

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133158.D
 Acq On : 01 May 2023 16:29
 Operator : CG\JU
 Sample : PB152505BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152505BS

Quant Time: May 02 05:19:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	186611	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	745546	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	395899	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	683659	20.000	ng	0.00
76) Chrysene-d12	13.892	240	447735	20.000	ng	0.00
86) Perylene-d12	15.304	264	398210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1425033	115.356	ng	0.01
7) Phenol-d6	6.381	99	1754643	114.435	ng	0.00
23) Nitrobenzene-d5	7.298	82	1063757	77.015	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	451563	113.415	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1861633	78.669	ng	0.00
79) Terphenyl-d14	12.839	244	1960070	75.502	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	282634	49.326	ng	97
3) Pyridine	3.181	79	693441	45.565	ng	96
4) n-Nitrosodimethylamine	3.140	42	346997	44.020	ng	97
6) Aniline	6.393	93	788020	39.903	ng	# 23
8) 2-Chlorophenol	6.522	128	629507	50.189	ng	94
9) Benzaldehyde	6.275	77	364879	61.931	ng	99
10) Phenol	6.393	94	767756	45.389	ng	# 72
11) bis(2-Chloroethyl)ether	6.469	93	597392	47.063	ng	99
12) 1,3-Dichlorobenzene	6.675	146	669098	50.175	ng	97
13) 1,4-Dichlorobenzene	6.751	146	682470	51.065	ng	98
14) 1,2-Dichlorobenzene	6.904	146	625801	50.790	ng	99
15) Benzyl Alcohol	6.881	79	502265	47.421	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	997802	45.259	ng	96
17) 2-Methylphenol	6.998	107	537239	46.777	ng	99
18) Hexachloroethane	7.245	117	239058	51.449	ng	100
19) n-Nitroso-di-n-propyla...	7.157	70	420893	44.093	ng	93
20) 3+4-Methylphenols	7.151	107	632833	46.788	ng	# 82
22) Acetophenone	7.145	105	854635	49.486	ng	98
24) Nitrobenzene	7.316	77	668488	47.761	ng	97
25) Isophorone	7.557	82	1240612	47.307	ng	99
26) 2-Nitrophenol	7.634	139	362604	53.712	ng	94
27) 2,4-Dimethylphenol	7.681	122	605836	52.336	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	747664	48.192	ng	99
29) 2,4-Dichlorophenol	7.881	162	542027	51.435	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	551076	50.477	ng	99
31) Naphthalene	8.039	128	1804268	48.404	ng	99
32) Benzoic acid	7.816	122	442047	61.822	ng	97
33) 4-Chloroaniline	8.086	127	408156	27.101	ng	99
34) Hexachlorobutadiene	8.157	225	303587	50.172	ng	100
35) Caprolactam	8.469	113	130484	36.859	ng	94
36) 4-Chloro-3-methylphenol	8.575	107	588548	51.791	ng	98
37) 2-Methylnaphthalene	8.728	142	1211066	47.523	ng	100
38) 1-Methylnaphthalene	8.828	142	1134239	47.578	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	485746	45.633	ng	98
41) Hexachlorocyclopentadiene	8.886	237	663214	106.833	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	361163	49.061	ng	99

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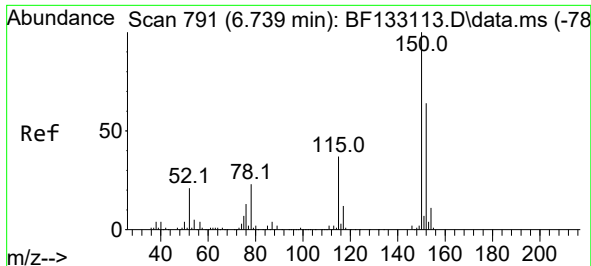
Quant Time: May 02 05:19:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	389513	45.751	ng	99
46) 1,1'-Biphenyl	9.198	154	1477679	47.070	ng	98
47) 2-Chloronaphthalene	9.216	162	1116547	48.593	ng	98
48) 2-Nitroaniline	9.316	65	355751	46.846	ng	99
49) Acenaphthylene	9.633	152	1739981	47.392	ng	99
50) Dimethylphthalate	9.498	163	1306930	47.343	ng	100
51) 2,6-Dinitrotoluene	9.557	165	306457	49.323	ng	93
52) Acenaphthene	9.804	154	1091719	44.397	ng	99
53) 3-Nitroaniline	9.728	138	266251	36.040	ng	95
54) 2,4-Dinitrophenol	9.833	184	347324	111.212	ng	99
55) Dibenzofuran	9.975	168	1559405	46.490	ng	98
56) 4-Nitrophenol	9.898	139	551075	96.310	ng	96
57) 2,4-Dinitrotoluene	9.963	165	396974	50.100	ng	90
58) Fluorene	10.322	166	1121352	45.630	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	323149	48.959	ng	99
60) Diethylphthalate	10.198	149	1226477	47.037	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	551252	46.030	ng	95
62) 4-Nitroaniline	10.345	138	345707	50.914	ng	97
63) Azobenzene	10.475	77	1240330	44.903	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	238223	57.489	ng	88
66) n-Nitrosodiphenylamine	10.433	169	1051373	47.410	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	350933	47.329	ng	95
68) Hexachlorobenzene	10.869	284	386335	50.849	ng	96
69) Atrazine	10.963	200	359521	56.264	ng	99
70) Pentachlorophenol	11.063	266	457608	84.569	ng	98
71) Phenanthrene	11.280	178	1685036	45.858	ng	100
72) Anthracene	11.327	178	1749297	46.519	ng	100
73) Carbazole	11.486	167	1567485	46.813	ng	100
74) Di-n-butylphthalate	11.822	149	1809163	47.745	ng	99
75) Fluoranthene	12.463	202	1698559	46.060	ng	98
77) Benzidine	12.586	184	1108015	146.341	ng	# 93
78) Pyrene	12.692	202	1731437	45.112	ng	99
80) Butylbenzylphthalate	13.316	149	775935	57.097	ng	97
81) Benzo(a)anthracene	13.880	228	1414928	45.955	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	344529	40.506	ng	99
83) Chrysene	13.916	228	1403114	45.583	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	866232	50.783	ng	100
85) Di-n-octyl phthalate	14.492	149	1599900	57.522	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1193280	52.681	ng	99
88) Benzo(b)fluoranthene	14.904	252	1270081	50.134	ng	99
89) Benzo(k)fluoranthene	14.933	252	1217536	48.482	ng	99
90) Benzo(a)pyrene	15.251	252	1068306	46.330	ng	100
91) Dibenzo(a,h)anthracene	16.704	278	992075	52.513	ng	99
92) Benzo(g,h,i)perylene	17.104	276	983680	52.741	ng	98

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

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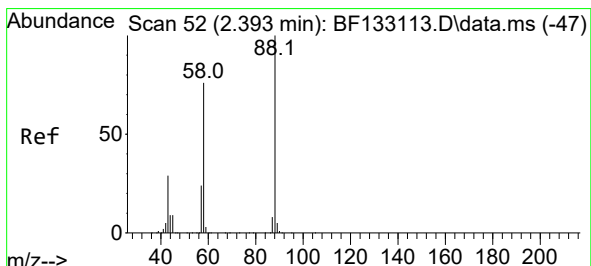
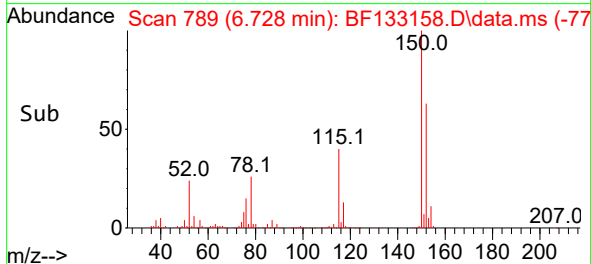
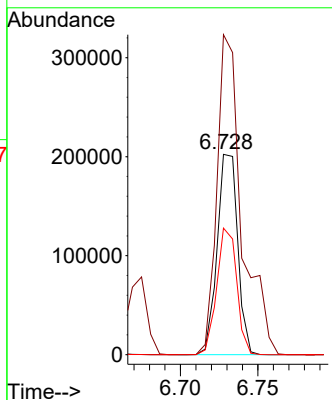
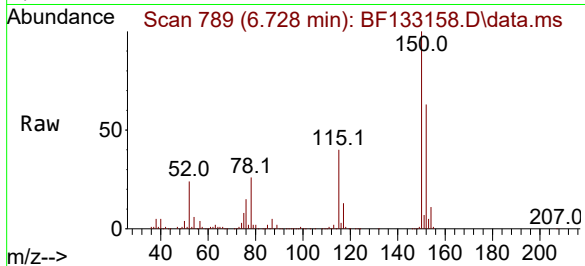




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF133158.D
 Acq: 01 May 2023 16:29

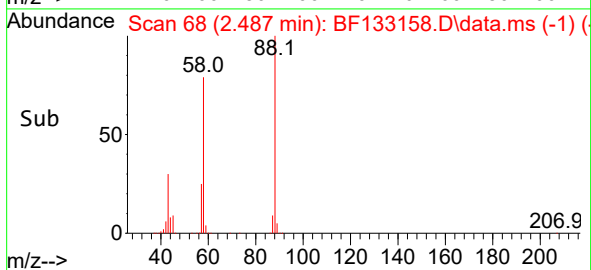
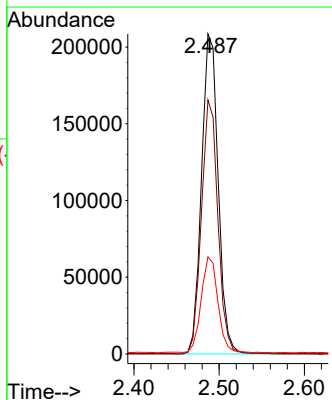
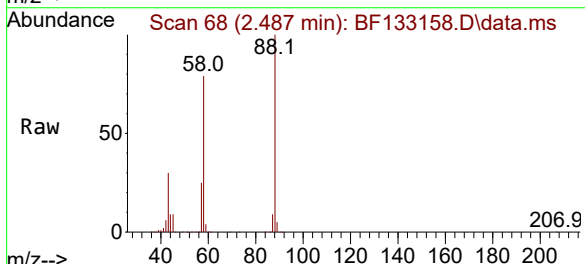
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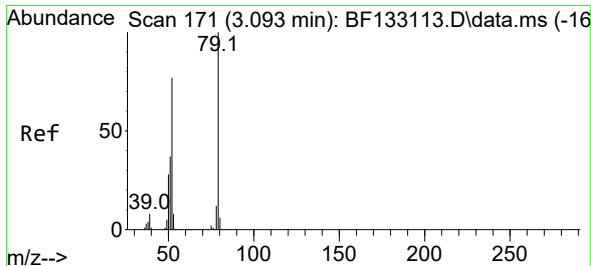
Tgt Ion:152 Resp: 186611
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.8 187.2
 115 63.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 49.326 ng
 RT: 2.487 min Scan# 68
 Delta R.T. 0.100 min
 Lab File: BF133158.D
 Acq: 01 May 2023 16:29

Tgt Ion: 88 Resp: 282634
 Ion Ratio Lower Upper
 88 100
 58 78.7 64.7 97.1
 43 30.5 26.2 39.2

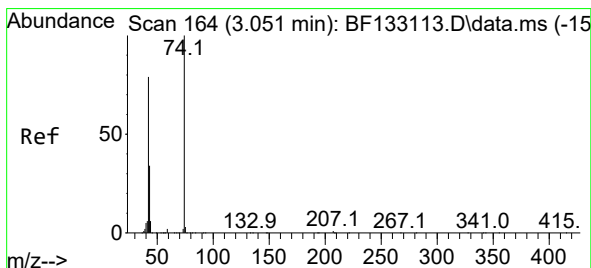
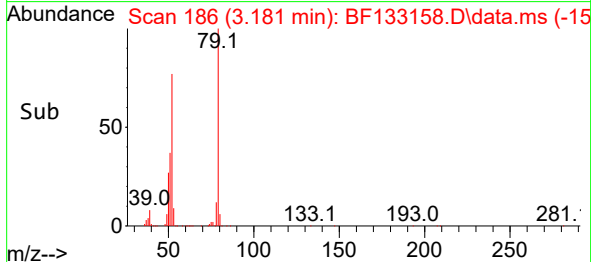
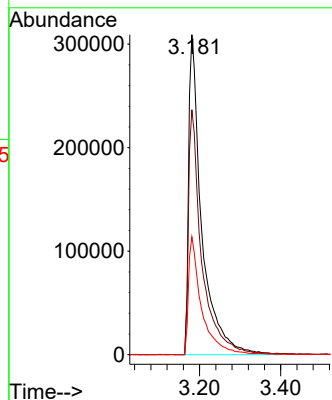
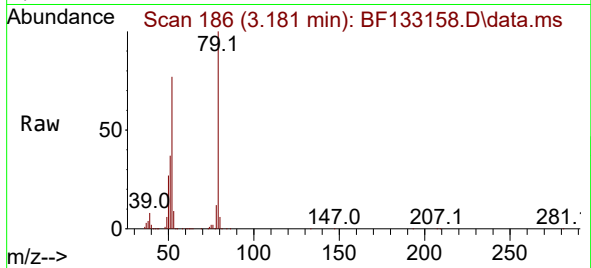




#3
Pyridine
Concen: 45.565 ng
RT: 3.181 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

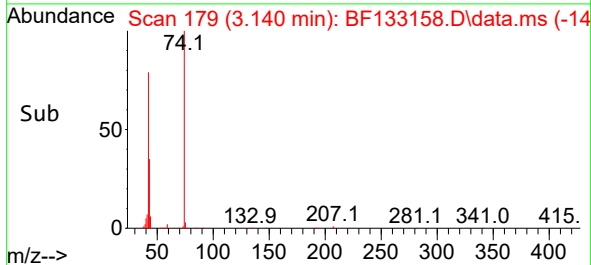
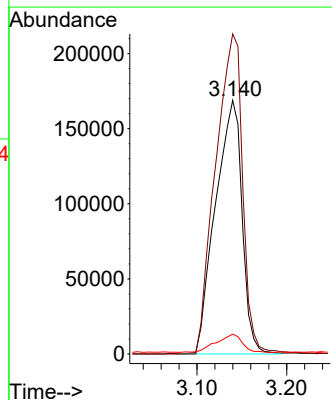
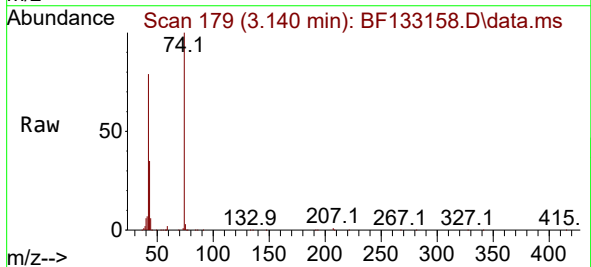
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BNA_F
ClientSampleId :
PB152505BS

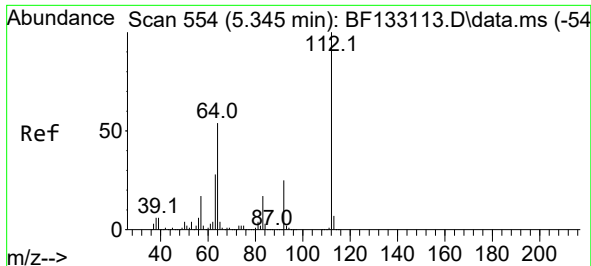
Tgt Ion: 79 Resp: 693441
Ion Ratio Lower Upper
79 100
52 76.5 64.6 96.8
51 36.8 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 44.020 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.094 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion: 42 Resp: 346997
Ion Ratio Lower Upper
42 100
74 126.2 98.0 147.0
44 7.9 5.8 8.8

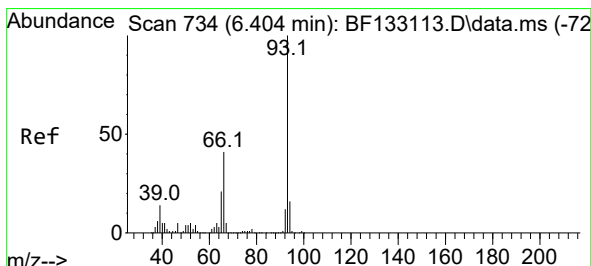
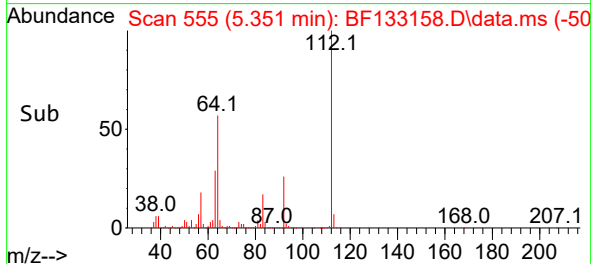
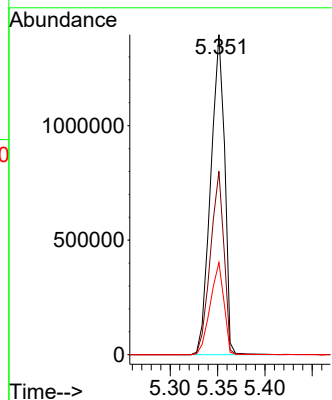
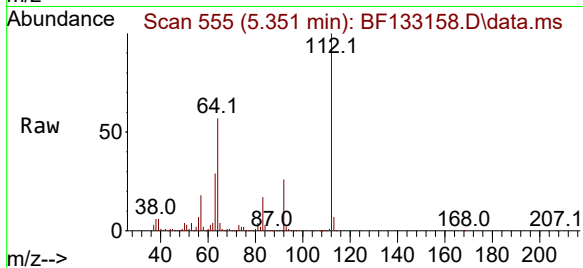




#5
2-Fluorophenol
Concen: 115.356 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

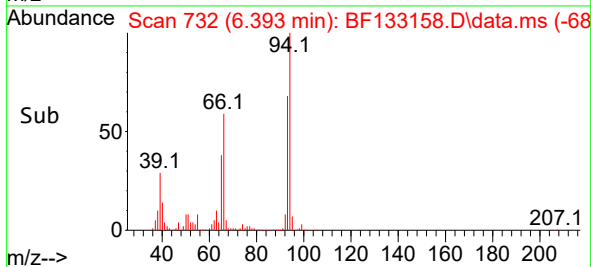
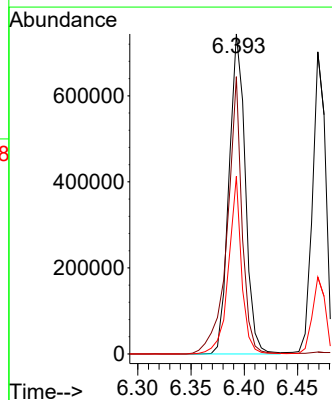
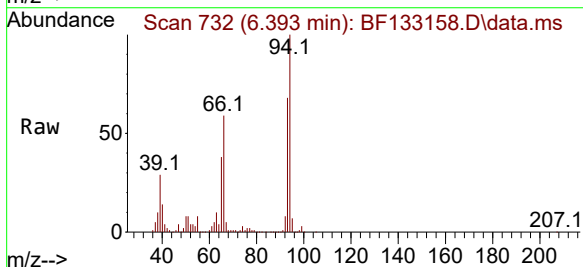
Instrument :
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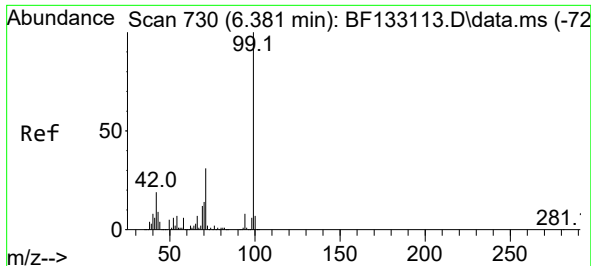
Tgt Ion:112 Resp: 1425033
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 28.8 23.8 35.8



#6
Aniline
Concen: 39.903 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion: 93 Resp: 788020
Ion Ratio Lower Upper
93 100
66 86.7 31.5 47.3#
65 55.5 16.4 24.6#





#7

Phenol-d6

Concen: 114.435 ng

RT: 6.381 min Scan# 730

Delta R.T. 0.006 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

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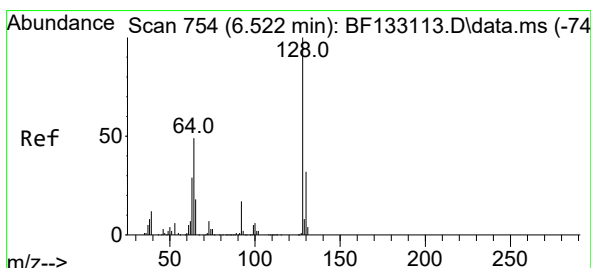
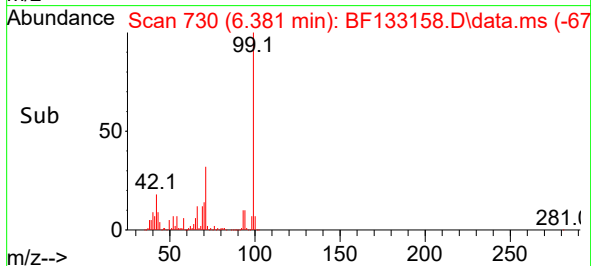
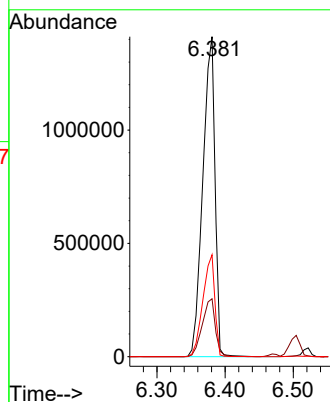
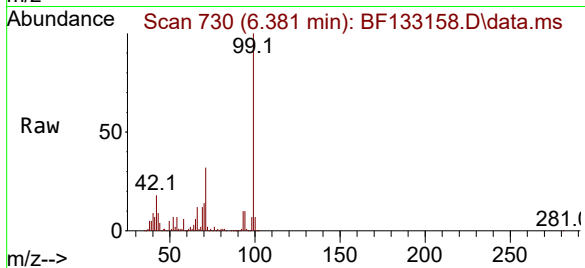
Tgt Ion: 99 Resp: 1754643

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 31.8 25.6 38.4



#8

2-Chlorophenol

Concen: 50.189 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

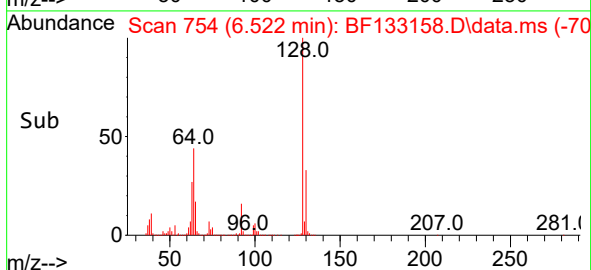
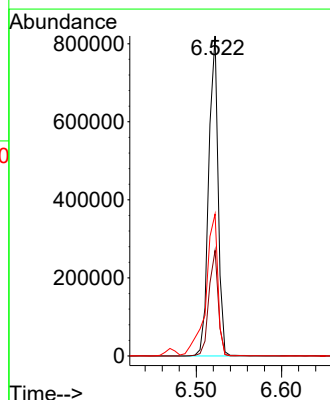
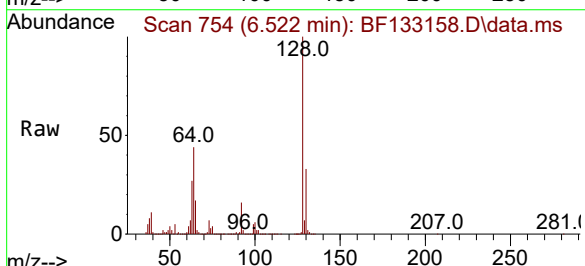
Tgt Ion:128 Resp: 629507

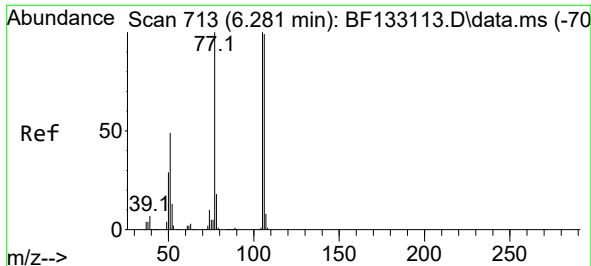
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 44.3 30.3 70.3

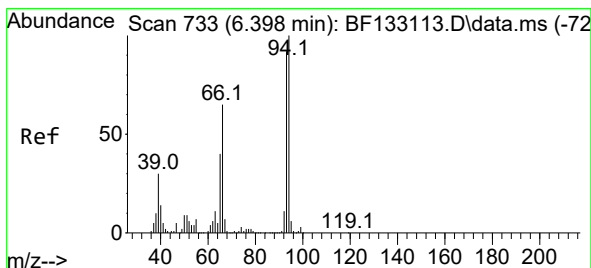
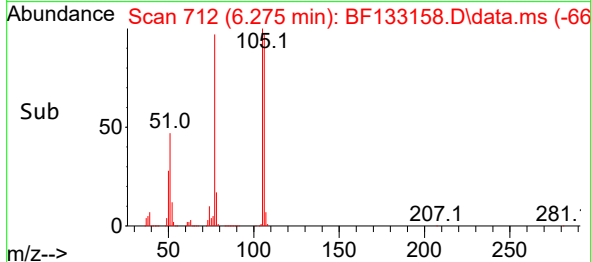
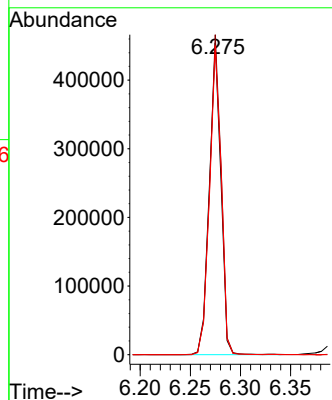
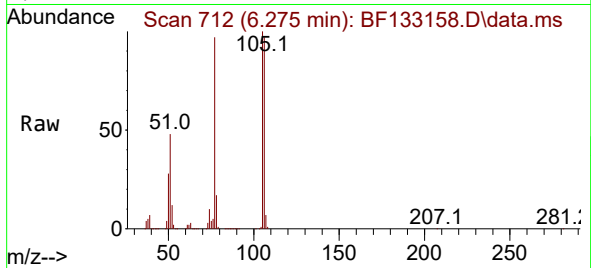




