

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133828.D
 Acq On : 19 Jun 2023 11:57
 Operator : CG\JU
 Sample : PB153132BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153132BS

Quant Time: Jun 20 01:29:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109702	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	427084	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	224070	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	445826	20.000	ng	0.00
76) Chrysene-d12	14.051	240	204224	20.000	ng	0.00
86) Perylene-d12	15.557	264	201518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	752207	119.370	ng	0.01
7) Phenol-d6	6.504	99	910908	111.054	ng	0.00
23) Nitrobenzene-d5	7.428	82	627900	80.077	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	314104	110.743	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1173155	74.426	ng	0.00
79) Terphenyl-d14	12.992	244	1308913	99.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	94860	34.241	ng	97
3) Pyridine	3.510	79	237733	29.441	ng	96
4) n-Nitrosodimethylamine	3.469	42	186186	41.713	ng	95
6) Aniline	6.528	93	294809	28.536	ng	99
8) 2-Chlorophenol	6.645	128	304369	45.834	ng	97
9) Benzaldehyde	6.410	77	85771	15.761	ng	95
10) Phenol	6.516	94	356621	41.638	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	271565	42.709	ng	97
12) 1,3-Dichlorobenzene	6.798	146	318300	44.861	ng	97
13) 1,4-Dichlorobenzene	6.881	146	319333	44.529	ng	97
14) 1,2-Dichlorobenzene	7.028	146	303267	46.801	ng	100
15) Benzyl Alcohol	7.004	79	281766	43.982	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	496607	46.073	ng	100
17) 2-Methylphenol	7.116	107	250069	42.485	ng	99
18) Hexachloroethane	7.369	117	122159	49.758	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	220689	42.288	ng	94
20) 3+4-Methylphenols	7.269	107	303283	39.609	ng	# 87
22) Acetophenone	7.269	105	424769	43.364	ng	# 90
24) Nitrobenzene	7.445	77	331213	41.949	ng	98
25) Isophorone	7.681	82	601405	41.777	ng	99
26) 2-Nitrophenol	7.757	139	162226	45.782	ng	95
27) 2,4-Dimethylphenol	7.798	122	267850	43.856	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	347359	41.749	ng	100
29) 2,4-Dichlorophenol	7.998	162	256824	42.905	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	266250	42.633	ng	98
31) Naphthalene	8.163	128	855367	41.109	ng	100
32) Benzoic acid	7.928	122	205429	53.332	ng	94
33) 4-Chloroaniline	8.210	127	103338	11.615	ng	99
34) Hexachlorobutadiene	8.275	225	168525	41.215	ng	98
35) Caprolactam	8.592	113	57616	28.605	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	296141	42.921	ng	99
37) 2-Methylnaphthalene	8.857	142	581736	40.238	ng	99
38) 1-Methylnaphthalene	8.957	142	537531	40.405	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	275718	40.476	ng	98
41) Hexachlorocyclopentadiene	9.004	237	352249	116.039	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	186863	41.051	ng	96

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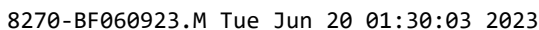
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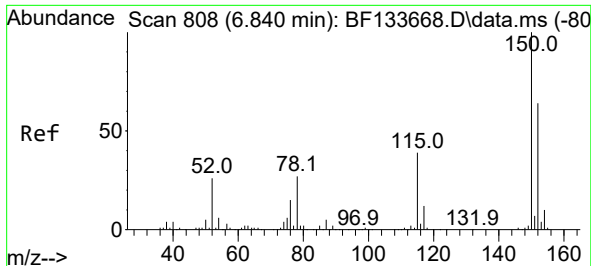
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	204254	38.570	ng	96
46) 1,1'-Biphenyl	9.322	154	748263	41.406	ng	100
47) 2-Chloronaphthalene	9.345	162	545726	42.099	ng	100
48) 2-Nitroaniline	9.445	65	193490	40.813	ng	97
49) Acenaphthylene	9.763	152	899325	39.860	ng	99
50) Dimethylphthalate	9.627	163	668375	39.962	ng	100
51) 2,6-Dinitrotoluene	9.686	165	146382	42.403	ng	# 75
52) Acenaphthene	9.933	154	536440	40.620	ng	98
53) 3-Nitroaniline	9.857	138	93332	22.216	ng	90
54) 2,4-Dinitrophenol	9.969	184	173677	101.313	ng	90
55) Dibenzofuran	10.110	168	815054	40.446	ng	97
56) 4-Nitrophenol	10.027	139	244165	86.117	ng	# 80
57) 2,4-Dinitrotoluene	10.098	165	196893	44.845	ng	97
58) Fluorene	10.451	166	639099	41.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	177758	44.834	ng	97
60) Diethylphthalate	10.327	149	713228	41.900	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	311210	40.907	ng	99
62) 4-Nitroaniline	10.480	138	160929	39.069	ng	94
63) Azobenzene	10.604	77	671857	41.693	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	112332	52.729	ng	# 73
66) n-Nitrosodiphenylamine	10.569	169	580704	38.777	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	196975	39.585	ng	96
68) Hexachlorobenzene	10.998	284	216631	41.400	ng	96
69) Atrazine	11.098	200	188082	43.286	ng	96
70) Pentachlorophenol	11.198	266	240141	76.640	ng	98
71) Phenanthrene	11.422	178	923652	40.835	ng	100
72) Anthracene	11.474	178	942854	39.978	ng	100
73) Carbazole	11.627	167	869227	39.572	ng	99
74) Di-n-butylphthalate	11.957	149	1114531	39.578	ng	99
75) Fluoranthene	12.616	202	961078	40.012	ng	99
77) Benzidine	12.733	184	195713	28.559	ng	100
78) Pyrene	12.845	202	949460	49.908	ng	99
80) Butylbenzylphthalate	13.468	149	364146	45.340	ng	100
81) Benzo(a)anthracene	14.039	228	595323	42.143	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	134396	28.617	ng	98
83) Chrysene	14.080	228	556650	41.663	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	402335	40.685	ng	99
85) Di-n-octyl phthalate	14.651	149	565548	40.245	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	701030	50.565	ng	99
88) Benzo(b)fluoranthene	15.110	252	518454	42.353	ng	98
89) Benzo(k)fluoranthene	15.139	252	465608	39.046	ng	99
90) Benzo(a)pyrene	15.492	252	460802	40.560	ng	97
91) Dibenzo(a,h)anthracene	17.139	278	573182	49.938	ng	99
92) Benzo(g,h,i)perylene	17.586	276	568861	49.988	ng	98

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

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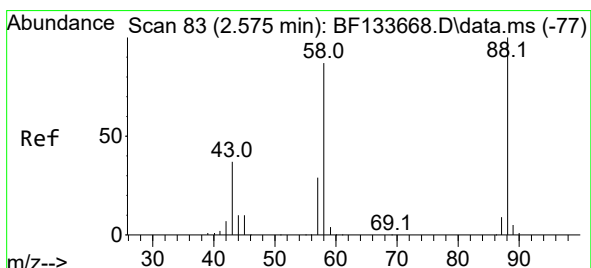
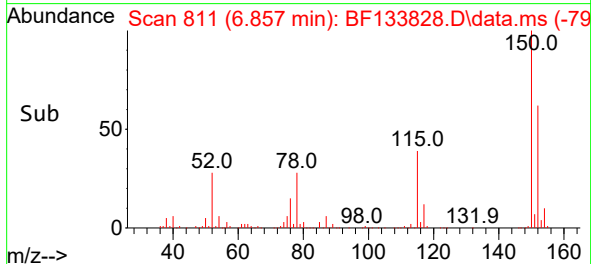
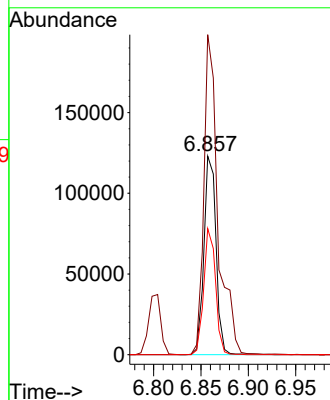
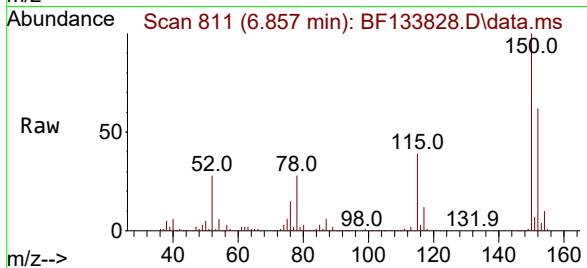




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

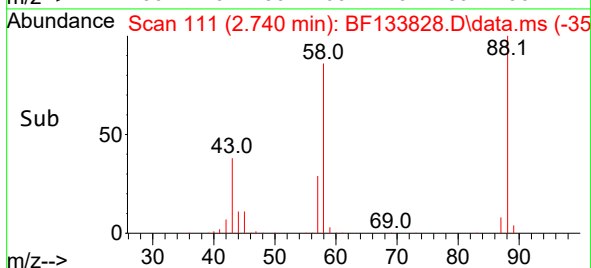
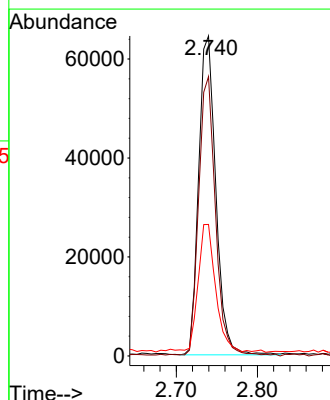
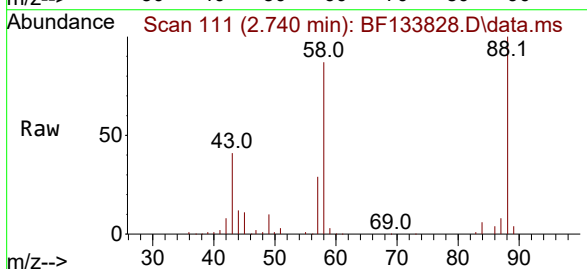
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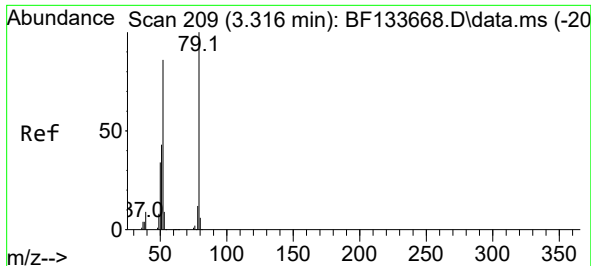
Tgt Ion:152 Resp: 109702
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.3 186.5
 115 63.5 48.5 72.7



#2
 1,4-Dioxane
 Concen: 34.241 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.100 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Tgt Ion: 88 Resp: 94860
 Ion Ratio Lower Upper
 88 100
 58 86.5 67.8 101.6
 43 40.0 29.8 44.6

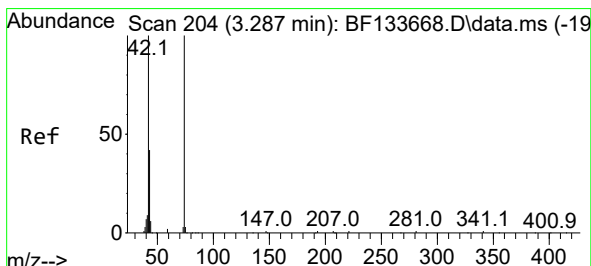
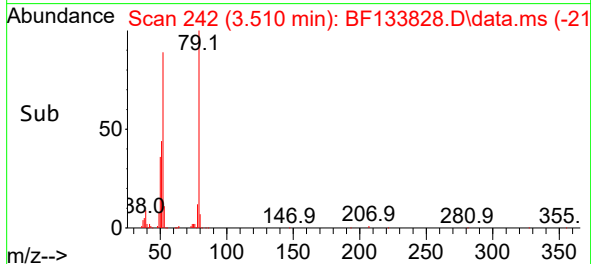
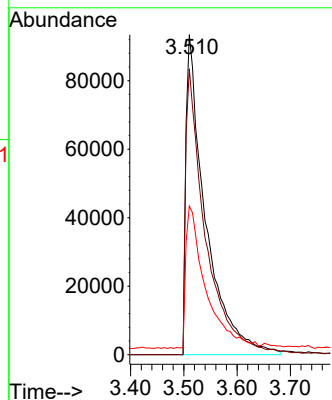
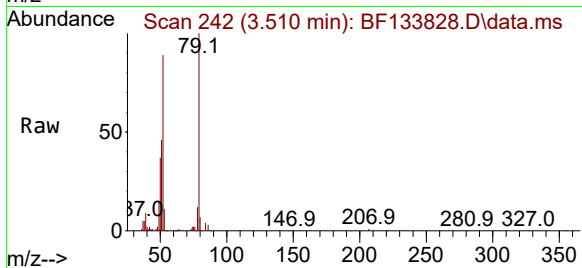




#3
 Pyridine
 Concen: 29.441 ng
 RT: 3.510 min Scan# 24
 Delta R.T. 0.082 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

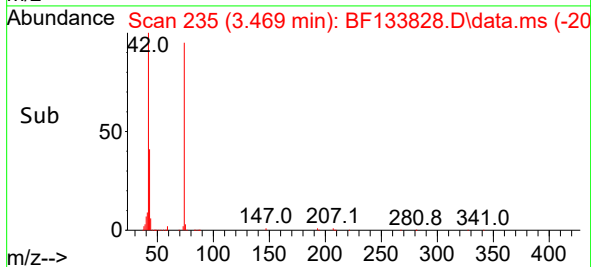
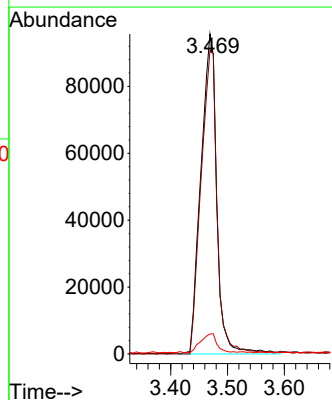
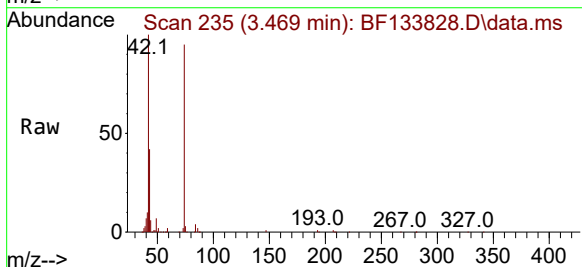
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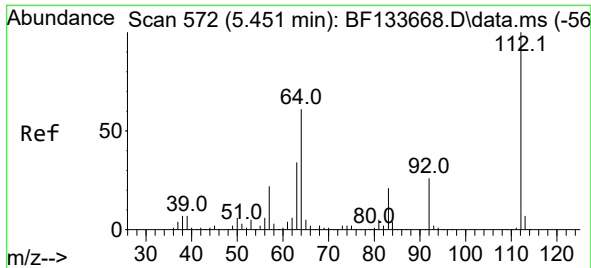
Tgt Ion: 79 Resp: 237733
 Ion Ratio Lower Upper
 79 100
 52 89.3 68.6 102.8
 51 46.4 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 41.713 ng
 RT: 3.469 min Scan# 235
 Delta R.T. 0.082 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Tgt Ion: 42 Resp: 186186
 Ion Ratio Lower Upper
 42 100
 74 94.9 79.8 119.8
 44 6.3 4.7 7.1

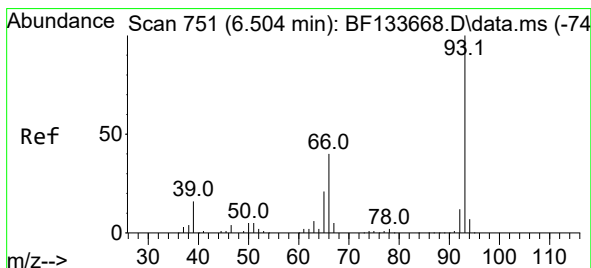
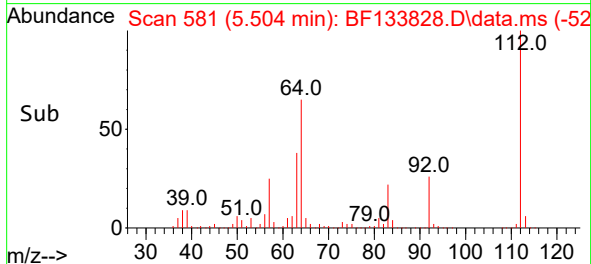
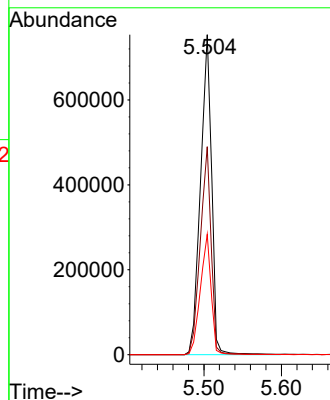
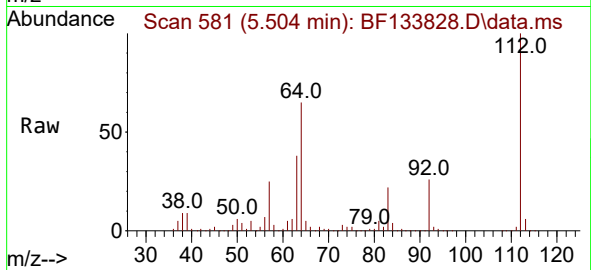




#5
2-Fluorophenol
Concen: 119.370 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

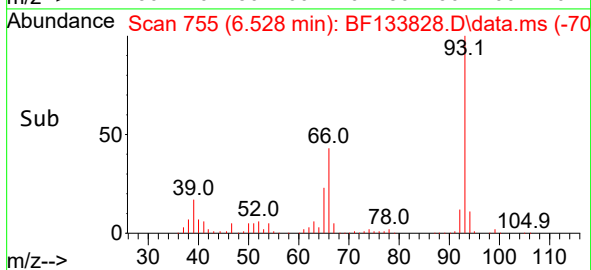
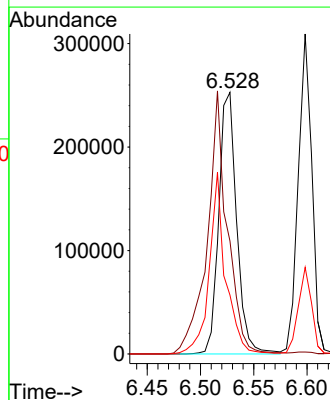
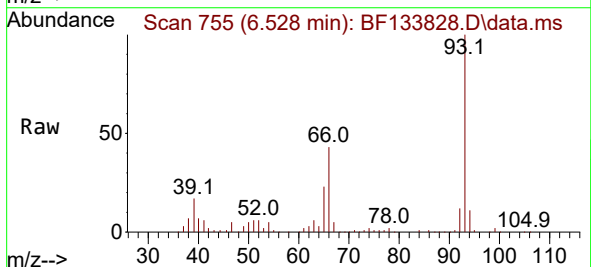
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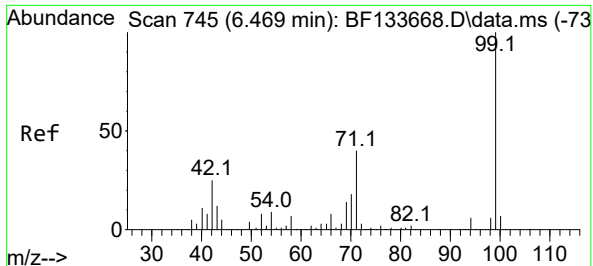
Tgt Ion:112 Resp: 752207
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 37.6 26.8 40.2



#6
Aniline
Concen: 28.536 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 93 Resp: 294809
Ion Ratio Lower Upper
93 100
66 43.2 34.4 51.6
65 22.5 17.5 26.3

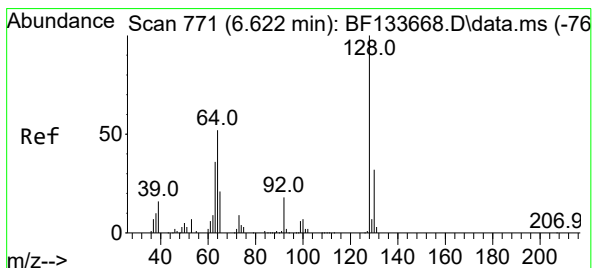
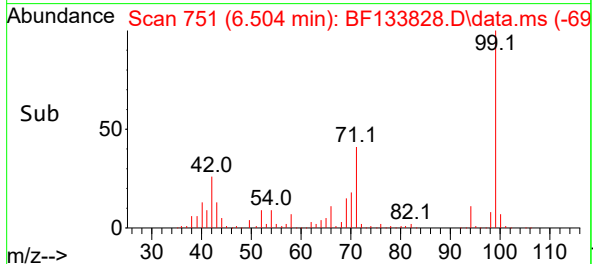
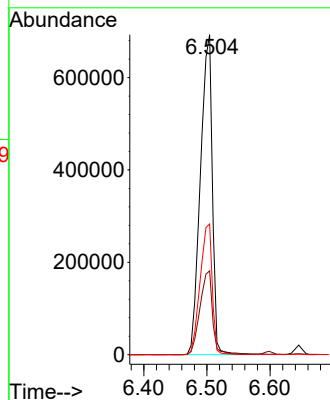
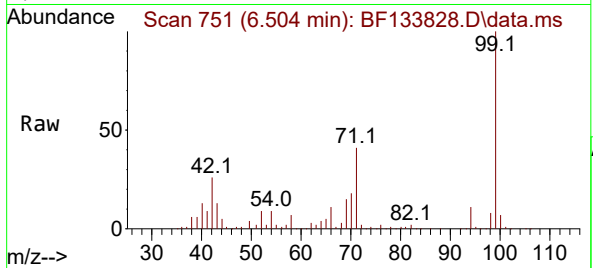




#7
Phenol-d6
Concen: 111.054 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

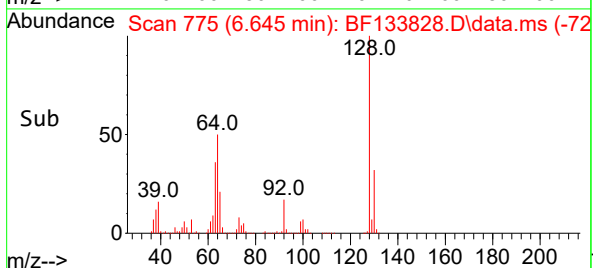
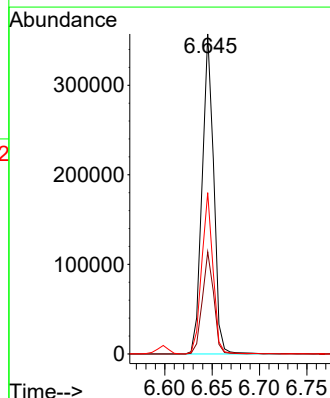
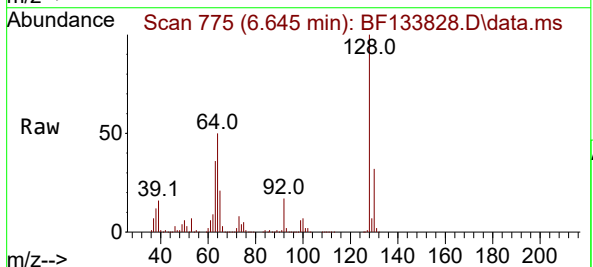
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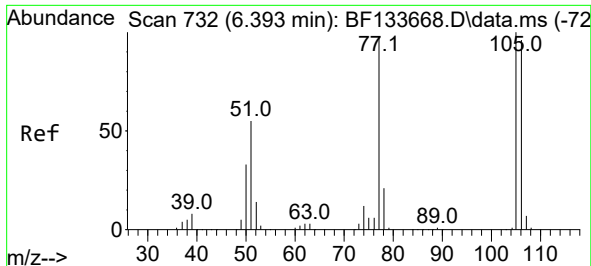
Tgt Ion: 99 Resp: 910908
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 40.9 32.2 48.4



#8
2-Chlorophenol
Concen: 45.834 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 128 Resp: 304369
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 50.4 33.1 73.1

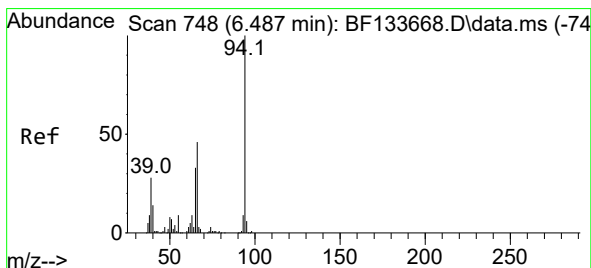
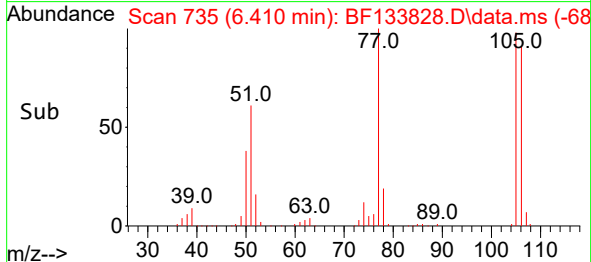
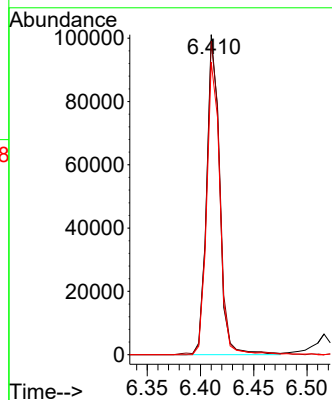
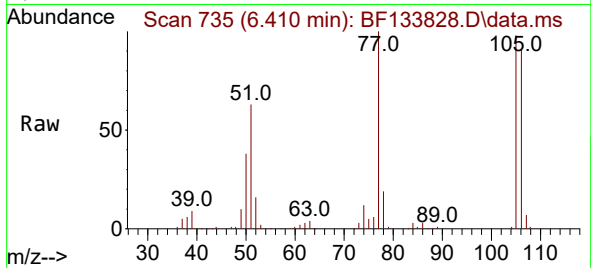




