

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133832.D
 Acq On : 19 Jun 2023 14:07
 Operator : CG\JU
 Sample : PB153157BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153157BSD

Quant Time: Jun 20 01:31:42 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	6.863	152	124867	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	477442	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	245329	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	467541	20.000	ng	0.00
76) Chrysene-d12	14.051	240	199357	20.000	ng	0.00
86) Perylene-d12	15.557	264	227459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	824779	114.991	ng	0.01
7) Phenol-d6	6.504	99	1005792	107.730	ng	0.00
23) Nitrobenzene-d5	7.428	82	696822	79.494	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	325289	104.749	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1288298	74.648	ng	0.00
79) Terphenyl-d14	12.986	244	1244966	96.630	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	94989	30.123	ng	97
3) Pyridine	3.499	79	231454	25.183	ng	96
4) n-Nitrosodimethylamine	3.451	42	196221	38.623	ng	97
6) Aniline	6.528	93	396325	33.704	ng	99
8) 2-Chlorophenol	6.645	128	323387	42.783	ng	99
9) Benzaldehyde	6.416	77	168601	27.219	ng	97
10) Phenol	6.516	94	386921	39.689	ng	86
11) bis(2-Chloroethyl)ether	6.598	93	296646	40.987	ng	96
12) 1,3-Dichlorobenzene	6.804	146	338554	41.921	ng	98
13) 1,4-Dichlorobenzene	6.881	146	347098	42.523	ng	98
14) 1,2-Dichlorobenzene	7.028	146	330079	44.752	ng	98
15) Benzyl Alcohol	7.004	79	300528	41.214	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	538612	43.902	ng	100
17) 2-Methylphenol	7.116	107	262006	39.107	ng	98
18) Hexachloroethane	7.369	117	132329	47.354	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	236856	39.874	ng	99
20) 3+4-Methylphenols	7.269	107	323061	37.067	ng	# 89
22) Acetophenone	7.275	105	455461	41.593	ng	# 98
24) Nitrobenzene	7.445	77	357265	40.476	ng	96
25) Isophorone	7.681	82	651601	40.490	ng	99
26) 2-Nitrophenol	7.757	139	174799	44.127	ng	94
27) 2,4-Dimethylphenol	7.798	122	278945	40.855	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	372444	40.043	ng	98
29) 2,4-Dichlorophenol	7.998	162	268657	40.148	ng	95
30) 1,2,4-Trichlorobenzene	8.081	180	285777	40.933	ng	96
31) Naphthalene	8.163	128	919273	39.520	ng	100
32) Benzoic acid	7.928	122	215992	50.160	ng	98
33) 4-Chloroaniline	8.210	127	200755	20.185	ng	99
34) Hexachlorobutadiene	8.275	225	184467	40.356	ng	99
35) Caprolactam	8.592	113	60193	26.732	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	315084	40.850	ng	99
37) 2-Methylnaphthalene	8.857	142	627173	38.805	ng	99
38) 1-Methylnaphthalene	8.957	142	571373	38.419	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	291349	39.064	ng	# 98
41) Hexachlorocyclopentadiene	9.004	237	353016	106.214	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	201848	40.500	ng	99

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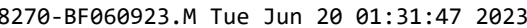
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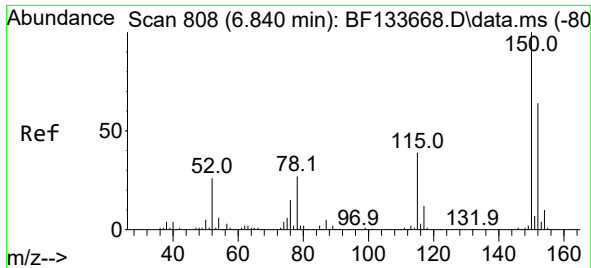
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	215741	37.208	ng	98
46) 1,1'-Biphenyl	9.322	154	788673	39.860	ng	99
47) 2-Chloronaphthalene	9.345	162	578251	40.742	ng	99
48) 2-Nitroaniline	9.445	65	203300	39.166	ng	99
49) Acenaphthylene	9.763	152	963892	39.020	ng	100
50) Dimethylphthalate	9.628	163	703653	38.426	ng	100
51) 2,6-Dinitrotoluene	9.686	165	155441	41.125	ng	# 75
52) Acenaphthene	9.933	154	565604	39.117	ng	99
53) 3-Nitroaniline	9.857	138	125122	27.202	ng	91
54) 2,4-Dinitrophenol	9.969	184	183307	97.870	ng	90
55) Dibenzofuran	10.110	168	857886	38.882	ng	97
56) 4-Nitrophenol	10.028	139	245680	79.142	ng	80
57) 2,4-Dinitrotoluene	10.098	165	202850	42.198	ng	96
58) Fluorene	10.451	166	672045	39.830	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	186108	42.872	ng	98
60) Diethylphthalate	10.328	149	736138	39.499	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	322579	38.727	ng	99
62) 4-Nitroaniline	10.480	138	165350	36.664	ng	91
63) Azobenzene	10.604	77	703802	39.891	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	114774	51.373	ng	# 73
66) n-Nitrosodiphenylamine	10.569	169	599311	38.161	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	203219	38.943	ng	98
68) Hexachlorobenzene	10.998	284	224792	40.964	ng	96
69) Atrazine	11.098	200	195968	43.006	ng	98
70) Pentachlorophenol	11.198	266	236010	71.824	ng	98
71) Phenanthrene	11.422	178	943232	39.764	ng	99
72) Anthracene	11.469	178	959046	38.776	ng	100
73) Carbazole	11.627	167	870382	37.784	ng	100
74) Di-n-butylphthalate	11.957	149	1099383	37.227	ng	99
75) Fluoranthene	12.610	202	917247	36.413	ng	98
77) Benzidine	12.733	184	242907	36.311	ng	99
78) Pyrene	12.845	202	901038	48.519	ng	99
80) Butylbenzylphthalate	13.463	149	321059	40.951	ng	96
81) Benzo(a)anthracene	14.039	228	562773	40.811	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	157297	34.311	ng	98
83) Chrysene	14.074	228	529580	40.604	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	366843	38.002	ng	97
85) Di-n-octyl phthalate	14.651	149	595247	43.392	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	760015	48.568	ng	99
88) Benzo(b)fluoranthene	15.110	252	587334	42.508	ng	98
89) Benzo(k)fluoranthene	15.110	252	587334	43.637	ng	98
90) Benzo(a)pyrene	15.492	252	518316	40.420	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	624154	48.178	ng	99
92) Benzo(g,h,i)perylene	17.586	276	623645	48.552	ng	98

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

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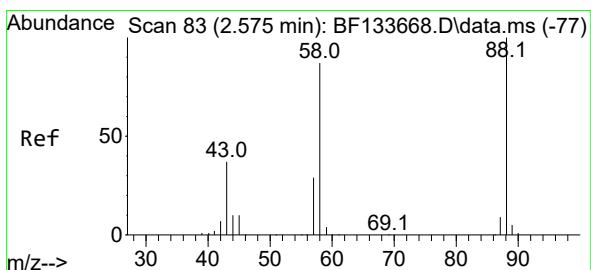
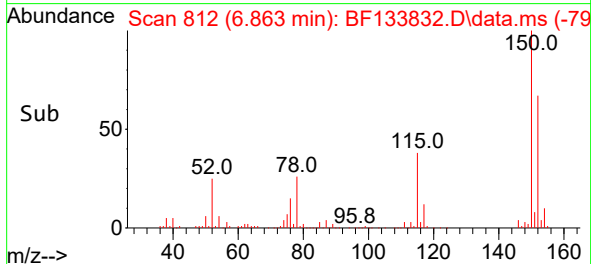
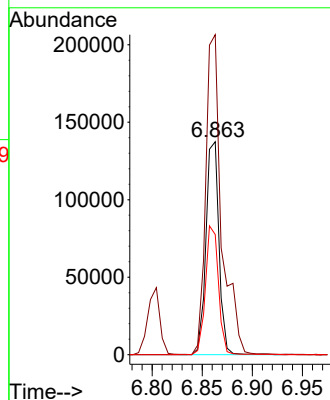
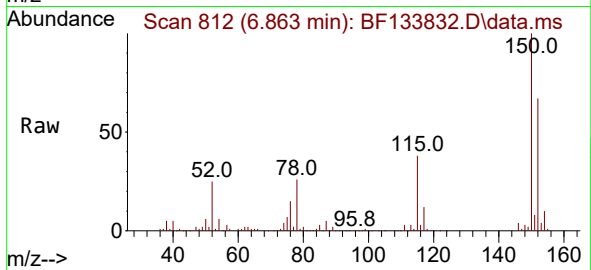




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

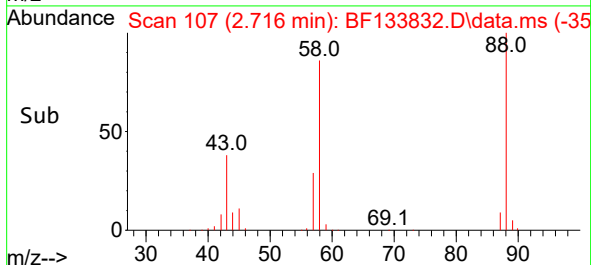
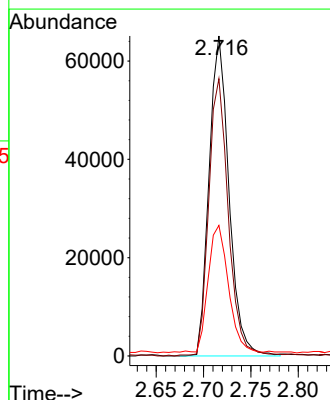
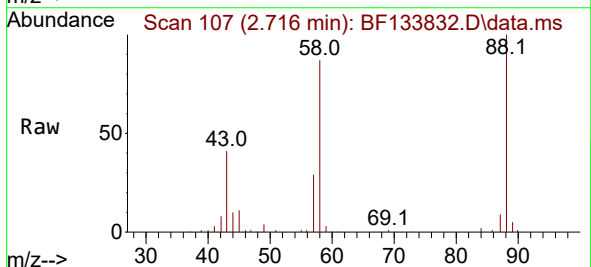
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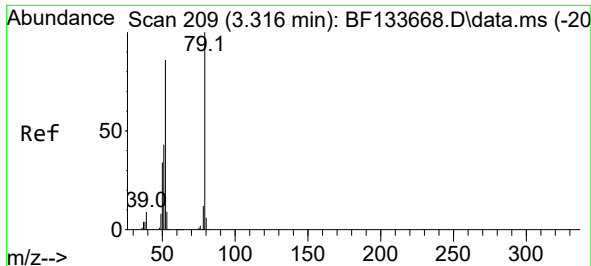
Tgt Ion:152 Resp: 124867
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.3 186.5
 115 56.5 48.5 72.7



#2
 1,4-Dioxane
 Concen: 30.123 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.076 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

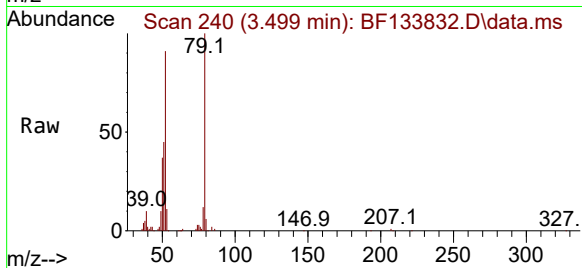
Tgt Ion: 88 Resp: 94989
 Ion Ratio Lower Upper
 88 100
 58 85.6 67.8 101.6
 43 41.0 29.8 44.6





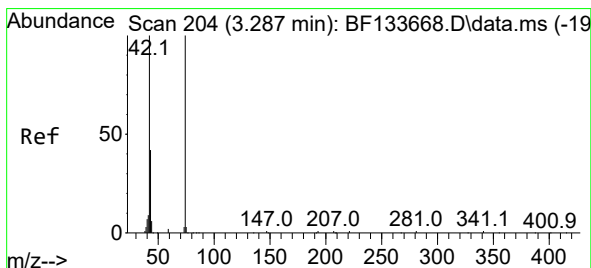
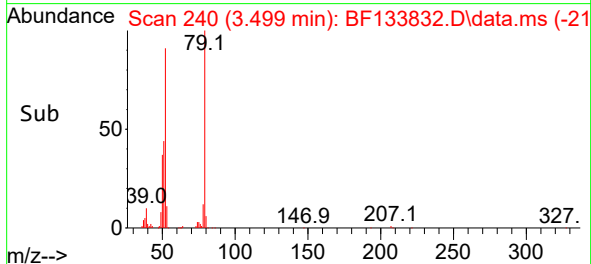
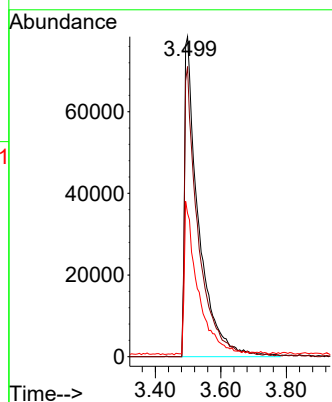
#3
 Pyridine
 Concen: 25.183 ng
 RT: 3.499 min Scan# 24
 Delta R.T. 0.071 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB153157BSD