#9
Benzaldehyde
Concen: 61.931 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

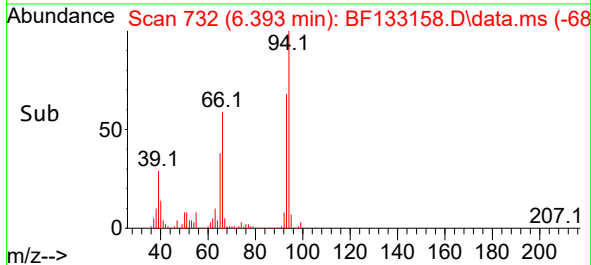
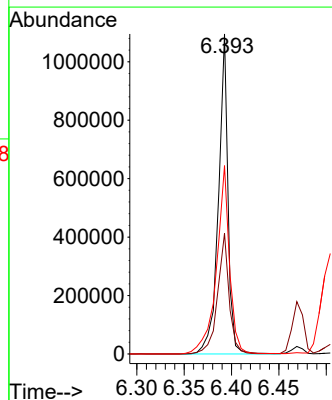
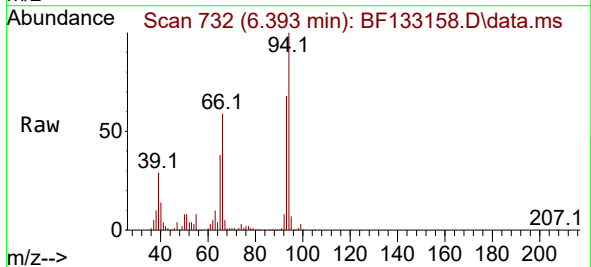
Instrument :
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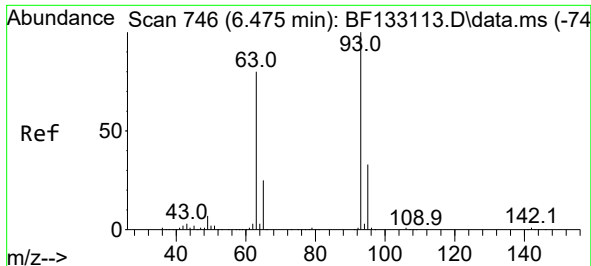
Tgt Ion: 77 Resp: 364879
Ion Ratio Lower Upper
77 100
105 102.6 82.3 122.3
106 99.1 80.8 120.8



#10
Phenol
Concen: 45.389 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion: 94 Resp: 767756
Ion Ratio Lower Upper
94 100
65 37.7 8.6 48.6
66 58.9 17.3 57.3#

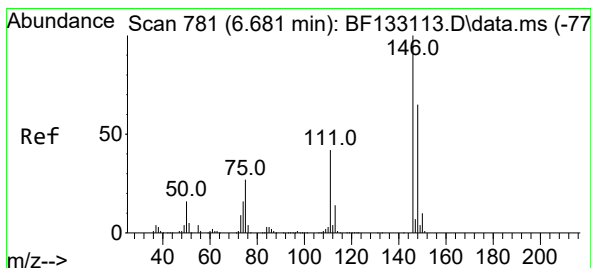
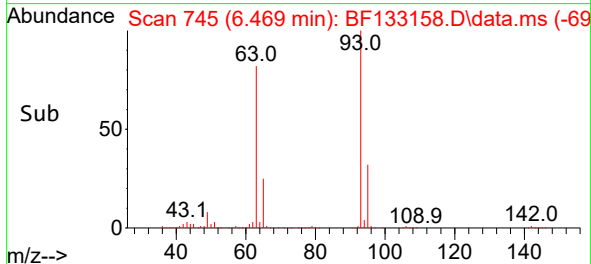
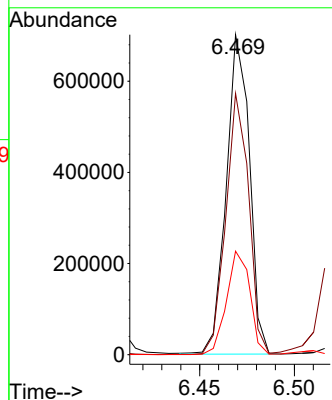
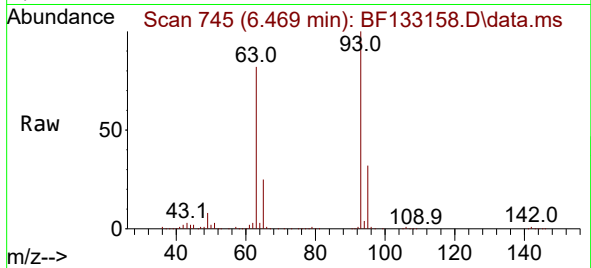




#11
bis(2-Chloroethyl)ether
Concen: 47.063 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

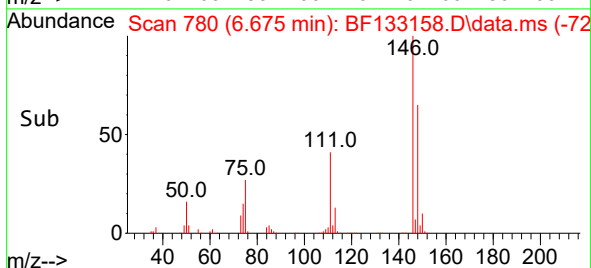
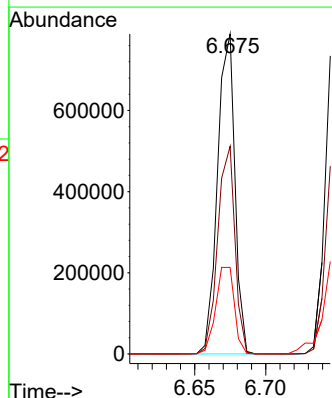
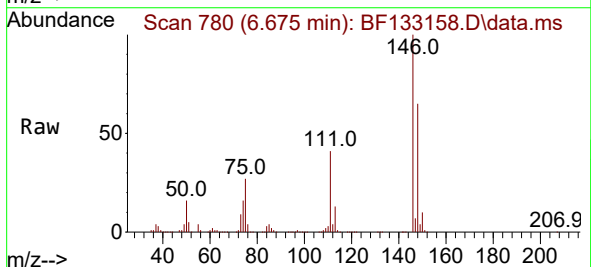
Instrument :
BNA_F
ClientSampleId :
PB152505BS

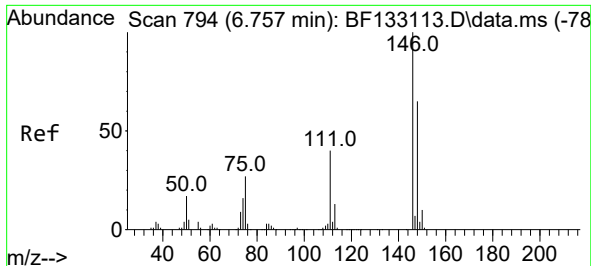
Tgt Ion: 93 Resp: 597392
Ion Ratio Lower Upper
93 100
63 81.7 60.6 100.6
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.175 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:146 Resp: 669098
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 27.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 51.065 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

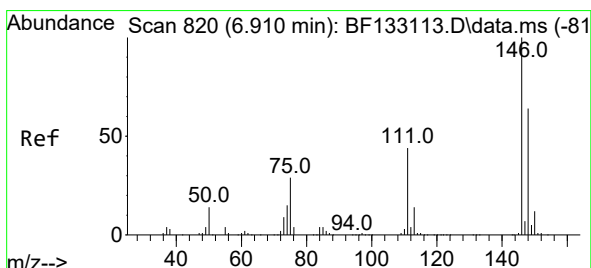
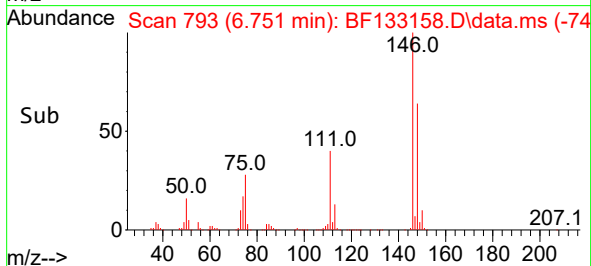
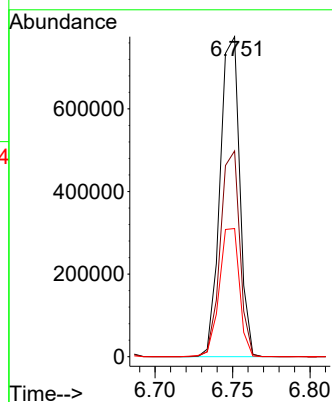
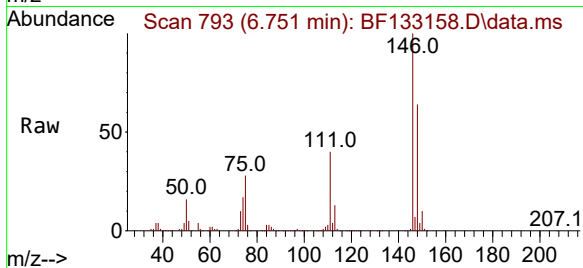
Tgt Ion:146 Resp: 682470

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

111 40.1 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 50.790 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

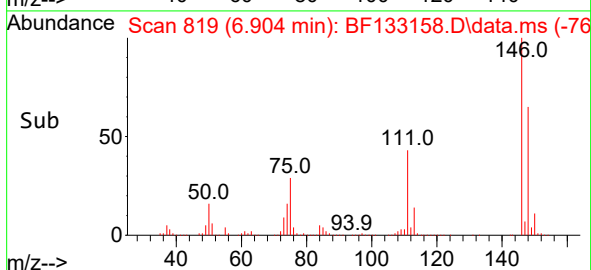
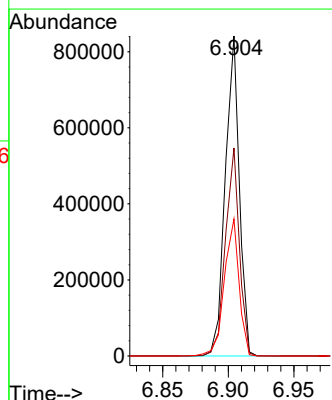
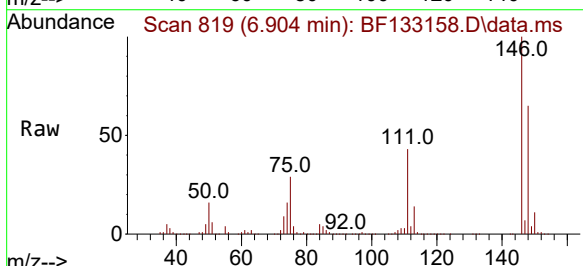
Tgt Ion:146 Resp: 625801

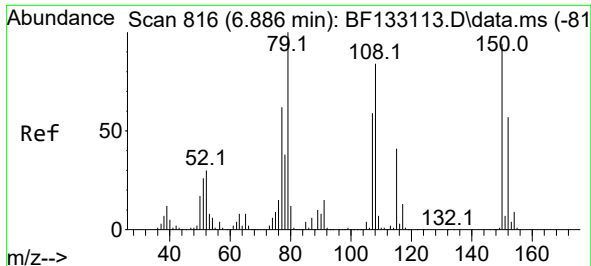
Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

111 42.8 32.8 49.2

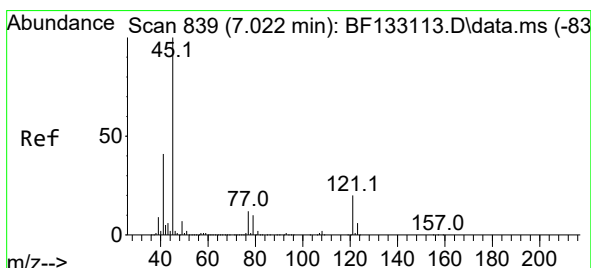
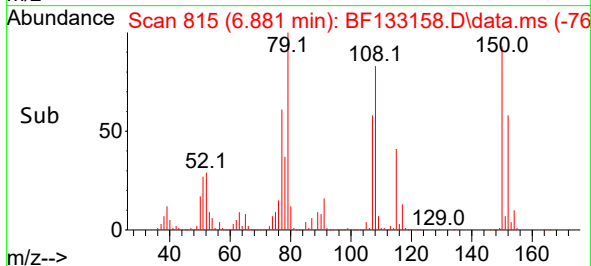
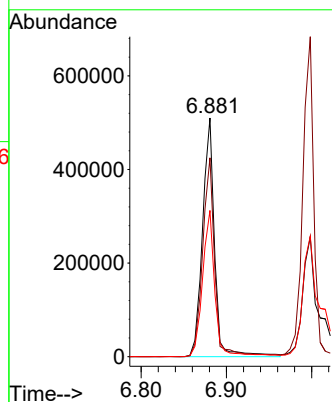
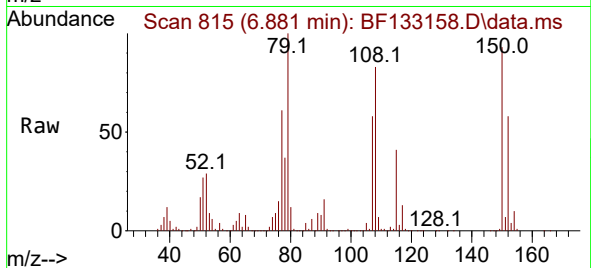




#15
Benzyl Alcohol
Concen: 47.421 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

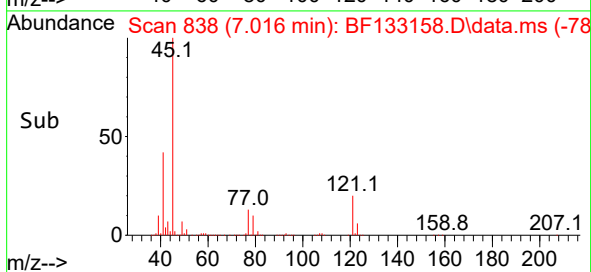
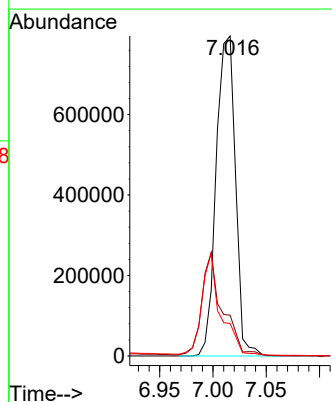
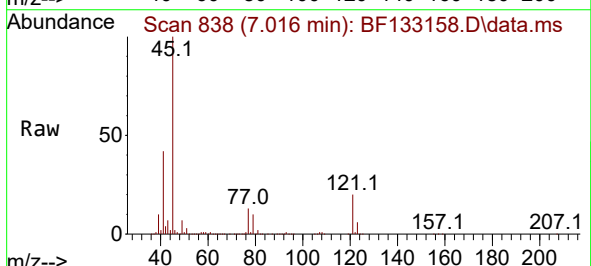
Instrument :
BNA_F
ClientSampleId :
PB152505BS

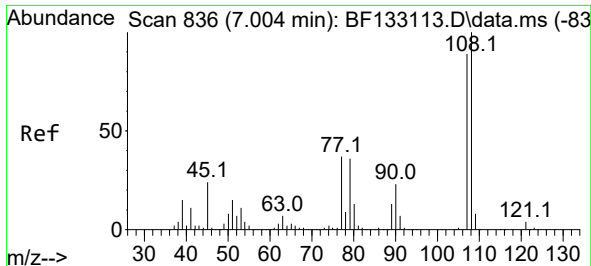
Tgt Ion: 79 Resp: 502265
Ion Ratio Lower Upper
79 100
108 83.3 66.6 99.8
77 61.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.259 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion: 45 Resp: 997802
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 10.1 0.0 28.7

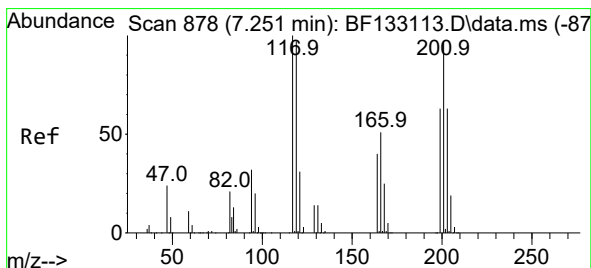
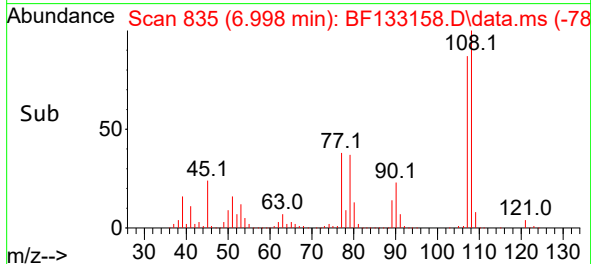
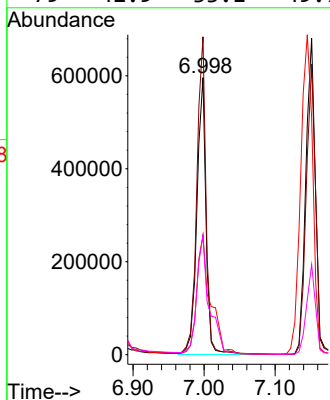
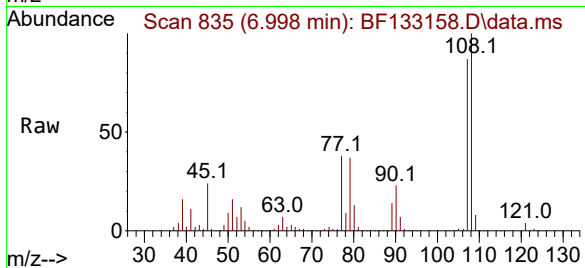




#17
2-Methylphenol
Concen: 46.777 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

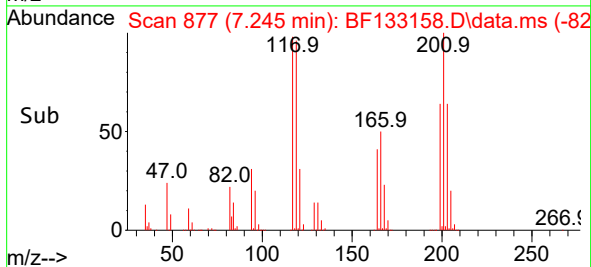
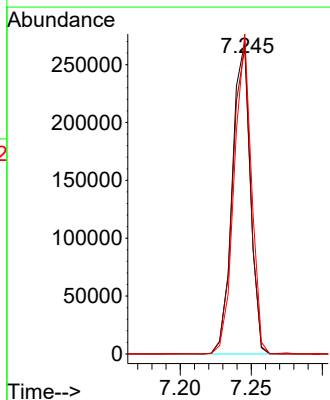
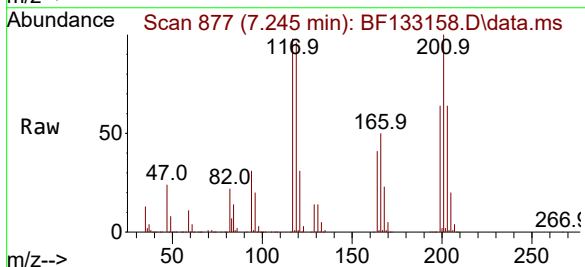
Instrument :
BNA_F
ClientSampleId :
PB152505BS

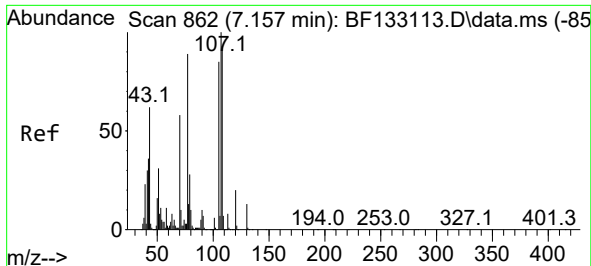
Tgt Ion:107 Resp: 537239
Ion Ratio Lower Upper
107 100
108 114.7 92.4 138.6
77 43.2 33.8 50.8
79 42.9 33.1 49.7



#18
Hexachloroethane
Concen: 51.449 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:117 Resp: 239058
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.4
201 102.5 81.7 122.5

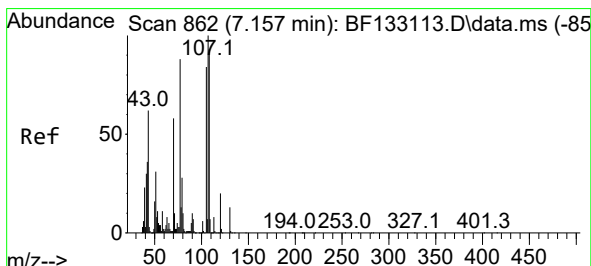
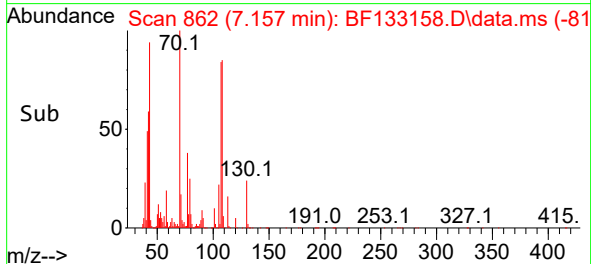
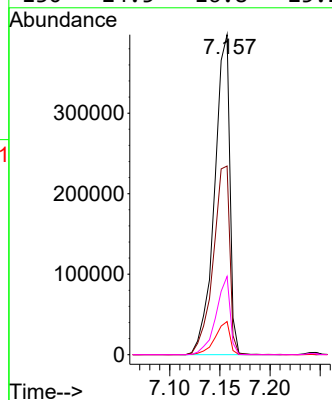
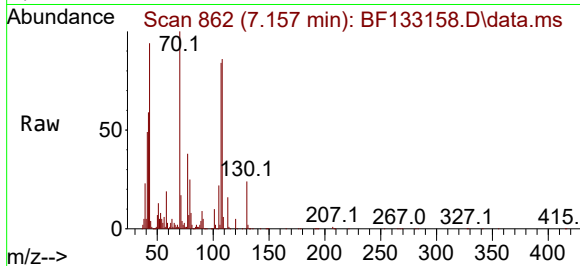




#19
n-Nitroso-di-n-propylamine
Concen: 44.093 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

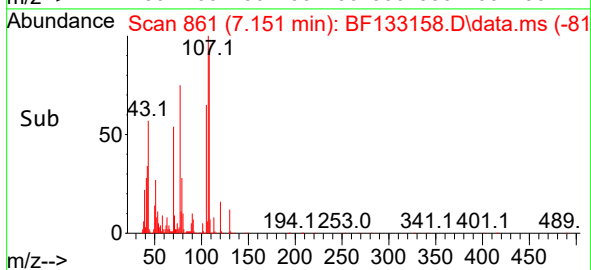
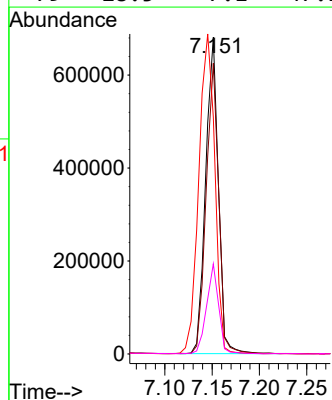
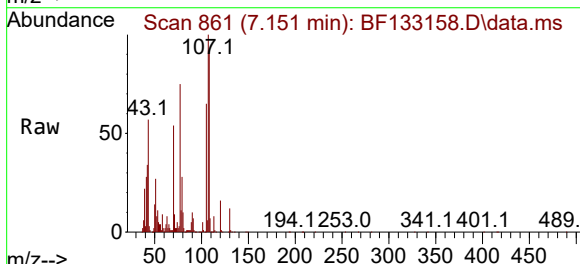
Instrument :
BNA_F
ClientSampleId :
PB152505BS

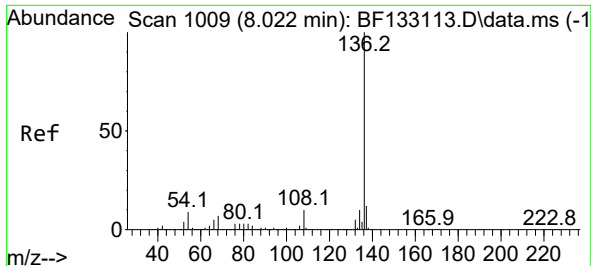
Tgt Ion:	70	Resp:	420893
Ion	Ratio	Lower	Upper
70	100		
42	59.0	51.8	77.6
101	10.3	8.0	12.0
130	24.5	16.8	25.2



#20
3+4-Methylphenols
Concen: 46.788 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:	107	Resp:	632833
Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.5	110.5
77	74.8	91.7	131.7#
79	28.5	7.1	47.1