#9
Benzaldehyde
Concen: 15.761 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

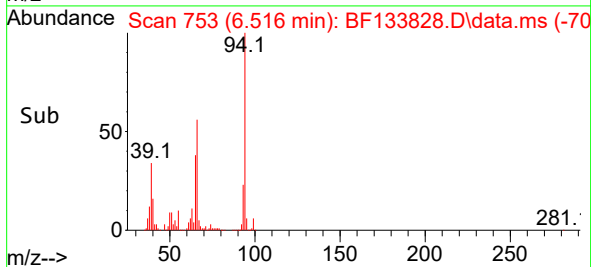
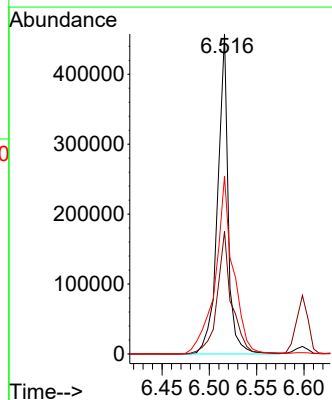
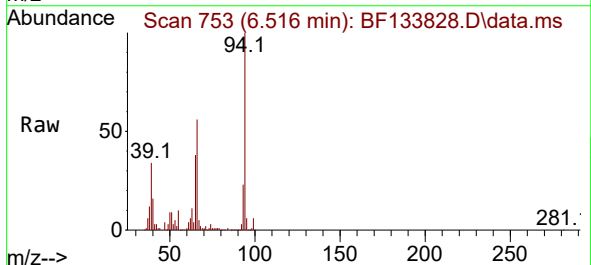
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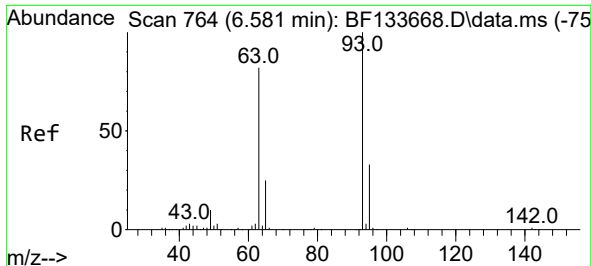
Tgt Ion: 77 Resp: 85771
Ion Ratio Lower Upper
77 100
105 98.0 82.0 122.0
106 91.4 77.6 117.6



#10
Phenol
Concen: 41.638 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF133828.D
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Tgt Ion: 94 Resp: 356621
Ion Ratio Lower Upper
94 100
65 38.3 13.2 53.2
66 55.5 26.1 66.1

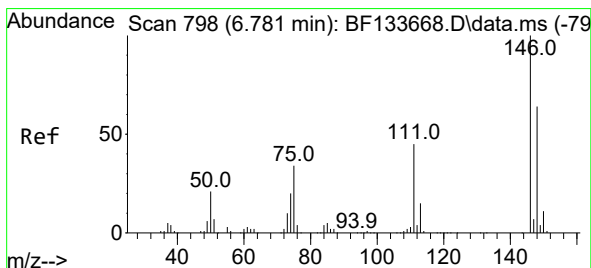
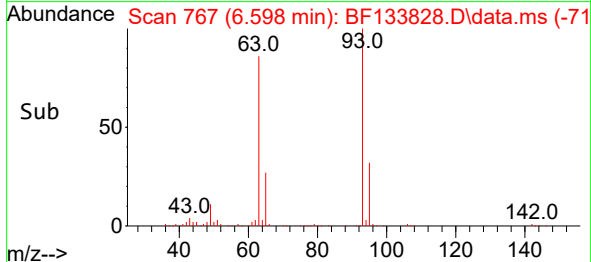
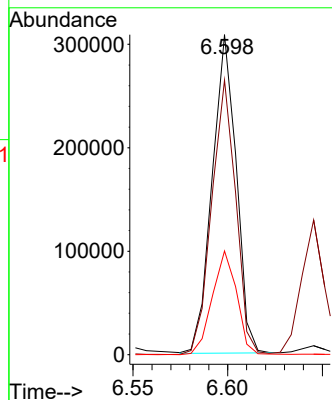
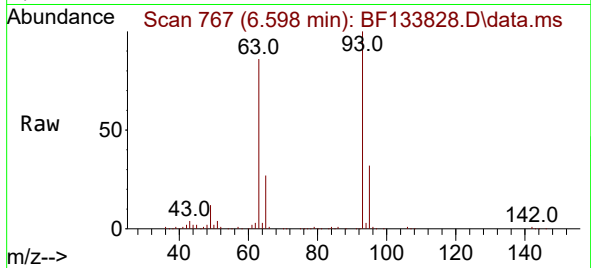




#11
bis(2-Chloroethyl)ether
Concen: 42.709 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

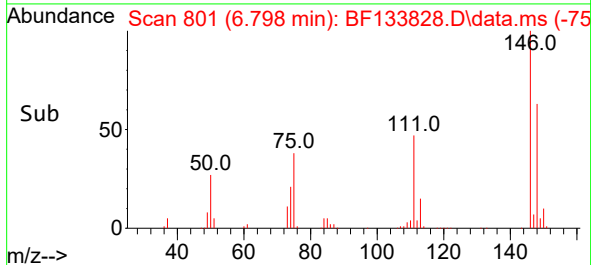
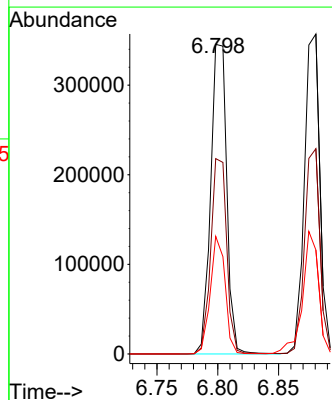
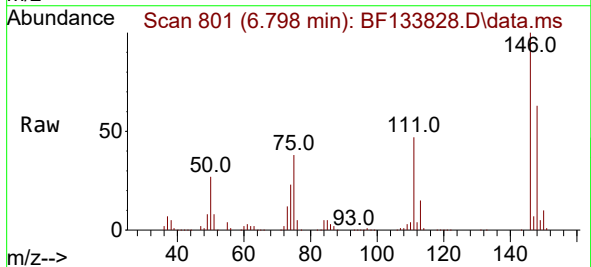
Instrument :
BNA_F
ClientSampleId :
PB153132BS

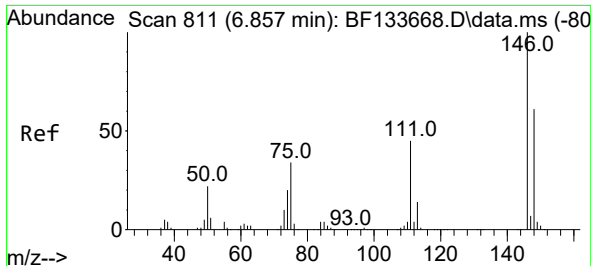
Tgt Ion: 93 Resp: 271565
Ion Ratio Lower Upper
93 100
63 85.8 62.1 102.1
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 44.861 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:146 Resp: 318300
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 38.0 27.1 40.7

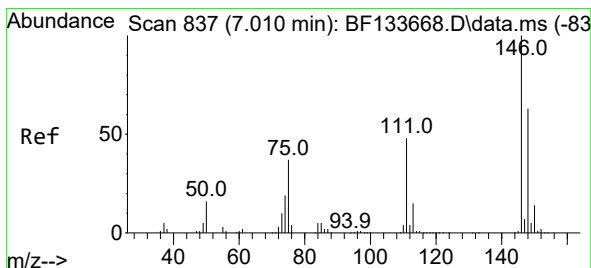
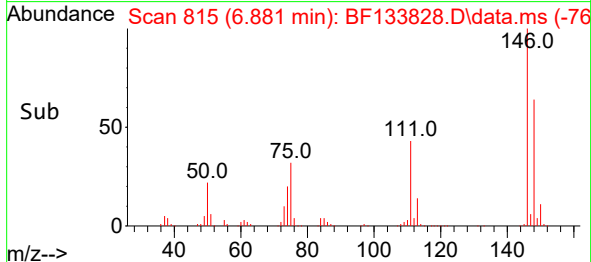
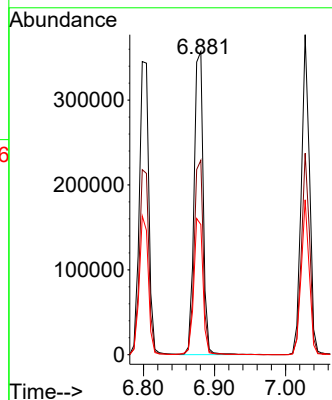
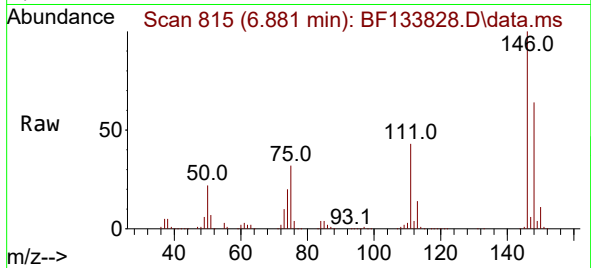




#13
1,4-Dichlorobenzene
Concen: 44.529 ng
RT: 6.881 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

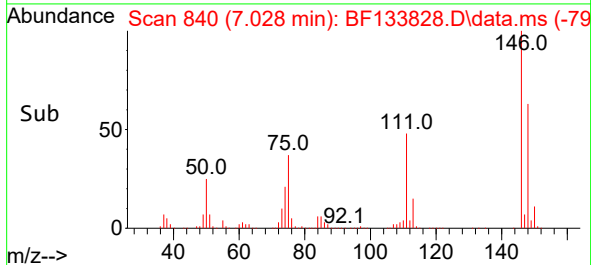
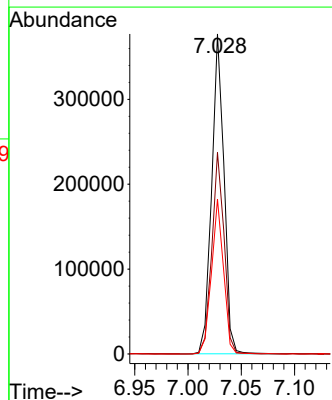
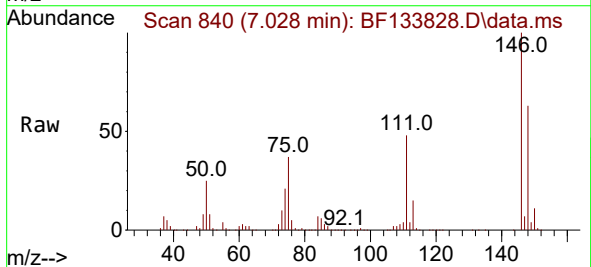
Instrument :
BNA_F
ClientSampleId :
PB153132BS

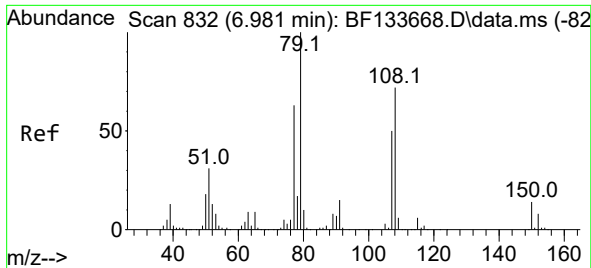
Tgt Ion:146 Resp: 319333
Ion Ratio Lower Upper
146 100
148 64.2 48.9 73.3
111 42.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 46.801 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:146 Resp: 303267
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
111 48.4 38.7 58.1

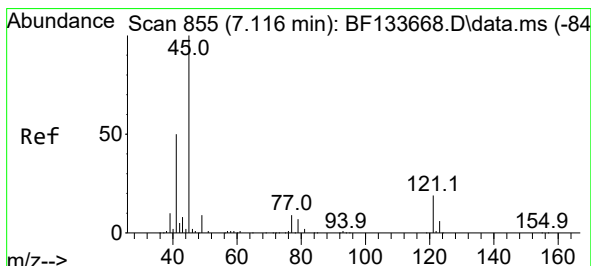
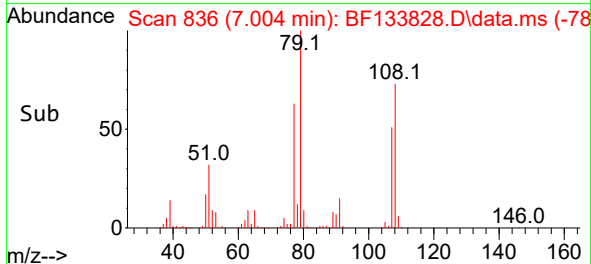
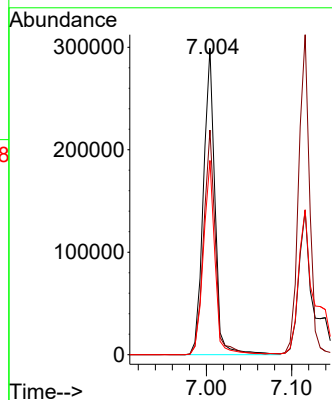
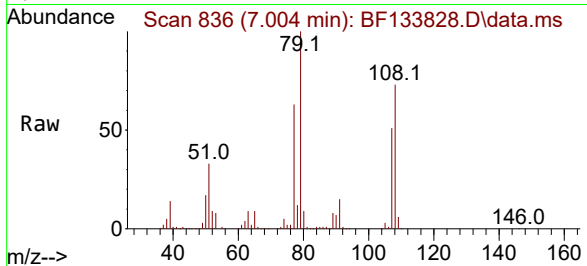




#15
Benzyl Alcohol
Concen: 43.982 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

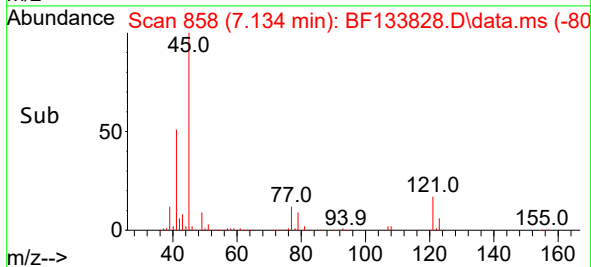
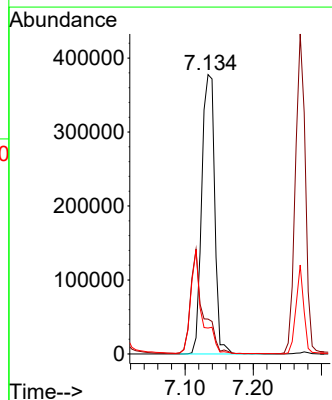
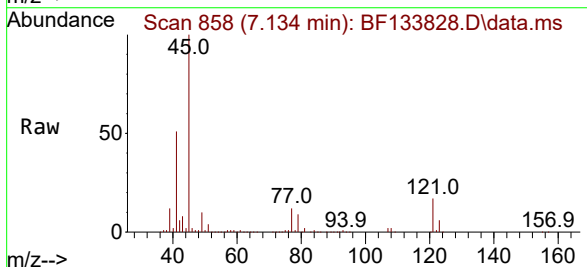
Instrument :
BNA_F
ClientSampleId :
PB153132BS

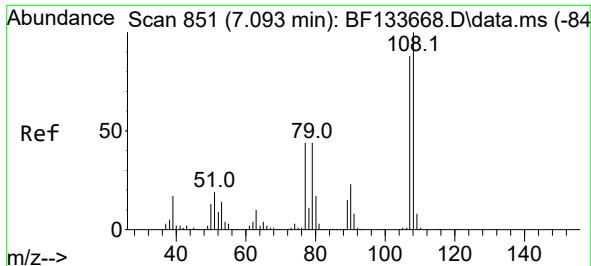
Tgt Ion: 79 Resp: 281766
Ion Ratio Lower Upper
79 100
108 73.3 57.9 86.9
77 63.4 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.073 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

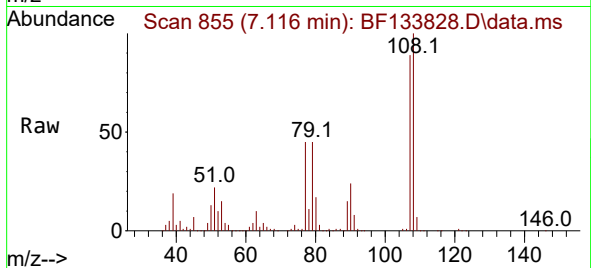
Tgt Ion: 45 Resp: 496607
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.3 0.0 29.4



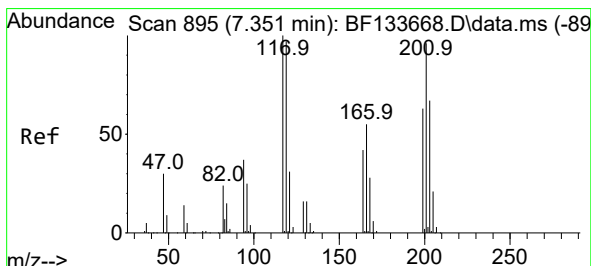
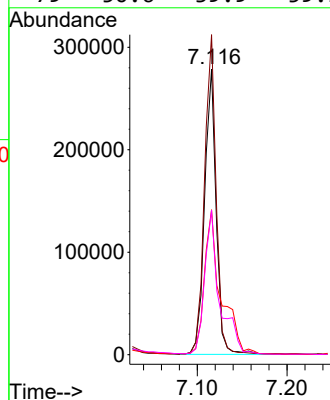
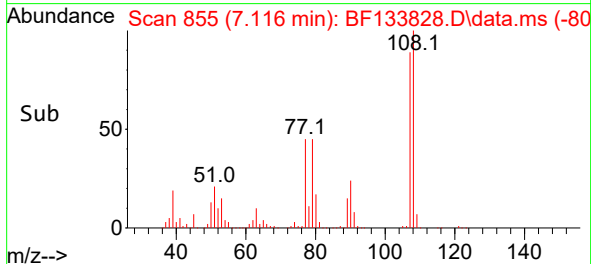


#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

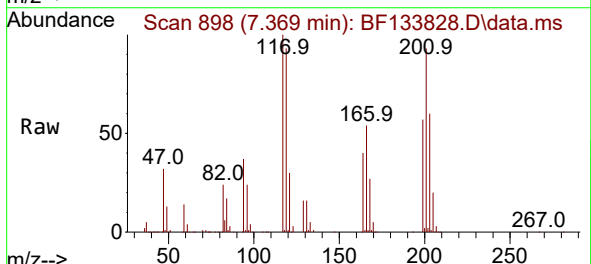
Instrument :
BNA_F
ClientSampleId :
PB153132BS



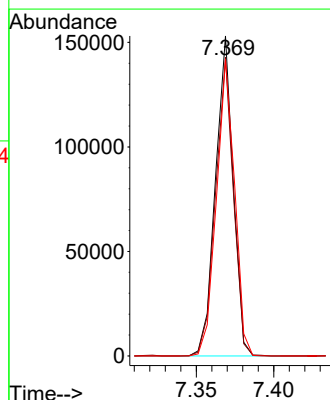
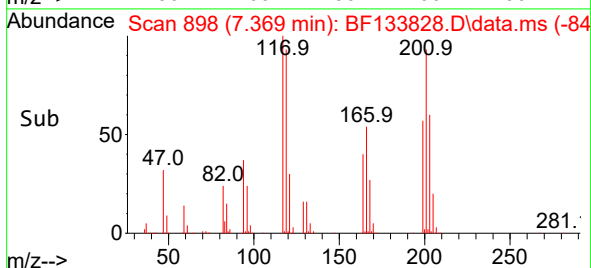
Tgt Ion:	107	Resp:	250069
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.9	136.3
77	50.7	39.8	59.6
79	50.6	39.9	59.9

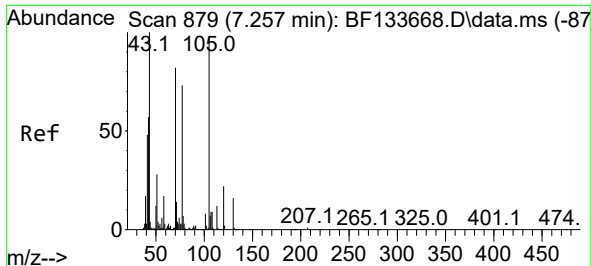


#18
Hexachloroethane
Concen: 49.758 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:	117	Resp:	122159
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.3	115.9
201	92.7	76.8	115.2



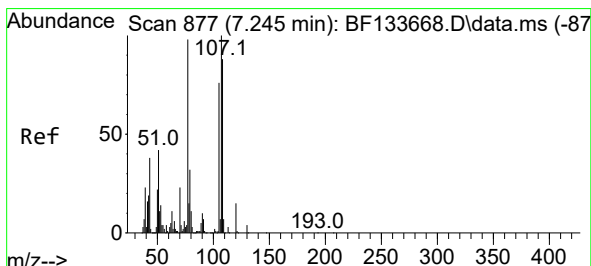
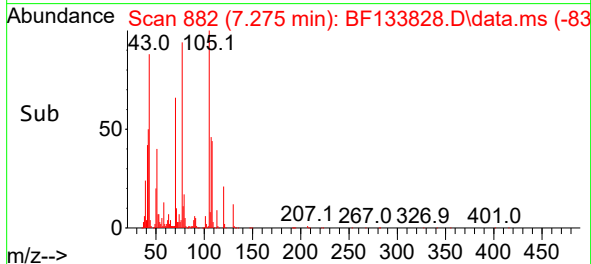
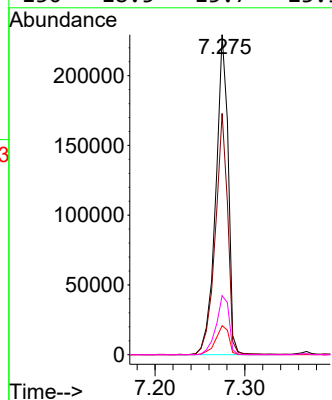
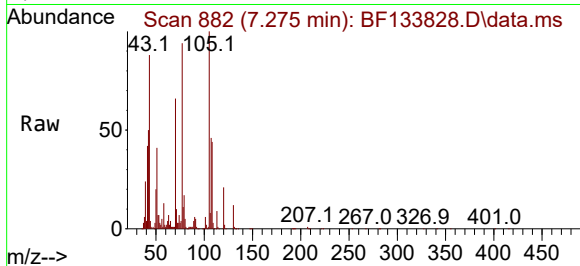


#19
n-Nitroso-di-n-propylamine
Concen: 42.288 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :
BNA_F
ClientSampleId :
PB153132BS

Tgt Ion: 70 Resp: 220689

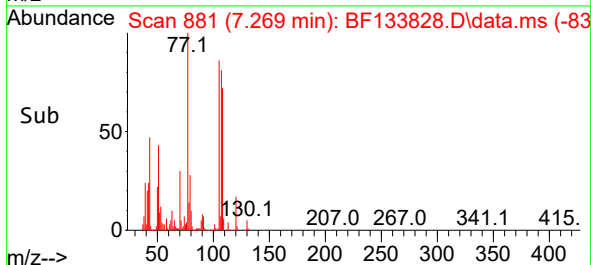
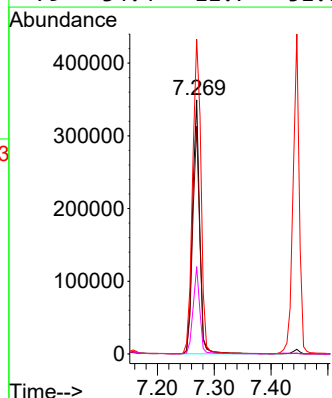
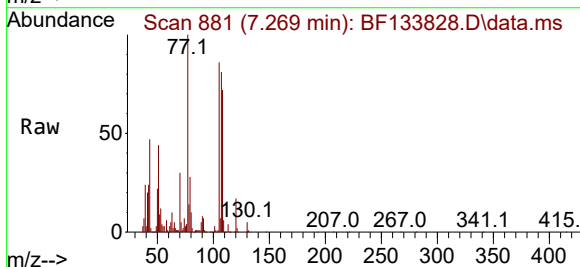
Ion	Ratio	Lower	Upper
70	100		
42	75.4	55.8	83.8
101	9.0	8.1	12.1
130	18.5	15.7	23.5

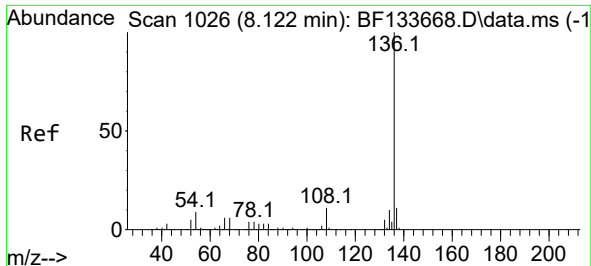


#20
3+4-Methylphenols
Concen: 39.609 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 107 Resp: 303283

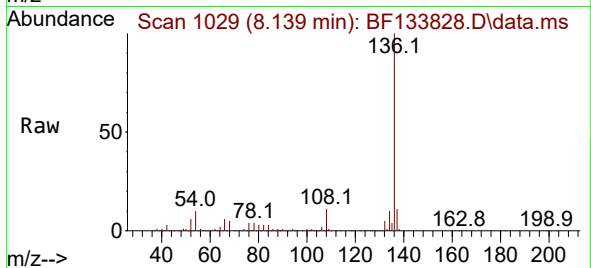
Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.9	107.9
77	123.8	77.7	117.7#
79	34.4	11.7	51.7



