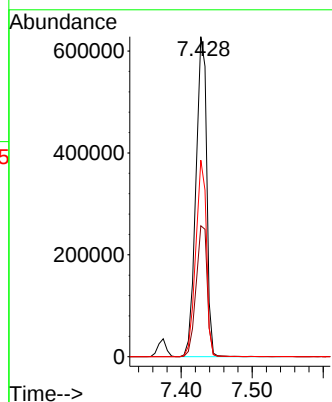
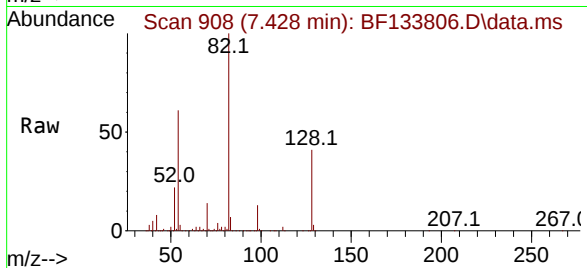
Tgt Ion: 82 Resp: 667262

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.2

54 61.4 46.5 69.7



#24

Nitrobenzene

Concen: 46.931 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.006 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

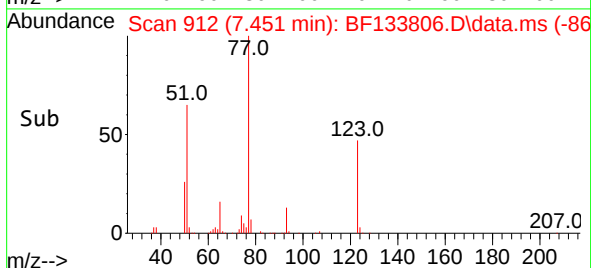
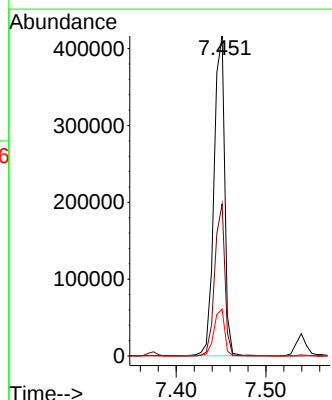
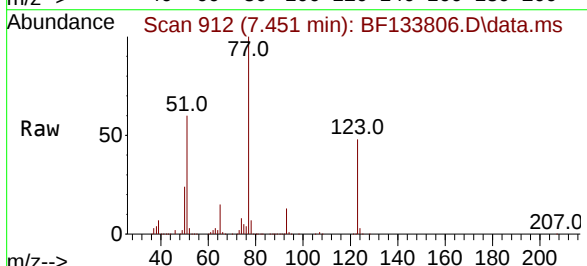
Tgt Ion: 77 Resp: 344234

Ion Ratio Lower Upper

77 100

123 47.5 35.8 53.8

65 14.6 11.6 17.4

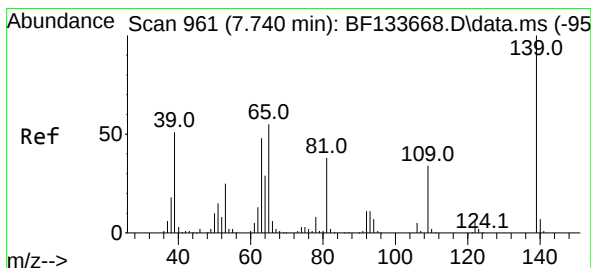
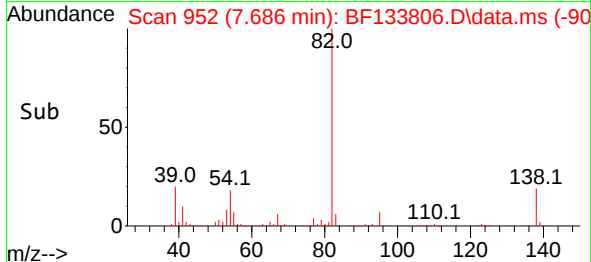
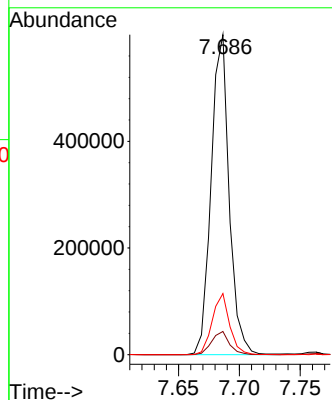
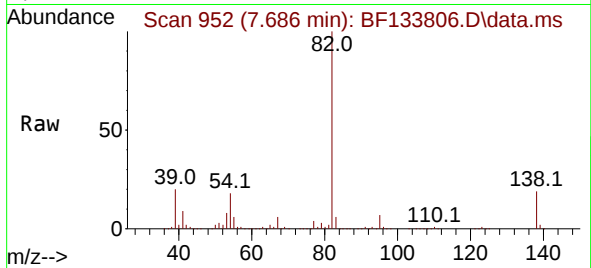




#25
Isophorone
Concen: 46.085 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

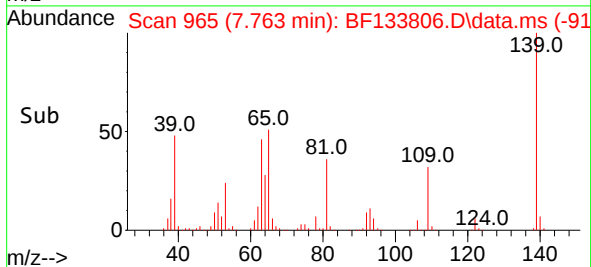
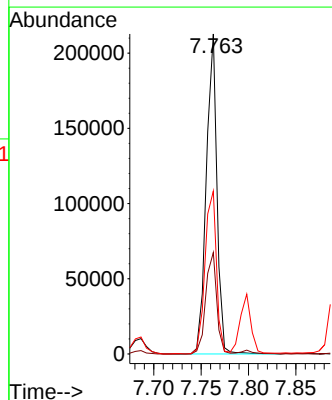
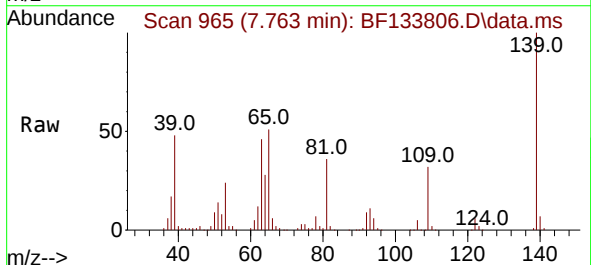
Instrument :
BNA_F
ClientSampleId :
PB153422BS

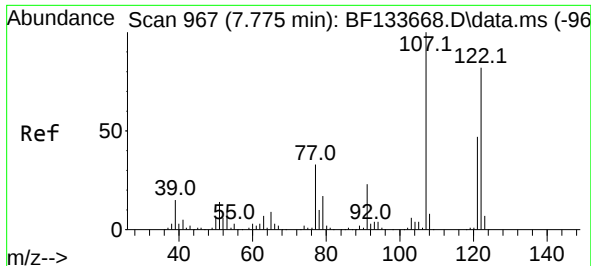
Tgt Ion: 82 Resp: 616300
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.1 14.2 21.2



#26
2-Nitrophenol
Concen: 50.629 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 139 Resp: 166661
Ion Ratio Lower Upper
139 100
109 31.7 27.0 40.6
65 50.9 44.2 66.4

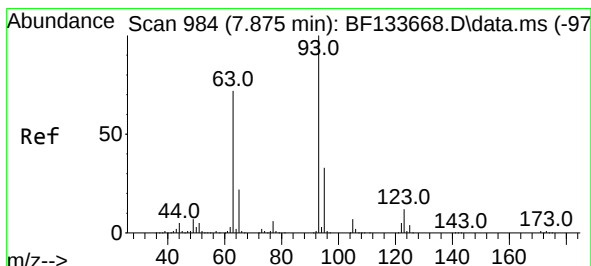
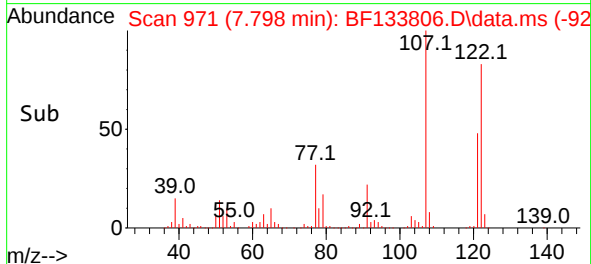
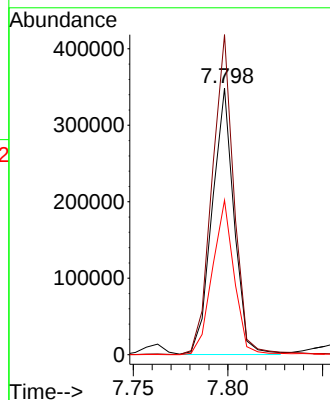
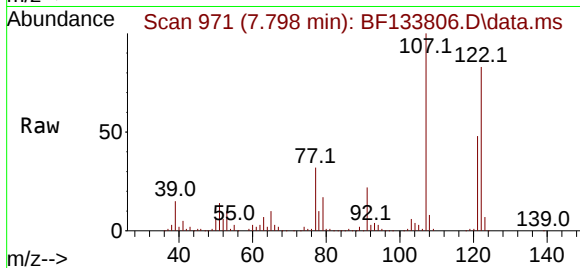




#27
2,4-Dimethylphenol
Concen: 49.308 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

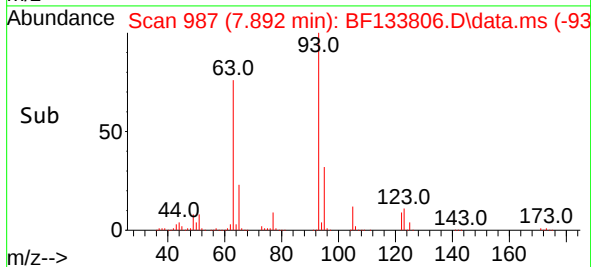
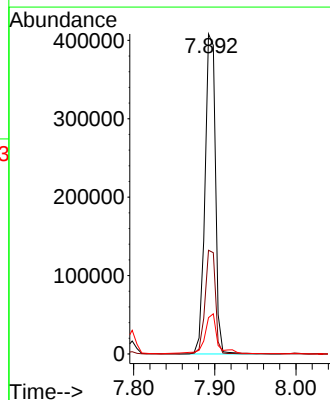
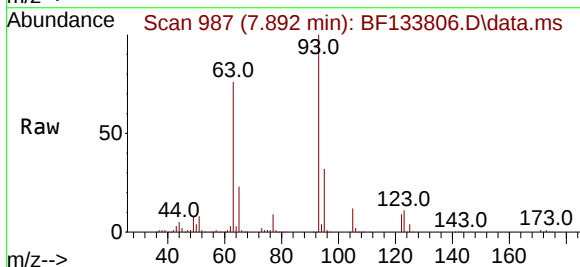
Instrument :
BNA_F
ClientSampleId :
PB153422BS

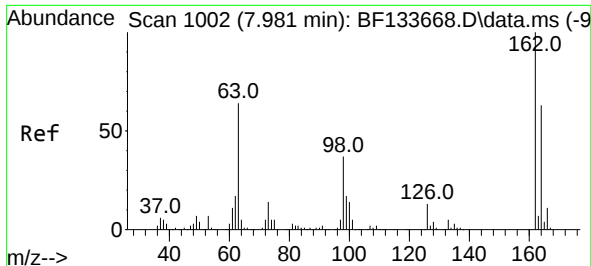
Tgt Ion:122 Resp: 279763
Ion Ratio Lower Upper
122 100
107 120.0 97.8 146.6
121 57.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.132 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion: 93 Resp: 364294
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 47.117 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

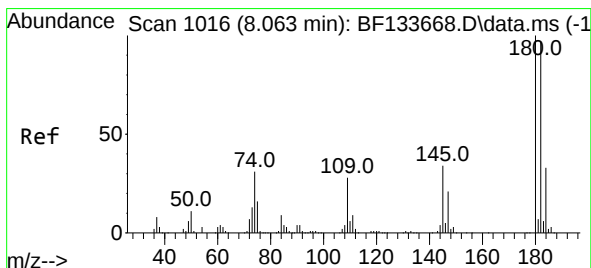
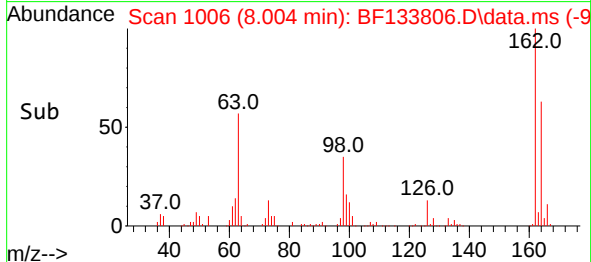
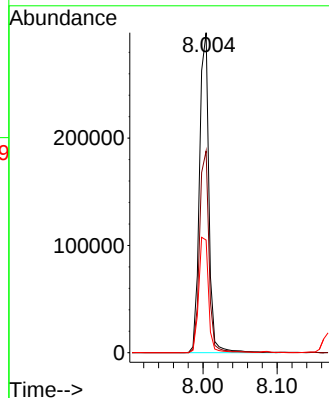
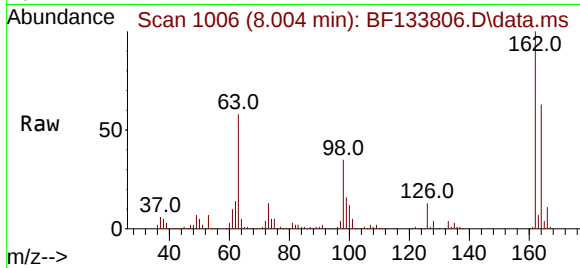
Tgt Ion:162 Resp: 262005

Ion Ratio Lower Upper

162 100

164 63.1 43.4 83.4

98 35.2 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 48.881 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

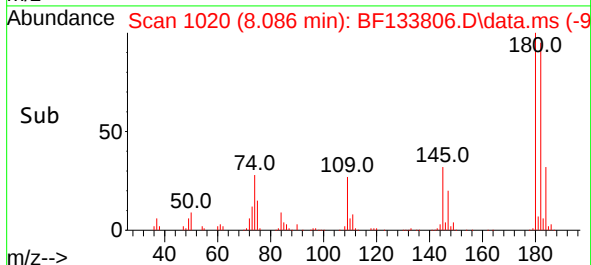
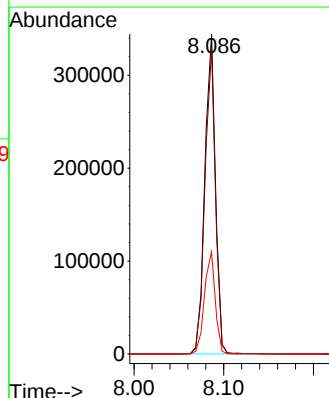
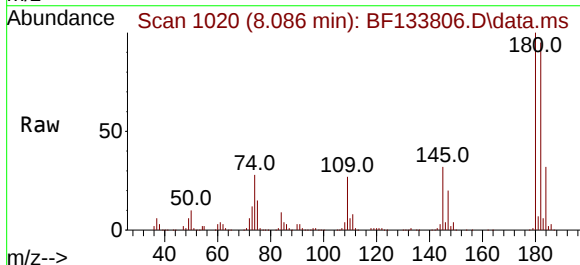
Tgt Ion:180 Resp: 283590

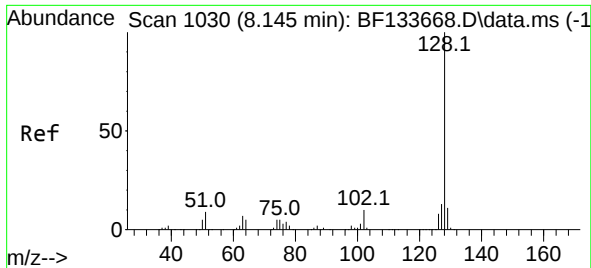
Ion Ratio Lower Upper

180 100

182 95.3 77.8 116.8

145 31.9 27.0 40.4

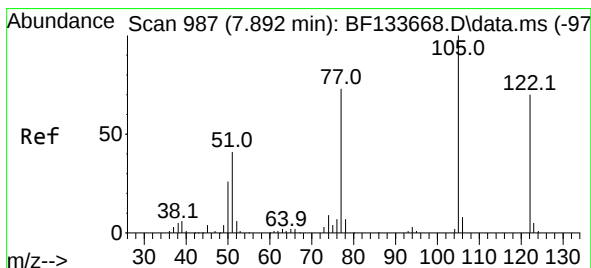
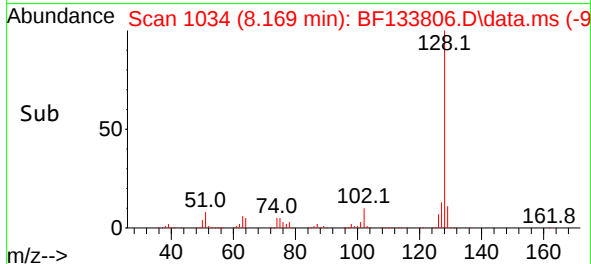
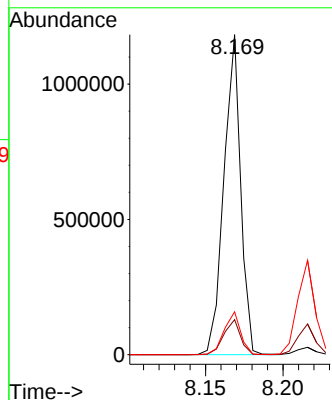
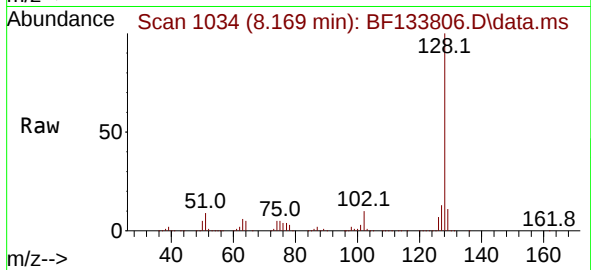




#31
Naphthalene
Concen: 46.022 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