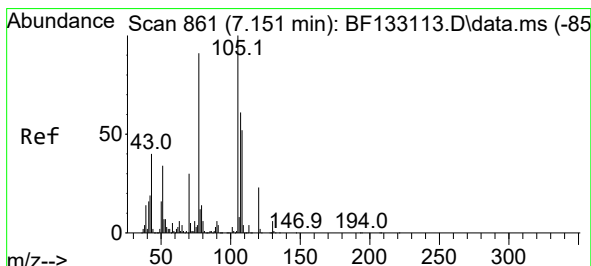
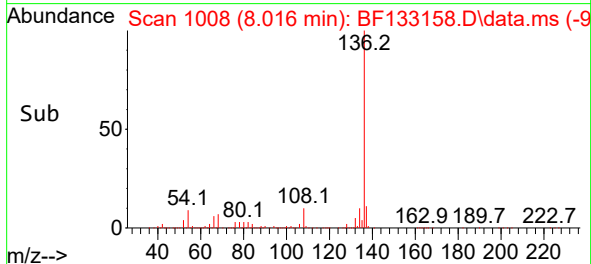
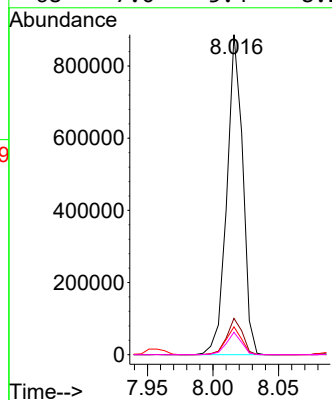
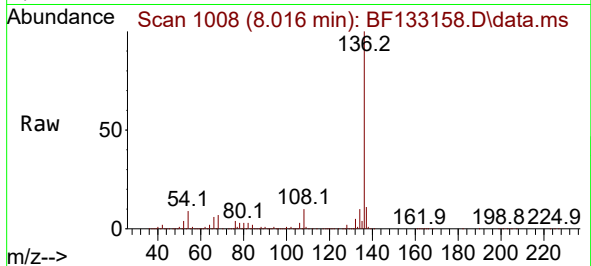




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

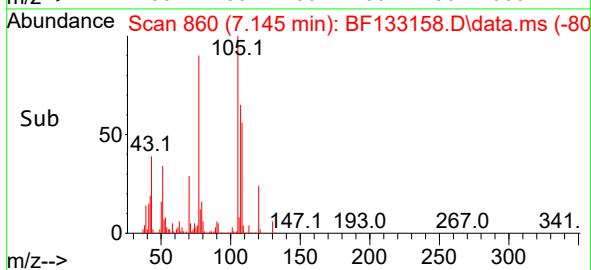
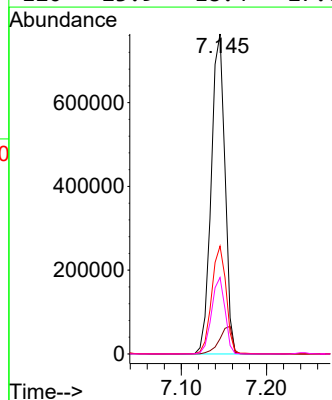
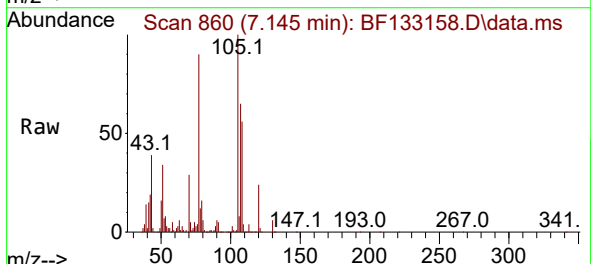
Instrument :
BNA_F
ClientSampleId :
PB152505BS

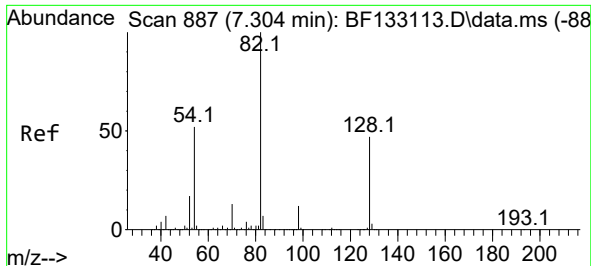
Tgt Ion	136	Resp: Lower	745546 Upper
136	100		
137	11.3	8.6	13.0
54	8.7	7.0	10.4
68	7.0	5.4	8.2



#22
Acetophenone
Concen: 49.486 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt	Ion:105	Resp:	854635
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.6	7.0
51	33.7	28.2	42.2
120	23.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 77.015 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

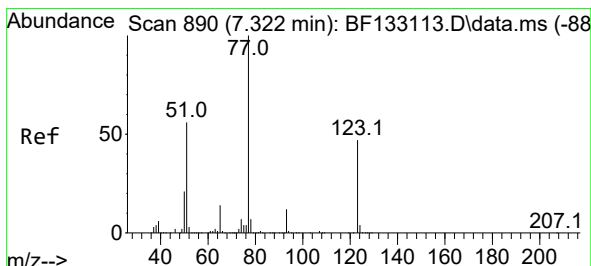
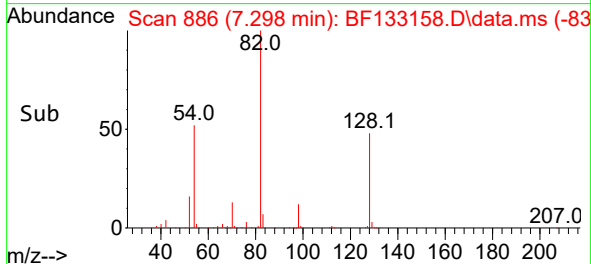
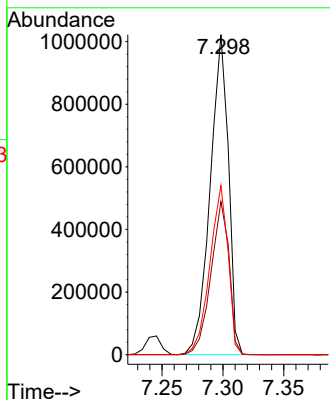
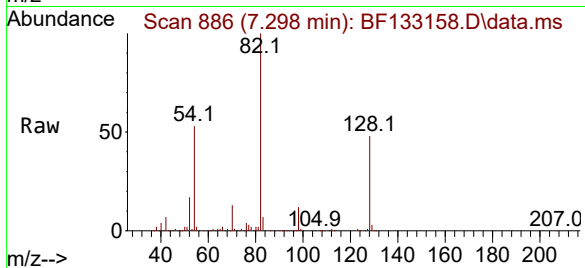
BNA_F

ClientSampleId :

PB152505BS

Tgt Ion: 82 Resp: 1063757

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.9	43.0	64.4



#24

Nitrobenzene

Concen: 47.761 ng

RT: 7.316 min Scan# 889

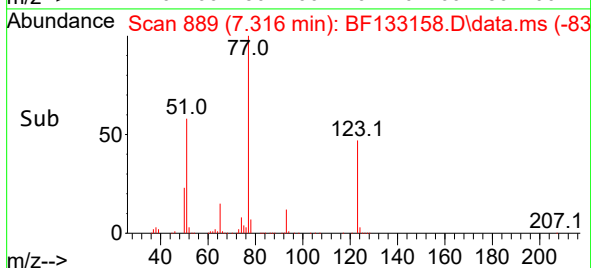
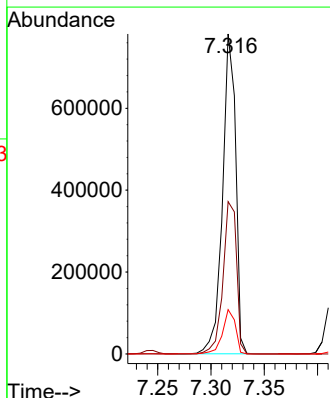
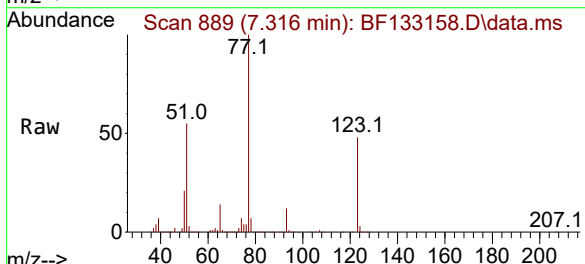
Delta R.T. -0.006 min

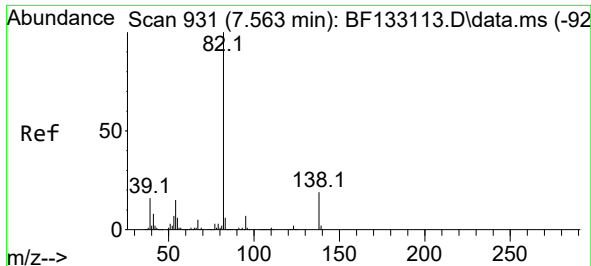
Lab File: BF133158.D

Acq: 01 May 2023 16:29

Tgt Ion: 77 Resp: 668488

Ion	Ratio	Lower	Upper
77	100		
123	47.6	39.9	59.9
65	13.8	10.7	16.1

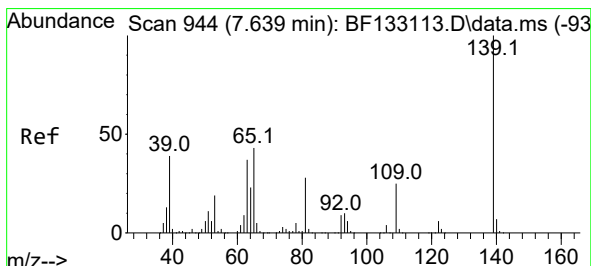
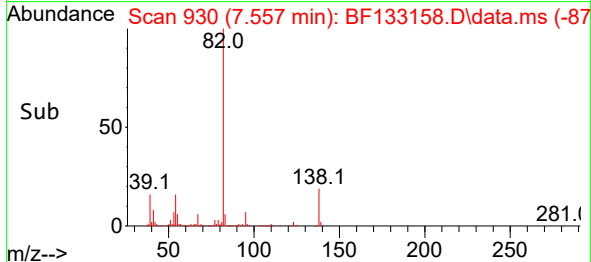
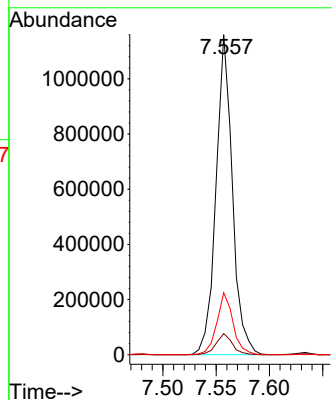
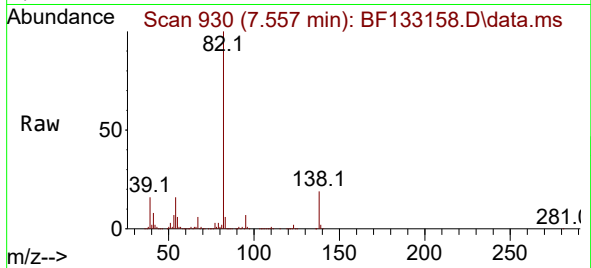




#25
Isophorone
Concen: 47.307 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

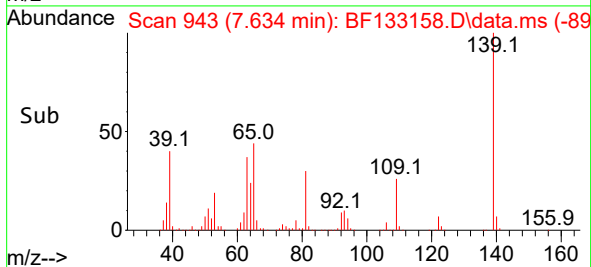
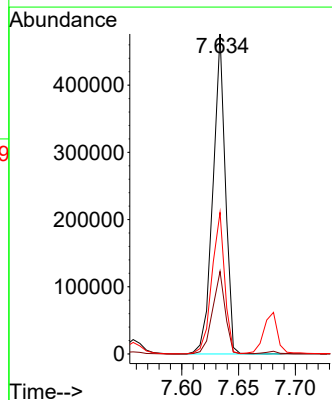
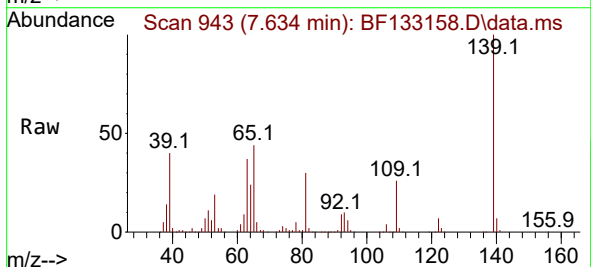
Instrument :
BNA_F
ClientSampleId :
PB152505BS

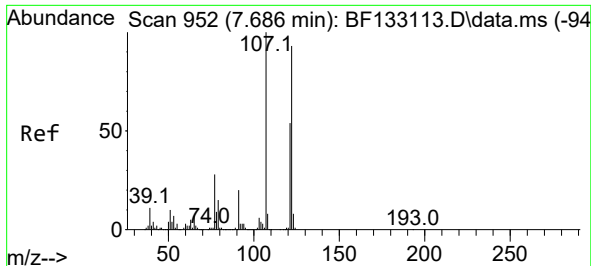
Tgt Ion: 82 Resp: 1240612
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.4 16.0 24.0



#26
2-Nitrophenol
Concen: 53.712 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:139 Resp: 362604
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 44.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 52.336 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

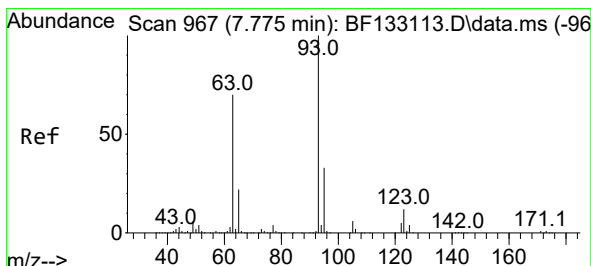
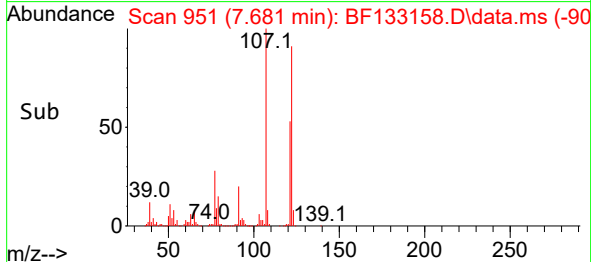
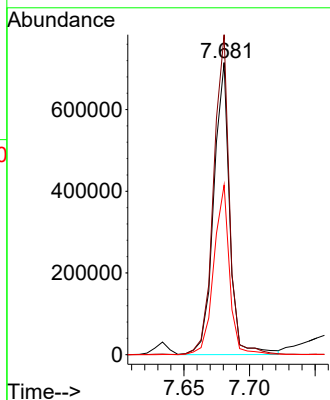
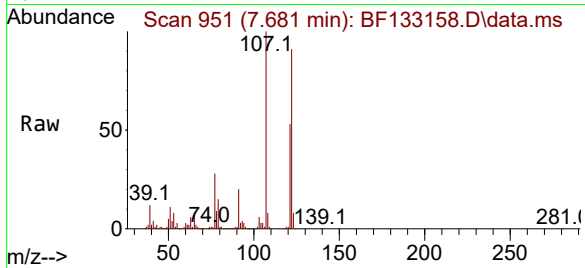
Tgt Ion:122 Resp: 605836

Ion Ratio Lower Upper

122 100

107 109.5 89.7 134.5

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.192 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

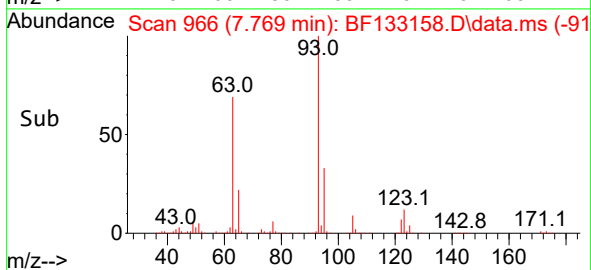
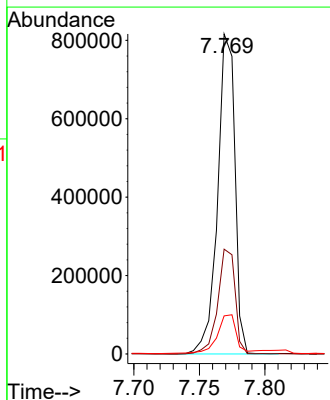
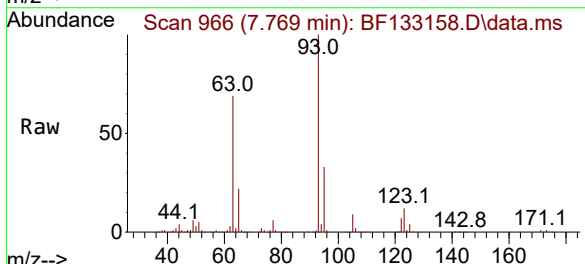
Tgt Ion: 93 Resp: 747664

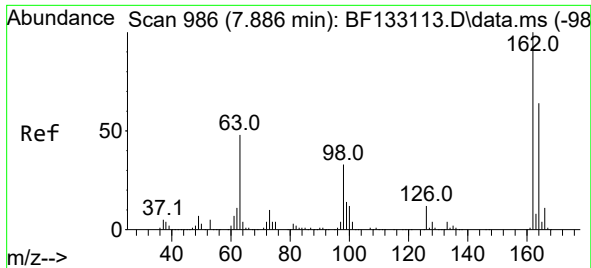
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 11.9 10.3 15.5

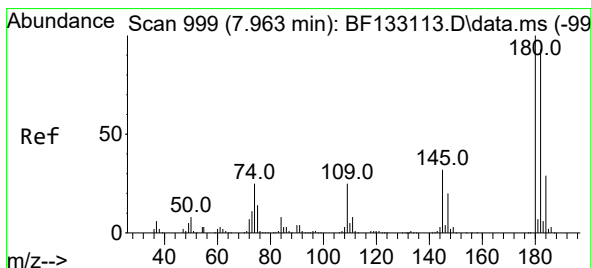
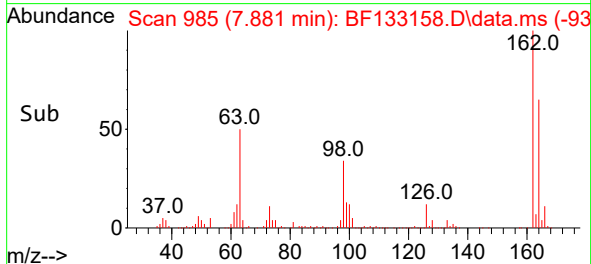
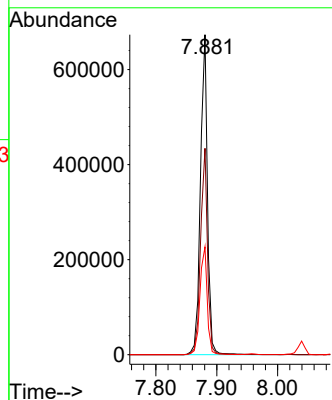
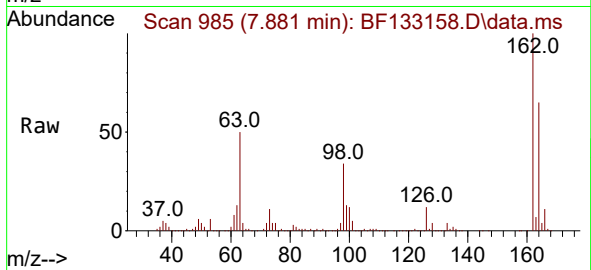




#29
2,4-Dichlorophenol
Concen: 51.435 ng
RT: 7.881 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

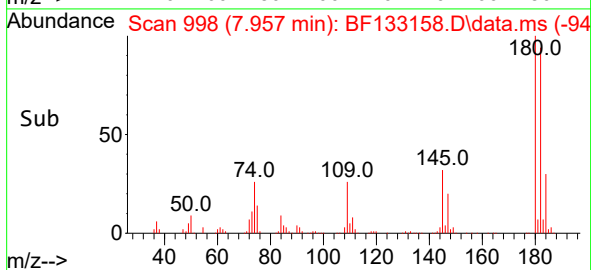
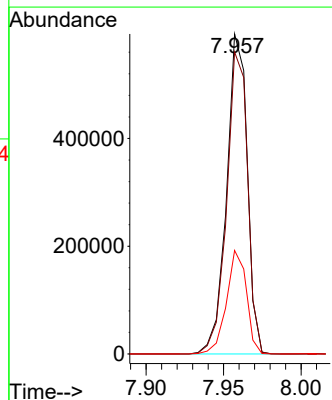
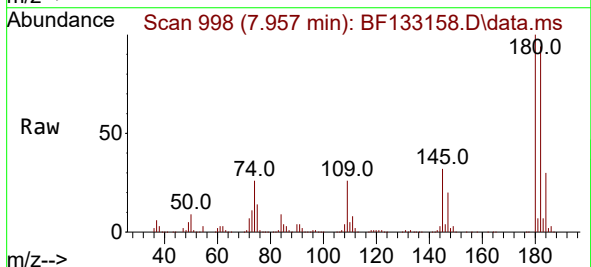
Instrument :
BNA_F
ClientSampleId :
PB152505BS

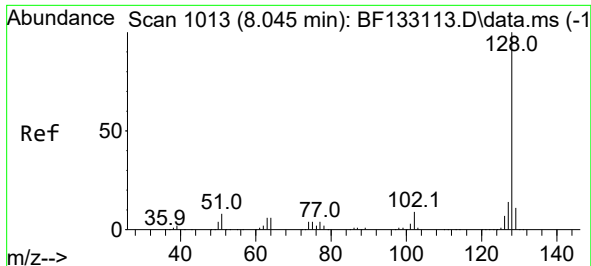
Tgt Ion:162 Resp: 542027
Ion Ratio Lower Upper
162 100
164 64.5 43.9 83.9
98 33.7 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 50.477 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:180 Resp: 551076
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 32.4 25.3 37.9

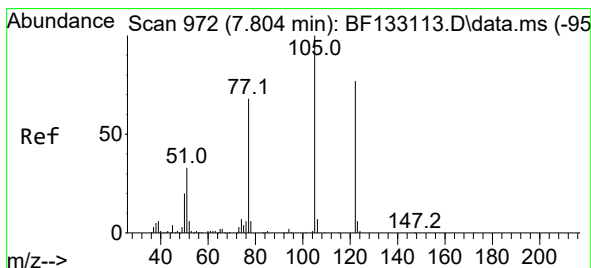
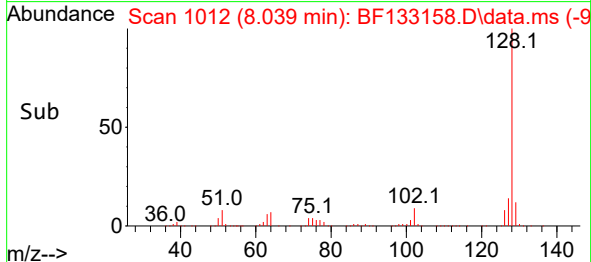
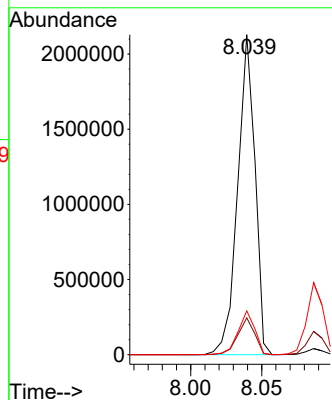
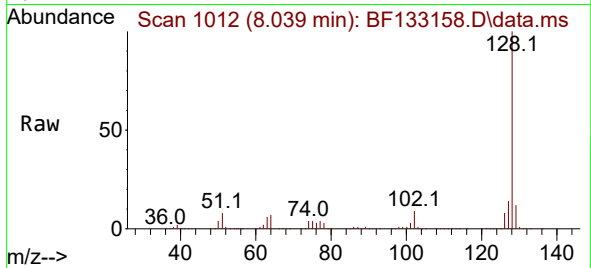




#31
Naphthalene
Concen: 48.404 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

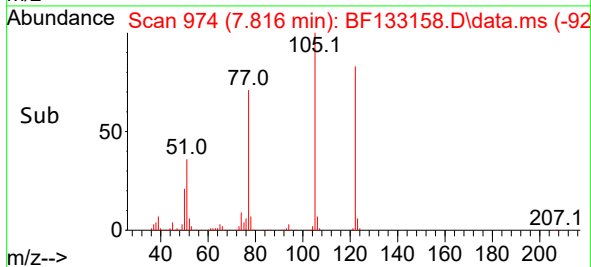
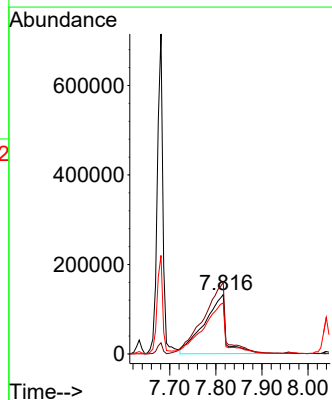
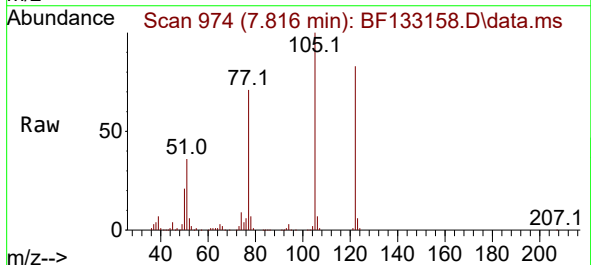
Instrument :
BNA_F
ClientSampleId :
PB152505BS

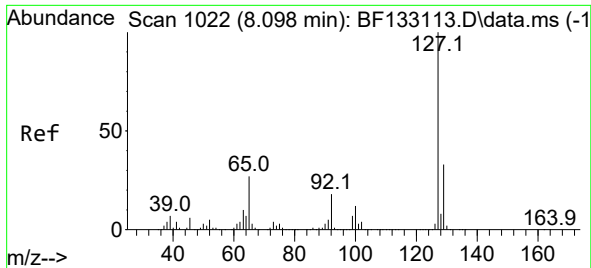
Tgt Ion:128 Resp: 1804268
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 61.822 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:122 Resp: 442047
Ion Ratio Lower Upper
122 100
105 120.7 104.2 144.2
77 85.9 69.7 109.7

