

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133933.D
 Acq On : 23 Jun 2023 09:44
 Operator : CG\JU
 Sample : PB153615BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

Quant Time: Jun 25 02:35:06 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 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	121828	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	473831	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	246153	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	490603	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252492	20.000	ng	0.00
86) Perylene-d12	15.557	264	234685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	818208	116.920	ng	0.01
7) Phenol-d6	6.504	99	997497	109.507	ng	0.00
23) Nitrobenzene-d5	7.428	82	677747	77.907	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	339520	108.965	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1224805	70.732	ng	0.00
79) Terphenyl-d14	12.992	244	1437024	88.065	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	99389	32.305	ng	99
3) Pyridine	3.493	79	243796	27.187	ng	99
4) n-Nitrosodimethylamine	3.446	42	187795	37.886	ng	96
6) Aniline	6.528	93	379169	33.049	ng	97
8) 2-Chlorophenol	6.645	128	326394	44.258	ng	98
9) Benzaldehyde	6.416	77	161649	26.748	ng	98
10) Phenol	6.516	94	389835	40.985	ng	90
11) bis(2-Chloroethyl)ether	6.598	93	293447	41.557	ng	97
12) 1,3-Dichlorobenzene	6.804	146	335571	42.588	ng	100
13) 1,4-Dichlorobenzene	6.881	146	341076	42.827	ng	98
14) 1,2-Dichlorobenzene	7.028	146	328039	45.585	ng	100
15) Benzyl Alcohol	7.004	79	296806	41.719	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	515709	43.083	ng	99
17) 2-Methylphenol	7.116	107	266177	40.721	ng	99
18) Hexachloroethane	7.369	117	129520	47.505	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	226793	39.132	ng	96
20) 3+4-Methylphenols	7.269	107	319669	37.593	ng	# 88
22) Acetophenone	7.275	105	443620	40.821	ng	# 97
24) Nitrobenzene	7.445	77	356067	40.648	ng	98
25) Isophorone	7.681	82	637394	39.909	ng	100
26) 2-Nitrophenol	7.757	139	178064	45.294	ng	97
27) 2,4-Dimethylphenol	7.798	122	279611	41.265	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	366676	39.723	ng	99
29) 2,4-Dichlorophenol	7.998	162	273094	41.122	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	285318	41.179	ng	97
31) Naphthalene	8.163	128	906130	39.252	ng	99
32) Benzoic acid	7.928	122	211744	49.548	ng	93
33) 4-Chloroaniline	8.210	127	184150	18.656	ng	99
34) Hexachlorobutadiene	8.275	225	179044	39.468	ng	98
35) Caprolactam	8.598	113	65868	29.476	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	311133	40.645	ng	98
37) 2-Methylnaphthalene	8.857	142	617617	38.505	ng	100
38) 1-Methylnaphthalene	8.957	142	568503	38.517	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	288236	38.517	ng	98
41) Hexachlorocyclopentadiene	9.010	237	314385	94.275	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	198689	39.733	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133933.D
 Acq On : 23 Jun 2023 09:44
 Operator : CG\JU
 Sample : PB153615BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

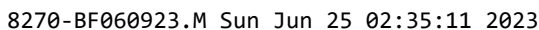
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

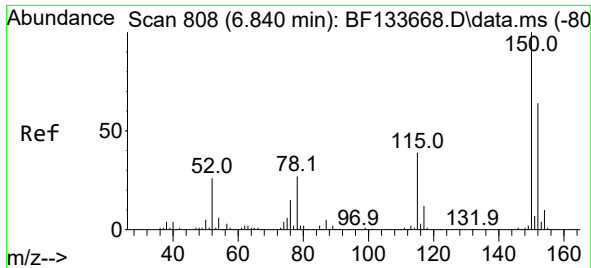
Quant Time: Jun 25 02:35:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	216165	37.157	ng	98
46) 1,1'-Biphenyl	9.322	154	775275	39.052	ng	99
47) 2-Chloronaphthalene	9.351	162	570503	40.062	ng	98
48) 2-Nitroaniline	9.445	65	208026	39.942	ng	96
49) Acenaphthylene	9.763	152	951774	38.400	ng	99
50) Dimethylphthalate	9.628	163	687132	37.398	ng	100
51) 2,6-Dinitrotoluene	9.692	165	156256	41.202	ng	91
52) Acenaphthene	9.939	154	557904	38.455	ng	99
53) 3-Nitroaniline	9.863	138	138871	30.090	ng	96
54) 2,4-Dinitrophenol	9.975	184	178943	95.375	ng	95
55) Dibenzofuran	10.110	168	847297	38.274	ng	96
56) 4-Nitrophenol	10.033	139	263276	84.527	ng	90
57) 2,4-Dinitrotoluene	10.098	165	209600	43.457	ng	98
58) Fluorene	10.457	166	670770	39.622	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	187262	42.994	ng	98
60) Diethylphthalate	10.328	149	710801	38.011	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	315312	37.728	ng	99
62) 4-Nitroaniline	10.480	138	178884	39.532	ng	94
63) Azobenzene	10.610	77	668540	37.765	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	117359	50.061	ng	86
66) n-Nitrosodiphenylamine	10.569	169	594157	36.054	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	200717	36.655	ng	96
68) Hexachlorobenzene	11.004	284	227219	39.460	ng	96
69) Atrazine	11.098	200	204585	42.787	ng	99
70) Pentachlorophenol	11.204	266	238104	69.055	ng	97
71) Phenanthrene	11.422	178	974083	39.134	ng	99
72) Anthracene	11.474	178	995813	38.369	ng	99
73) Carbazole	11.633	167	956291	39.562	ng	99
74) Di-n-butylphthalate	11.957	149	1136599	36.678	ng	99
75) Fluoranthene	12.616	202	1061058	40.143	ng	99
77) Benzidine	12.739	184	259569	30.636	ng	98
78) Pyrene	12.851	202	1061751	45.141	ng	99
80) Butylbenzylphthalate	13.468	149	404044	40.691	ng	99
81) Benzo(a)anthracene	14.045	228	697065	39.912	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	181058	31.182	ng	# 97
83) Chrysene	14.080	228	651304	39.428	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	462877	37.859	ng	99
85) Di-n-octyl phthalate	14.651	149	639301	36.796	ng	100
87) Indeno(1,2,3-cd)pyrene	17.121	276	750222	46.466	ng	99
88) Benzo(b)fluoranthene	15.115	252	591546	41.494	ng	99
89) Benzo(k)fluoranthene	15.145	252	585081	42.131	ng	100
90) Benzo(a)pyrene	15.498	252	535227	40.453	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	613941	45.930	ng	99
92) Benzo(g,h,i)perylene	17.592	276	619169	46.719	ng	97

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

Quant Time: Jun 25 02:35:06 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 23 02:21:26 2023
Response via : Initial Calibration

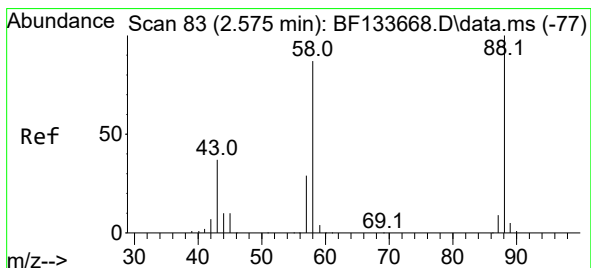
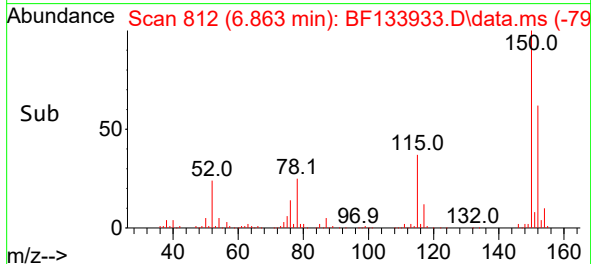
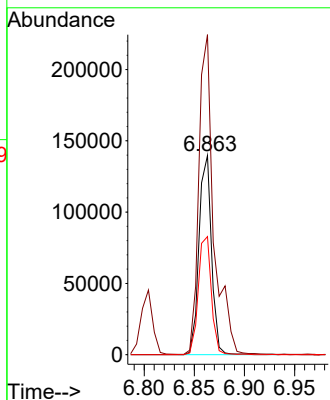
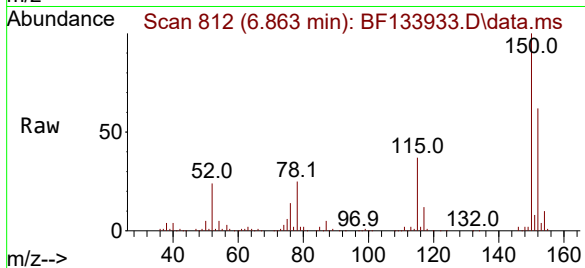




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

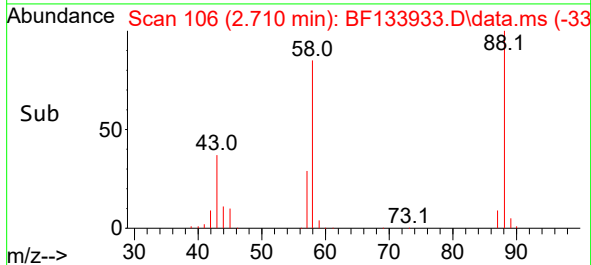
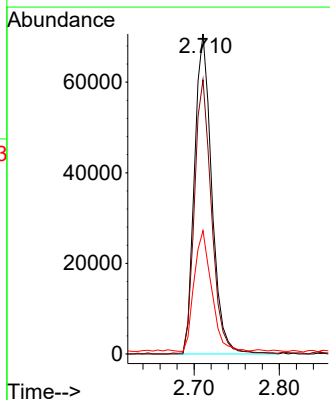
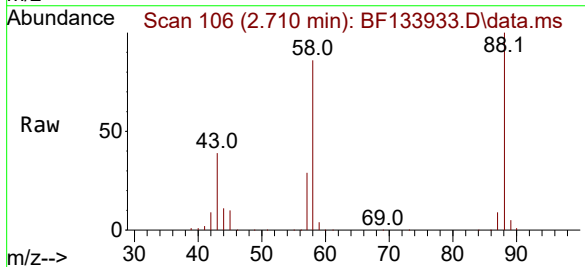
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

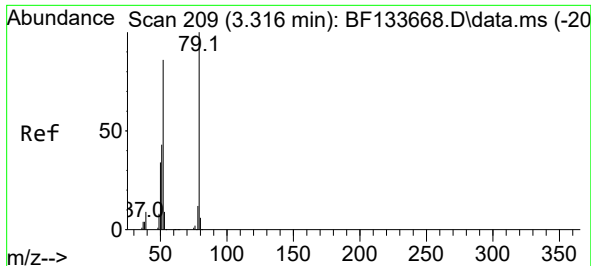
Tgt Ion:152 Resp: 121828
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.3 186.5
 115 59.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 32.305 ng
 RT: 2.710 min Scan# 106
 Delta R.T. 0.077 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

Tgt Ion: 88 Resp: 99389
 Ion Ratio Lower Upper
 88 100
 58 85.4 67.8 101.6
 43 37.7 29.8 44.6

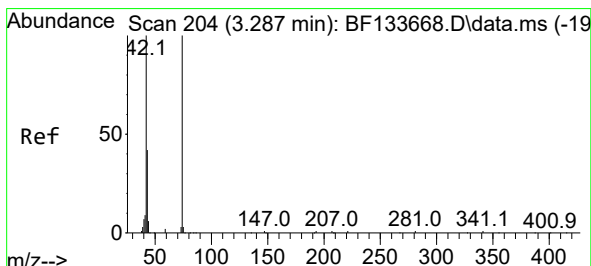
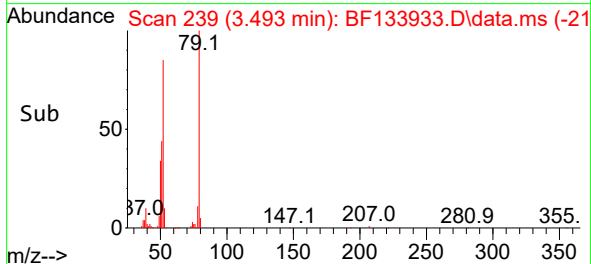
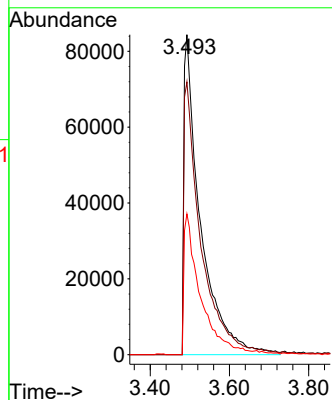
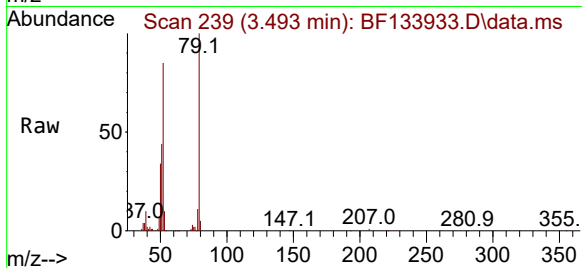




#3
 Pyridine
 Concen: 27.187 ng
 RT: 3.493 min Scan# 21
 Delta R.T. 0.071 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

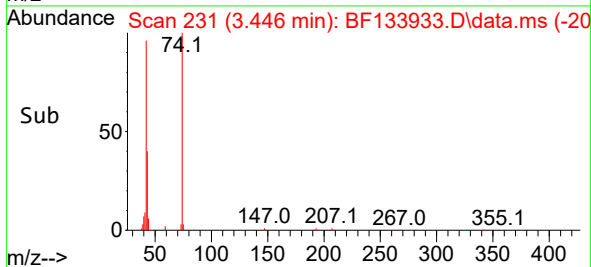
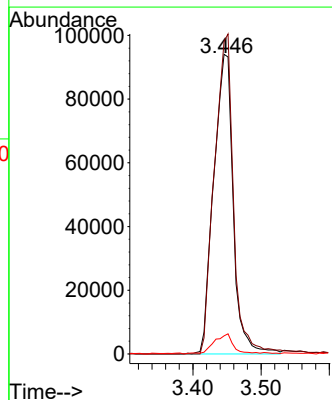
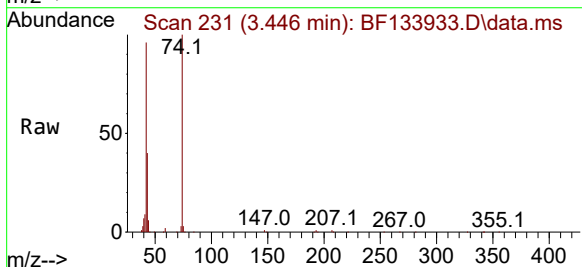
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

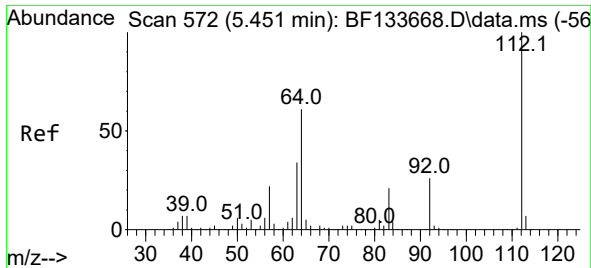
Tgt Ion: 79 Resp: 243796
 Ion Ratio Lower Upper
 79 100
 52 85.2 68.6 102.8
 51 44.0 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 37.886 ng
 RT: 3.446 min Scan# 231
 Delta R.T. 0.065 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

Tgt Ion: 42 Resp: 187795
 Ion Ratio Lower Upper
 42 100
 74 104.2 79.8 119.8
 44 6.0 4.7 7.1

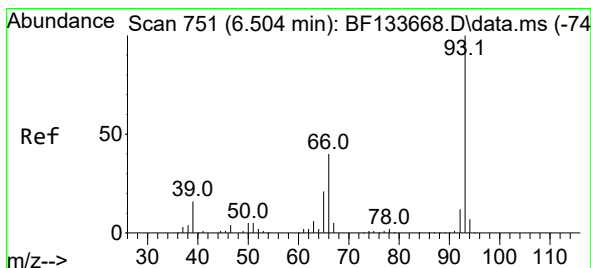
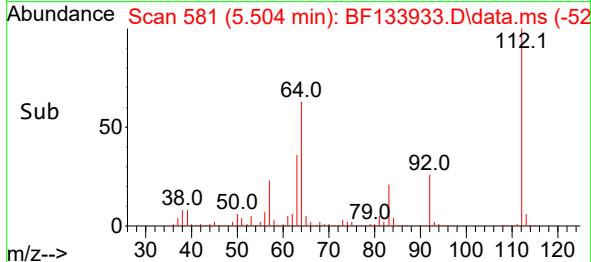
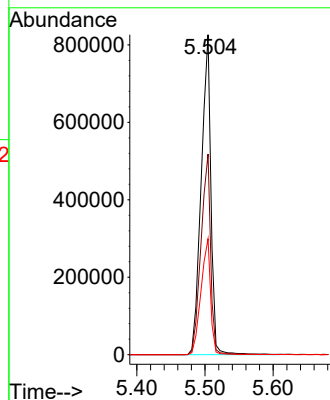
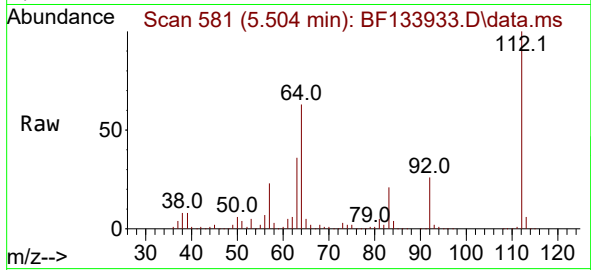




#5
2-Fluorophenol
Concen: 116.920 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

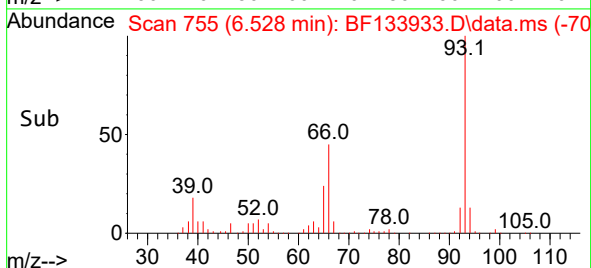
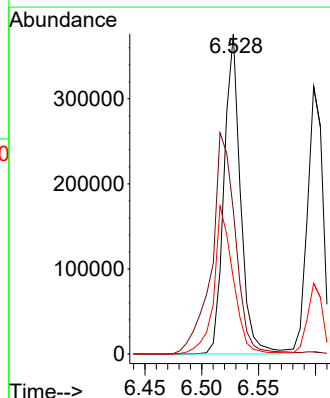
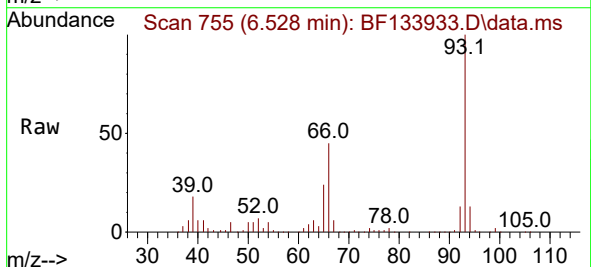
Instrument :
BNA_F
ClientSampleId :
PB153615BS

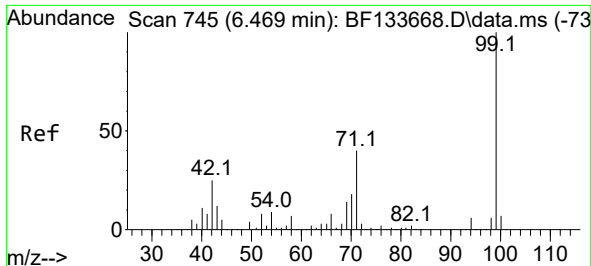
Tgt Ion:112 Resp: 818208
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 36.2 26.8 40.2



#6
Aniline
Concen: 33.049 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 93 Resp: 379169
Ion Ratio Lower Upper
93 100
66 44.9 34.4 51.6
65 23.6 17.5 26.3

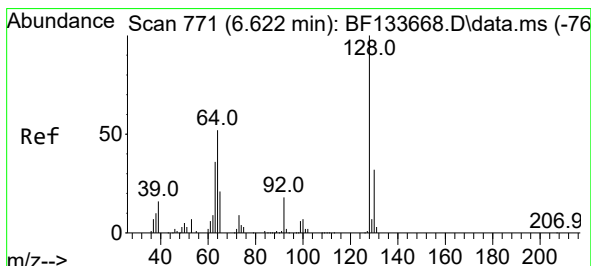
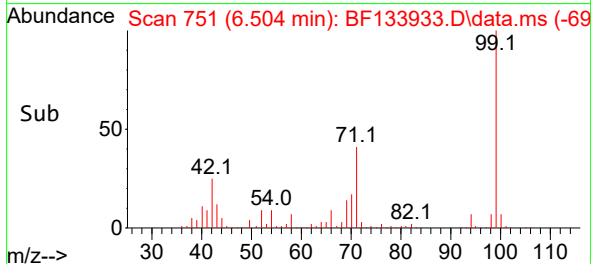
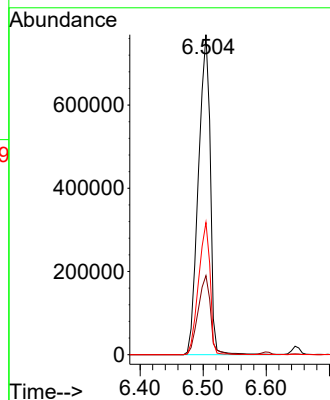
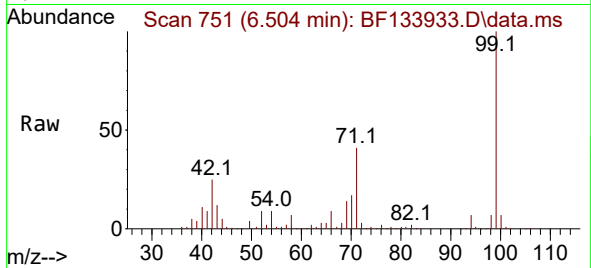




#7
Phenol-d6
Concen: 109.507 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

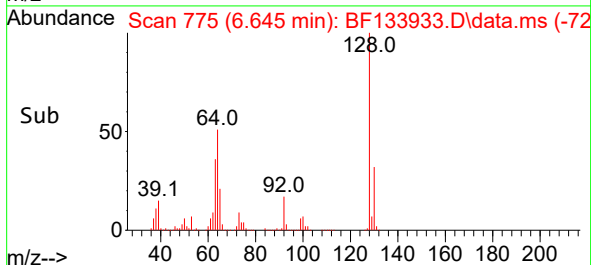
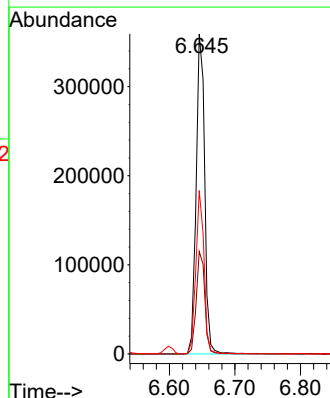
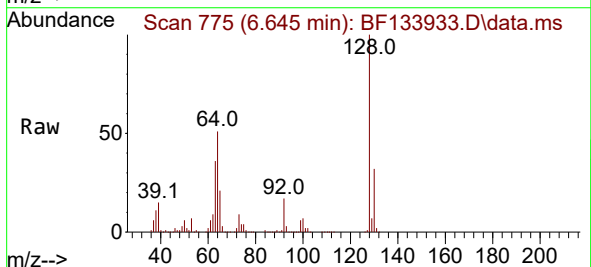
Instrument :
BNA_F
ClientSampleId :
PB153615BS

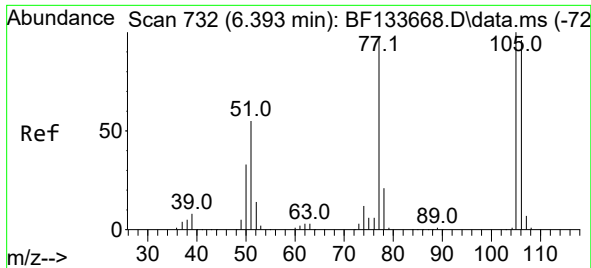
Tgt Ion: 99 Resp: 997497
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 41.3 32.2 48.4



#8
2-Chlorophenol
Concen: 44.258 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 128 Resp: 326394
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 51.1 33.1 73.1





#9

Benzaldehyde

Concen: 26.748 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

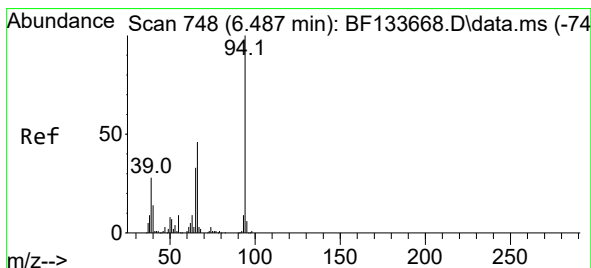
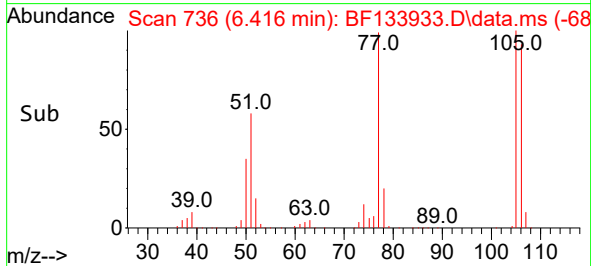
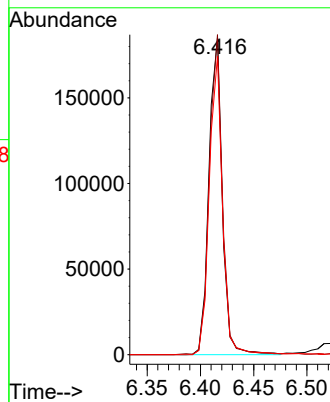
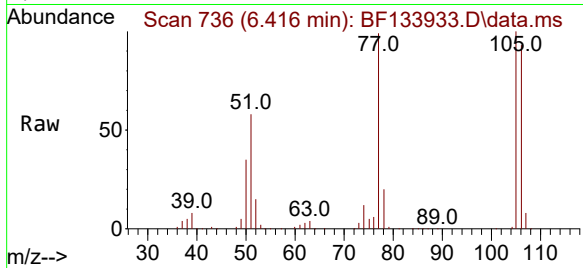
Tgt Ion: 77 Resp: 161649