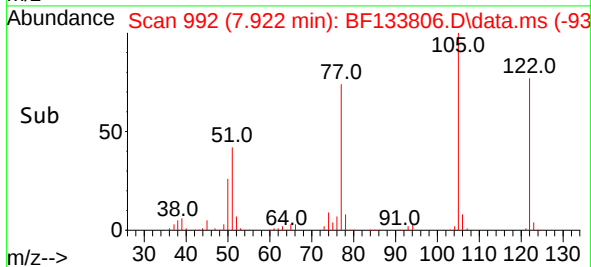
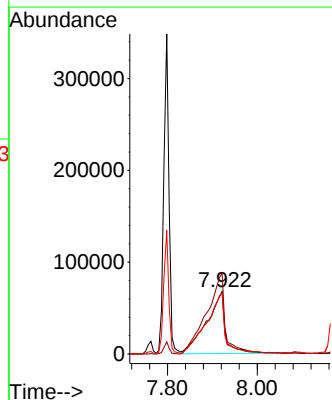
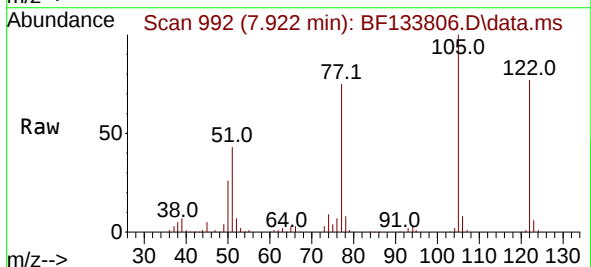
Instrument :
BNA_F
ClientSampleId :
PB153422BS

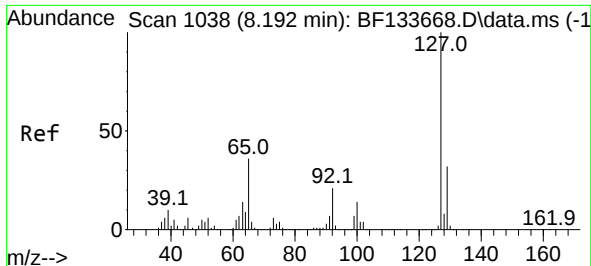
Tgt Ion:128 Resp: 889593
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 55.327 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:122 Resp: 197979
Ion Ratio Lower Upper
122 100
105 129.4 116.3 156.3
77 97.3 82.4 122.4

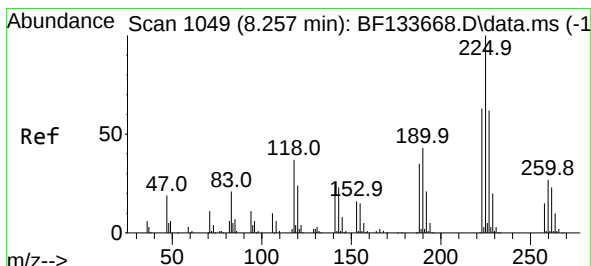
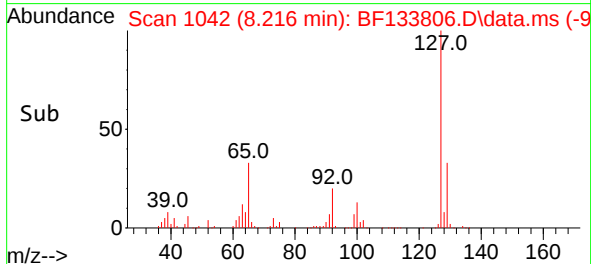
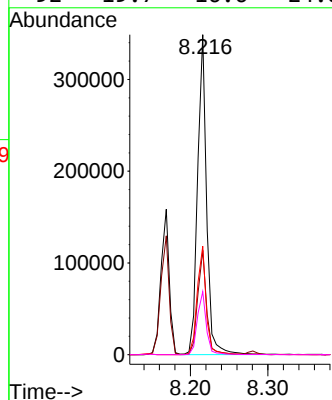
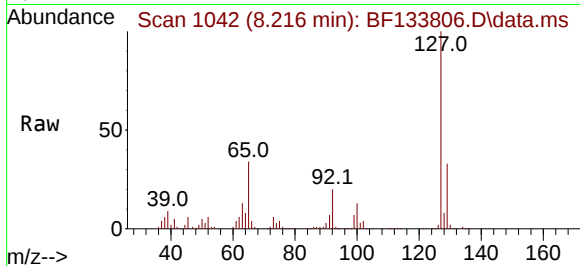




#33
4-Chloroaniline
Concen: 34.198 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

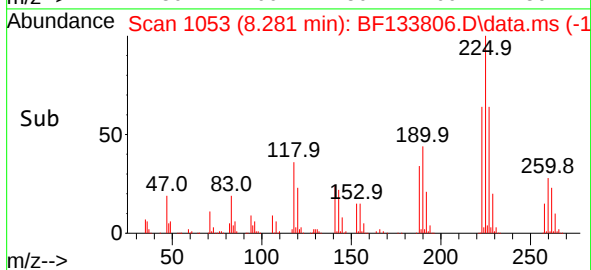
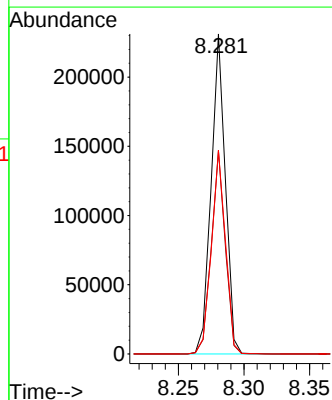
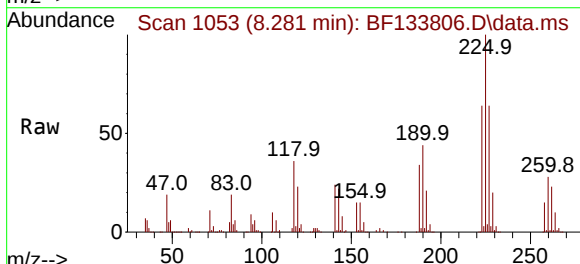
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:	127	Resp:	282648
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	33.9	28.9	43.3
92	19.7	16.6	24.8



#34
Hexachlorobutadiene
Concen: 45.936 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:	225	Resp:	174489
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	63.6	49.5	74.3

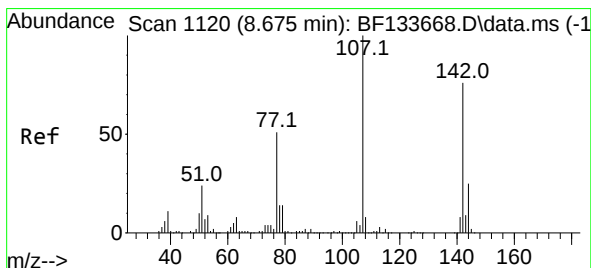
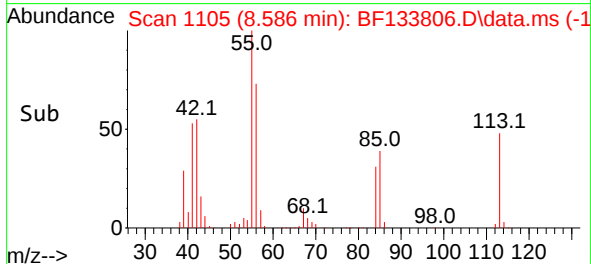
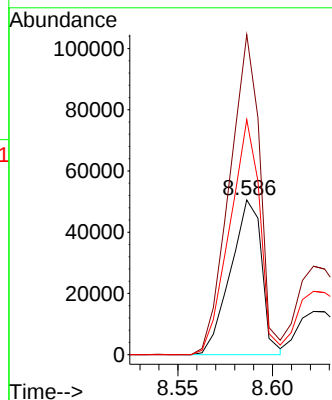
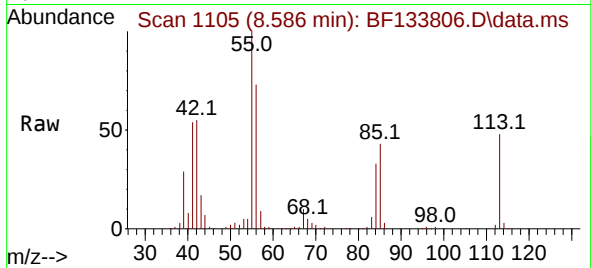




#35
Caprolactam
Concen: 30.844 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

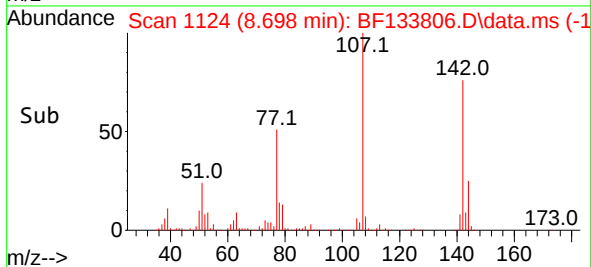
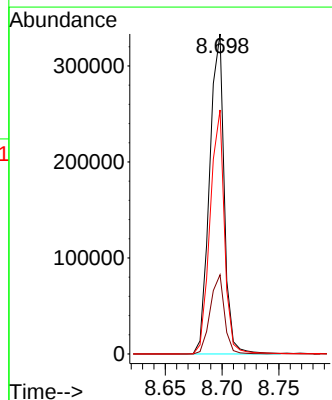
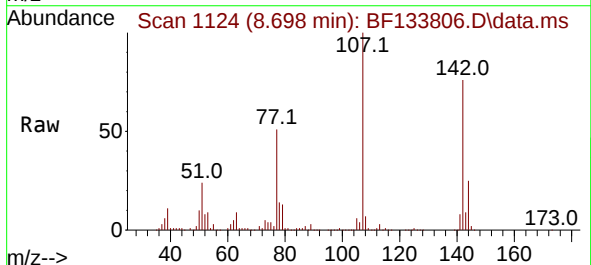
Instrument :
BNA_F
ClientSampleId :
PB153422BS

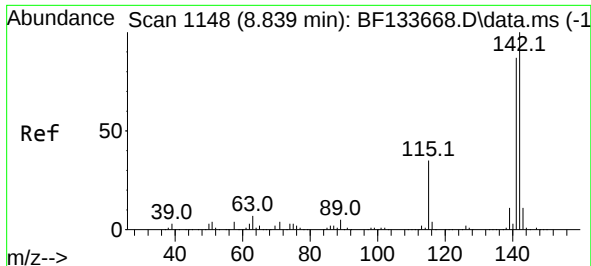
Tgt Ion:113 Resp: 57713
Ion Ratio Lower Upper
113 100
55 206.8 173.3 213.3
56 151.9 120.5 160.5



#36
4-Chloro-3-methylphenol
Concen: 46.604 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:107 Resp: 298714
Ion Ratio Lower Upper
107 100
144 24.8 19.7 29.5
142 76.3 61.1 91.7

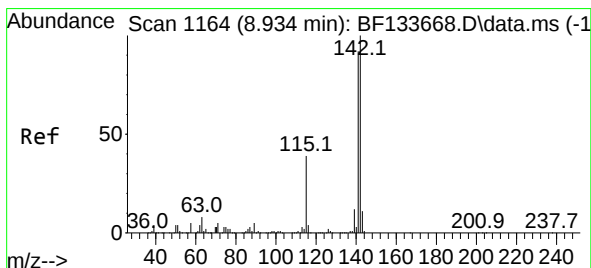
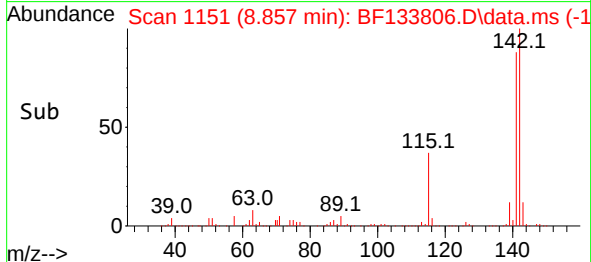
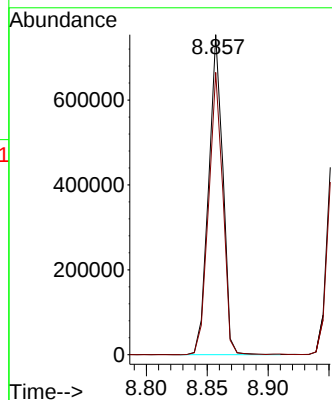
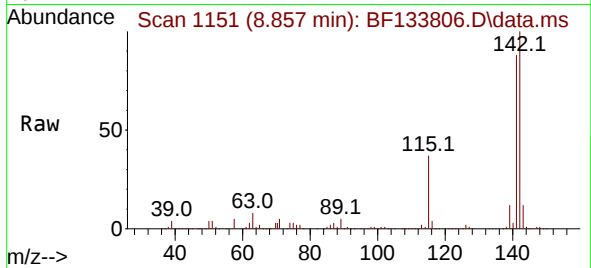




#37
2-Methylnaphthalene
Concen: 45.371 ng
RT: 8.857 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

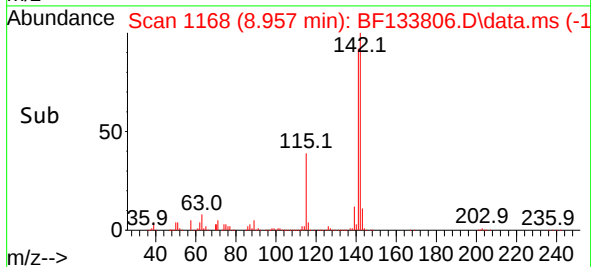
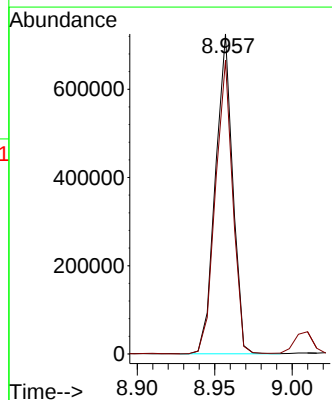
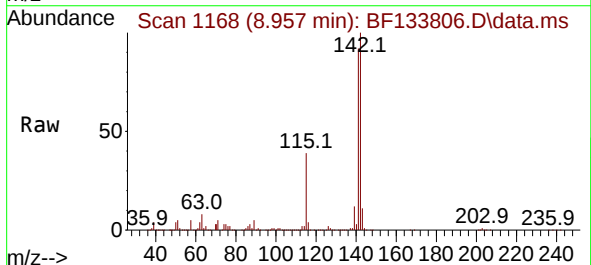
Instrument :
BNA_F
ClientSampleId :
PB153422BS

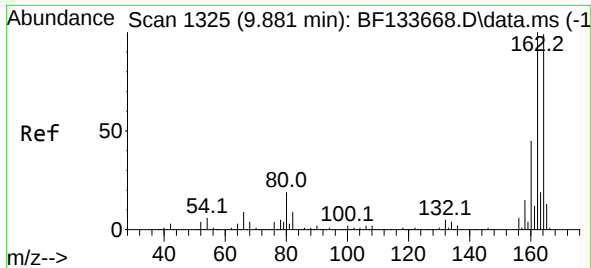
Tgt Ion:142 Resp: 609356
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.8



#38
1-Methylnaphthalene
Concen: 45.578 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:142 Resp: 563293
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0

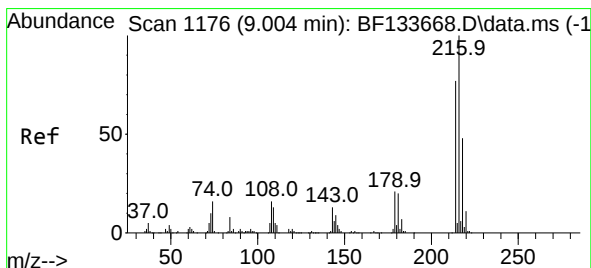
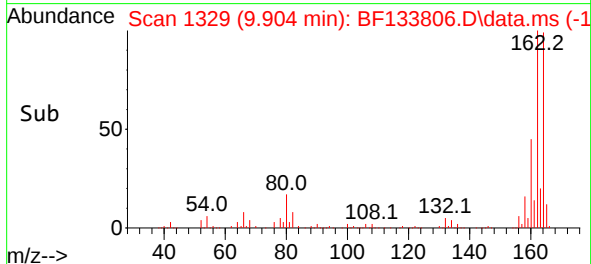
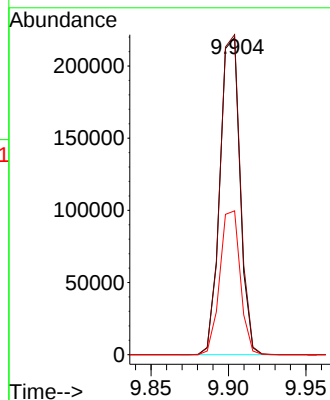
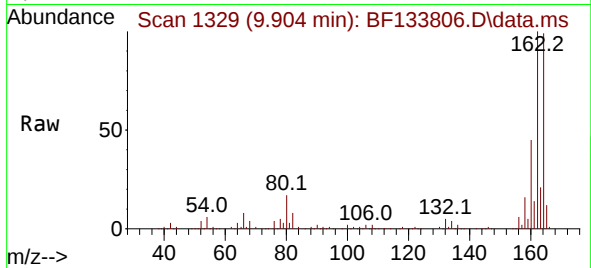




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

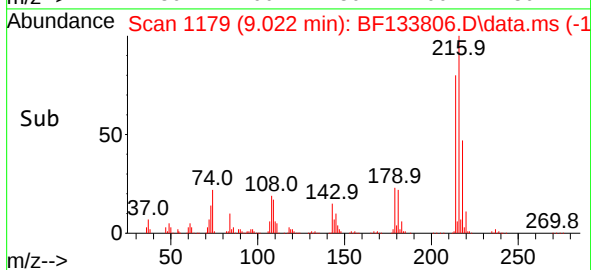
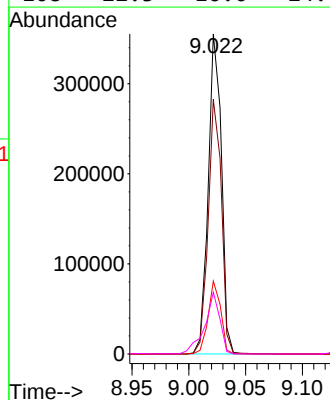
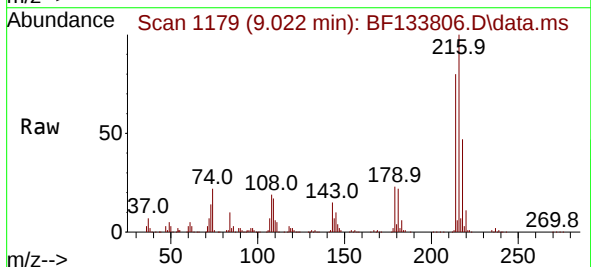
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:164 Resp: 198932
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 45.3 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.316 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:216 Resp: 286150
Ion Ratio Lower Upper
216 100
214 79.7 62.7 94.1
179 21.6 17.6 26.4
108 22.3 16.0 24.0