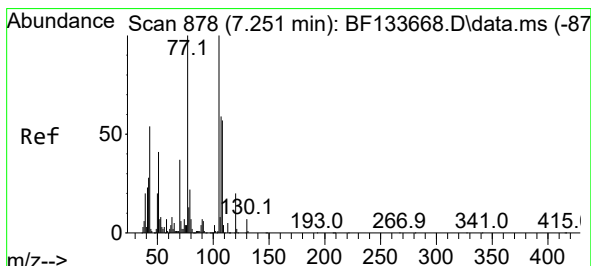
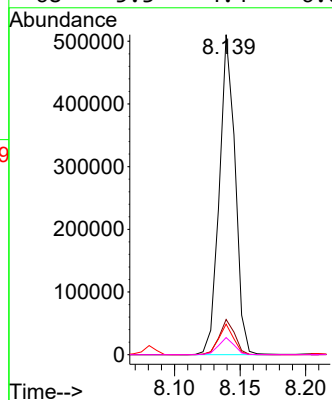
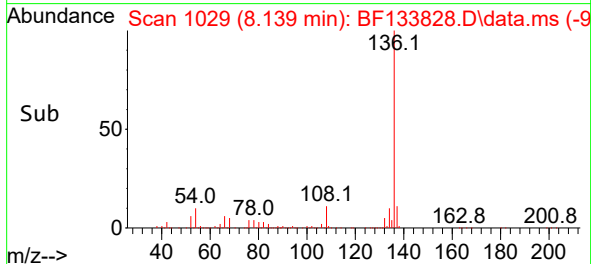


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

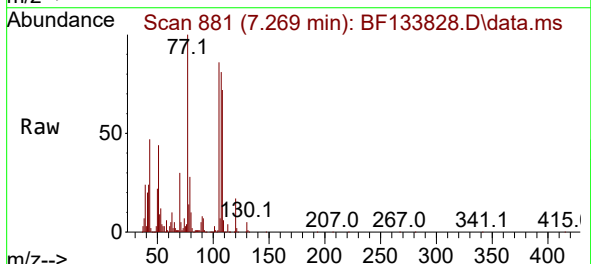
Instrument :
BNA_F
ClientSampleId :
PB153132BS



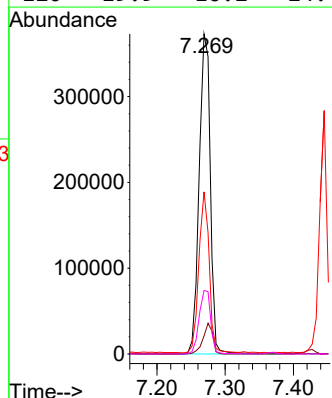
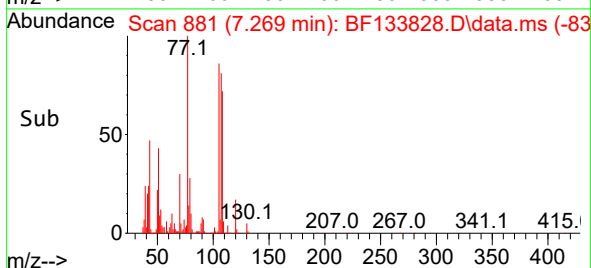
Tgt Ion:136 Resp: 427084
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.4 11.0
68 5.3 4.4 6.6

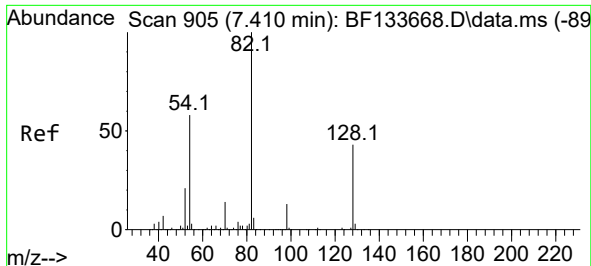


#22
Acetophenone
Concen: 43.364 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:105 Resp: 424769
Ion Ratio Lower Upper
105 100
71 5.7 4.8 7.2
51 50.7 33.0 49.4#
120 19.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 80.077 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

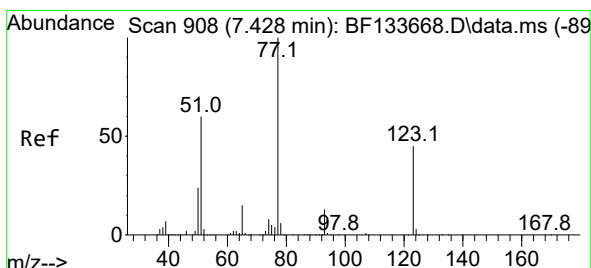
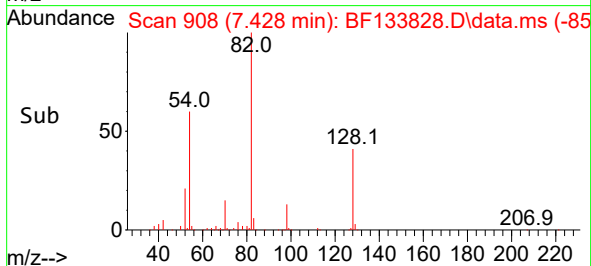
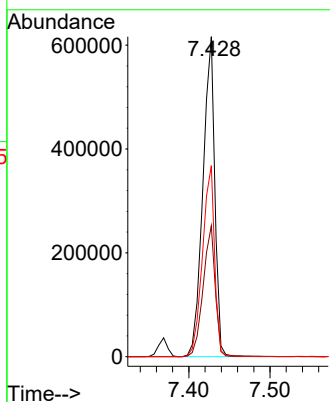
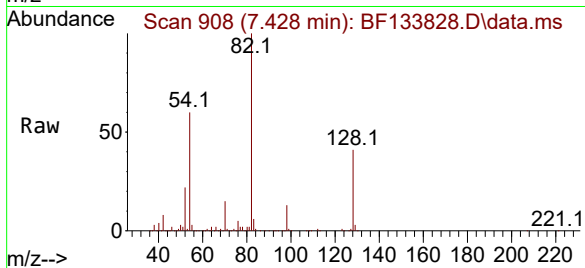
Tgt Ion: 82 Resp: 627900

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.2

54 59.7 46.5 69.7



#24

Nitrobenzene

Concen: 41.949 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

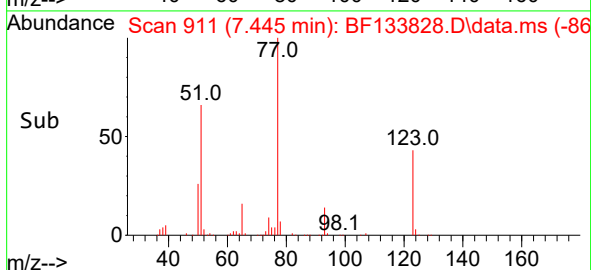
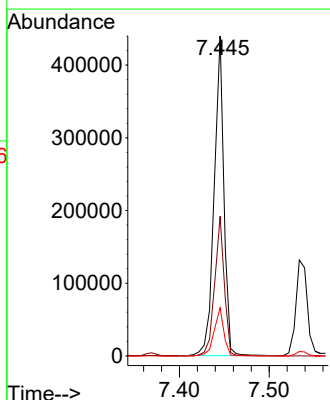
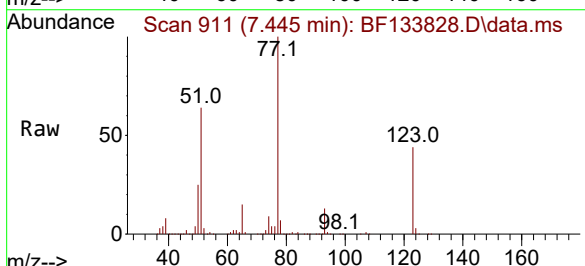
Tgt Ion: 77 Resp: 331213

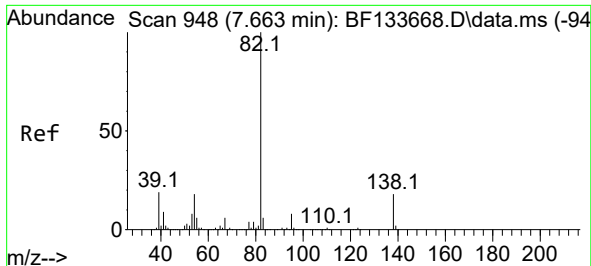
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

65 15.0 11.6 17.4

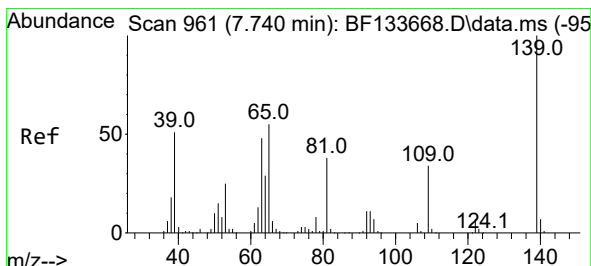
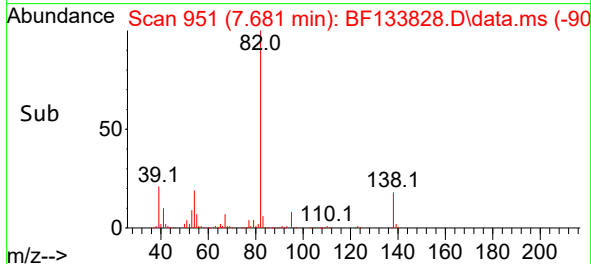
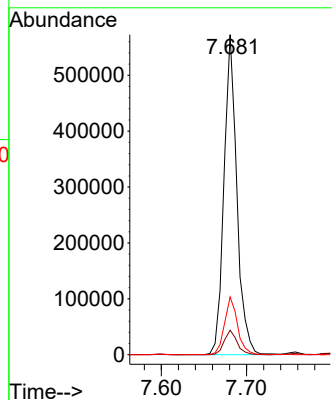
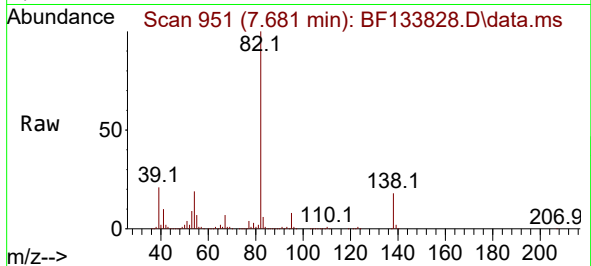




#25
Isophorone
Concen: 41.777 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

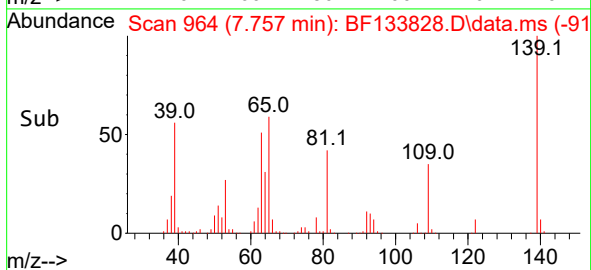
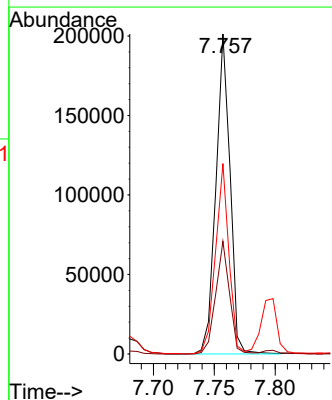
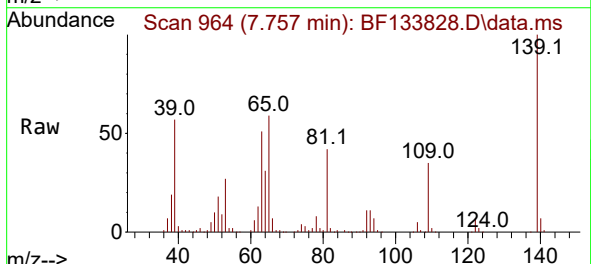
Instrument :
BNA_F
ClientSampleId :
PB153132BS

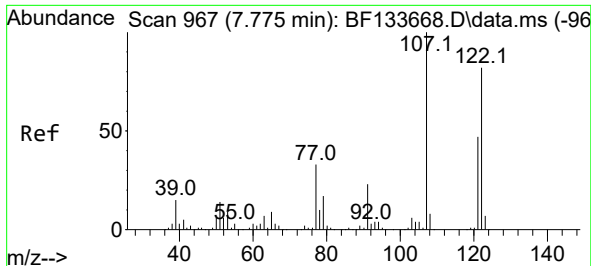
Tgt Ion: 82 Resp: 601405
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 45.782 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:139 Resp: 162226
Ion Ratio Lower Upper
139 100
109 35.2 27.0 40.6
65 59.5 44.2 66.4

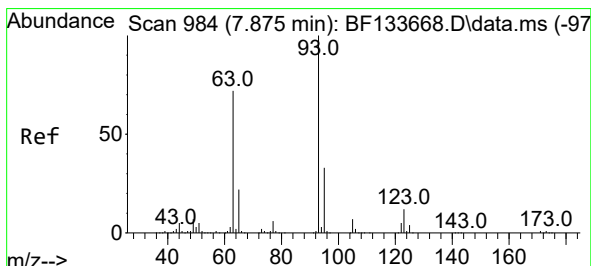
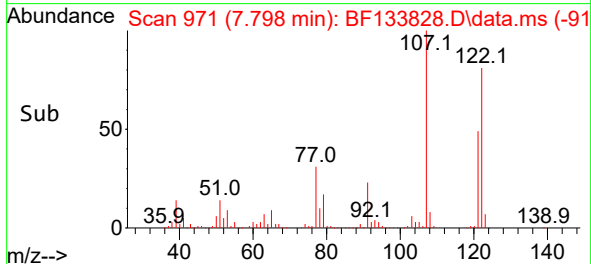
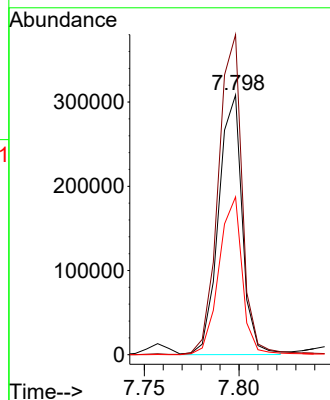
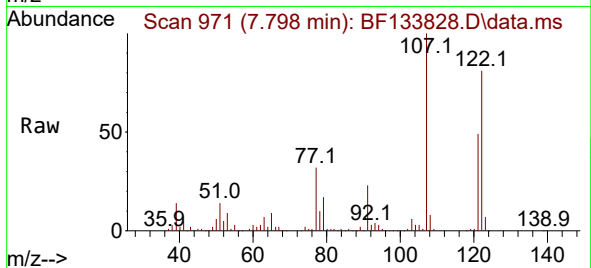




#27
2,4-Dimethylphenol
Concen: 43.856 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

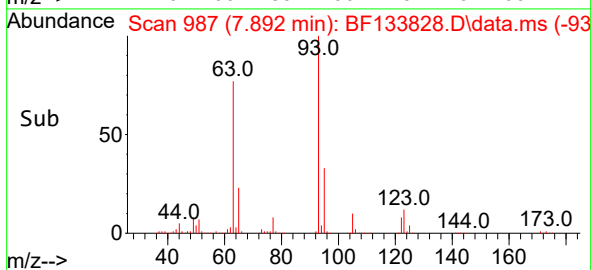
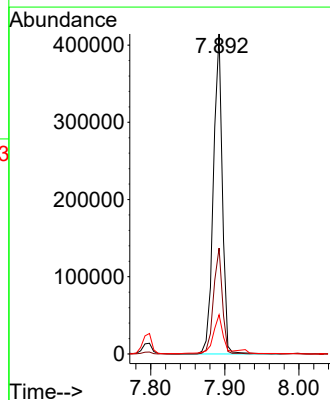
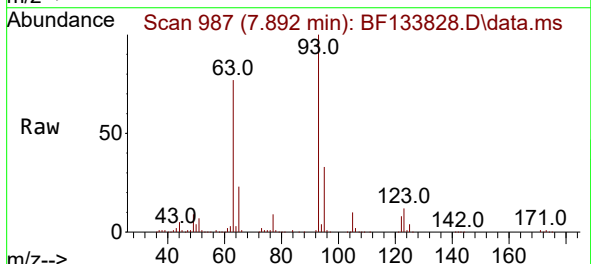
Instrument :
BNA_F
ClientSampleId :
PB153132BS

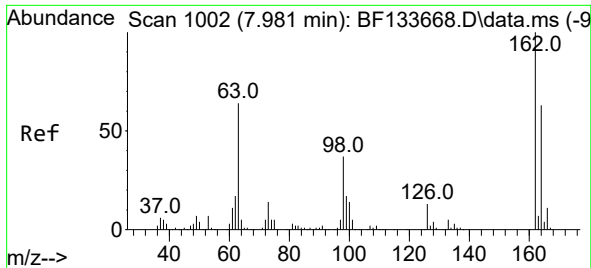
Tgt Ion:122 Resp: 267850
Ion Ratio Lower Upper
122 100
107 123.2 97.8 146.6
121 60.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.749 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 93 Resp: 347359
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.905 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

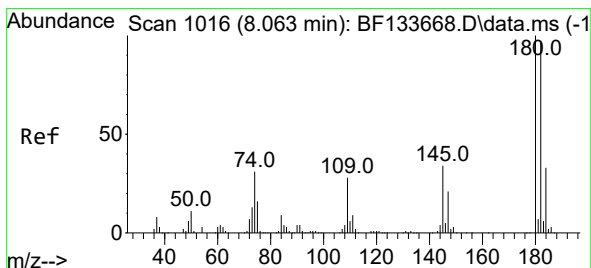
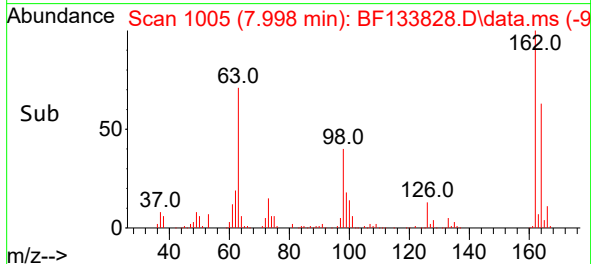
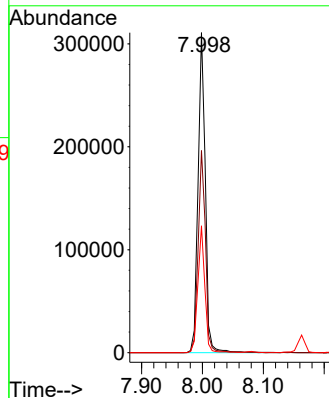
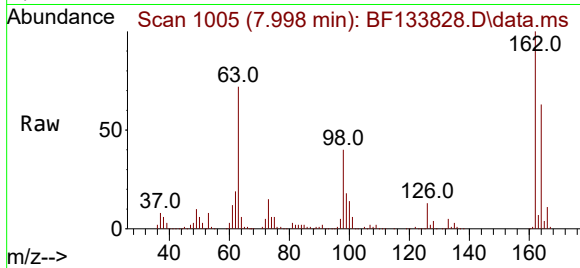
Tgt Ion:162 Resp: 256824

Ion Ratio Lower Upper

162 100

164 63.2 43.4 83.4

98 39.6 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 42.633 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

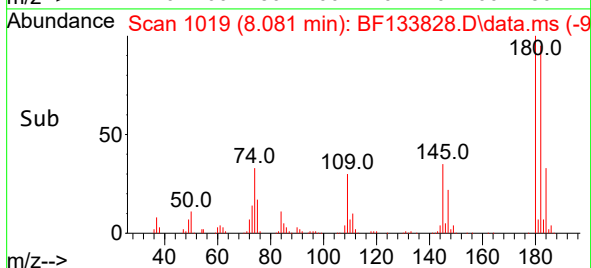
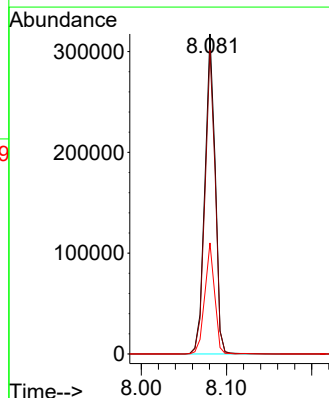
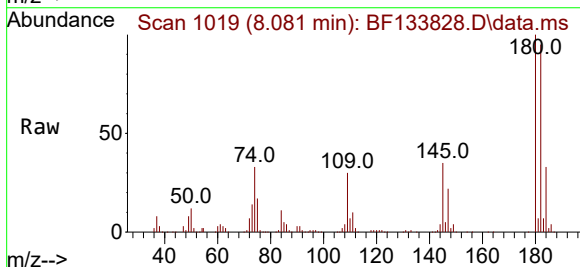
Tgt Ion:180 Resp: 266250

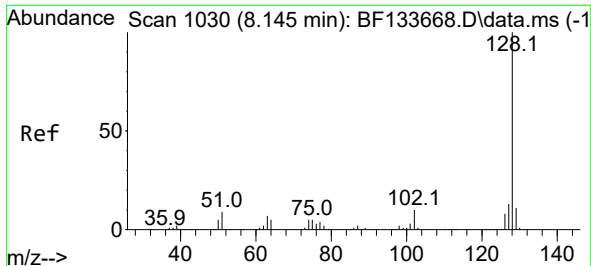
Ion Ratio Lower Upper

180 100

182 95.1 77.8 116.8

145 34.7 27.0 40.4

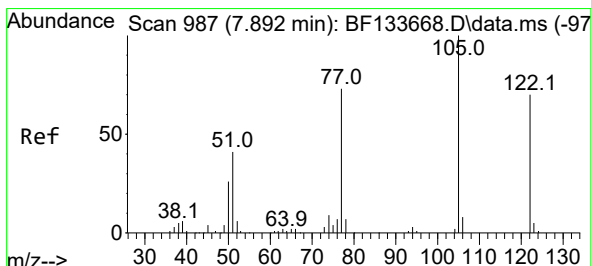
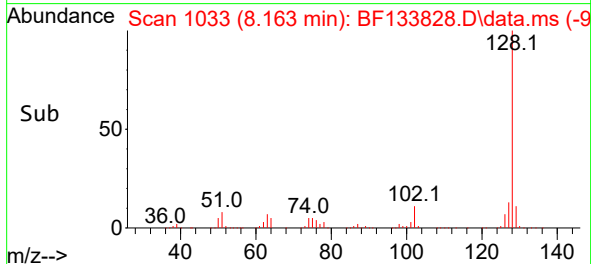
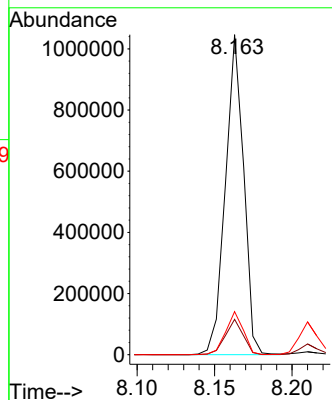
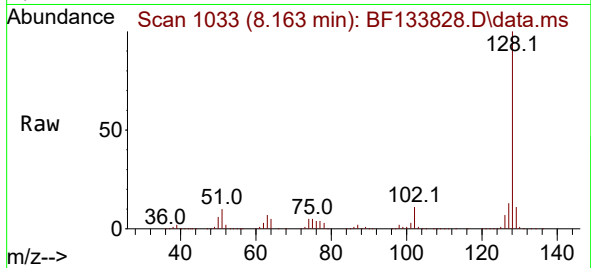




#31
Naphthalene
Concen: 41.109 ng
RT: 8.163 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

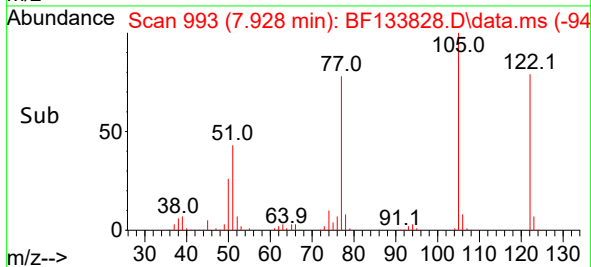
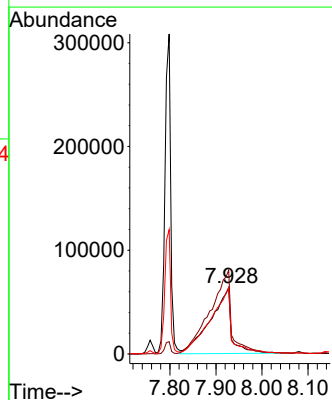
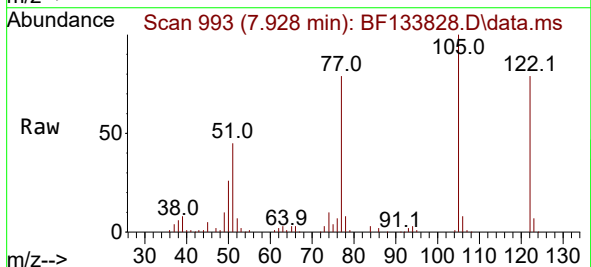
Instrument :
BNA_F
ClientSampleId :
PB153132BS

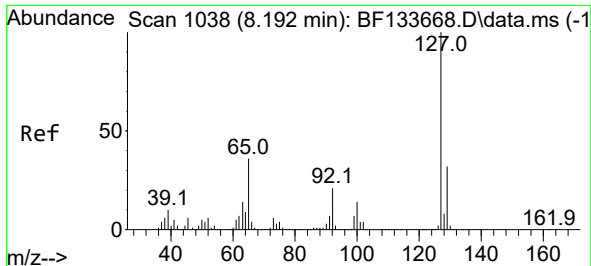
Tgt Ion:128 Resp: 855367
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 53.332 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:122 Resp: 205429
Ion Ratio Lower Upper
122 100
105 126.5 116.3 156.3
77 100.2 82.4 122.4