Tgt Ion: 79 Resp: 231454

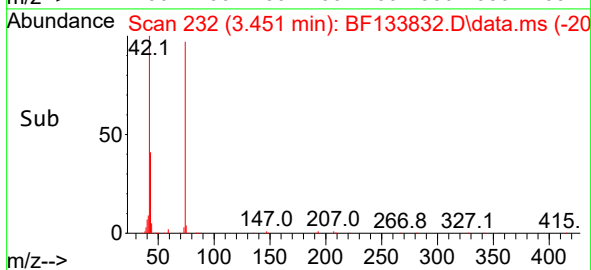
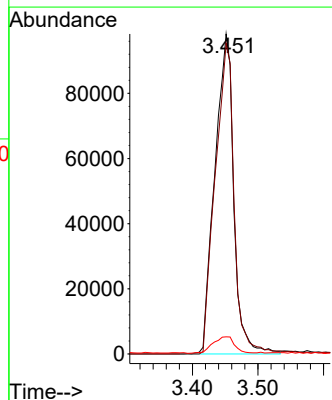
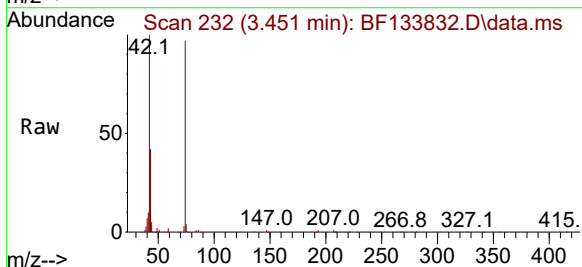
Ion	Ratio	Lower	Upper
79	100		
52	90.7	68.6	102.8
51	44.8	34.8	52.2

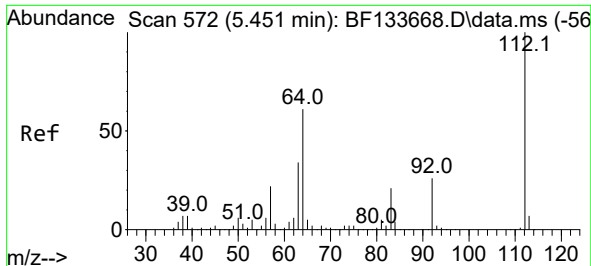


#4
 n-Nitrosodimethylamine
 Concen: 38.623 ng
 RT: 3.451 min Scan# 232
 Delta R.T. 0.065 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

Tgt Ion: 42 Resp: 196221

Ion	Ratio	Lower	Upper
42	100		
74	97.0	79.8	119.8
44	5.4	4.7	7.1

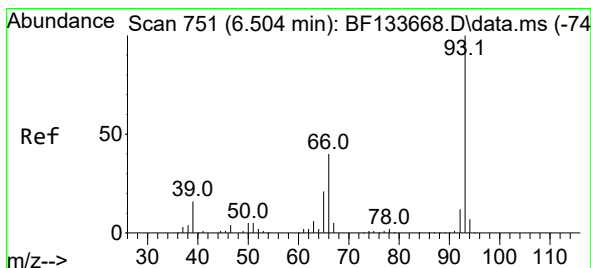
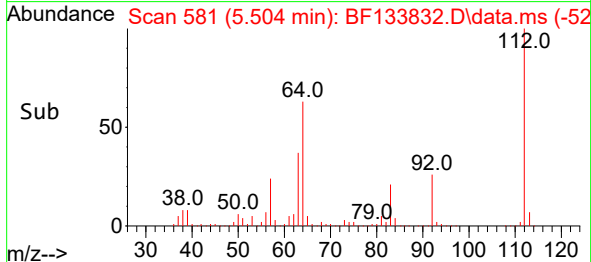
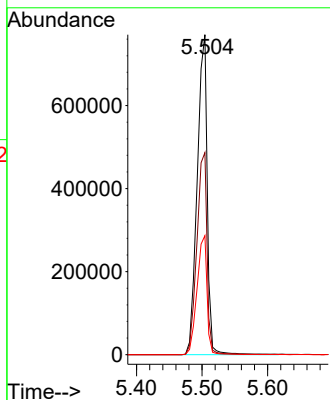
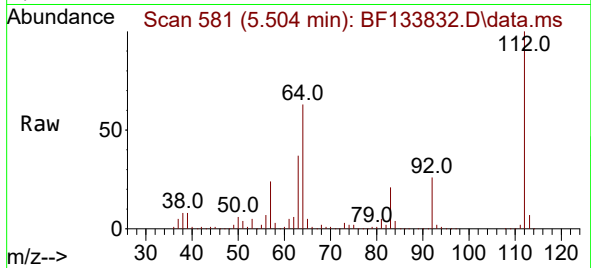




#5
2-Fluorophenol
Concen: 114.991 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

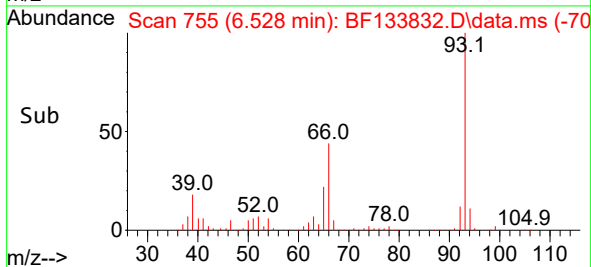
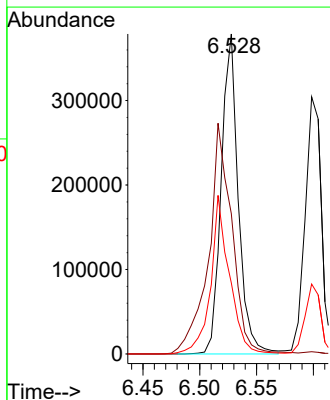
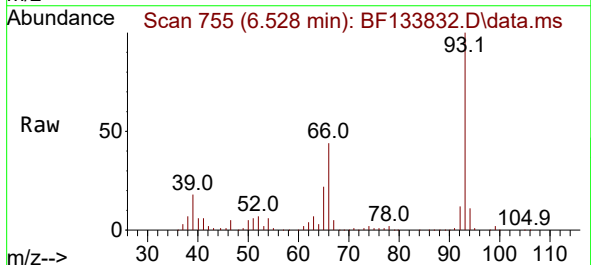
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ClientSampleId :
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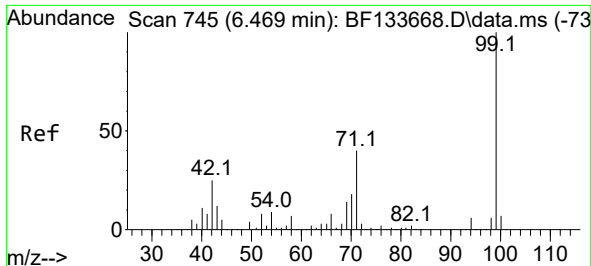
Tgt Ion:112 Resp: 824779
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.4
63 37.2 26.8 40.2



#6
Aniline
Concen: 33.704 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion: 93 Resp: 396325
Ion Ratio Lower Upper
93 100
66 43.9 34.4 51.6
65 22.2 17.5 26.3

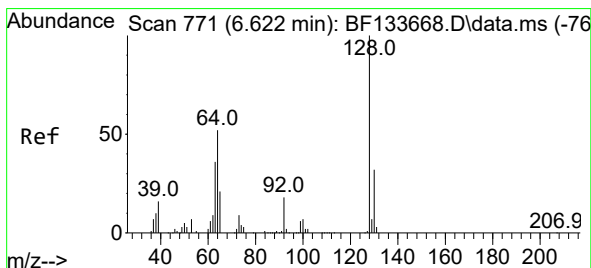
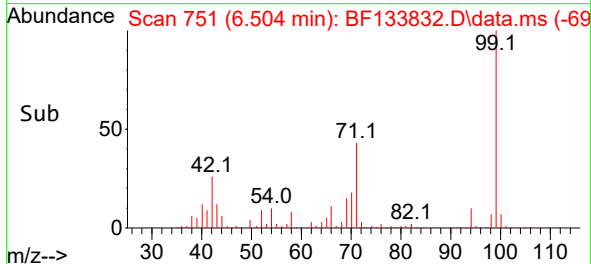
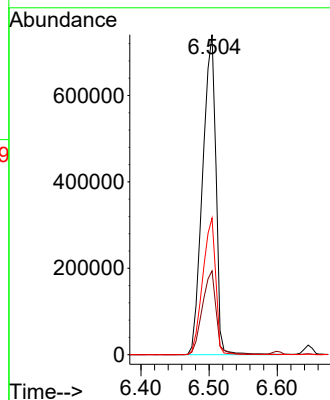
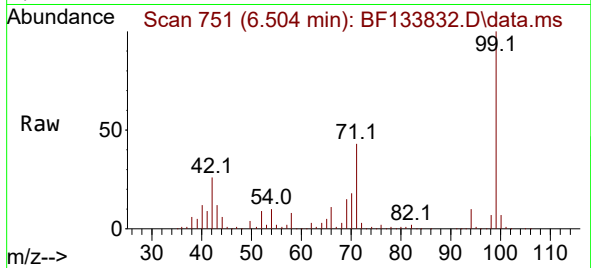




#7
Phenol-d6
Concen: 107.730 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

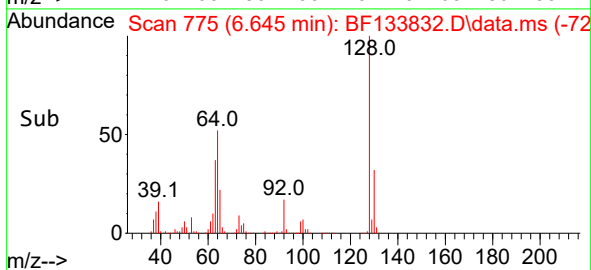
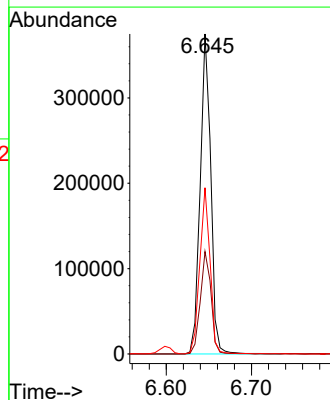
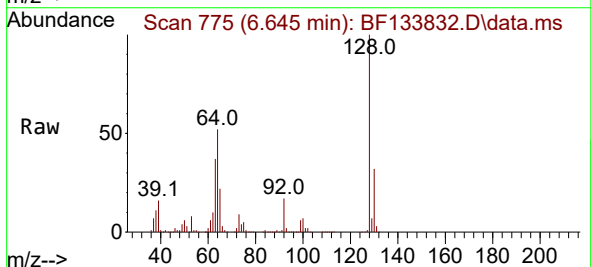
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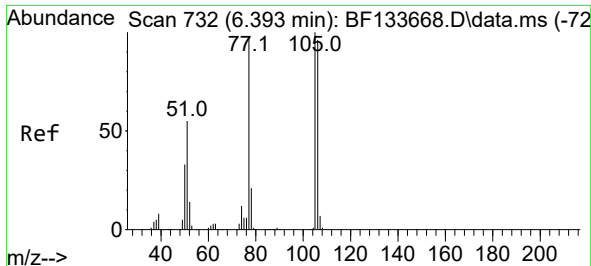
Tgt Ion: 99 Resp: 1005792
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 42.7 32.2 48.4



#8
2-Chlorophenol
Concen: 42.783 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion: 128 Resp: 323387
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 51.9 33.1 73.1

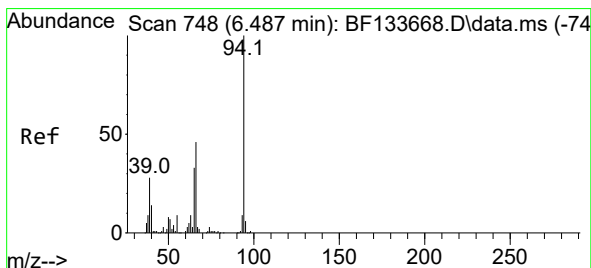
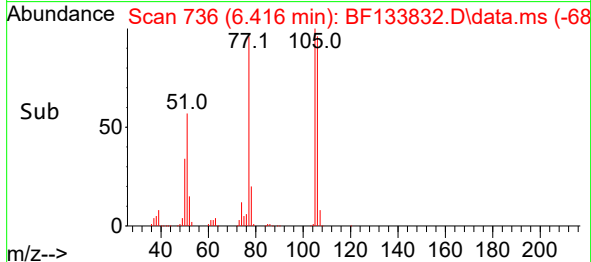
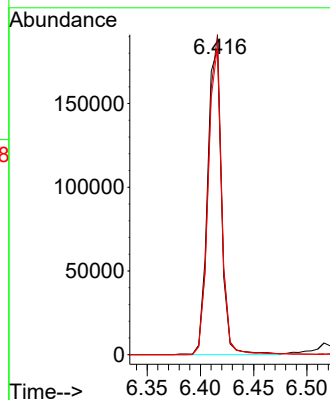
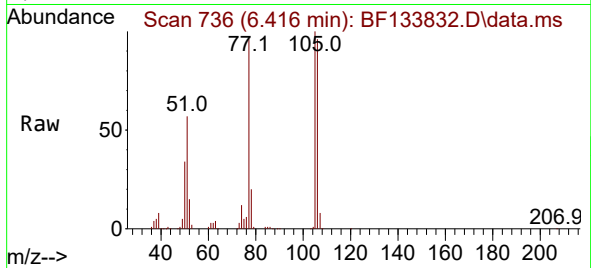




#9
Benzaldehyde
Concen: 27.219 ng
RT: 6.416 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