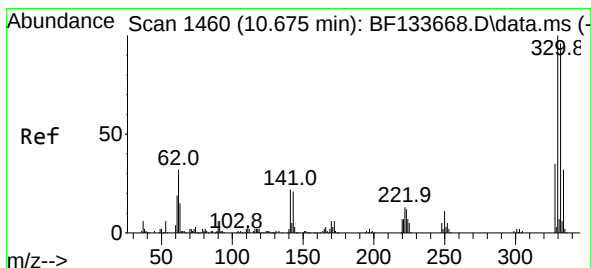
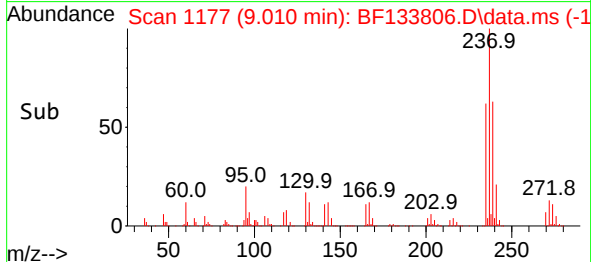
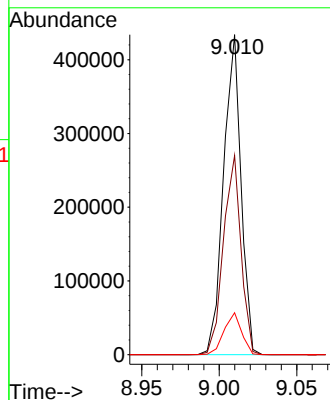
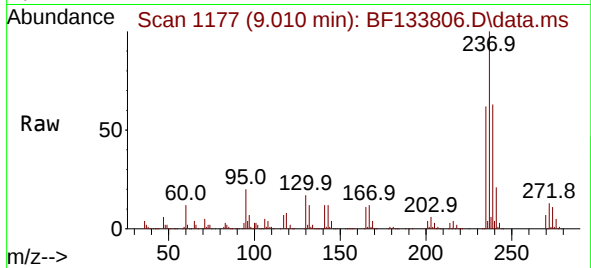




#41
Hexachlorocyclopentadiene
Concen: 126.114 ng
RT: 9.010 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

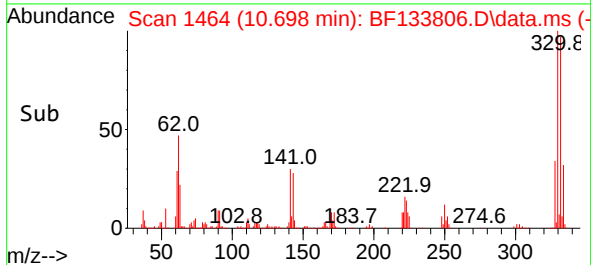
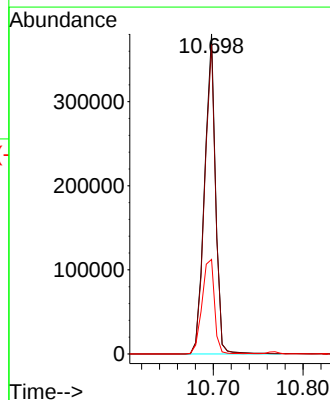
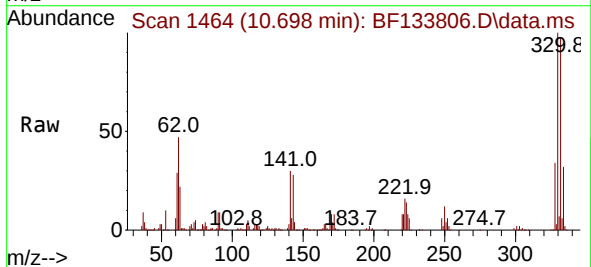
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:237 Resp: 339884
Ion Ratio Lower Upper
237 100
235 62.2 40.6 80.6
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 127.628 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:330 Resp: 321382
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 33.7 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 47.716 ng

RT: 9.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

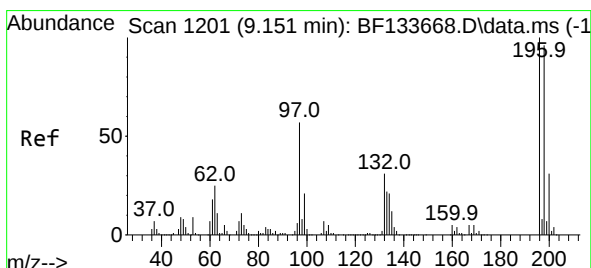
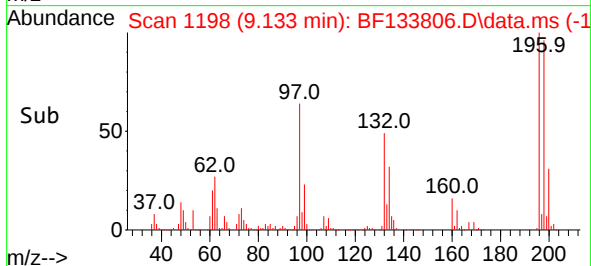
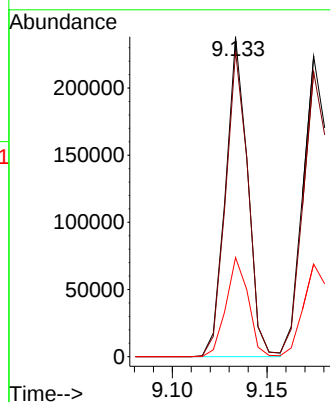
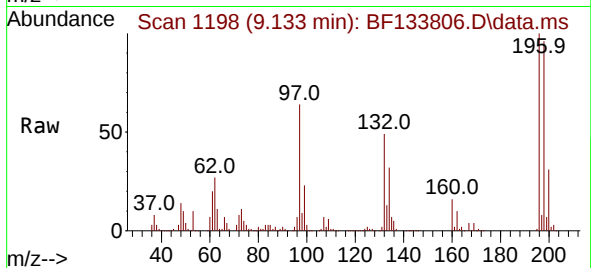
Tgt Ion:196 Resp: 192835

Ion Ratio Lower Upper

196 100

198 95.5 74.5 111.7

200 31.0 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 45.537 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Tgt Ion:196 Resp: 214097

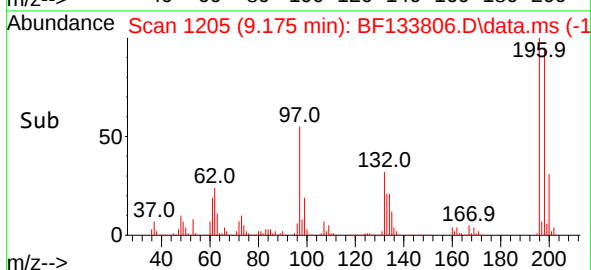
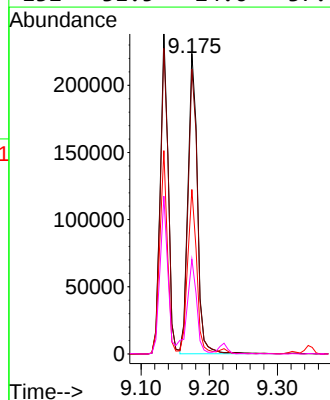
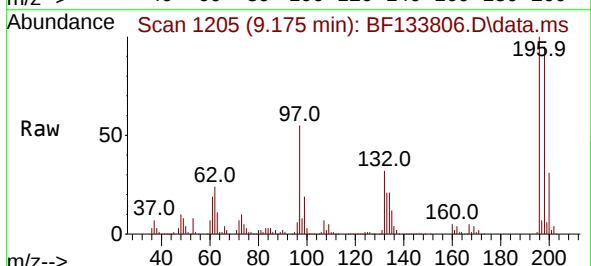
Ion Ratio Lower Upper

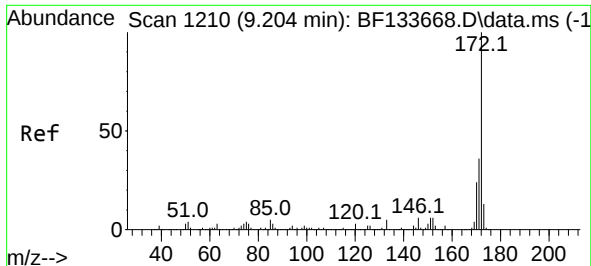
196 100

198 94.8 76.8 115.2

97 54.7 45.4 68.2

132 31.5 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 86.111 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

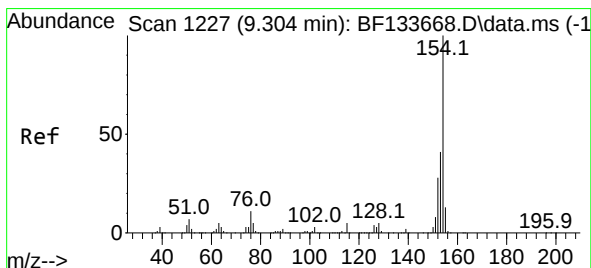
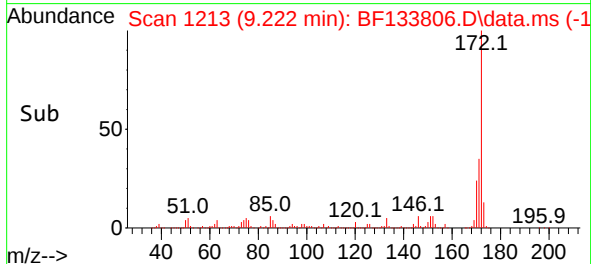
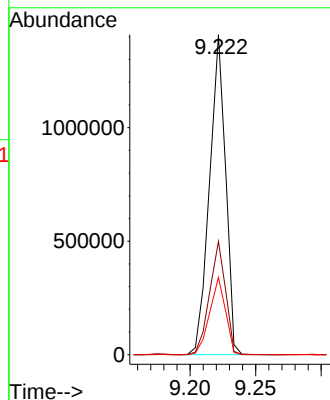
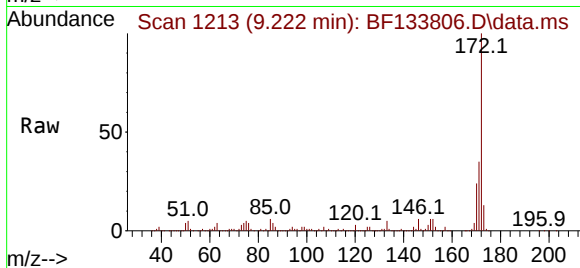
Tgt Ion:172 Resp: 1205067

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.316 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

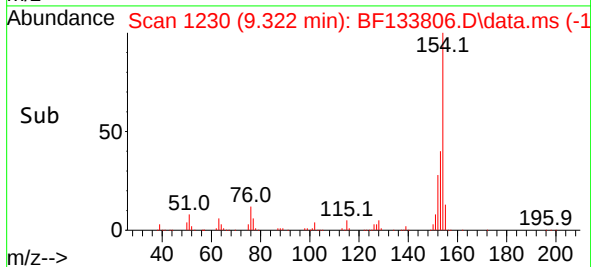
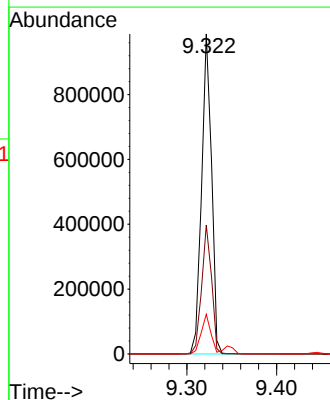
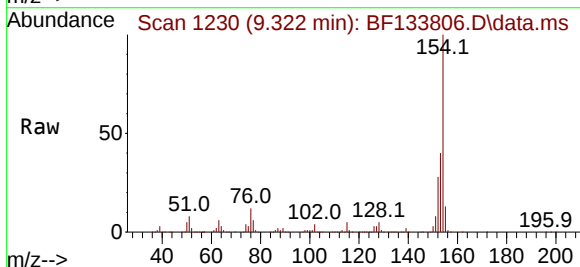
Tgt Ion:154 Resp: 759145

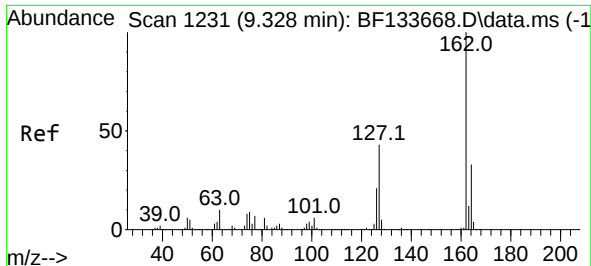
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

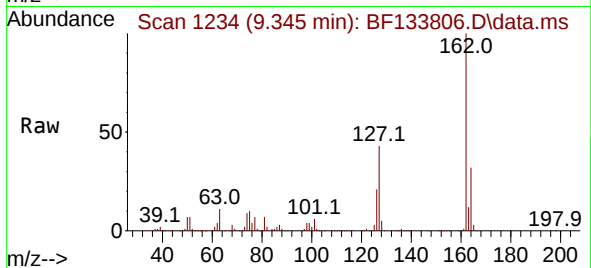
76 12.4 0.0 31.0



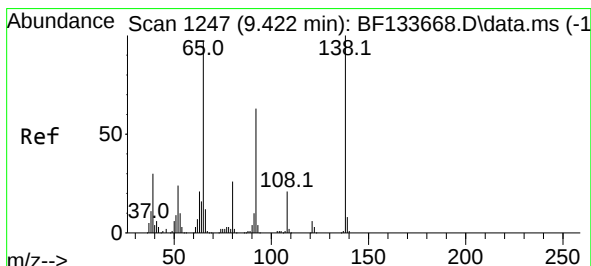
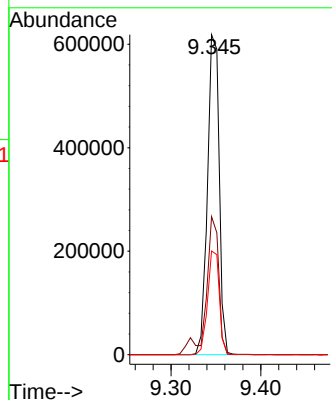
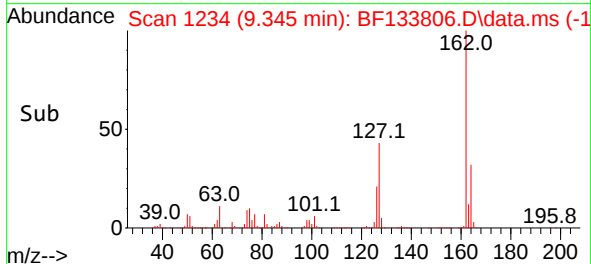


#47
2-Chloronaphthalene
Concen: 48.841 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

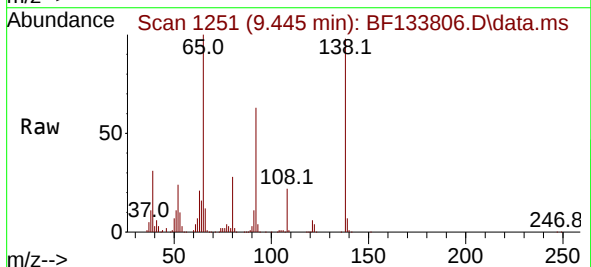
Instrument :
BNA_F
ClientSampleId :
PB153422BS



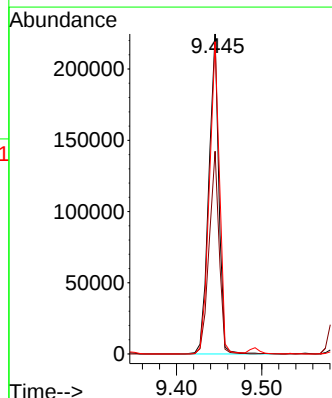
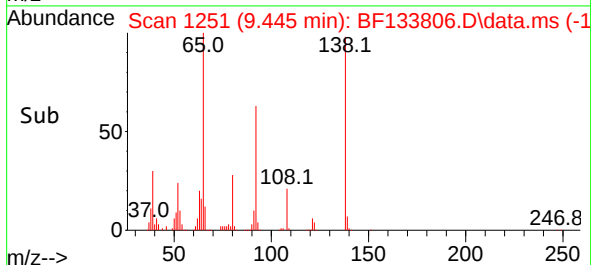
Tgt Ion:162 Resp: 562098
Ion Ratio Lower Upper
162 100
127 43.1 34.6 52.0
164 32.4 26.4 39.6

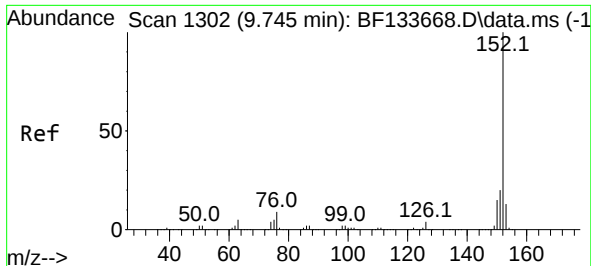


#48
2-Nitroaniline
Concen: 43.665 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43



Tgt Ion: 65 Resp: 183787
Ion Ratio Lower Upper
65 100
92 63.3 51.8 77.6
138 97.6 82.1 123.1

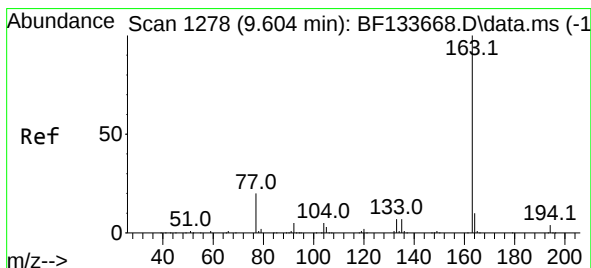
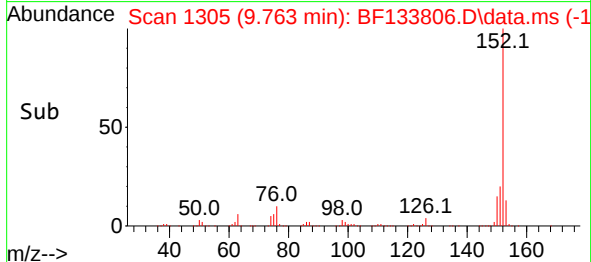
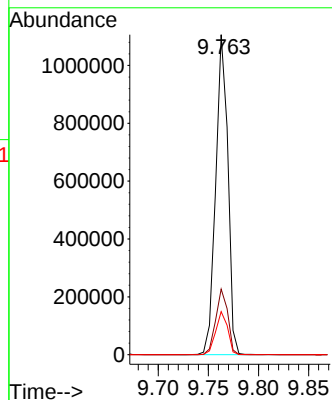
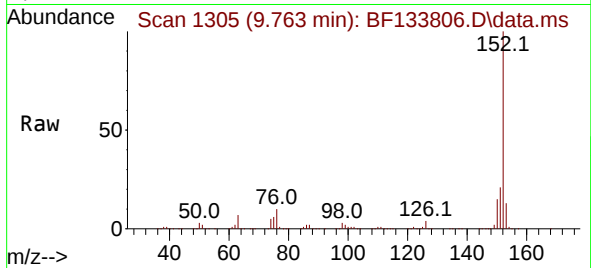