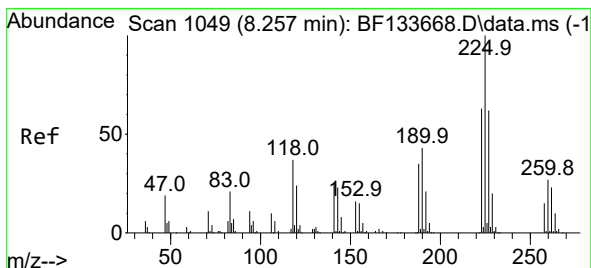
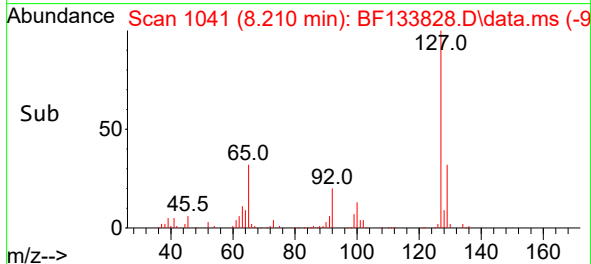
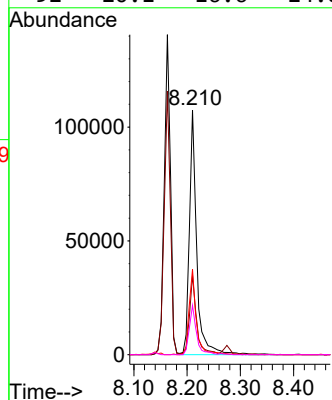
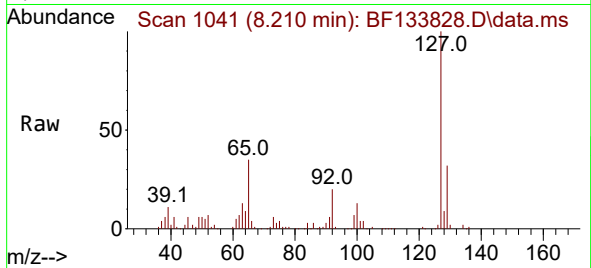




#33
4-Chloroaniline
Concen: 11.615 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

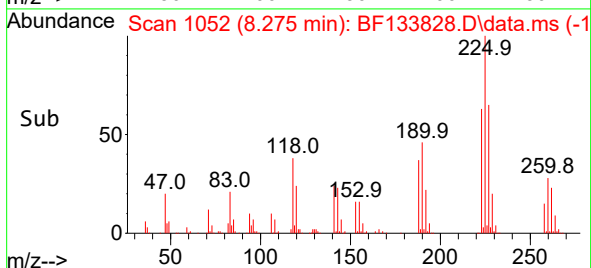
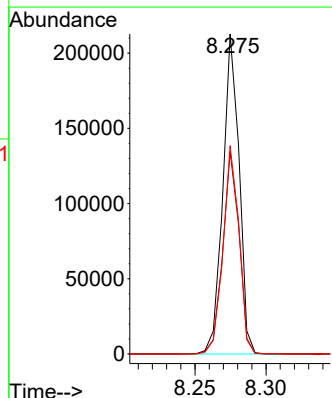
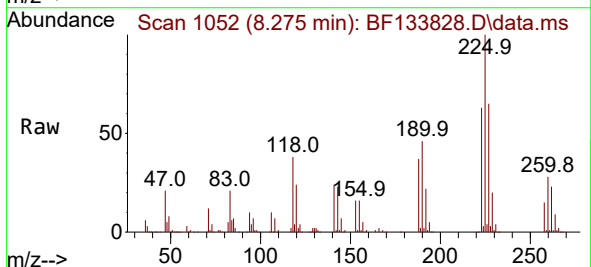
Instrument :
BNA_F
ClientSampleId :
PB153132BS

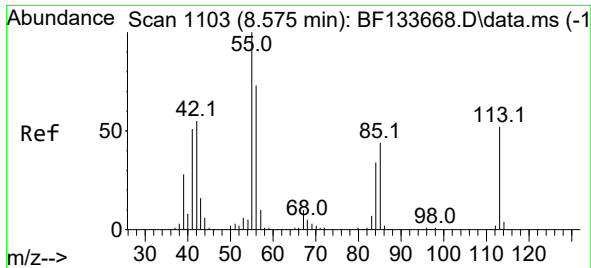
Tgt Ion:127	Resp: 103338
Ion Ratio	Lower Upper
127 100	
129 32.5	25.6 38.4
65 34.9	28.9 43.3
92 20.1	16.6 24.8



#34
Hexachlorobutadiene
Concen: 41.215 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:225	Resp: 168525
Ion Ratio	Lower Upper
225 100	
223 63.2	50.2 75.4
227 65.1	49.5 74.3

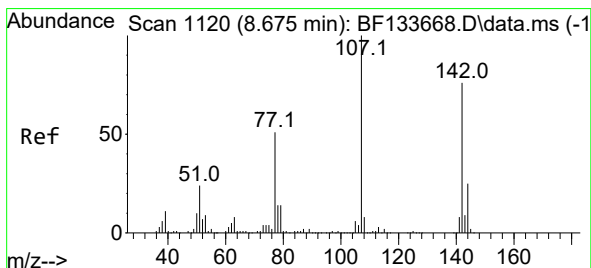
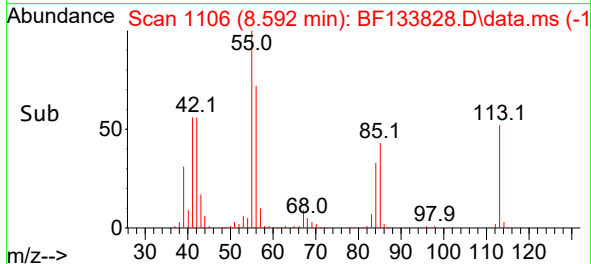
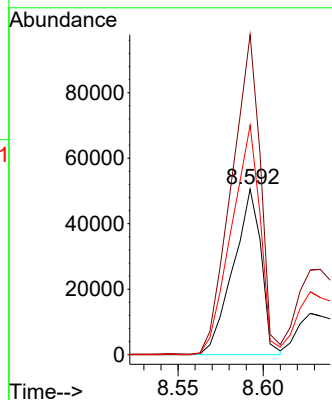
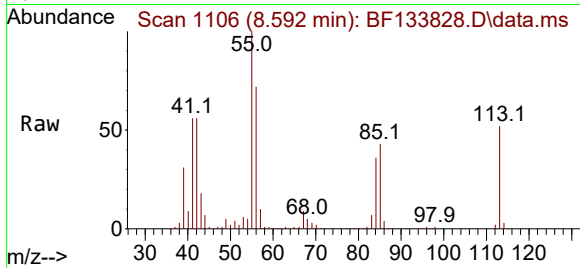




#35
 Caprolactam
 Concen: 28.605 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

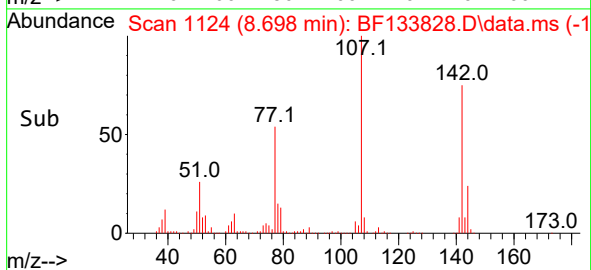
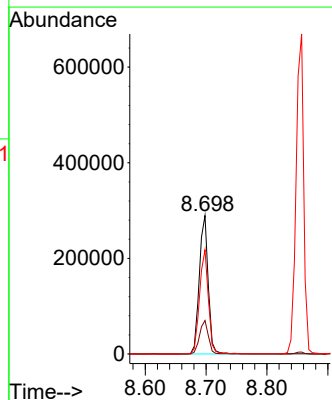
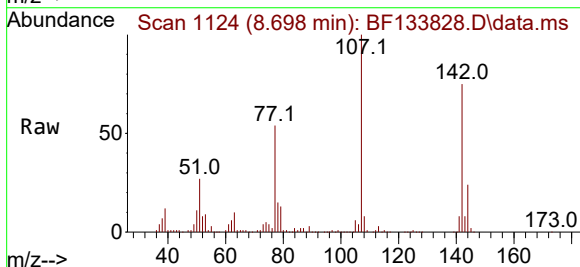
Instrument :
 BNA_F
 ClientSampleId :
 PB153132BS

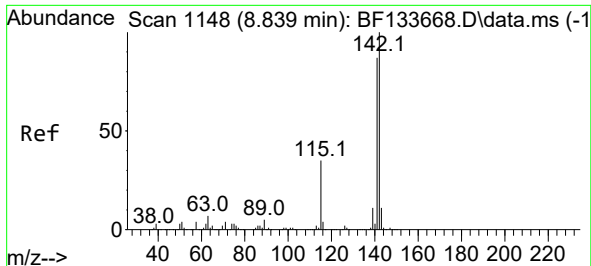
Tgt Ion:113 Resp: 57616
 Ion Ratio Lower Upper
 113 100
 55 193.3 173.3 213.3
 56 138.6 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.921 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Tgt Ion:107 Resp: 296141
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.7 29.5
 142 75.2 61.1 91.7





#37

2-Methylnaphthalene

Concen: 40.238 ng

RT: 8.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

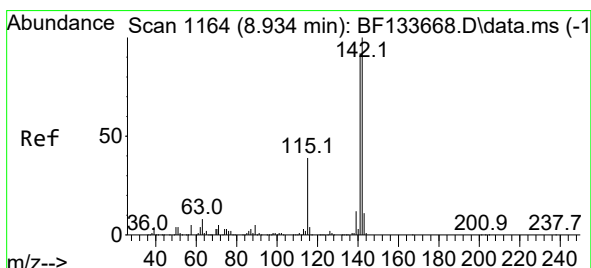
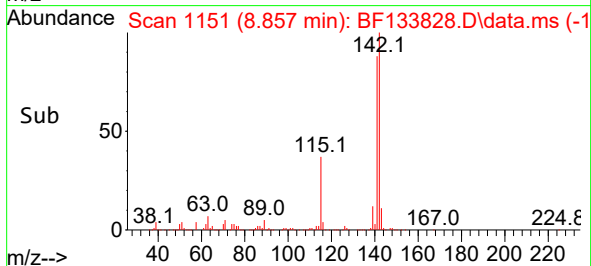
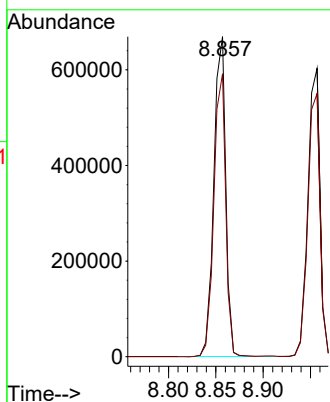
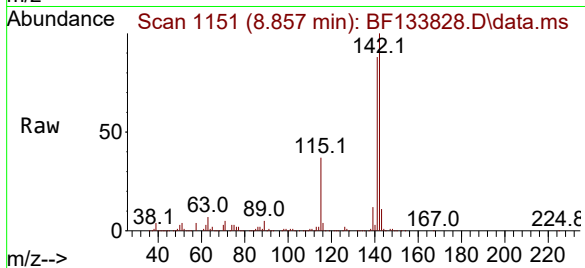
PB153132BS

Tgt Ion:142 Resp: 581736

Ion Ratio Lower Upper

142 100

141 88.4 69.8 104.8



#38

1-Methylnaphthalene

Concen: 40.405 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF133828.D

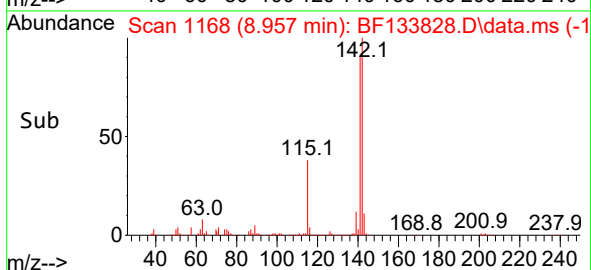
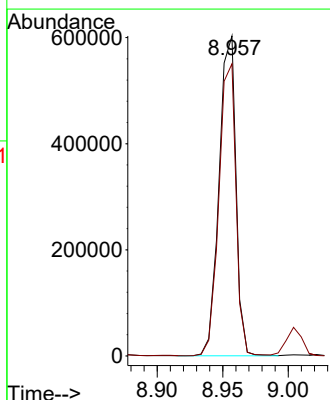
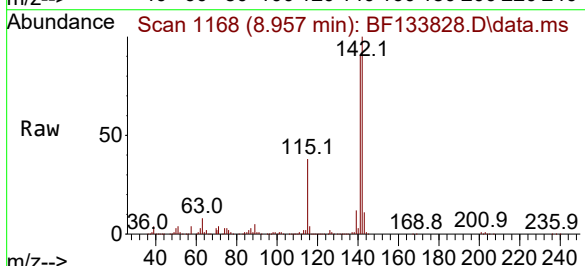
Acq: 19 Jun 2023 11:57

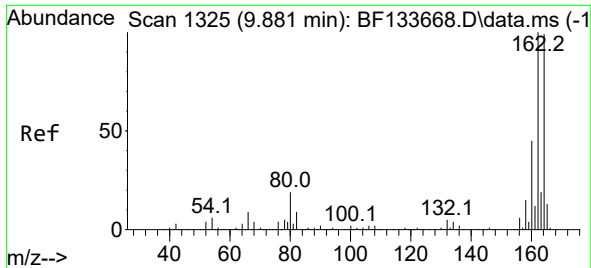
Tgt Ion:142 Resp: 537531

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

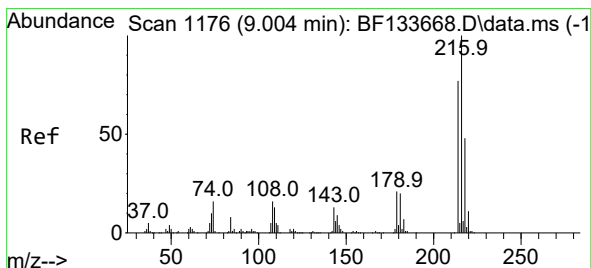
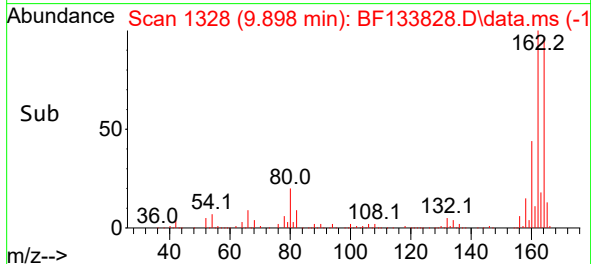
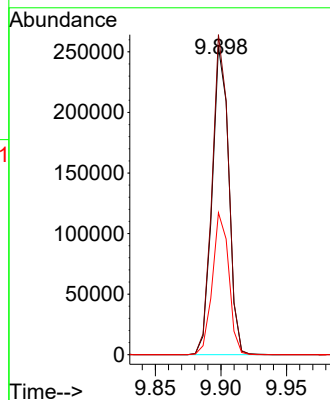
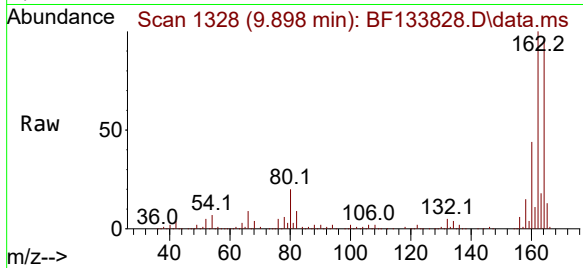
Tgt Ion:164 Resp: 224070

Ion Ratio Lower Upper

164 100

162 103.8 80.8 121.2

160 46.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.476 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Tgt Ion:216 Resp: 275718

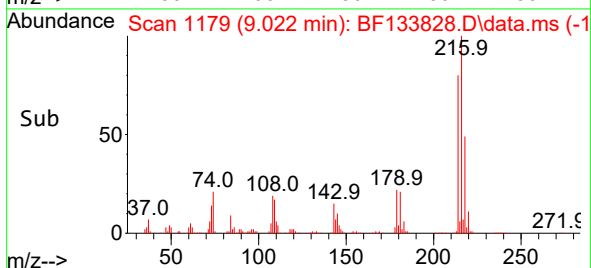
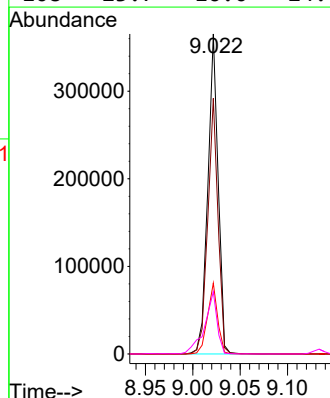
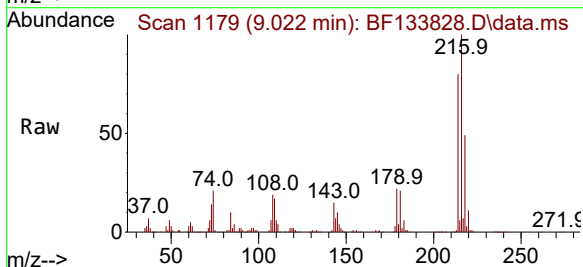
Ion Ratio Lower Upper

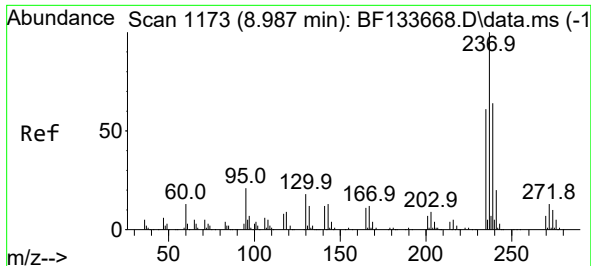
216 100

214 79.2 62.7 94.1

179 21.8 17.6 26.4

108 23.7 16.0 24.0

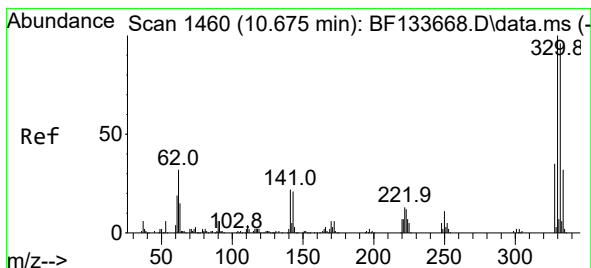
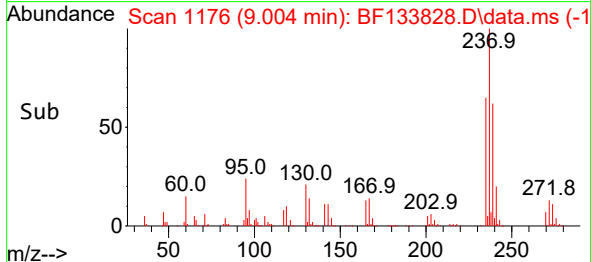
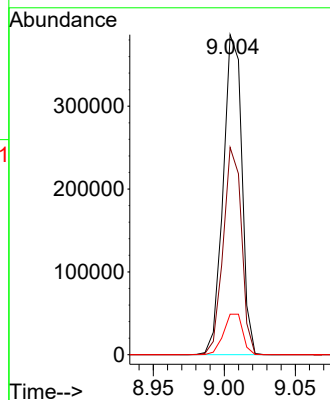
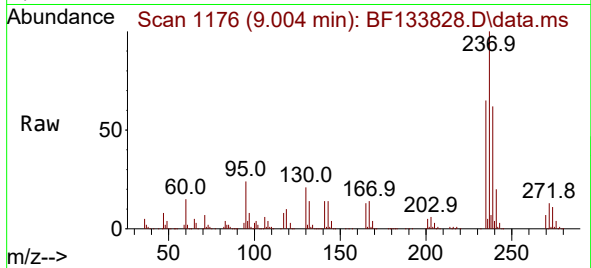




#41
Hexachlorocyclopentadiene
Concen: 116.039 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

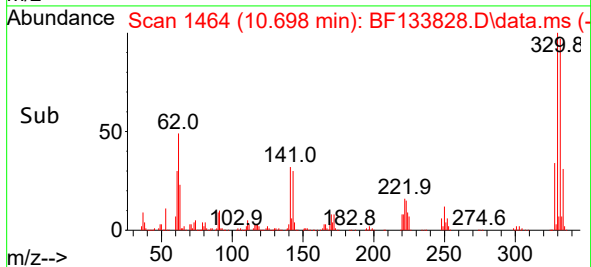
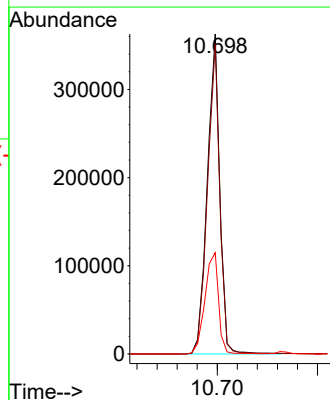
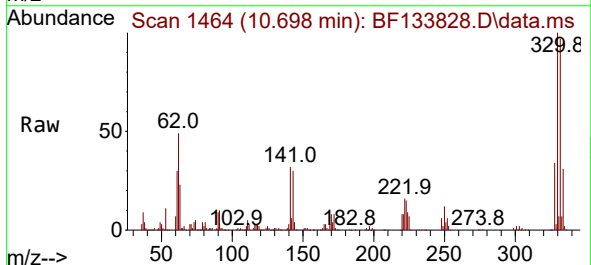
Instrument :
BNA_F
ClientSampleId :
PB153132BS

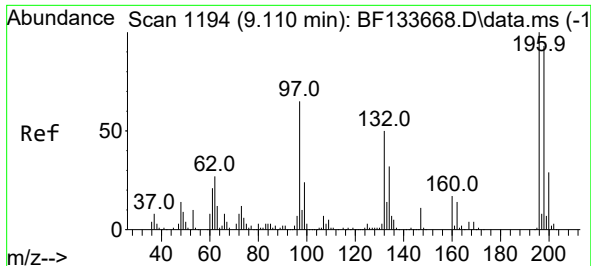
Tgt Ion:237 Resp: 352249
Ion Ratio Lower Upper
237 100
235 64.8 40.6 80.6
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 110.743 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:330 Resp: 314104
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 34.7 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 41.051 ng

RT: 9.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

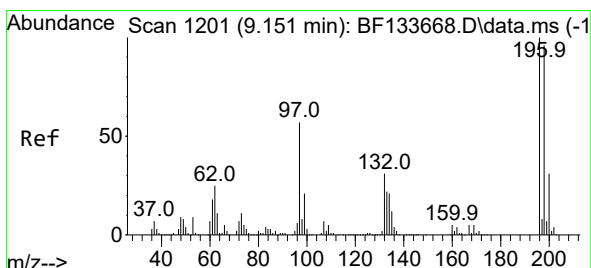
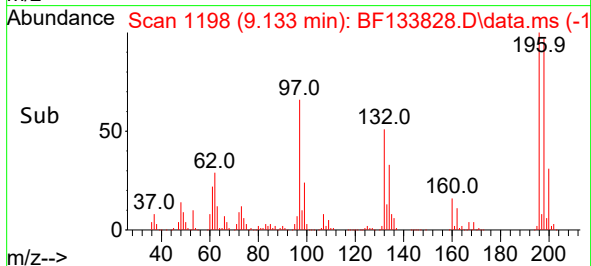
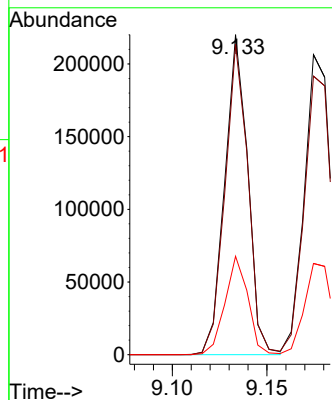
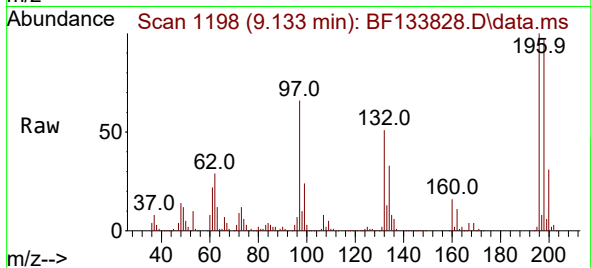
Tgt Ion:196 Resp: 186863

Ion Ratio Lower Upper

196 100

198 97.1 74.5 111.7

200 30.7 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 38.570 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Tgt Ion:196 Resp: 204254

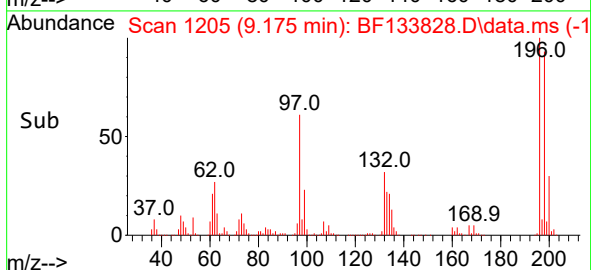
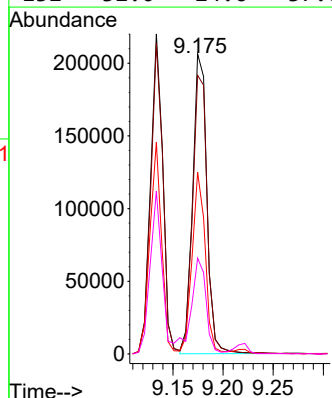
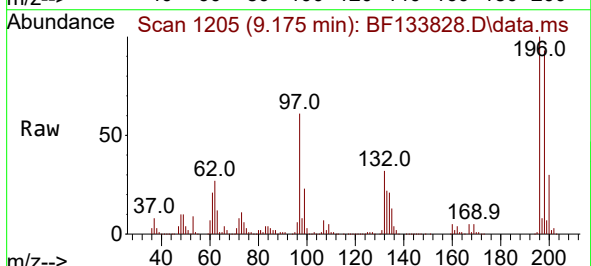
Ion Ratio Lower Upper