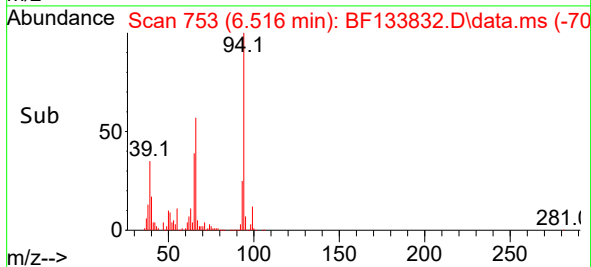
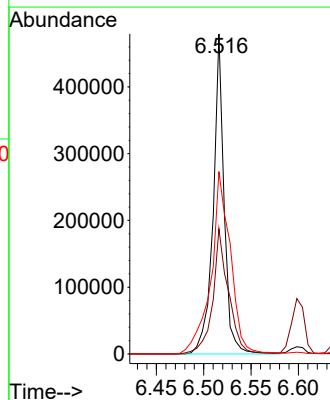
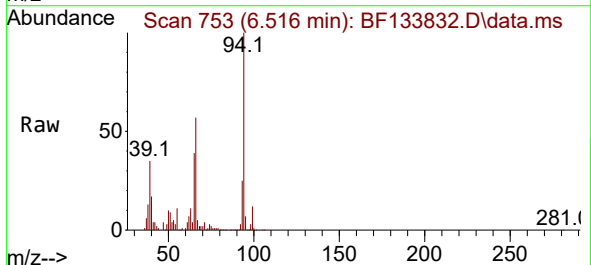
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ClientSampleId :
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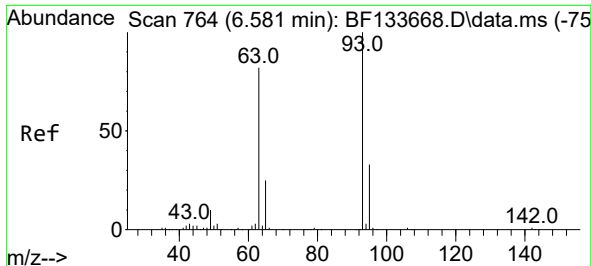
Tgt Ion: 77 Resp: 168601
Ion Ratio Lower Upper
77 100
105 104.6 82.0 122.0
106 100.7 77.6 117.6



#10
Phenol
Concen: 39.689 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion: 94 Resp: 386921
Ion Ratio Lower Upper
94 100
65 39.2 13.2 53.2
66 57.0 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 40.987 ng

RT: 6.598 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

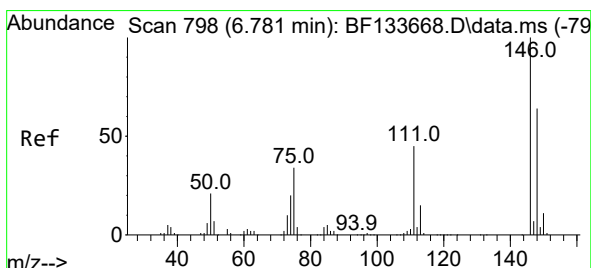
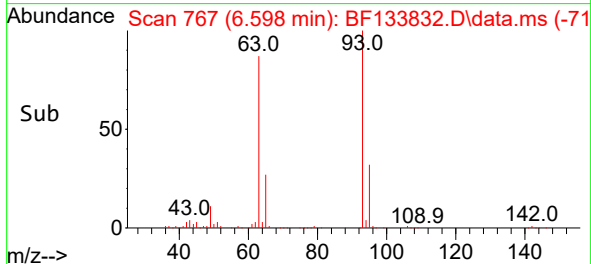
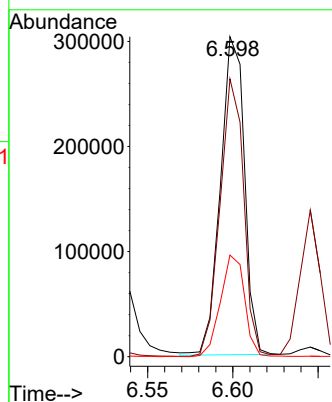
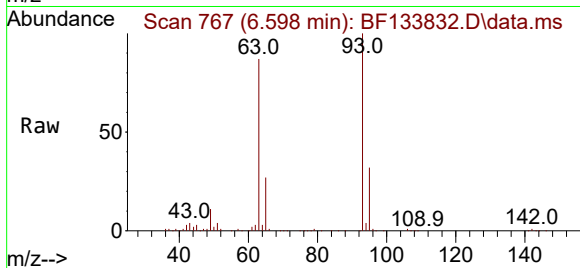
Tgt Ion: 93 Resp: 296646

Ion Ratio Lower Upper

93 100

63 86.8 62.1 102.1

95 31.8 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 41.921 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

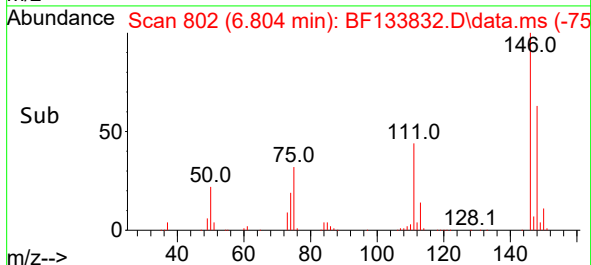
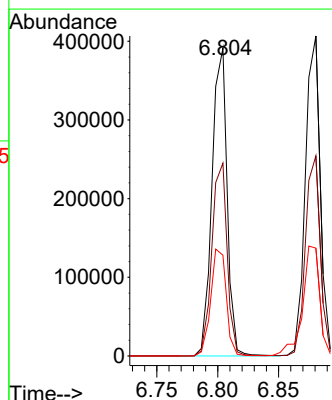
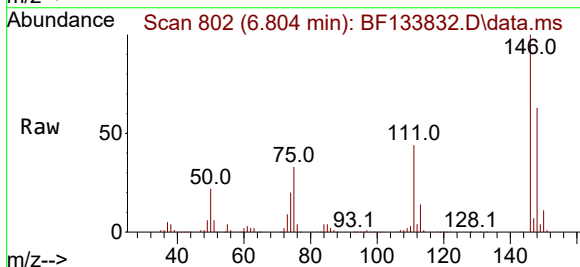
Tgt Ion:146 Resp: 338554

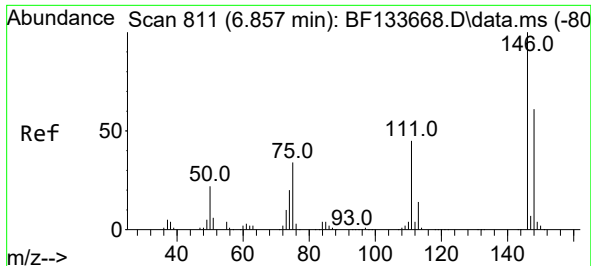
Ion Ratio Lower Upper

146 100

148 62.6 50.9 76.3

75 32.7 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 42.523 ng

RT: 6.881 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

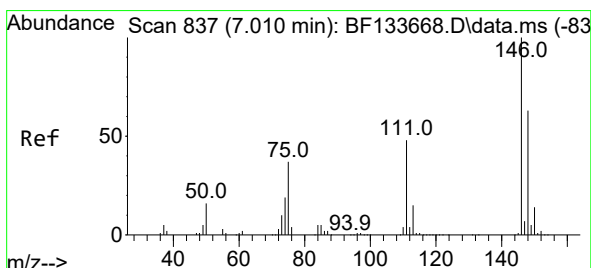
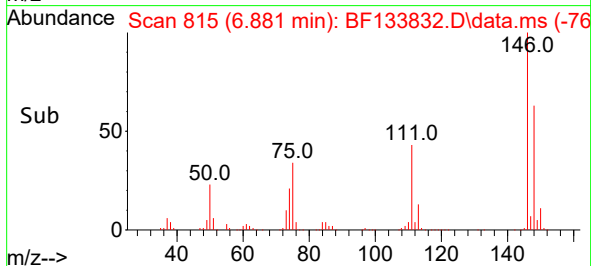
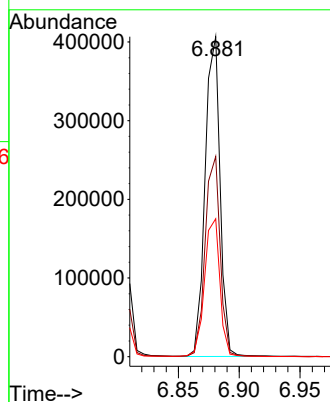
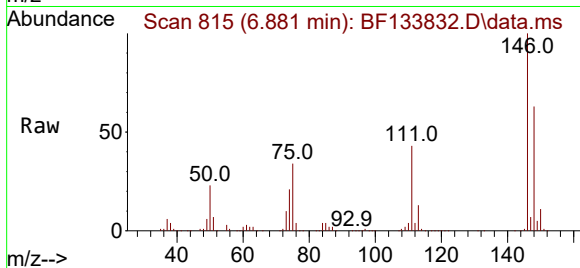
Tgt Ion:146 Resp: 347098

Ion Ratio Lower Upper

146 100

148 62.6 48.9 73.3

111 43.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 44.752 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

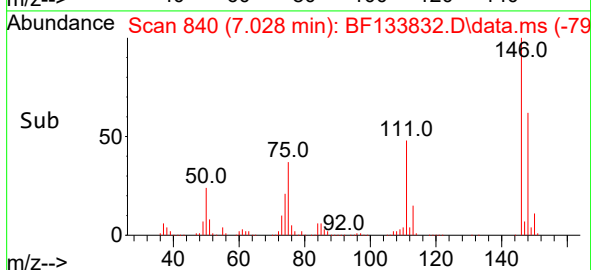
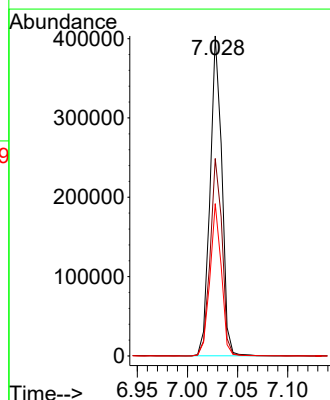
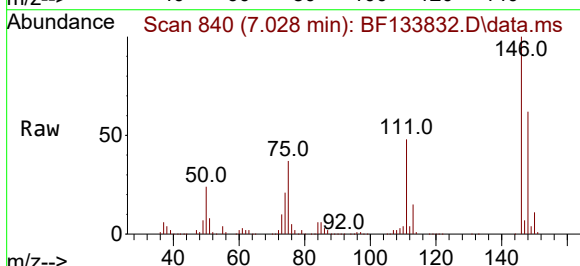
Tgt Ion:146 Resp: 330079

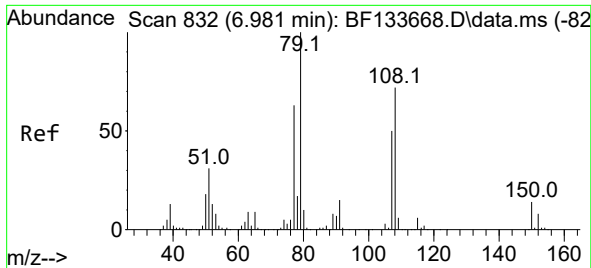
Ion Ratio Lower Upper

146 100

148 61.7 50.6 75.8

111 47.6 38.7 58.1

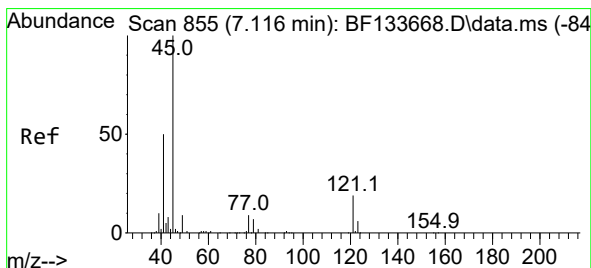
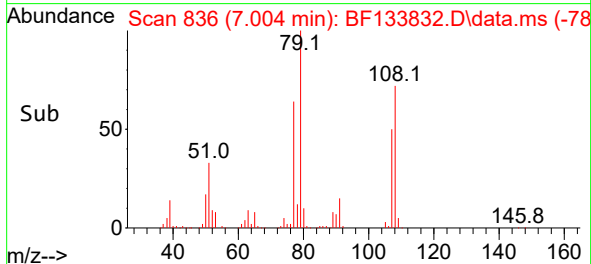
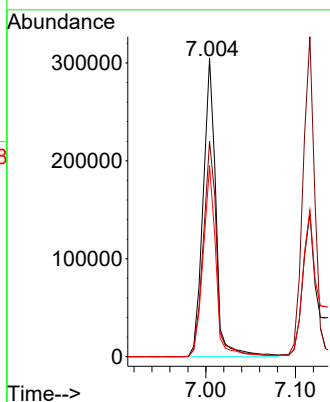
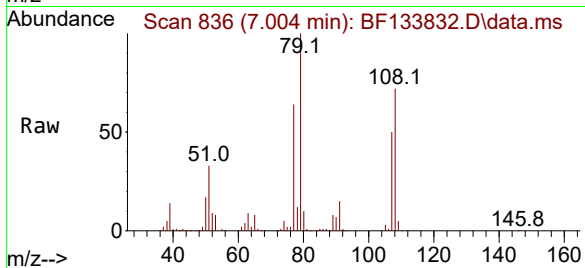