#49
Acenaphthylene
Concen: 46.611 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

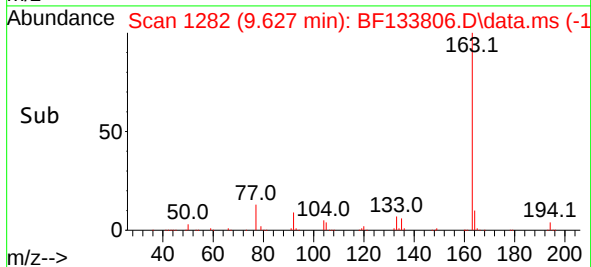
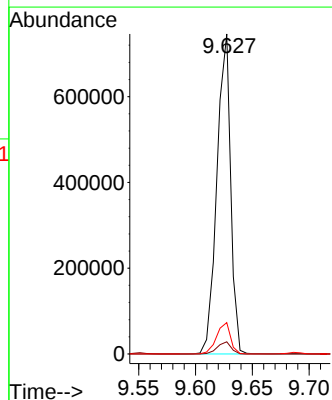
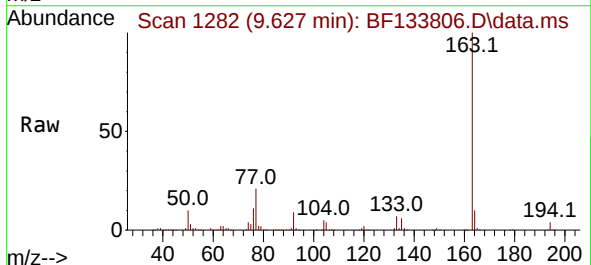
Instrument :
BNA_F
ClientSampleId :
PB153422BS

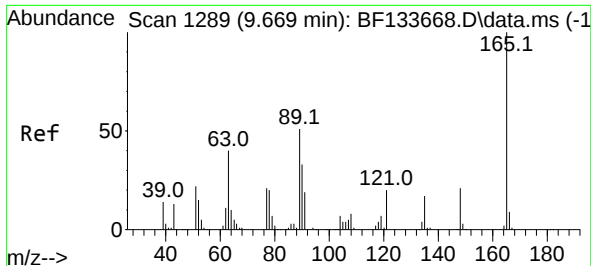
Tgt Ion:152 Resp: 933658
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 42.360 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:163 Resp: 628992
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.0 12.0

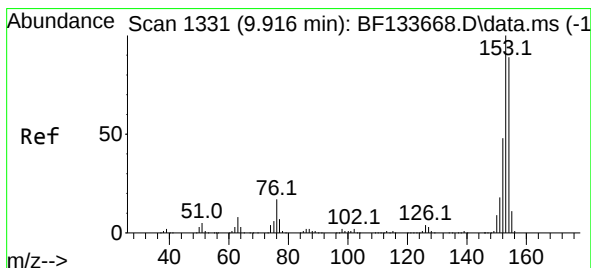
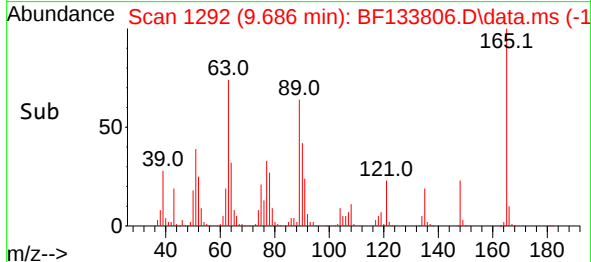
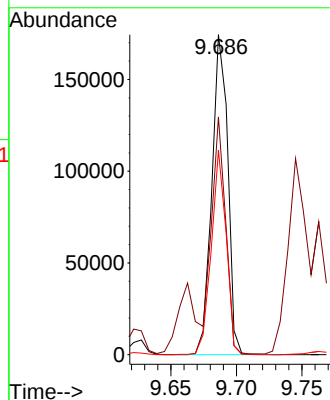
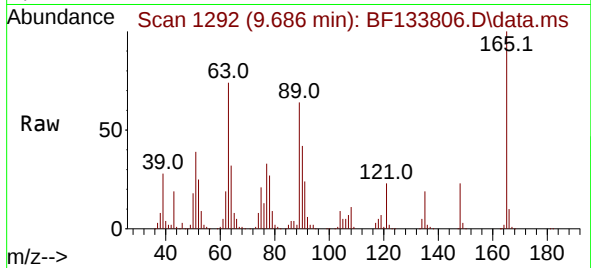




#51
2,6-Dinitrotoluene
Concen: 47.999 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

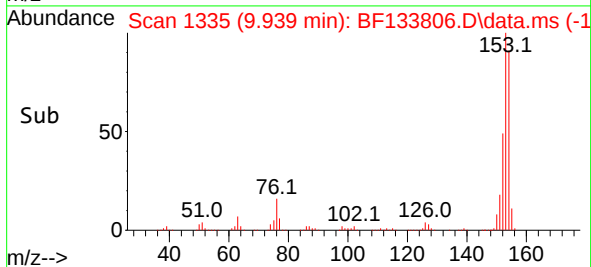
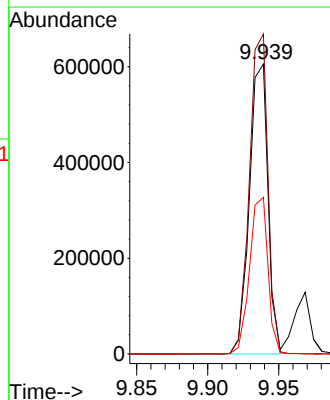
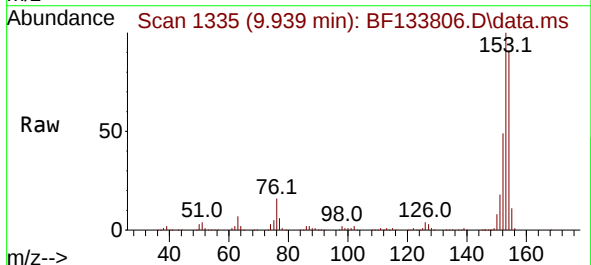
Instrument :
BNA_F
ClientSampleId :
PB153422BS

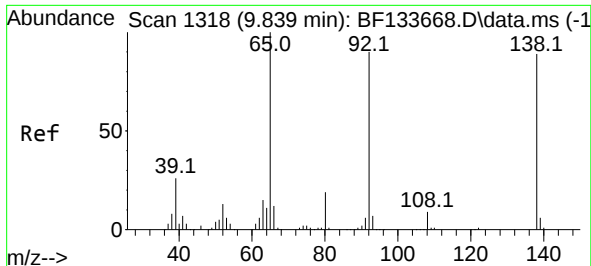
Tgt Ion:165 Resp: 147112
Ion Ratio Lower Upper
165 100
63 74.3 42.1 63.1#
89 63.9 40.9 61.3#



#52
Acenaphthene
Concen: 46.926 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:154 Resp: 550195
Ion Ratio Lower Upper
154 100
153 110.4 89.8 134.8
152 54.1 43.4 65.2

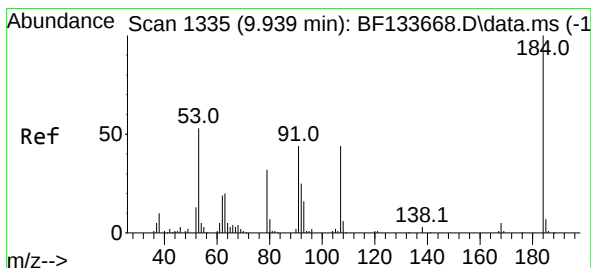
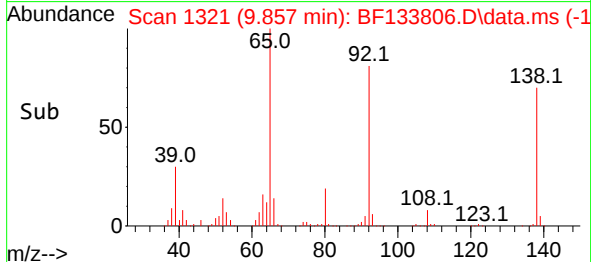
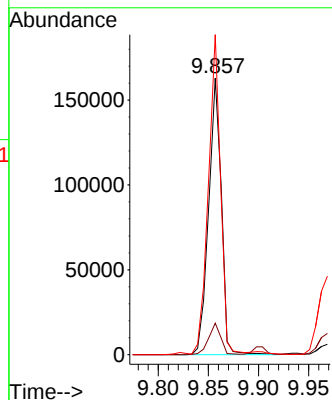
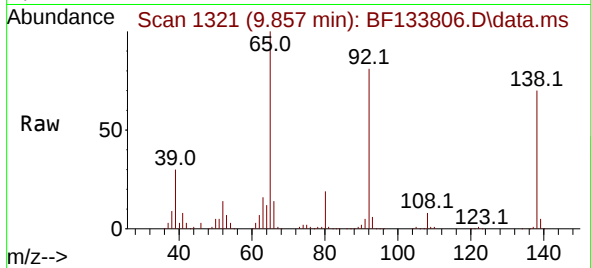




#53
3-Nitroaniline
Concen: 38.705 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

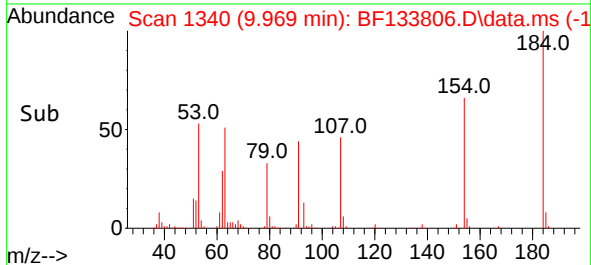
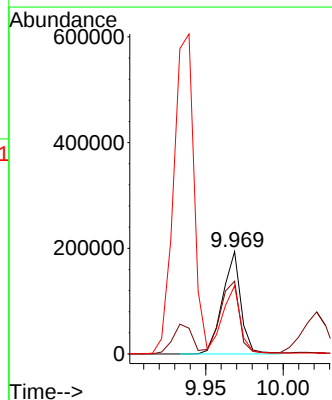
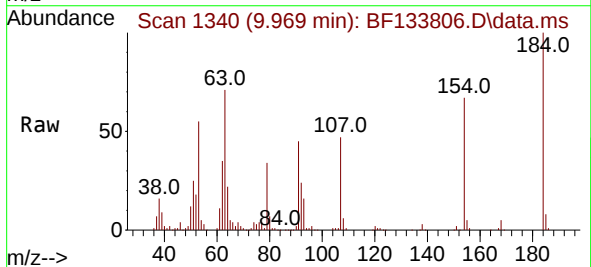
Instrument :
BNA_F
ClientSampleId :
PB153422BS

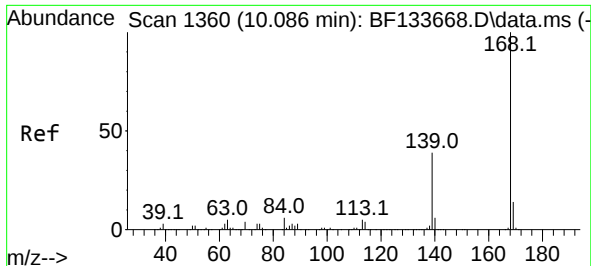
Tgt Ion:138 Resp: 144360
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.4
92 115.7 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 104.716 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:184 Resp: 159682
Ion Ratio Lower Upper
184 100
63 71.1 55.3 82.9
154 66.6 51.9 77.9

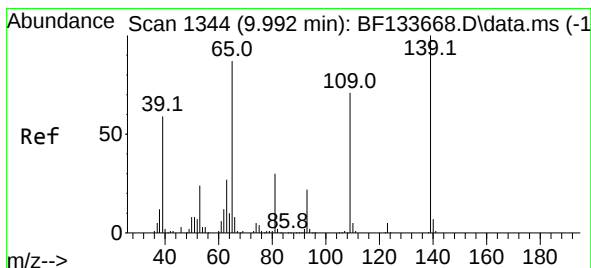
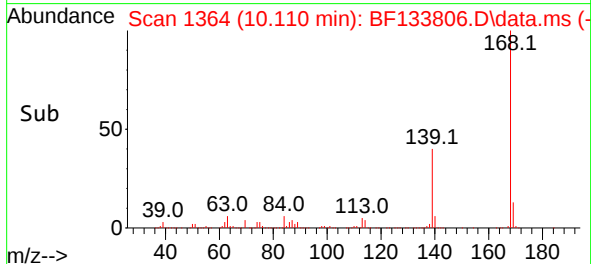
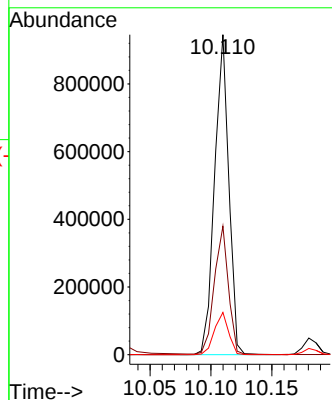
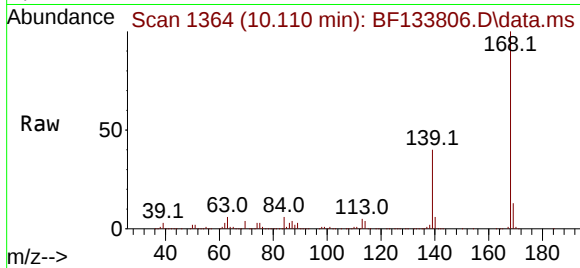




#55
Dibenzenofuran
Concen: 42.647 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

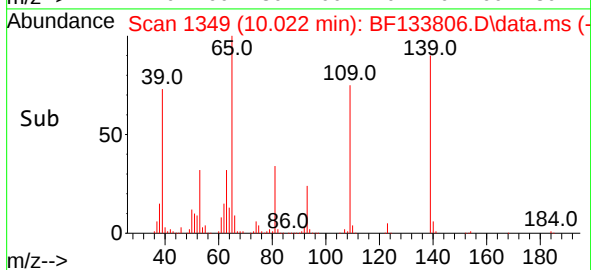
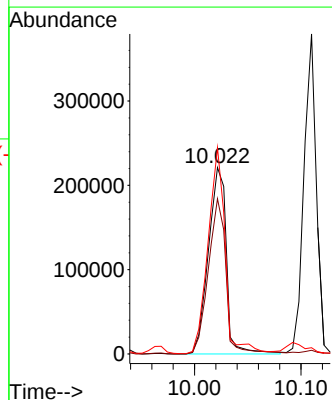
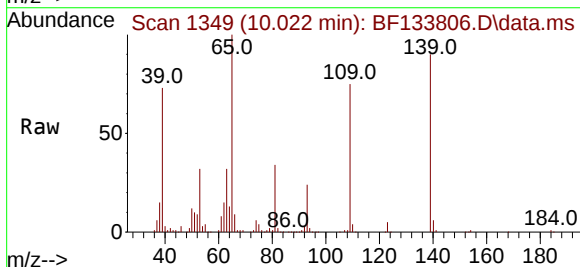
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:168 Resp: 762987
Ion Ratio Lower Upper
168 100
139 40.1 30.9 46.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 103.309 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:139 Resp: 260049
Ion Ratio Lower Upper
139 100
109 83.3 50.7 90.7
65 110.8 67.1 107.1#

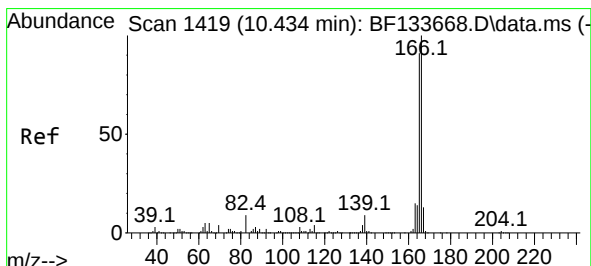
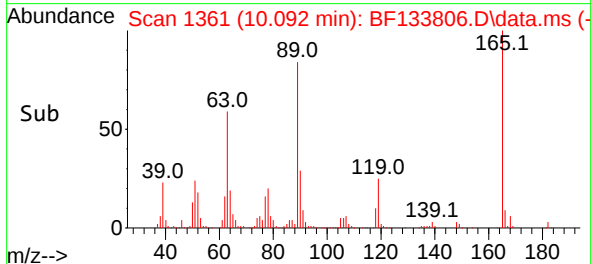
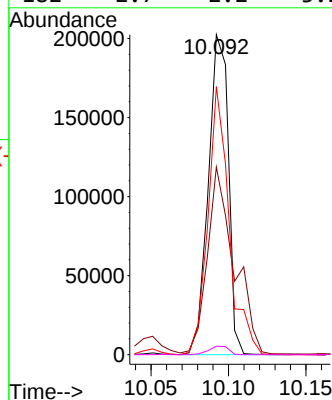
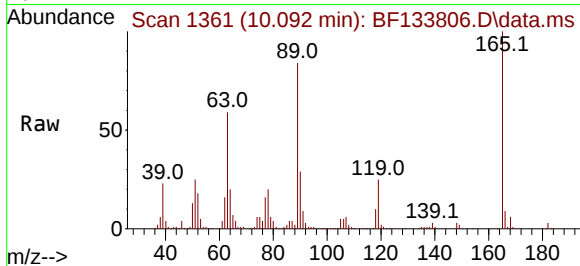




#57
2,4-Dinitrotoluene
Concen: 46.863 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