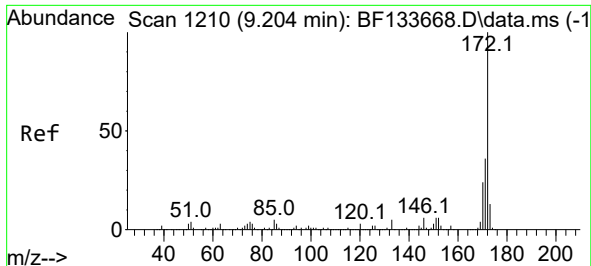
196 100

198 92.9 76.8 115.2

97 60.6 45.4 68.2

132 32.0 24.6 37.0

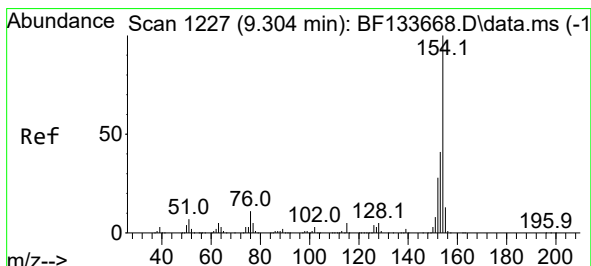
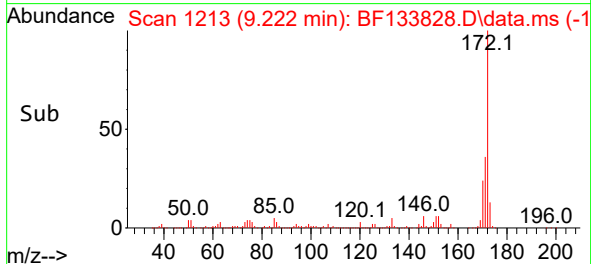
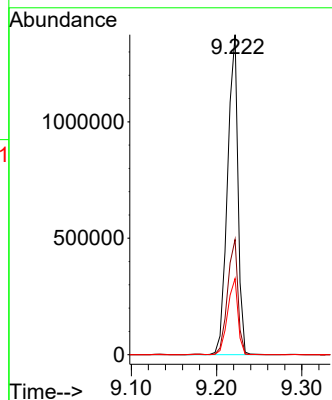
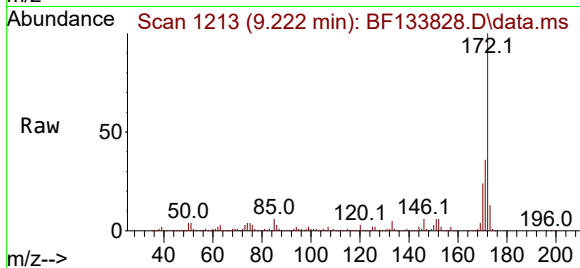




#45
2-Fluorobiphenyl
Concen: 74.426 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

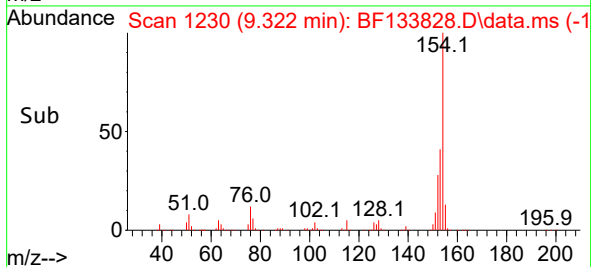
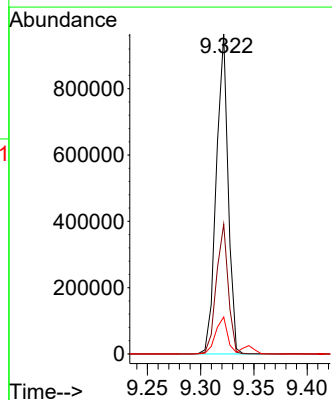
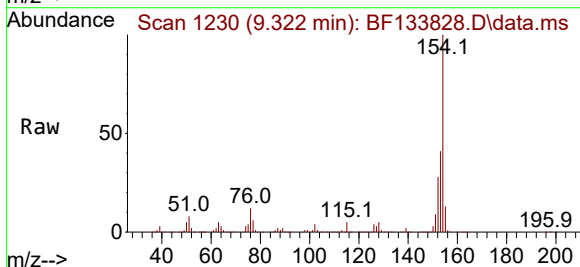
Instrument :
BNA_F
ClientSampleId :
PB153132BS

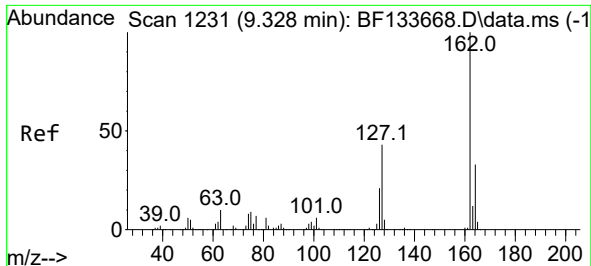
Tgt Ion:172 Resp: 1173155
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.406 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:154 Resp: 748263
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 11.6 0.0 31.0

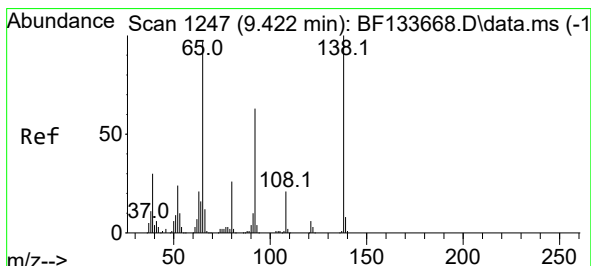
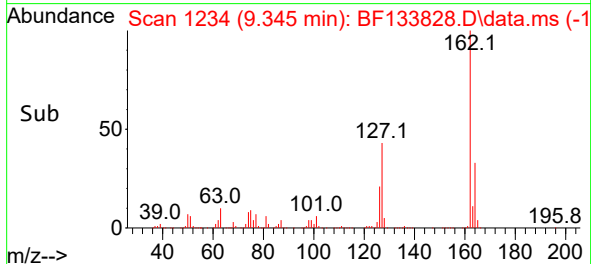
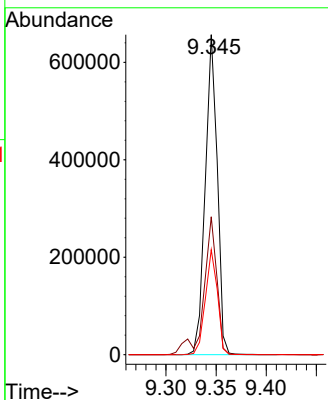
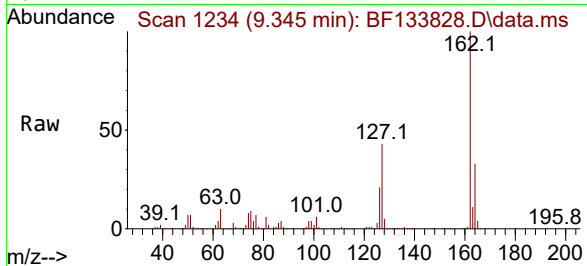




#47
2-Chloronaphthalene
Concen: 42.099 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

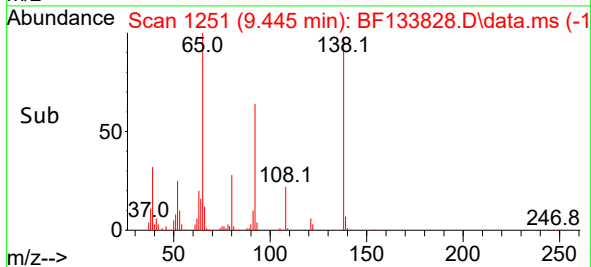
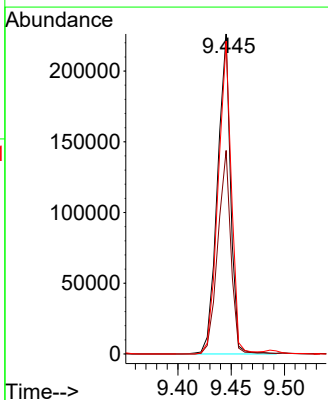
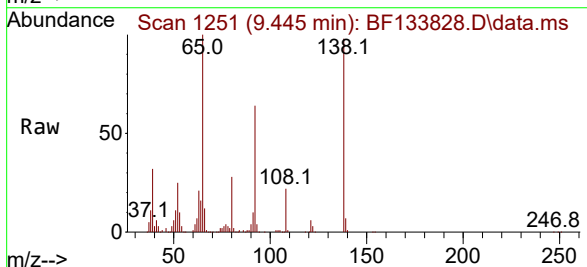
Instrument :
BNA_F
ClientSampleId :
PB153132BS

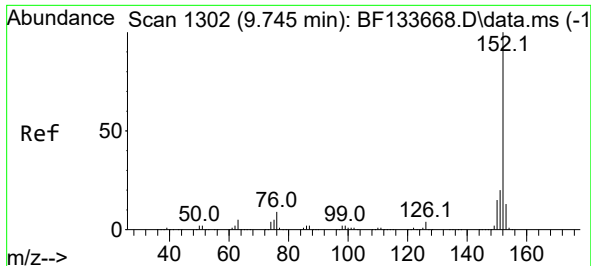
Tgt Ion:162 Resp: 545726
Ion Ratio Lower Upper
162 100
127 43.1 34.6 52.0
164 32.8 26.4 39.6



#48
2-Nitroaniline
Concen: 40.813 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

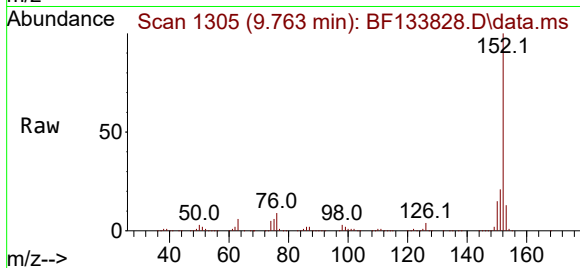
Tgt Ion: 65 Resp: 193490
Ion Ratio Lower Upper
65 100
92 63.6 51.8 77.6
138 97.7 82.1 123.1



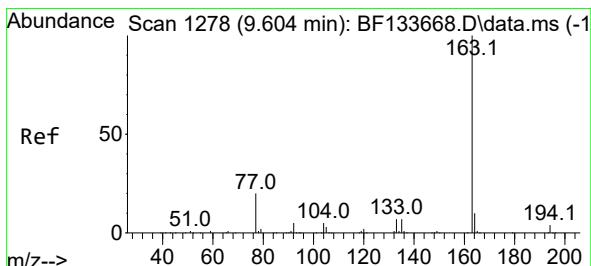
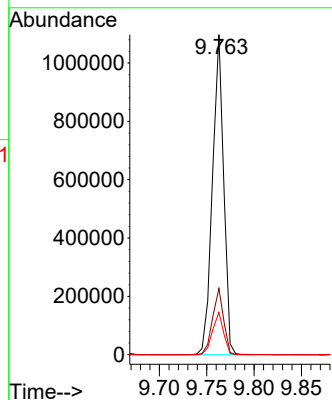
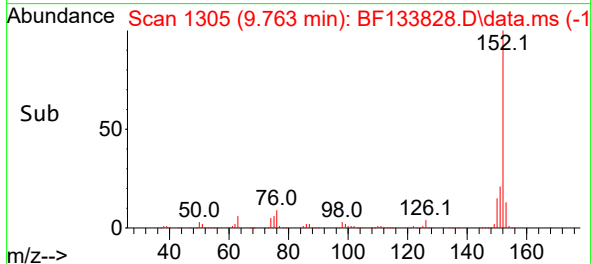


#49
Acenaphthylene
Concen: 39.860 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

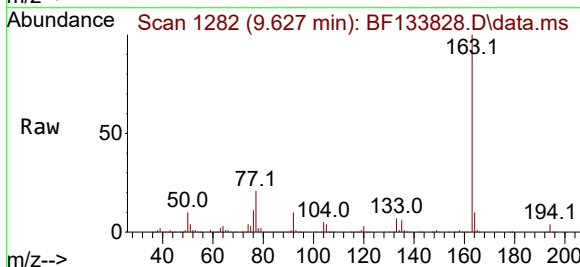
Instrument :
BNA_F
ClientSampleId :
PB153132BS



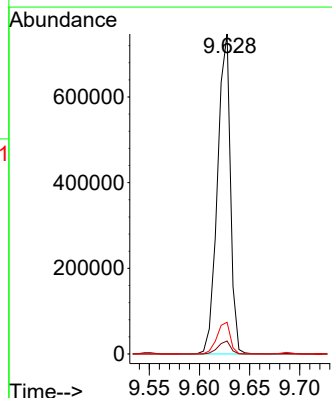
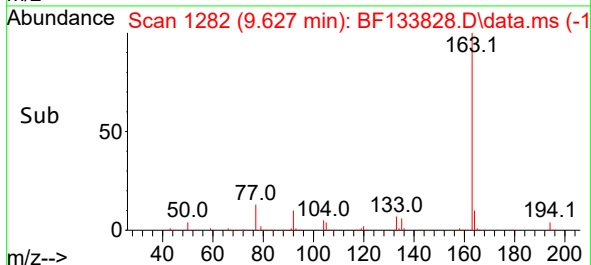
Tgt Ion:152 Resp: 899325
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 10.4 15.6

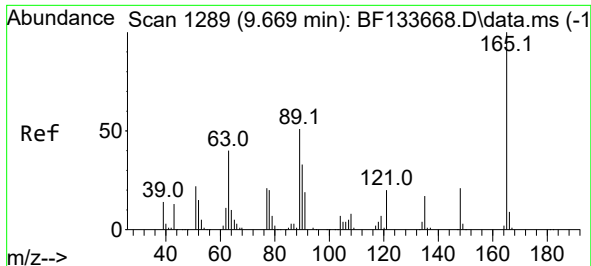


#50
Dimethylphthalate
Concen: 39.962 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:163 Resp: 668375
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.0 12.0

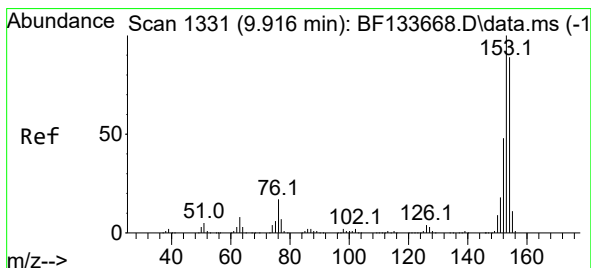
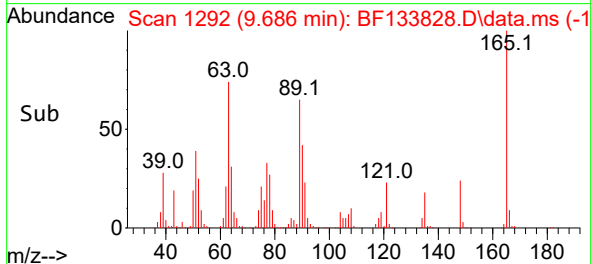
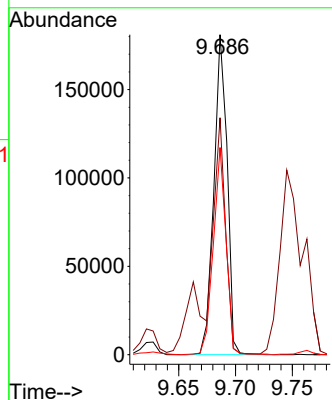
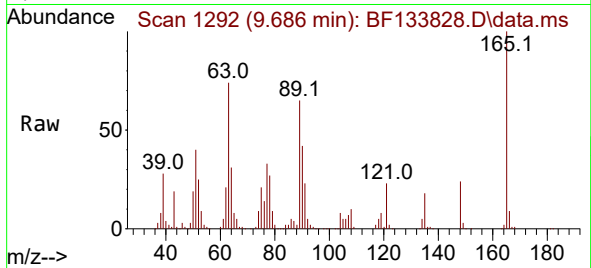




#51
2,6-Dinitrotoluene
Concen: 42.403 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

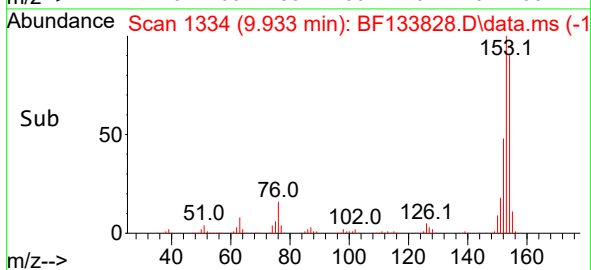
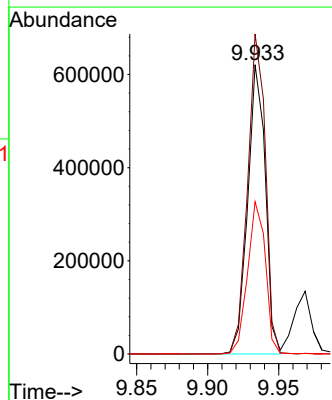
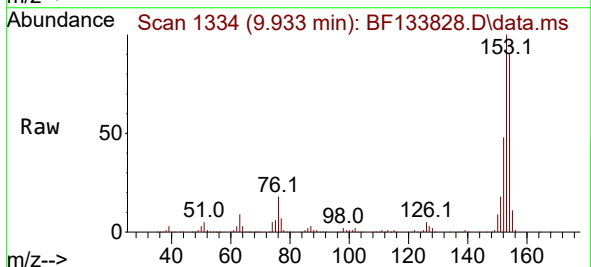
Instrument :
BNA_F
ClientSampleId :
PB153132BS

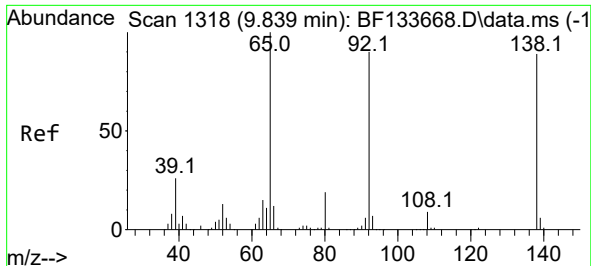
Tgt Ion:165 Resp: 146382
Ion Ratio Lower Upper
165 100
63 74.1 42.1 63.1#
89 64.7 40.9 61.3#



#52
Acenaphthene
Concen: 40.620 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:154 Resp: 536440
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.8
152 52.6 43.4 65.2

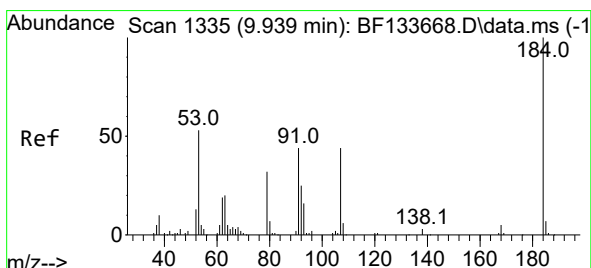
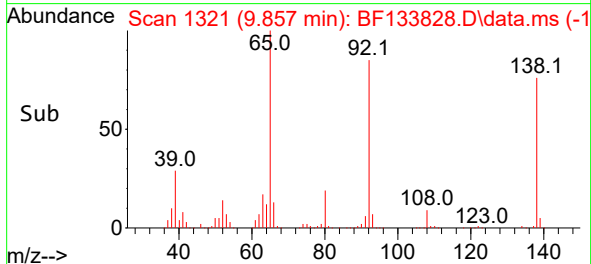
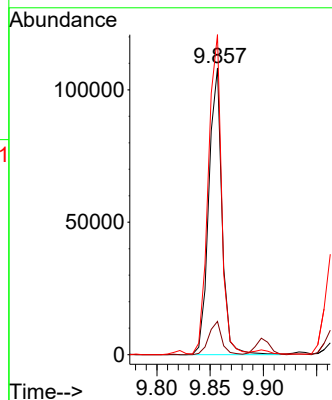
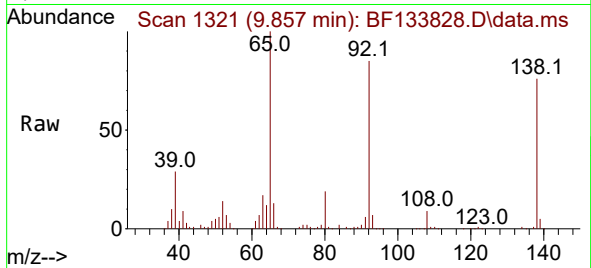




#53
3-Nitroaniline
Concen: 22.216 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

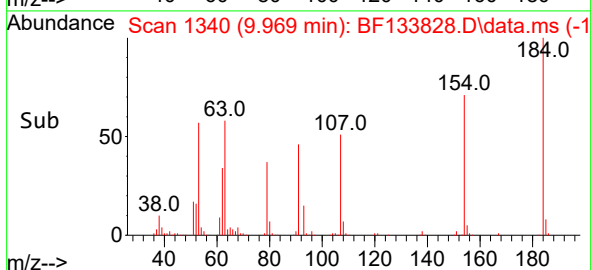
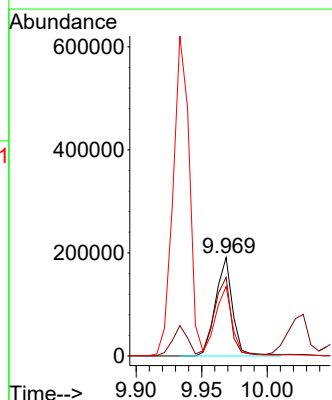
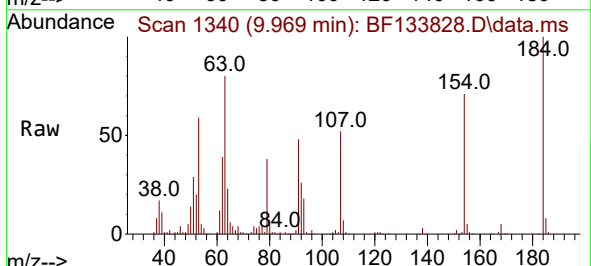
Instrument :
BNA_F
ClientSampleId :
PB153132BS

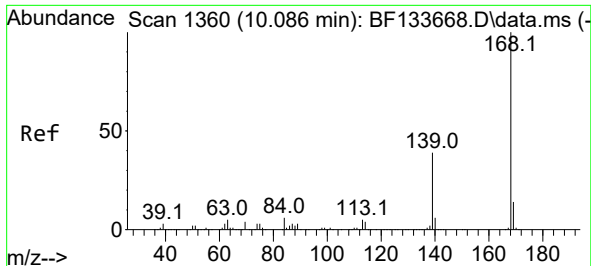
Tgt Ion:138 Resp: 93332
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 111.6 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 101.313 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:184 Resp: 173677
Ion Ratio Lower Upper
184 100
63 79.8 55.3 82.9
154 70.6 51.9 77.9

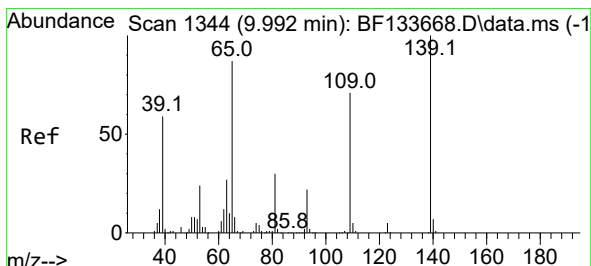
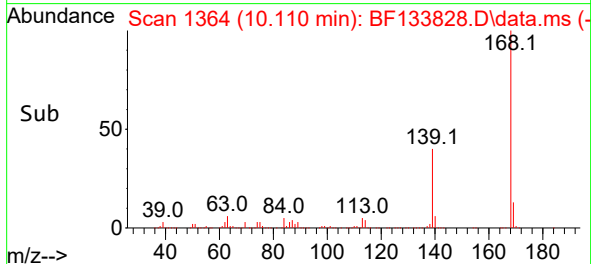
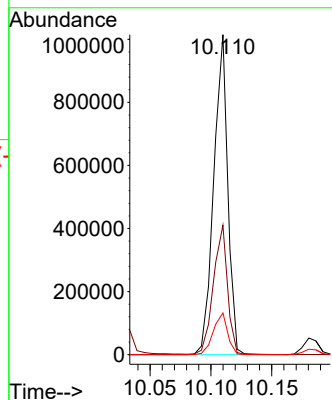
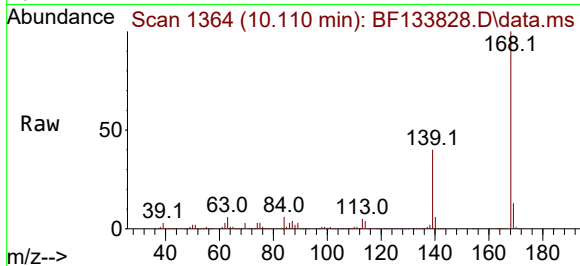




#55
Dibenzenofuran
Concen: 40.446 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

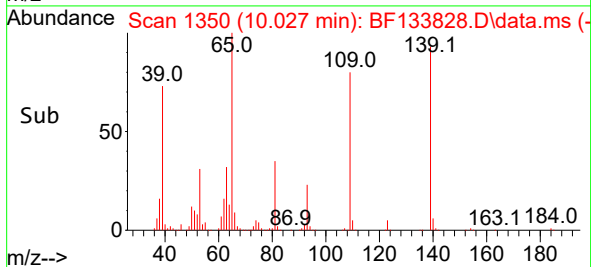
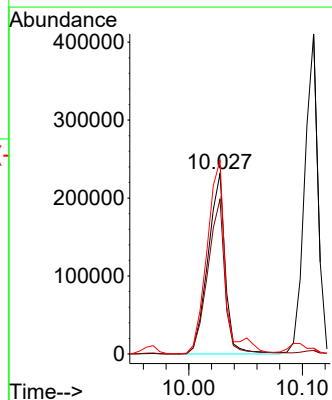
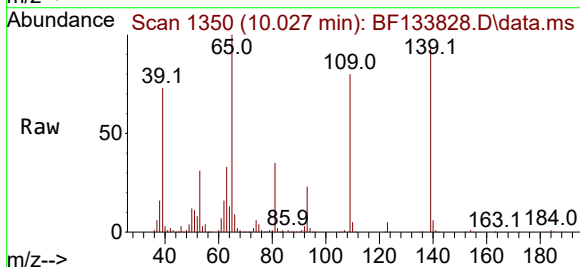
Instrument :
BNA_F
ClientSampleId :
PB153132BS