#15
Benzyl Alcohol
Concen: 41.214 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

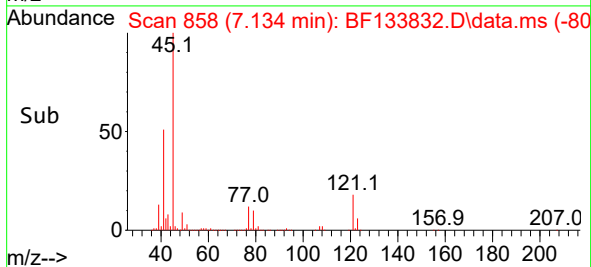
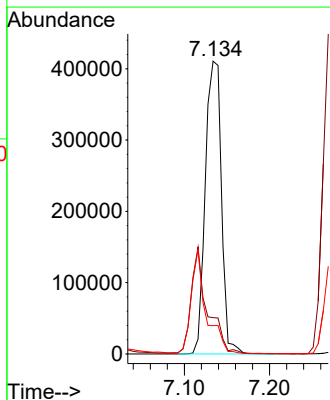
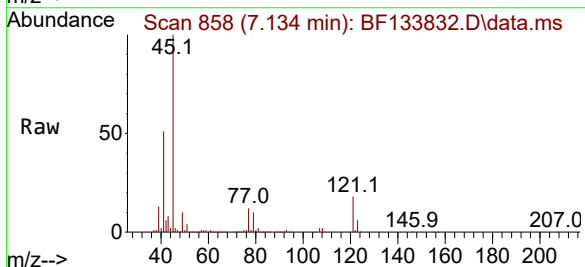
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

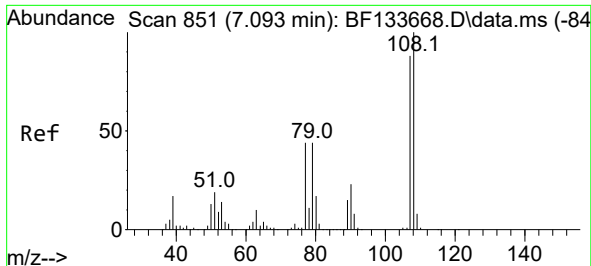
Tgt Ion: 79 Resp: 300528
Ion Ratio Lower Upper
79 100
108 72.2 57.9 86.9
77 64.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.902 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

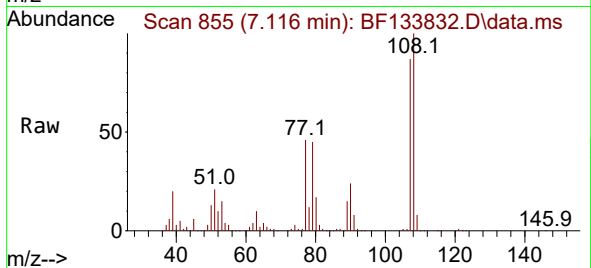
Tgt Ion: 45 Resp: 538612
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 9.7 0.0 29.4



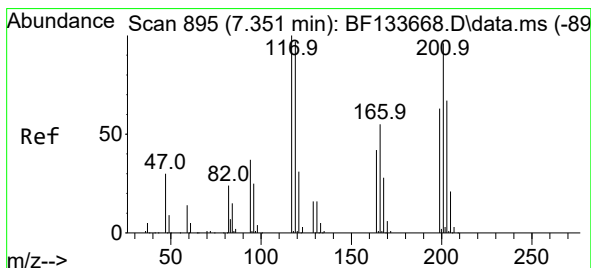
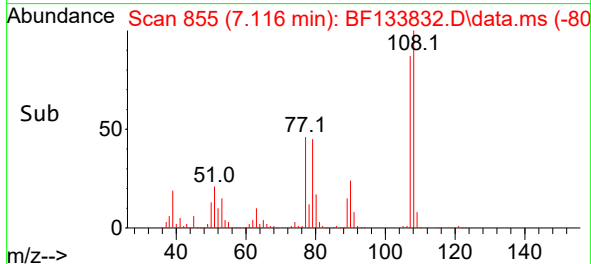
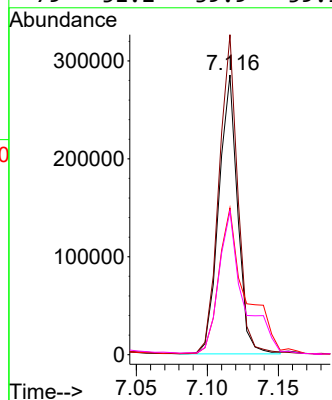


#17
2-Methylphenol
Concen: 39.107 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Instrument :
BNA_F
ClientSampleId :
PB153157BSD

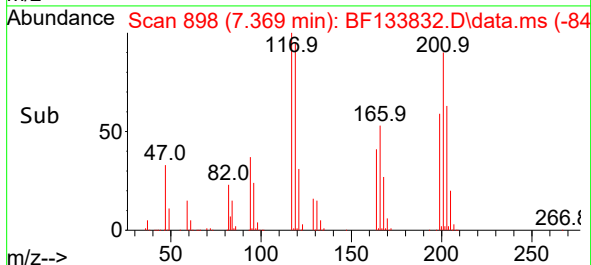
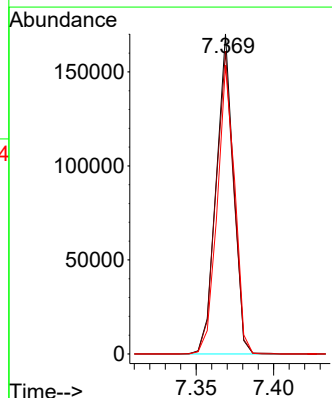
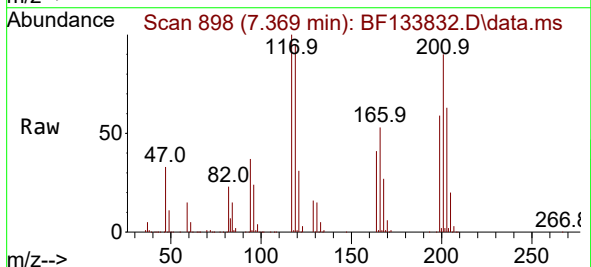


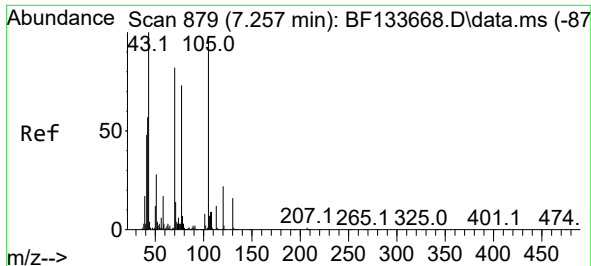
Tgt Ion:107 Resp: 262006
Ion Ratio Lower Upper
107 100
108 114.4 90.9 136.3
77 52.5 39.8 59.6
79 51.2 39.9 59.9



#18
Hexachloroethane
Concen: 47.354 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:117 Resp: 132329
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
201 90.2 76.8 115.2

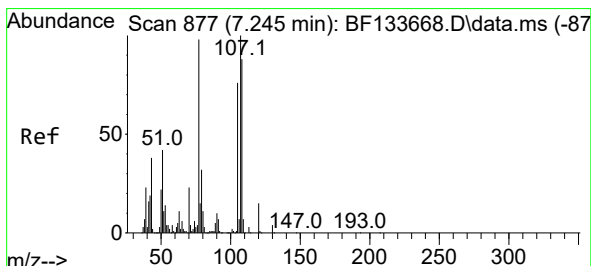
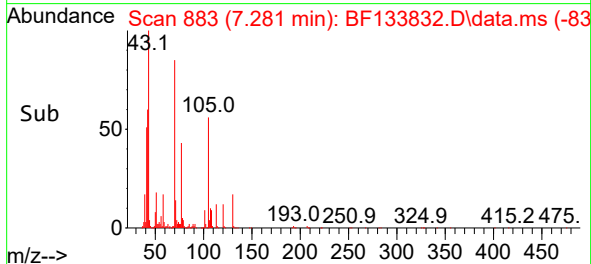
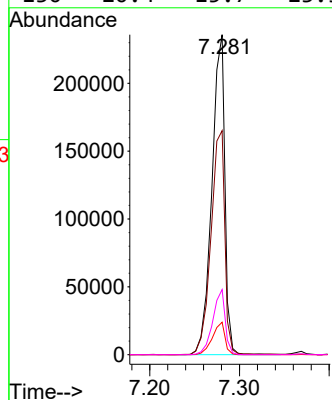
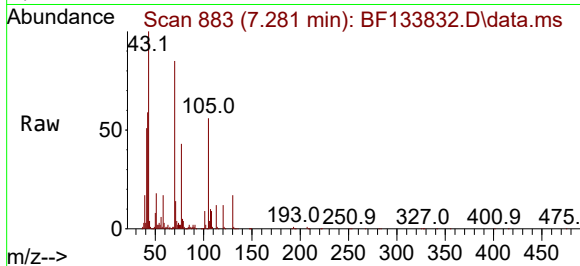




#19
n-Nitroso-di-n-propylamine
Concen: 39.874 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

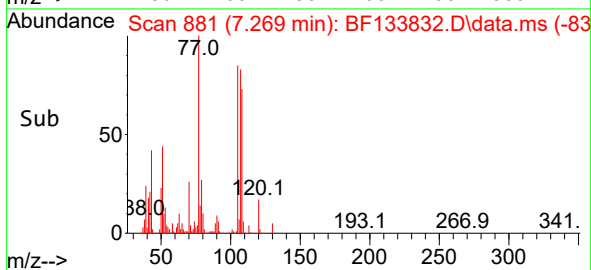
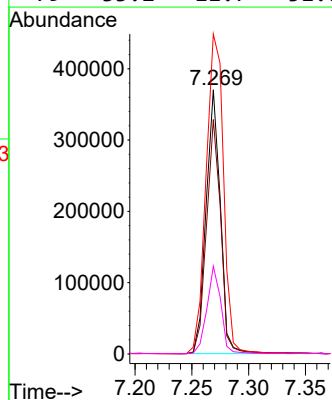
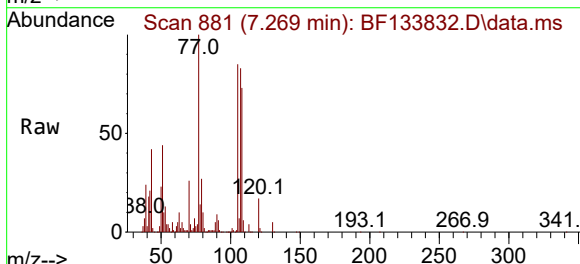
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

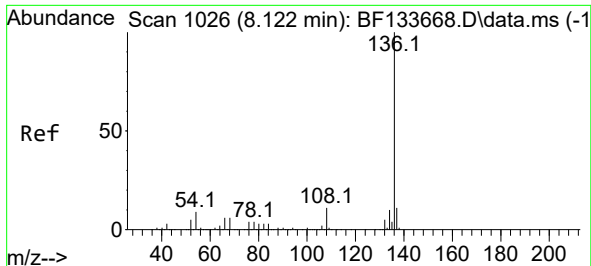
Tgt Ion: 70 Resp: 236856
Ion Ratio Lower Upper
70 100
42 70.0 55.8 83.8
101 10.2 8.1 12.1
130 20.4 15.7 23.5



#20
3+4-Methylphenols
Concen: 37.067 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion: 107 Resp: 323061
Ion Ratio Lower Upper
107 100
108 88.7 67.9 107.9
77 121.1 77.7 117.7#
79 33.2 11.7 51.7

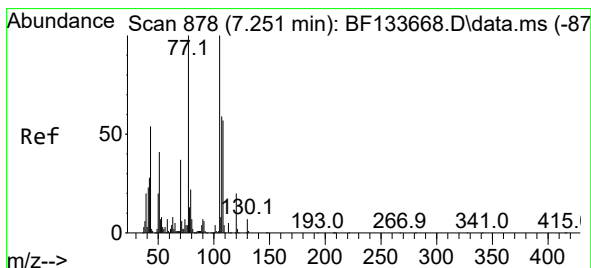
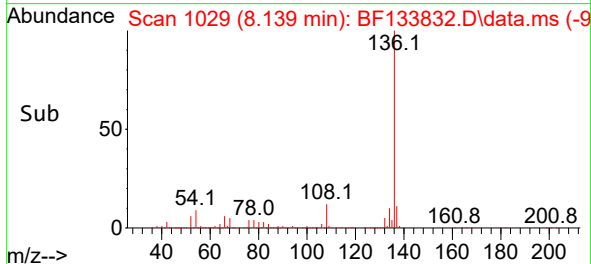
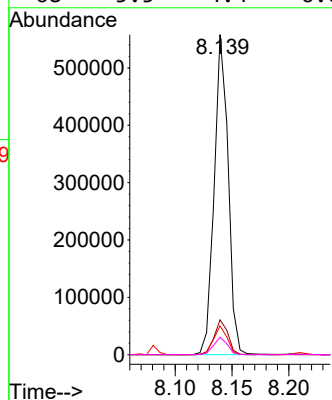
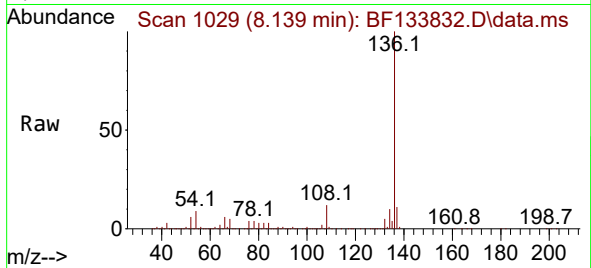