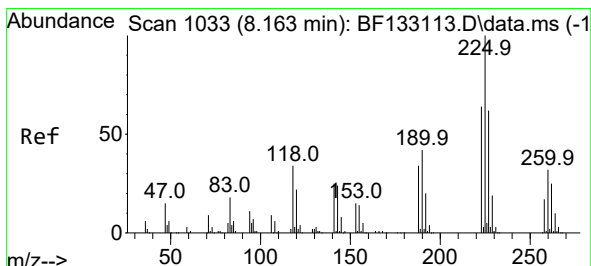
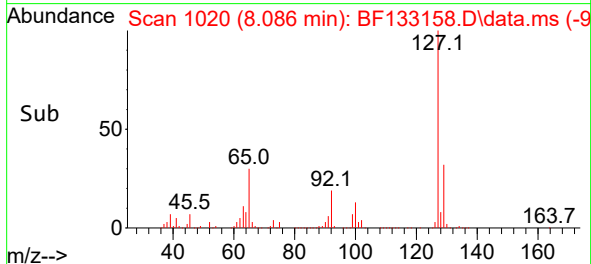
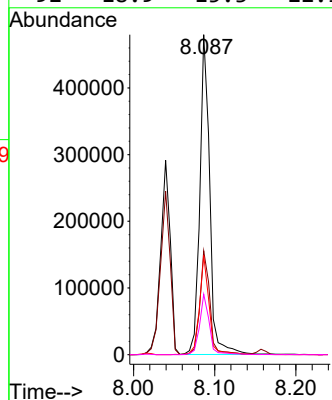
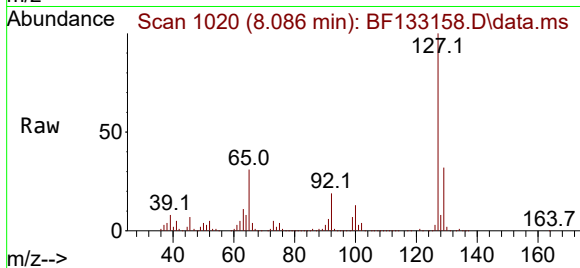




#33
4-Chloroaniline
Concen: 27.101 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

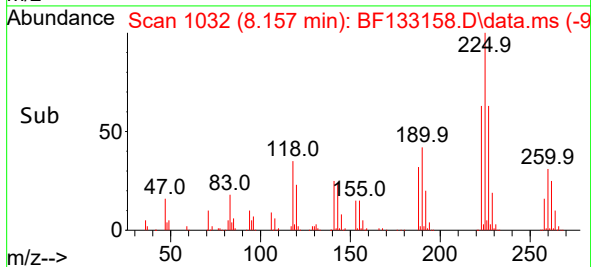
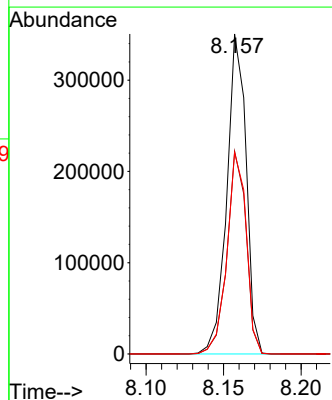
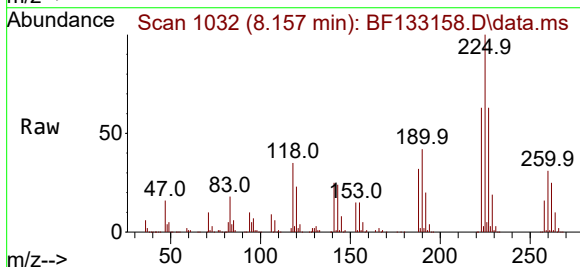
Instrument :
BNA_F
ClientSampleId :
PB152505BS

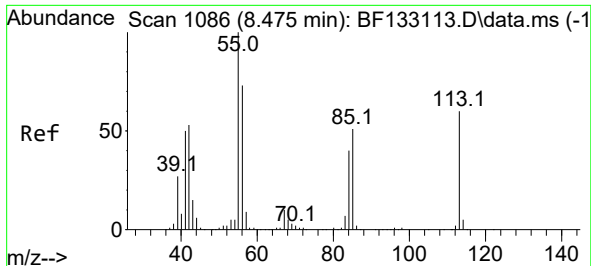
Tgt Ion:	127	Resp:	408156
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	31.0	23.6	35.4
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 50.172 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:	225	Resp:	303587
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	63.0	50.3	75.5

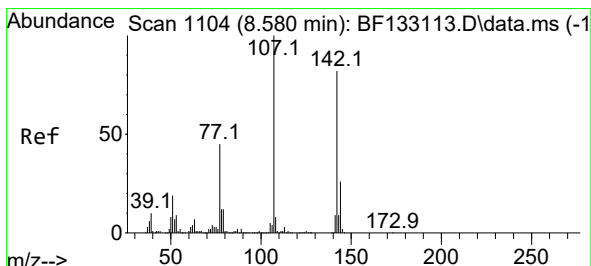
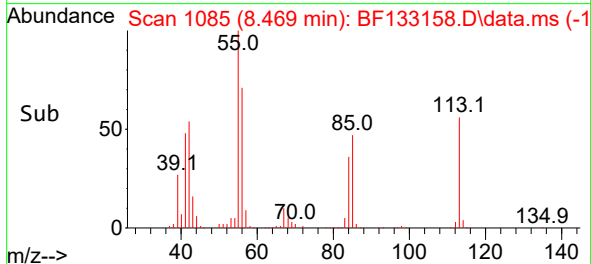
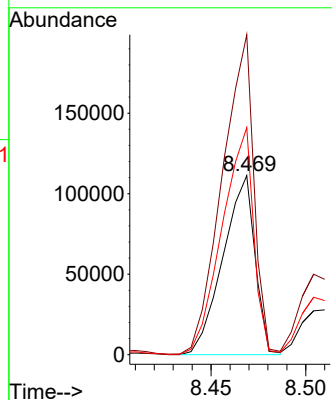
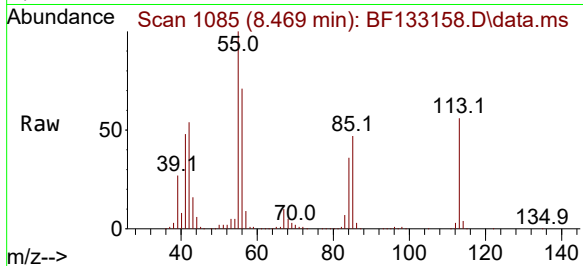




#35
 Caprolactam
 Concen: 36.859 ng
 RT: 8.469 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133158.D
 Acq: 01 May 2023 16:29

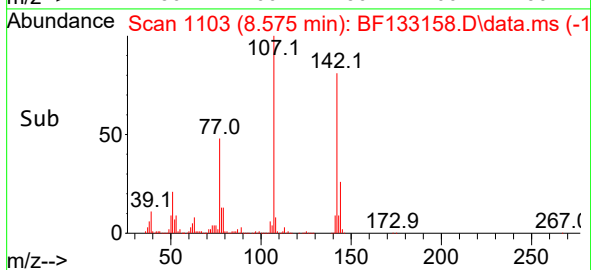
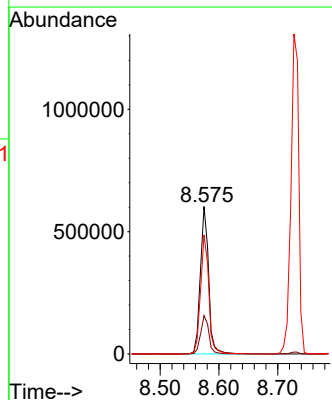
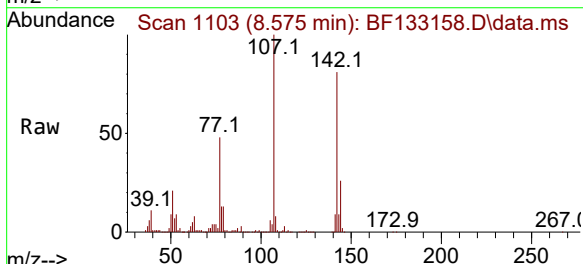
Instrument :
 BNA_F
 ClientSampleId :
 PB152505BS

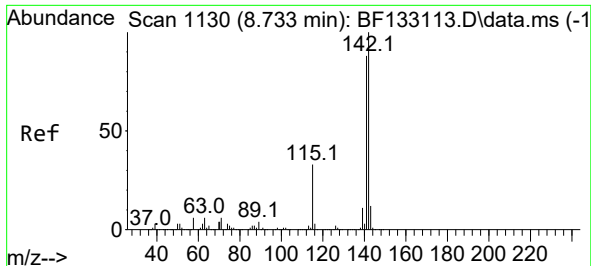
Tgt Ion:113 Resp: 130484
 Ion Ratio Lower Upper
 113 100
 55 178.7 167.1 207.1
 56 126.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.791 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133158.D
 Acq: 01 May 2023 16:29

Tgt Ion:107 Resp: 588548
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 80.7 62.8 94.2

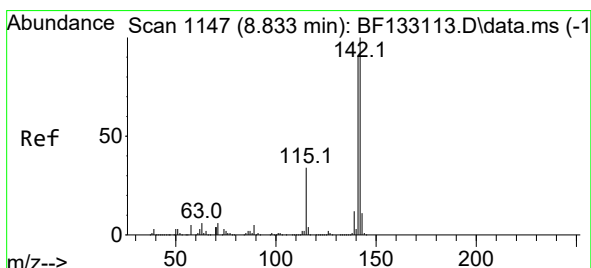
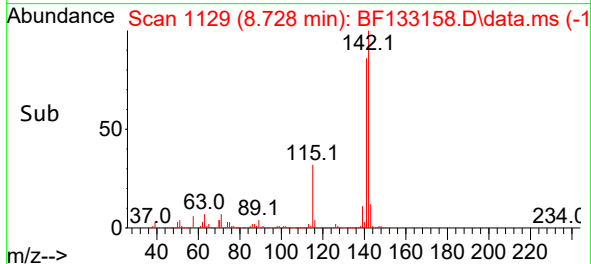
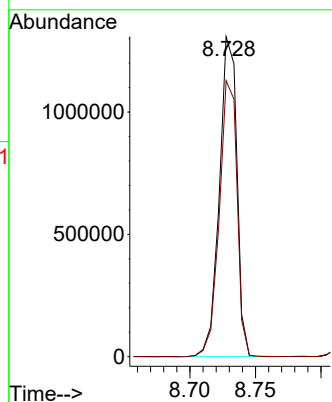
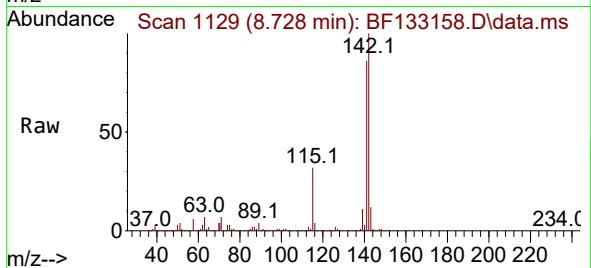




#37
2-Methylnaphthalene
Concen: 47.523 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

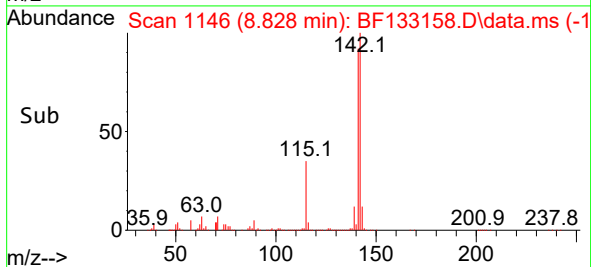
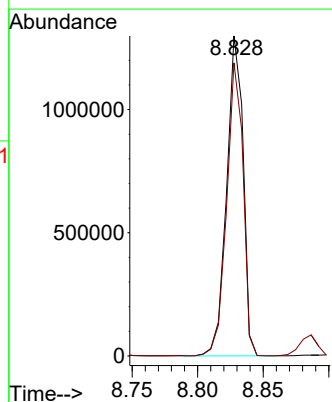
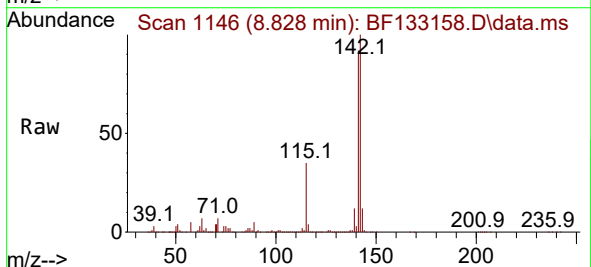
Instrument :
BNA_F
ClientSampleId :
PB152505BS

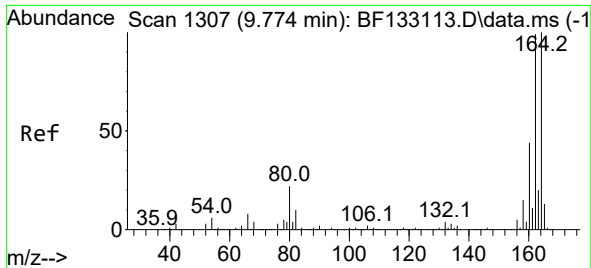
Tgt Ion:142 Resp: 1211066
Ion Ratio Lower Upper
142 100
141 86.3 69.4 104.0



#38
1-Methylnaphthalene
Concen: 47.578 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:142 Resp: 1134239
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7

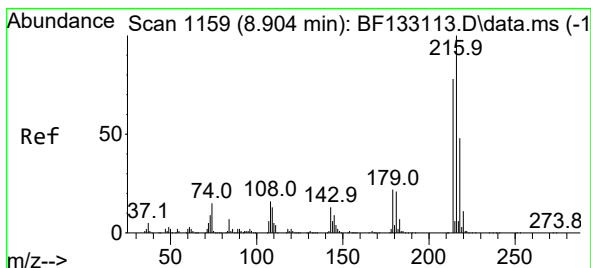
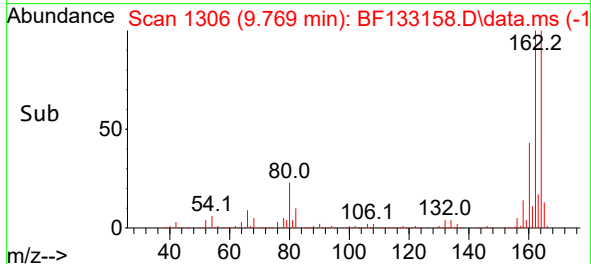
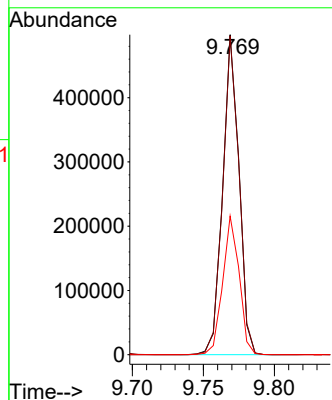
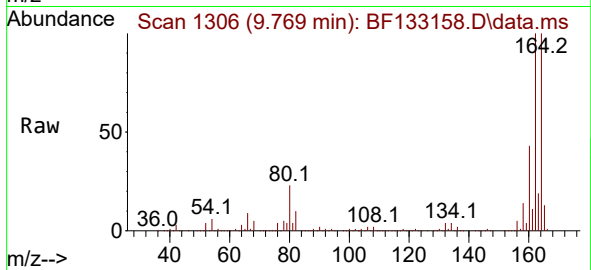




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

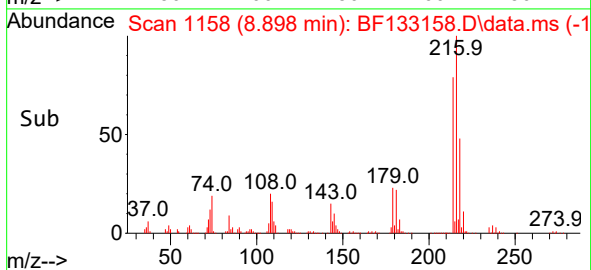
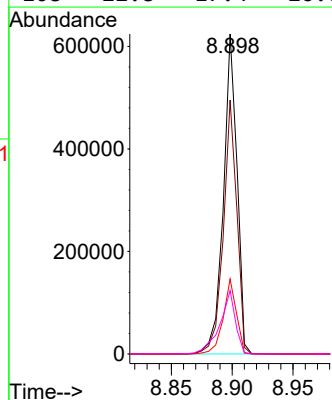
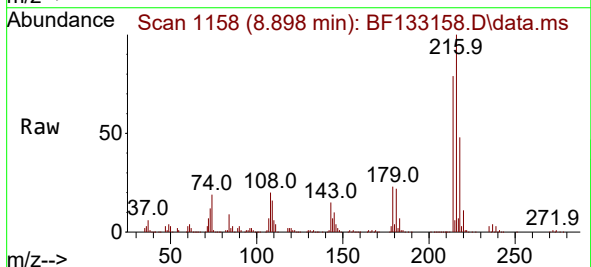
Instrument :
BNA_F
ClientSampleId :
PB152505BS

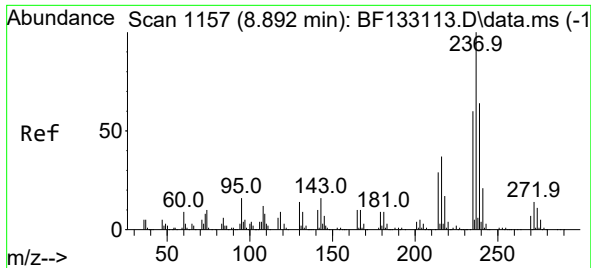
Tgt Ion:164 Resp: 395899
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 43.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.633 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:216 Resp: 485746
Ion Ratio Lower Upper
216 100
214 78.4 63.5 95.3
179 22.8 17.4 26.2
108 22.8 17.4 26.0

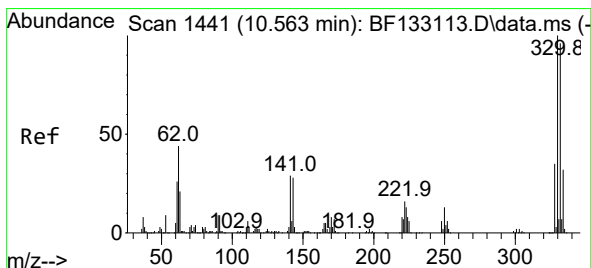
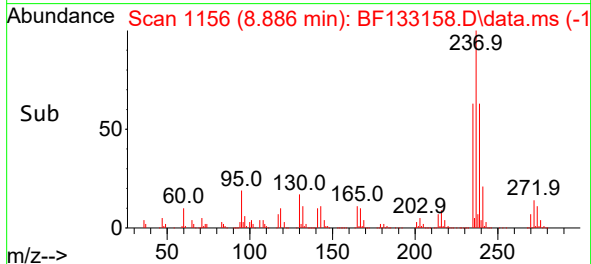
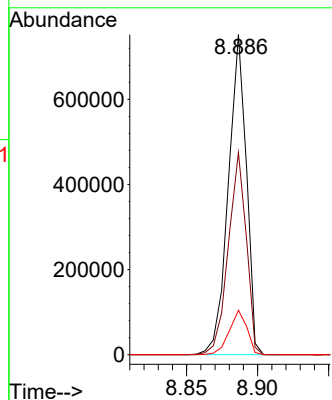
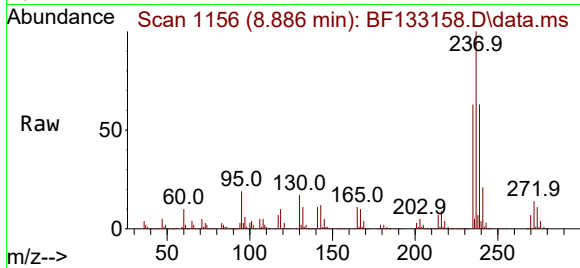




#41
Hexachlorocyclopentadiene
Concen: 106.833 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

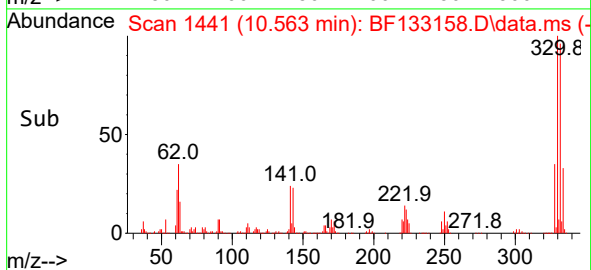
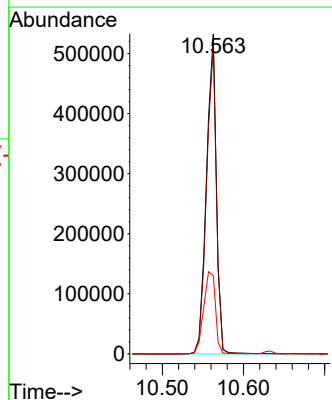
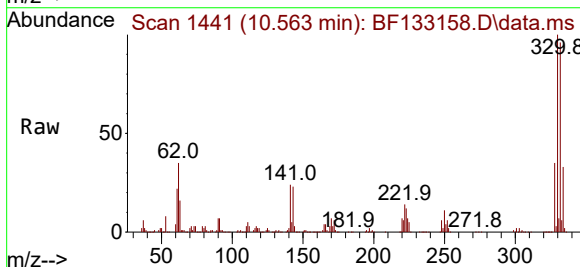
Instrument :
BNA_F
ClientSampleId :
PB152505BS

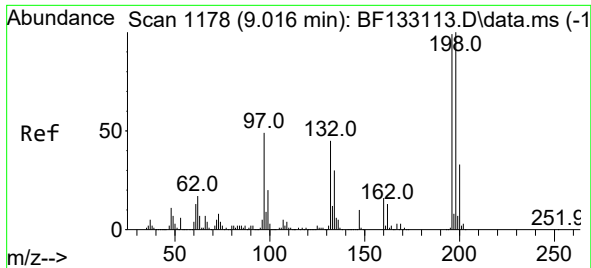
Tgt Ion: 237 Resp: 663214
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 113.415 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion: 330 Resp: 451563
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.5 25.8 38.8

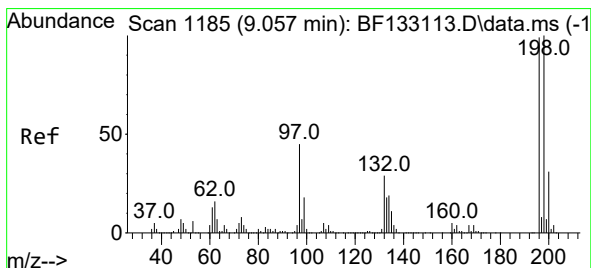
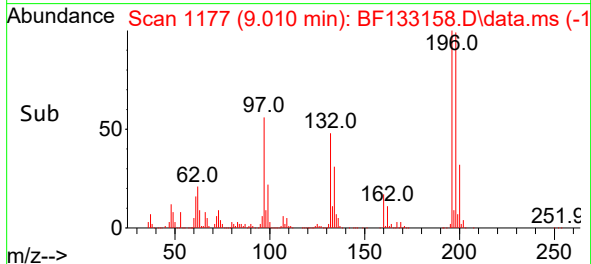
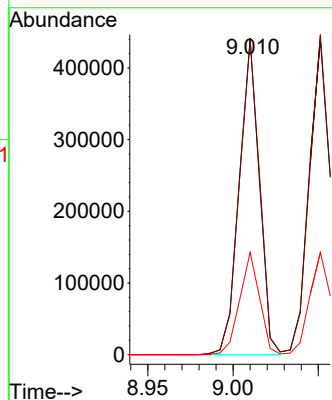
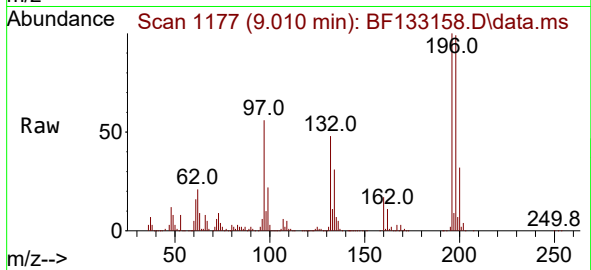




#43
2,4,6-Trichlorophenol
Concen: 49.061 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

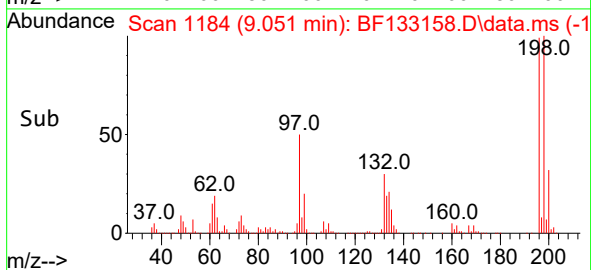
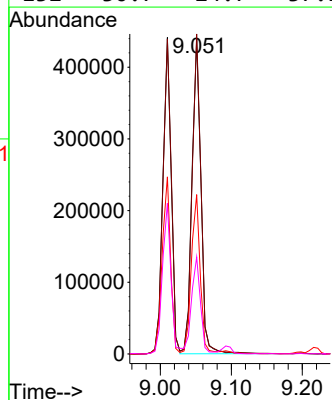
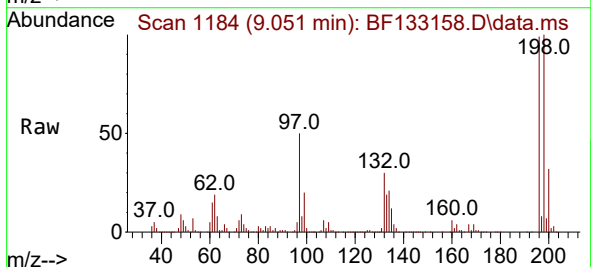
Instrument :
BNA_F
ClientSampleId :
PB152505BS