Ion Ratio Lower Upper

77 100

105 101.0 82.0 122.0

106 94.2 77.6 117.6



#10

Phenol

Concen: 40.985 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

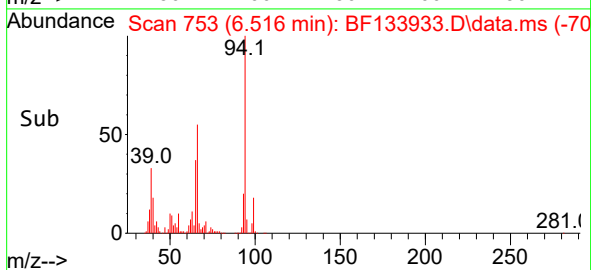
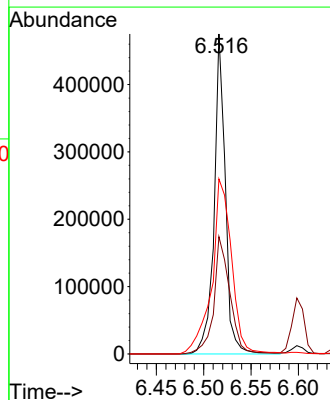
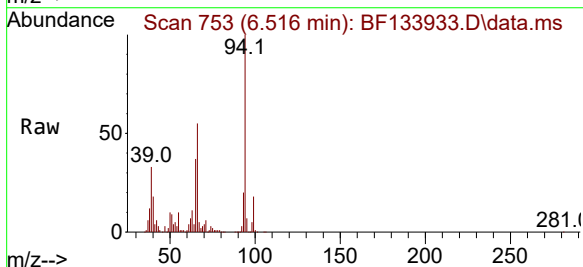
Tgt Ion: 94 Resp: 389835

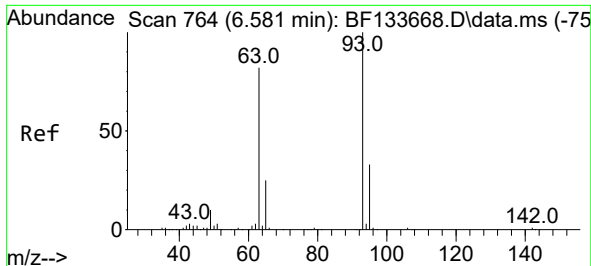
Ion Ratio Lower Upper

94 100

65 36.6 13.2 53.2

66 54.7 26.1 66.1

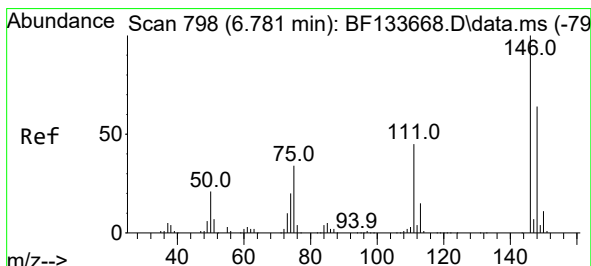
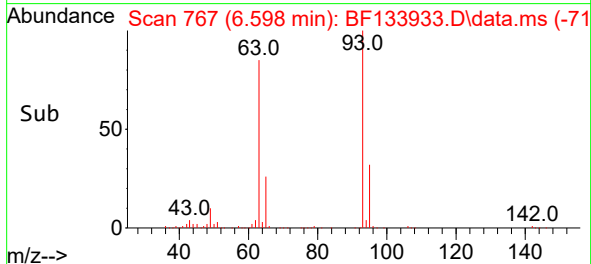
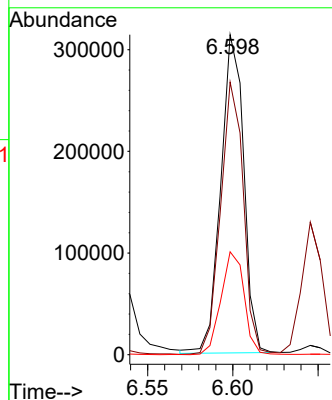
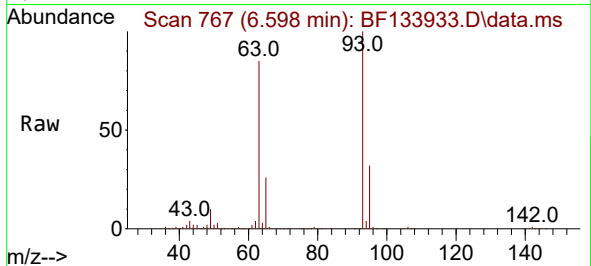




#11
bis(2-Chloroethyl)ether
Concen: 41.557 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

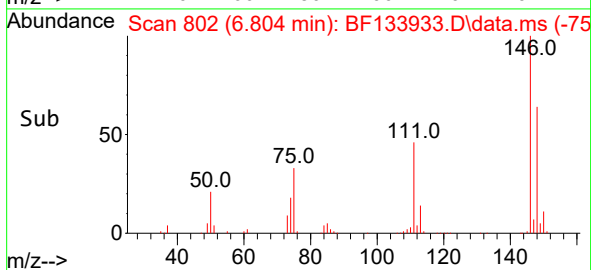
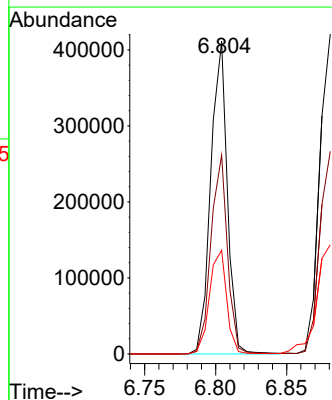
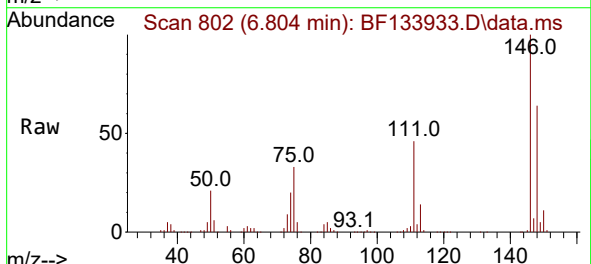
Instrument :
BNA_F
ClientSampleId :
PB153615BS

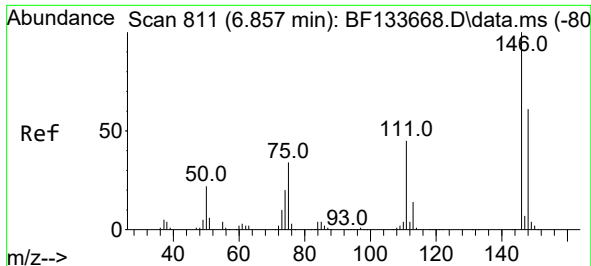
Tgt Ion: 93 Resp: 293447
Ion Ratio Lower Upper
93 100
63 85.2 62.1 102.1
95 32.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.588 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:146 Resp: 335571
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 33.2 27.1 40.7

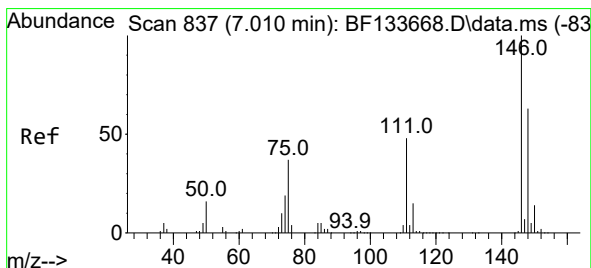
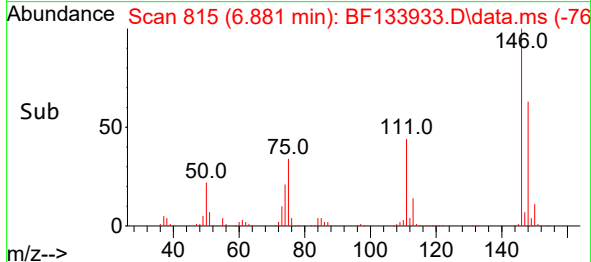
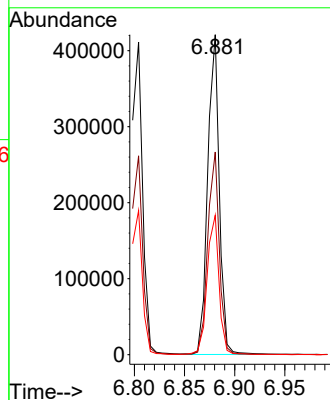
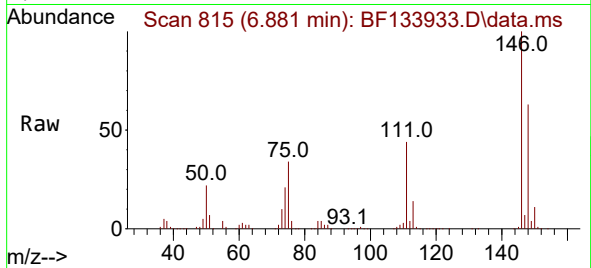




#13
1,4-Dichlorobenzene
Concen: 42.827 ng
RT: 6.881 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

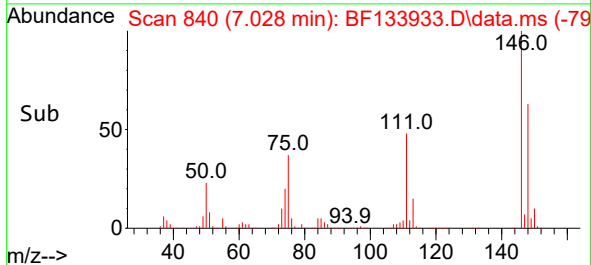
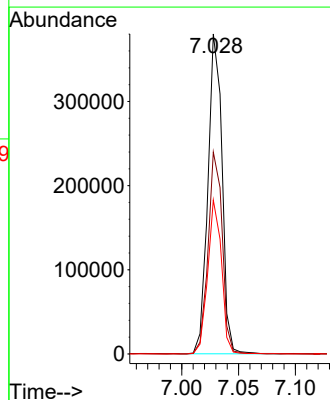
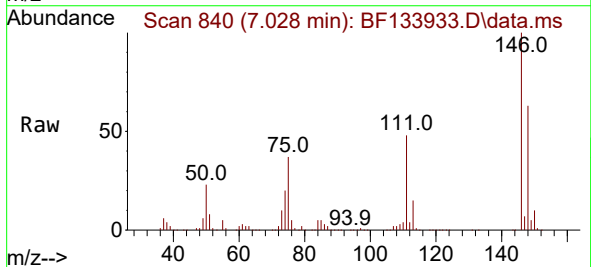
Instrument :
BNA_F
ClientSampleId :
PB153615BS

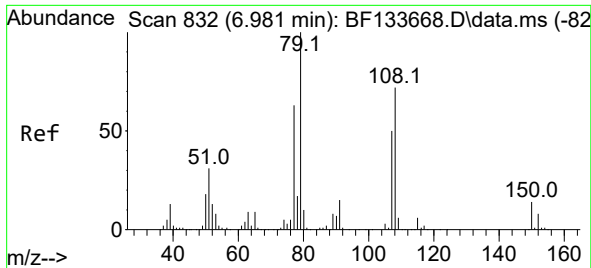
Tgt Ion:146 Resp: 341076
Ion Ratio Lower Upper
146 100
148 63.4 48.9 73.3
111 43.6 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 45.585 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:146 Resp: 328039
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
111 48.1 38.7 58.1

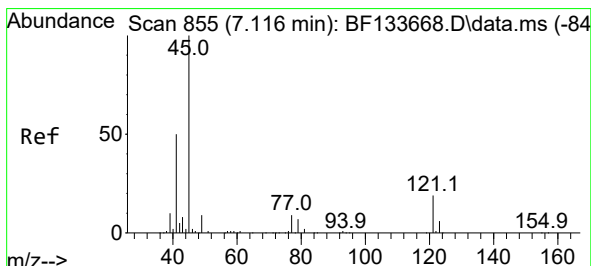
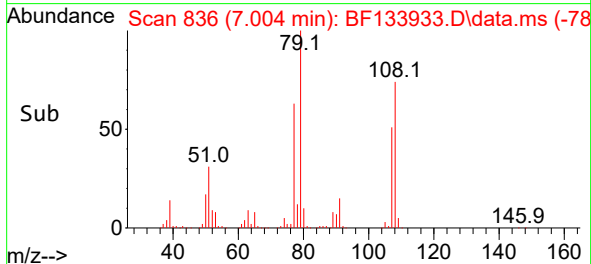
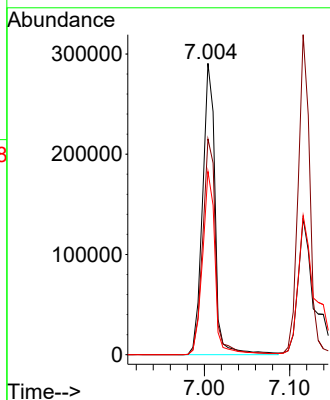
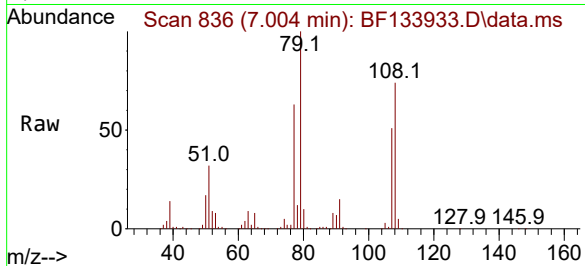




#15
Benzyl Alcohol
Concen: 41.719 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

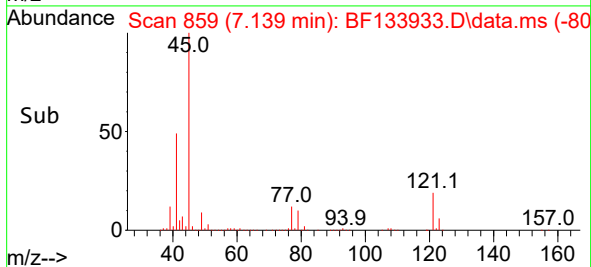
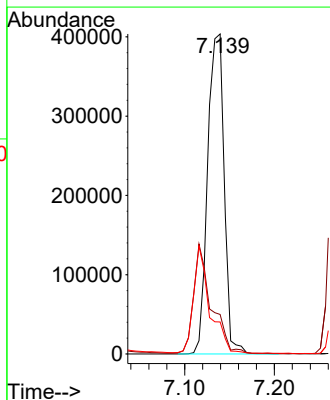
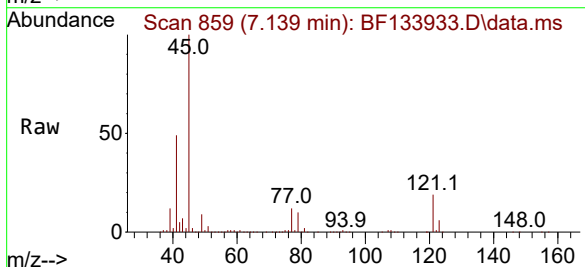
Instrument :
BNA_F
ClientSampleId :
PB153615BS

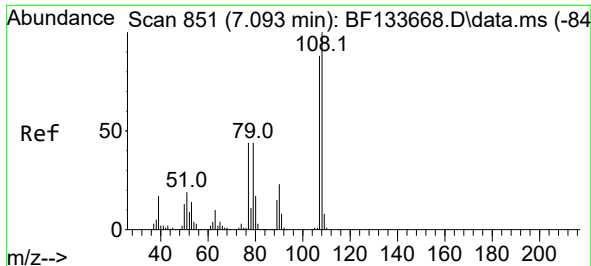
Tgt Ion: 79 Resp: 296806
Ion Ratio Lower Upper
79 100
108 74.0 57.9 86.9
77 62.9 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.083 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 45 Resp: 515709
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 10.0 0.0 29.4





#17

2-Methylphenol

Concen: 40.721 ng

RT: 7.116 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:107 Resp: 266177

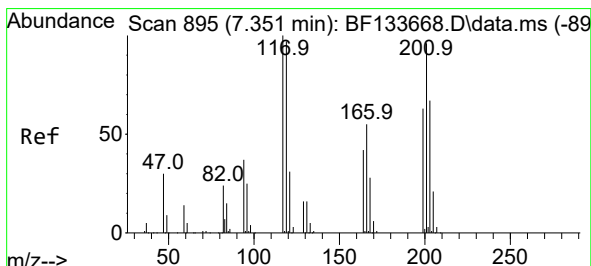
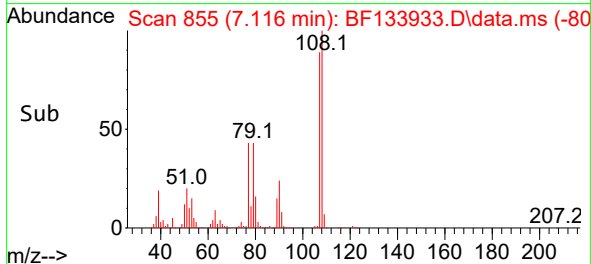
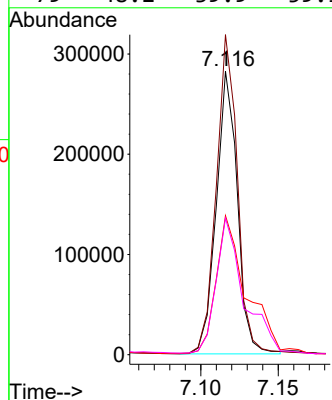
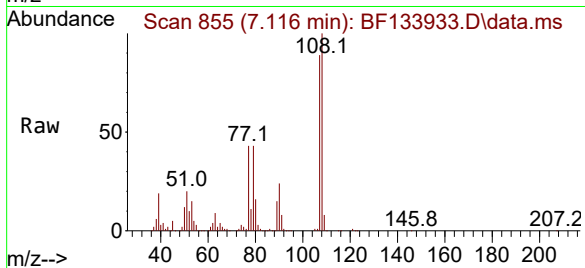
Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 49.0 39.8 59.6

79 48.2 39.9 59.9



#18

Hexachloroethane

Concen: 47.505 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

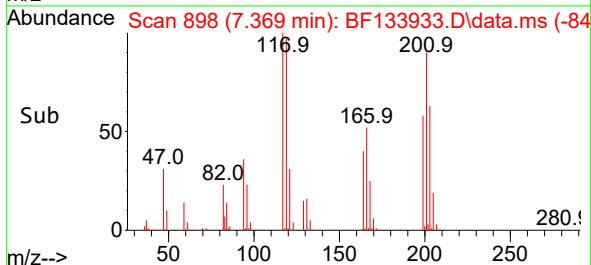
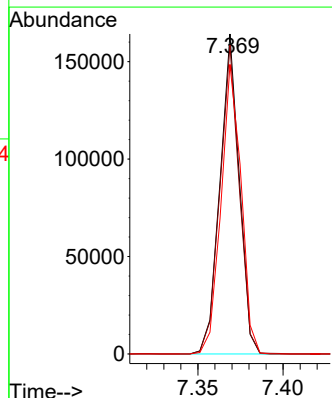
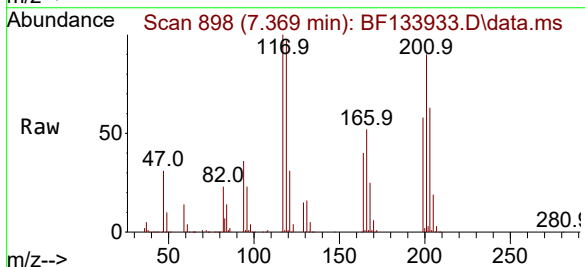
Tgt Ion:117 Resp: 129520

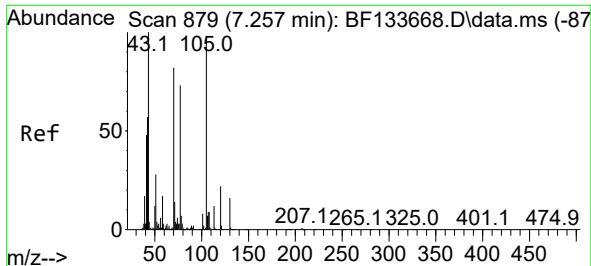
Ion Ratio Lower Upper

117 100

119 96.6 77.3 115.9

201 90.5 76.8 115.2

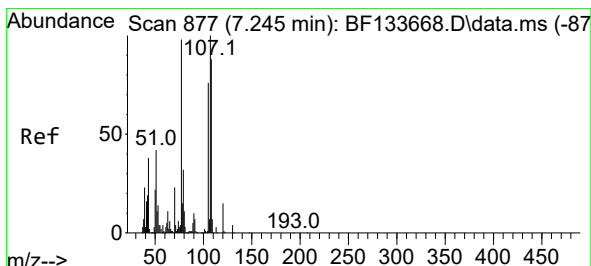
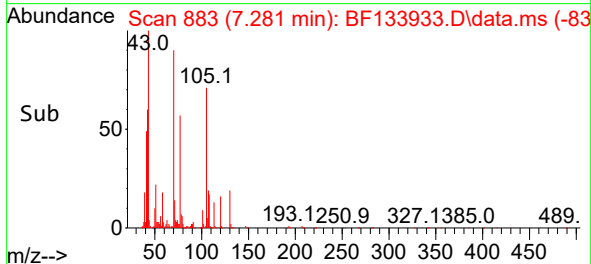
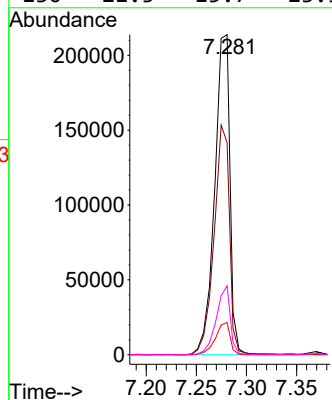
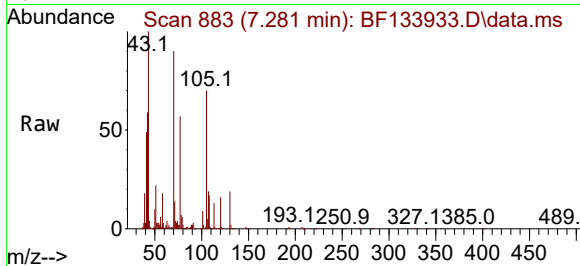




#19
n-Nitroso-di-n-propylamine
Concen: 39.132 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

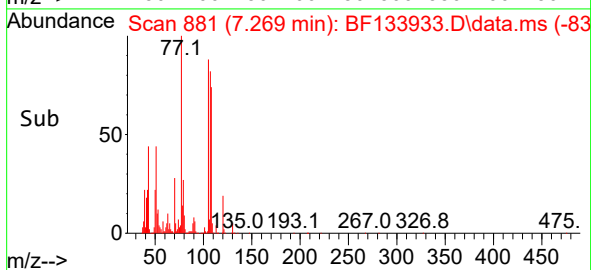
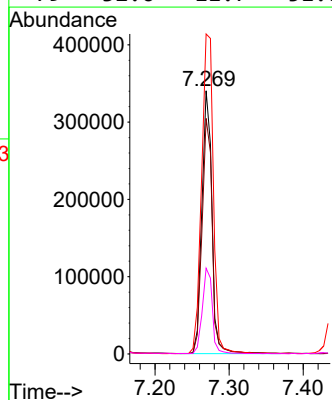
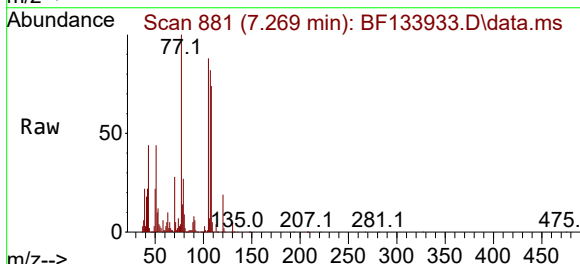
Instrument :
BNA_F
ClientSampleId :
PB153615BS

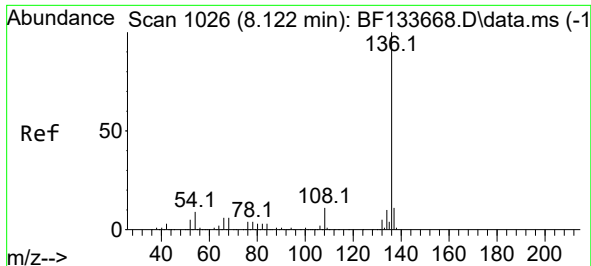
Tgt Ion: 70 Resp: 226793
Ion Ratio Lower Upper
70 100
42 66.3 55.8 83.8
101 10.0 8.1 12.1
130 21.5 15.7 23.5



#20
3+4-Methylphenols
Concen: 37.593 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

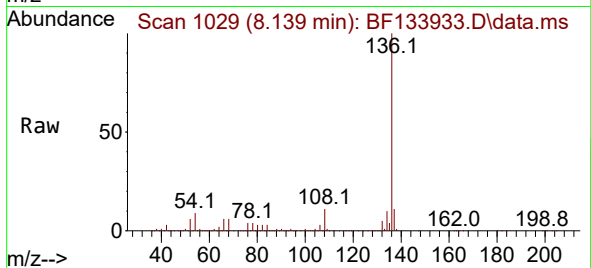
Tgt Ion: 107 Resp: 319669
Ion Ratio Lower Upper
107 100
108 89.5 67.9 107.9
77 121.6 77.7 117.7#
79 32.6 11.7 51.7