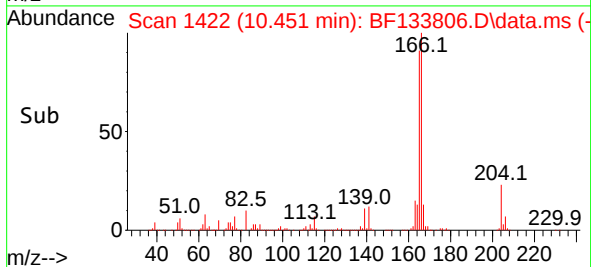
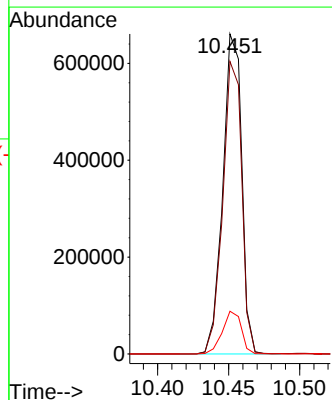
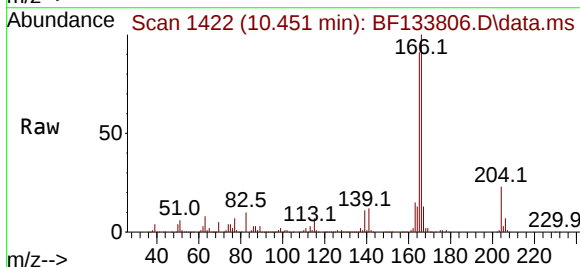
Instrument :
BNA_F
ClientSampleId :
PB153422BS

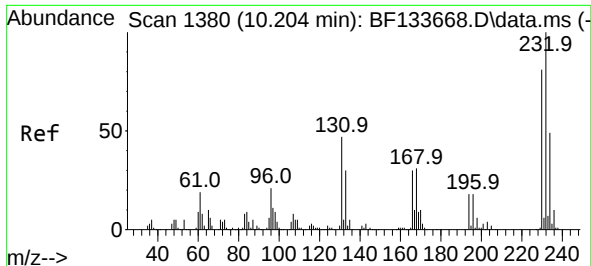
Tgt Ion:165 Resp: 182670
Ion Ratio Lower Upper
165 100
63 58.7 43.0 64.6
89 83.7 62.6 93.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.625 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:166 Resp: 610540
Ion Ratio Lower Upper
166 100
165 91.4 73.1 109.7
167 13.4 10.5 15.7

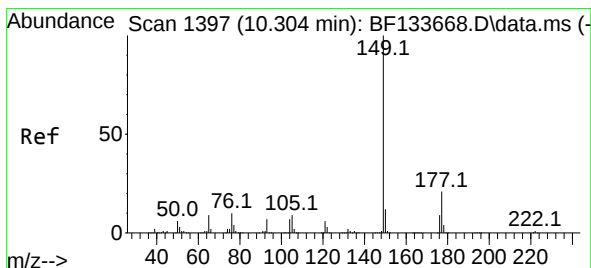
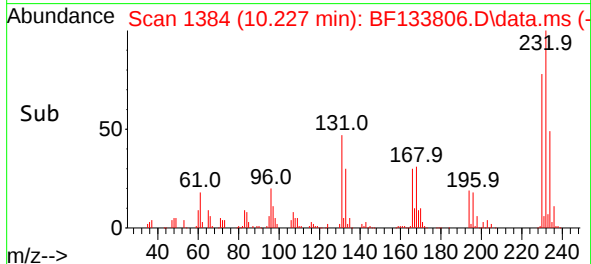
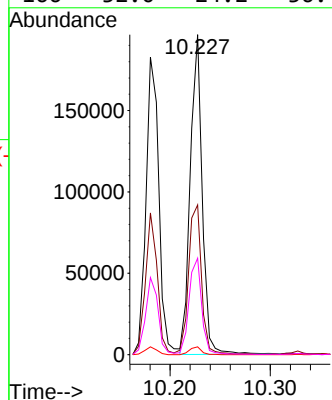
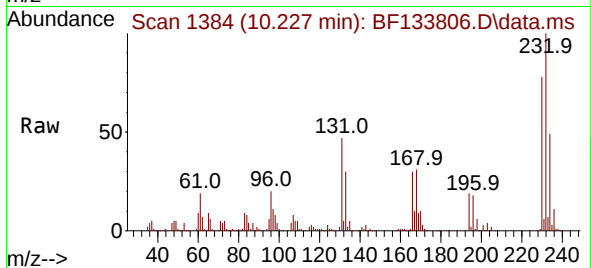




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.201 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

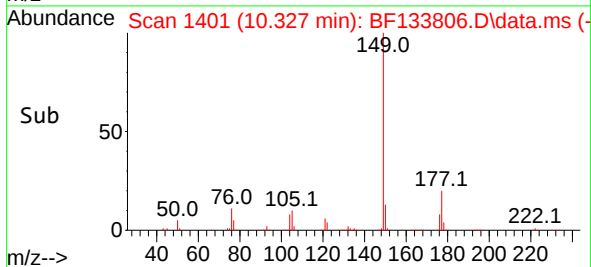
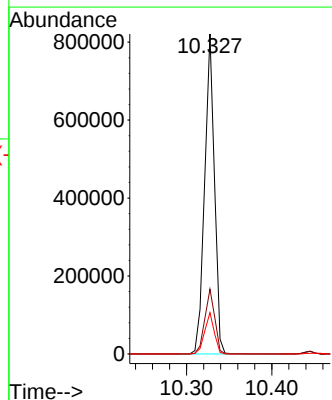
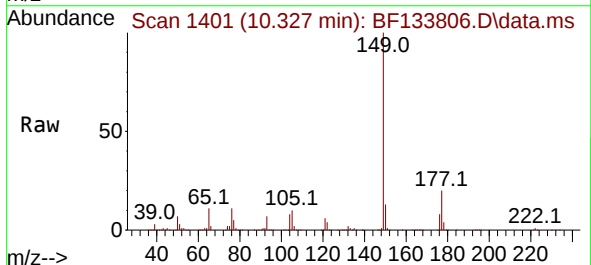
Instrument :
BNA_F
ClientSampleId :
PB153422BS

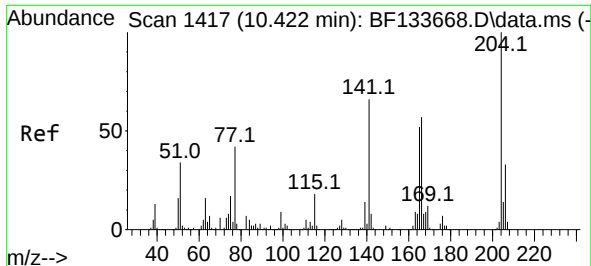
Tgt Ion:232 Resp: 162629
Ion Ratio Lower Upper
232 100
131 51.2 38.0 57.0
130 2.5 1.8 2.8
166 32.0 24.2 36.4



#60
Diethylphthalate
Concen: 43.374 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:149 Resp: 655479
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.9 10.0 15.0

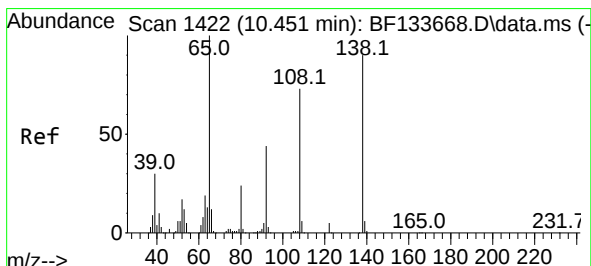
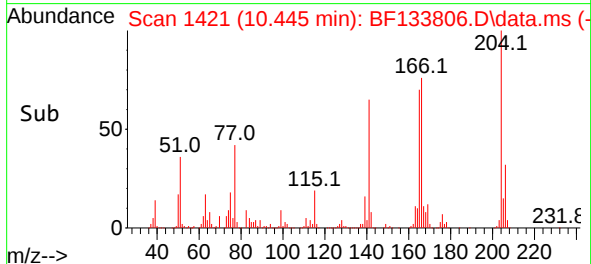
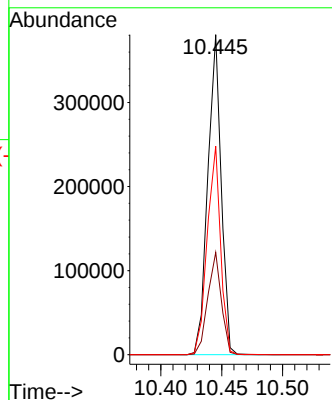
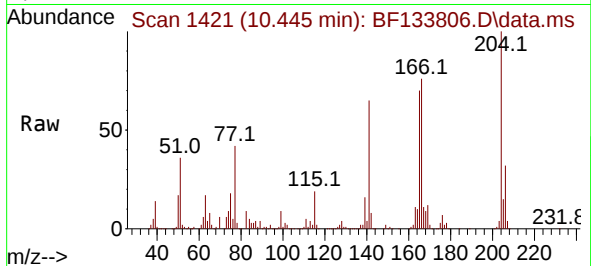




#61
4-Chlorophenyl-phenylether
Concen: 42.972 ng
RT: 10.445 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

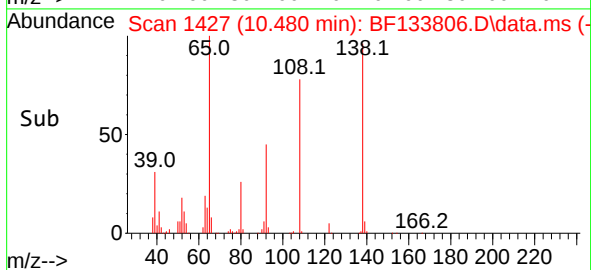
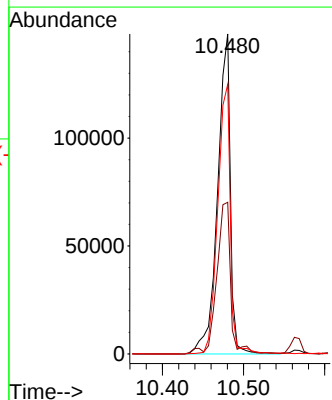
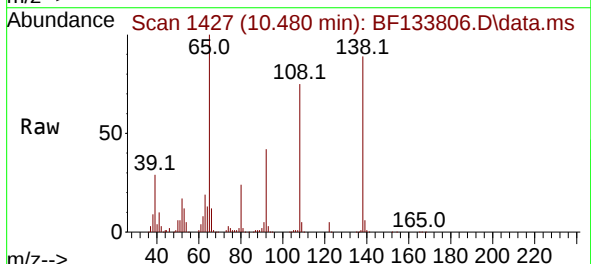
Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:204 Resp: 290247
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 65.2 52.8 79.2



#62
4-Nitroaniline
Concen: 44.460 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:138 Resp: 162590
Ion Ratio Lower Upper
138 100
92 47.4 28.9 68.9
108 84.2 61.0 101.0





#63

Azobenzene

Concen: 46.758 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

Tgt Ion: 77 Resp: 668938

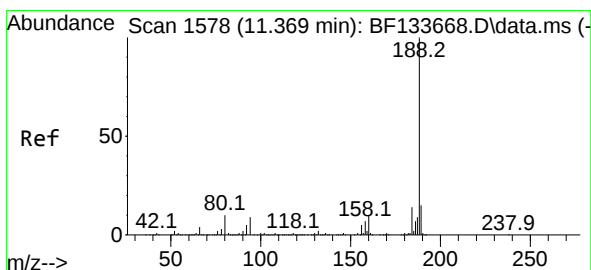
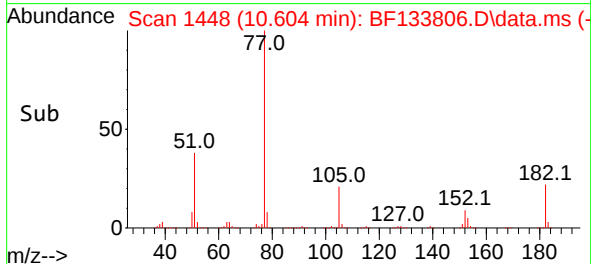
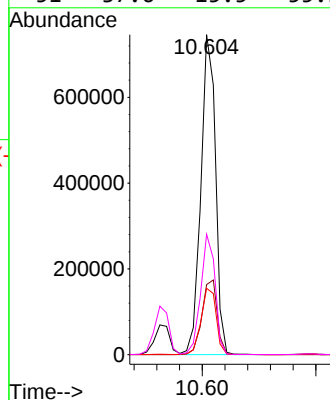
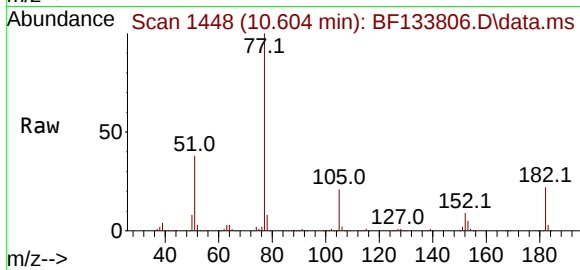
Ion Ratio Lower Upper

77 100

182 21.9 1.6 41.6

105 20.8 1.6 41.6

51 37.6 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

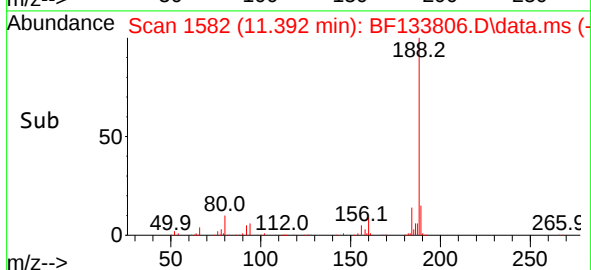
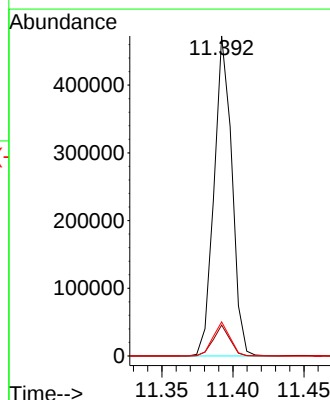
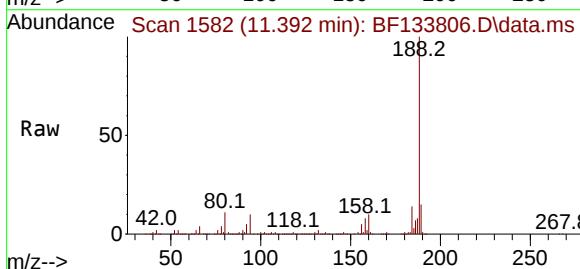
Tgt Ion: 188 Resp: 411743

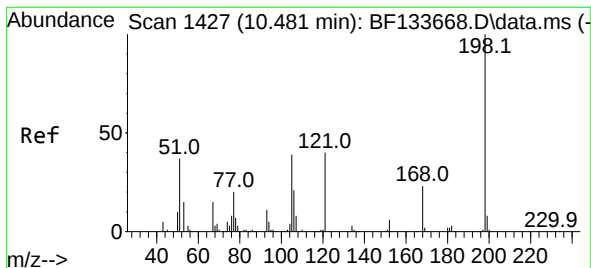
Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

80 10.7 7.8 11.6

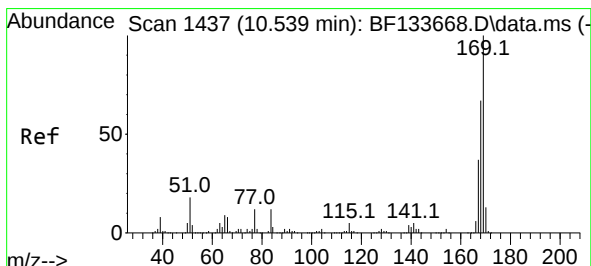
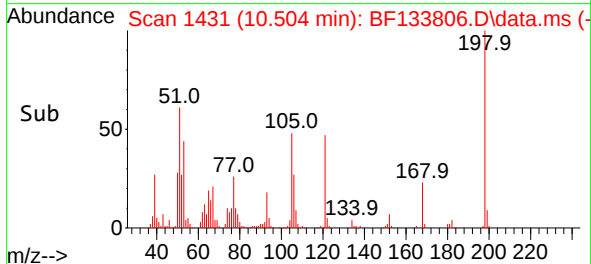
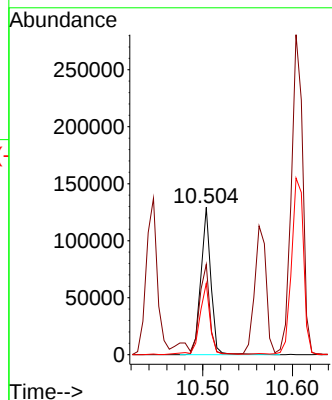
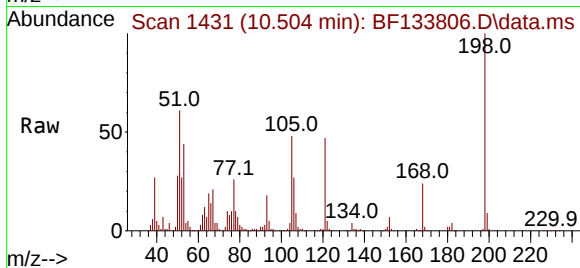




#65
4,6-Dinitro-2-methylphenol
Concen: 50.977 ng
RT: 10.504 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

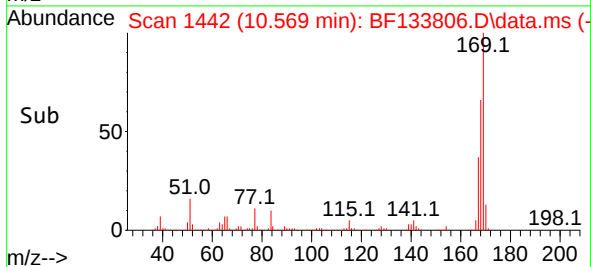
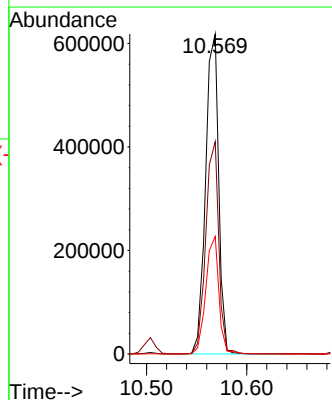
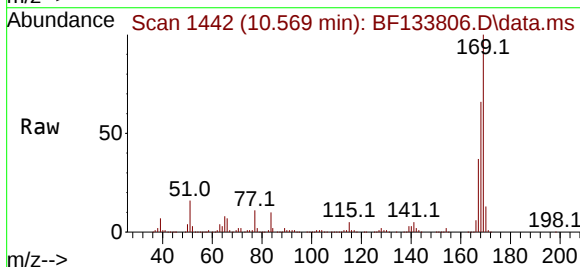
Instrument :
BNA_F
ClientSampleId :
PB153422BS