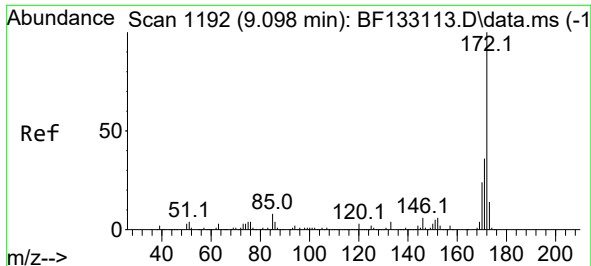
Tgt Ion:196 Resp: 361163
Ion Ratio Lower Upper
196 100
198 99.5 81.0 121.6
200 32.4 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 45.751 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:196 Resp: 389513
Ion Ratio Lower Upper
196 100
198 101.5 80.9 121.3
97 50.6 41.3 61.9
132 30.7 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 78.669 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

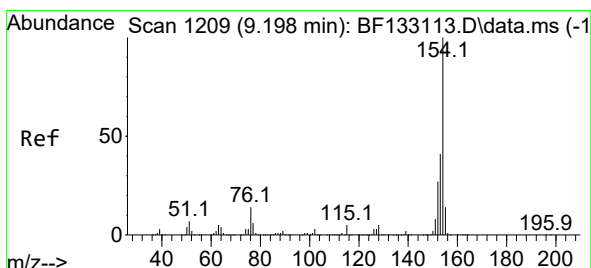
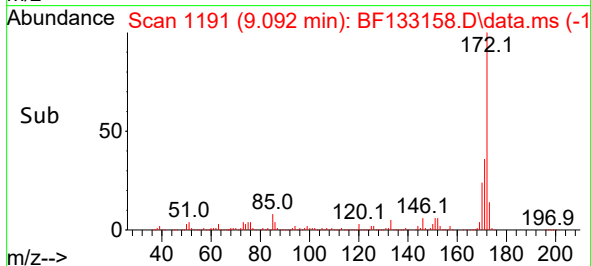
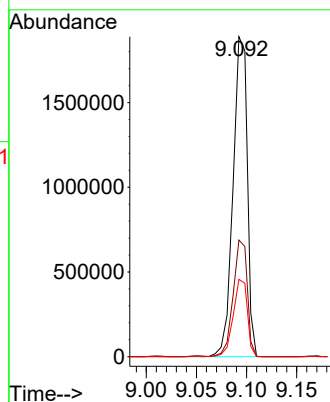
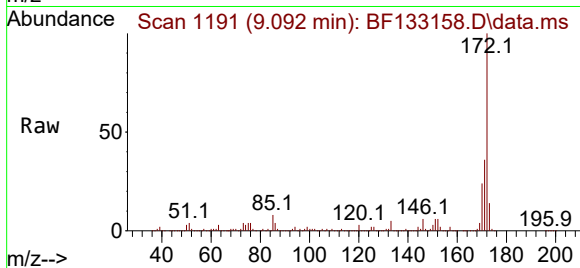
Tgt Ion:172 Resp: 1861633

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 47.070 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

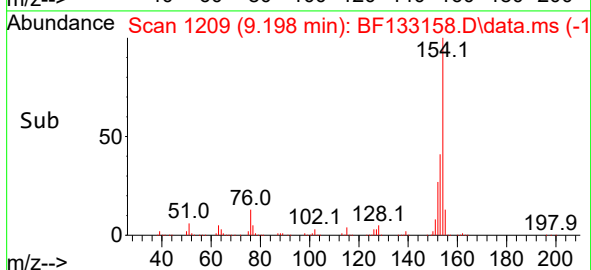
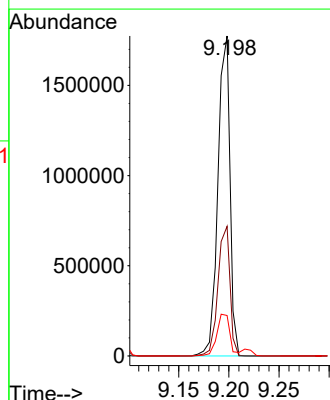
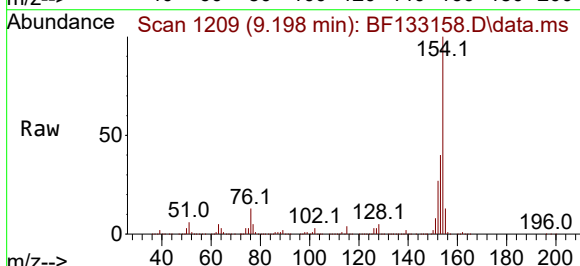
Tgt Ion:154 Resp: 1477679

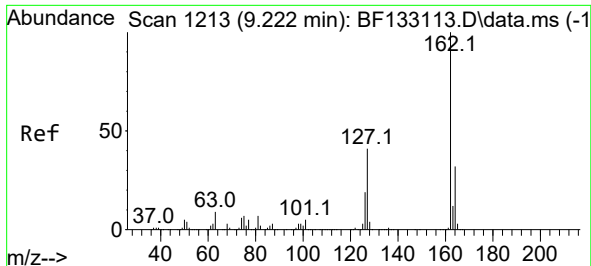
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 12.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 48.593 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

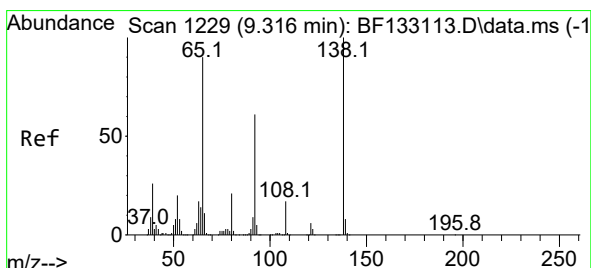
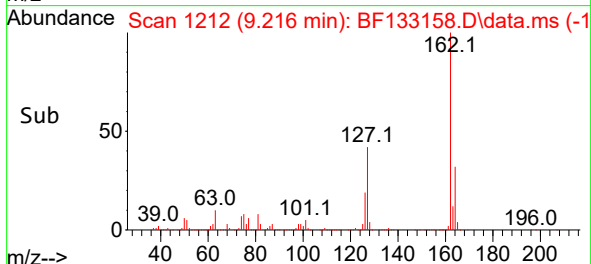
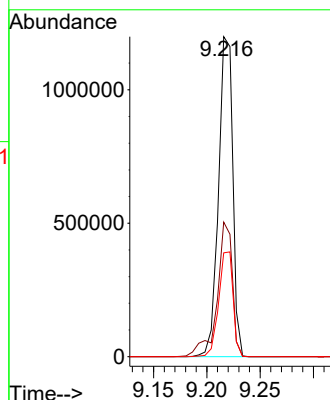
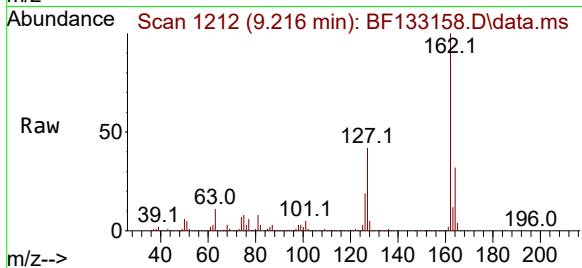
Tgt Ion:162 Resp: 1116547

Ion Ratio Lower Upper

162 100

127 42.1 32.3 48.5

164 32.5 26.8 40.2



#48

2-Nitroaniline

Concen: 46.846 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

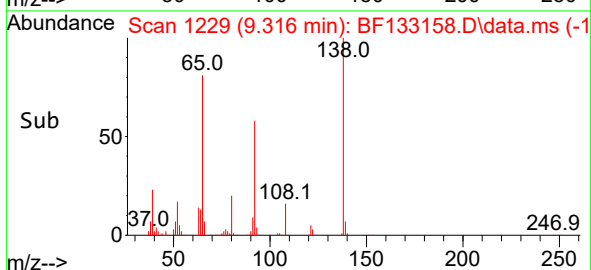
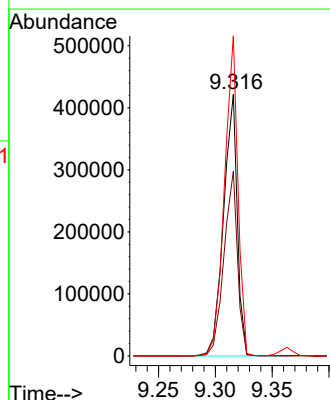
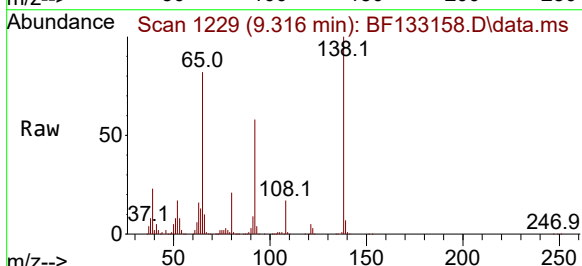
Tgt Ion: 65 Resp: 355751

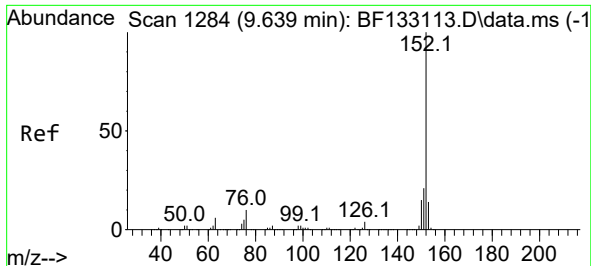
Ion Ratio Lower Upper

65 100

92 70.7 55.4 83.0

138 122.3 98.2 147.2

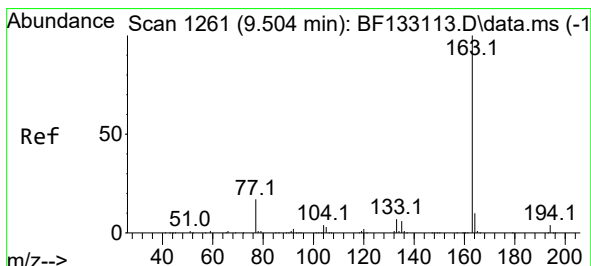
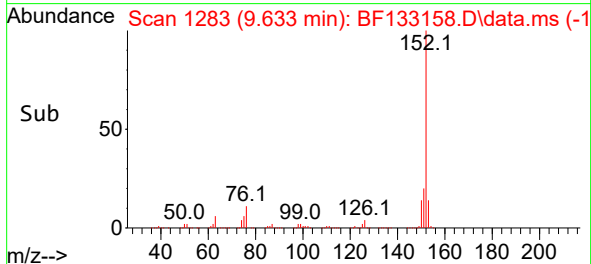
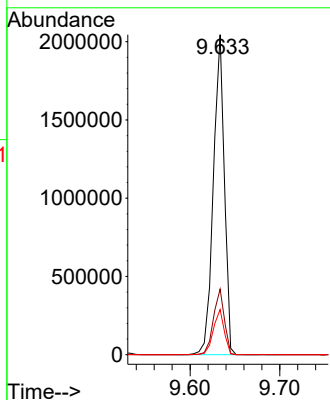
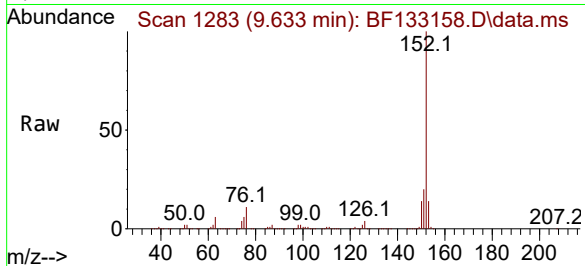




#49
Acenaphthylene
Concen: 47.392 ng
RT: 9.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

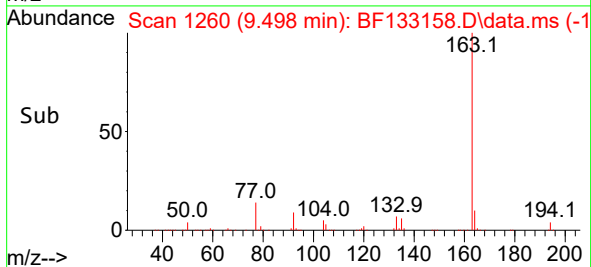
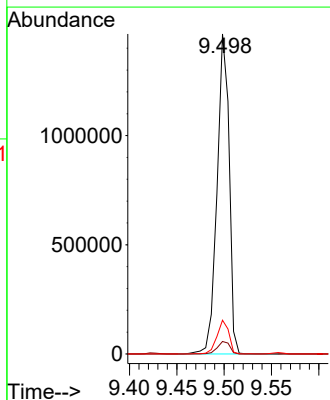
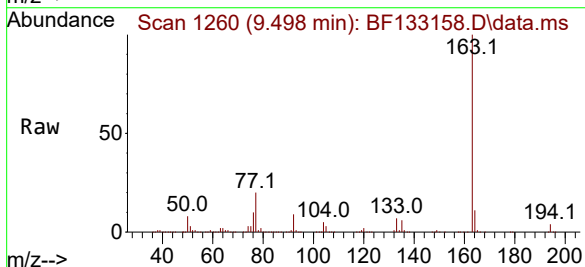
Instrument :
BNA_F
ClientSampleId :
PB152505BS

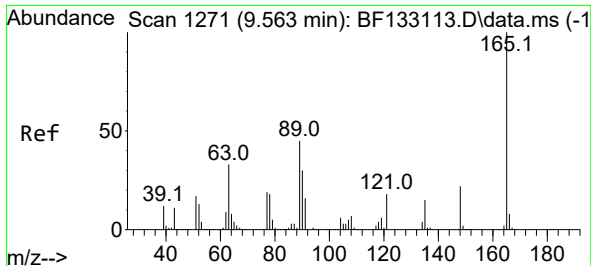
Tgt Ion:152 Resp: 1739981
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.1 11.5 17.3



#50
Dimethylphthalate
Concen: 47.343 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:163 Resp: 1306930
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.5 12.7

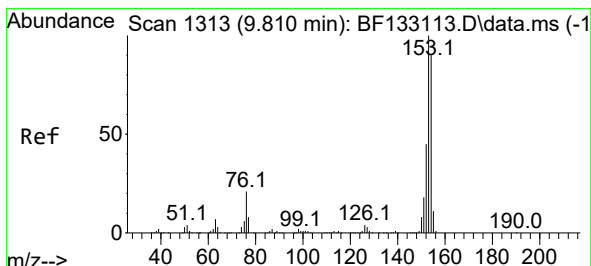
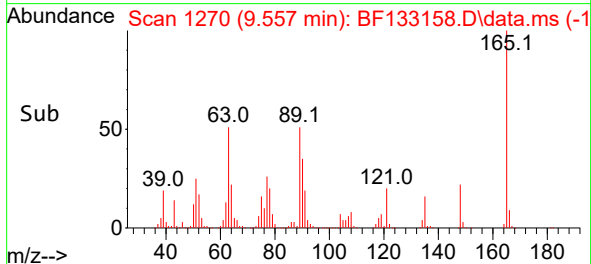
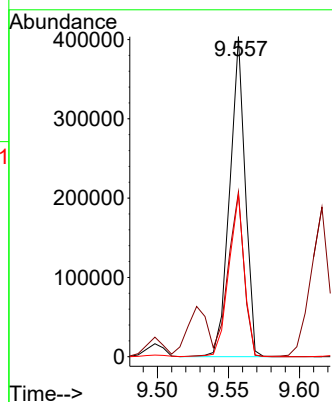
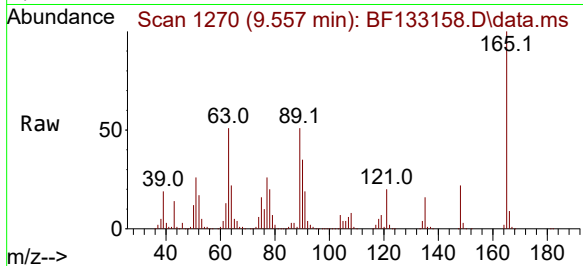




#51
2,6-Dinitrotoluene
Concen: 49.323 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

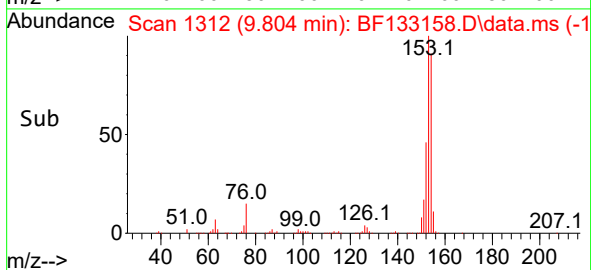
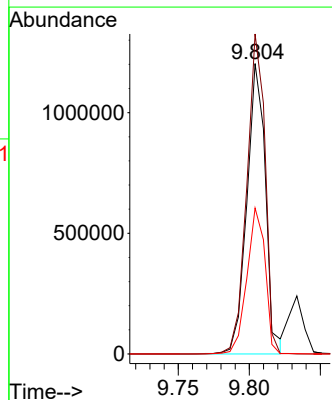
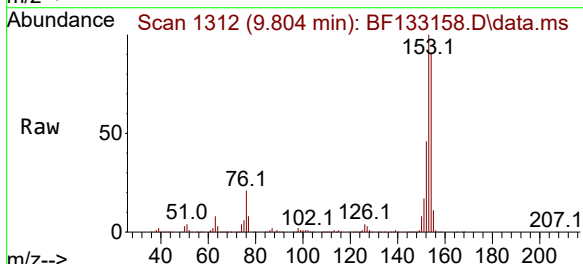
Instrument :
BNA_F
ClientSampleId :
PB152505BS

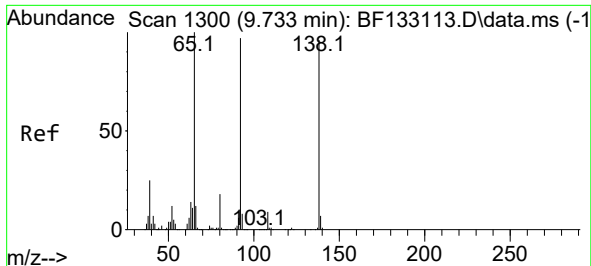
Tgt Ion:165 Resp: 306457
Ion Ratio Lower Upper
165 100
63 51.5 45.9 68.9
89 50.7 44.0 66.0



#52
Acenaphthene
Concen: 44.397 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:154 Resp: 1091719
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.6
152 50.2 40.4 60.6

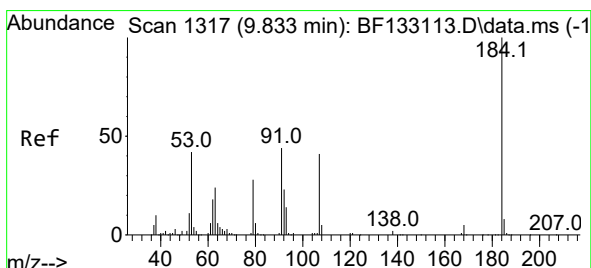
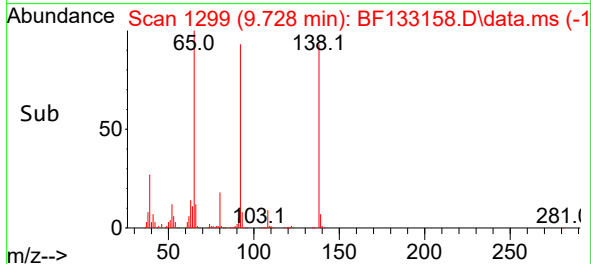
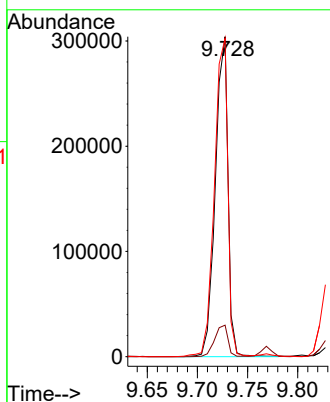
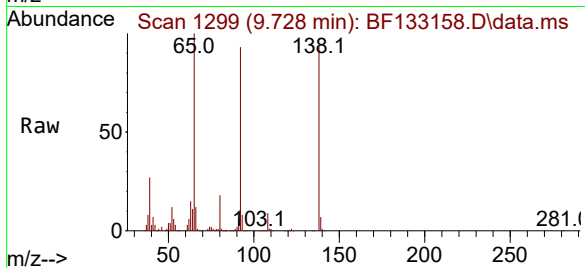




#53
3-Nitroaniline
Concen: 36.040 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

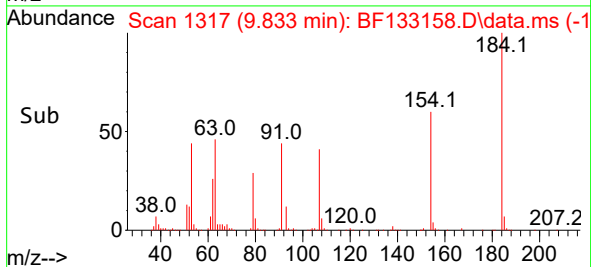
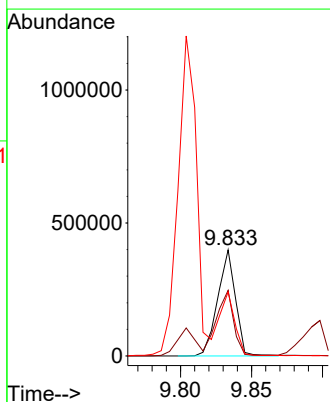
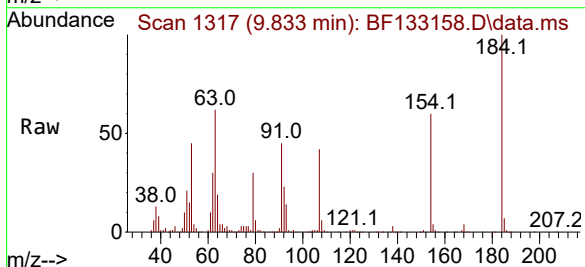
Instrument :
BNA_F
ClientSampleId :
PB152505BS

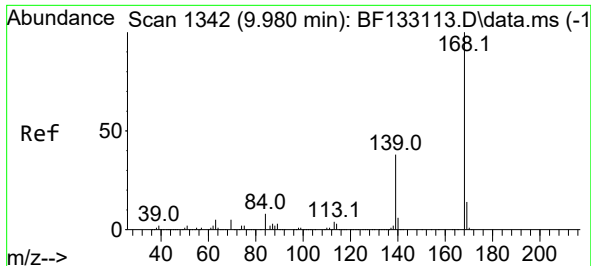
Tgt Ion:138 Resp: 266251
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 99.5 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 111.212 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:184 Resp: 347324
Ion Ratio Lower Upper
184 100
63 61.8 49.8 74.8
154 60.2 49.5 74.3

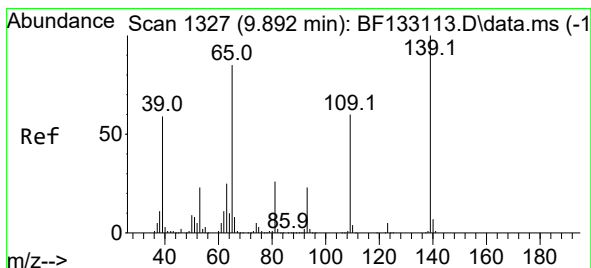
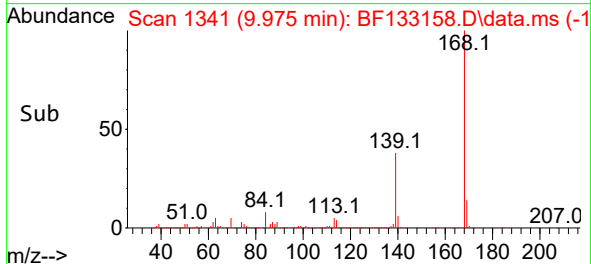
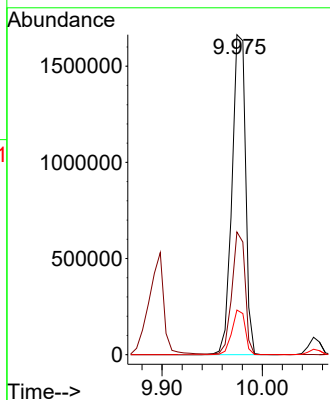
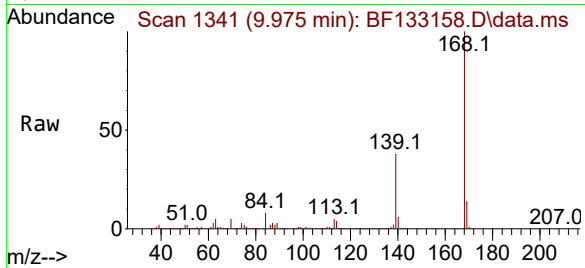




#55
Dibenzofuran
Concen: 46.490 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

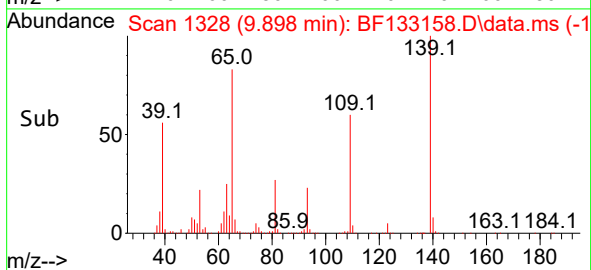
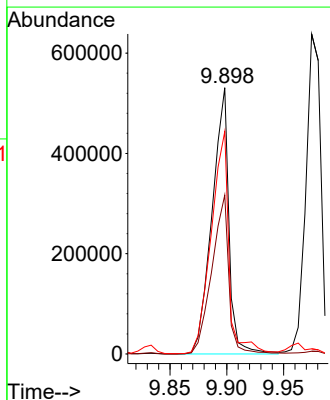
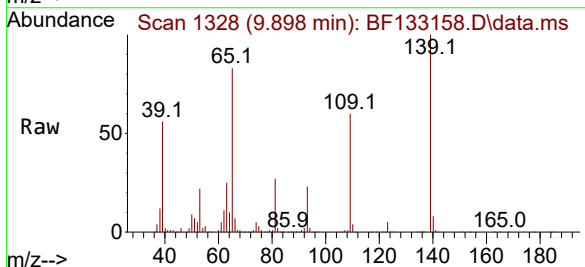
Instrument :
BNA_F
ClientSampleId :
PB152505BS