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

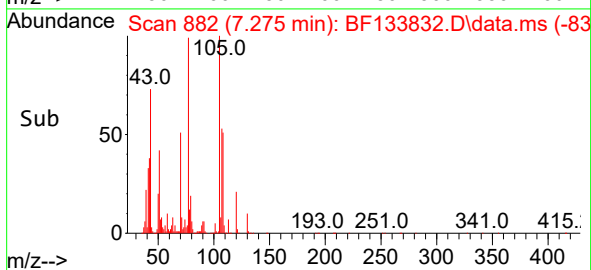
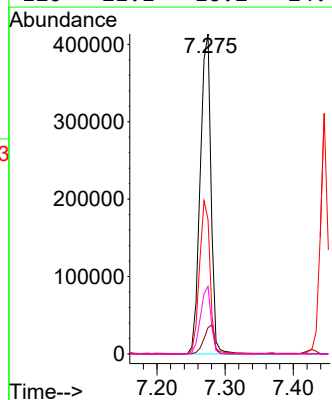
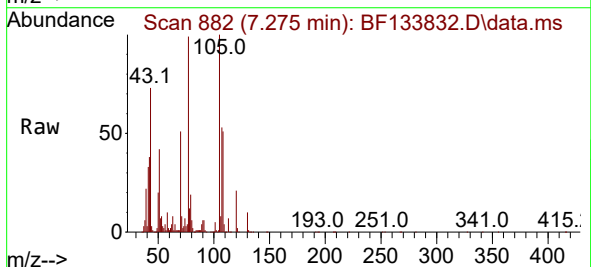
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

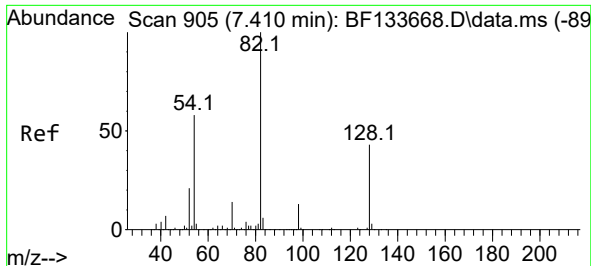
Tgt Ion:136 Resp: 477442
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.4 11.0
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 41.593 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:105 Resp: 455461
Ion Ratio Lower Upper
105 100
71 8.3 4.8 7.2#
51 42.0 33.0 49.4
120 21.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 79.494 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

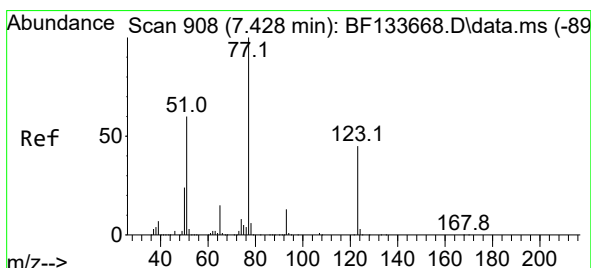
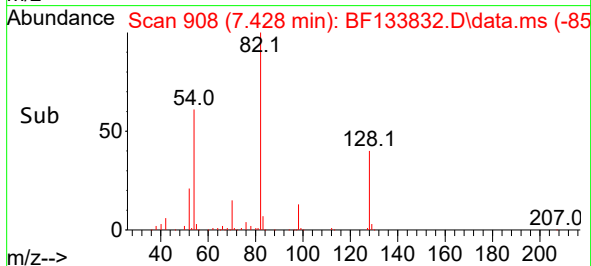
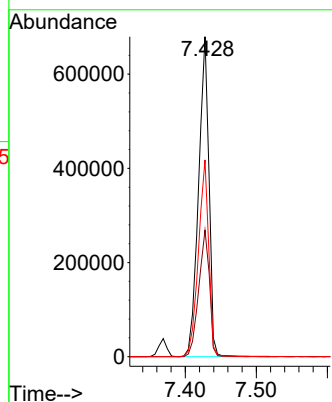
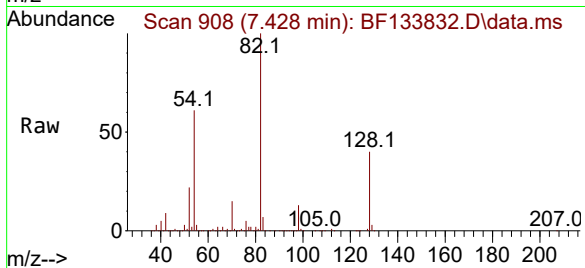
Tgt Ion: 82 Resp: 696822

Ion Ratio Lower Upper

82 100

128 39.6 34.2 51.2

54 61.5 46.5 69.7



#24

Nitrobenzene

Concen: 40.476 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

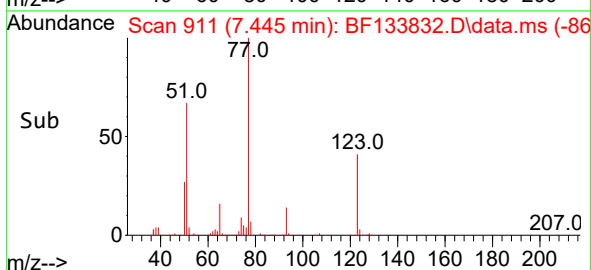
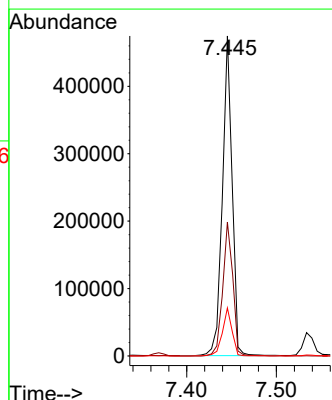
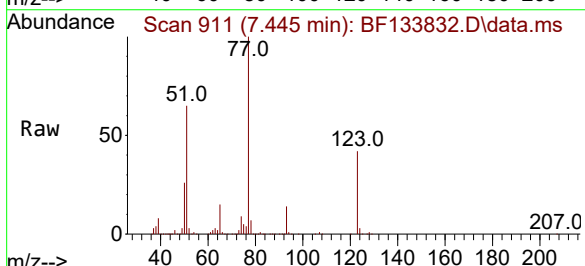
Tgt Ion: 77 Resp: 357265

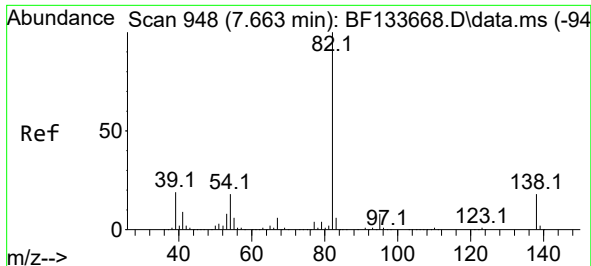
Ion Ratio Lower Upper

77 100

123 41.9 35.8 53.8

65 15.0 11.6 17.4

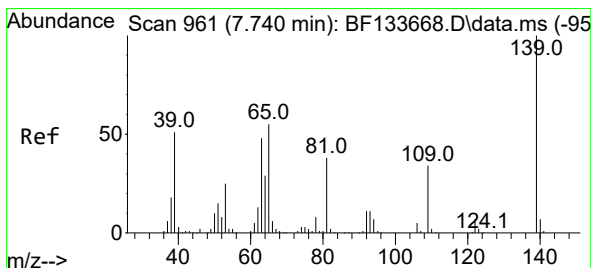
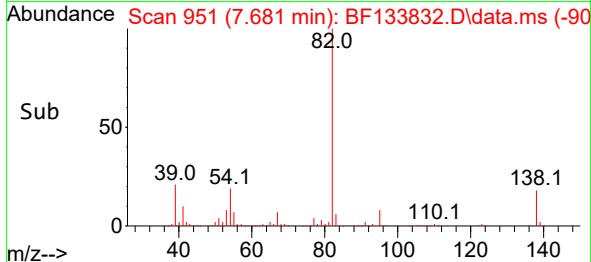
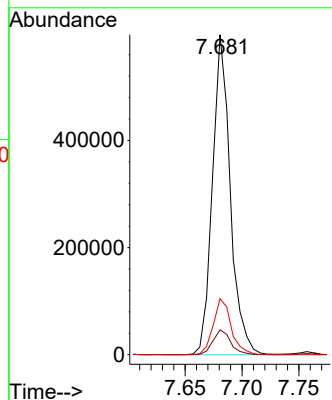
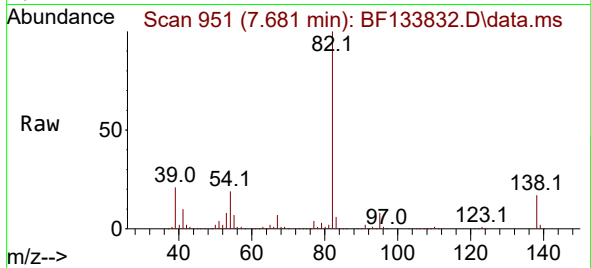




#25
Isophorone
Concen: 40.490 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

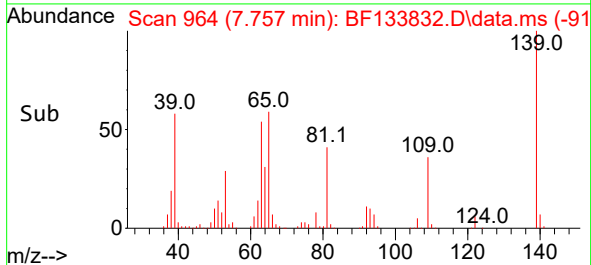
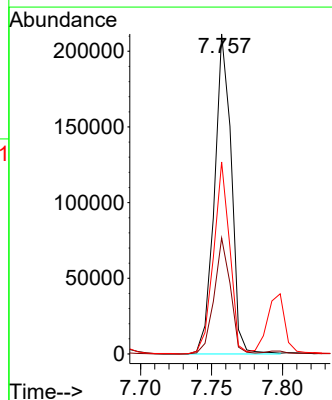
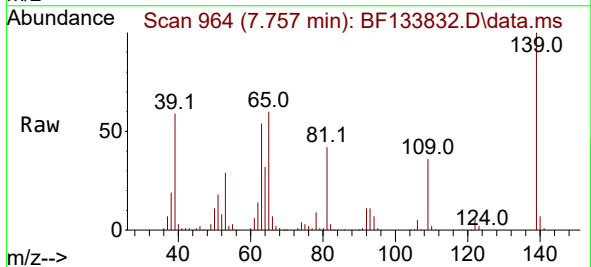
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

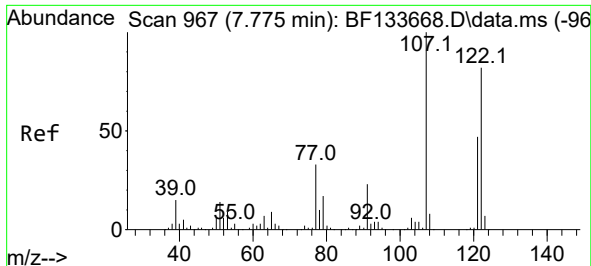
Tgt Ion: 82 Resp: 651601
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.5 14.2 21.2



#26
2-Nitrophenol
Concen: 44.127 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:139 Resp: 174799
Ion Ratio Lower Upper
139 100
109 36.3 27.0 40.6
65 60.0 44.2 66.4

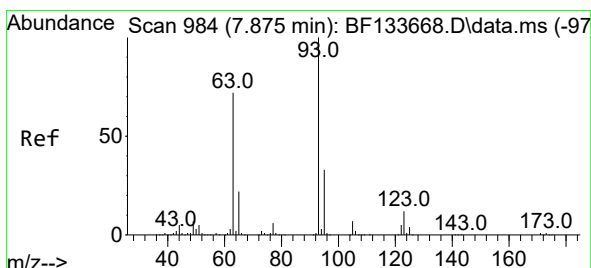
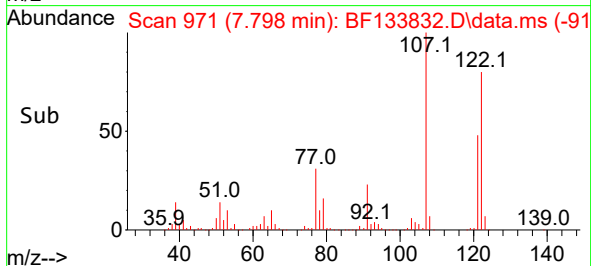
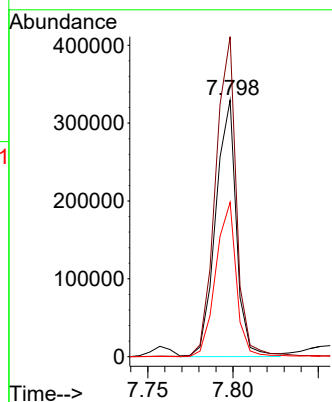
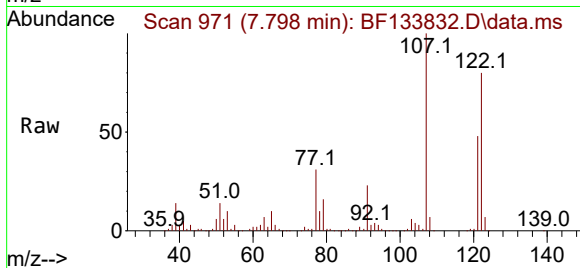