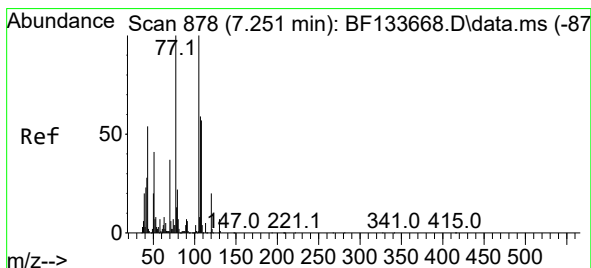
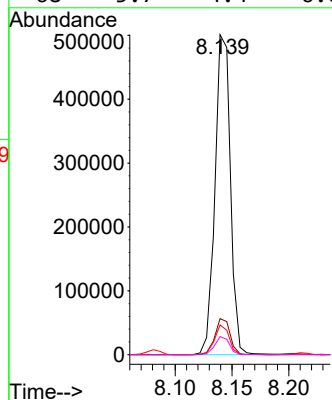
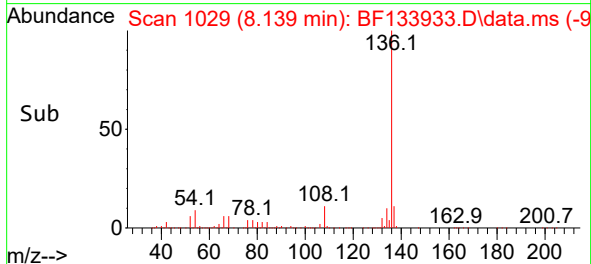


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

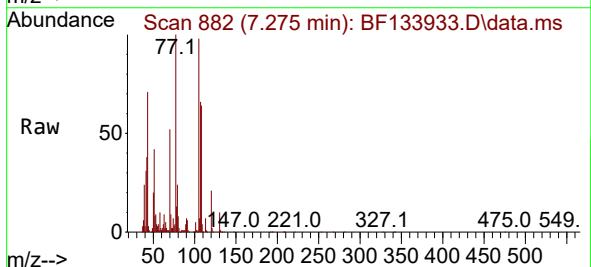
Instrument :
BNA_F
ClientSampleId :
PB153615BS



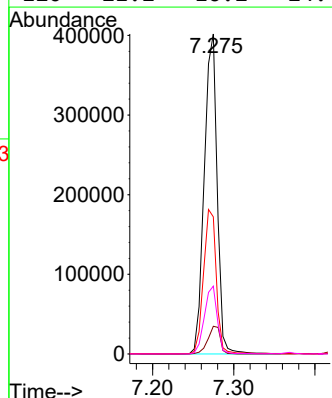
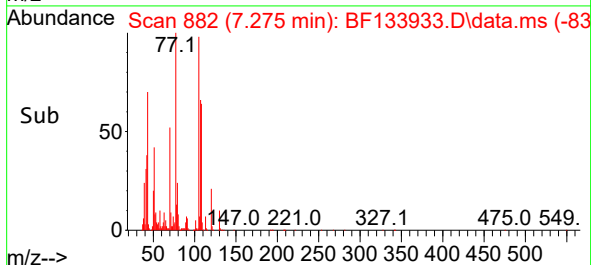
Tgt Ion:	136	Resp:	473831
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	9.3	7.4	11.0
68	5.7	4.4	6.6

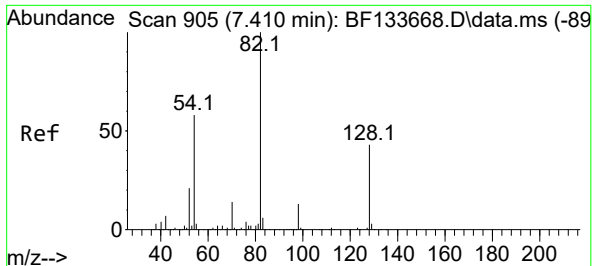


#22
Acetophenone
Concen: 40.821 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:	105	Resp:	443620
Ion Ratio	Lower	Upper	
105	100		
71	8.7	4.8	7.2#
51	42.8	33.0	49.4
120	21.2	16.2	24.4





#23

Nitrobenzene-d5

Concen: 77.907 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

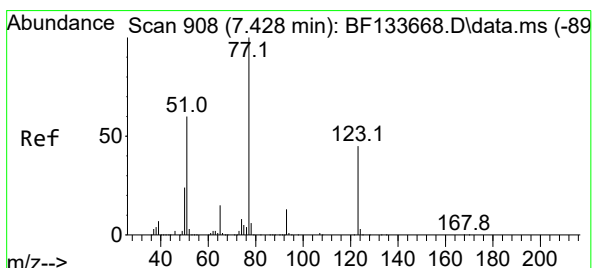
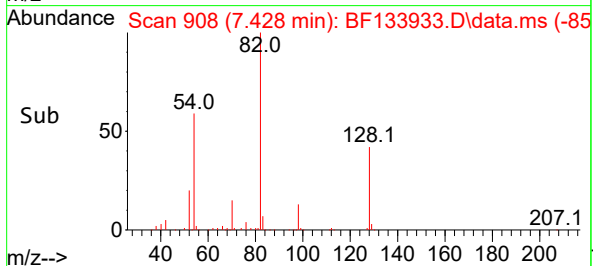
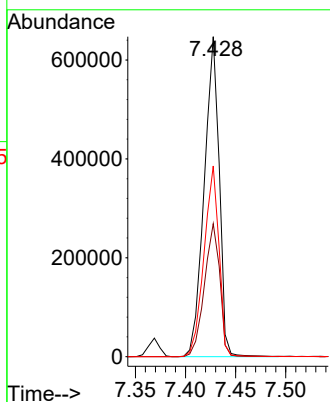
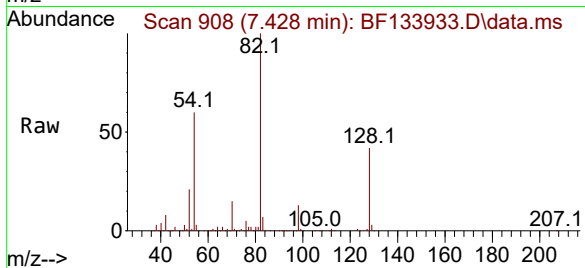
Tgt Ion: 82 Resp: 677747

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.2

54 59.6 46.5 69.7



#24

Nitrobenzene

Concen: 40.648 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

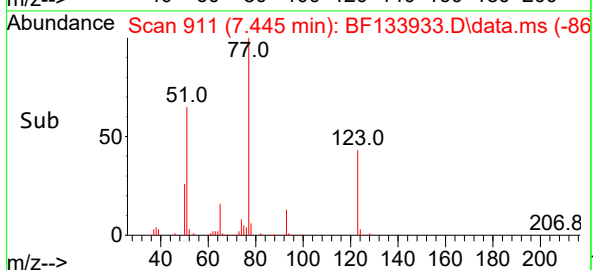
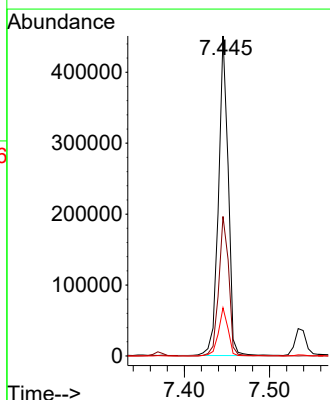
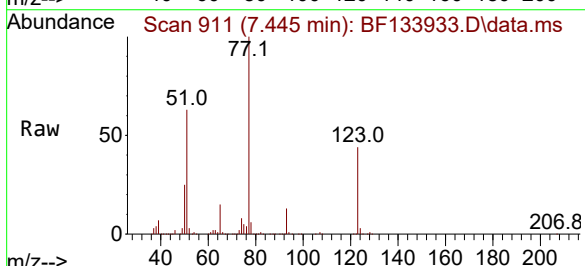
Tgt Ion: 77 Resp: 356067

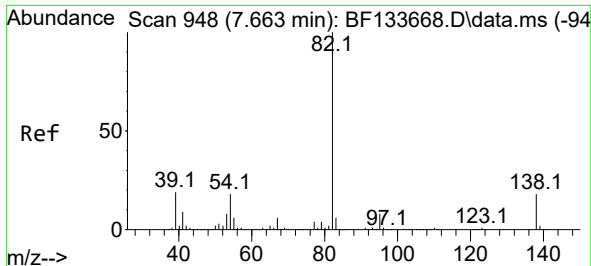
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

65 15.0 11.6 17.4

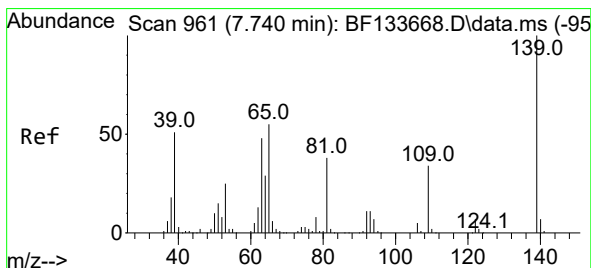
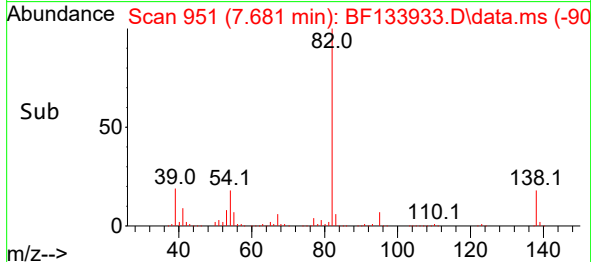
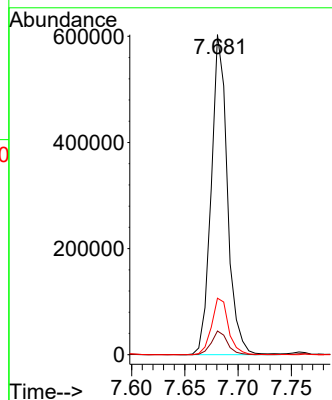
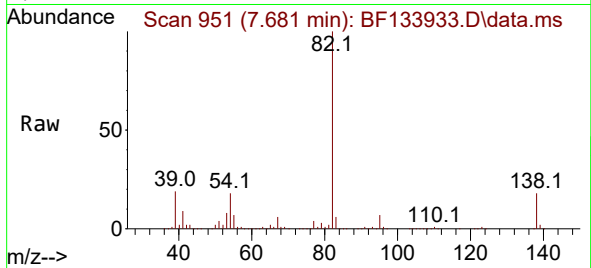




#25
Isophorone
Concen: 39.909 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

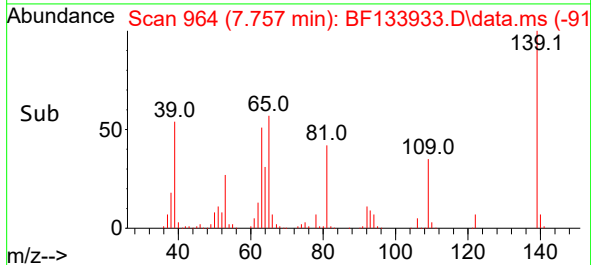
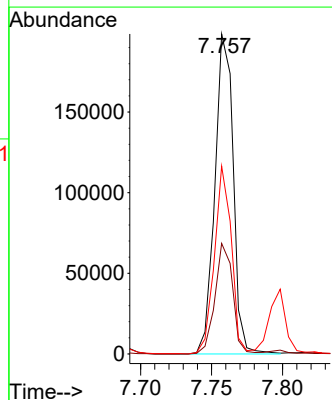
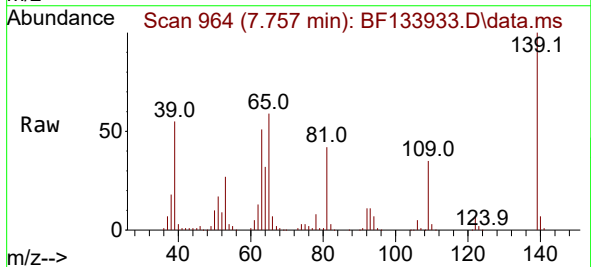
Instrument :
BNA_F
ClientSampleId :
PB153615BS

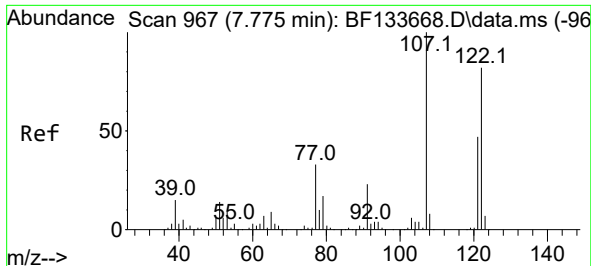
Tgt Ion: 82 Resp: 637394
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 17.6 14.2 21.2



#26
2-Nitrophenol
Concen: 45.294 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 139 Resp: 178064
Ion Ratio Lower Upper
139 100
109 34.5 27.0 40.6
65 58.7 44.2 66.4

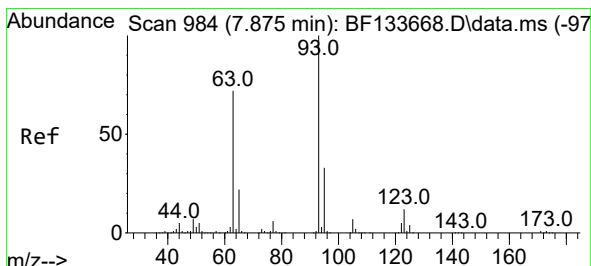
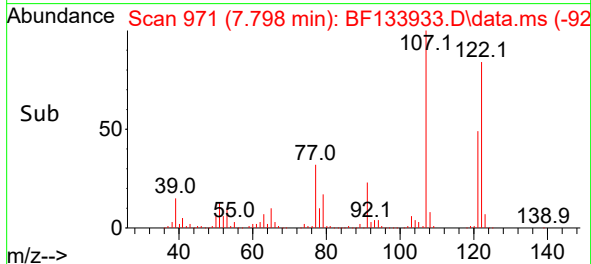
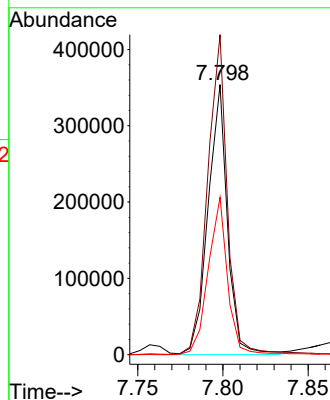
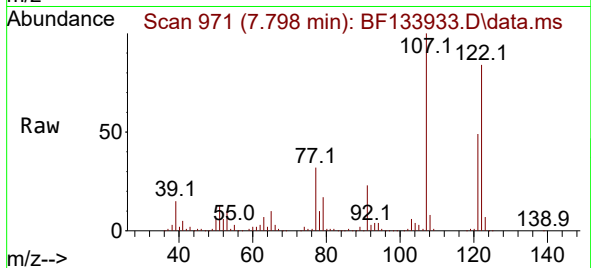




#27
2,4-Dimethylphenol
Concen: 41.265 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

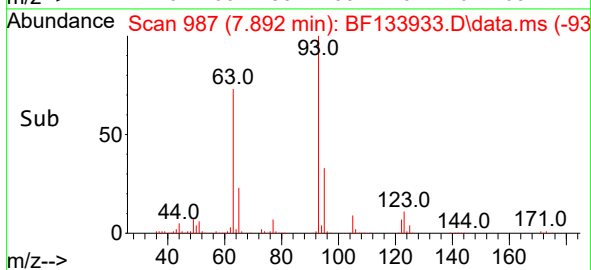
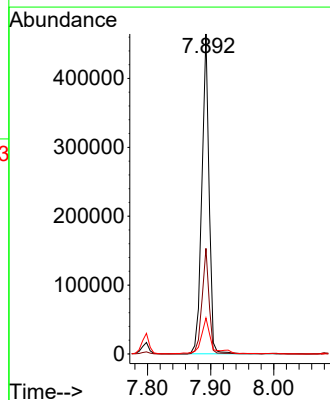
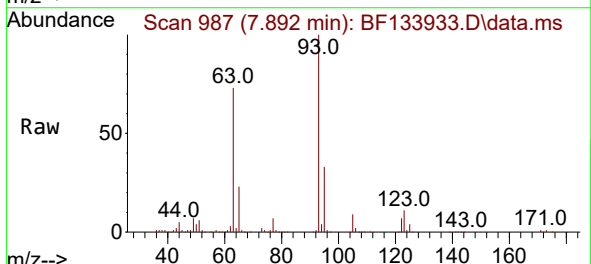
Instrument :
BNA_F
ClientSampleId :
PB153615BS

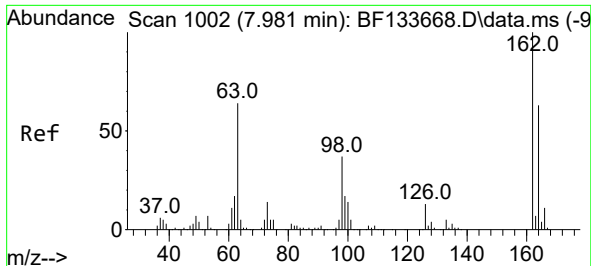
Tgt Ion:122 Resp: 279611
Ion Ratio Lower Upper
122 100
107 118.5 97.8 146.6
121 58.3 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.723 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 93 Resp: 366676
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 11.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.122 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

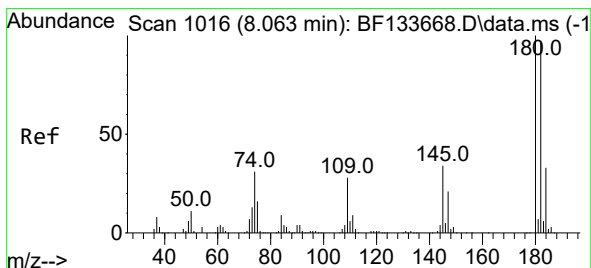
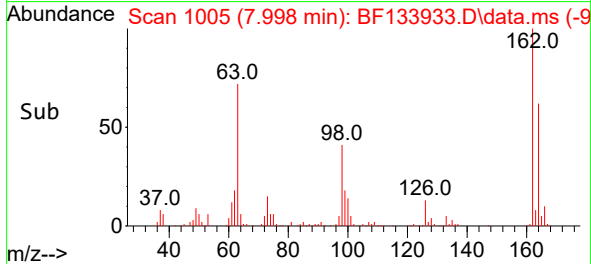
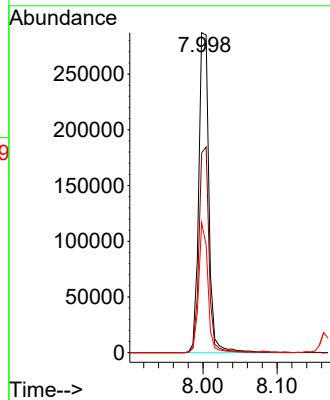
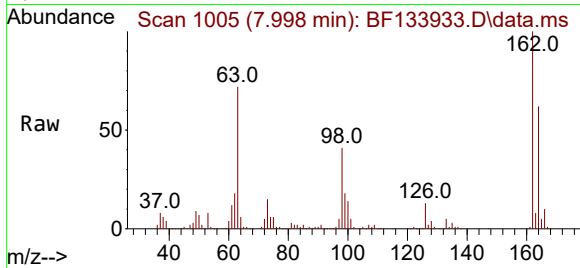
Tgt Ion:162 Resp: 273094

Ion Ratio Lower Upper

162 100

164 62.5 43.4 83.4

98 40.6 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.179 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

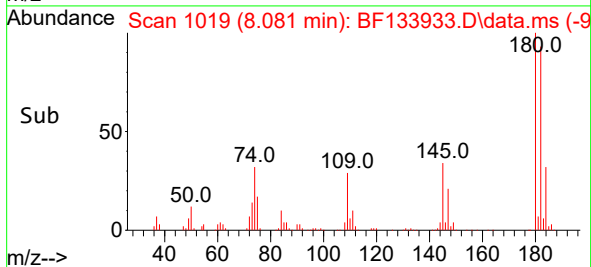
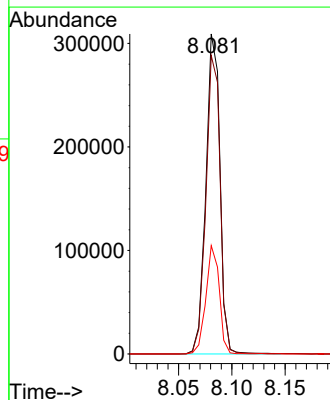
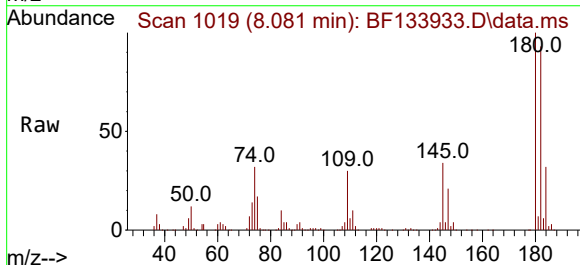
Tgt Ion:180 Resp: 285318

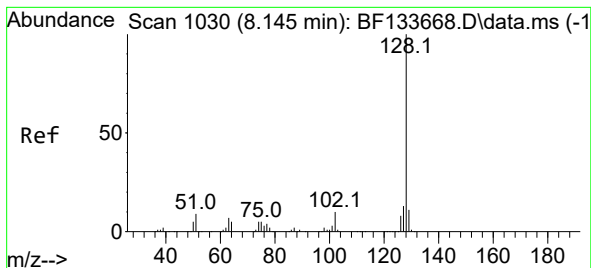
Ion Ratio Lower Upper

180 100

182 93.3 77.8 116.8

145 33.9 27.0 40.4





#31

Naphthalene

Concen: 39.252 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

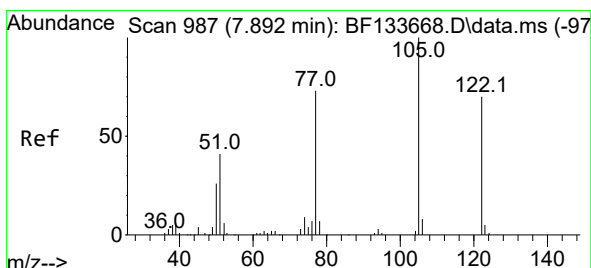
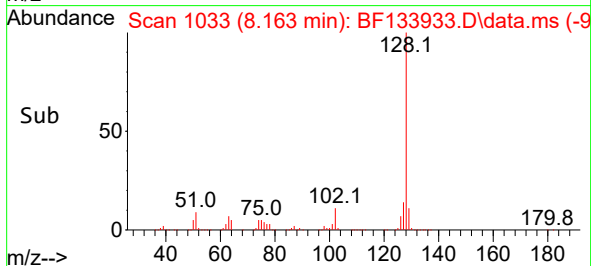
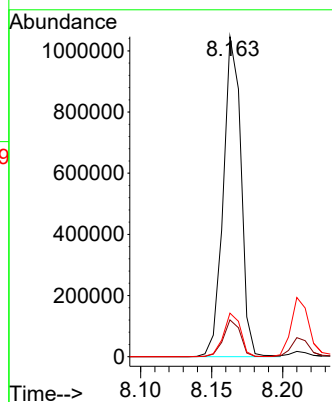
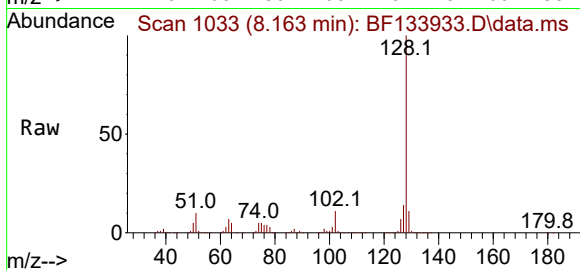
Tgt Ion:128 Resp: 906130

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.6 10.5 15.7



#32

Benzoic acid

Concen: 49.548 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.018 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

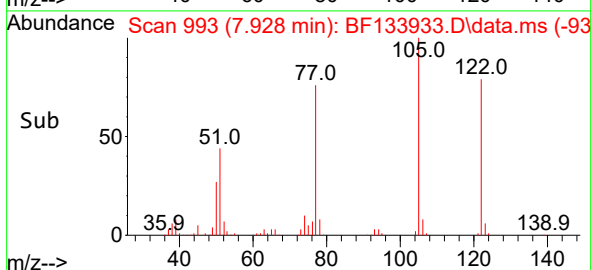
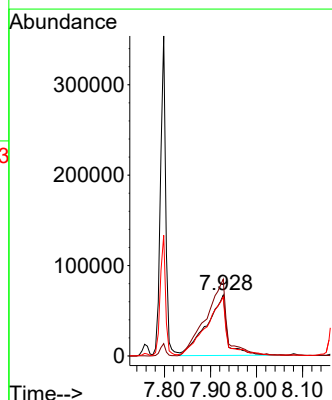
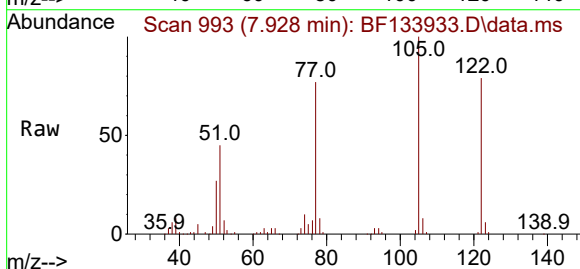
Tgt Ion:122 Resp: 211744

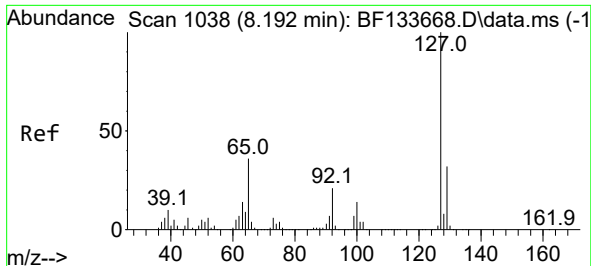
Ion Ratio Lower Upper

122 100

105 126.2 116.3 156.3

77 97.2 82.4 122.4





#33

4-Chloroaniline

Concen: 18.656 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:127 Resp: 184150