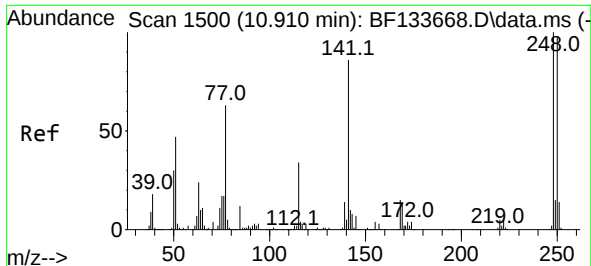
Tgt Ion:198 Resp: 100298
Ion Ratio Lower Upper
198 100
51 61.3 27.5 67.5
105 48.5 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 40.598 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:169 Resp: 561497
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 36.7 29.8 44.8

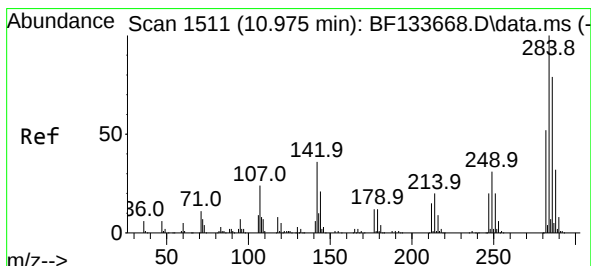
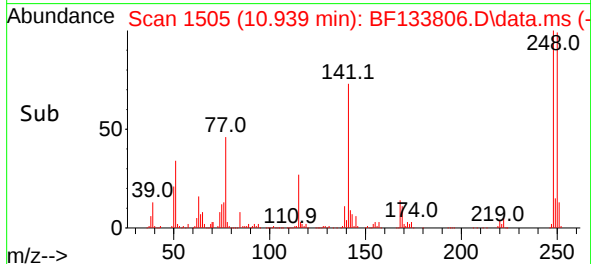
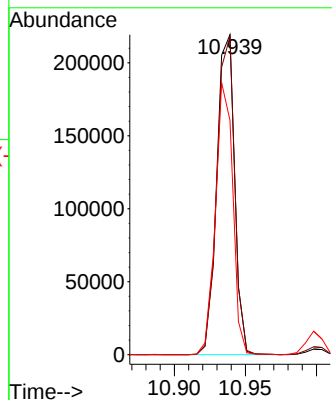
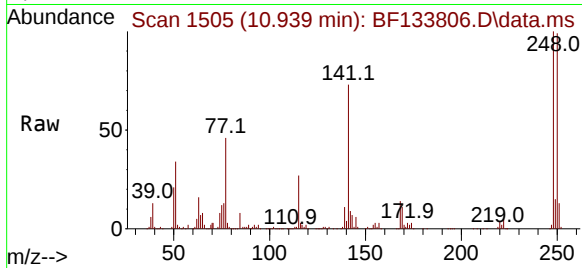




#67
4-Bromophenyl-phenylether
Concen: 41.769 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

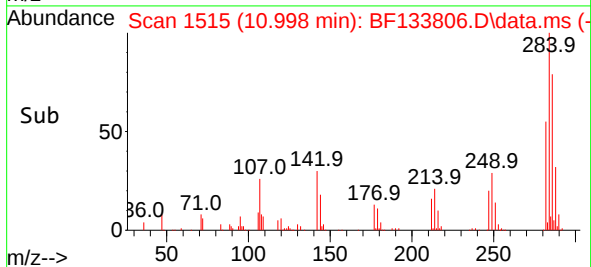
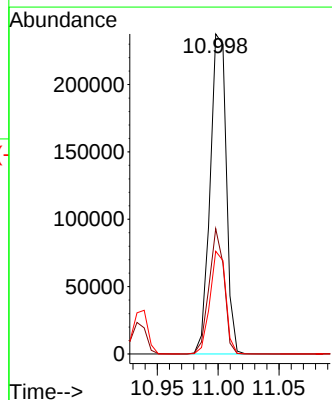
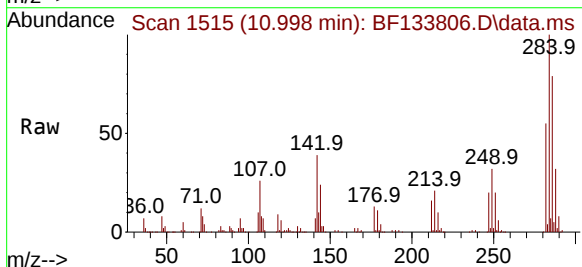
Instrument :
BNA_F
ClientSampleId :
PB153422BS

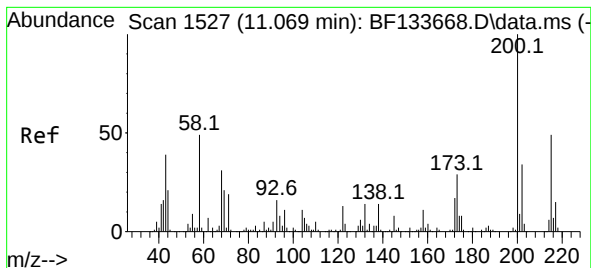
Tgt Ion:248 Resp: 191952
Ion Ratio Lower Upper
248 100
250 99.3 78.3 117.5
141 73.2 69.0 103.6



#68
Hexachlorobenzene
Concen: 45.440 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:284 Resp: 219593
Ion Ratio Lower Upper
284 100
142 39.2 28.6 42.8
249 32.1 24.6 36.8





#69

Atrazine

Concen: 50.763 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

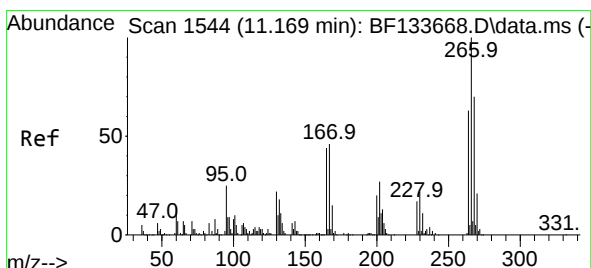
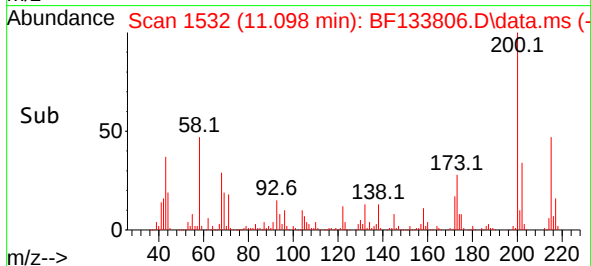
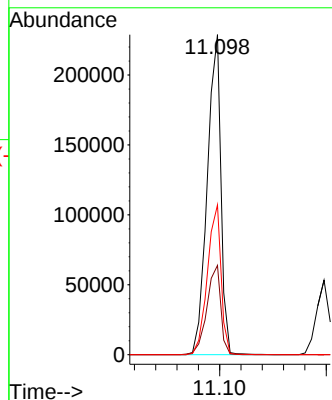
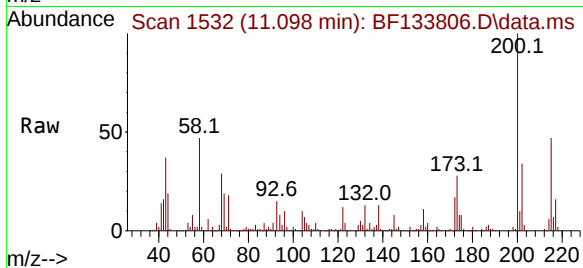
Tgt Ion:200 Resp: 203706

Ion Ratio Lower Upper

200 100

173 27.9 8.7 48.7

215 46.8 29.0 69.0



#70

Pentachlorophenol

Concen: 83.530 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

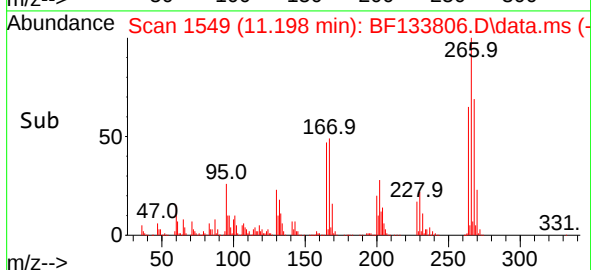
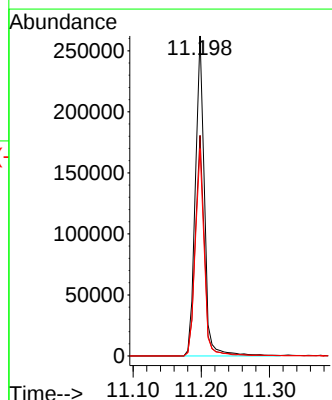
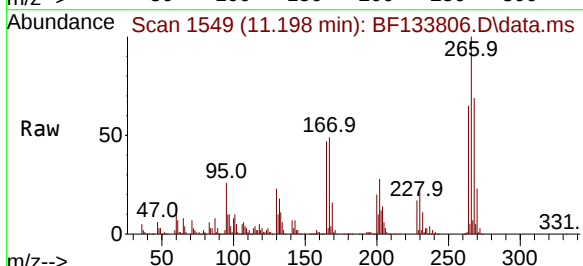
Tgt Ion:266 Resp: 241719

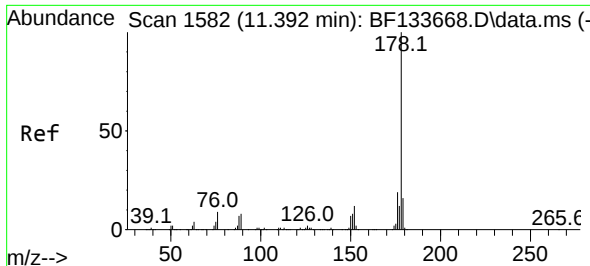
Ion Ratio Lower Upper

266 100

268 69.0 55.7 83.5

264 64.8 50.7 76.1

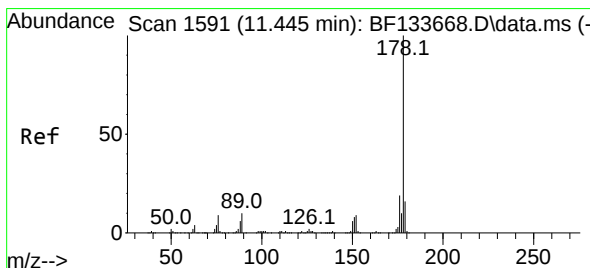
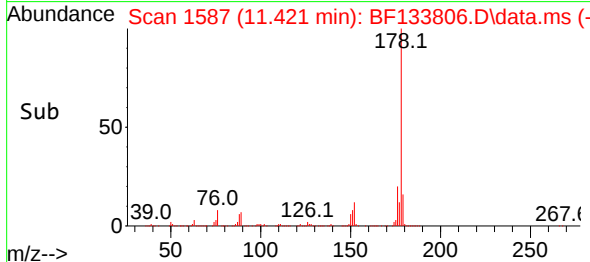
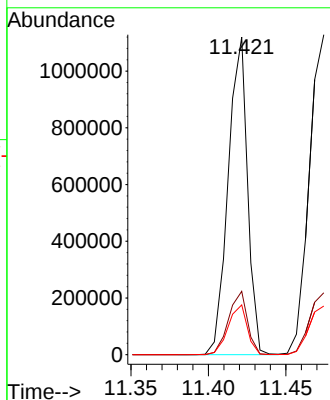
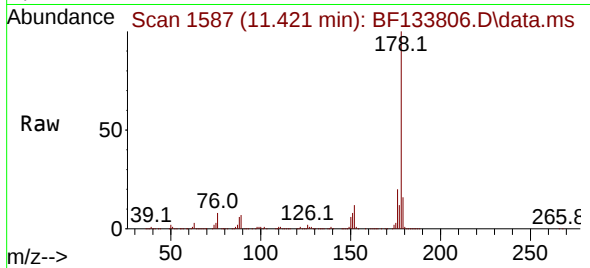




#71
Phenanthrene
Concen: 46.533 ng
RT: 11.421 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

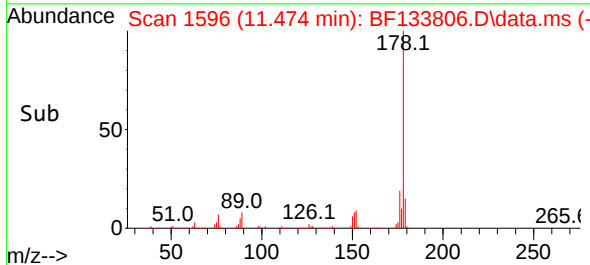
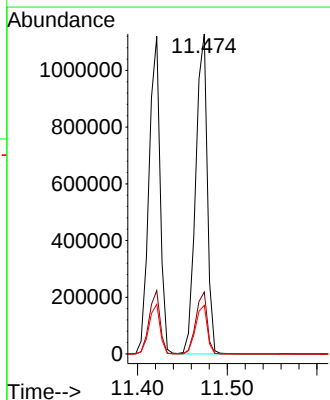
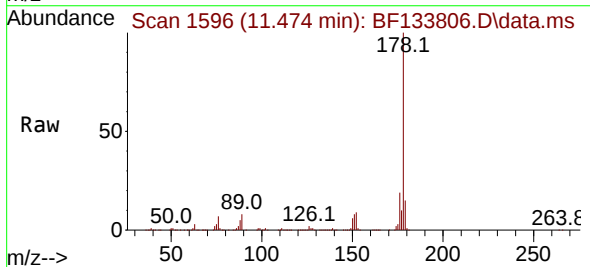
Instrument :
BNA_F
ClientSampleId :
PB153422BS

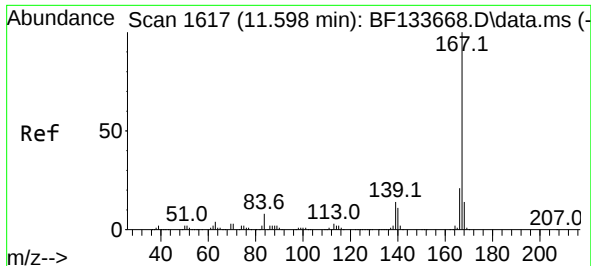
Tgt Ion:178 Resp: 972068
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.7 12.4 18.6



#72
Anthracene
Concen: 46.324 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:178 Resp: 1009018
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.2 12.6 18.8

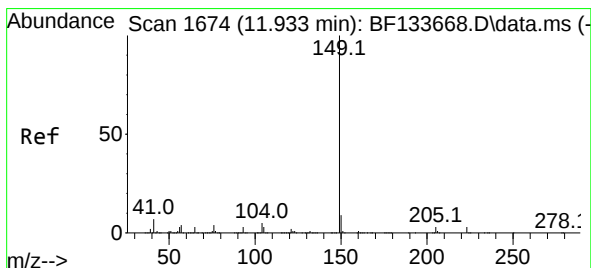
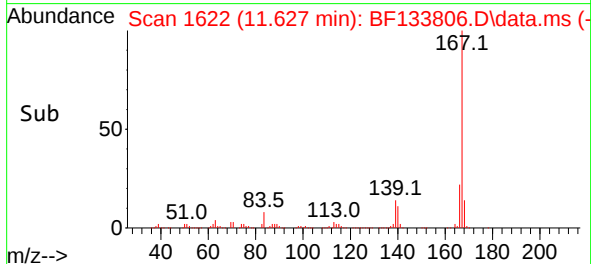
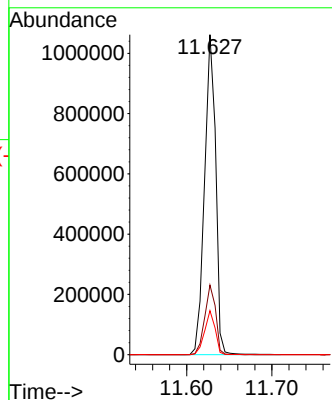
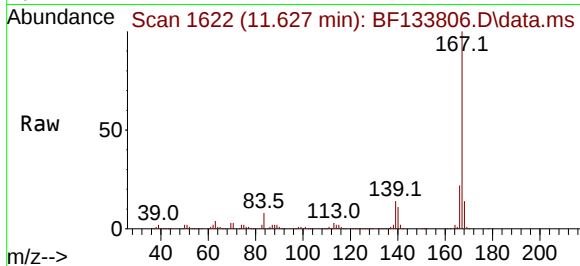




#73
Carbazole
Concen: 47.454 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

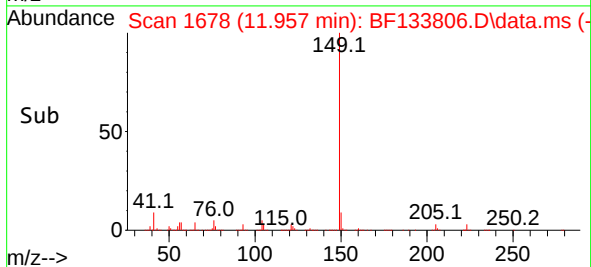
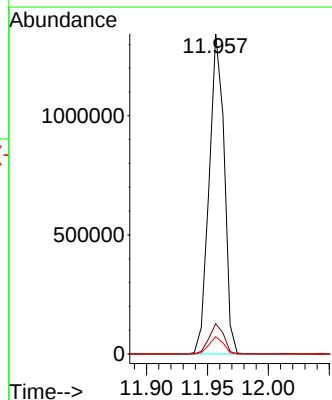
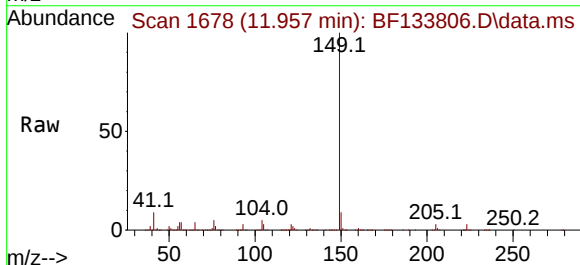
Instrument :
BNA_F
ClientSampleId :
PB153422BS

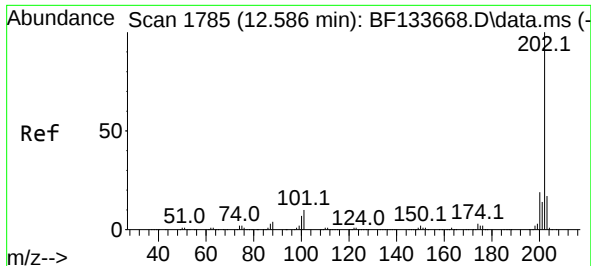
Tgt Ion:167 Resp: 962687
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 13.8 11.2 16.8



#74
Di-n-butylphthalate
Concen: 44.303 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:149 Resp: 1152194
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.4 3.8 5.8