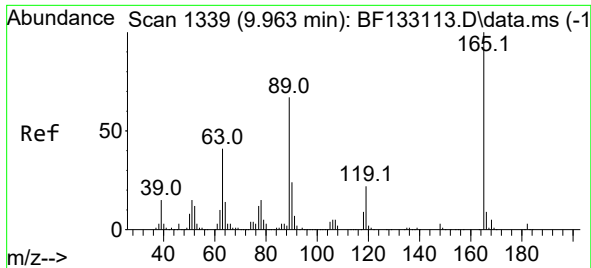
Tgt Ion:168 Resp: 1559405
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 96.310 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:139 Resp: 551075
Ion Ratio Lower Upper
139 100
109 59.7 39.4 79.4
65 83.5 57.5 97.5

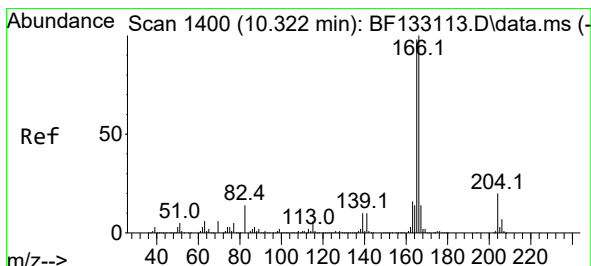
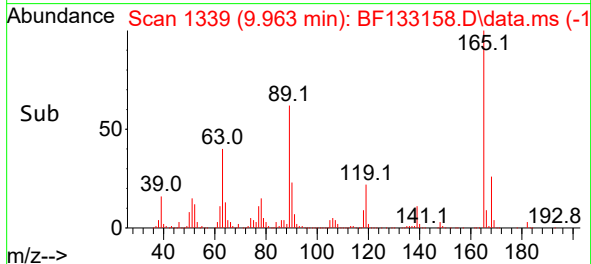
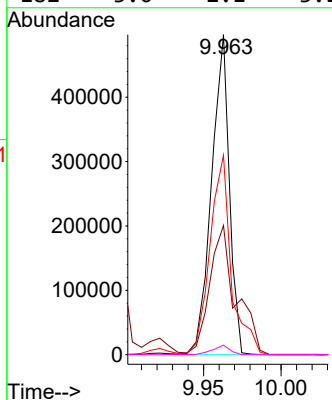
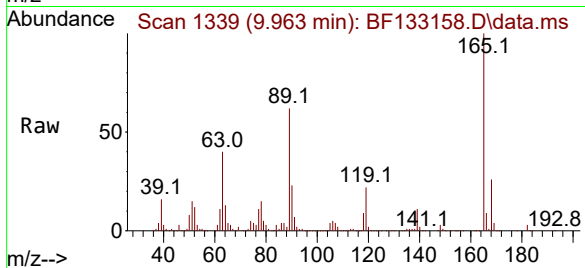




#57
2,4-Dinitrotoluene
Concen: 50.100 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

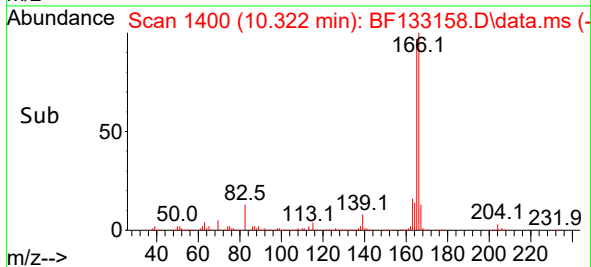
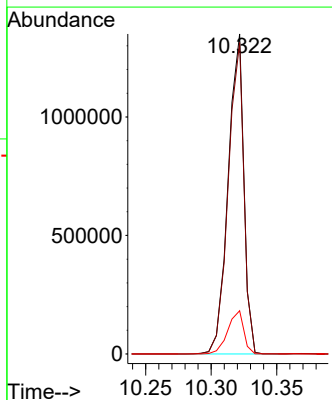
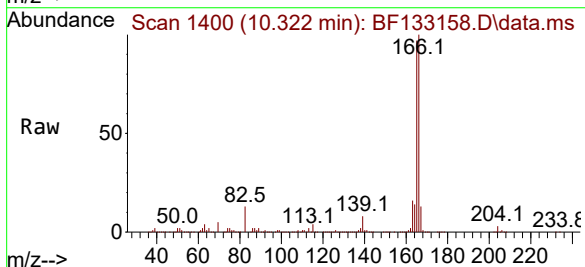
Instrument :
BNA_F
ClientSampleId :
PB152505BS

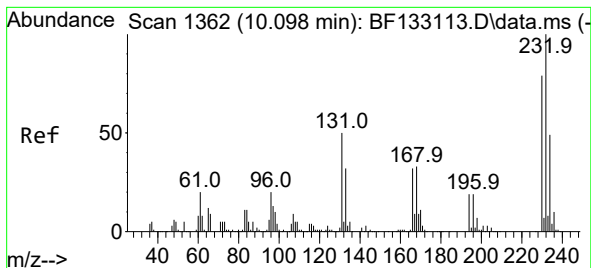
Tgt Ion:165 Resp: 396974
Ion Ratio Lower Upper
165 100
63 40.4 37.7 56.5
89 62.3 57.0 85.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 45.630 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:166 Resp: 1121352
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.5 11.0 16.4

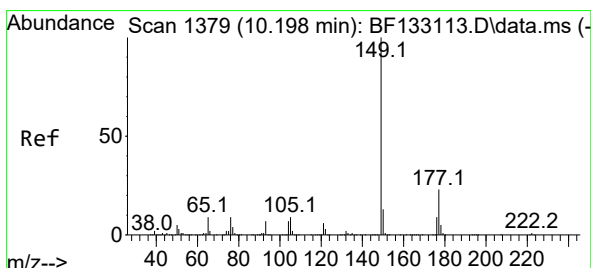
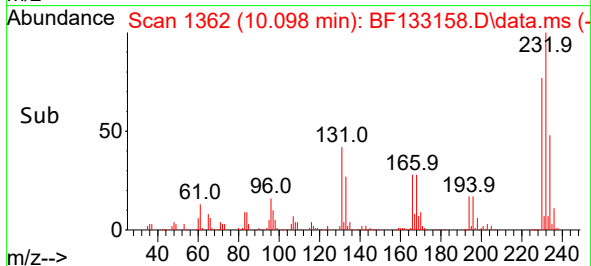
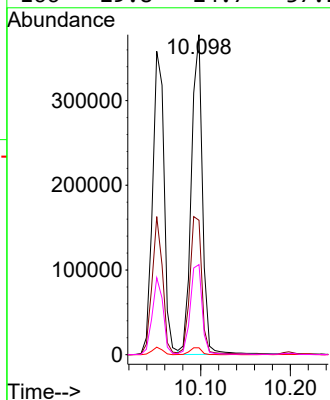
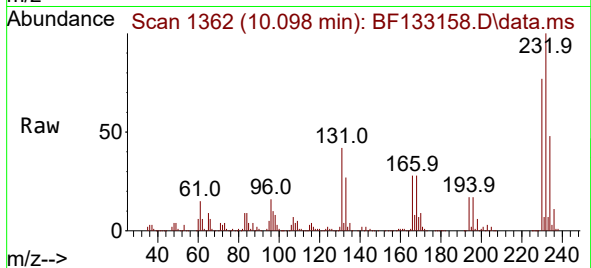




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.959 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

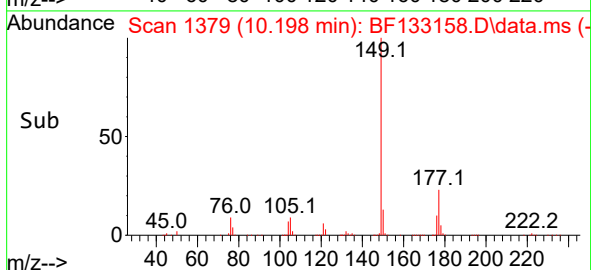
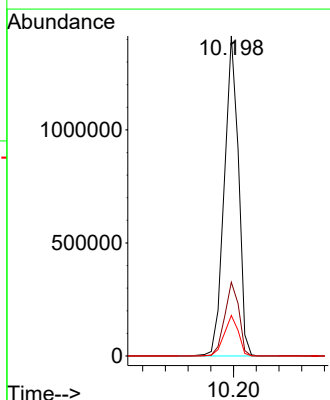
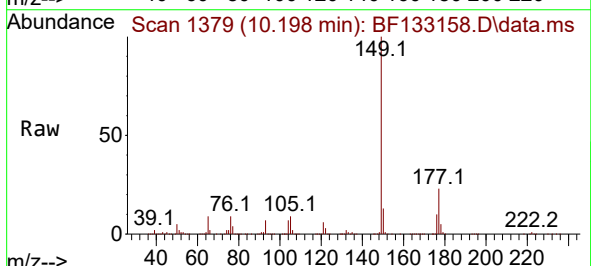
Instrument :
BNA_F
ClientSampleId :
PB152505BS

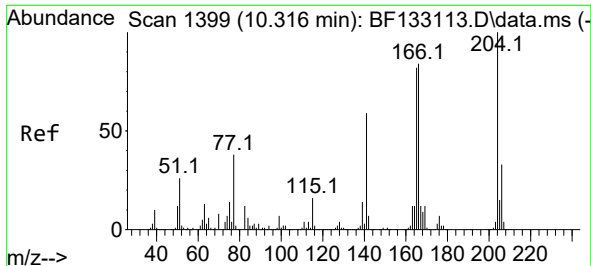
Tgt Ion:232 Resp: 323149
Ion Ratio Lower Upper
232 100
131 47.1 38.0 57.0
130 2.4 1.8 2.8
166 29.8 24.7 37.1



#60
Diethylphthalate
Concen: 47.037 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:149 Resp: 1226477
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.7 10.2 15.4

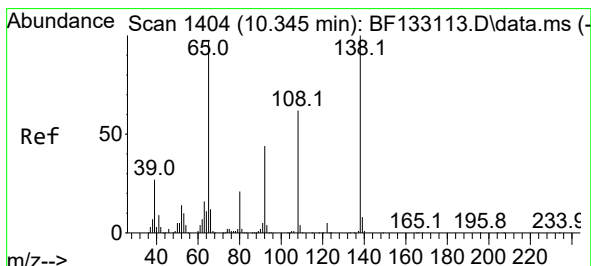
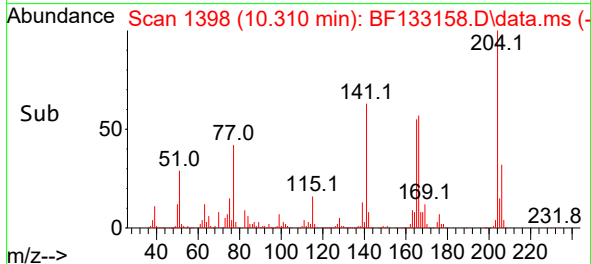
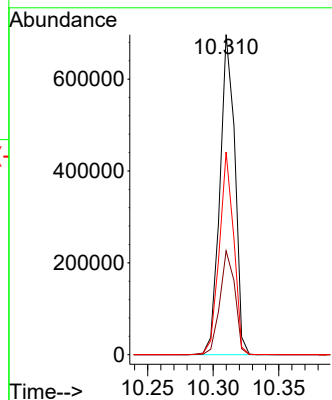
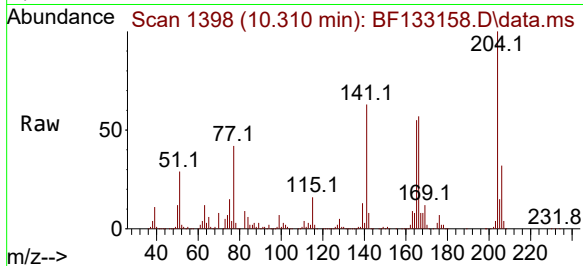




#61
4-Chlorophenyl-phenylether
Concen: 46.030 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

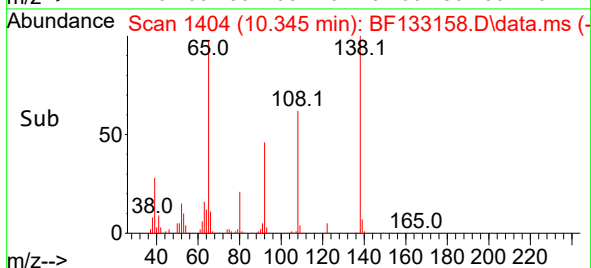
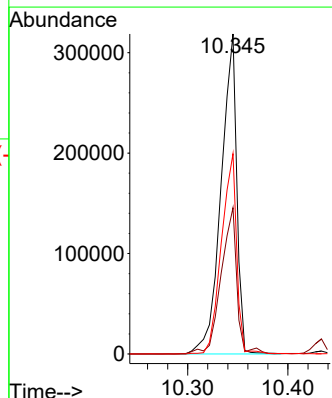
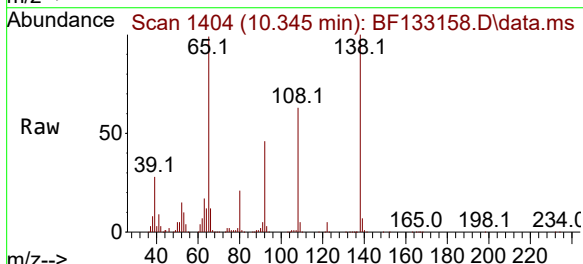
Instrument :
BNA_F
ClientSampleId :
PB152505BS

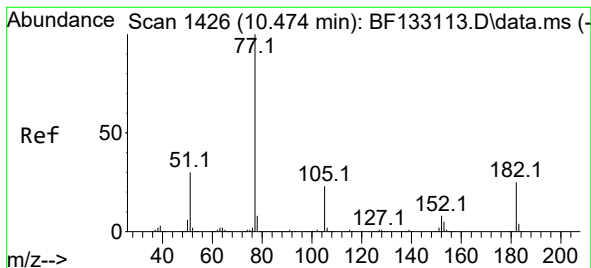
Tgt Ion:204 Resp: 551252
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 63.3 46.1 69.1



#62
4-Nitroaniline
Concen: 50.914 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:138 Resp: 345707
Ion Ratio Lower Upper
138 100
92 45.7 27.7 67.7
108 62.6 45.2 85.2





#63

Azobenzene

Concen: 44.903 ng

RT: 10.475 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

Tgt Ion: 77 Resp: 1240330

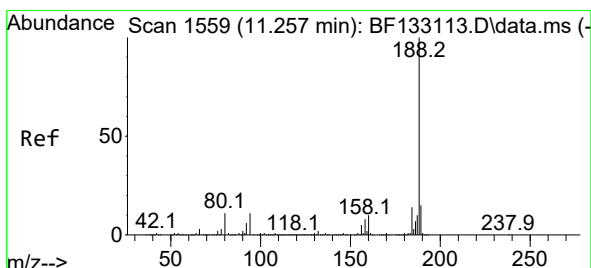
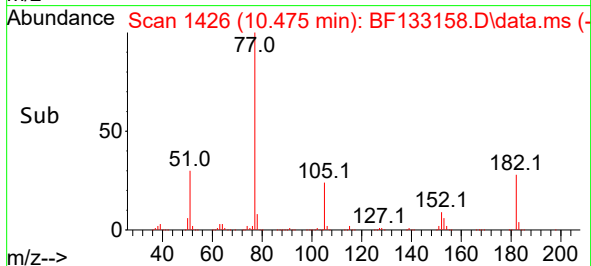
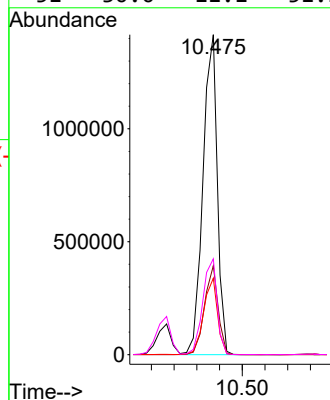
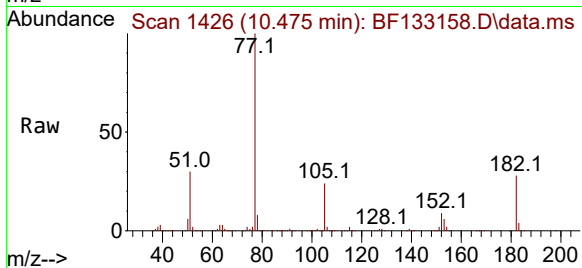
Ion Ratio Lower Upper

77 100

182 27.8 5.9 45.9

105 23.9 2.3 42.3

51 30.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

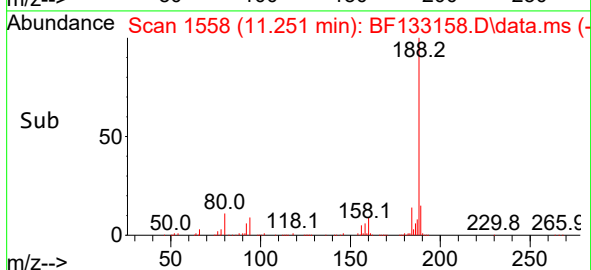
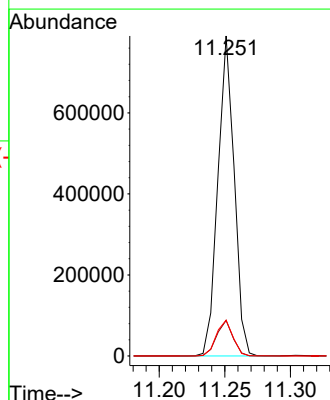
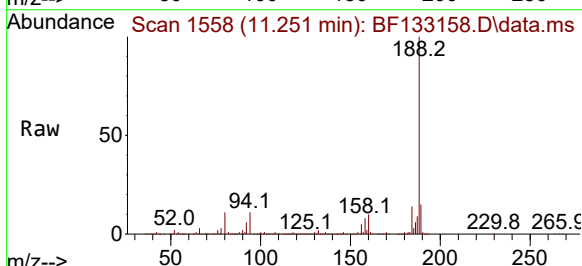
Tgt Ion:188 Resp: 683659

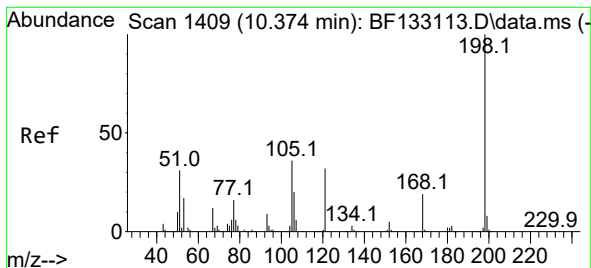
Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 11.2 10.4 15.6

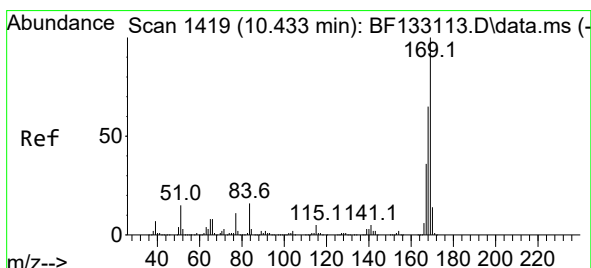
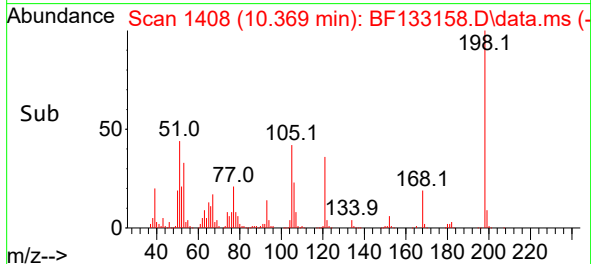
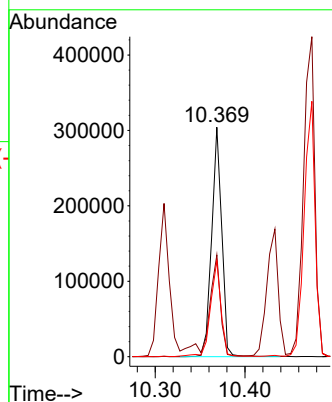
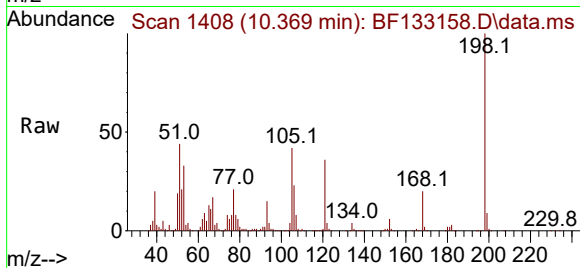




#65
4,6-Dinitro-2-methylphenol
Concen: 57.489 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

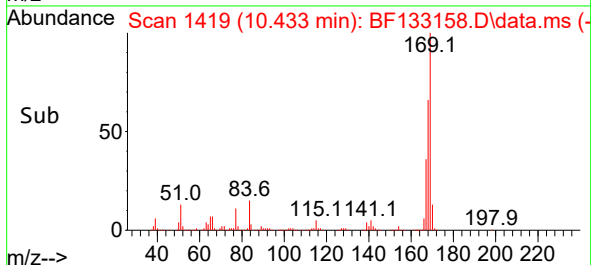
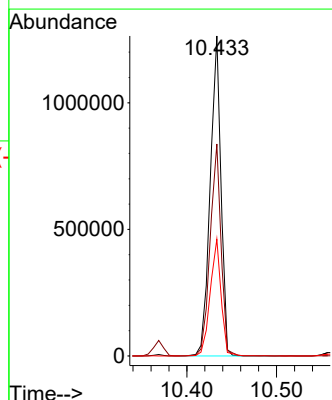
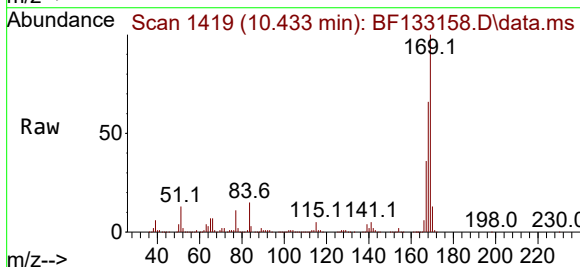
Instrument :
BNA_F
ClientSampleId :
PB152505BS

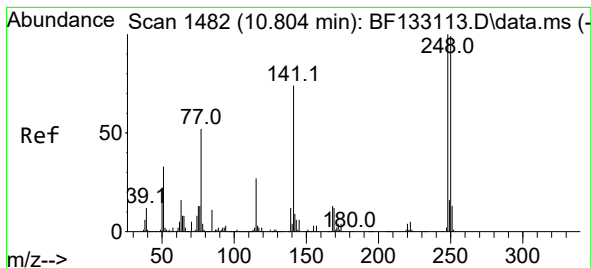
Tgt Ion:198 Resp: 238223
Ion Ratio Lower Upper
198 100
51 44.4 15.5 55.5
105 41.9 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 47.410 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:169 Resp: 1051373
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.5 29.7 44.5

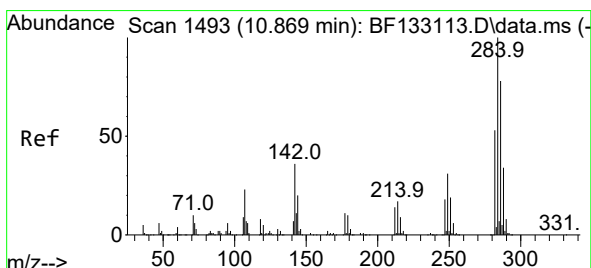
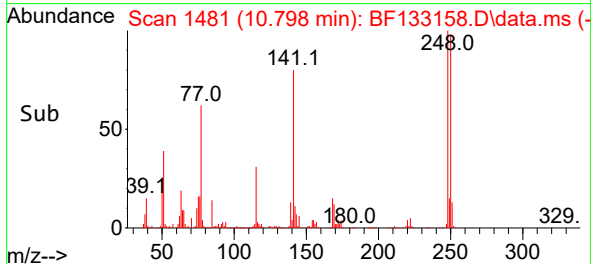
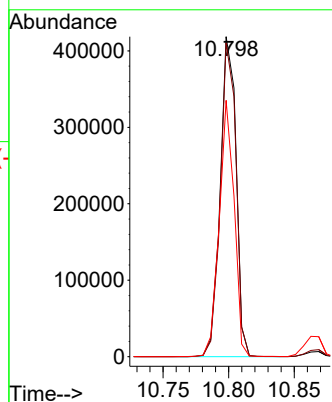
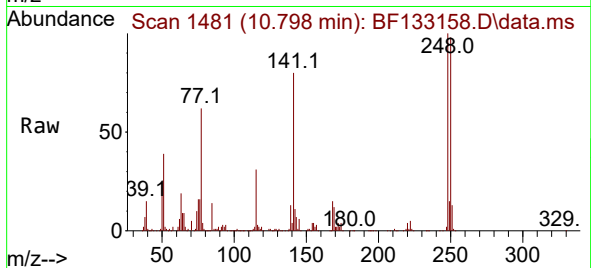




#67
4-Bromophenyl-phenylether
Concen: 47.329 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