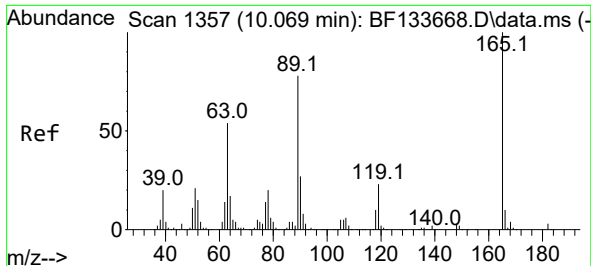
Tgt Ion:168 Resp: 815054
Ion Ratio Lower Upper
168 100
139 40.5 30.9 46.3
169 13.0 10.9 16.3



#56
4-Nitrophenol
Concen: 86.117 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:139 Resp: 244165
Ion Ratio Lower Upper
139 100
109 85.7 50.7 90.7
65 107.2 67.1 107.1#

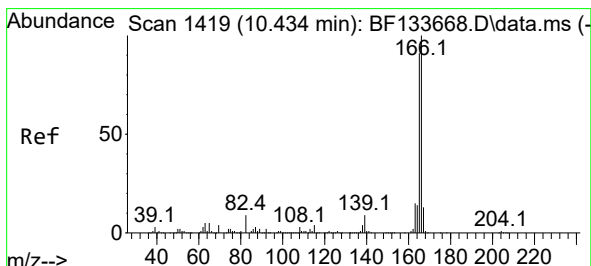
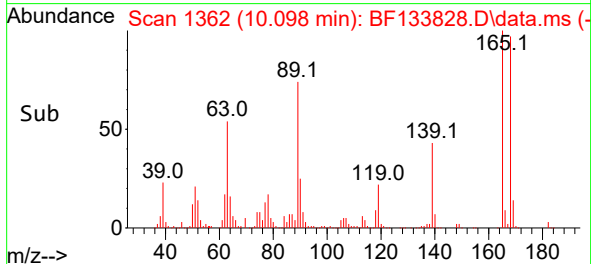
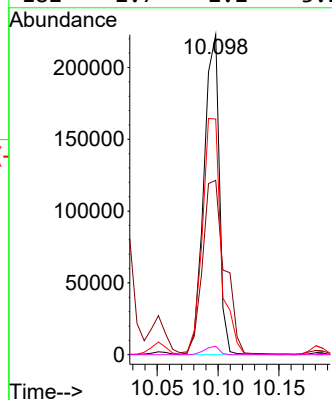
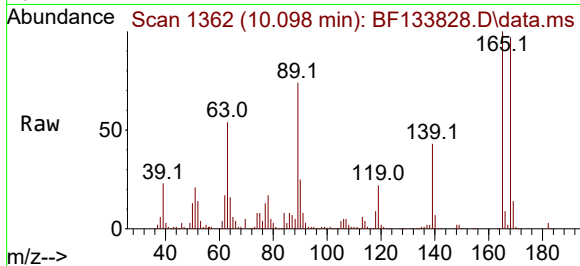




#57
2,4-Dinitrotoluene
Concen: 44.845 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

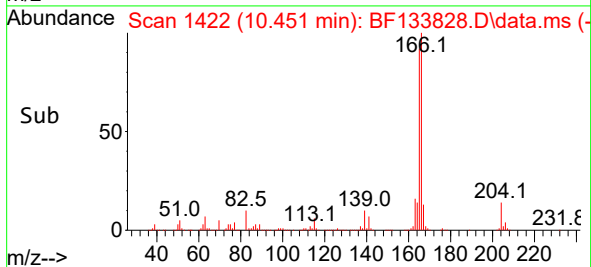
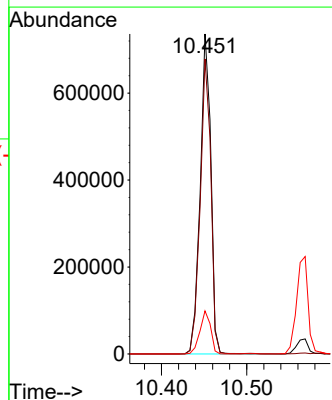
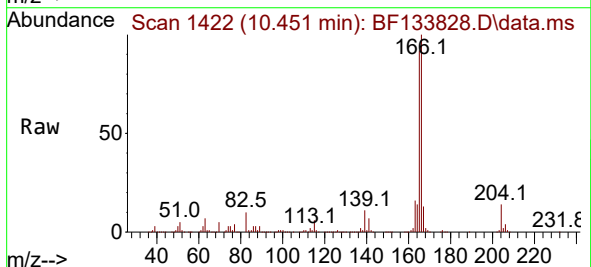
Instrument :
BNA_F
ClientSampleId :
PB153132BS

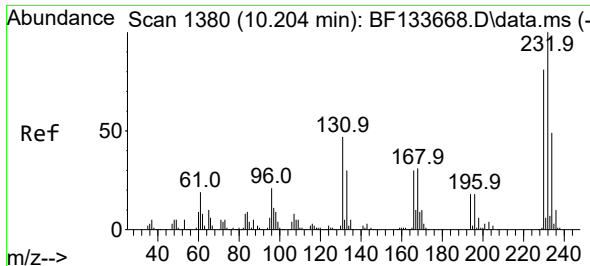
Tgt Ion:165 Resp: 196893
Ion Ratio Lower Upper
165 100
63 54.5 43.0 64.6
89 73.6 62.6 93.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.471 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:166 Resp: 639099
Ion Ratio Lower Upper
166 100
165 92.2 73.1 109.7
167 13.4 10.5 15.7

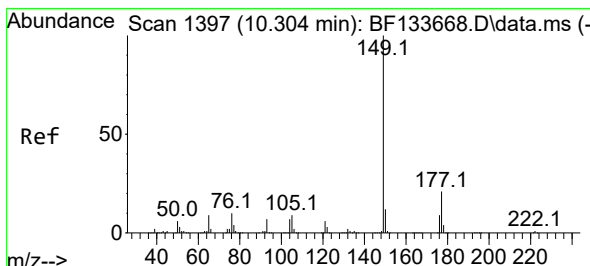
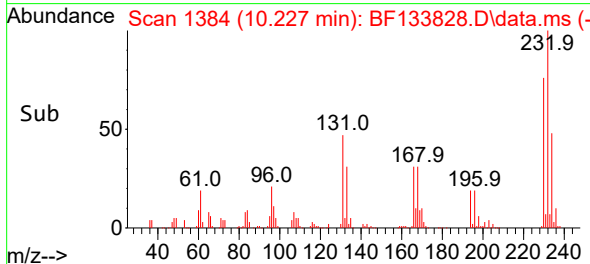
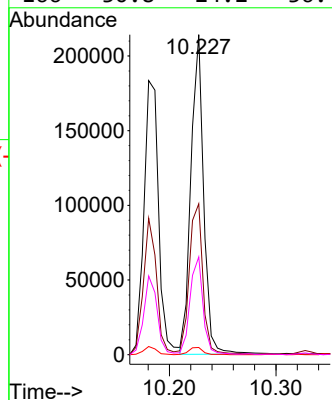
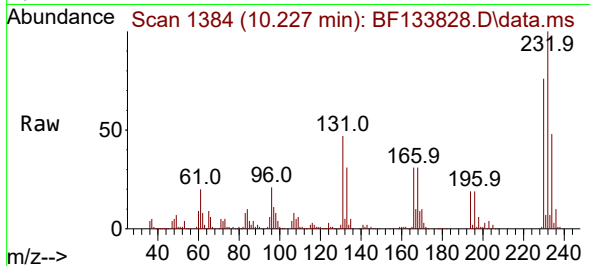




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.834 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

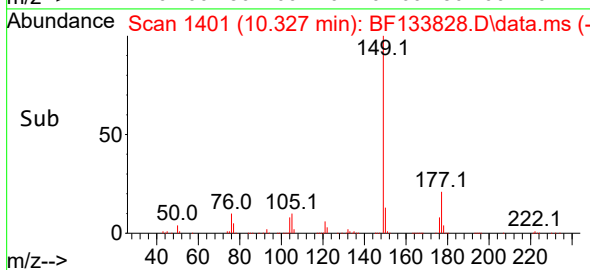
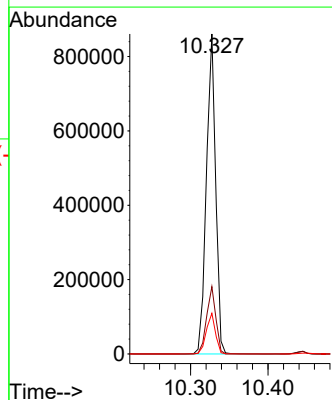
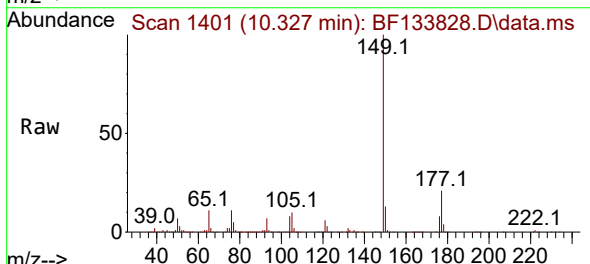
Instrument :
BNA_F
ClientSampleId :
PB153132BS

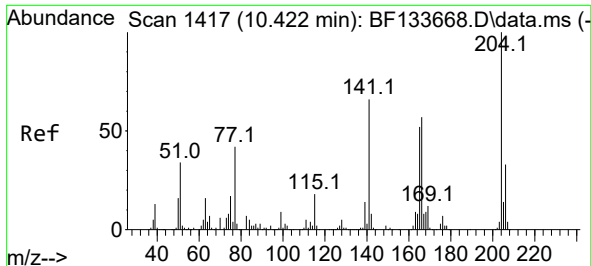
Tgt Ion:232 Resp: 177758
Ion Ratio Lower Upper
232 100
131 50.3 38.0 57.0
130 2.5 1.8 2.8
166 30.8 24.2 36.4



#60
Diethylphthalate
Concen: 41.900 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:149 Resp: 713228
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.7 10.0 15.0

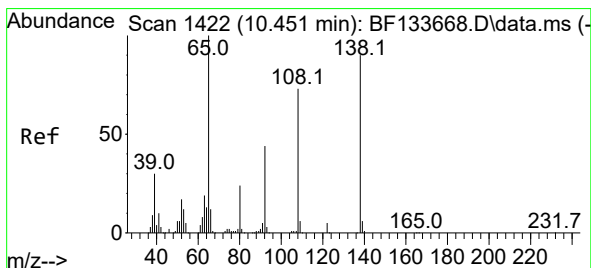
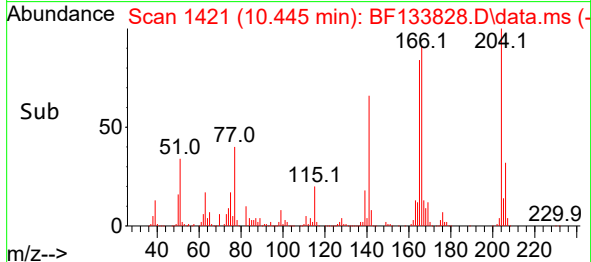
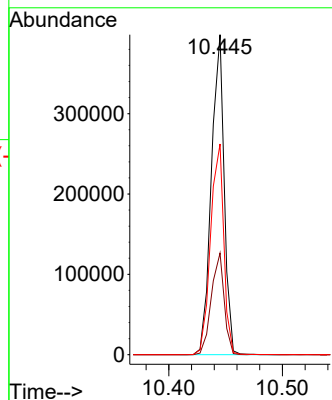
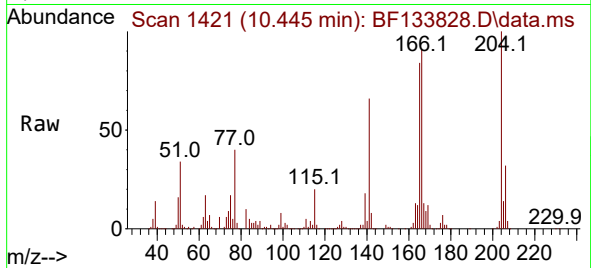




#61
4-Chlorophenyl-phenylether
Concen: 40.907 ng
RT: 10.445 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

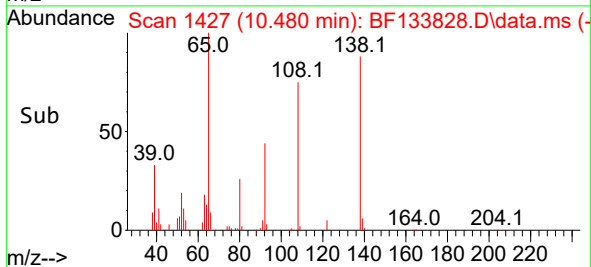
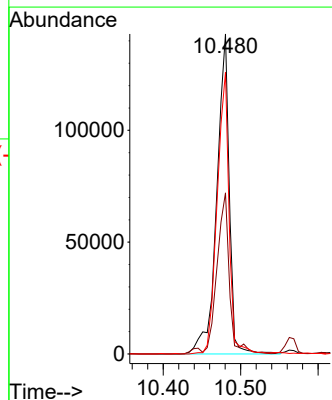
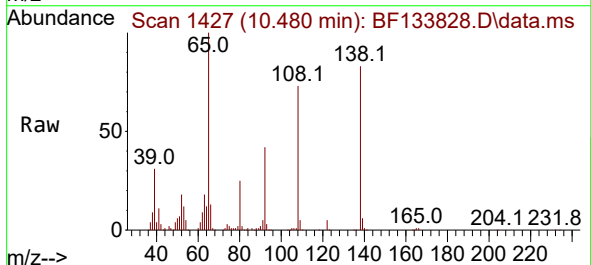
Instrument :
BNA_F
ClientSampleId :
PB153132BS

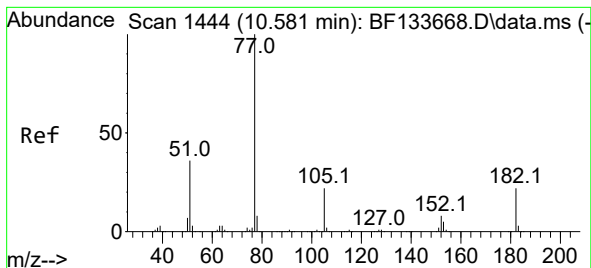
Tgt Ion:204 Resp: 311210
Ion Ratio Lower Upper
204 100
206 31.7 26.4 39.6
141 65.9 52.8 79.2



#62
4-Nitroaniline
Concen: 39.069 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:138 Resp: 160929
Ion Ratio Lower Upper
138 100
92 50.3 28.9 68.9
108 88.0 61.0 101.0





#63

Azobenzene

Concen: 41.693 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion: 77 Resp: 671857

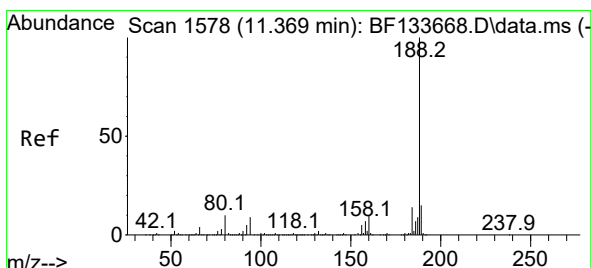
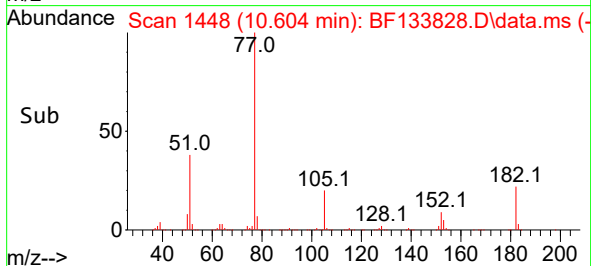
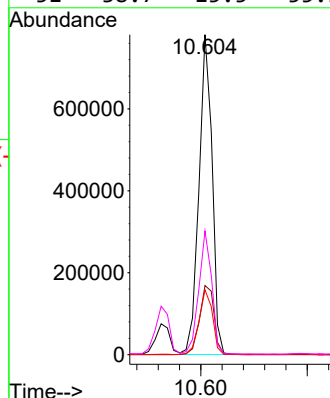
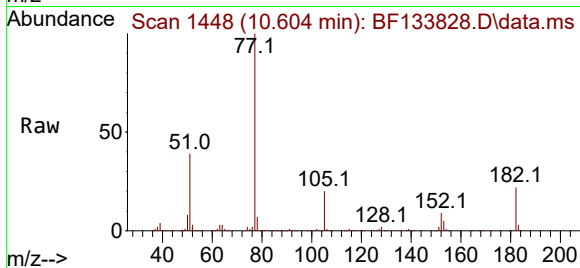
Ion Ratio Lower Upper

77 100

182 21.6 1.6 41.6

105 20.2 1.6 41.6

51 38.7 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

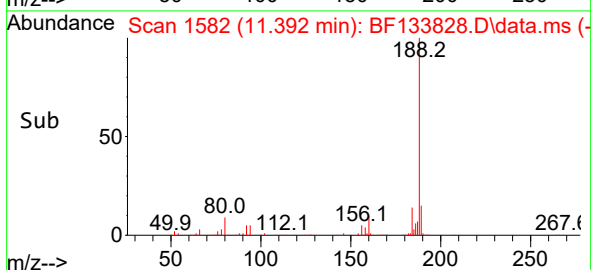
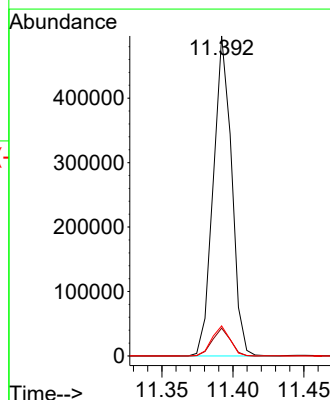
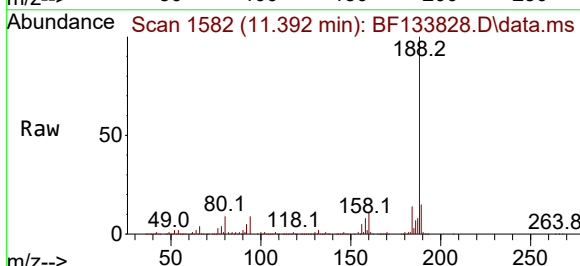
Tgt Ion: 188 Resp: 445826

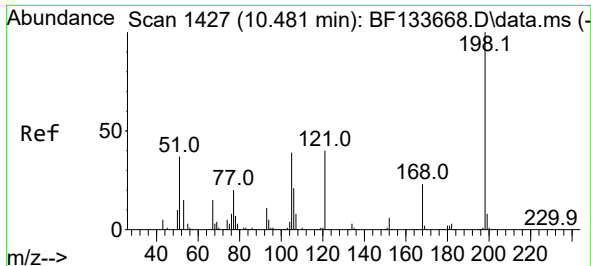
Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.4 7.8 11.6

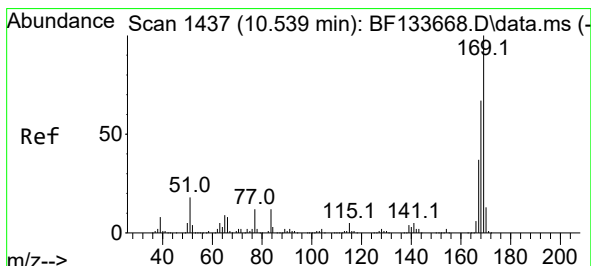
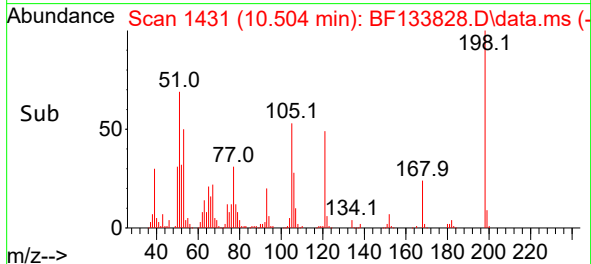
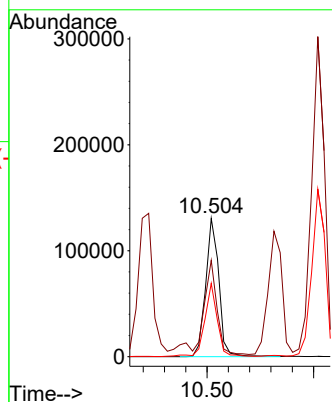
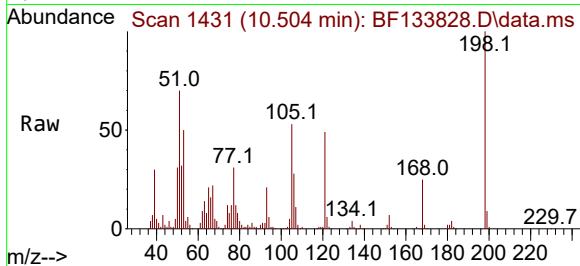




#65
4,6-Dinitro-2-methylphenol
Concen: 52.729 ng
RT: 10.504 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

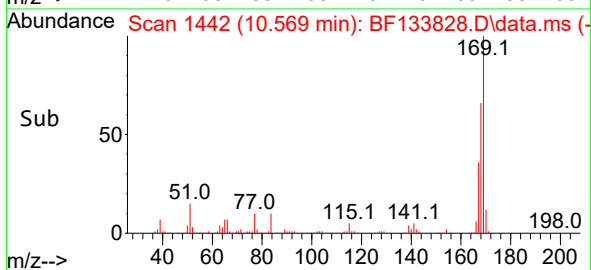
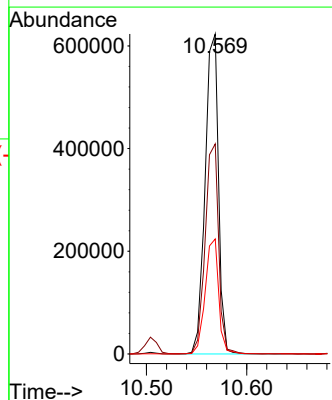
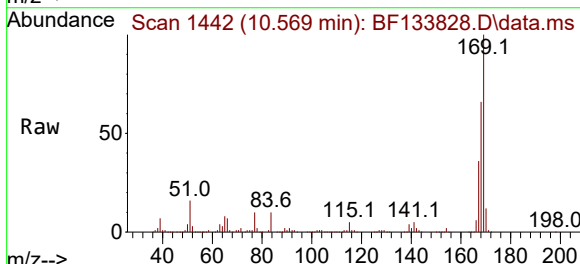
Instrument :
BNA_F
ClientSampleId :
PB153132BS

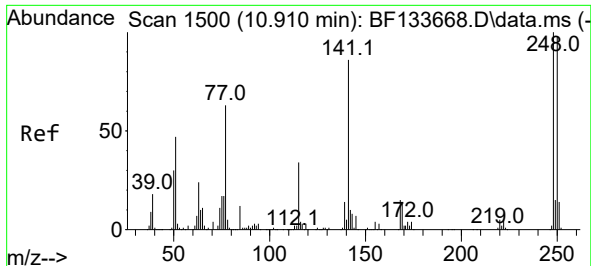
Tgt Ion:198 Resp: 112332
Ion Ratio Lower Upper
198 100
51 69.6 27.5 67.5#
105 53.0 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 38.777 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:169 Resp: 580704
Ion Ratio Lower Upper
169 100
168 65.7 53.7 80.5
167 35.9 29.8 44.8

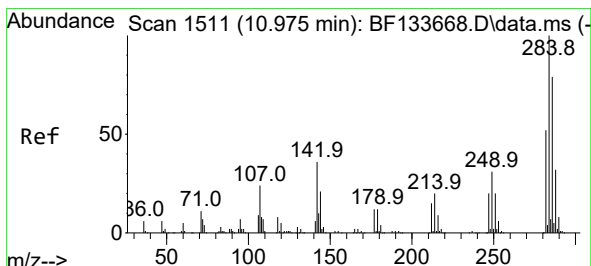
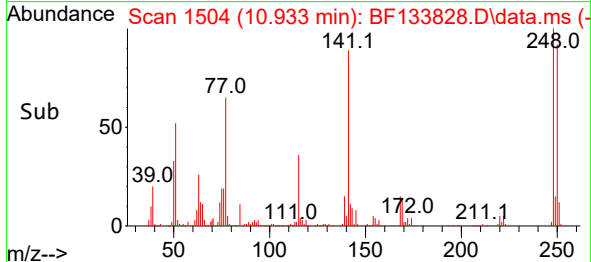
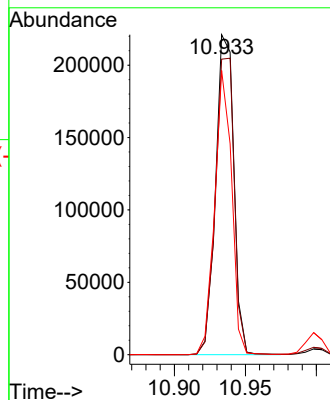
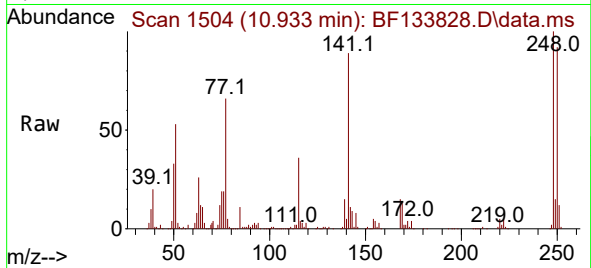




#67
4-Bromophenyl-phenylether
Concen: 39.585 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