#27
2,4-Dimethylphenol
Concen: 40.855 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

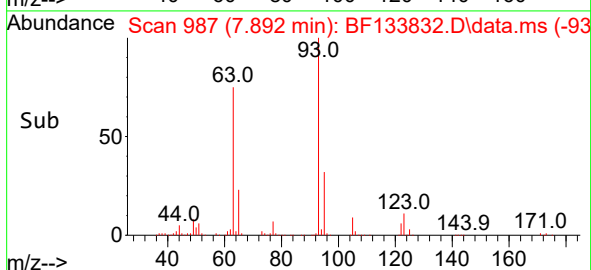
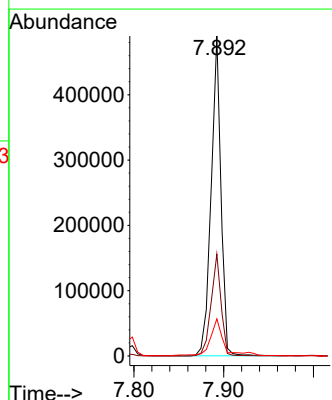
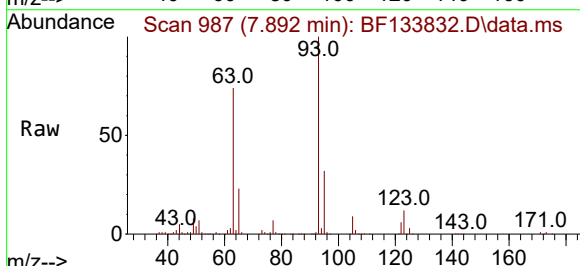
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

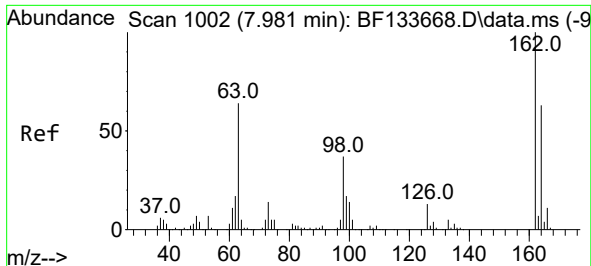
Tgt Ion:122 Resp: 278945
Ion Ratio Lower Upper
122 100
107 124.7 97.8 146.6
121 60.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.043 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion: 93 Resp: 372444
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 11.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.148 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

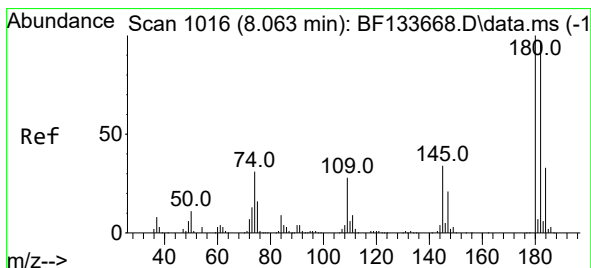
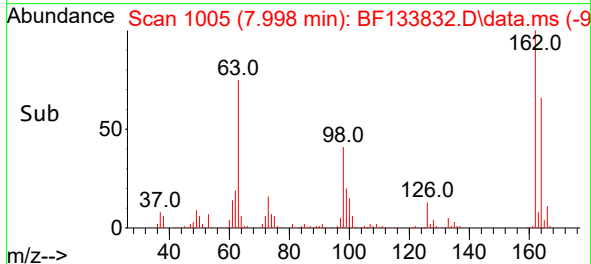
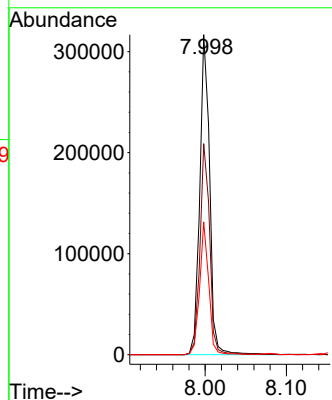
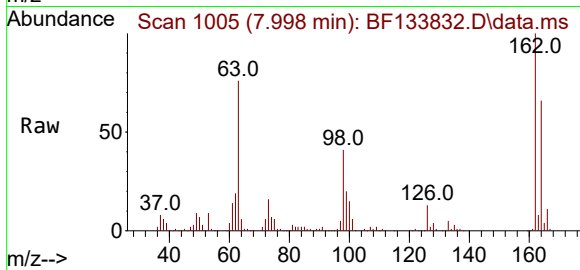
Tgt Ion:162 Resp: 268657

Ion Ratio Lower Upper

162 100

164 65.9 43.4 83.4

98 41.5 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 40.933 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

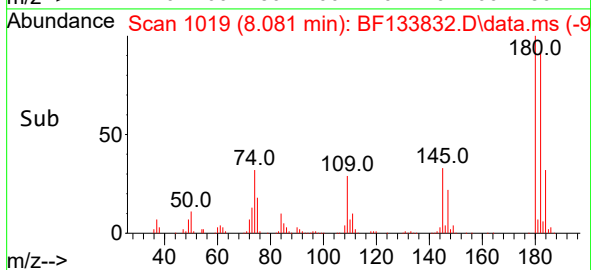
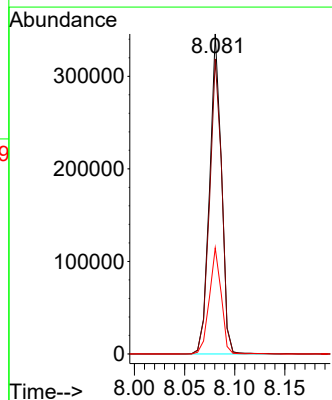
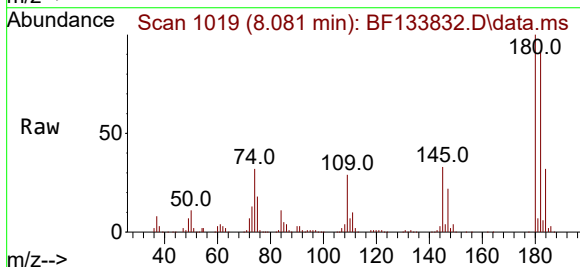
Tgt Ion:180 Resp: 285777

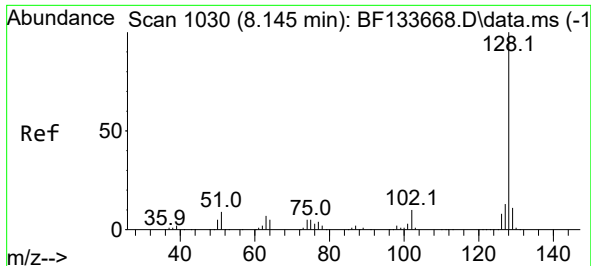
Ion Ratio Lower Upper

180 100

182 92.2 77.8 116.8

145 33.2 27.0 40.4

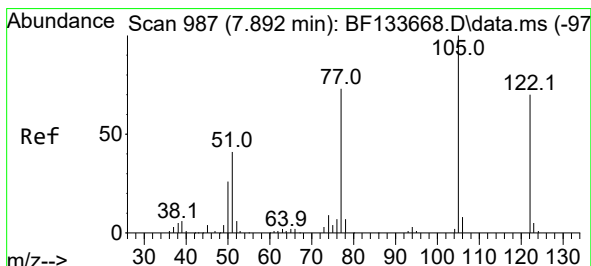
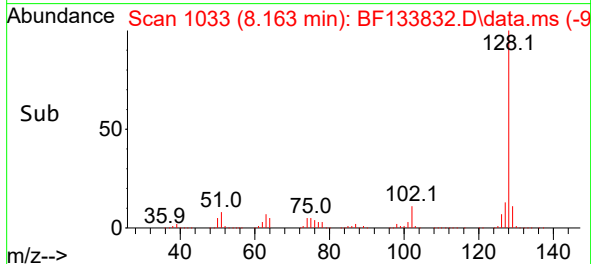
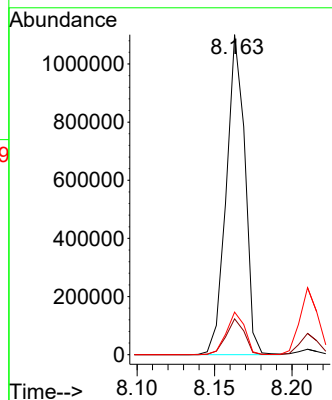
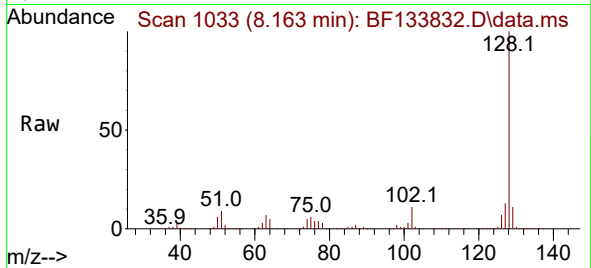




#31
Naphthalene
Concen: 39.520 ng
RT: 8.163 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

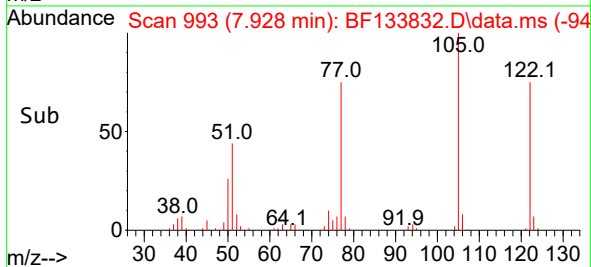
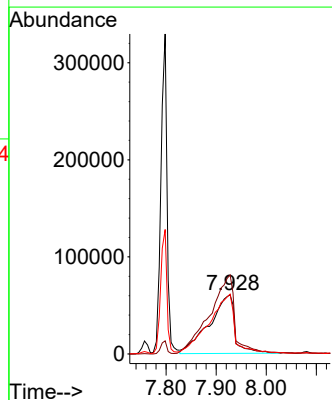
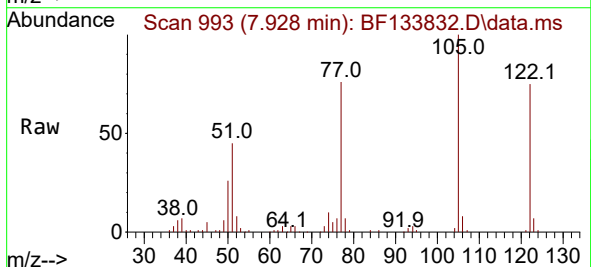
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

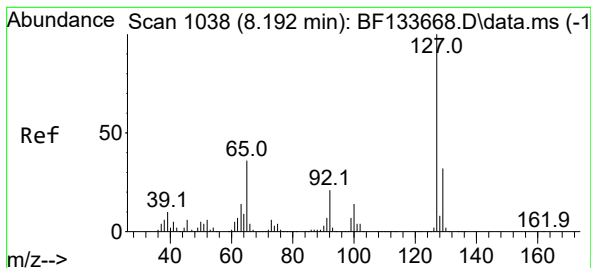
Tgt Ion:128 Resp: 919273
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 50.160 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:122 Resp: 215992
Ion Ratio Lower Upper
122 100
105 133.4 116.3 156.3
77 101.0 82.4 122.4





#33

4-Chloroaniline

Concen: 20.185 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

Tgt Ion:127 Resp: 200755

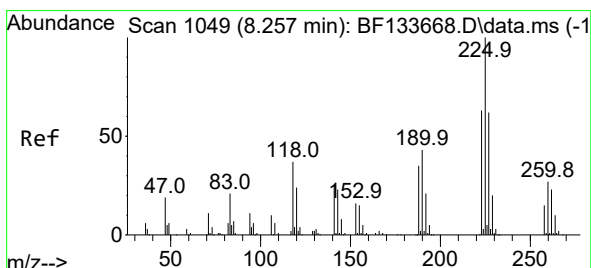
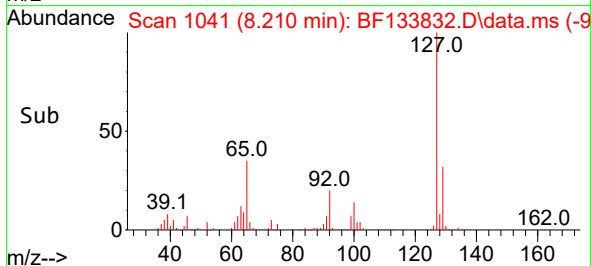
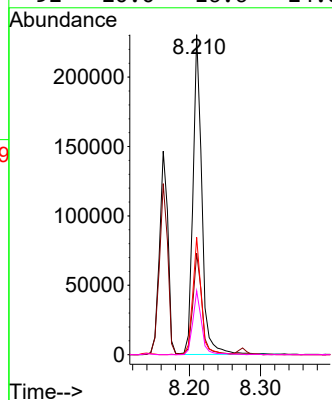
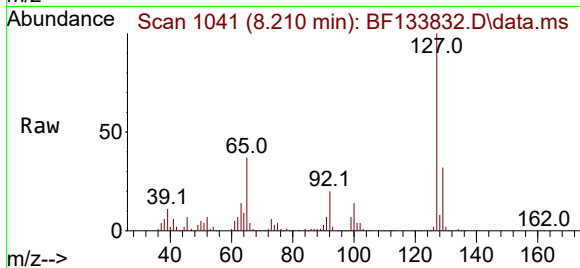
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 36.7 28.9 43.3