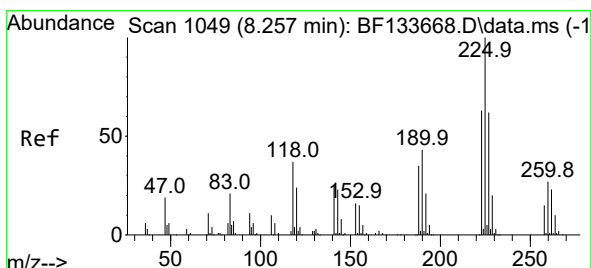
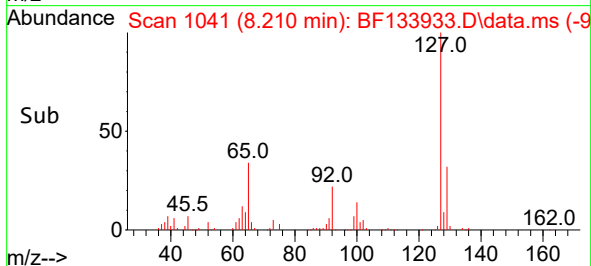
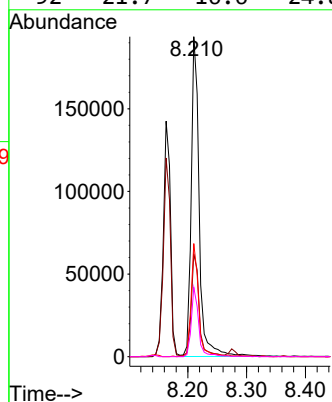
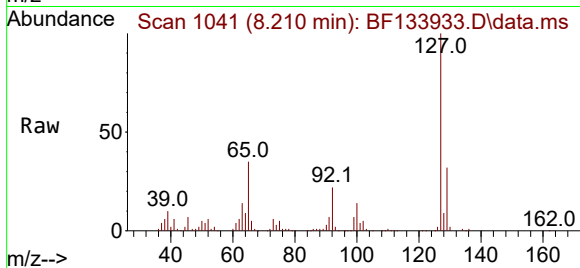
Ion Ratio Lower Upper

127 100

129 32.1 25.6 38.4

65 35.3 28.9 43.3

92 21.7 16.6 24.8



#34

Hexachlorobutadiene

Concen: 39.468 ng

RT: 8.275 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

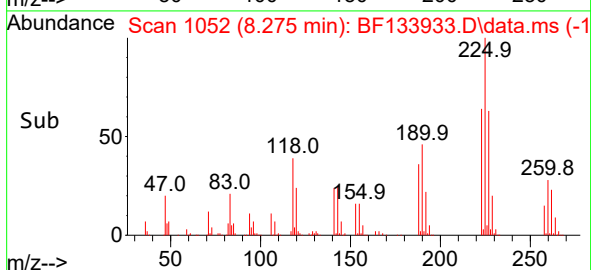
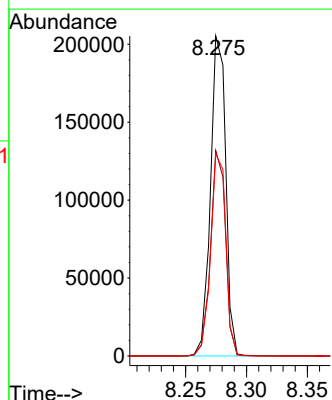
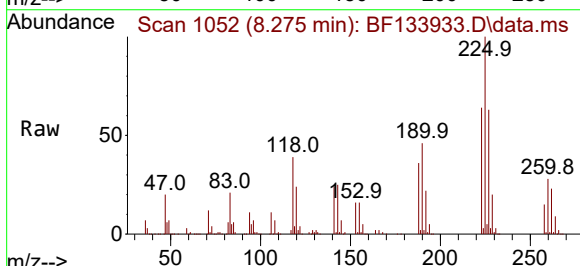
Tgt Ion:225 Resp: 179044

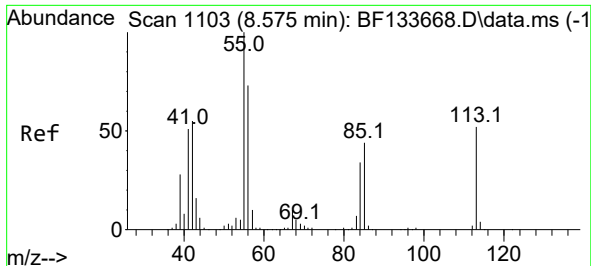
Ion Ratio Lower Upper

225 100

223 64.2 50.2 75.4

227 63.1 49.5 74.3

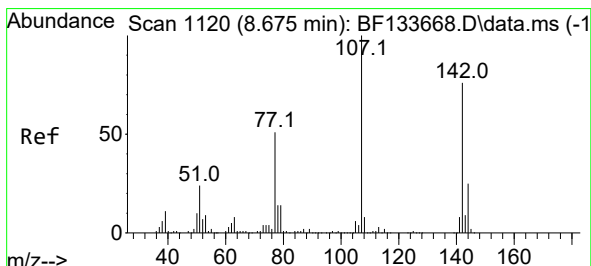
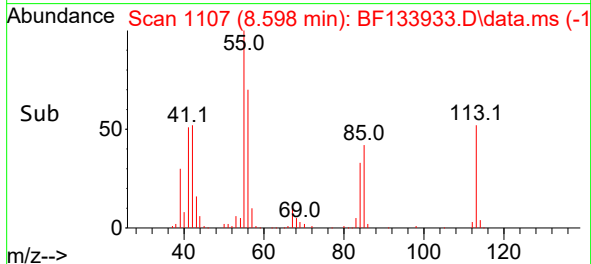
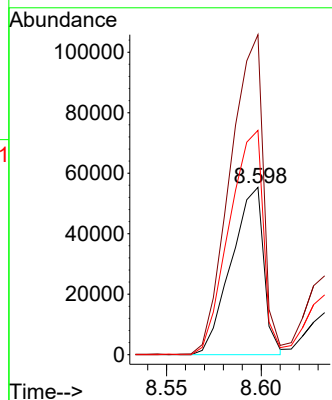
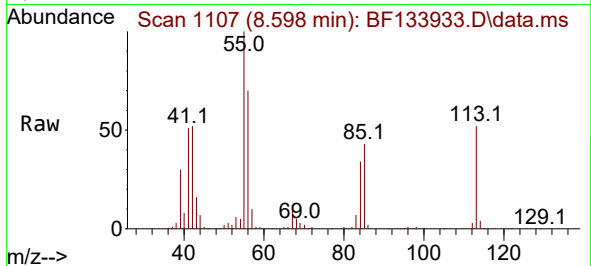




#35
Caprolactam
Concen: 29.476 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

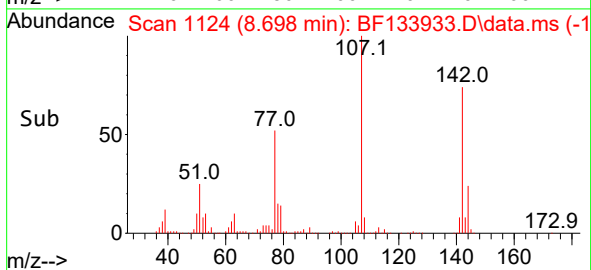
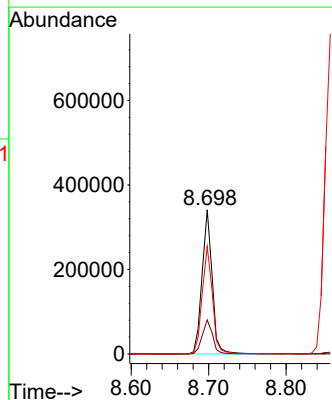
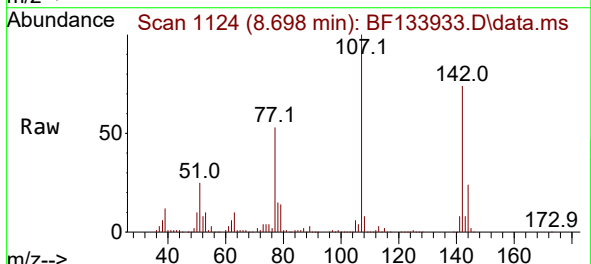
Instrument :
BNA_F
ClientSampleId :
PB153615BS

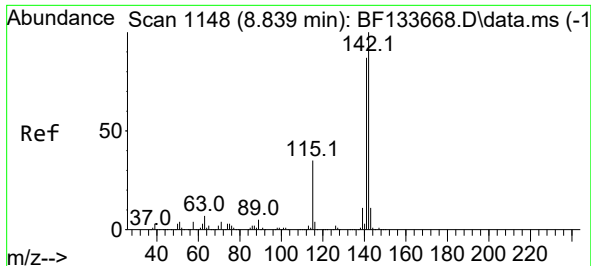
Tgt Ion:113 Resp: 65868
Ion Ratio Lower Upper
113 100
55 191.2 173.3 213.3
56 134.1 120.5 160.5



#36
4-Chloro-3-methylphenol
Concen: 40.645 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:107 Resp: 311133
Ion Ratio Lower Upper
107 100
144 23.7 19.7 29.5
142 74.4 61.1 91.7

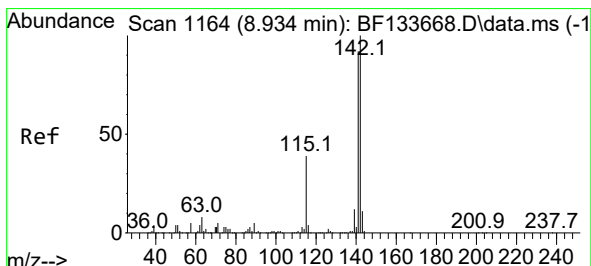
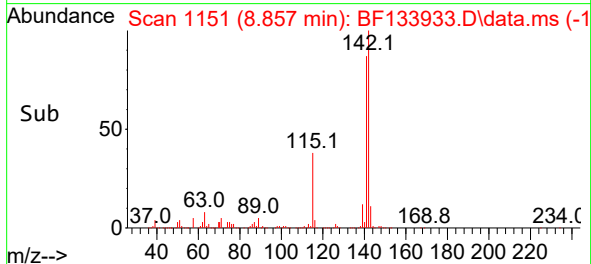
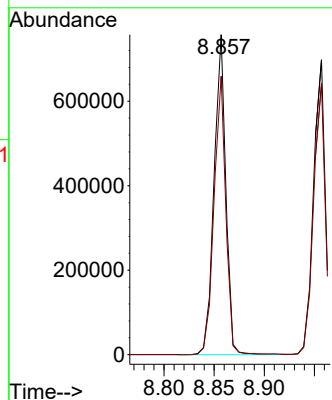
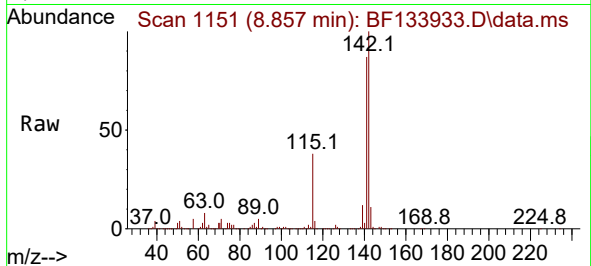




#37
2-Methylnaphthalene
Concen: 38.505 ng
RT: 8.857 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

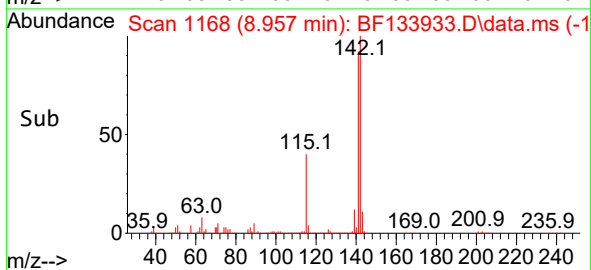
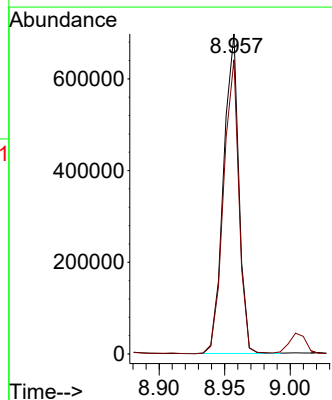
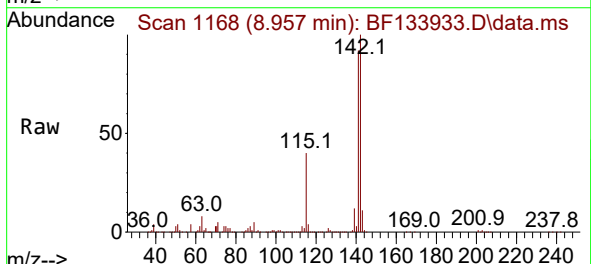
Instrument :
BNA_F
ClientSampleId :
PB153615BS

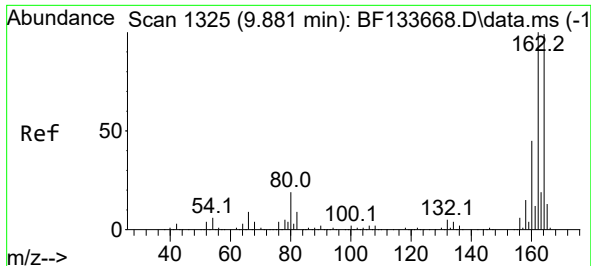
Tgt Ion:142 Resp: 617617
Ion Ratio Lower Upper
142 100
141 87.0 69.8 104.8



#38
1-Methylnaphthalene
Concen: 38.517 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:142 Resp: 568503
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

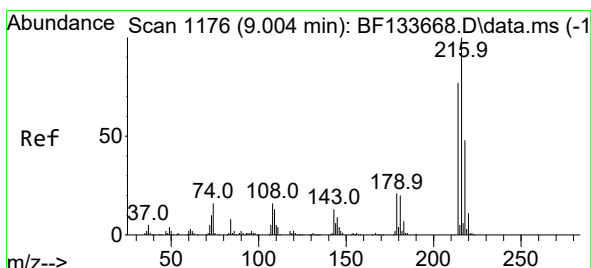
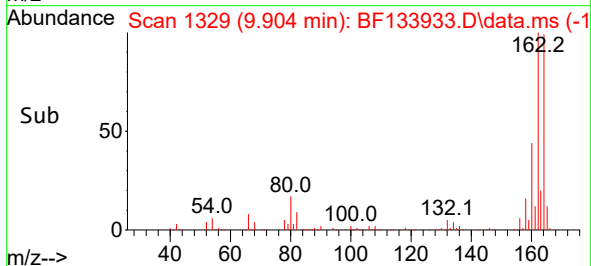
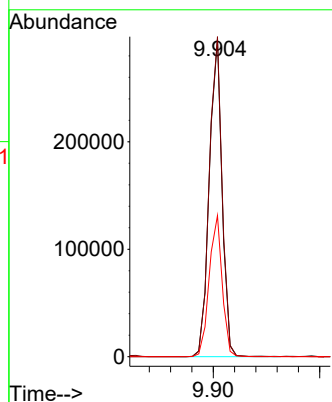
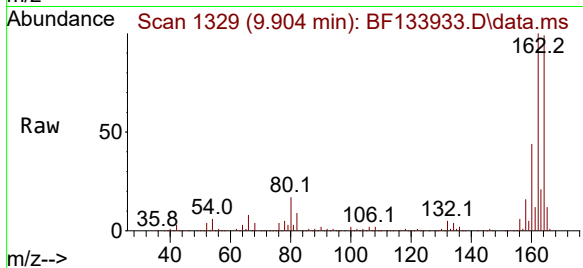
Tgt Ion:164 Resp: 246153

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

160 44.4 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.517 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Tgt Ion:216 Resp: 288236

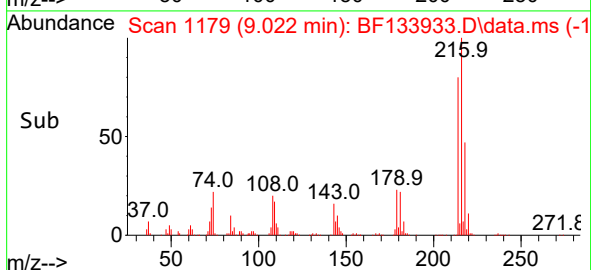
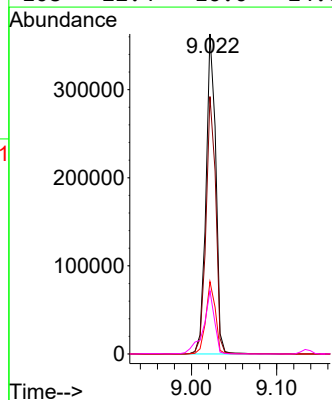
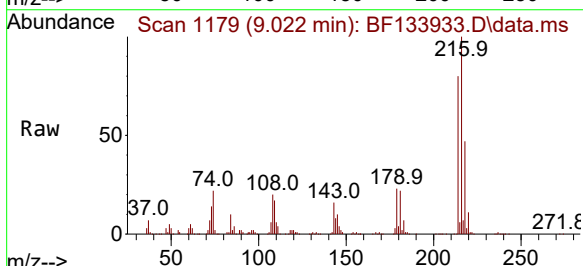
Ion Ratio Lower Upper

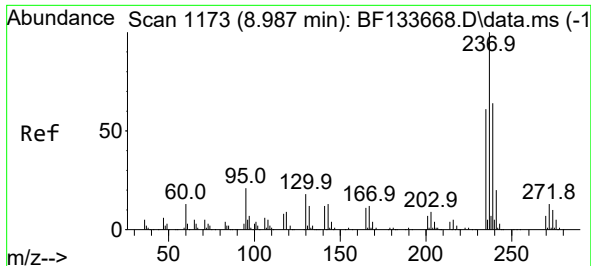
216 100

214 80.3 62.7 94.1

179 22.2 17.6 26.4

108 22.4 16.0 24.0

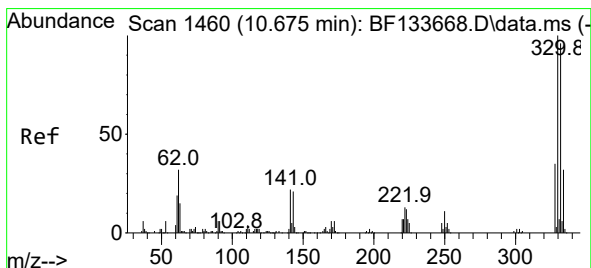
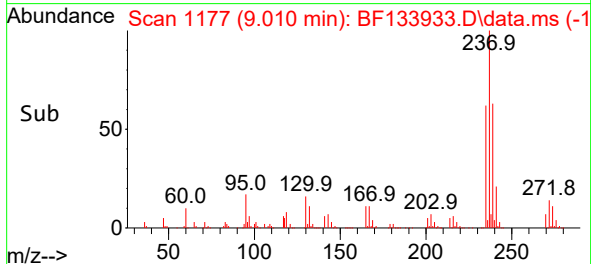
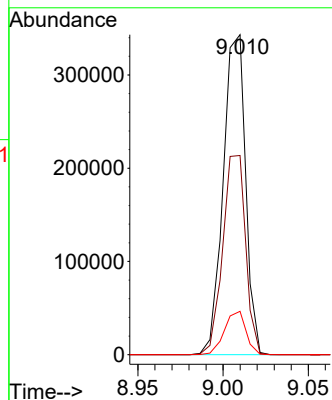
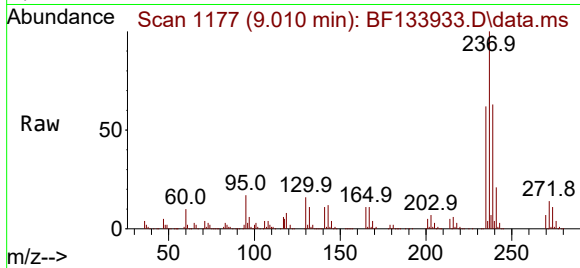




#41
Hexachlorocyclopentadiene
Concen: 94.275 ng
RT: 9.010 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

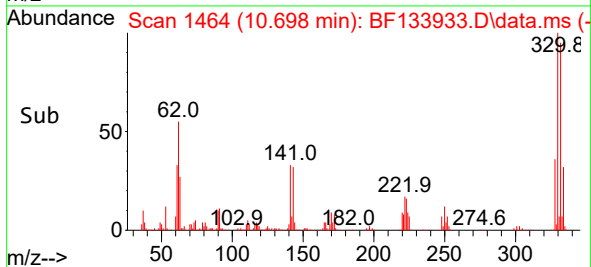
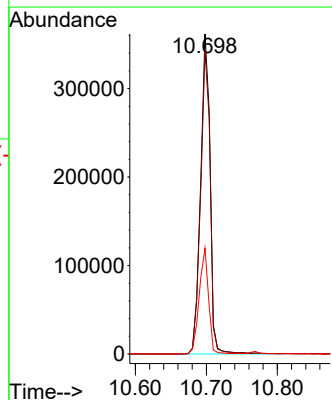
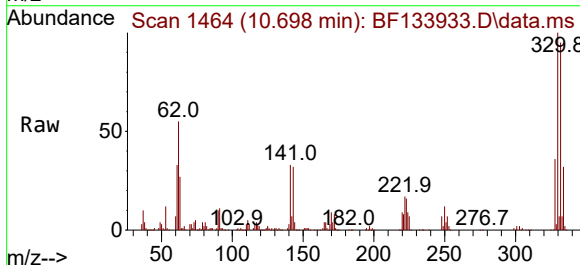
Instrument :
BNA_F
ClientSampleId :
PB153615BS

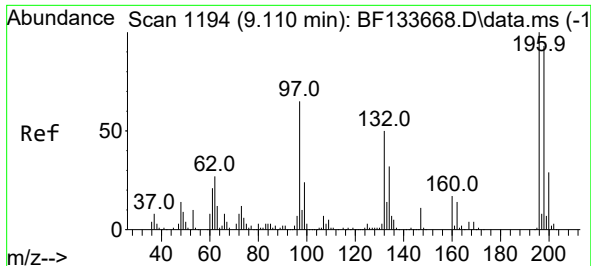
Tgt Ion:237 Resp: 314385
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 108.965 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:330 Resp: 339520
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 32.5 24.9 37.3

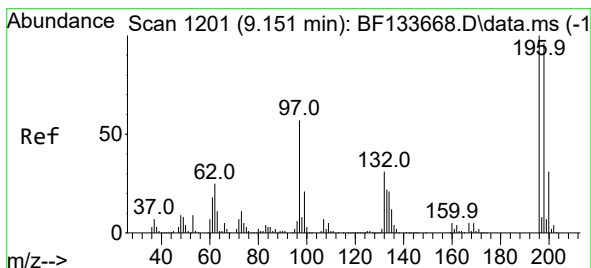
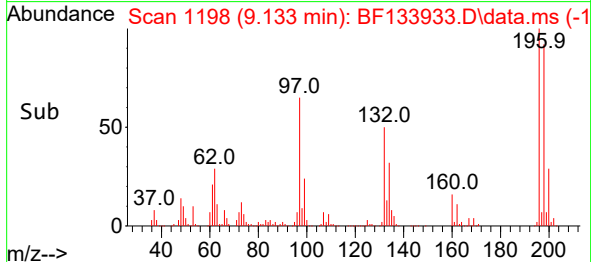
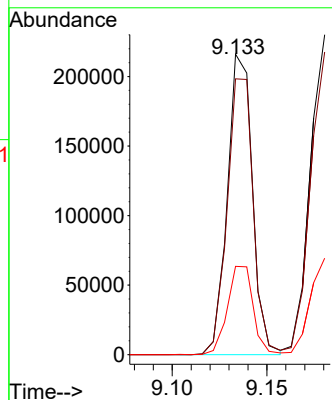
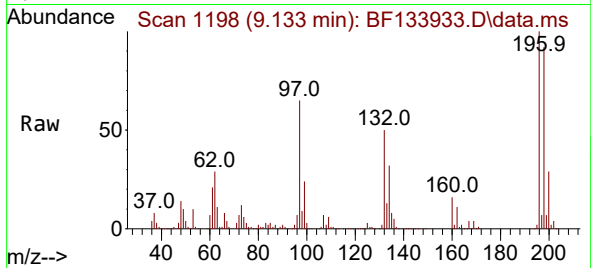




#43
2,4,6-Trichlorophenol
Concen: 39.733 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

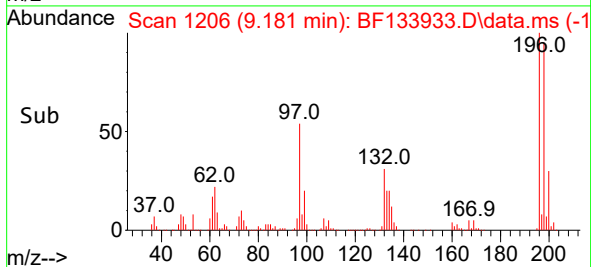
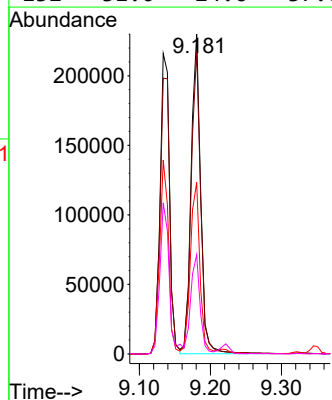
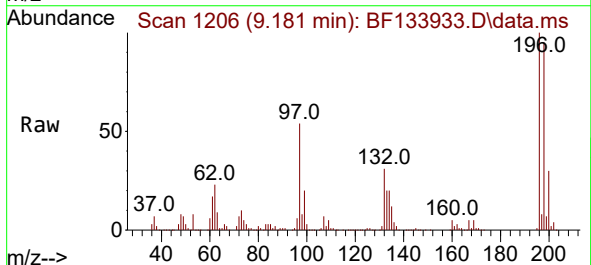
Instrument :
BNA_F
ClientSampleId :
PB153615BS