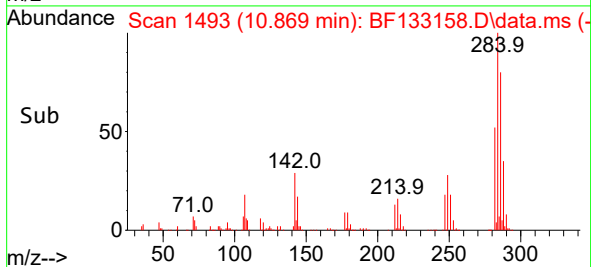
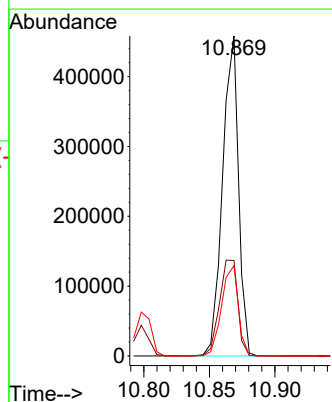
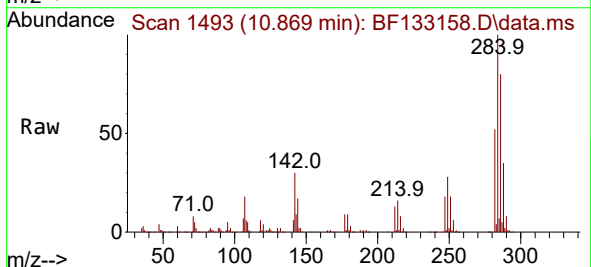
Instrument :
BNA_F
ClientSampleId :
PB152505BS

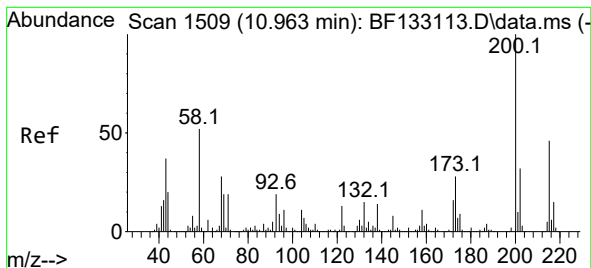
Tgt Ion:248 Resp: 350933
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 80.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 50.849 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:284 Resp: 386335
Ion Ratio Lower Upper
284 100
142 29.9 26.0 39.0
249 28.2 23.7 35.5





#69

Atrazine

Concen: 56.264 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

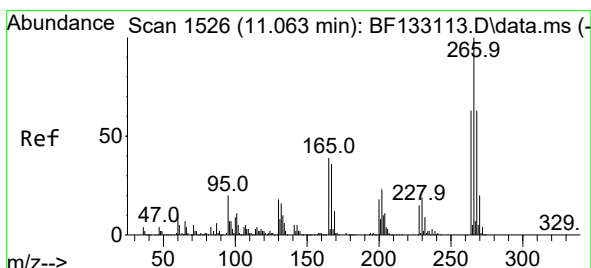
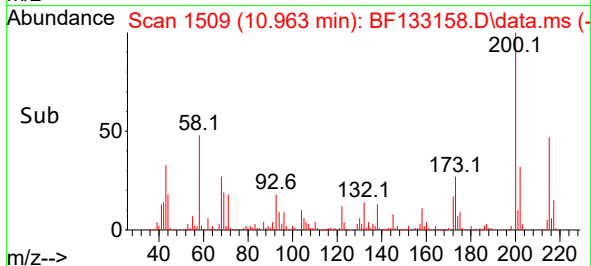
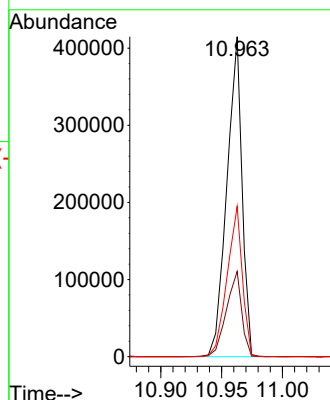
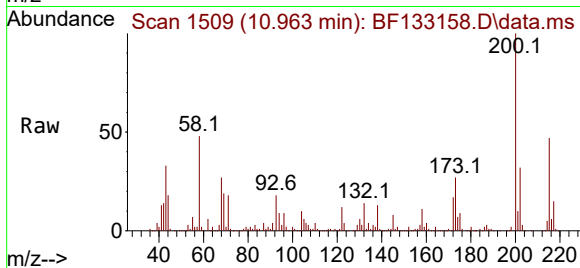
Tgt Ion:200 Resp: 359521

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 47.0 26.3 66.3



#70

Pentachlorophenol

Concen: 84.569 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

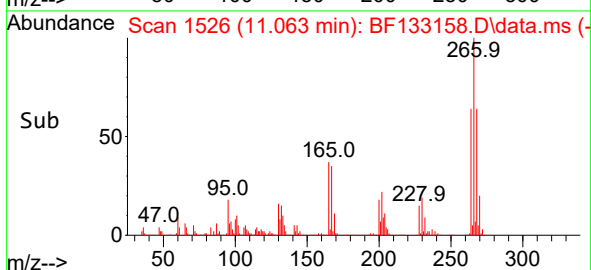
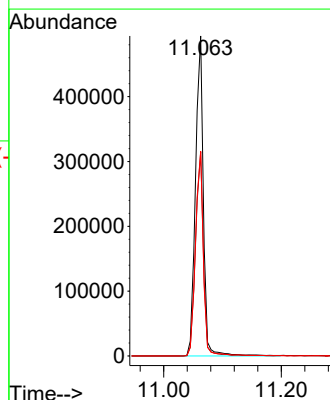
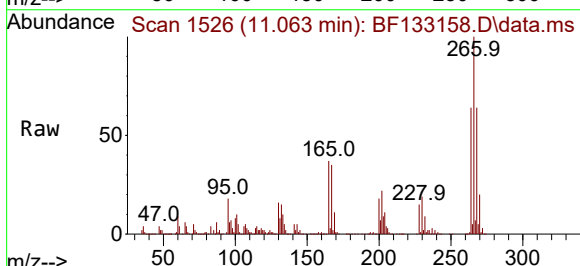
Tgt Ion:266 Resp: 457608

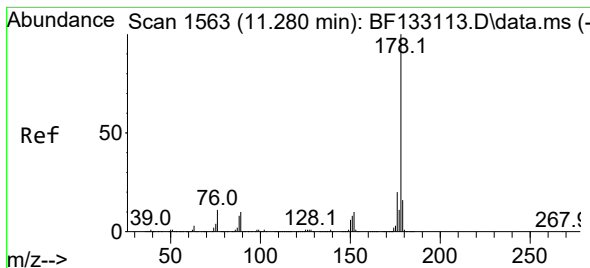
Ion Ratio Lower Upper

266 100

268 63.8 48.8 73.2

264 64.0 50.6 76.0





#71

Phenanthrene

Concen: 45.858 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

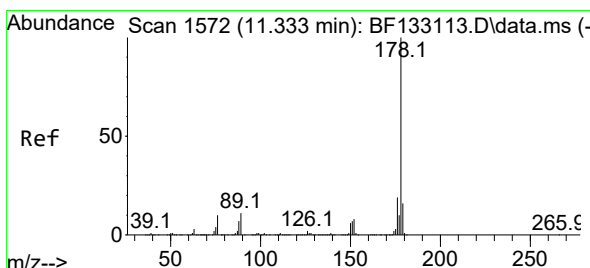
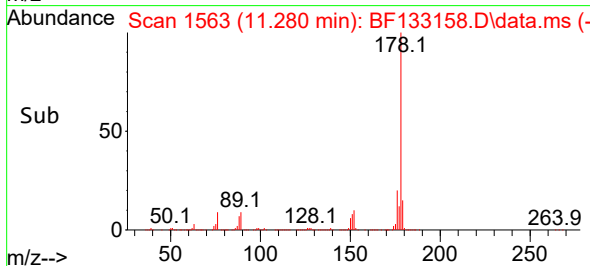
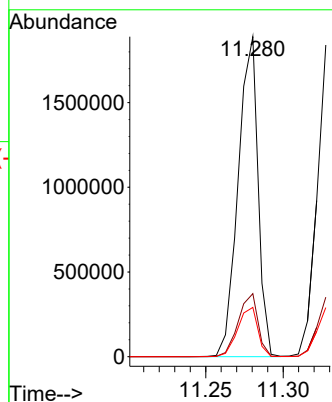
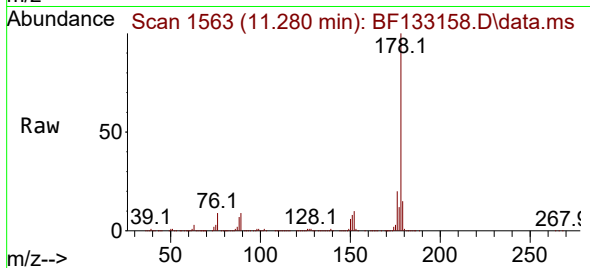
Tgt Ion:178 Resp: 1685036

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 46.519 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

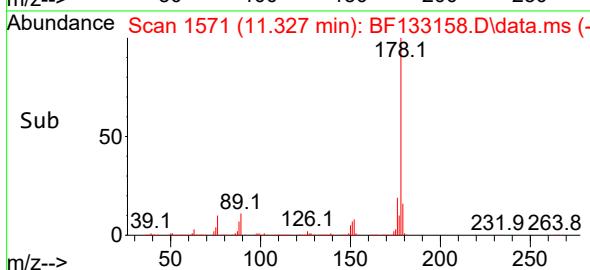
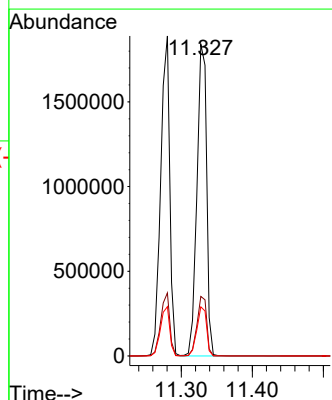
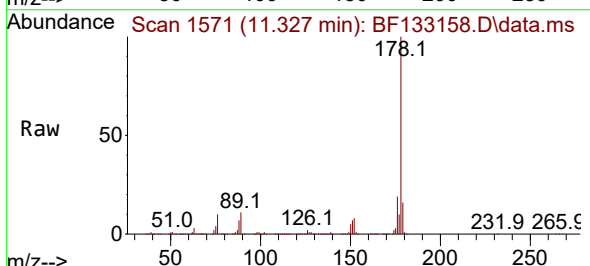
Tgt Ion:178 Resp: 1749297

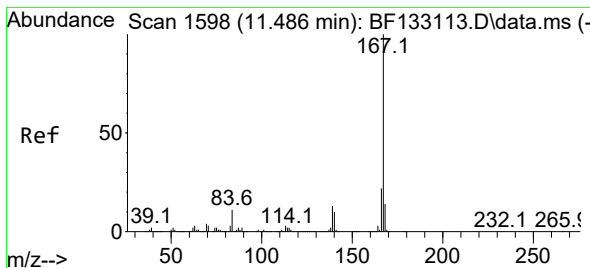
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.8 12.4 18.6





#73

Carbazole

Concen: 46.813 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

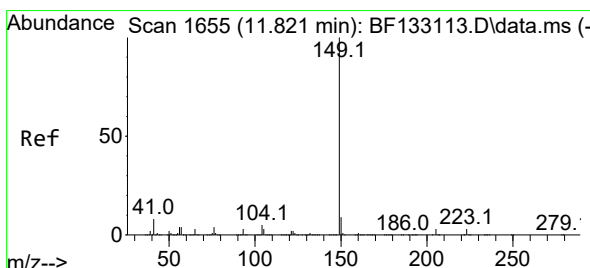
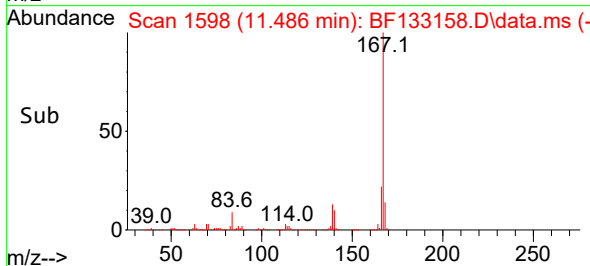
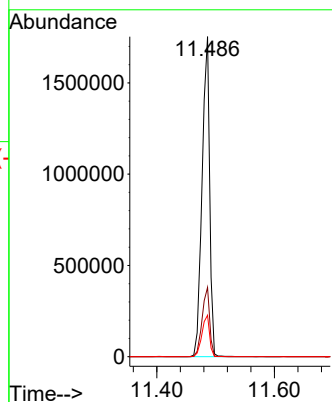
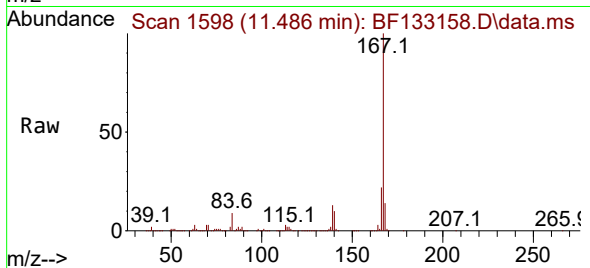
Tgt Ion:167 Resp: 1567485

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.745 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

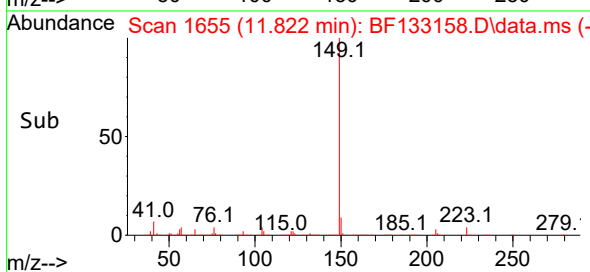
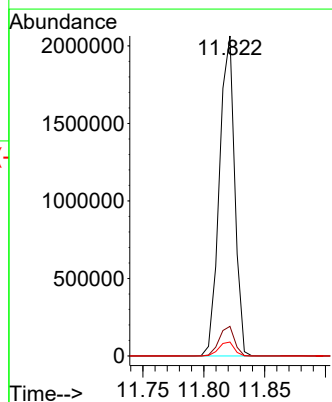
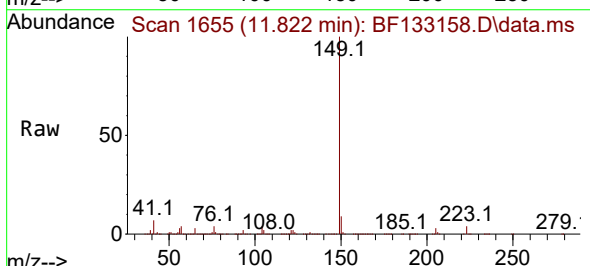
Tgt Ion:149 Resp: 1809163

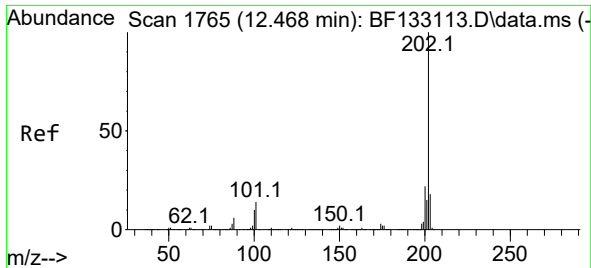
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.3 4.0 6.0

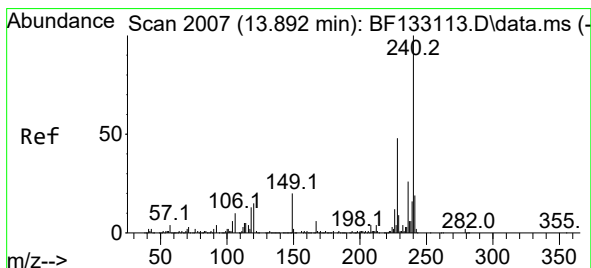
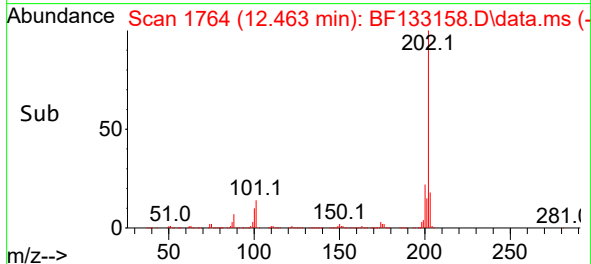
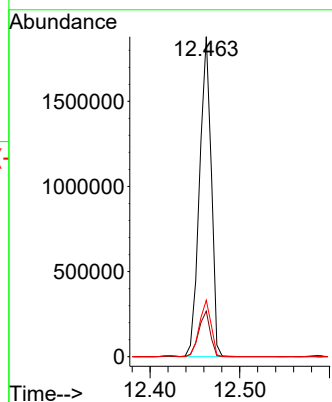
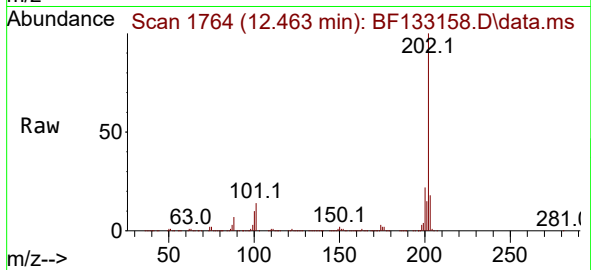




#75
Fluoranthene
Concen: 46.060 ng
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

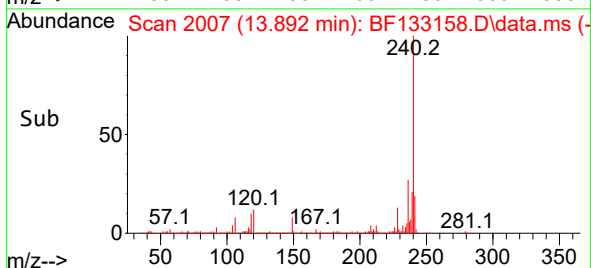
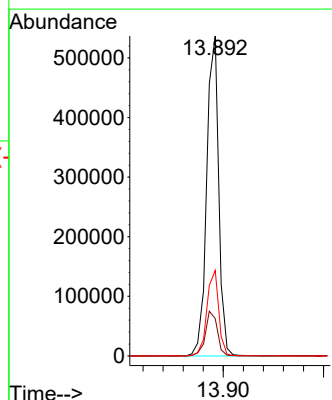
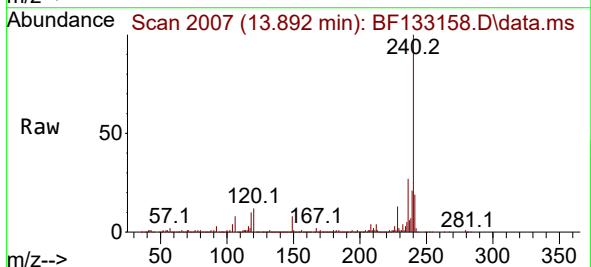
Instrument :
BNA_F
ClientSampleId :
PB152505BS

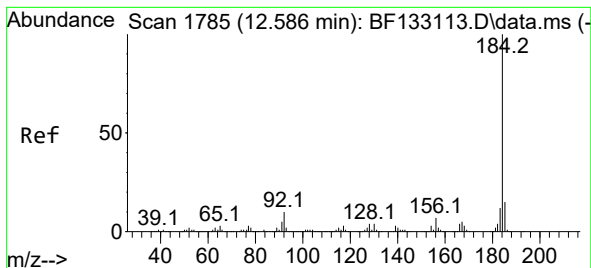
Tgt Ion:202 Resp: 1698559
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:240 Resp: 447735
Ion Ratio Lower Upper
240 100
120 11.7 10.5 15.7
236 26.7 21.5 32.3





#77

Benzidine

Concen: 146.341 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

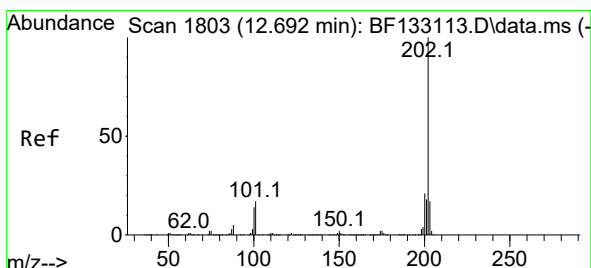
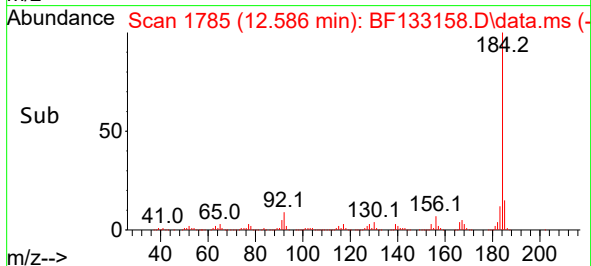
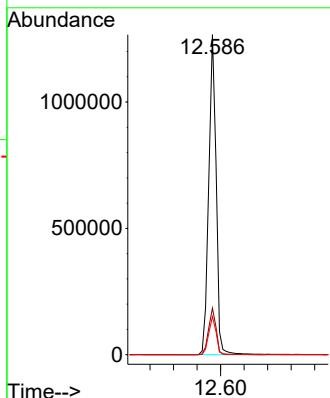
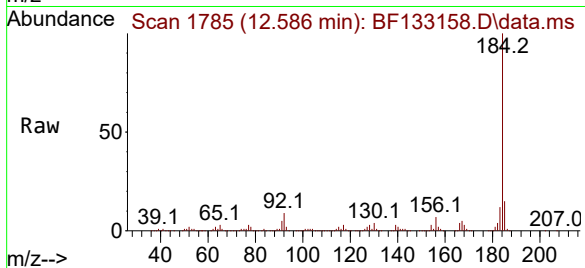
Tgt Ion:184 Resp: 1108015

Ion Ratio Lower Upper

184 100

185 14.5 15.4 23.2#

183 11.9 9.4 14.0



#78

Pyrene

Concen: 45.112 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

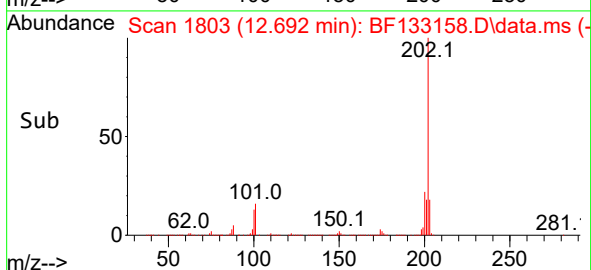
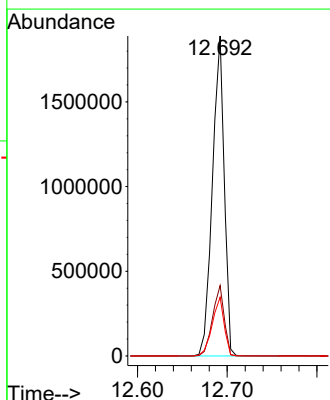
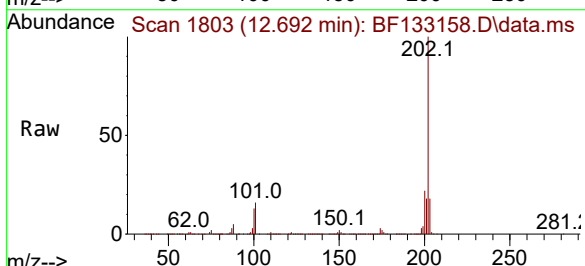
Tgt Ion:202 Resp: 1731437

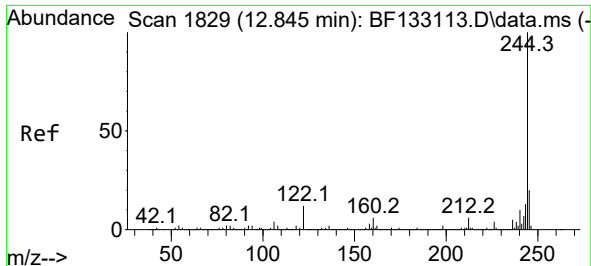
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 18.4 14.1 21.1

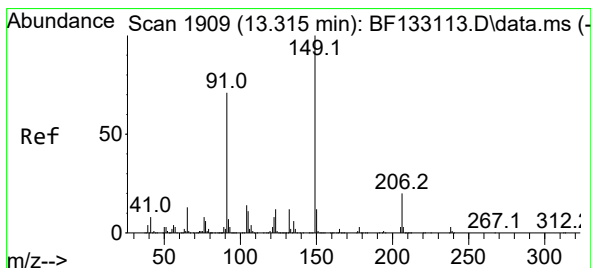
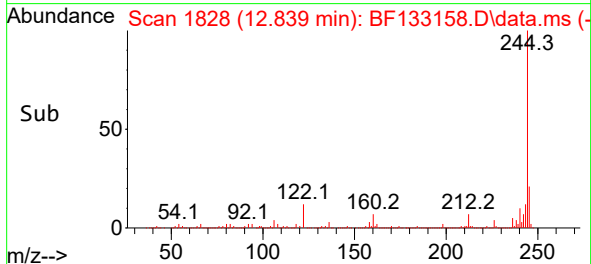
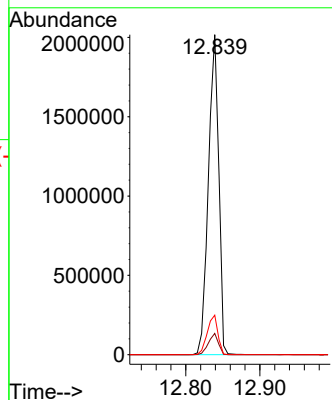
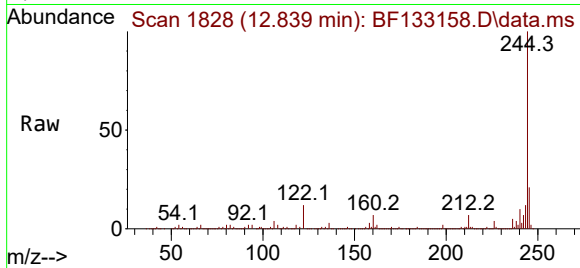




#79
 Terphenyl-d14
 Concen: 75.502 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133158.D
 Acq: 01 May 2023 16:29