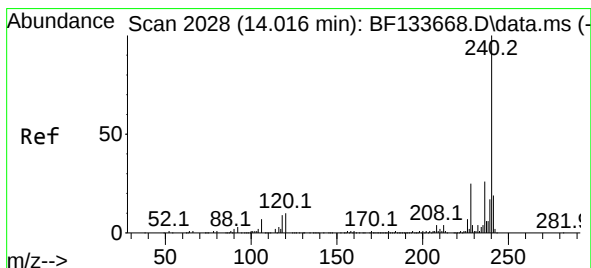
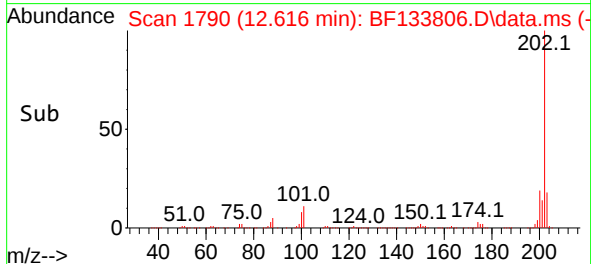
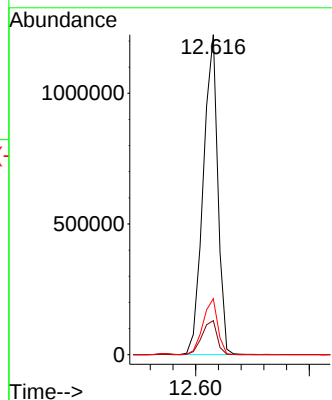
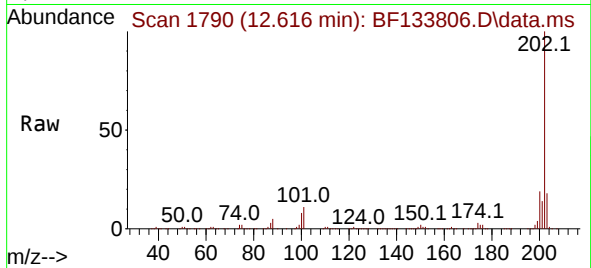




#75
Fluoranthene
Concen: 49.141 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

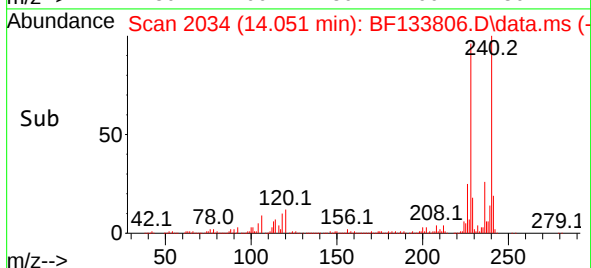
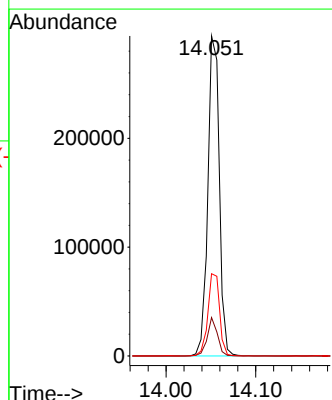
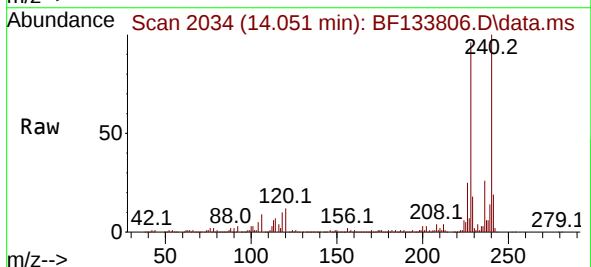
Instrument :
BNA_F
ClientSampleId :
PB153422BS

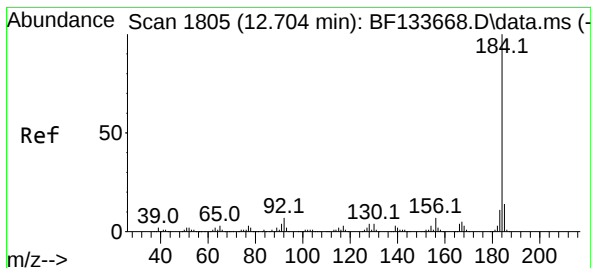
Tgt Ion:202 Resp: 1090122
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:240 Resp: 261332
Ion Ratio Lower Upper
240 100
120 12.0 8.1 12.1
236 25.7 20.5 30.7





#77

Benzidine

Concen: 79.312 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

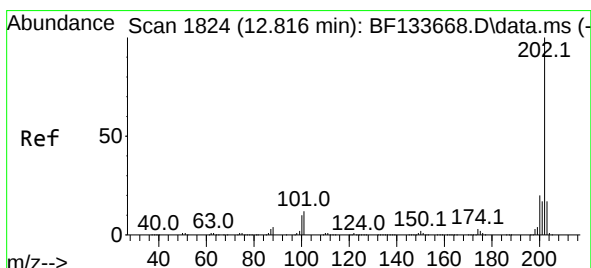
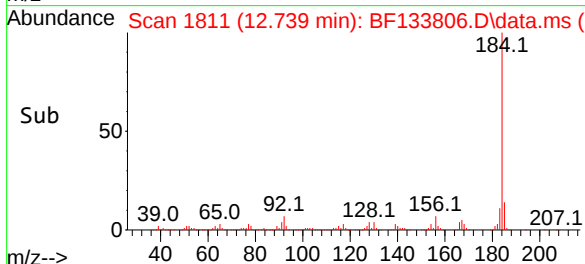
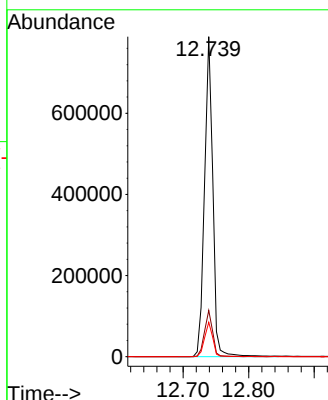
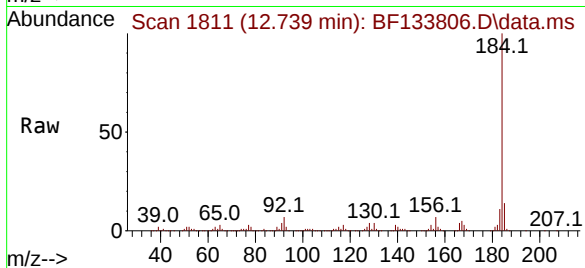
Tgt Ion:184 Resp: 695507

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.8 8.4 12.6



#78

Pyrene

Concen: 45.875 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

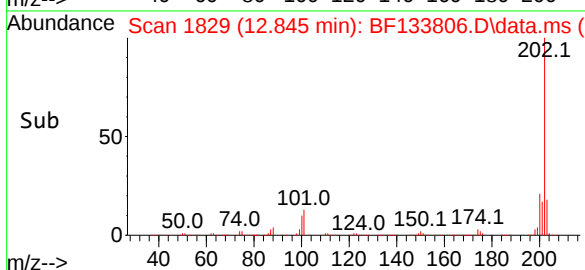
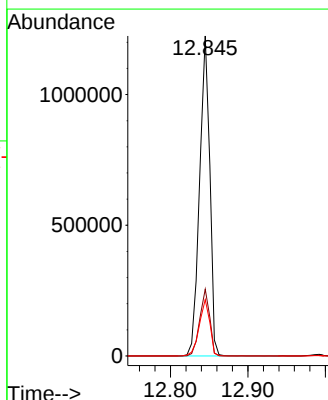
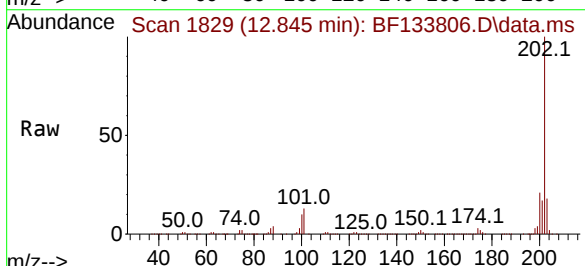
Tgt Ion:202 Resp: 1116792

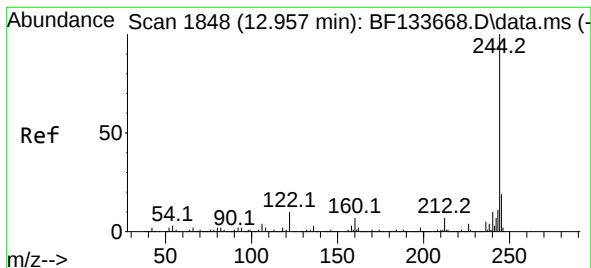
Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.2

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 93.608 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

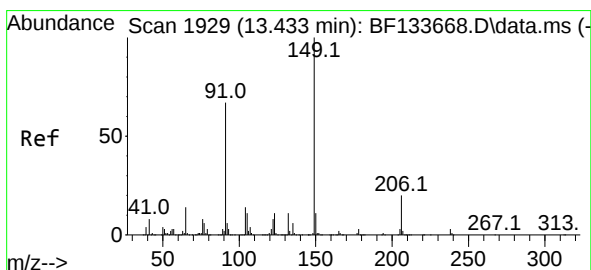
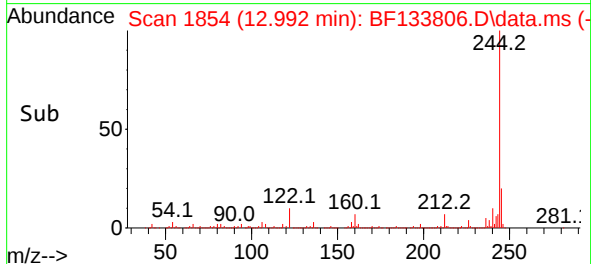
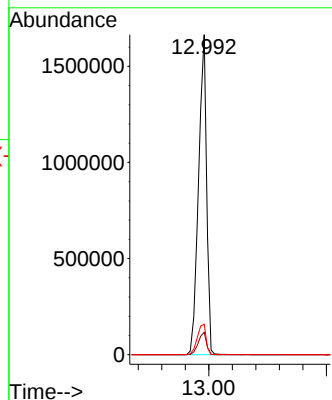
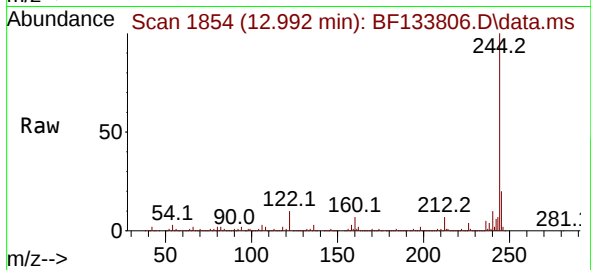
Tgt Ion:244 Resp: 1580943

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.5 8.1 12.1



#80

Butylbenzylphthalate

Concen: 44.484 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

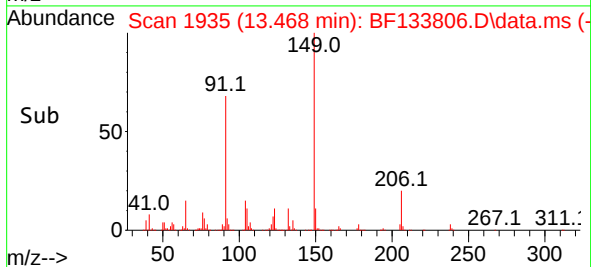
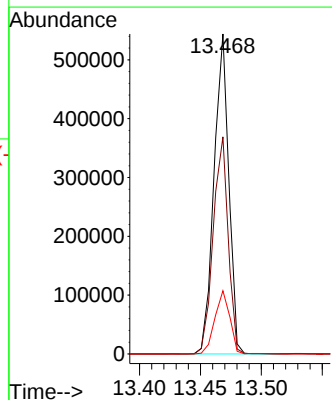
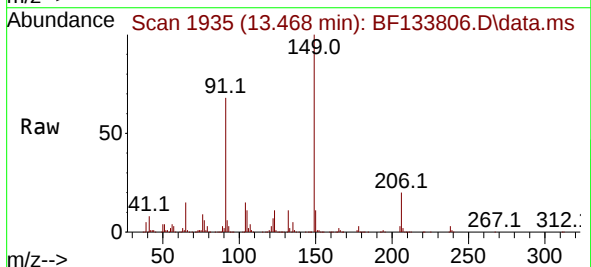
Tgt Ion:149 Resp: 457168

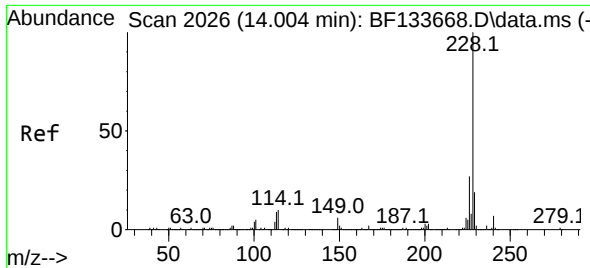
Ion Ratio Lower Upper

149 100

91 67.8 54.0 81.0

206 19.7 15.6 23.4

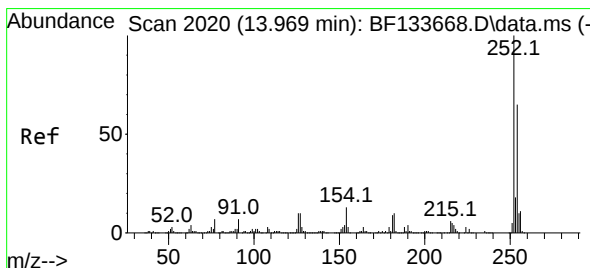
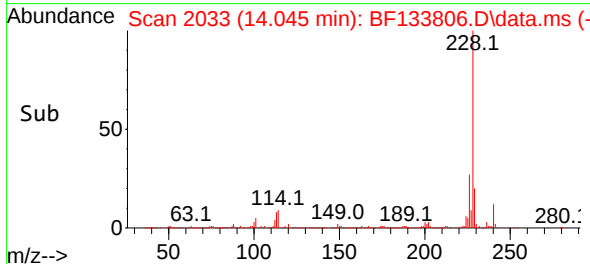
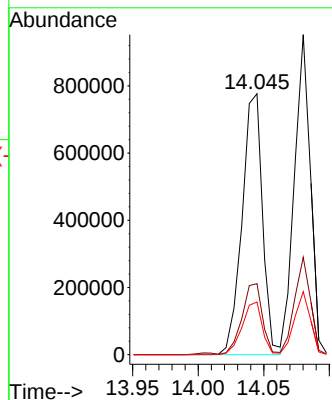
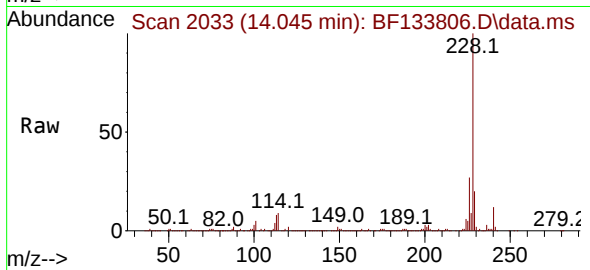




#81
Benzo(a)anthracene
Concen: 46.869 ng
RT: 14.045 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

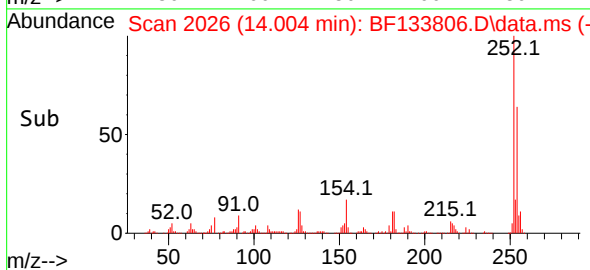
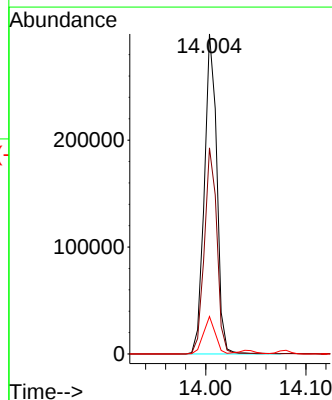
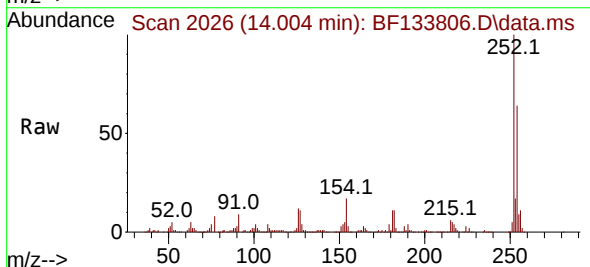
Instrument :
BNA_F
ClientSampleId :
PB153422BS

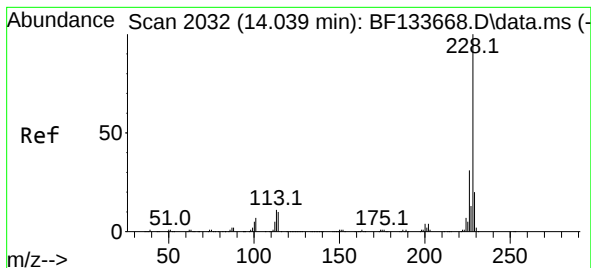
Tgt Ion:228 Resp: 847229
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 43.284 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:252 Resp: 260126
Ion Ratio Lower Upper
252 100
254 64.4 51.9 77.9
126 11.7 7.7 11.5#





#83

Chrysene

Concen: 47.424 ng

RT: 14.080 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

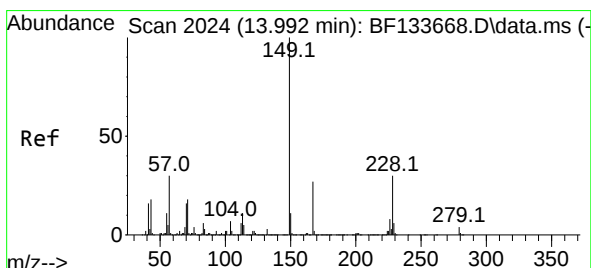
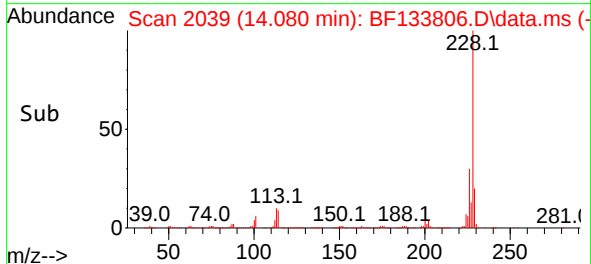
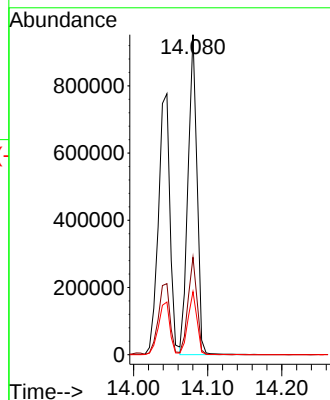
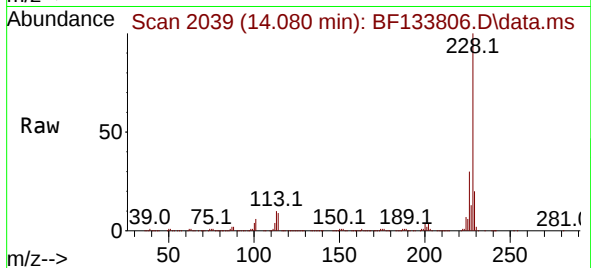
Tgt Ion:228 Resp: 810814