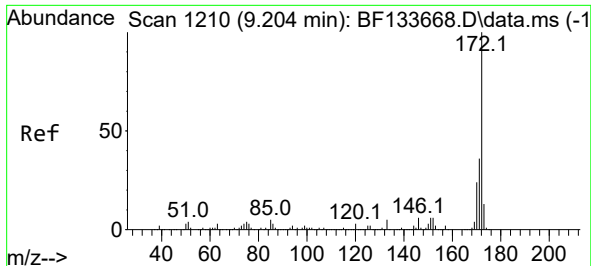
Tgt Ion:196 Resp: 198689
Ion Ratio Lower Upper
196 100
198 91.8 74.5 111.7
200 29.4 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 37.157 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:196 Resp: 216165
Ion Ratio Lower Upper
196 100
198 94.6 76.8 115.2
97 53.6 45.4 68.2
132 31.0 24.6 37.0

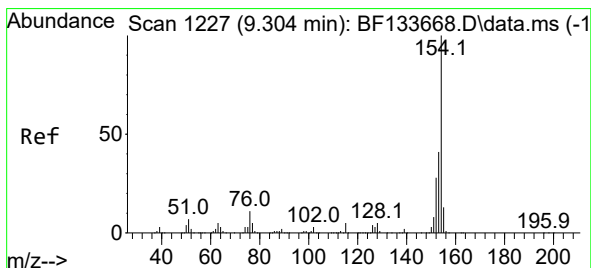
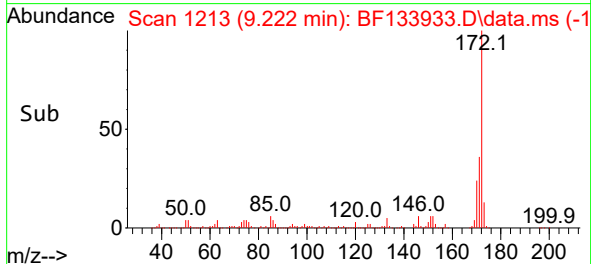
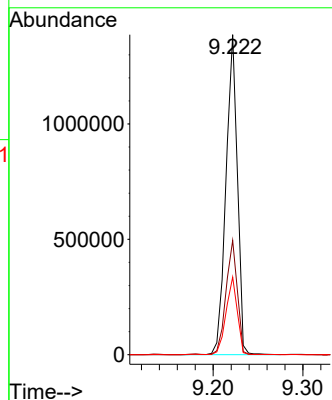
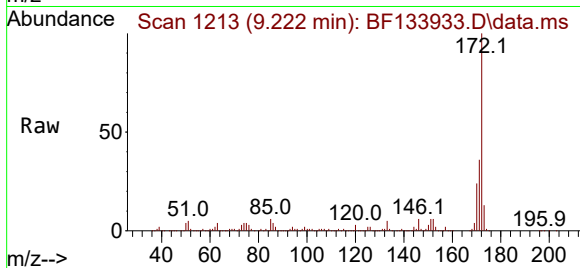




#45
2-Fluorobiphenyl
Concen: 70.732 ng
RT: 9.222 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

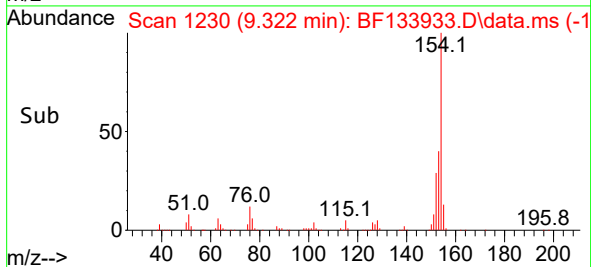
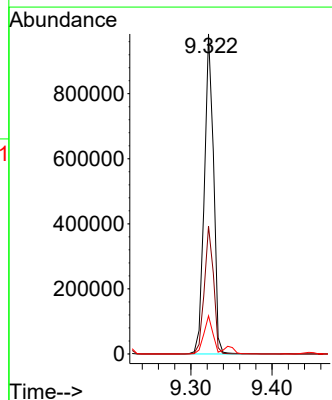
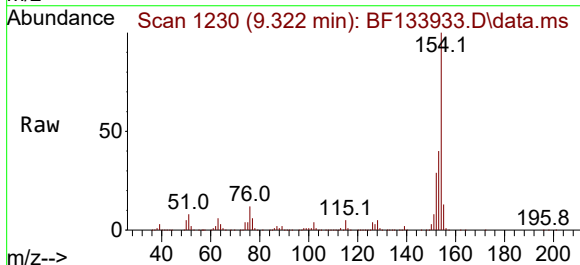
Instrument :
BNA_F
ClientSampleId :
PB153615BS

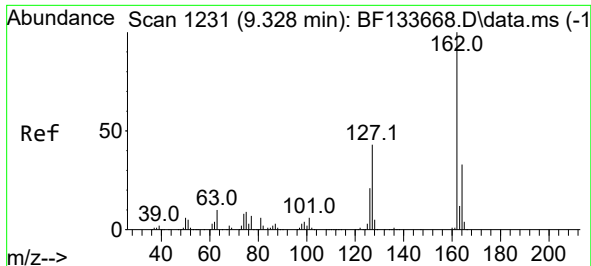
Tgt Ion:172 Resp: 1224805
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.052 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:154 Resp: 775275
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 11.9 0.0 31.0

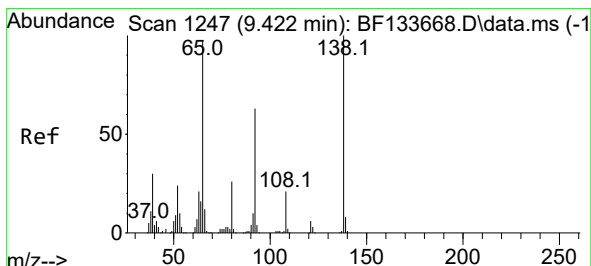
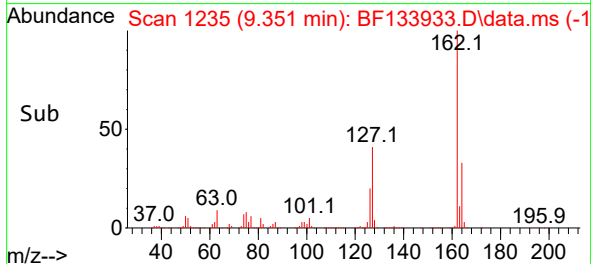
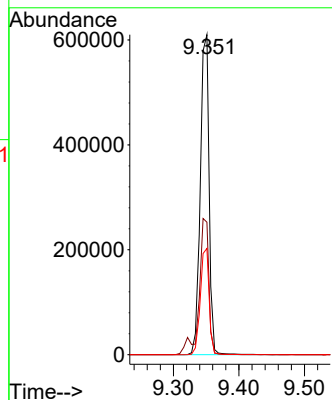
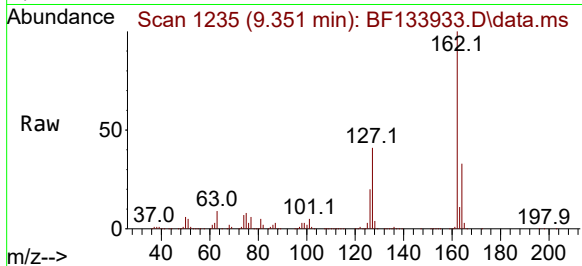




#47
2-Chloronaphthalene
Concen: 40.062 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

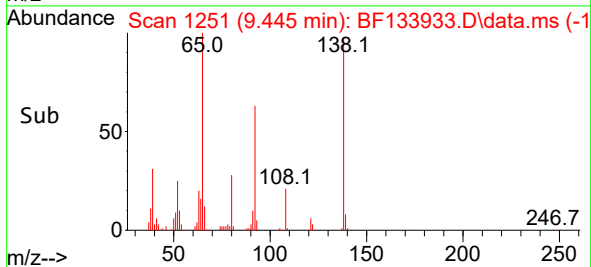
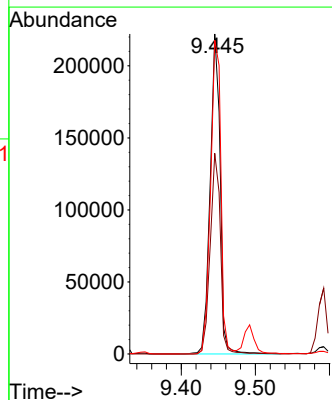
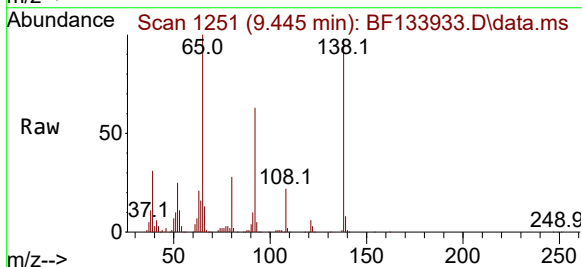
Instrument :
BNA_F
ClientSampleId :
PB153615BS

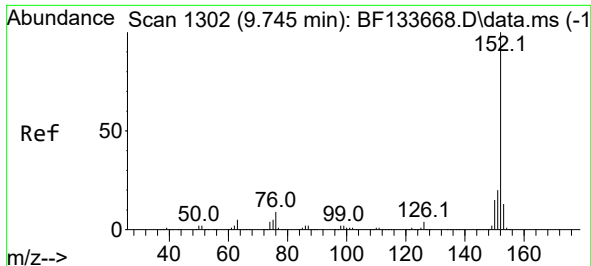
Tgt Ion:162 Resp: 570503
Ion Ratio Lower Upper
162 100
127 41.4 34.6 52.0
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 39.942 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 65 Resp: 208026
Ion Ratio Lower Upper
65 100
92 62.7 51.8 77.6
138 98.0 82.1 123.1

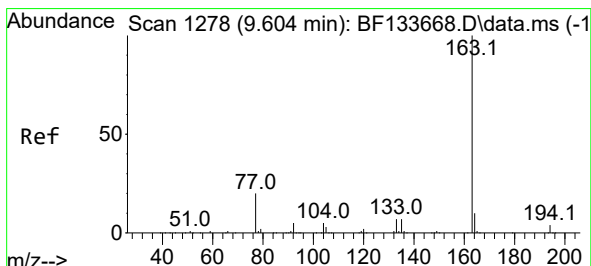
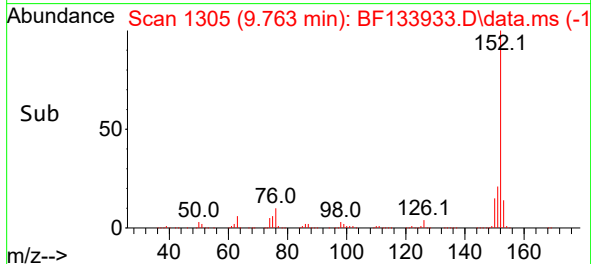
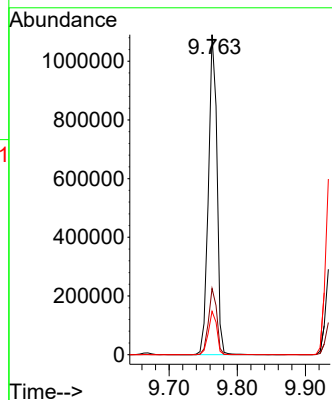
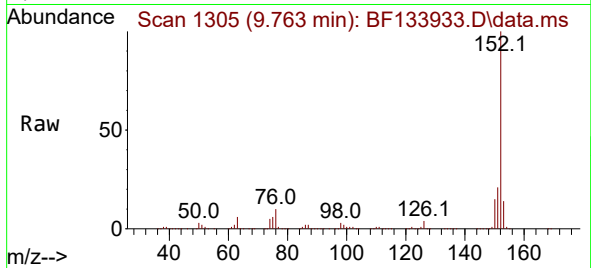




#49
Acenaphthylene
Concen: 38.400 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

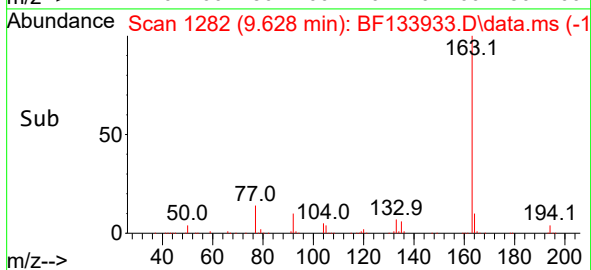
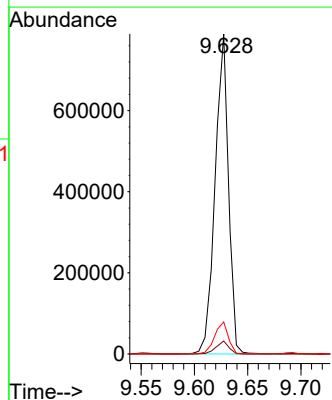
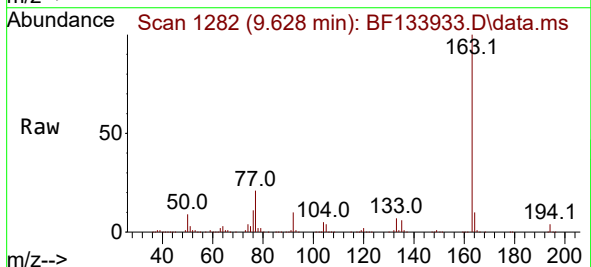
Instrument :
BNA_F
ClientSampleId :
PB153615BS

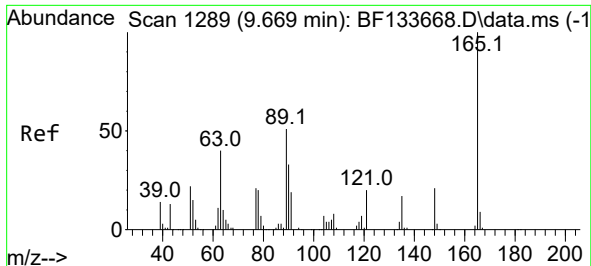
Tgt Ion:152 Resp: 951774
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.6 10.4 15.6



#50
Dimethylphthalate
Concen: 37.398 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:163 Resp: 687132
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.0 12.0

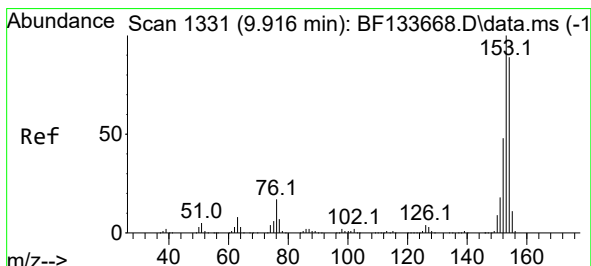
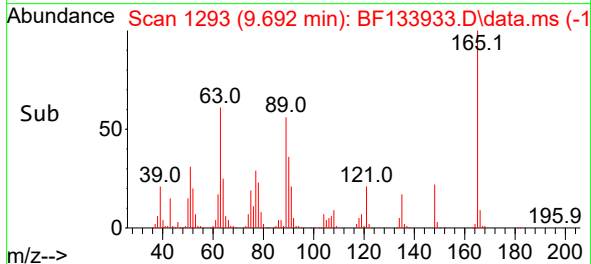
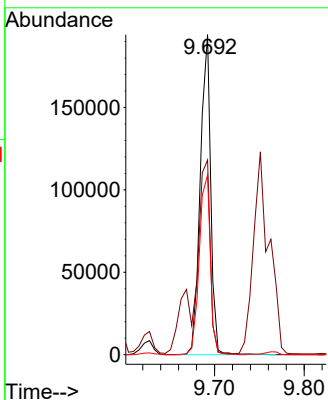
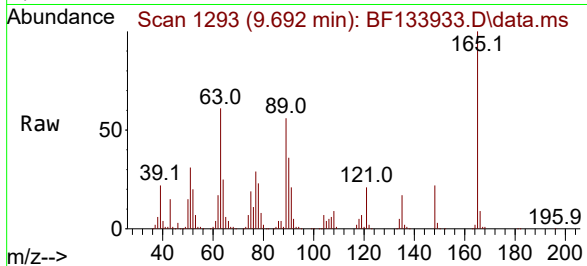




#51
2,6-Dinitrotoluene
Concen: 41.202 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

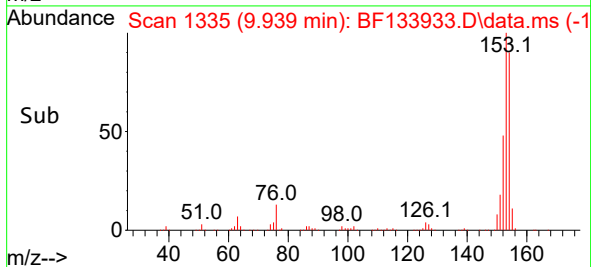
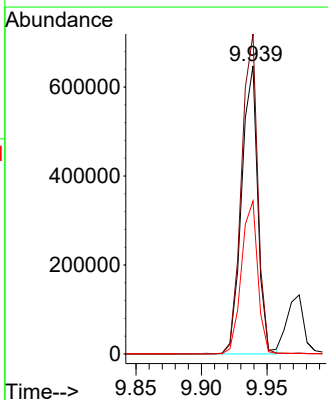
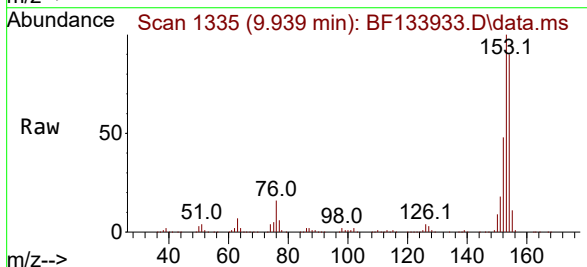
Instrument :
BNA_F
ClientSampleId :
PB153615BS

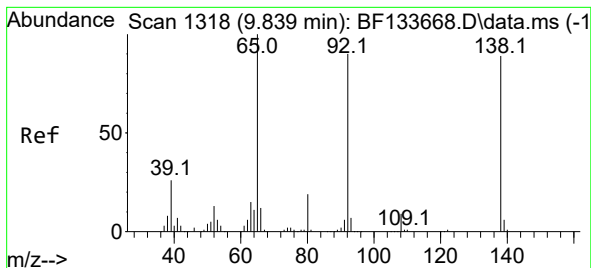
Tgt Ion:165 Resp: 156256
Ion Ratio Lower Upper
165 100
63 60.8 42.1 63.1
89 56.1 40.9 61.3



#52
Acenaphthene
Concen: 38.455 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:154 Resp: 557904
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.8
152 53.1 43.4 65.2

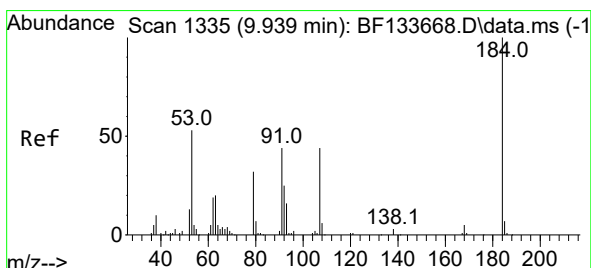
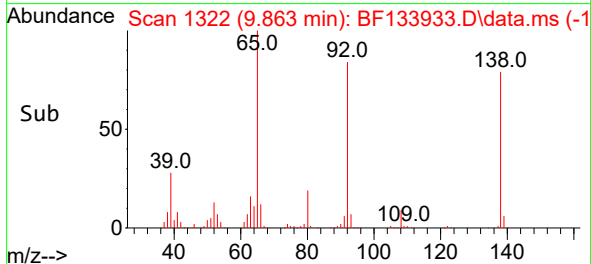
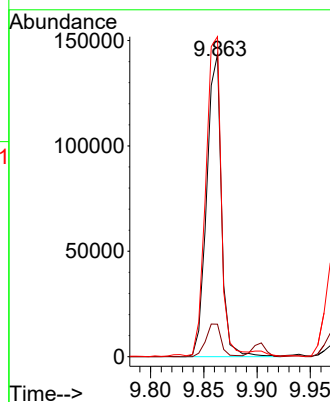
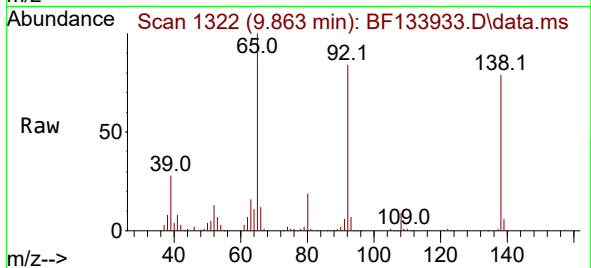




#53
3-Nitroaniline
Concen: 30.090 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

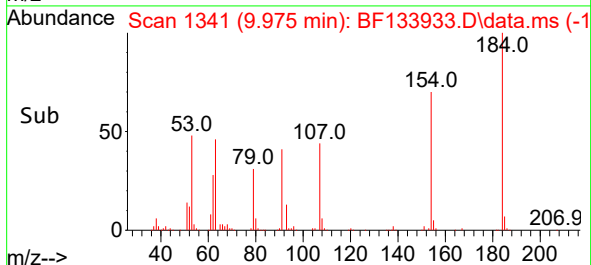
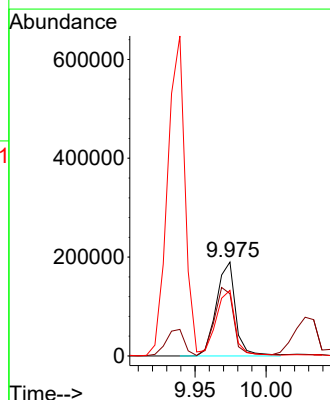
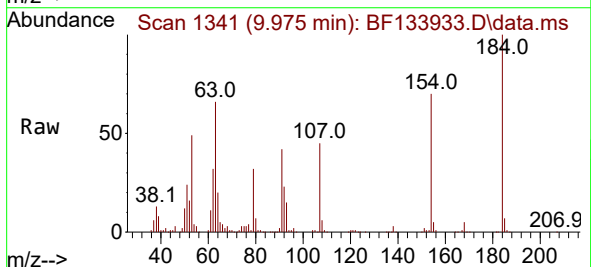
Instrument :
BNA_F
ClientSampleId :
PB153615BS

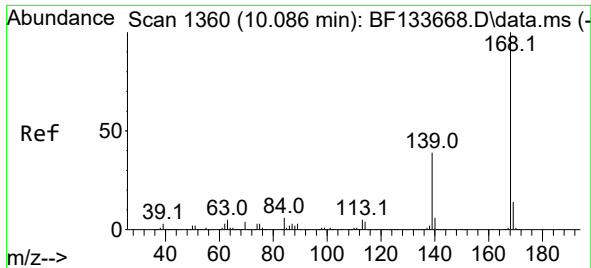
Tgt Ion:138 Resp: 138871
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 105.9 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 95.375 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:184 Resp: 178943
Ion Ratio Lower Upper
184 100
63 66.4 55.3 82.9
154 69.9 51.9 77.9

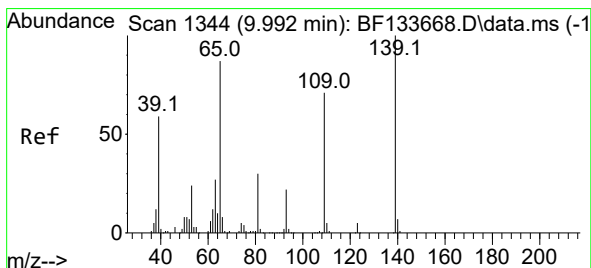
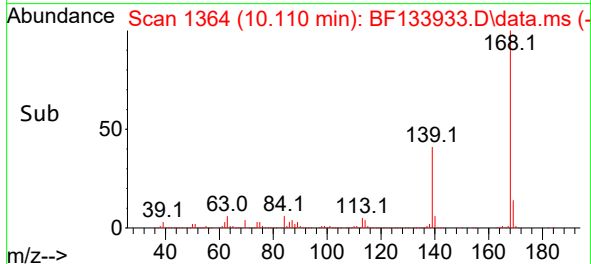
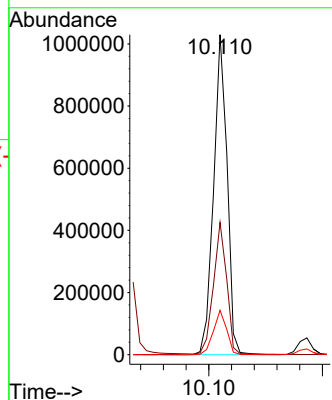
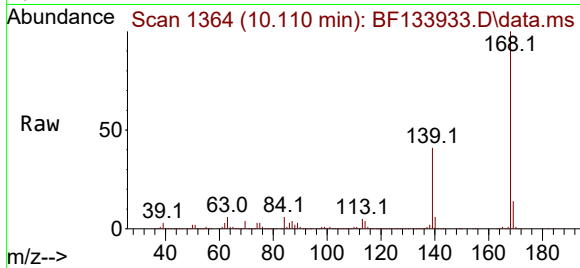




#55
Dibenzenofuran
Concen: 38.274 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

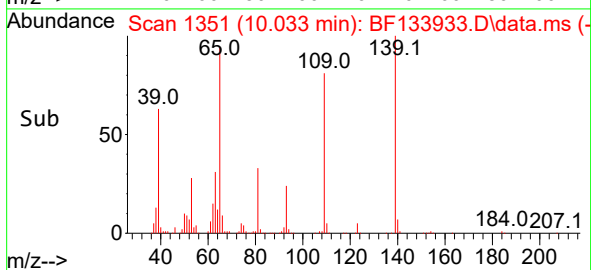
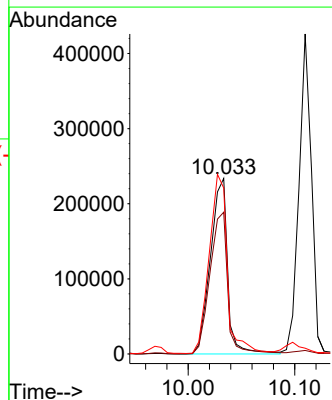
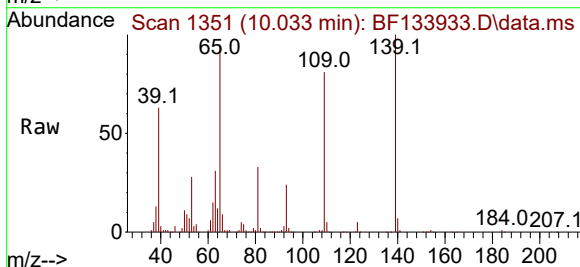
Instrument :
BNA_F
ClientSampleId :
PB153615BS