92 20.0 16.6 24.8



#34

Hexachlorobutadiene

Concen: 40.356 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

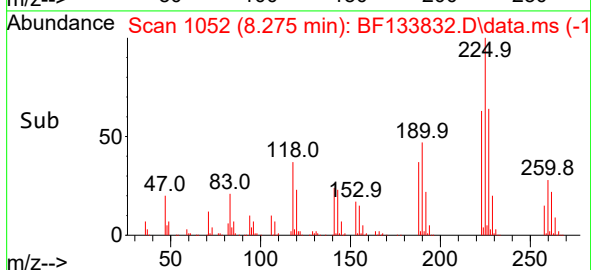
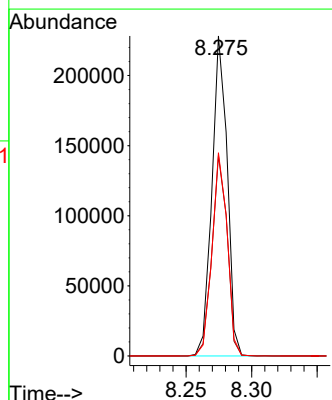
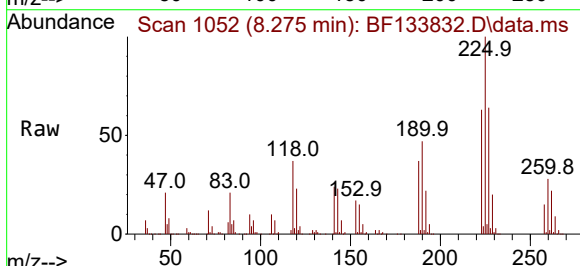
Tgt Ion:225 Resp: 184467

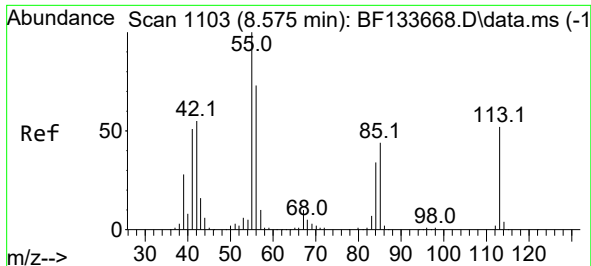
Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.4

227 63.5 49.5 74.3

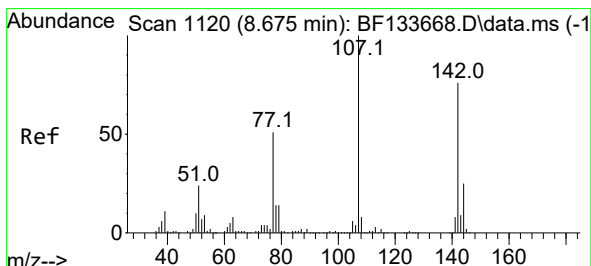
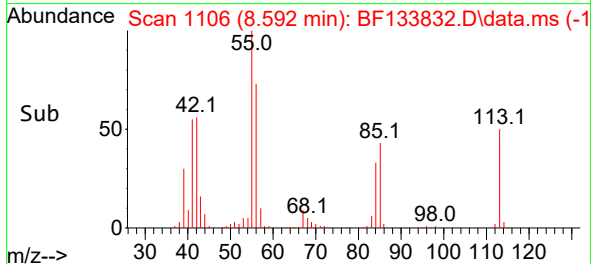
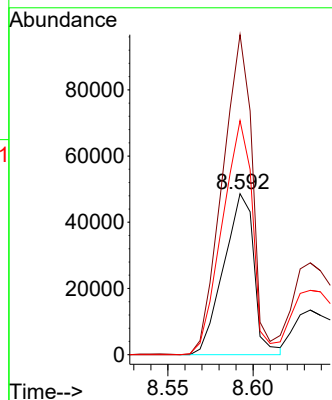
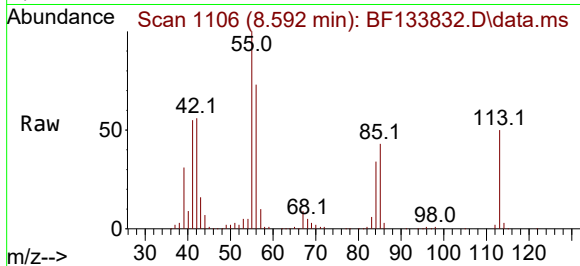




#35
 Caprolactam
 Concen: 26.732 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

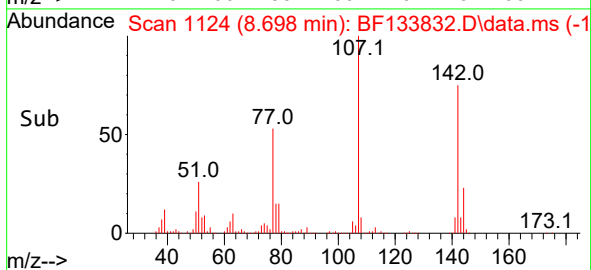
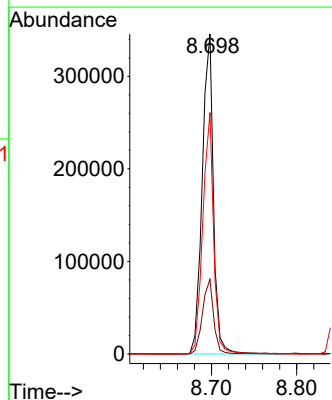
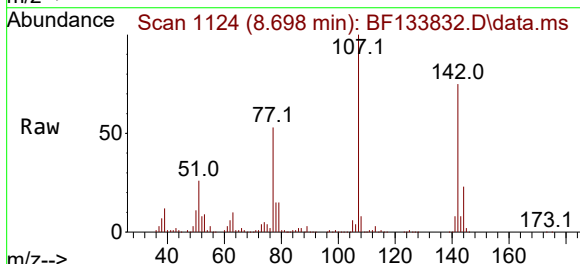
Instrument :
 BNA_F
 ClientSampleId :
 PB153157BSD

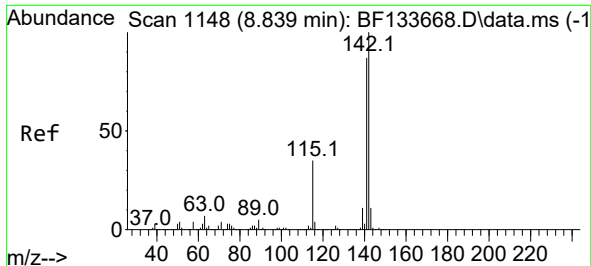
Tgt Ion:113 Resp: 60193
 Ion Ratio Lower Upper
 113 100
 55 198.8 173.3 213.3
 56 145.5 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.850 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

Tgt Ion:107 Resp: 315084
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 75.5 61.1 91.7

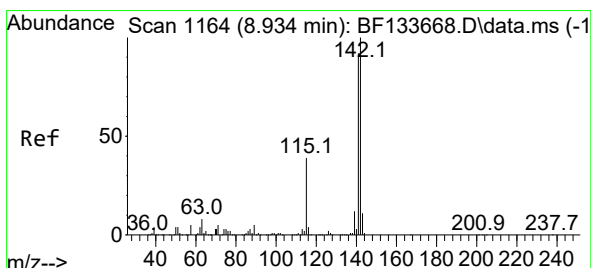
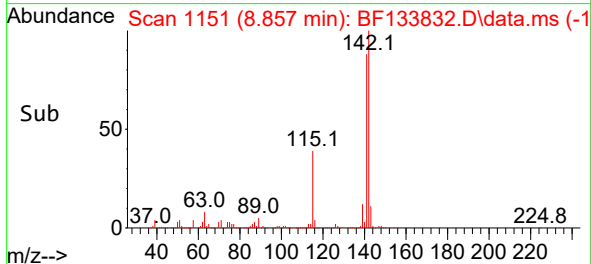
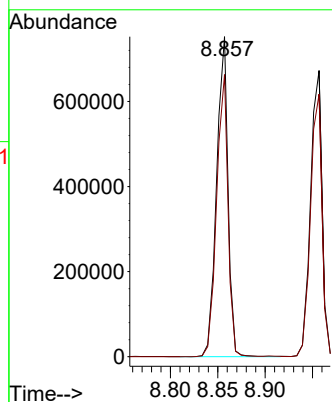
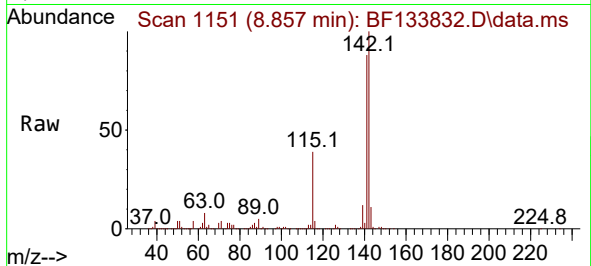




#37
2-Methylnaphthalene
Concen: 38.805 ng
RT: 8.857 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

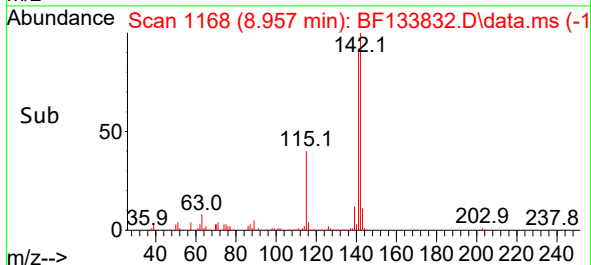
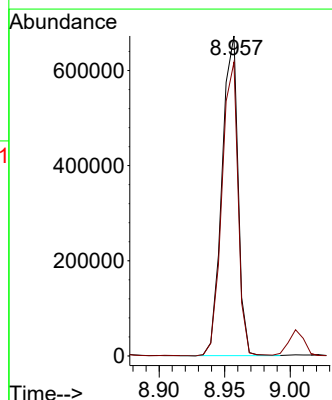
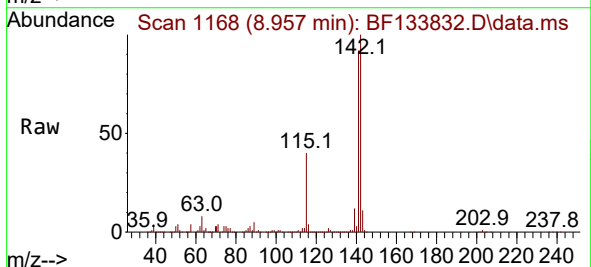
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

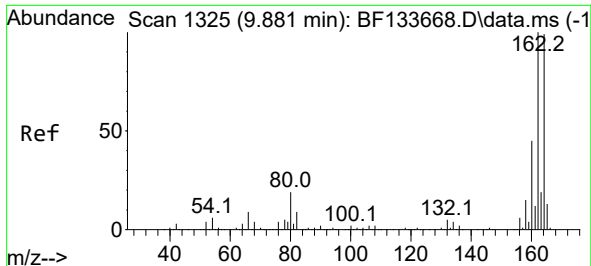
Tgt Ion:142 Resp: 627173
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.8



#38
1-Methylnaphthalene
Concen: 38.419 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:142 Resp: 571373
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

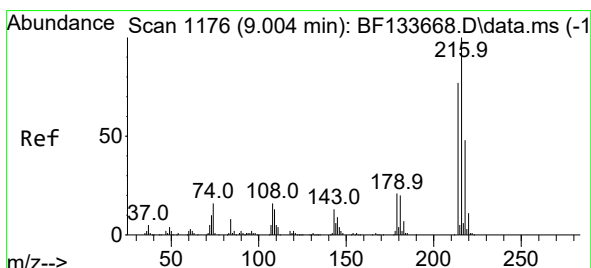
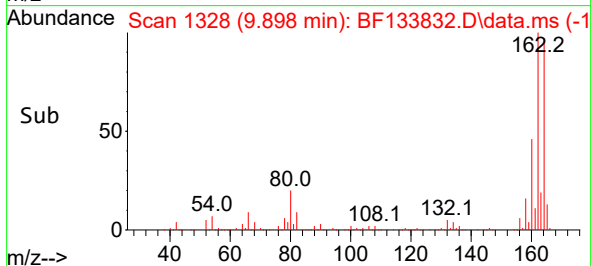
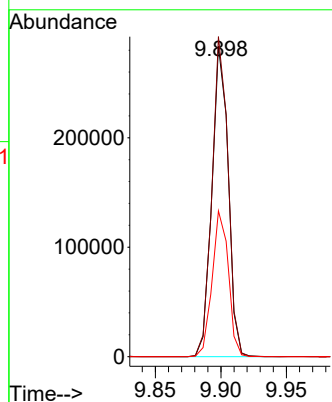
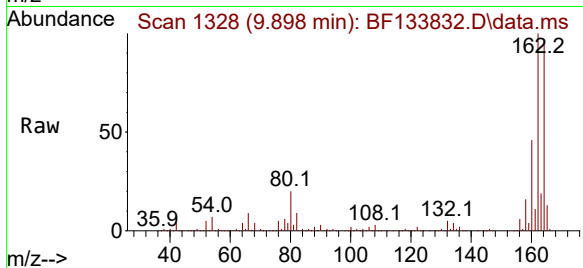
Tgt Ion:164 Resp: 245329

Ion Ratio Lower Upper

164 100

162 103.0 80.8 121.2

160 46.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.064 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Tgt Ion:216 Resp: 291349