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.763 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

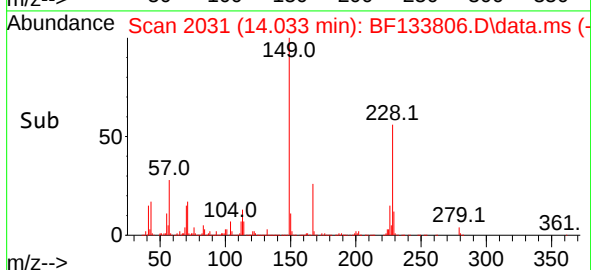
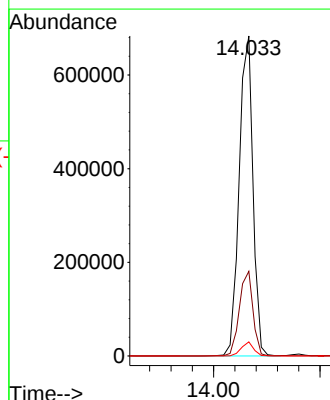
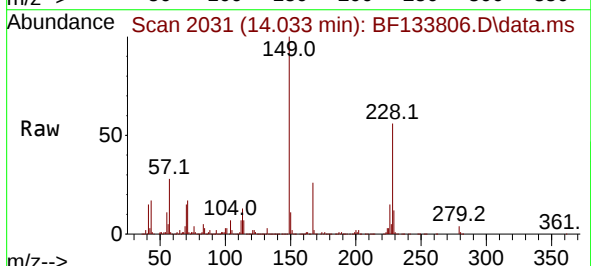
Tgt Ion:149 Resp: 617061

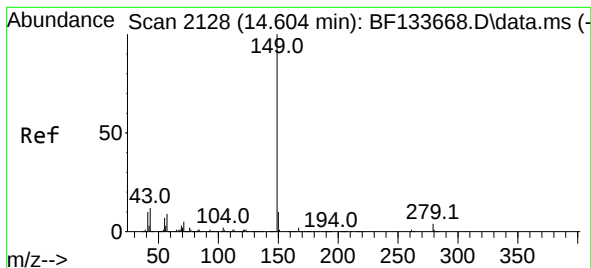
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.816 ng

RT: 14.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

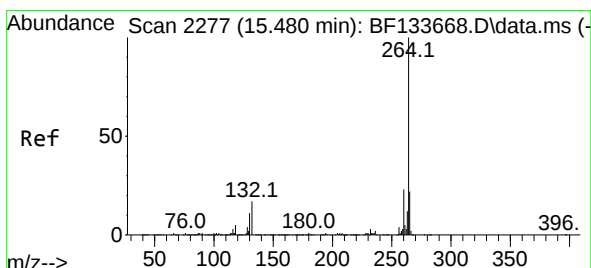
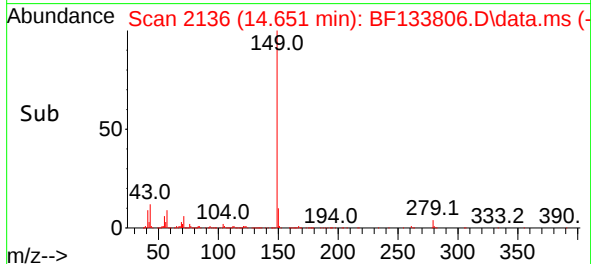
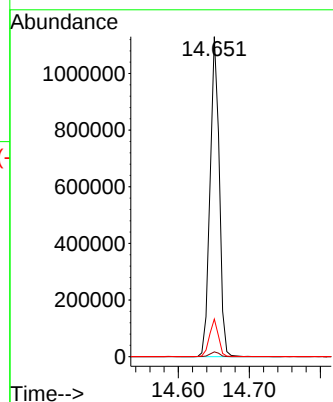
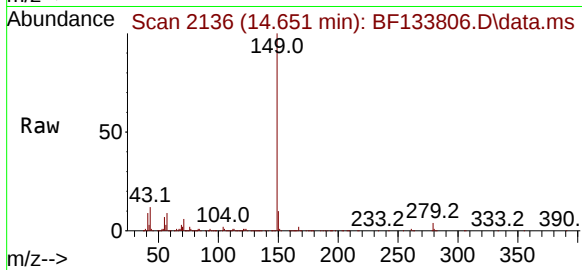
Tgt Ion:149 Resp: 1021696

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. -0.006 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

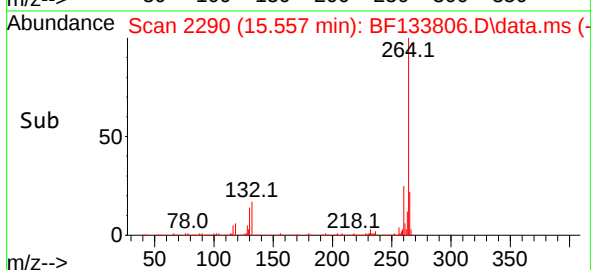
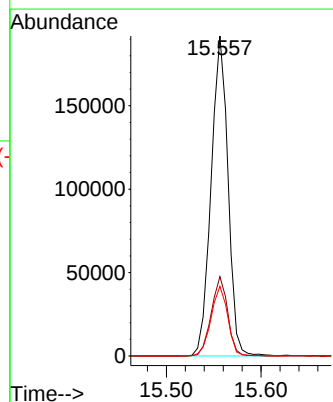
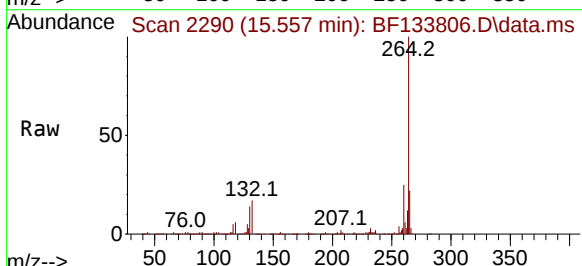
Tgt Ion:264 Resp: 236897

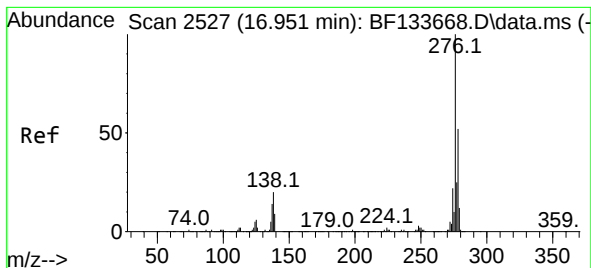
Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.519 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

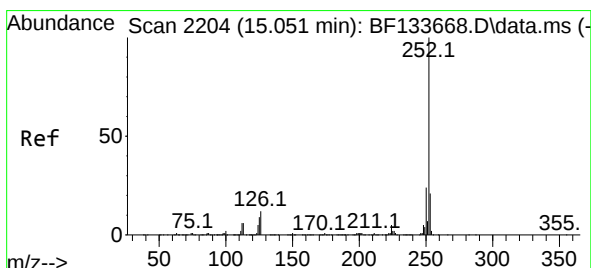
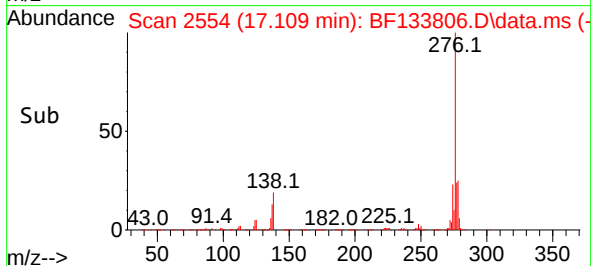
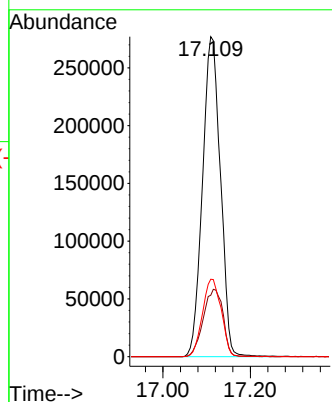
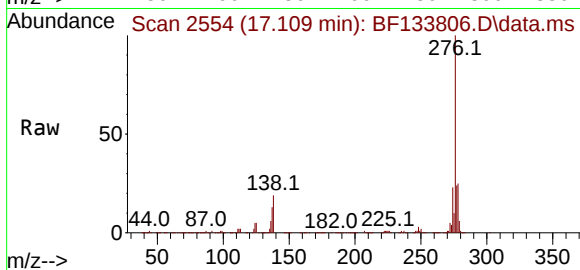
Tgt Ion:276 Resp: 790767

Ion Ratio Lower Upper

276 100

138 23.2 17.9 26.9

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 51.317 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

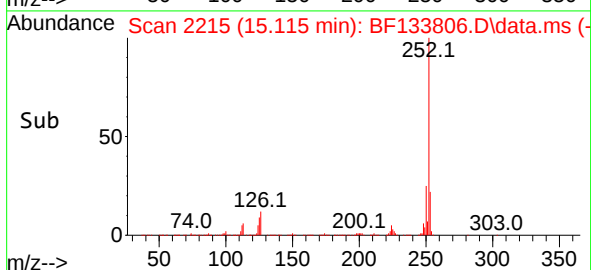
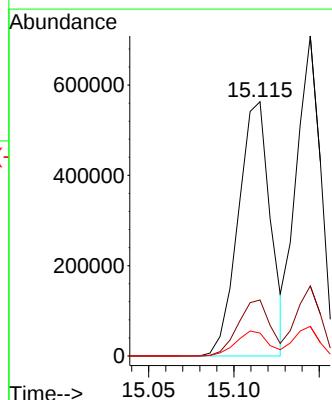
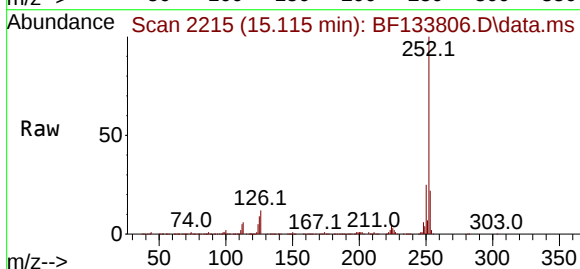
Tgt Ion:252 Resp: 738478

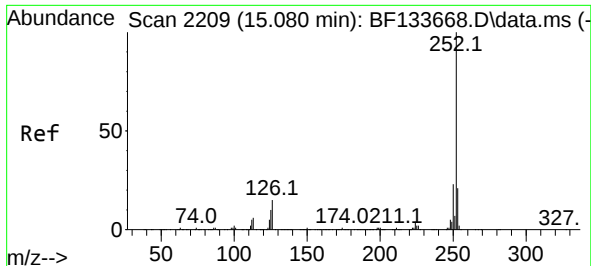
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 50.630 ng

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB153422BS

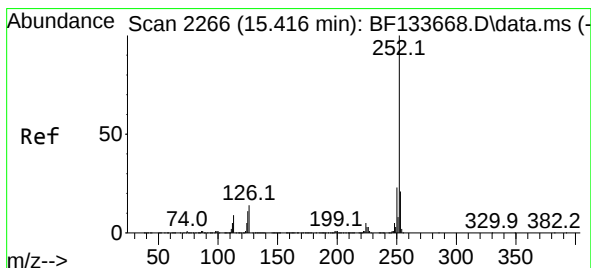
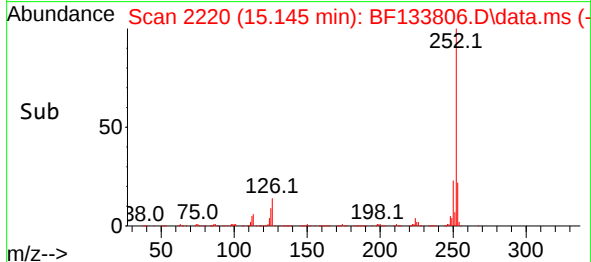
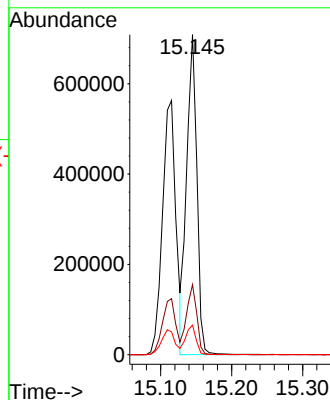
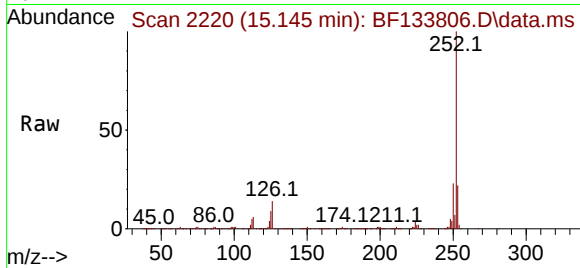
Tgt Ion:252 Resp: 709726

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.3 7.8 11.6



#90

Benzo(a)pyrene

Concen: 47.132 ng

RT: 15.498 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF133806.D

Acq: 16 Jun 2023 14:43

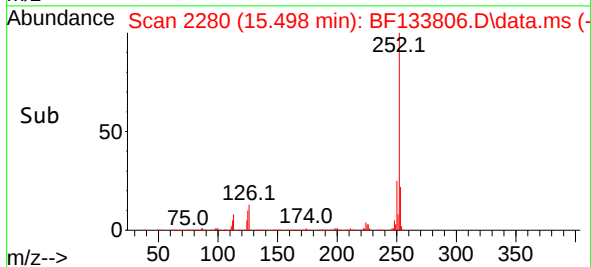
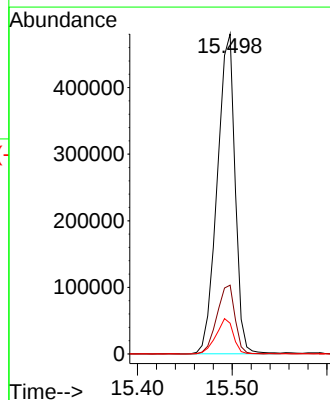
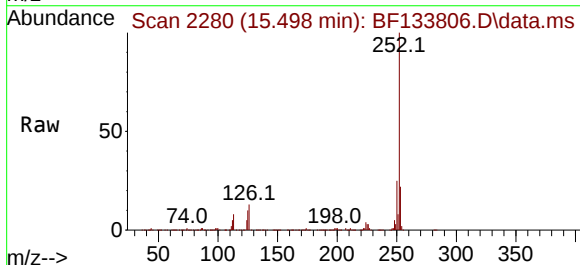
Tgt Ion:252 Resp: 629465

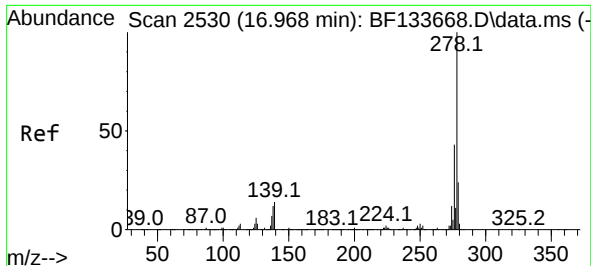
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.6 8.6 13.0

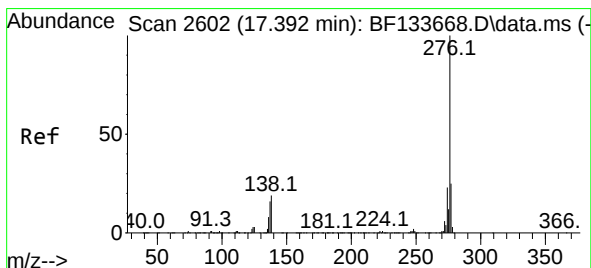
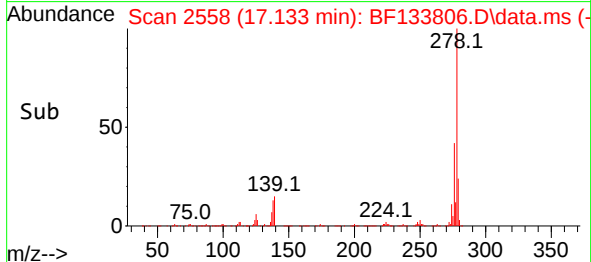
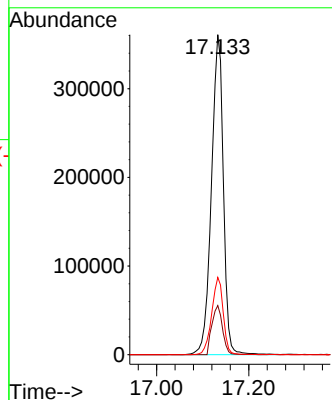
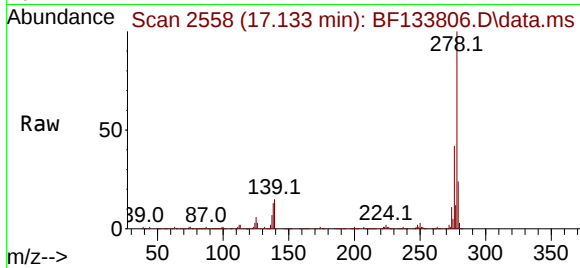




#91
Dibenzo(a,h)anthracene
Concen: 48.152 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB153422BS

Tgt Ion:278 Resp: 649702
Ion Ratio Lower Upper
278 100
139 15.4 11.4 17.2
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.075 ng
RT: 17.592 min Scan# 2636
Delta R.T. -0.000 min
Lab File: BF133806.D
Acq: 16 Jun 2023 14:43

Tgt Ion:276 Resp: 656523
Ion Ratio Lower Upper
276 100
277 23.2 19.8 29.8
138 18.0 15.0 22.4