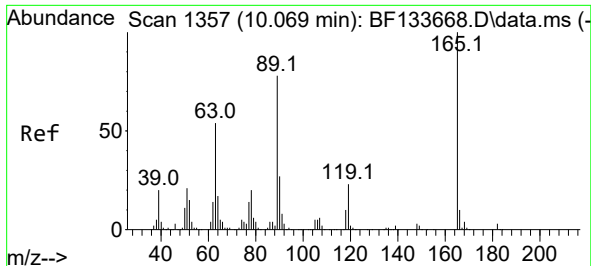
Tgt Ion:168 Resp: 847297
Ion Ratio Lower Upper
168 100
139 41.4 30.9 46.3
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 84.527 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:139 Resp: 263276
Ion Ratio Lower Upper
139 100
109 80.8 50.7 90.7
65 94.5 67.1 107.1

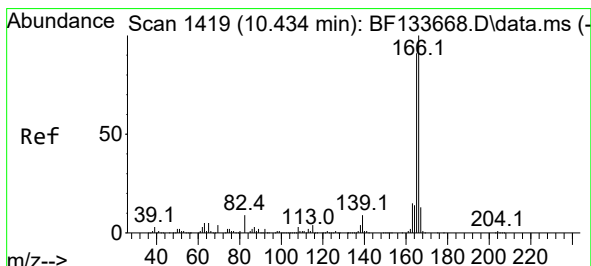
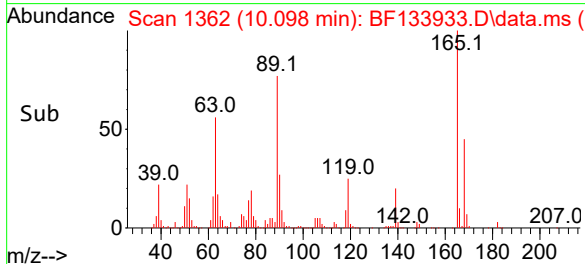
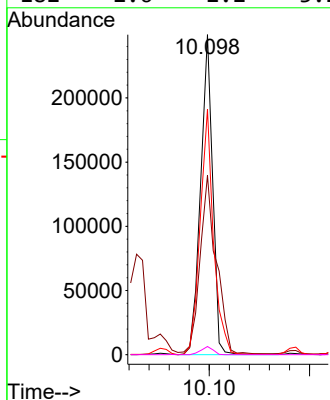
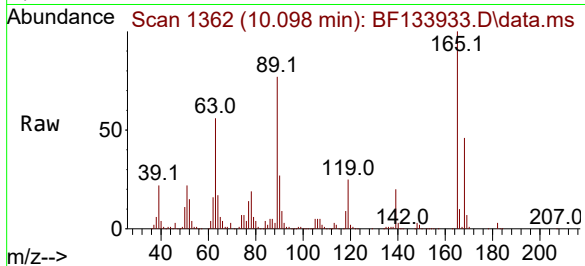




#57
2,4-Dinitrotoluene
Concen: 43.457 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

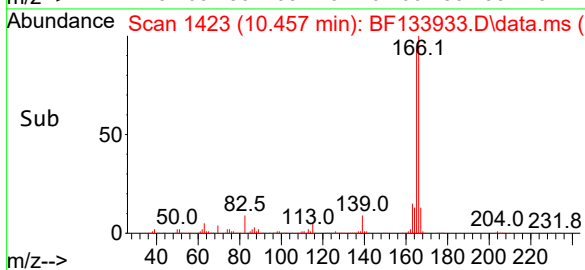
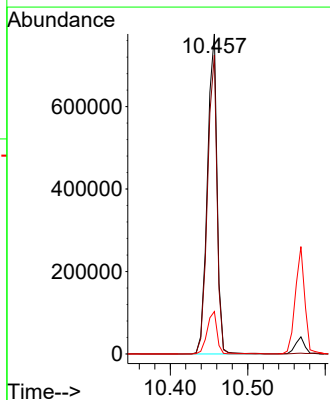
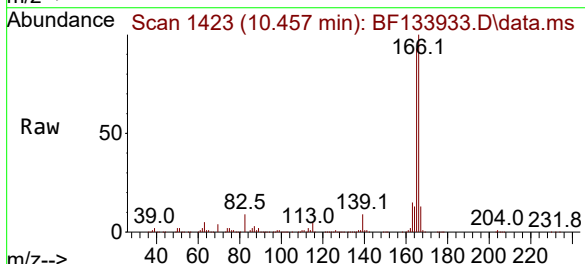
Instrument :
BNA_F
ClientSampleId :
PB153615BS

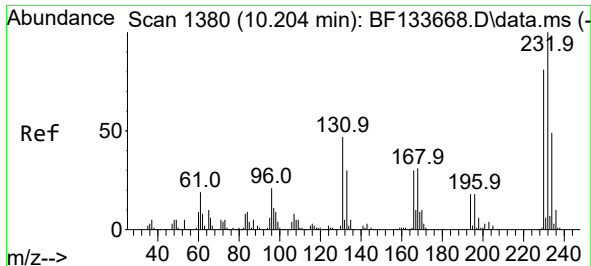
Tgt Ion:165 Resp: 209600
Ion Ratio Lower Upper
165 100
63 56.0 43.0 64.6
89 76.7 62.6 93.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 39.622 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:166 Resp: 670770
Ion Ratio Lower Upper
166 100
165 93.4 73.1 109.7
167 13.3 10.5 15.7

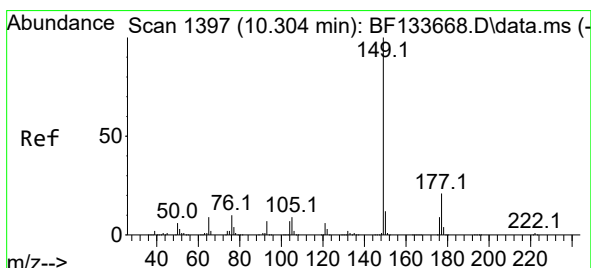
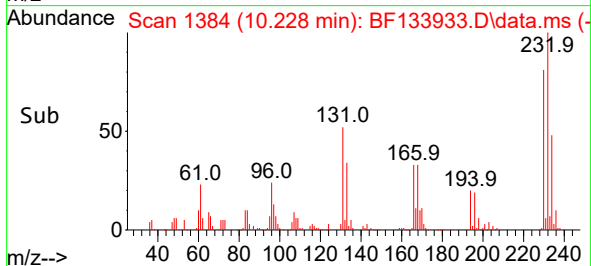
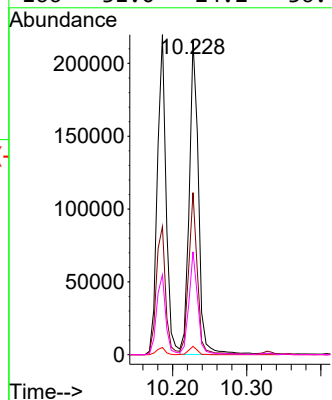
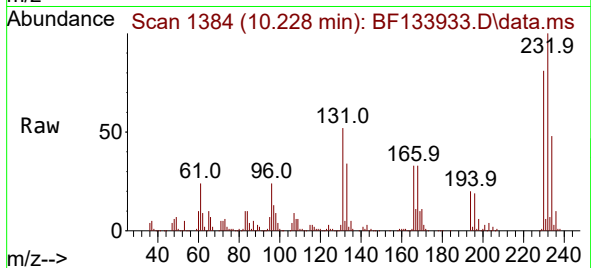




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.994 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

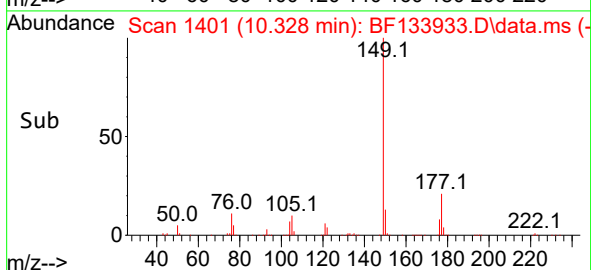
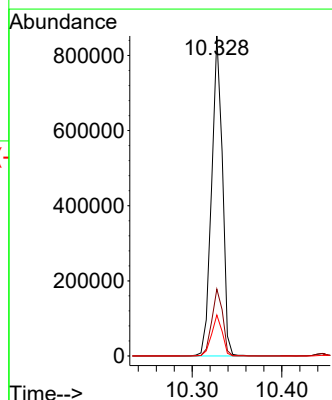
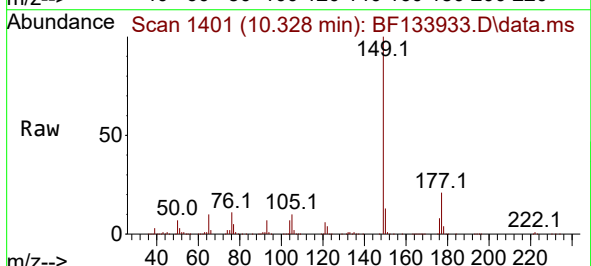
Instrument :
BNA_F
ClientSampleId :
PB153615BS

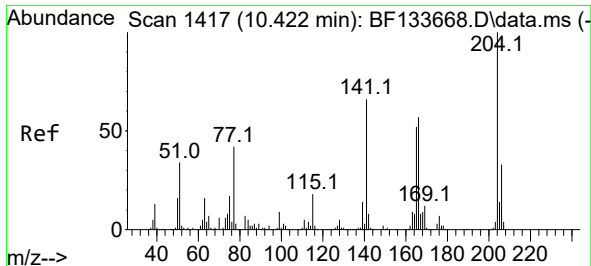
Tgt Ion:232 Resp: 187262
Ion Ratio Lower Upper
232 100
131 48.9 38.0 57.0
130 2.4 1.8 2.8
166 31.0 24.2 36.4



#60
Diethylphthalate
Concen: 38.011 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:149 Resp: 710801
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.8 10.0 15.0

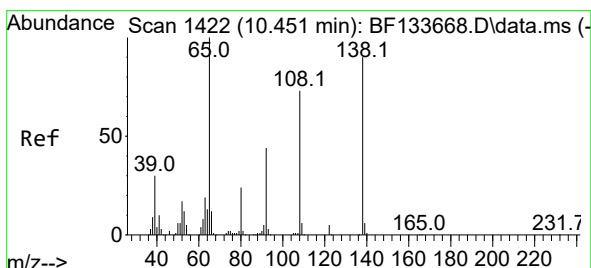
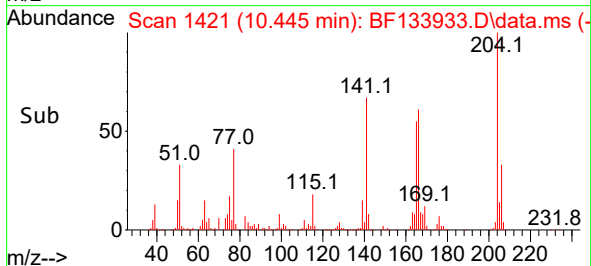
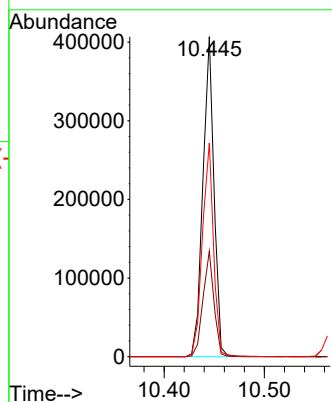
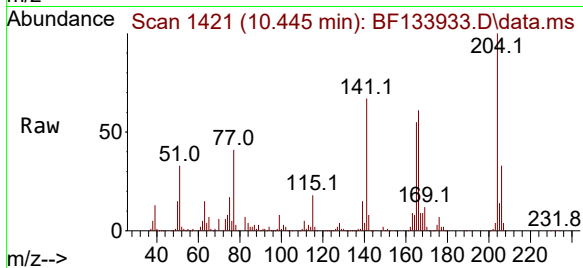




#61
4-Chlorophenyl-phenylether
Concen: 37.728 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

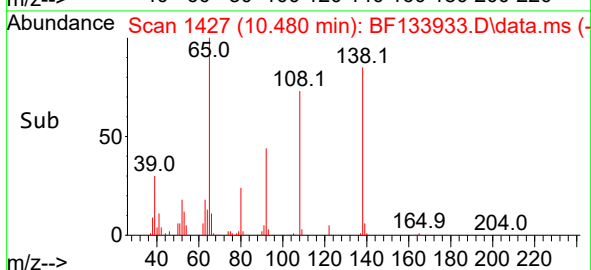
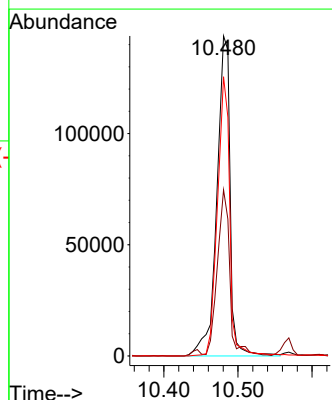
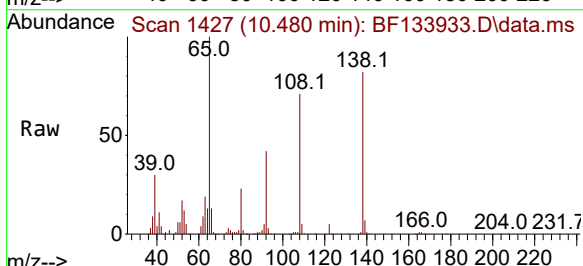
Instrument :
BNA_F
ClientSampleId :
PB153615BS

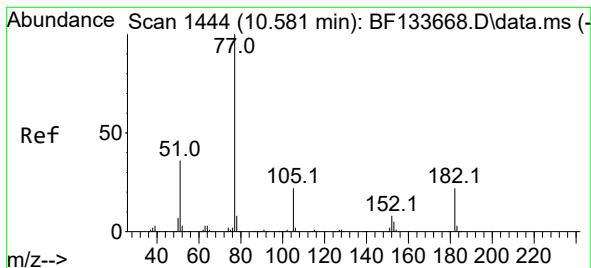
Tgt Ion:204 Resp: 315312
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 66.8 52.8 79.2



#62
4-Nitroaniline
Concen: 39.532 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:138 Resp: 178884
Ion Ratio Lower Upper
138 100
92 51.9 28.9 68.9
108 87.3 61.0 101.0





#63

Azobenzene

Concen: 37.765 ng

RT: 10.610 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion: 77 Resp: 668540

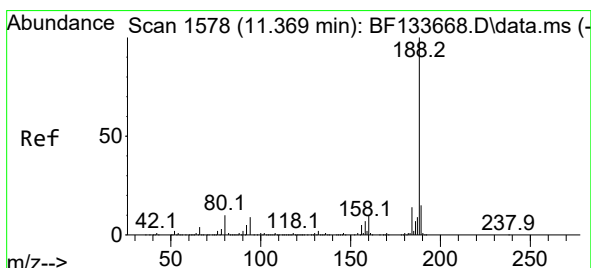
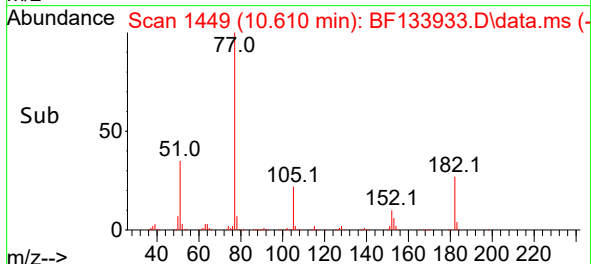
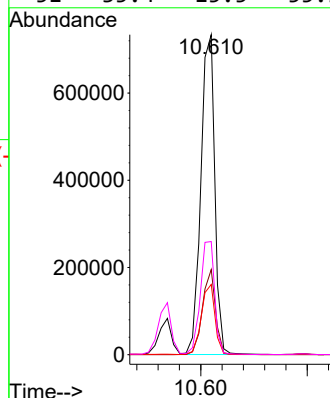
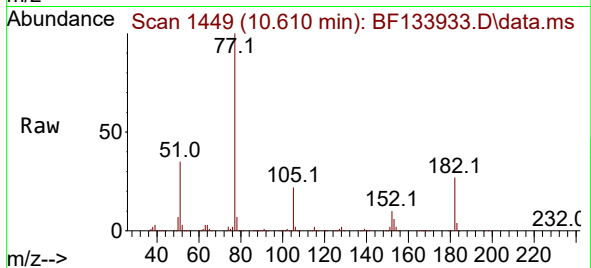
Ion Ratio Lower Upper

77 100

182 26.6 1.6 41.6

105 22.0 1.6 41.6

51 35.4 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

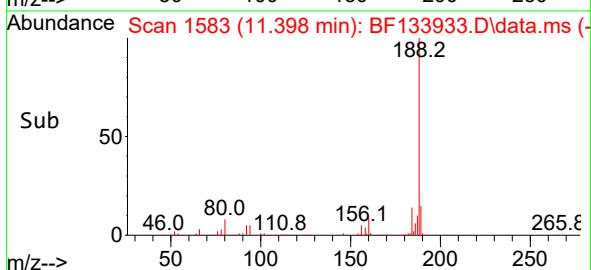
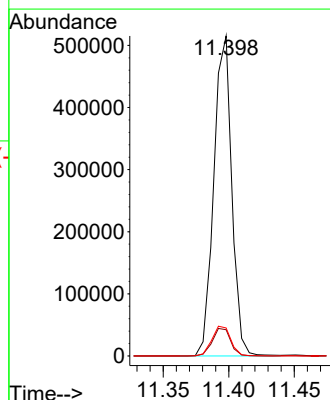
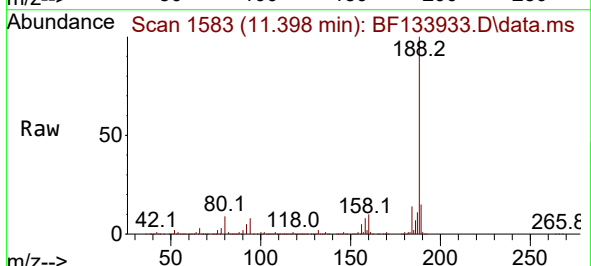
Tgt Ion: 188 Resp: 490603

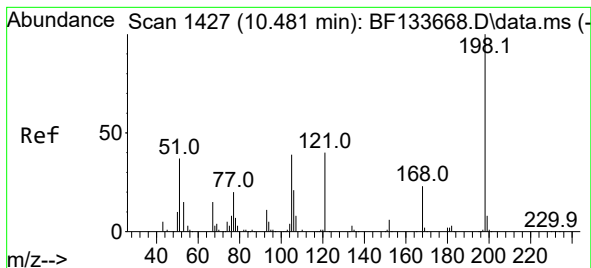
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.8 7.8 11.6

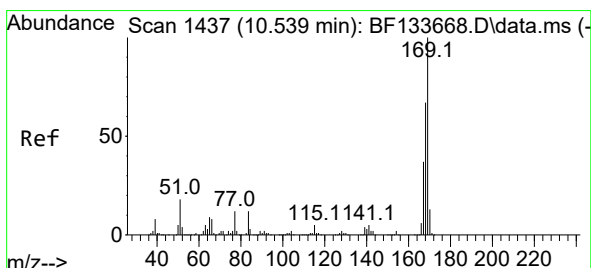
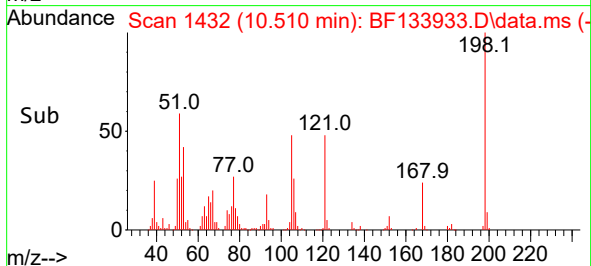
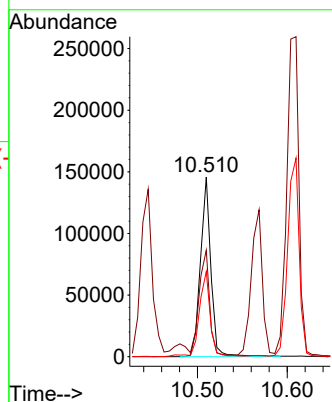
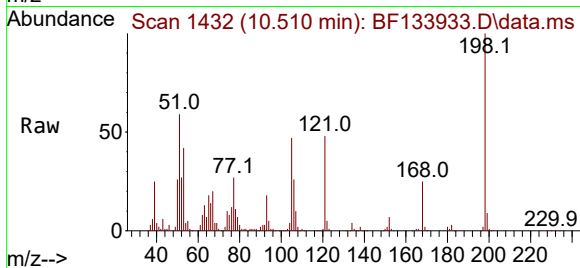




#65
4,6-Dinitro-2-methylphenol
Concen: 50.061 ng
RT: 10.510 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

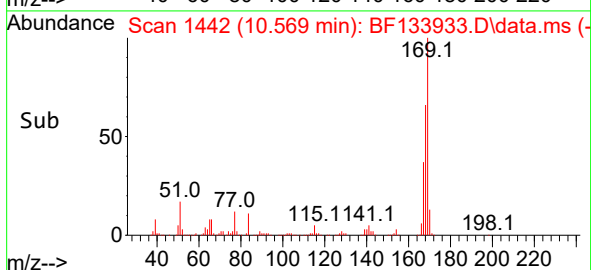
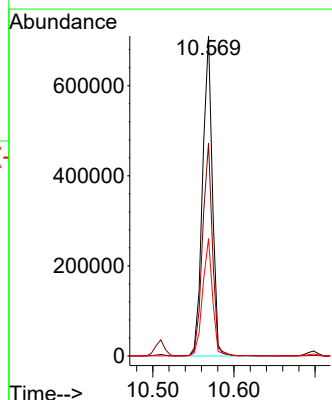
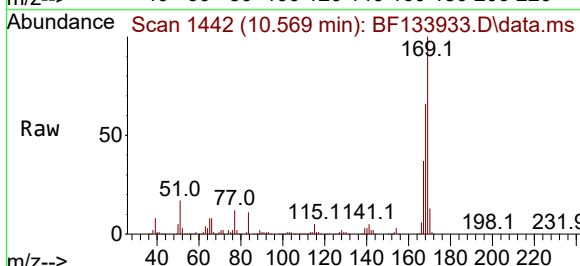
Instrument :
BNA_F
ClientSampleId :
PB153615BS

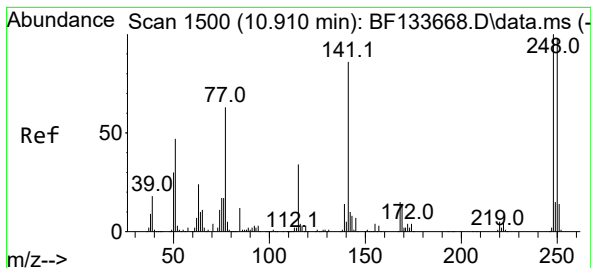
Tgt Ion:198 Resp: 117359
Ion Ratio Lower Upper
198 100
51 59.2 27.5 67.5
105 47.3 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 36.054 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:169 Resp: 594157
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.6 29.8 44.8

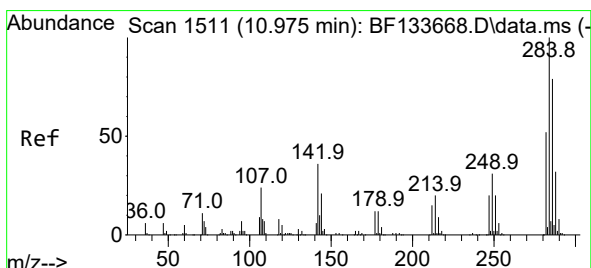
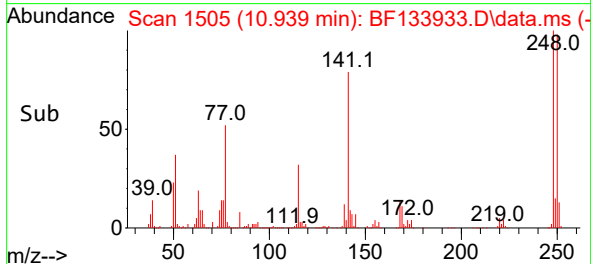
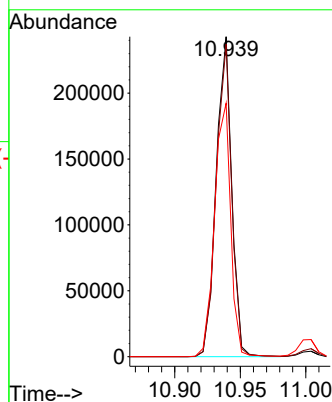
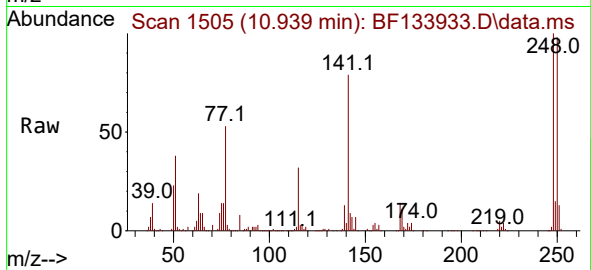




#67
4-Bromophenyl-phenylether
Concen: 36.655 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