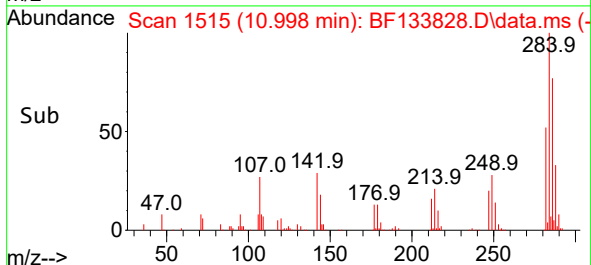
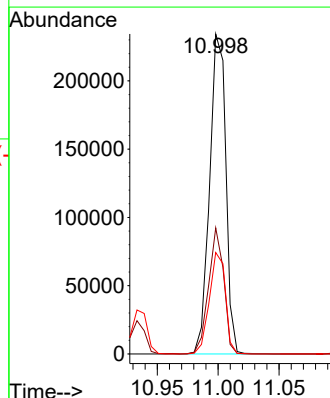
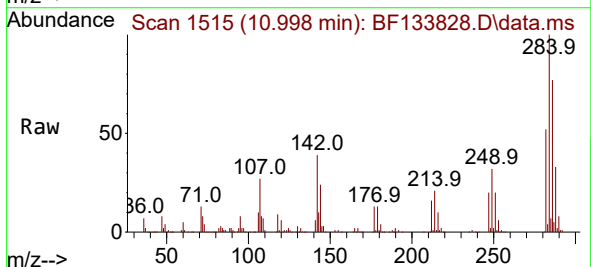
Instrument :
BNA_F
ClientSampleId :
PB153132BS

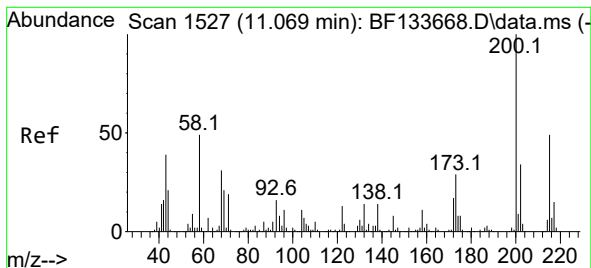
Tgt Ion:248 Resp: 196975
Ion Ratio Lower Upper
248 100
250 92.3 78.3 117.5
141 88.8 69.0 103.6



#68
Hexachlorobenzene
Concen: 41.400 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:284 Resp: 216631
Ion Ratio Lower Upper
284 100
142 39.4 28.6 42.8
249 31.7 24.6 36.8





#69

Atrazine

Concen: 43.286 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

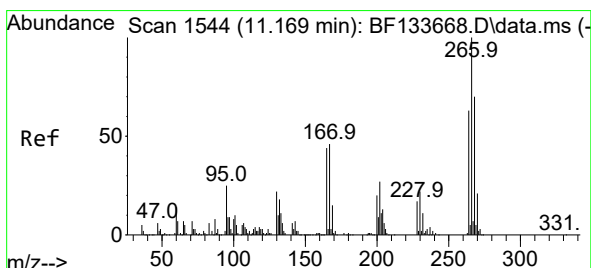
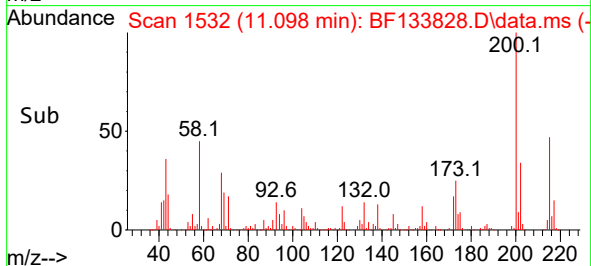
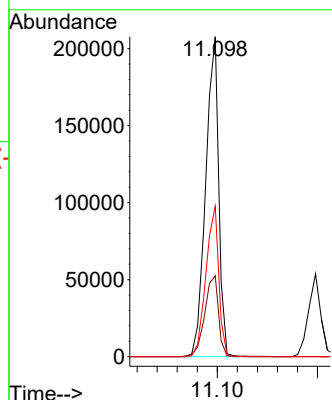
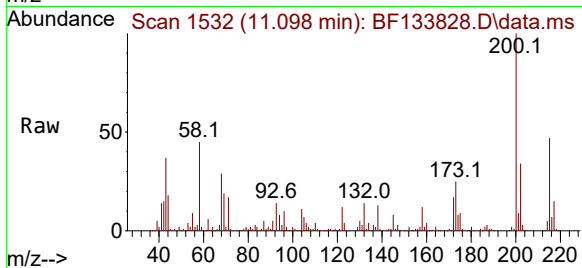
Tgt Ion:200 Resp: 188082

Ion Ratio Lower Upper

200 100

173 25.3 8.7 48.7

215 47.0 29.0 69.0



#70

Pentachlorophenol

Concen: 76.640 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

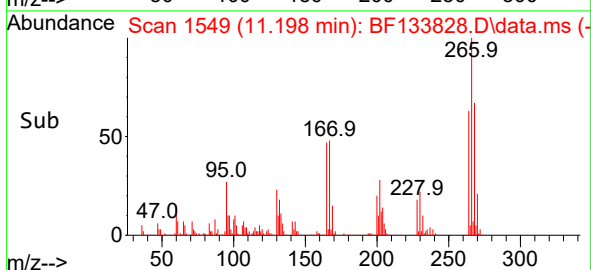
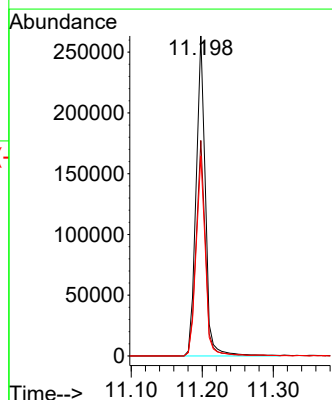
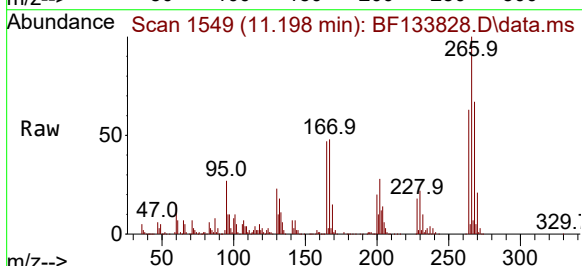
Tgt Ion:266 Resp: 240141

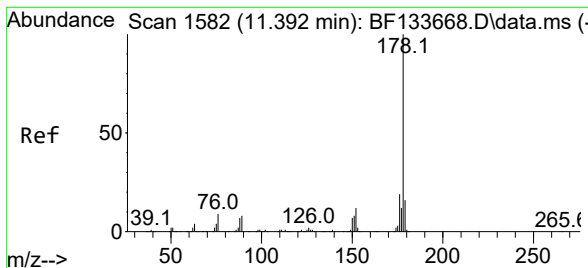
Ion Ratio Lower Upper

266 100

268 67.3 55.7 83.5

264 62.6 50.7 76.1





#71

Phenanthrene

Concen: 40.835 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

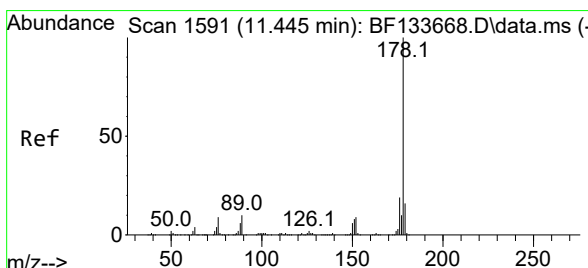
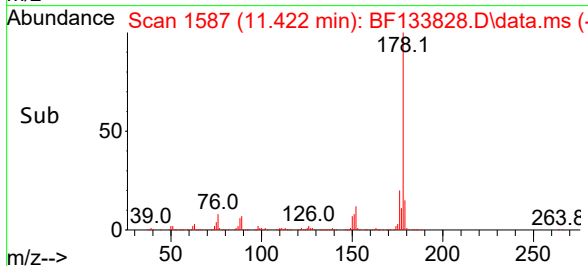
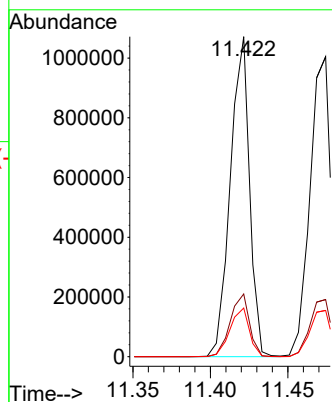
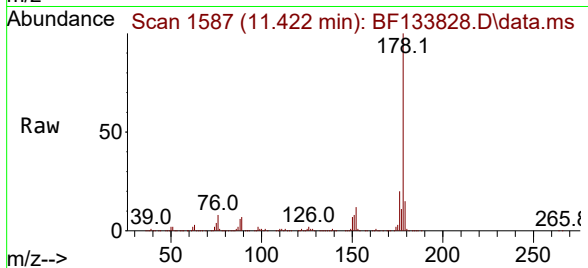
Tgt Ion:178 Resp: 923652

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.2 12.4 18.6



#72

Anthracene

Concen: 39.978 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

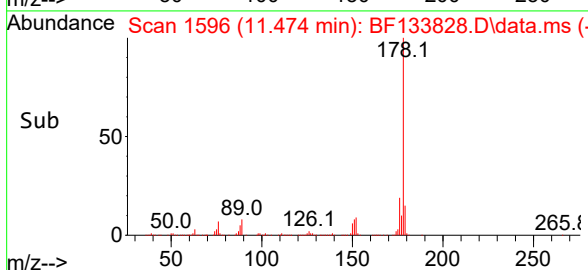
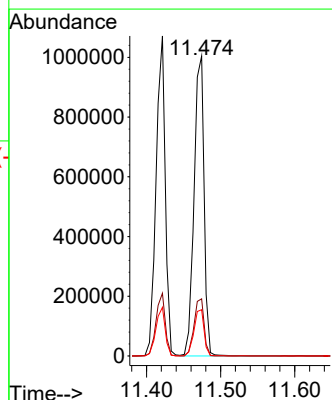
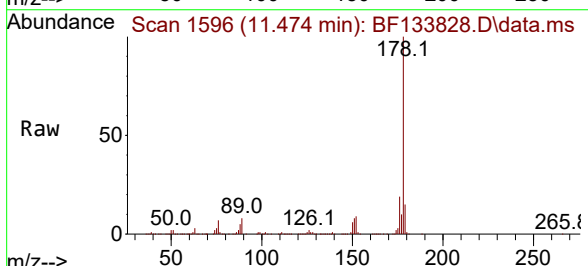
Tgt Ion:178 Resp: 942854

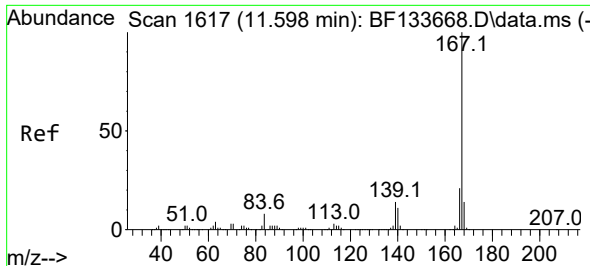
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.4 12.6 18.8

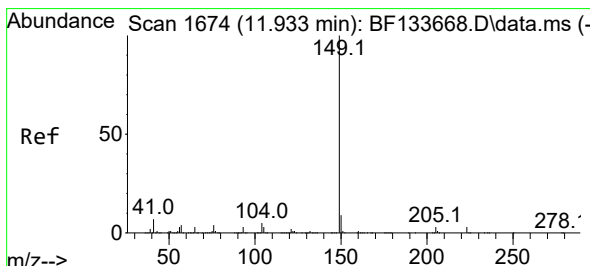
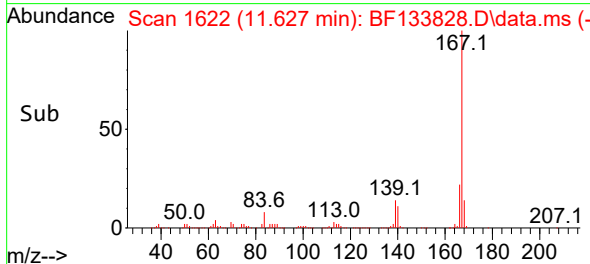
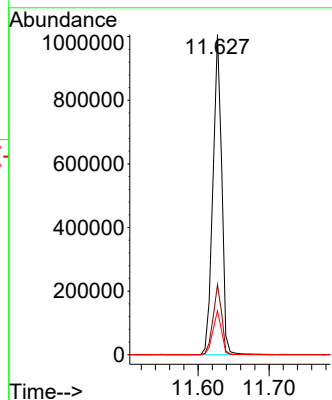
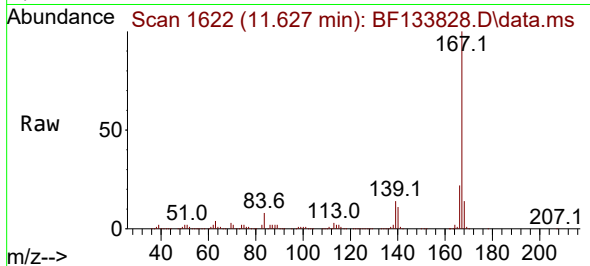




#73
Carbazole
Concen: 39.572 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

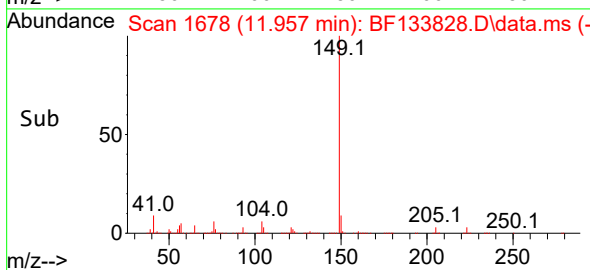
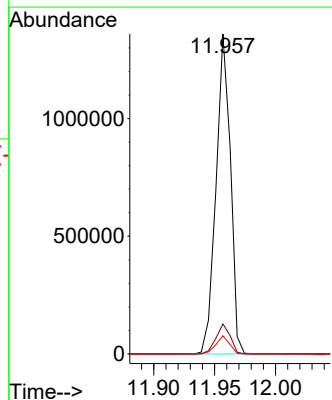
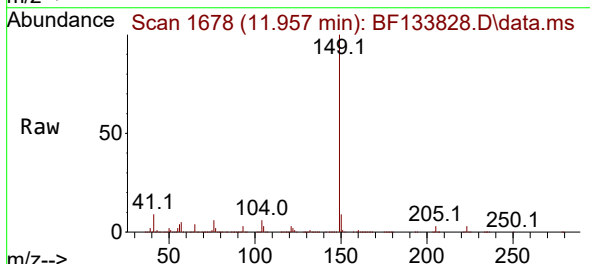
Instrument :
BNA_F
ClientSampleId :
PB153132BS

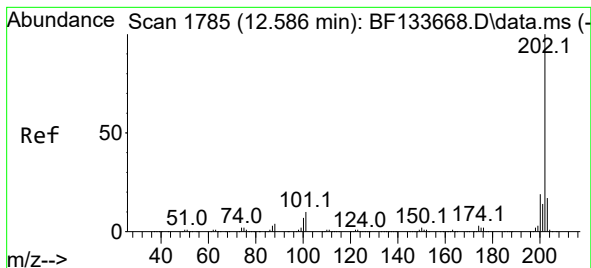
Tgt Ion:167 Resp: 869227
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.7 11.2 16.8



#74
Di-n-butylphthalate
Concen: 39.578 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:149 Resp: 1114531
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.7 3.8 5.8





#75

Fluoranthene

Concen: 40.012 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

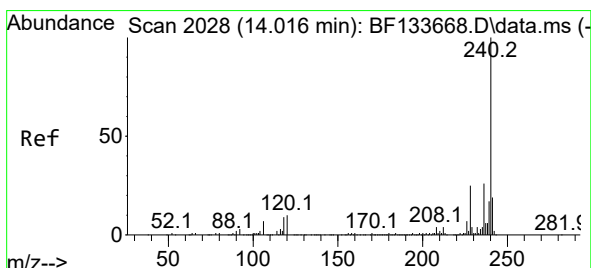
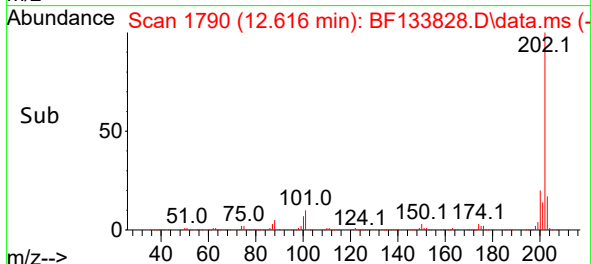
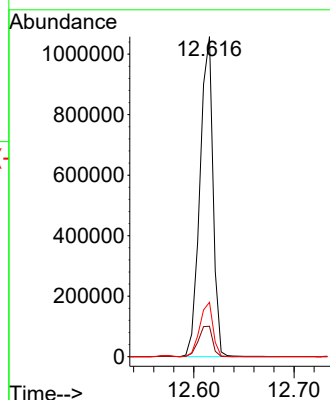
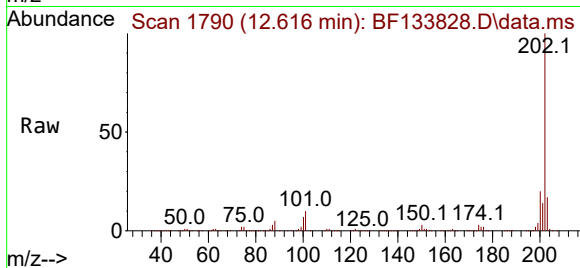
Tgt Ion:202 Resp: 961078

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.6

203 17.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

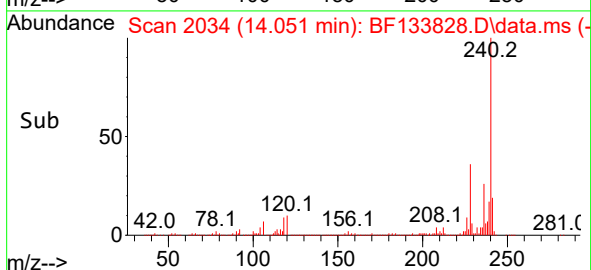
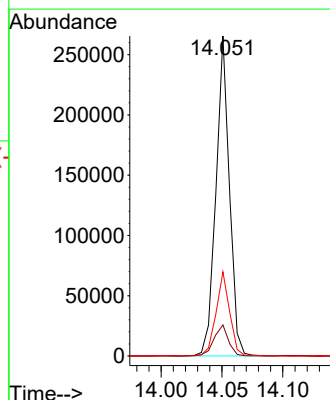
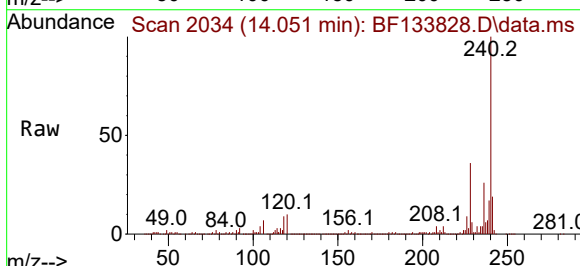
Tgt Ion:240 Resp: 204224

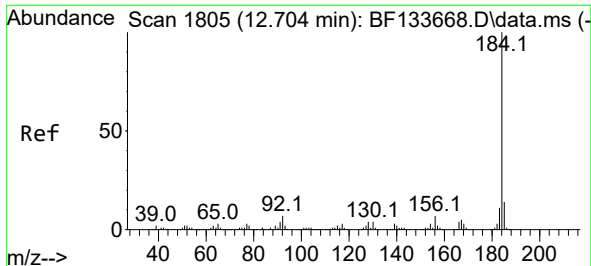
Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

236 26.3 20.5 30.7

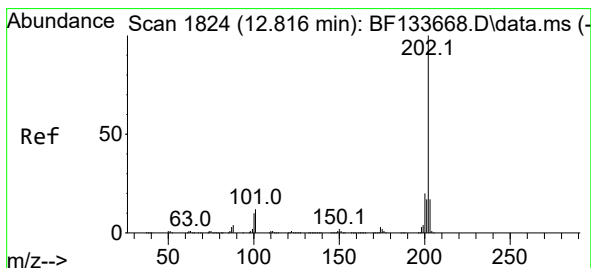
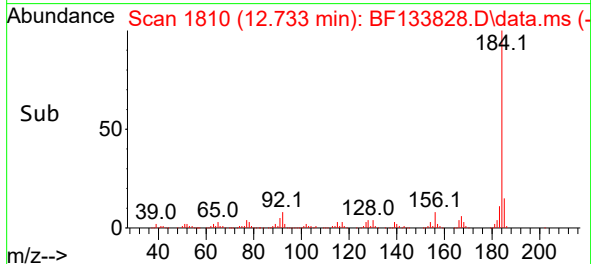
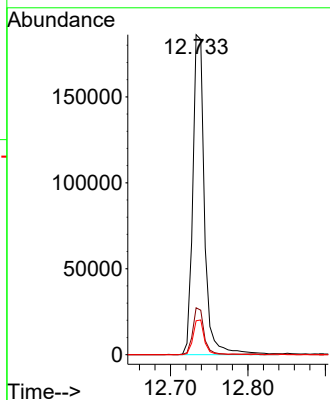
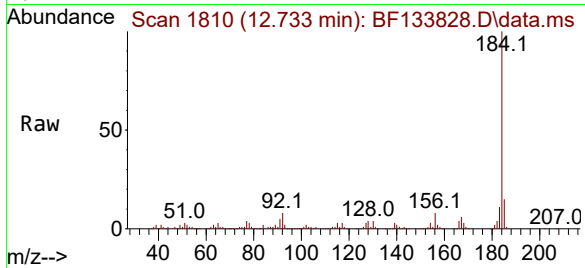




#77
Benzidine
Concen: 28.559 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

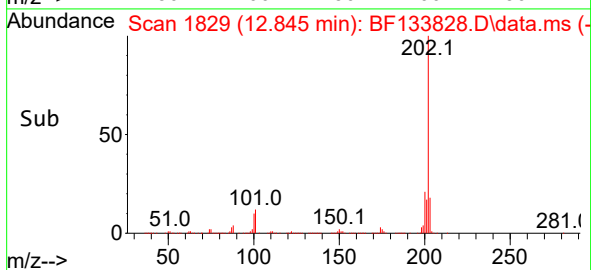
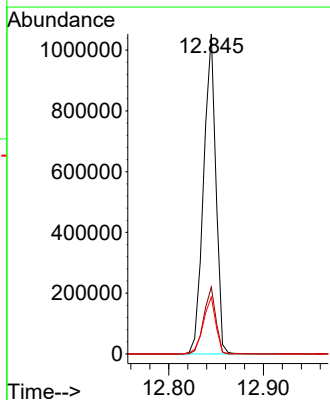
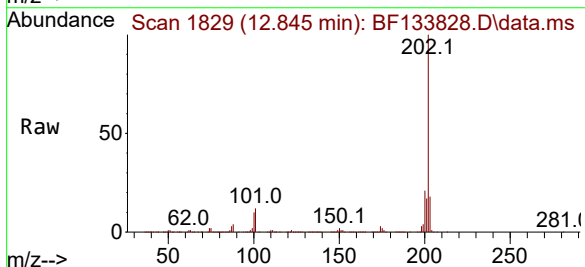
Instrument :
BNA_F
ClientSampleId :
PB153132BS

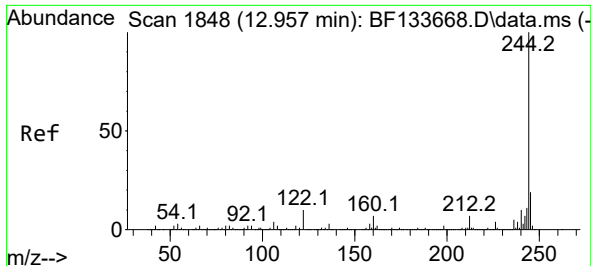
Tgt Ion:184 Resp: 195713
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 10.6 8.4 12.6



#78
Pyrene
Concen: 49.908 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

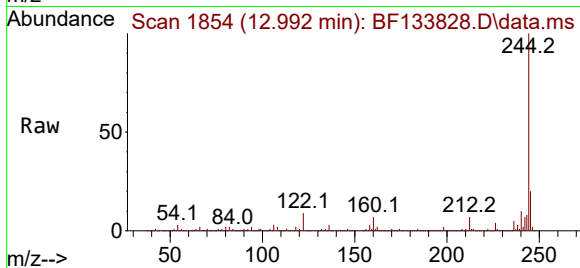
Tgt Ion:202 Resp: 949460
Ion Ratio Lower Upper
202 100
200 20.9 16.2 24.2
203 17.8 13.9 20.9



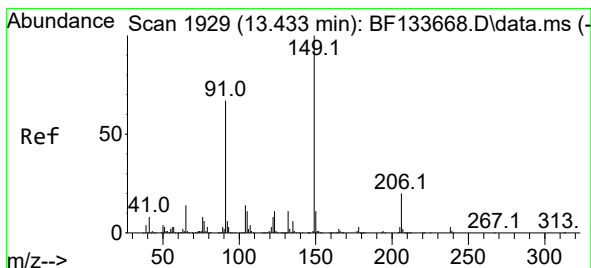
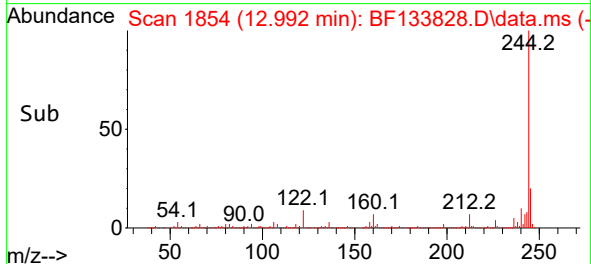
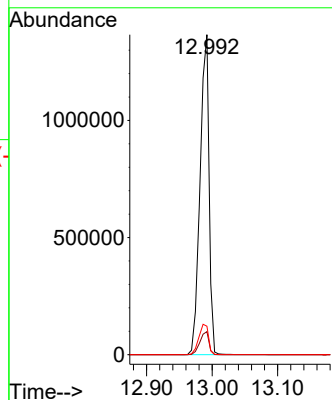


#79
 Terphenyl-d14
 Concen: 99.172 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB153132BS