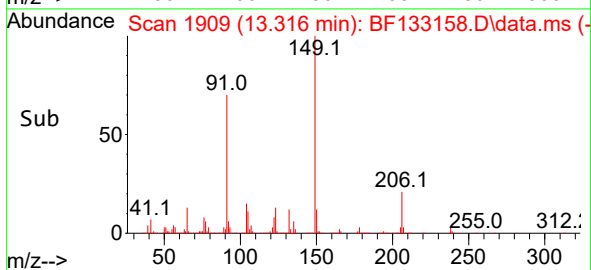
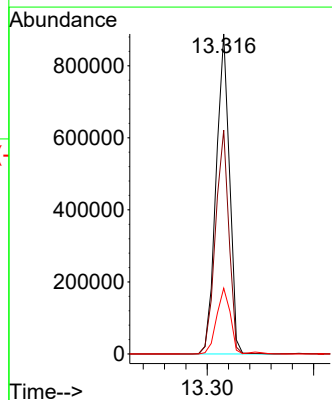
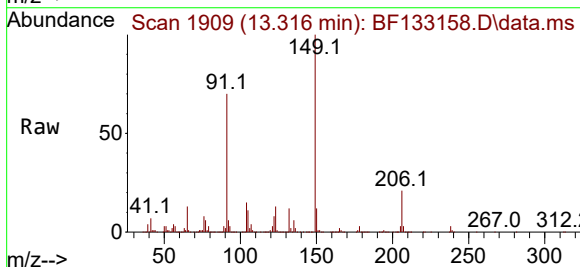
Instrument :
 BNA_F
 ClientSampleId :
 PB152505BS

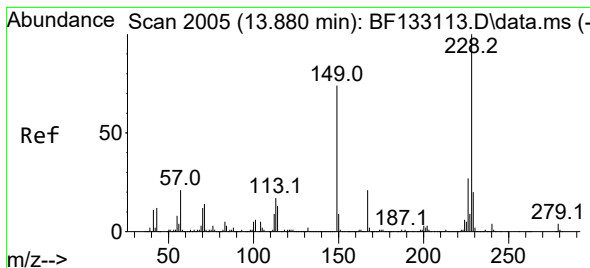
Tgt Ion:244 Resp: 1960070
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.3 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 57.097 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133158.D
 Acq: 01 May 2023 16:29

Tgt Ion:149 Resp: 775935
 Ion Ratio Lower Upper
 149 100
 91 70.0 53.8 80.6
 206 20.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 45.955 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

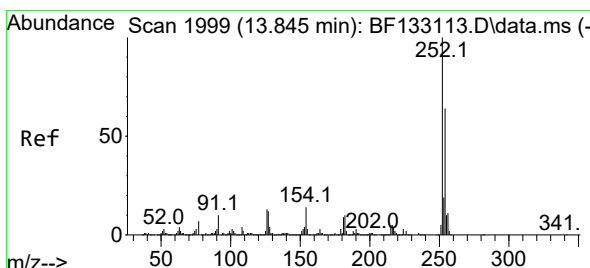
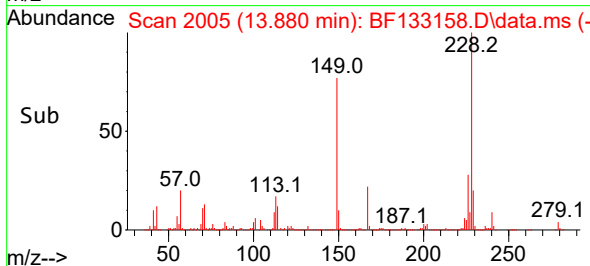
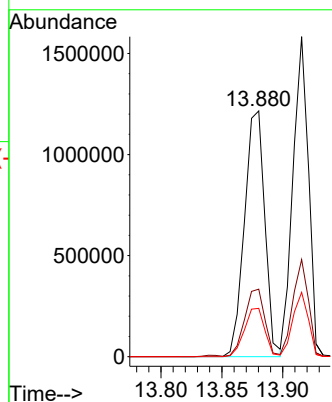
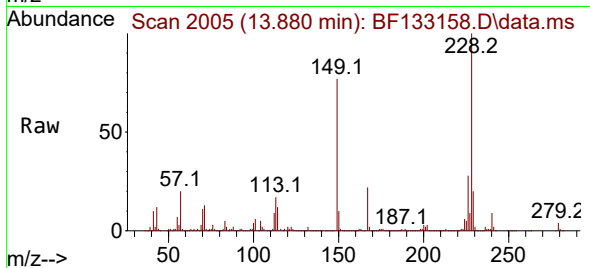
Tgt Ion:228 Resp: 1414928

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 40.506 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

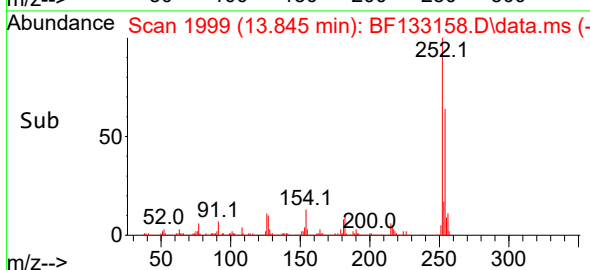
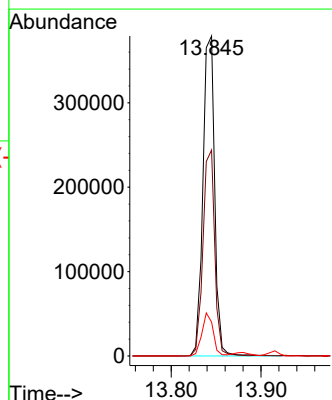
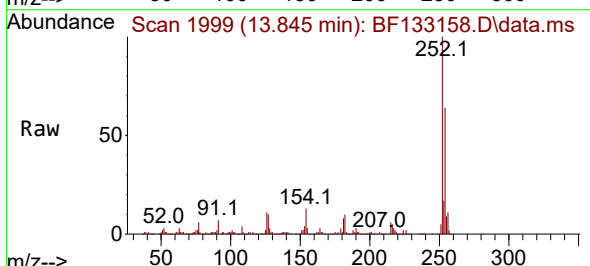
Tgt Ion:252 Resp: 344529

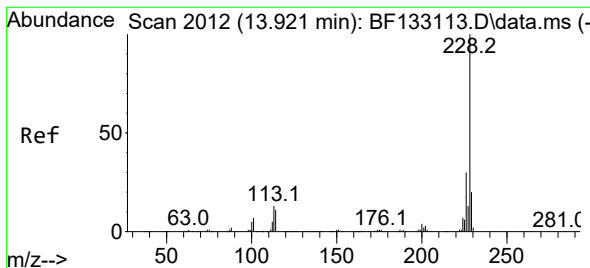
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 10.6 9.5 14.3





#83

Chrysene

Concen: 45.583 ng

RT: 13.916 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

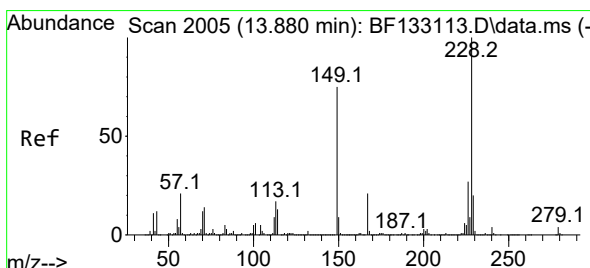
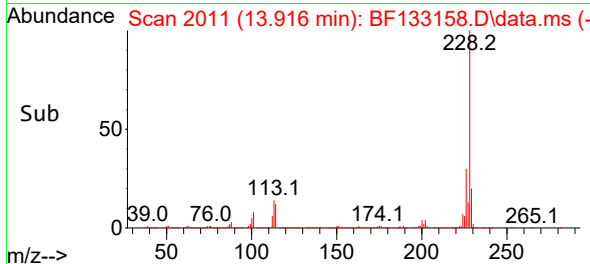
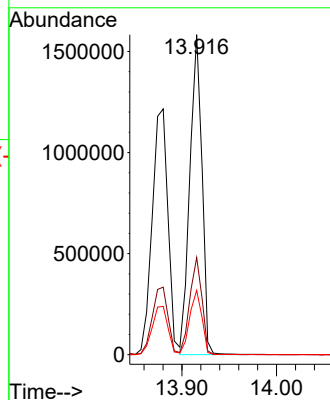
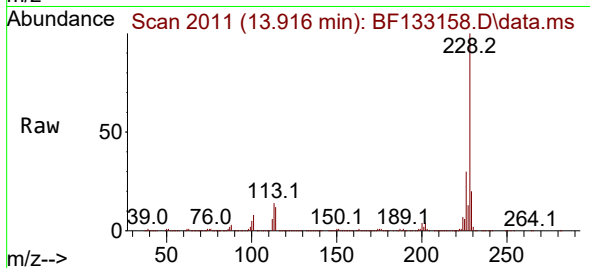
Tgt Ion:228 Resp: 1403114

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.783 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

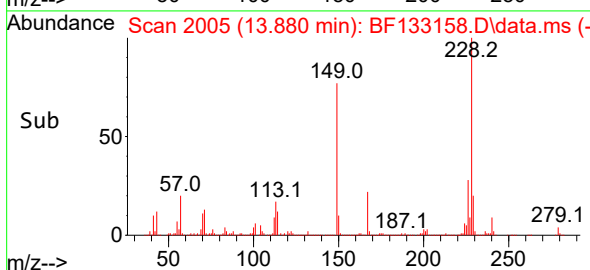
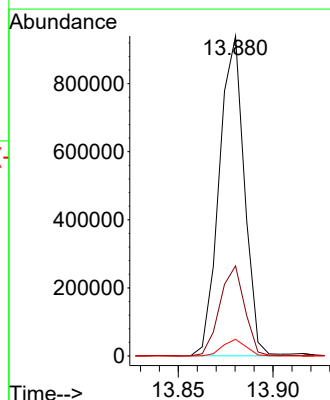
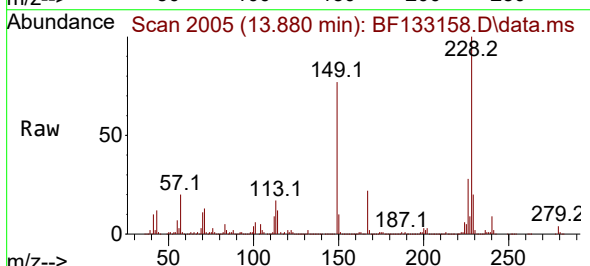
Tgt Ion:149 Resp: 866232

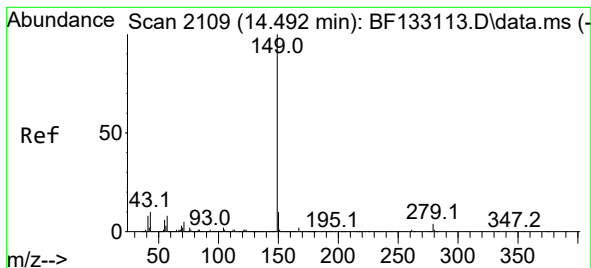
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 57.522 ng

RT: 14.492 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

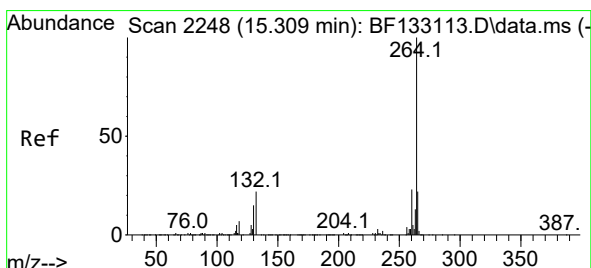
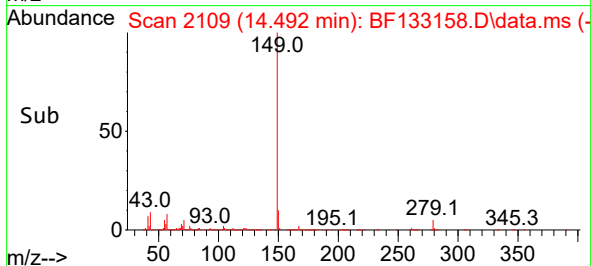
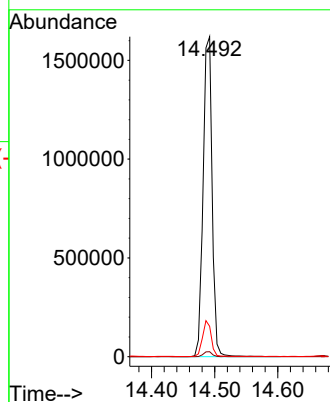
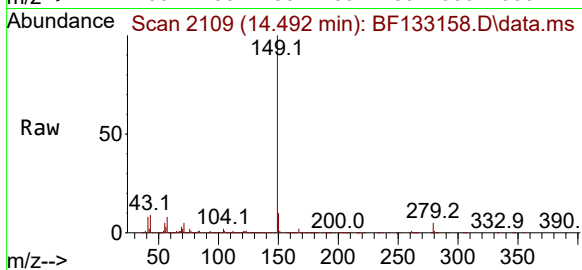
Tgt Ion:149 Resp: 1599900

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

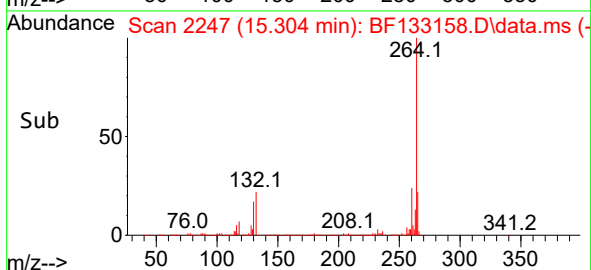
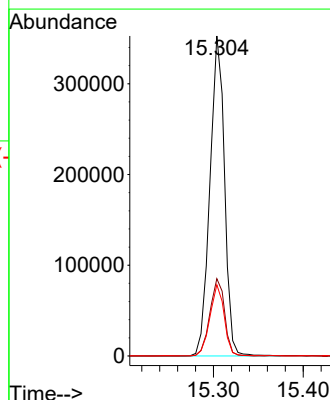
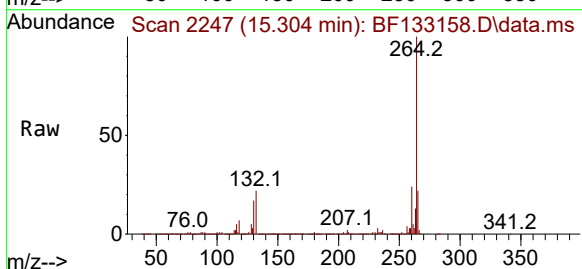
Tgt Ion:264 Resp: 398210

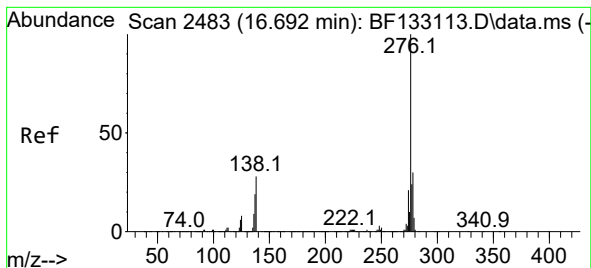
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.681 ng

RT: 16.686 min Scan# 2482

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

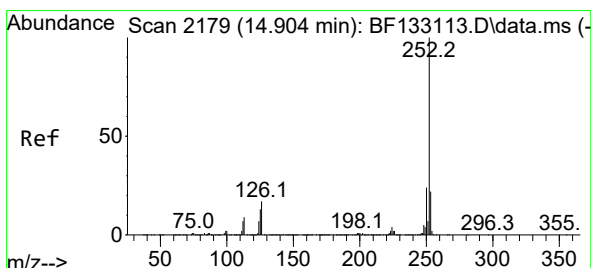
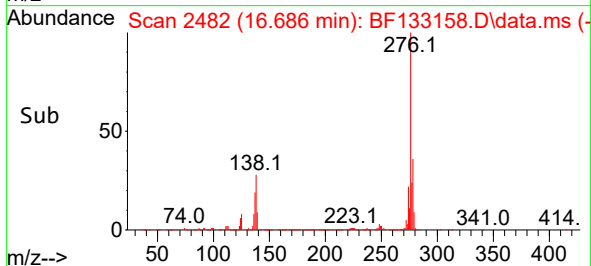
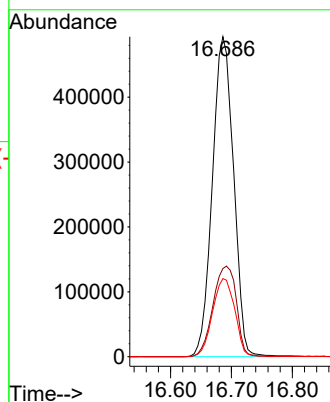
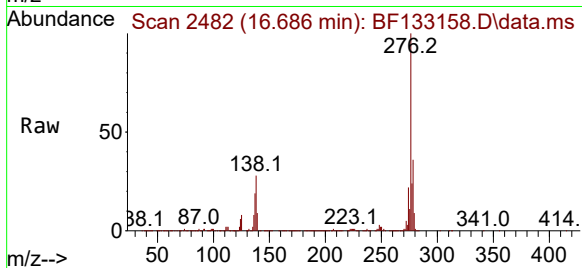
Tgt Ion:276 Resp: 1193280

Ion Ratio Lower Upper

276 100

138 31.1 25.5 38.3

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.134 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

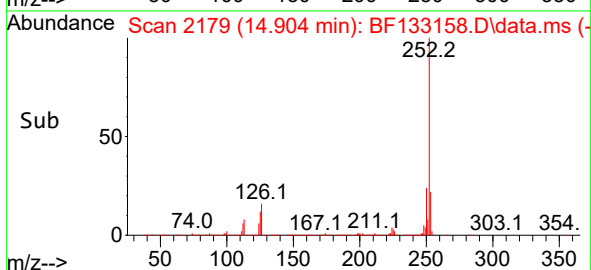
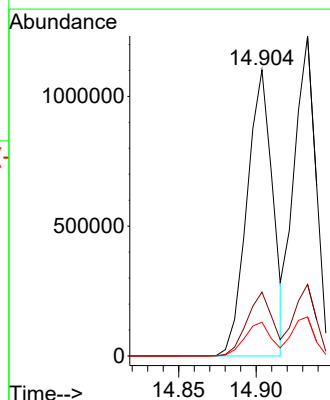
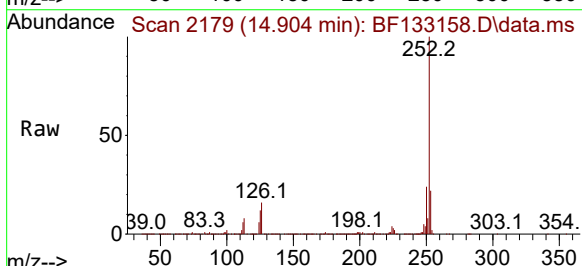
Tgt Ion:252 Resp: 1270081

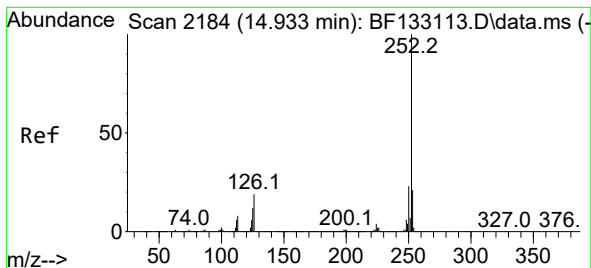
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 48.482 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

Instrument :

BNA_F

ClientSampleId :

PB152505BS

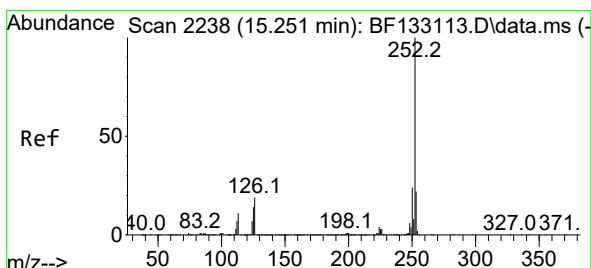
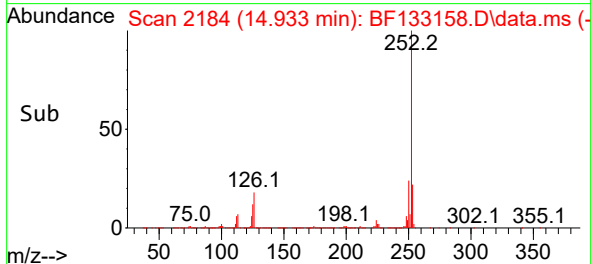
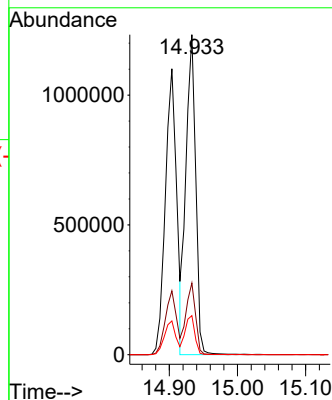
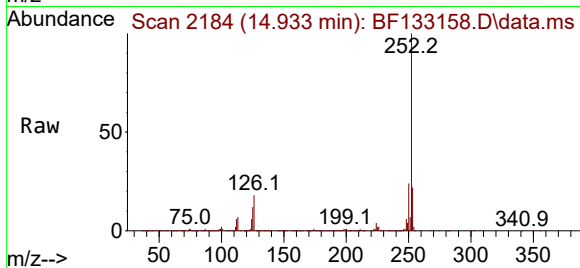
Tgt Ion:252 Resp: 1217536

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 46.330 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133158.D

Acq: 01 May 2023 16:29

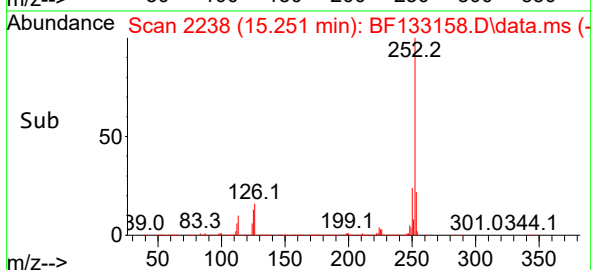
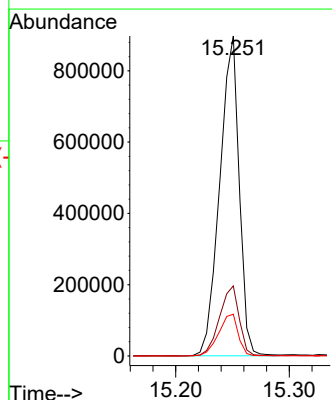
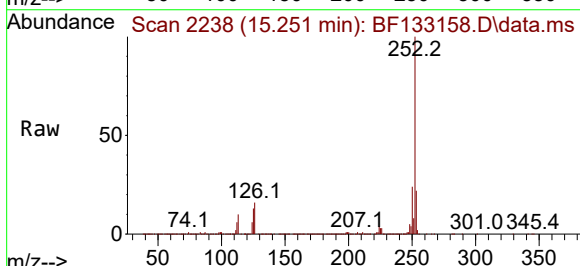
Tgt Ion:252 Resp: 1068306

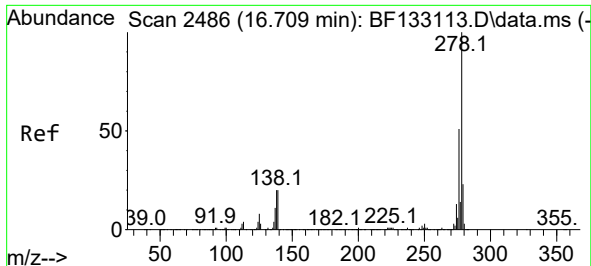
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 13.1 10.5 15.7

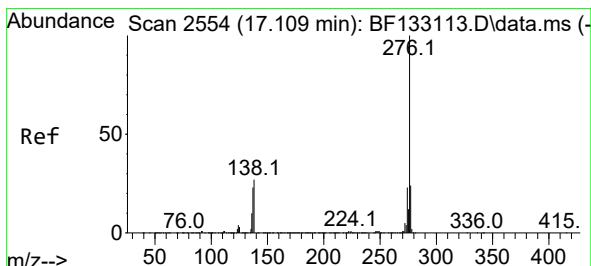
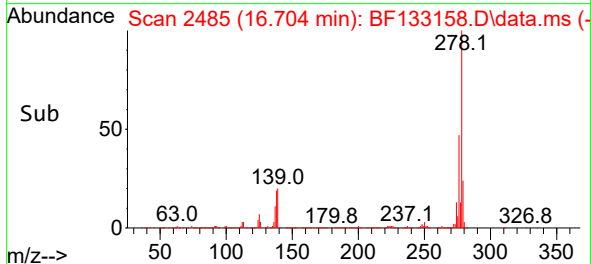
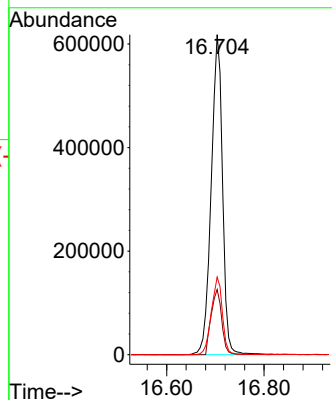
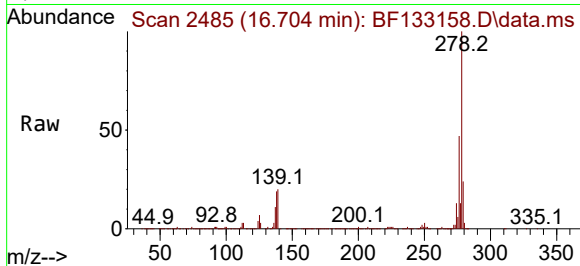




#91
Dibenzo(a,h)anthracene
Concen: 52.513 ng
RT: 16.704 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Instrument :
BNA_F
ClientSampleId :
PB152505BS

Tgt Ion:278 Resp: 992075
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 52.741 ng
RT: 17.104 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BF133158.D
Acq: 01 May 2023 16:29

Tgt Ion:276 Resp: 983680
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 27.0 22.7 34.1