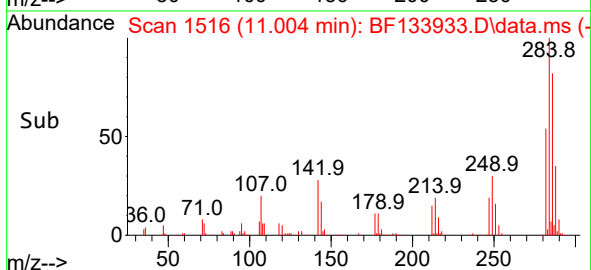
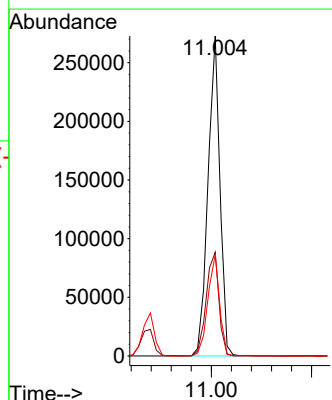
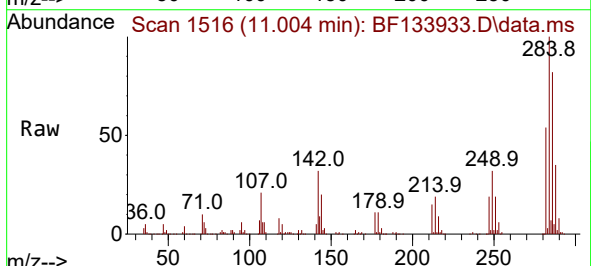
Instrument :
BNA_F
ClientSampleId :
PB153615BS

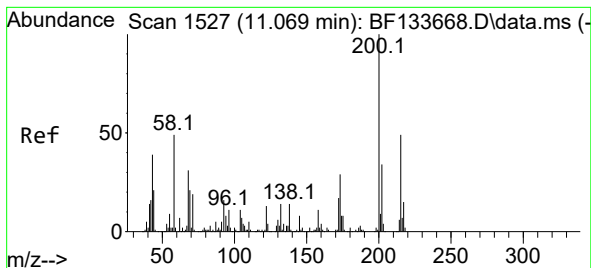
Tgt Ion:248 Resp: 200717
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 79.2 69.0 103.6



#68
Hexachlorobenzene
Concen: 39.460 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:284 Resp: 227219
Ion Ratio Lower Upper
284 100
142 32.4 28.6 42.8
249 31.6 24.6 36.8





#69

Atrazine

Concen: 42.787 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

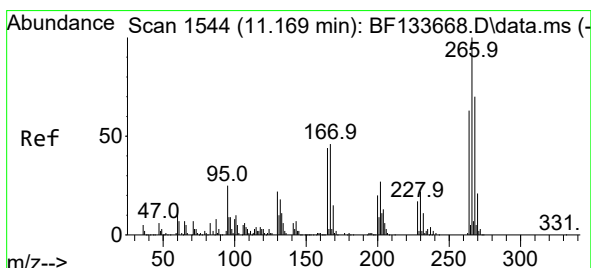
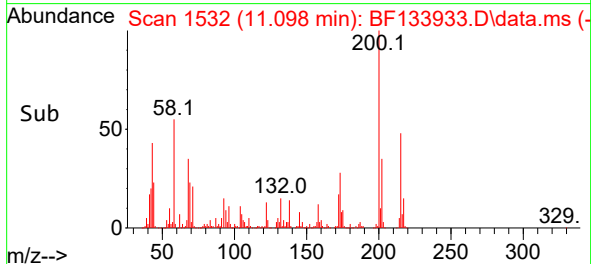
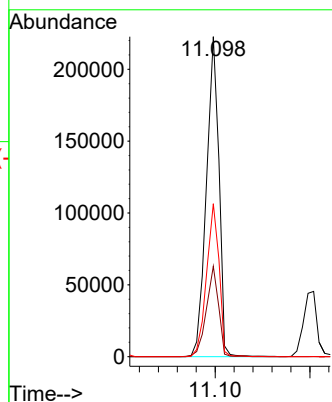
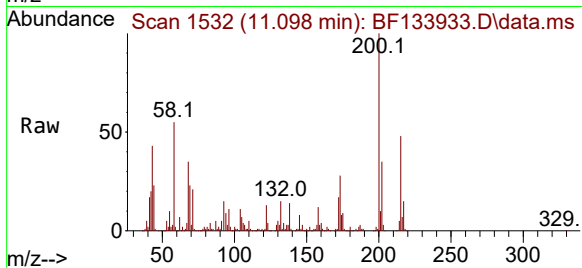
Tgt Ion:200 Resp: 204585

Ion Ratio Lower Upper

200 100

173 28.3 8.7 48.7

215 47.8 29.0 69.0



#70

Pentachlorophenol

Concen: 69.055 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

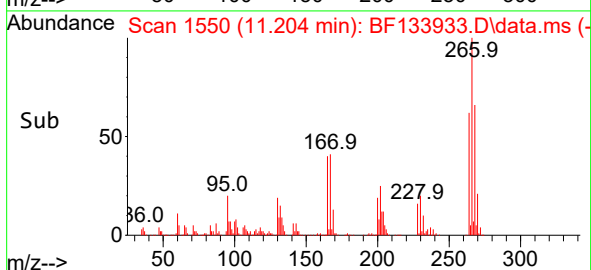
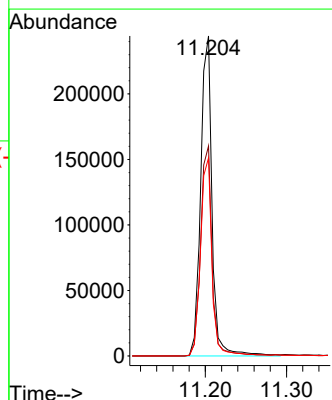
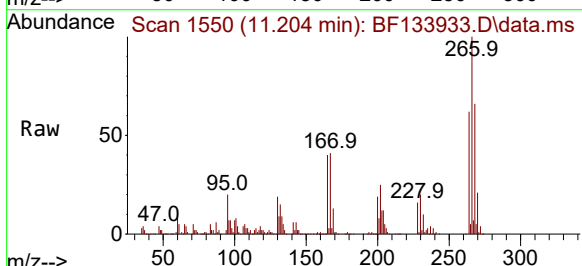
Tgt Ion:266 Resp: 238104

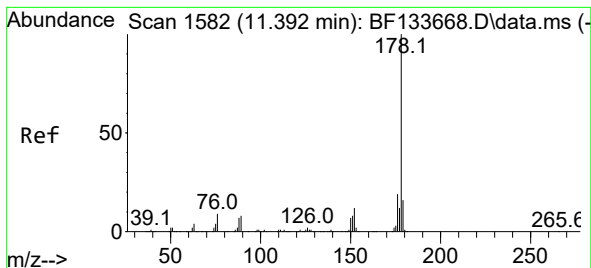
Ion Ratio Lower Upper

266 100

268 65.6 55.7 83.5

264 61.9 50.7 76.1





#71

Phenanthrene

Concen: 39.134 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

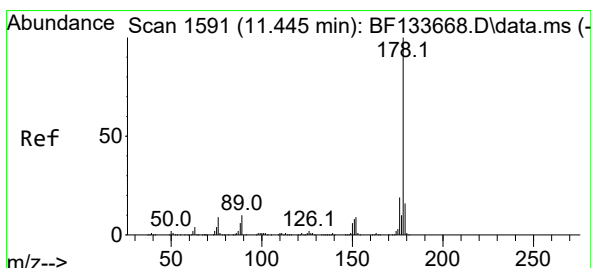
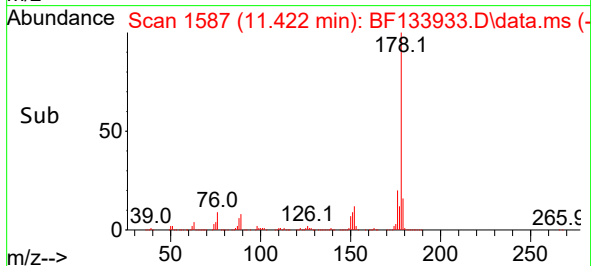
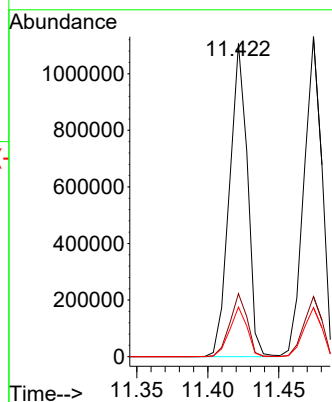
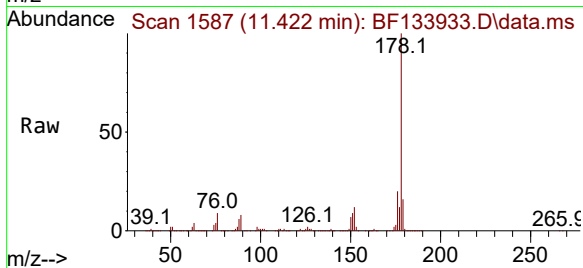
Tgt Ion:178 Resp: 974083

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.9 12.4 18.6



#72

Anthracene

Concen: 38.369 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

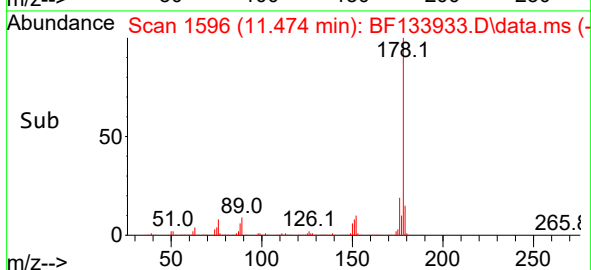
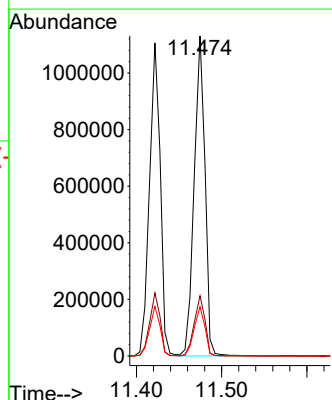
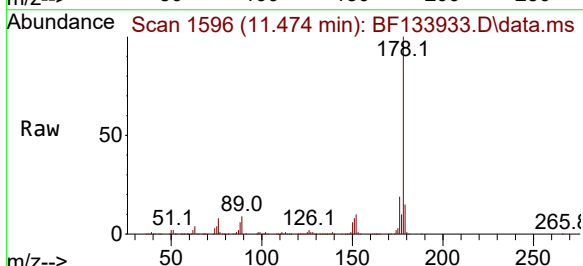
Tgt Ion:178 Resp: 995813

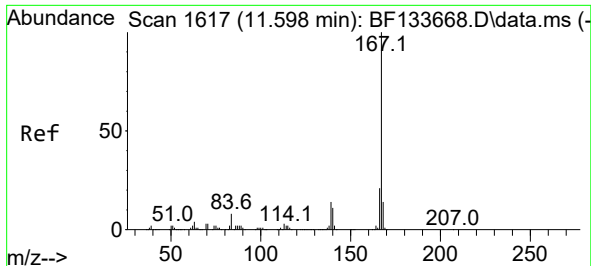
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.3 12.6 18.8

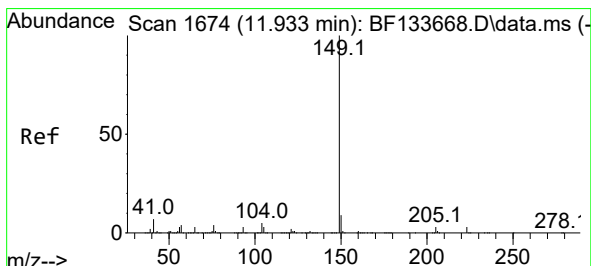
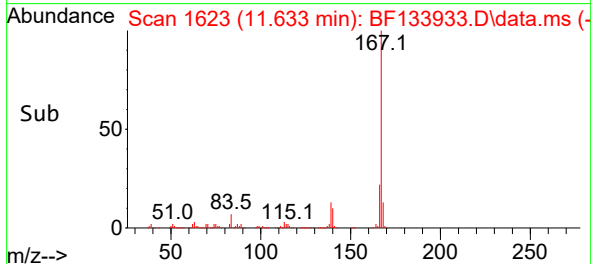
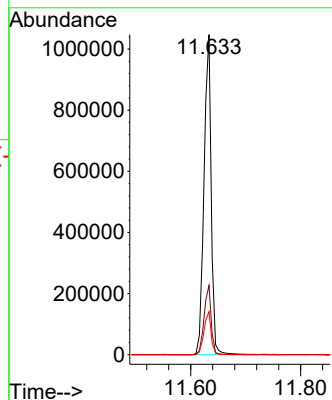
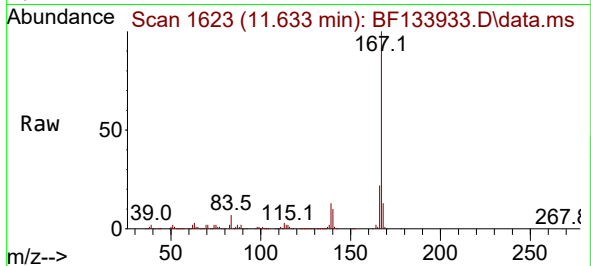




#73
 Carbazole
 Concen: 39.562 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

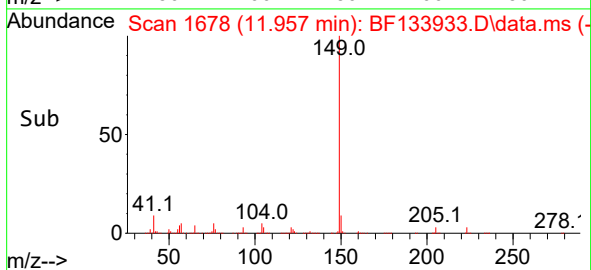
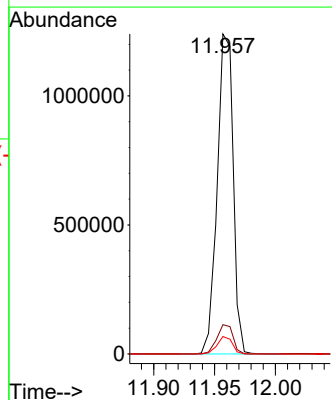
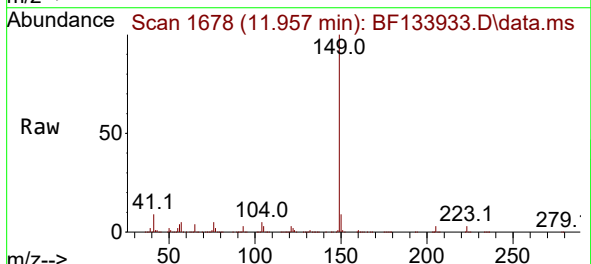
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

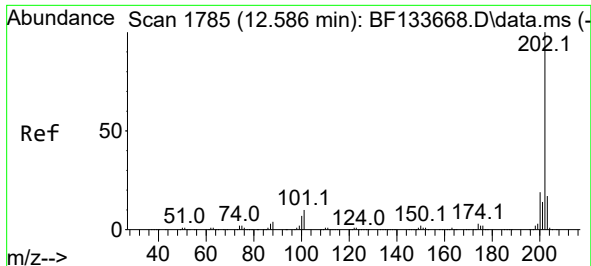
Tgt Ion:167 Resp: 956291
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 36.678 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

Tgt Ion:149 Resp: 1136599
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 3.8 5.8

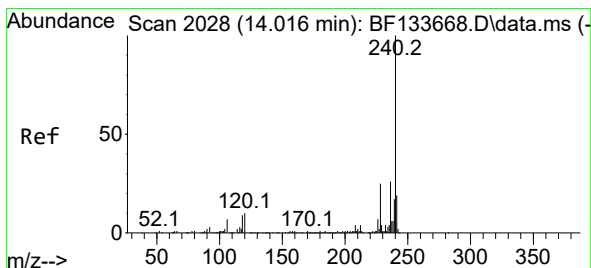
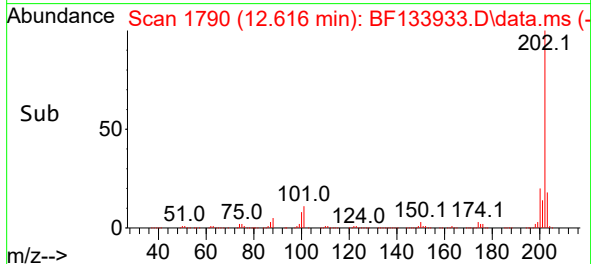
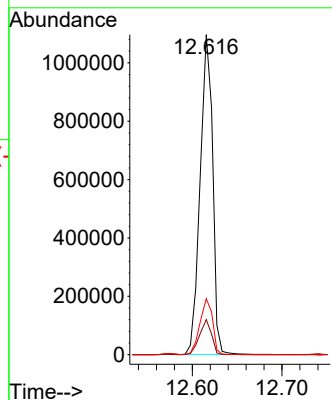
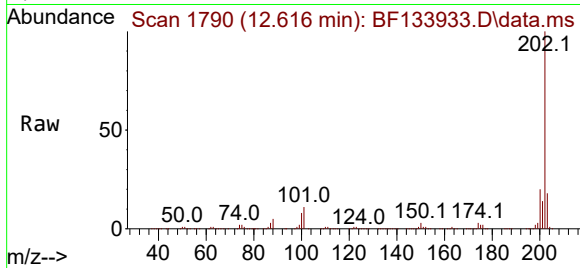




#75
Fluoranthene
Concen: 40.143 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

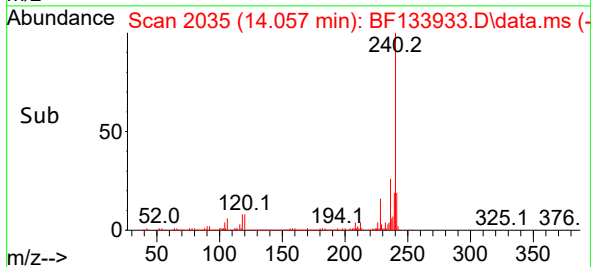
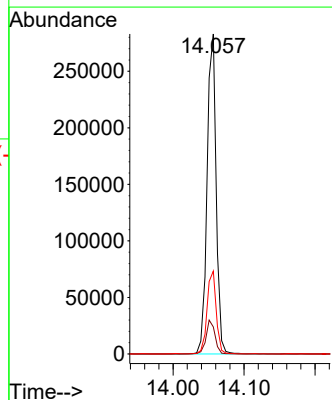
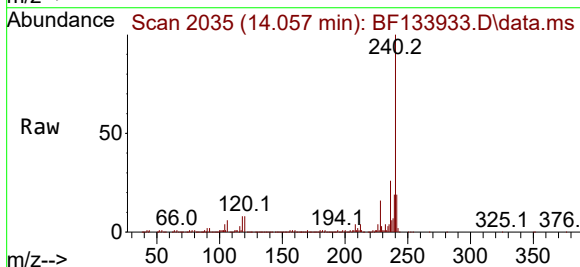
Instrument :
BNA_F
ClientSampleId :
PB153615BS

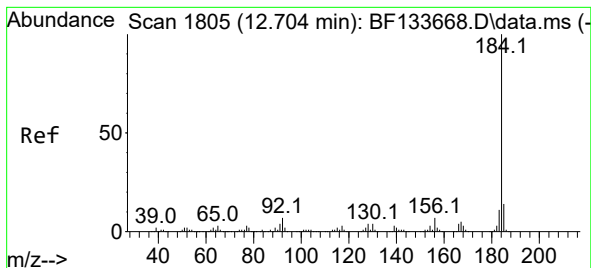
Tgt Ion:202 Resp: 1061058
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:240 Resp: 252492
Ion Ratio Lower Upper
240 100
120 8.4 8.1 12.1
236 25.9 20.5 30.7





#77

Benzidine

Concen: 30.636 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

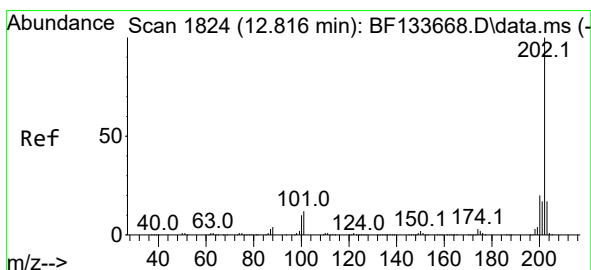
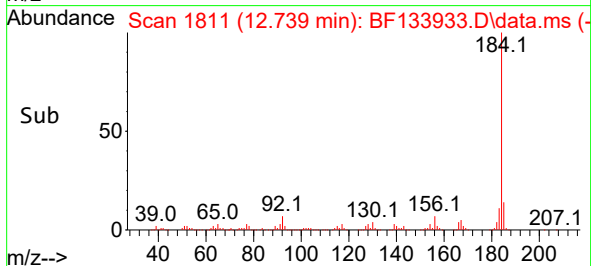
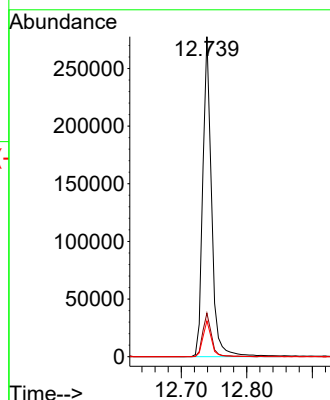
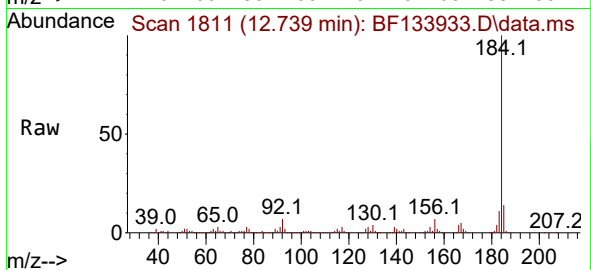
Tgt Ion:184 Resp: 259569

Ion Ratio Lower Upper

184 100

185 13.6 11.6 17.4

183 11.2 8.4 12.6



#78

Pyrene

Concen: 45.141 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

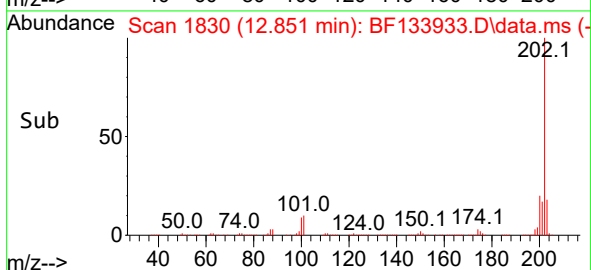
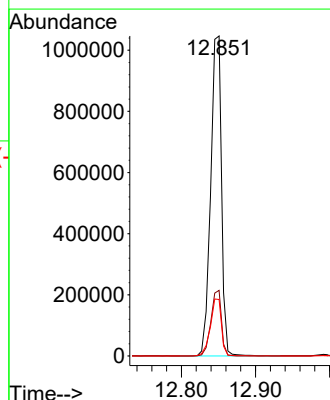
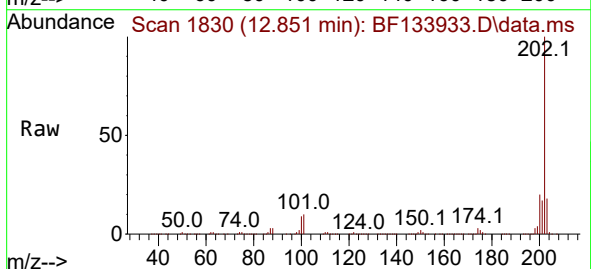
Tgt Ion:202 Resp: 1061751

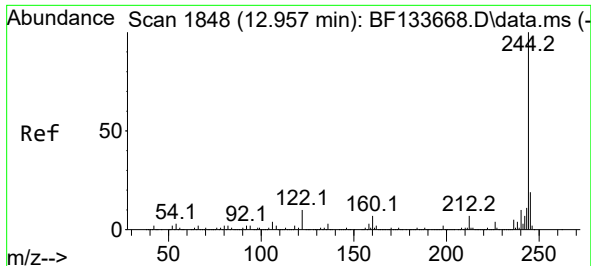
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 17.7 13.9 20.9

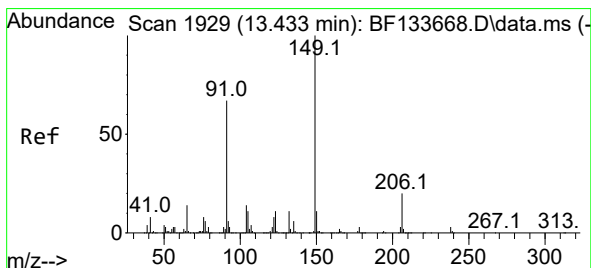
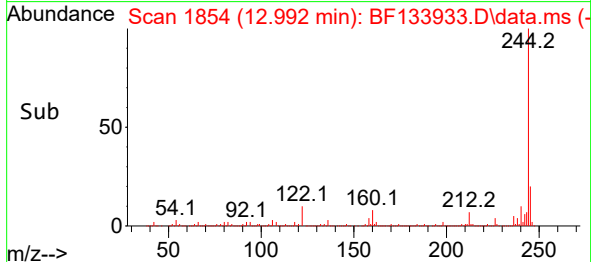
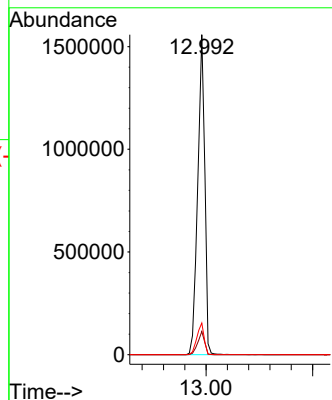
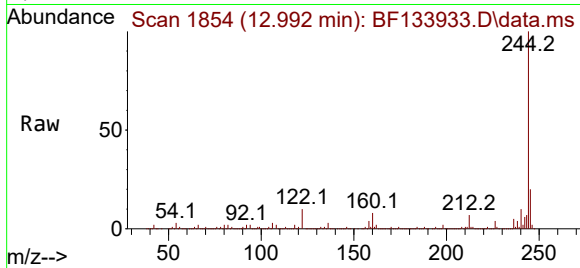