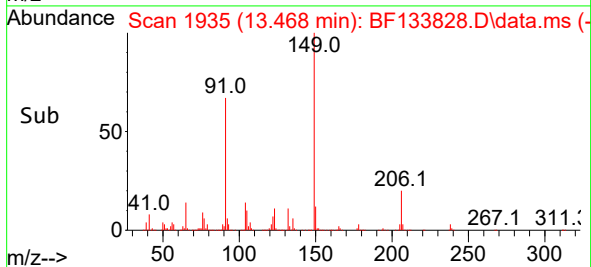
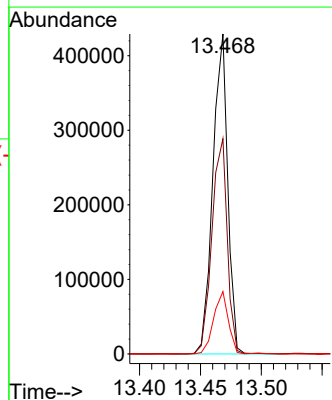
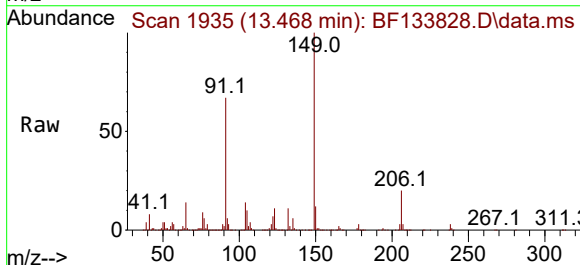


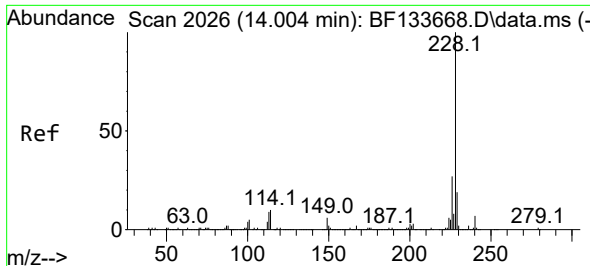
Tgt Ion:244 Resp: 1308913
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.9 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 45.340 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Tgt Ion:149 Resp: 364146
 Ion Ratio Lower Upper
 149 100
 91 67.3 54.0 81.0
 206 19.5 15.6 23.4

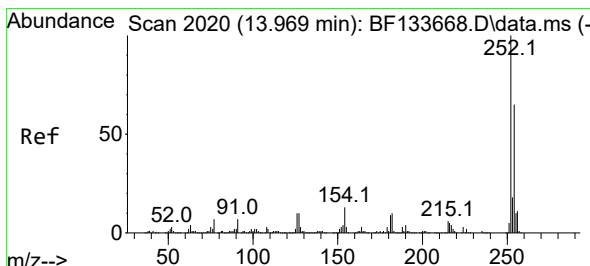
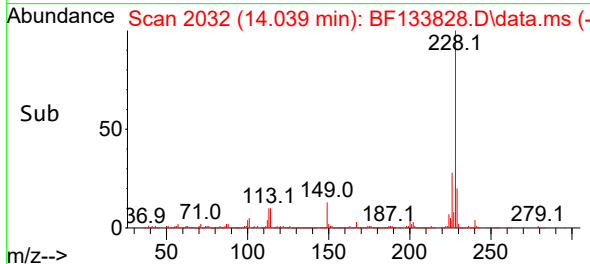
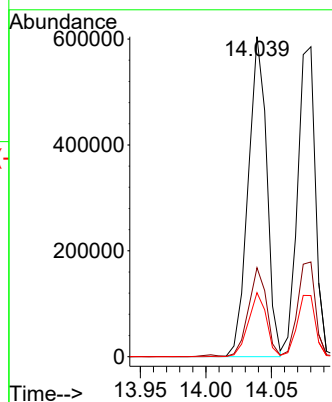
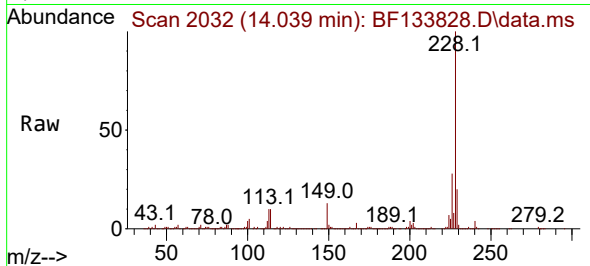




#81
Benzo(a)anthracene
Concen: 42.143 ng
RT: 14.039 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

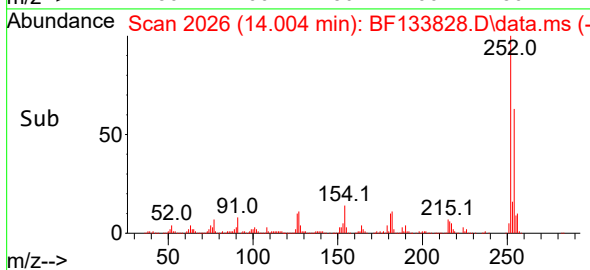
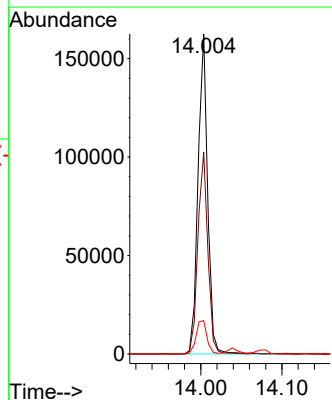
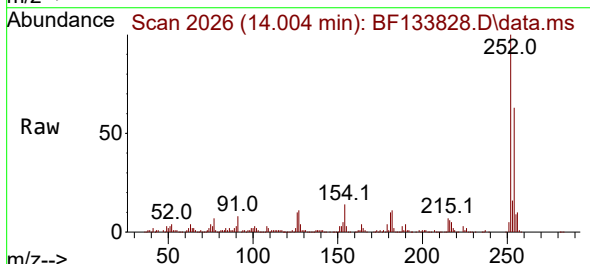
Instrument :
BNA_F
ClientSampleId :
PB153132BS

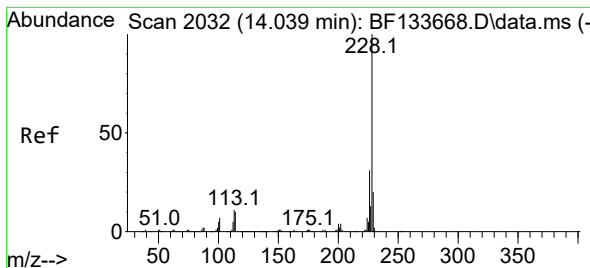
Tgt Ion:228 Resp: 595323
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 28.617 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:252 Resp: 134396
Ion Ratio Lower Upper
252 100
254 63.0 51.9 77.9
126 10.4 7.7 11.5





#83

Chrysene

Concen: 41.663 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

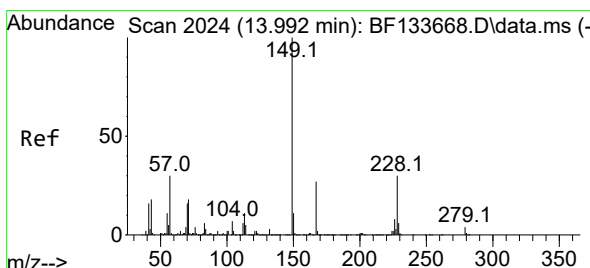
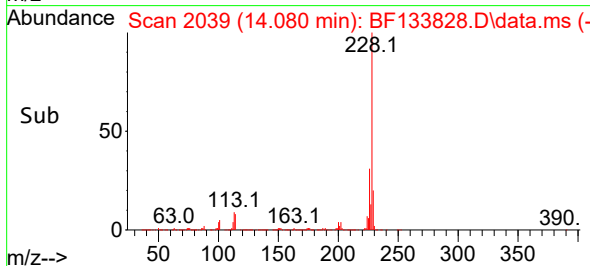
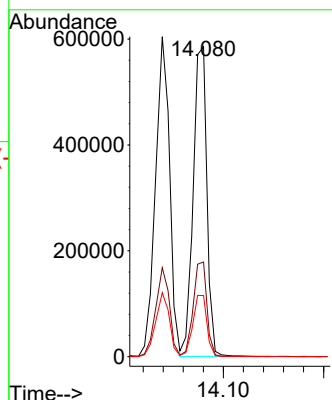
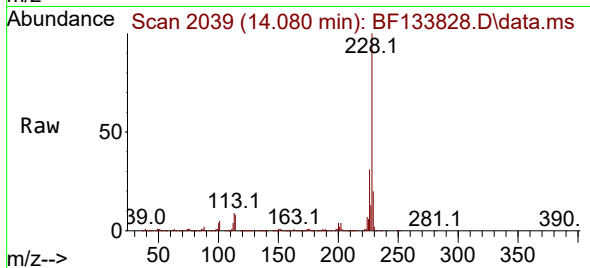
Tgt Ion:228 Resp: 556650

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.685 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

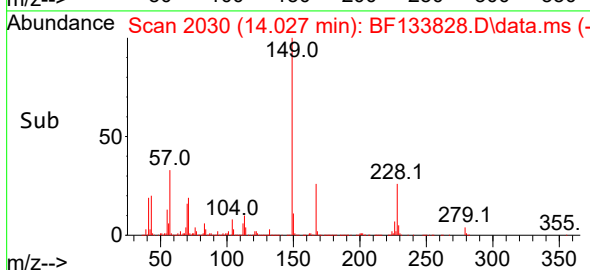
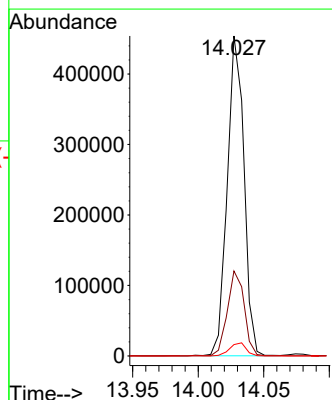
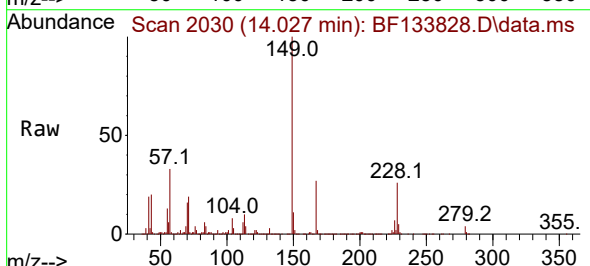
Tgt Ion:149 Resp: 402335

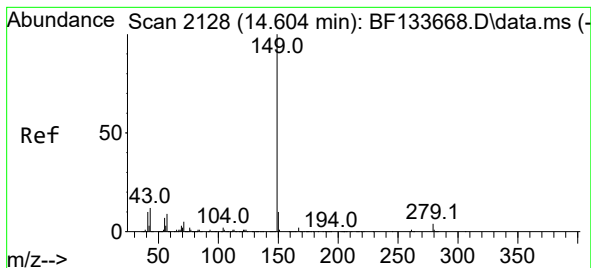
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.245 ng

RT: 14.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

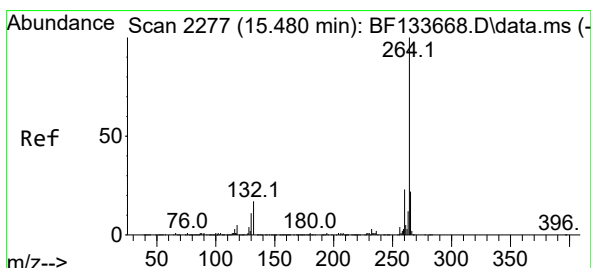
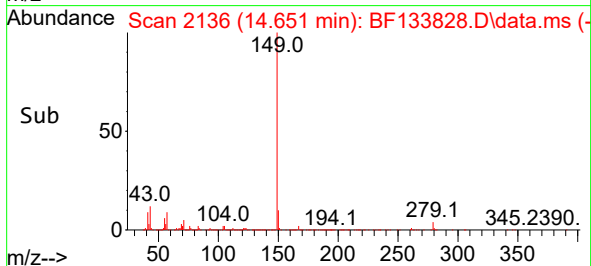
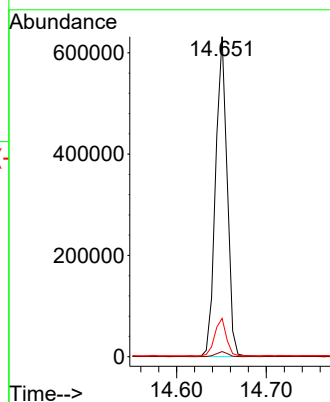
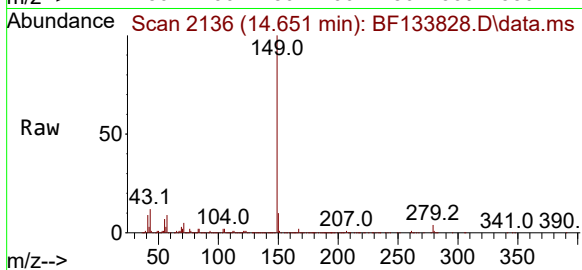
Tgt Ion:149 Resp: 565548

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.7 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

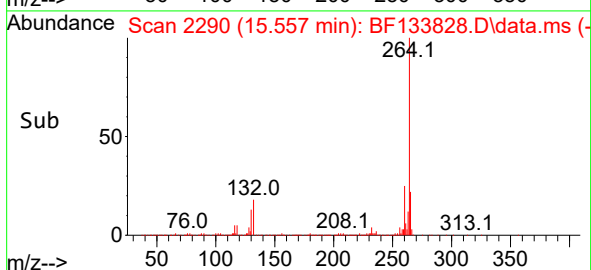
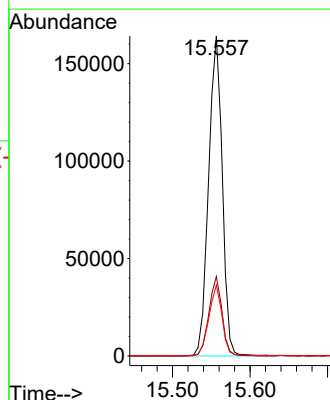
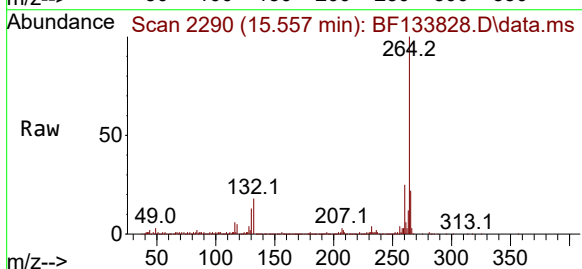
Tgt Ion:264 Resp: 201518

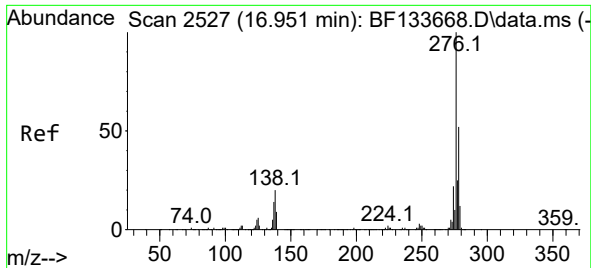
Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.2 17.8 26.6

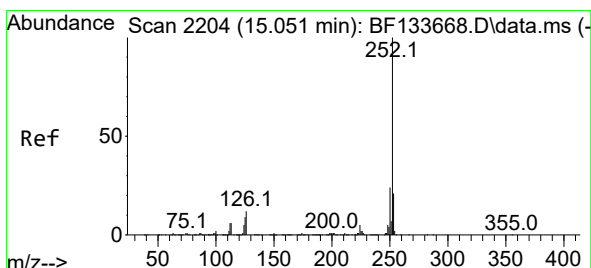
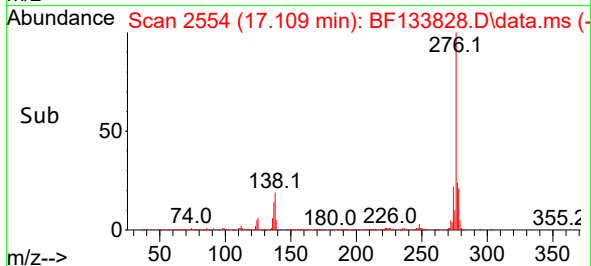
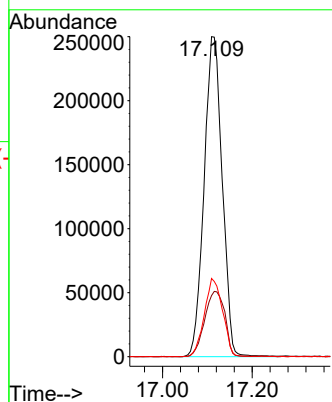
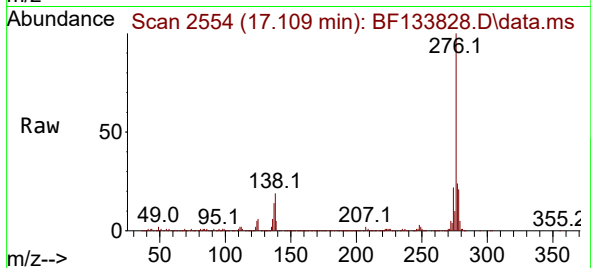




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.565 ng
 RT: 17.109 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

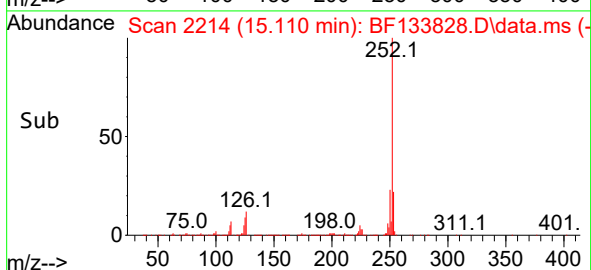
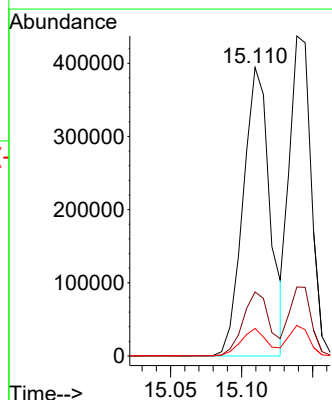
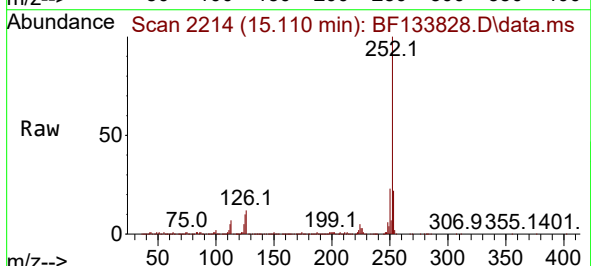
Instrument :
 BNA_F
 ClientSampleId :
 PB153132BS

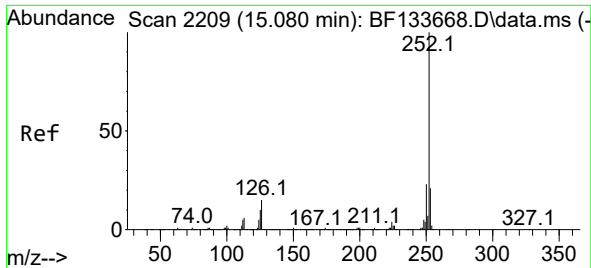
Tgt Ion:276 Resp: 701030
 Ion Ratio Lower Upper
 276 100
 138 22.8 17.9 26.9
 277 24.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 42.353 ng
 RT: 15.110 min Scan# 2214
 Delta R.T. -0.000 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Tgt Ion:252 Resp: 518454
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.0 25.6
 125 9.5 7.3 10.9

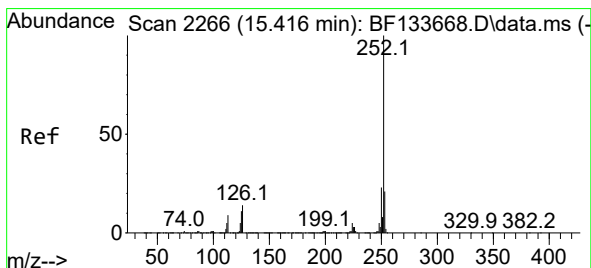
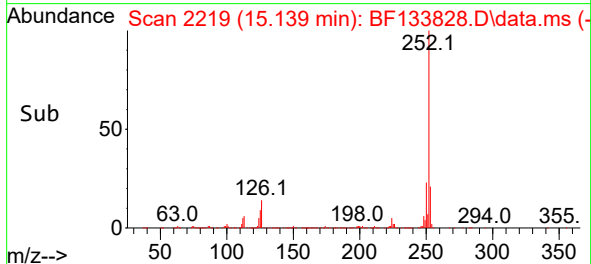
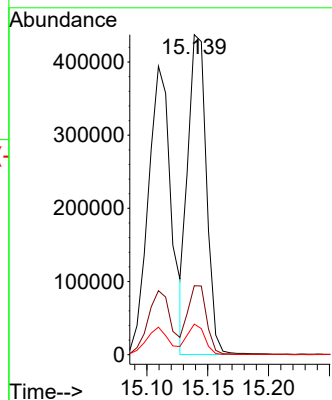
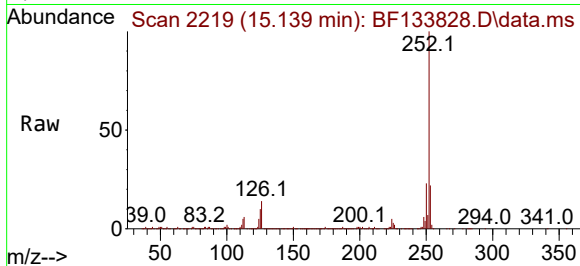




#89
Benzo(k)fluoranthene
Concen: 39.046 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

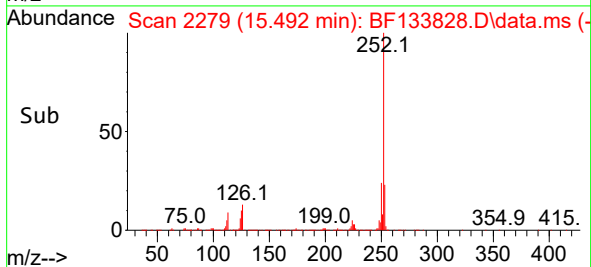
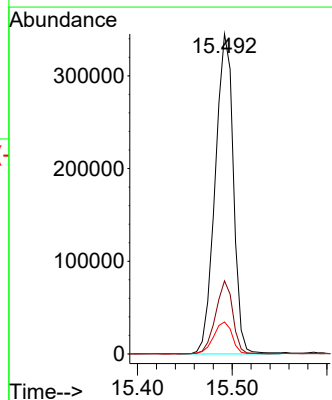
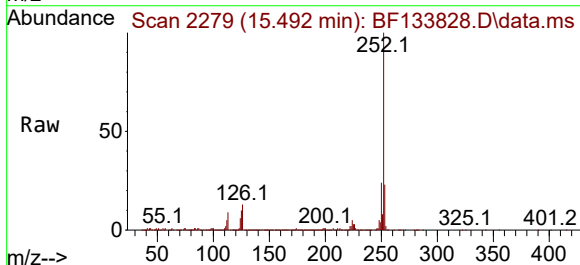
Instrument :
BNA_F
ClientSampleId :
PB153132BS

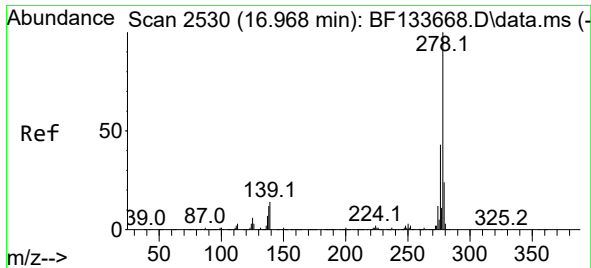
Tgt Ion:252 Resp: 465608
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 9.6 7.8 11.6



#90
Benzo(a)pyrene
Concen: 40.560 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:252 Resp: 460802
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.0 8.6 13.0

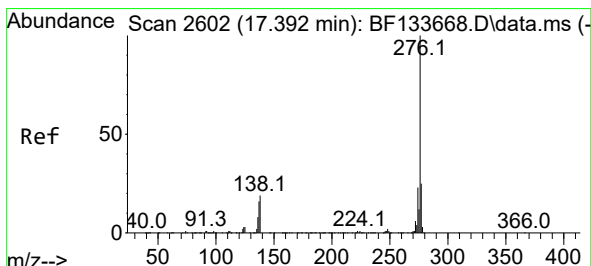
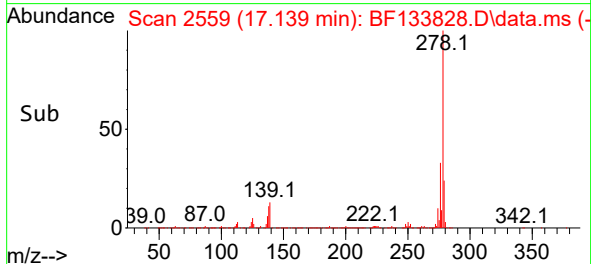
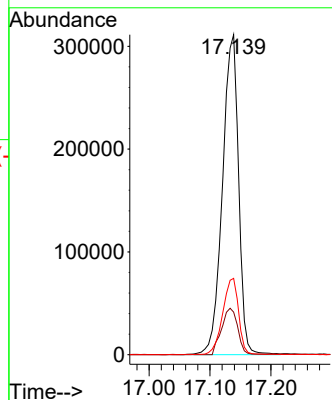
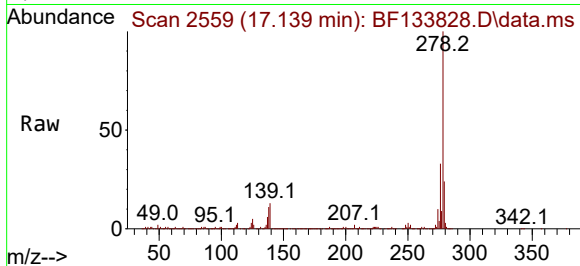




#91
Dibenzo(a,h)anthracene
Concen: 49.938 ng
RT: 17.139 min Scan# 2635
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :
BNA_F
ClientSampleId :
PB153132BS

Tgt Ion:278 Resp: 573182
Ion Ratio Lower Upper
278 100
139 13.3 11.4 17.2
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.988 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:276 Resp: 568861
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 20.0 15.0 22.4