#79
Terphenyl-d14
Concen: 88.065 ng
RT: 12.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

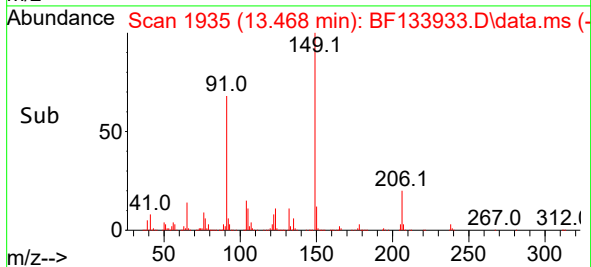
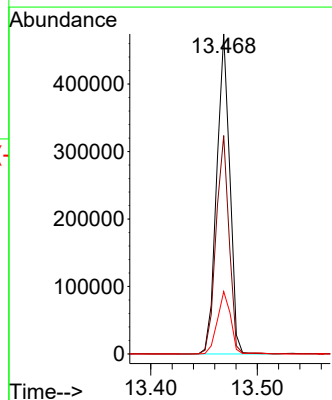
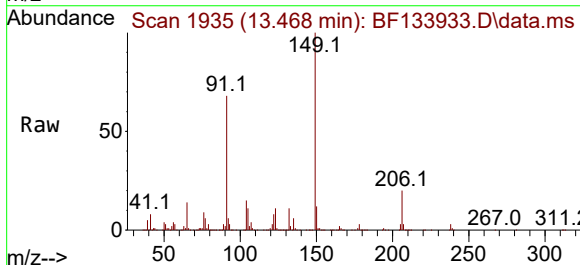
Instrument :
BNA_F
ClientSampleId :
PB153615BS

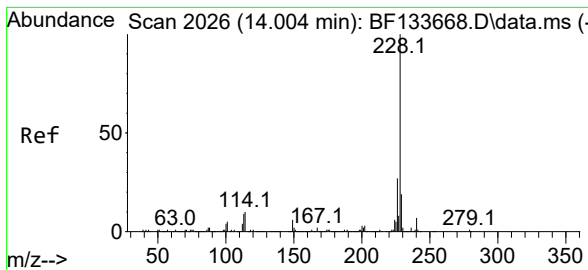
Tgt Ion:244 Resp: 1437024
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 40.691 ng
RT: 13.468 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:149 Resp: 404044
Ion Ratio Lower Upper
149 100
91 68.2 54.0 81.0
206 19.5 15.6 23.4





#81

Benzo(a)anthracene

Concen: 39.912 ng

RT: 14.045 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

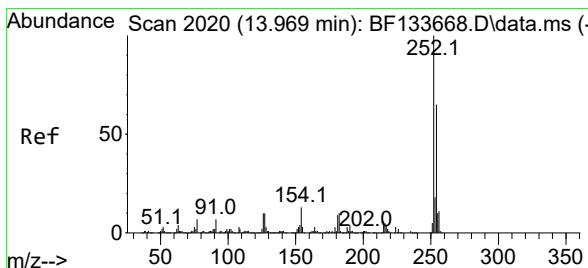
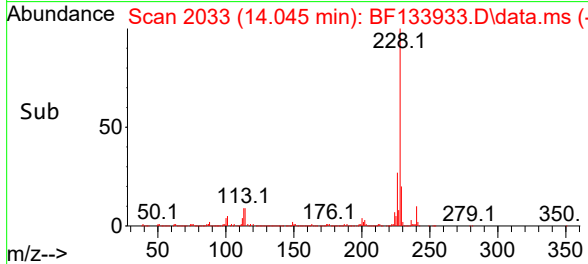
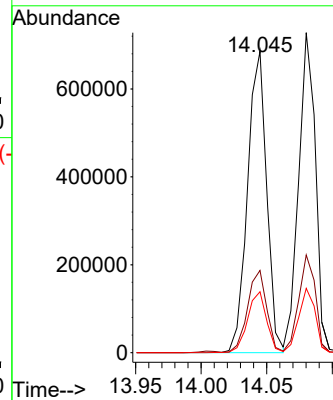
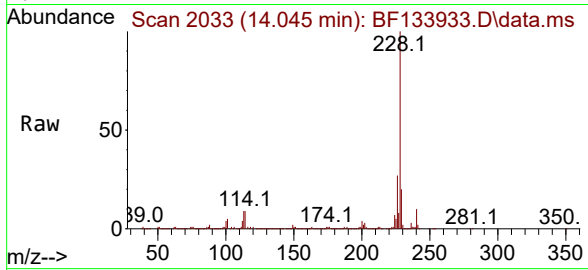
Tgt Ion:228 Resp: 697065

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 20.2 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 31.182 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

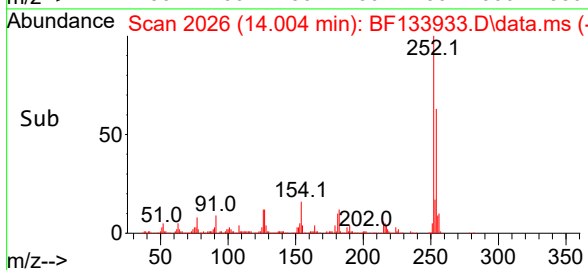
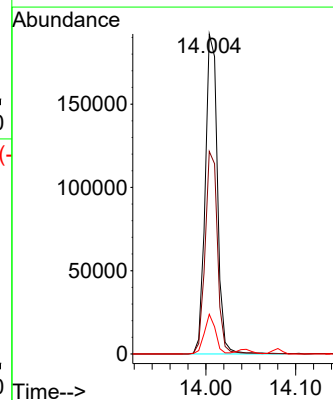
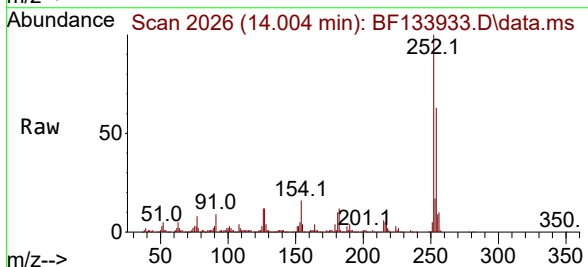
Tgt Ion:252 Resp: 181058

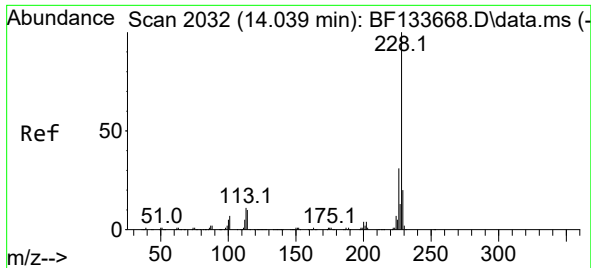
Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

126 12.4 7.7 11.5#





#83

Chrysene

Concen: 39.428 ng

RT: 14.080 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

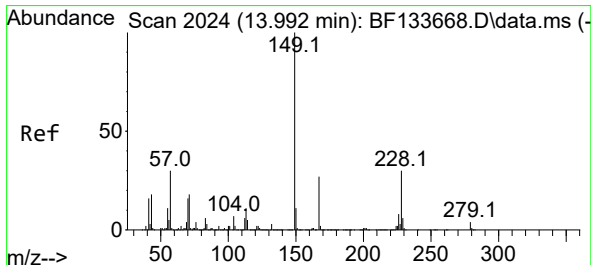
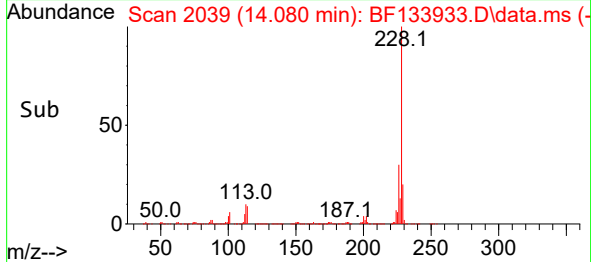
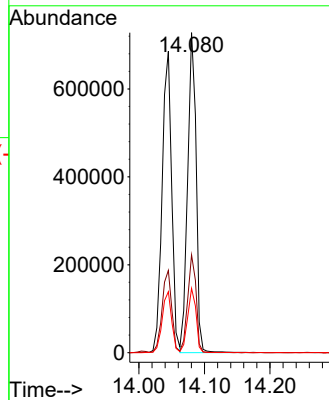
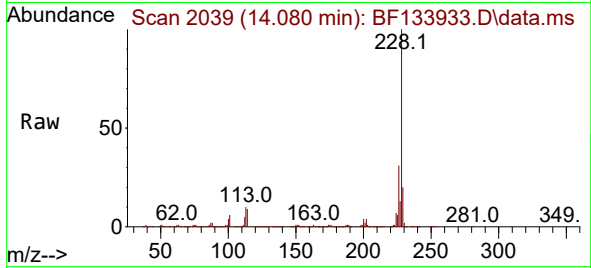
Tgt Ion:228 Resp: 651304

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.859 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

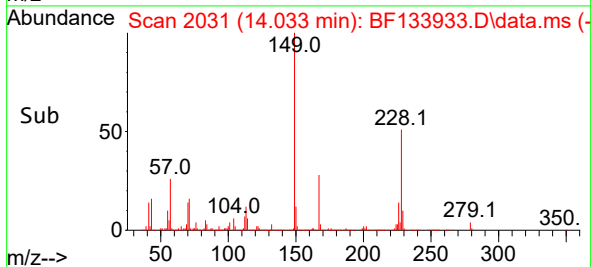
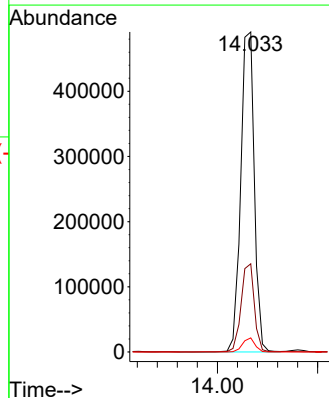
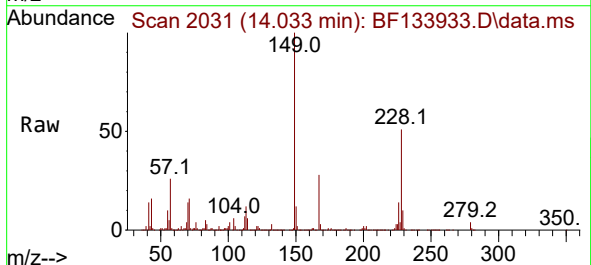
Tgt Ion:149 Resp: 462877

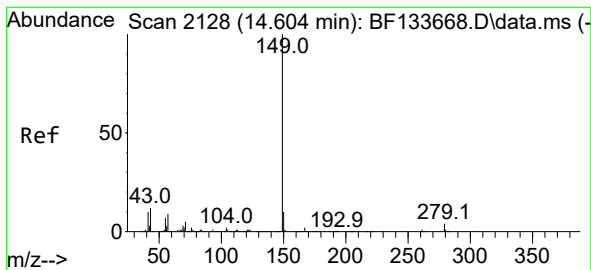
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.796 ng

RT: 14.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

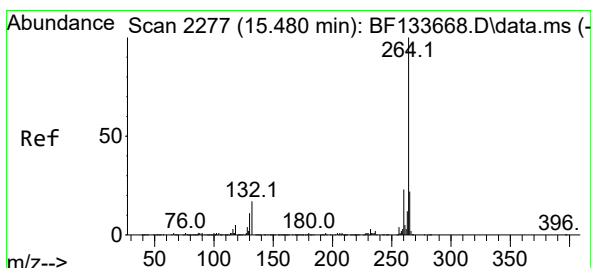
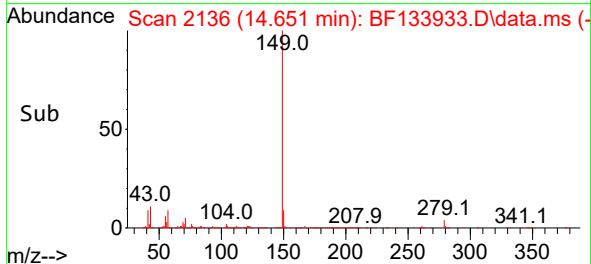
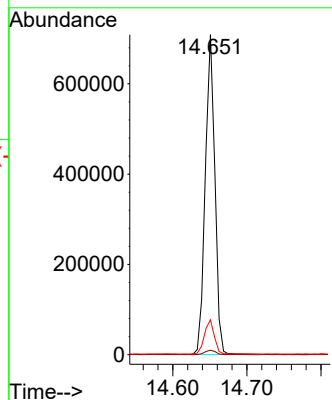
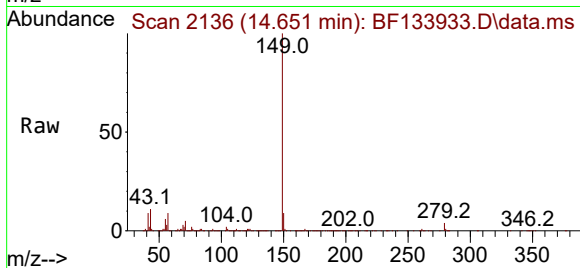
Tgt Ion:149 Resp: 639301

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.9 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: BF133933.D

Acq: 23 Jun 2023 09:44

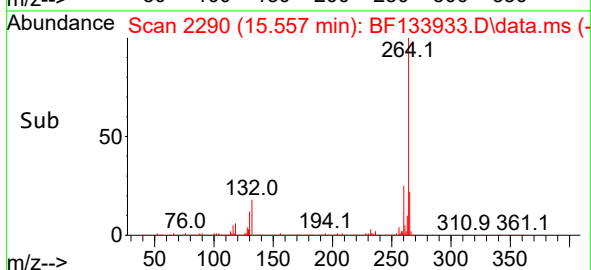
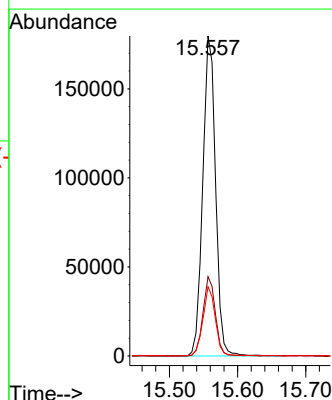
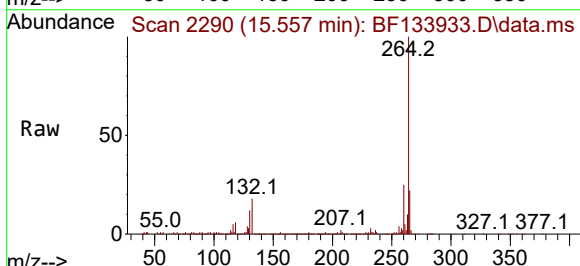
Tgt Ion:264 Resp: 234685

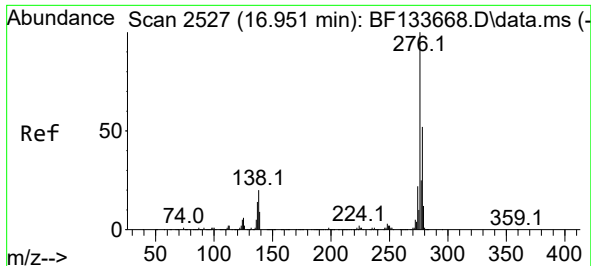
Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 21.6 17.8 26.6

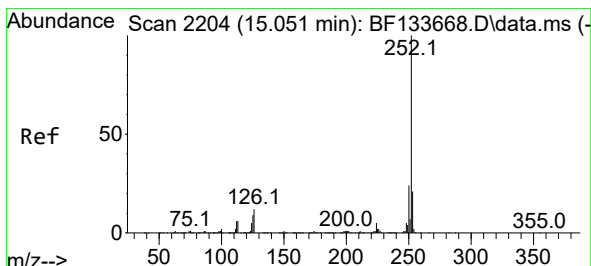
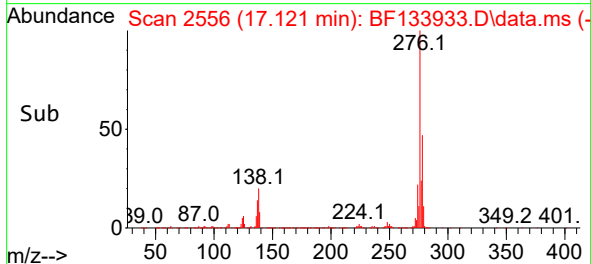
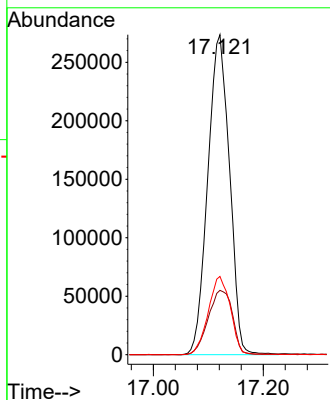
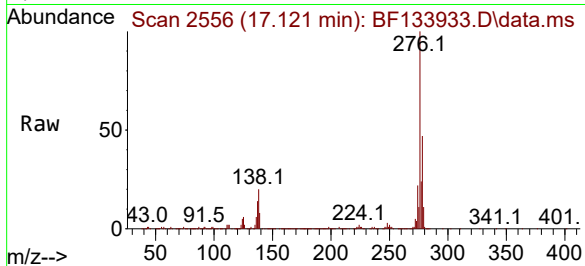




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.466 ng
 RT: 17.121 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

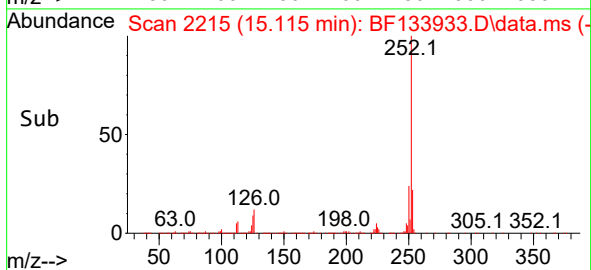
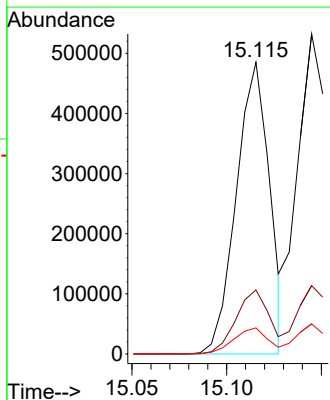
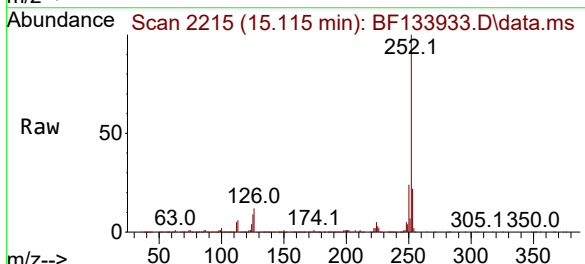
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

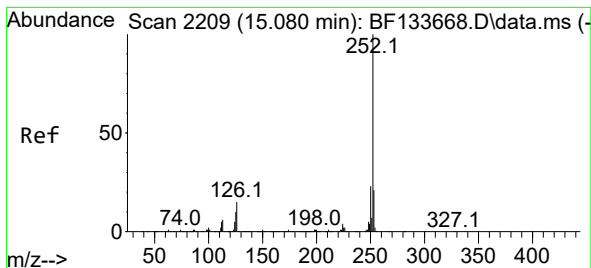
Tgt Ion:276 Resp: 750222
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.9 26.9
 277 25.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.494 ng
 RT: 15.115 min Scan# 2215
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

Tgt Ion:252 Resp: 591546
 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: 42.131 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

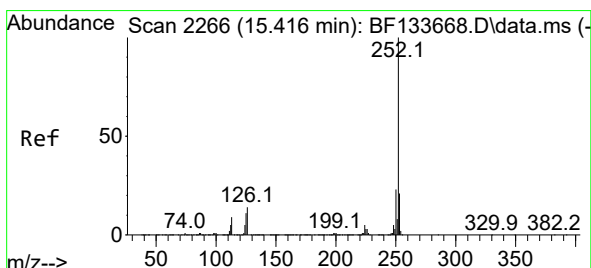
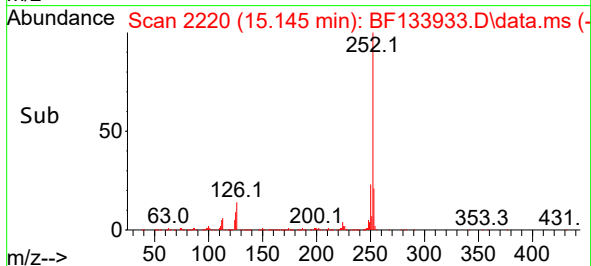
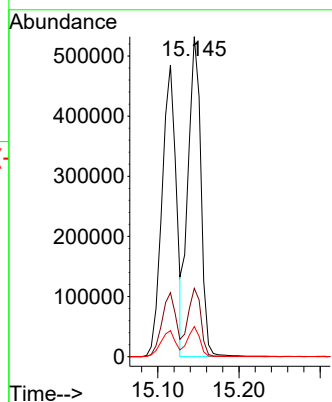
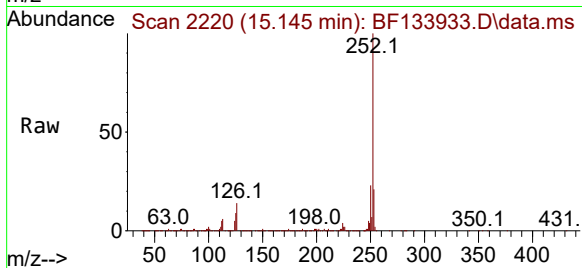
Tgt Ion:252 Resp: 585081

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 9.4 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.453 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

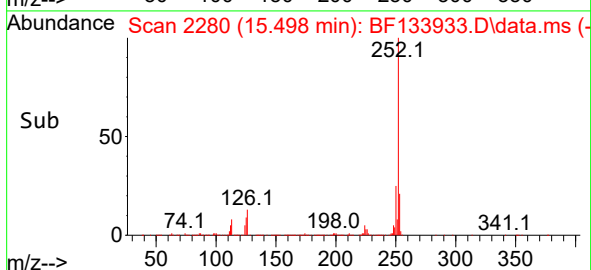
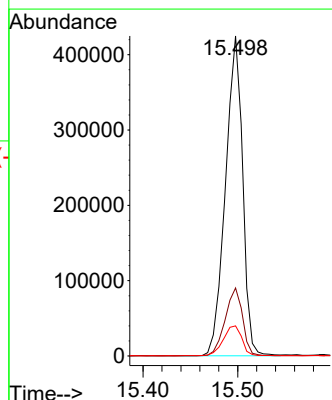
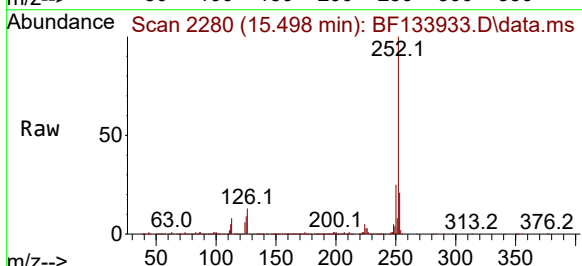
Tgt Ion:252 Resp: 535227

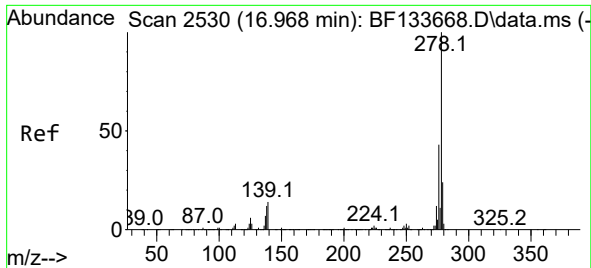
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 9.4 8.6 13.0

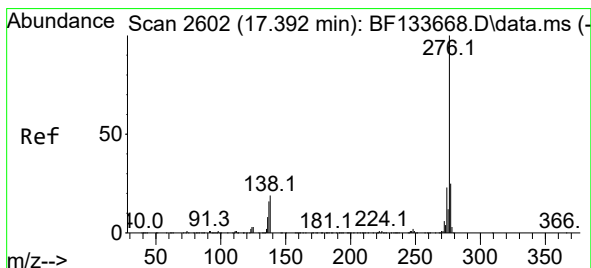
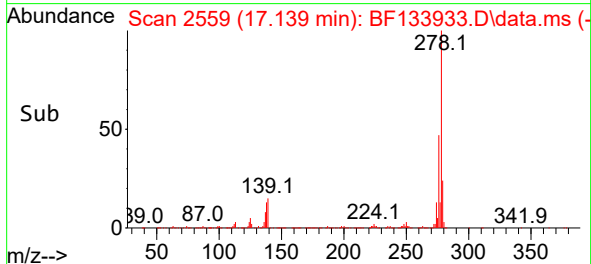
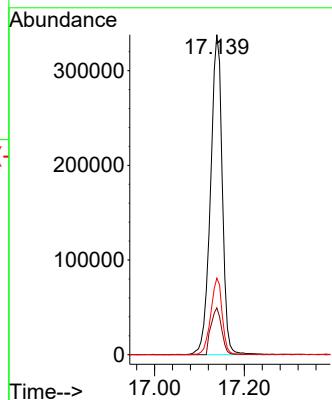
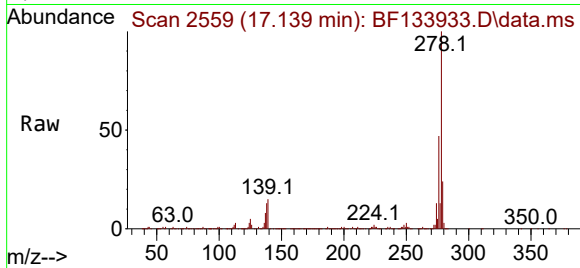




#91
Dibenzo(a,h)anthracene
Concen: 45.930 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :
BNA_F
ClientSampleId :
PB153615BS

Tgt Ion:278 Resp: 613941
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.719 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:276 Resp: 619169
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.8
138 21.1 15.0 22.4