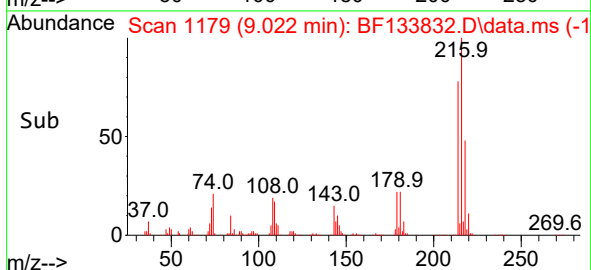
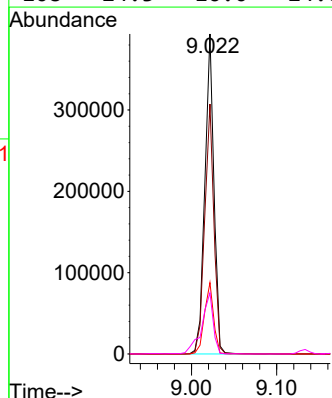
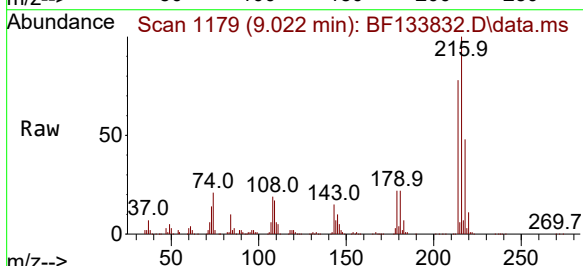
Ion Ratio Lower Upper

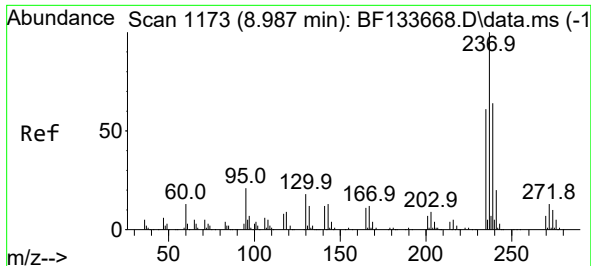
216 100

214 79.3 62.7 94.1

179 22.4 17.6 26.4

108 24.3 16.0 24.0#

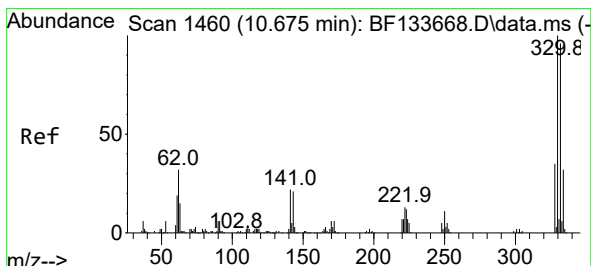
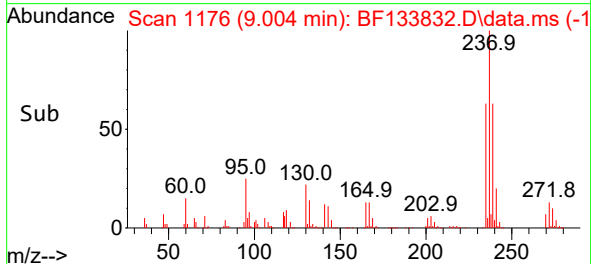
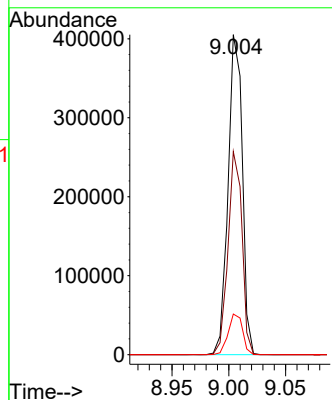
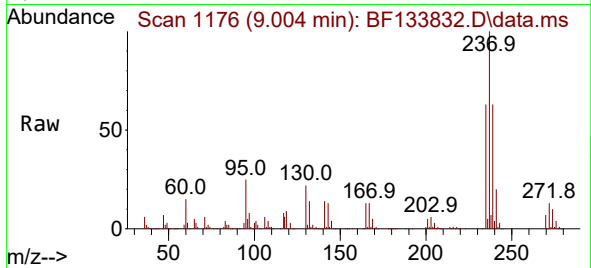




#41
Hexachlorocyclopentadiene
Concen: 106.214 ng
RT: 9.004 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

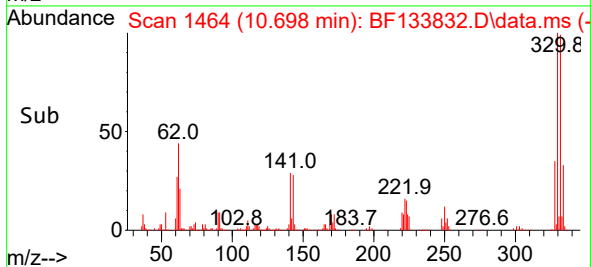
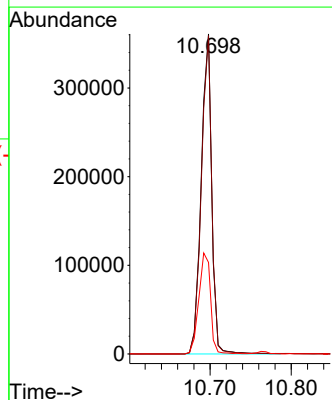
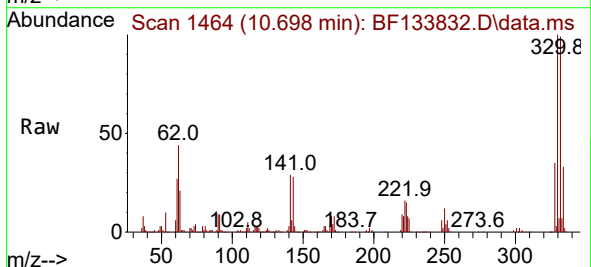
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

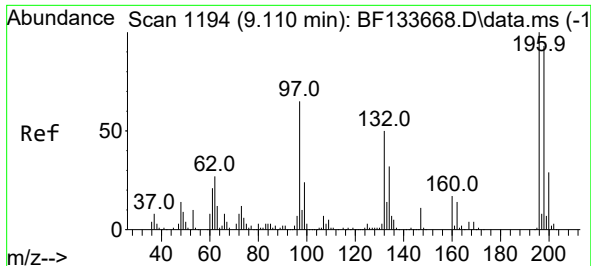
Tgt Ion:237 Resp: 353016
Ion Ratio Lower Upper
237 100
235 63.4 40.6 80.6
272 12.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 104.749 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:330 Resp: 325289
Ion Ratio Lower Upper
330 100
332 98.4 77.2 115.8
141 35.1 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 40.500 ng

RT: 9.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

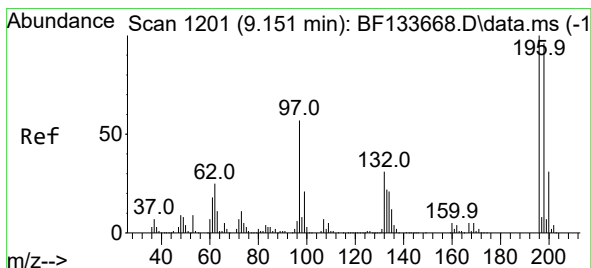
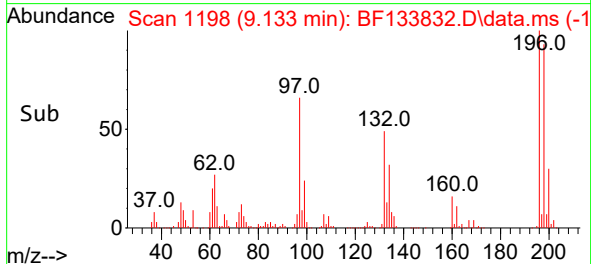
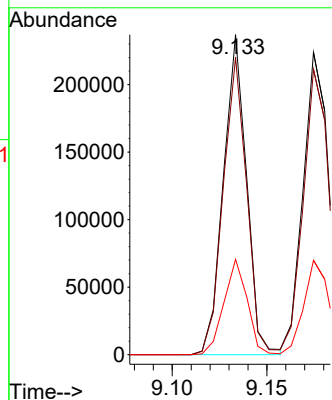
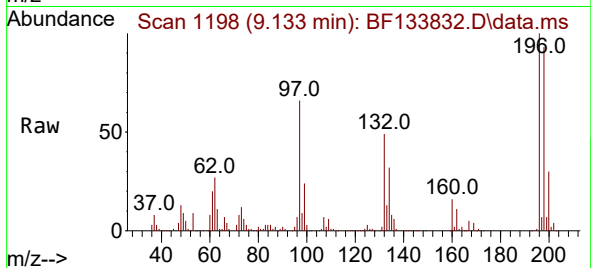
Tgt Ion:196 Resp: 201848

Ion Ratio Lower Upper

196 100

198 92.9 74.5 111.7

200 29.8 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 37.208 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Tgt Ion:196 Resp: 215741

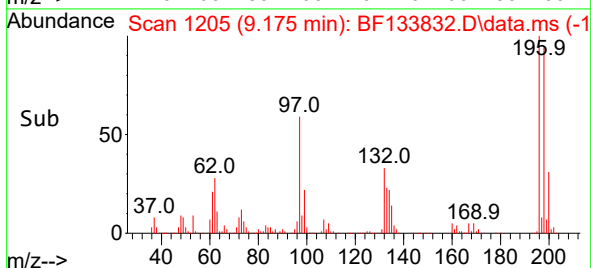
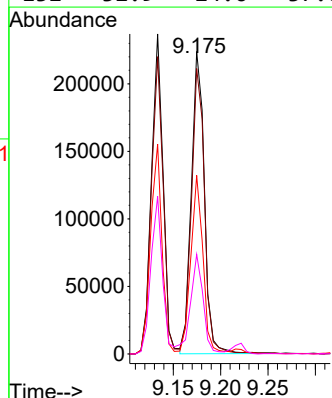
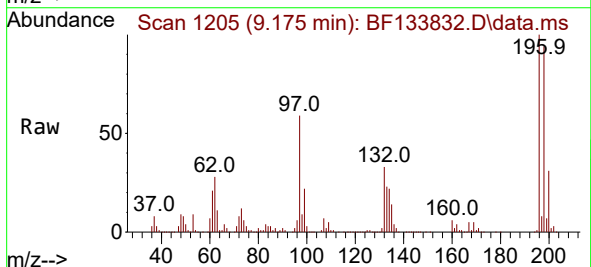
Ion Ratio Lower Upper

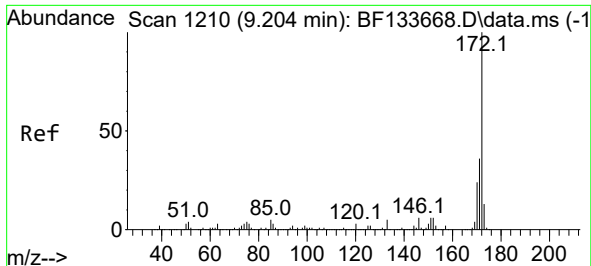
196 100

198 94.4 76.8 115.2

97 59.0 45.4 68.2

132 32.9 24.6 37.0

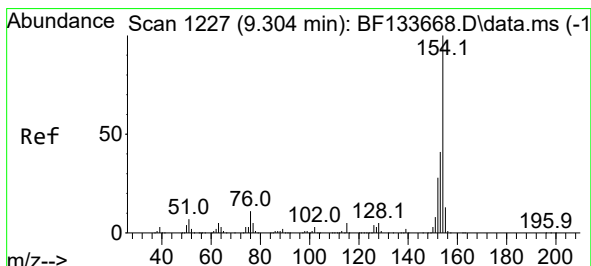
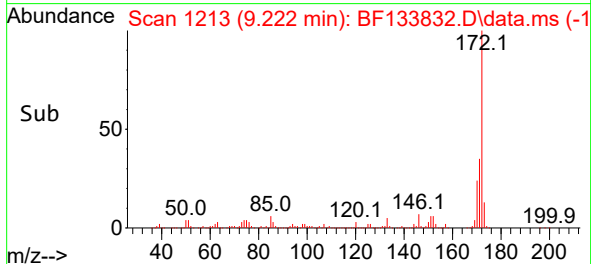
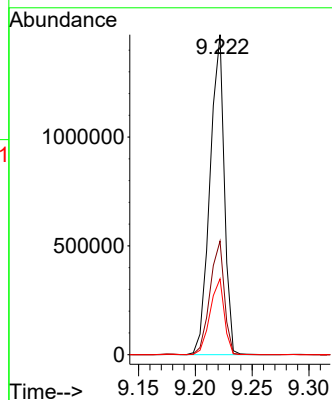
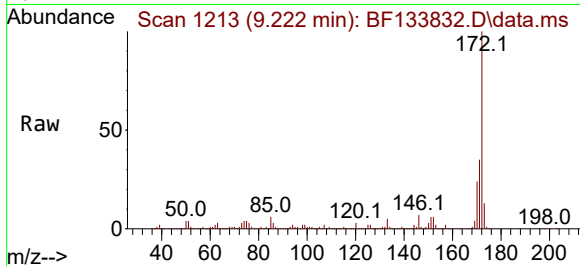




#45
2-Fluorobiphenyl
Concen: 74.648 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

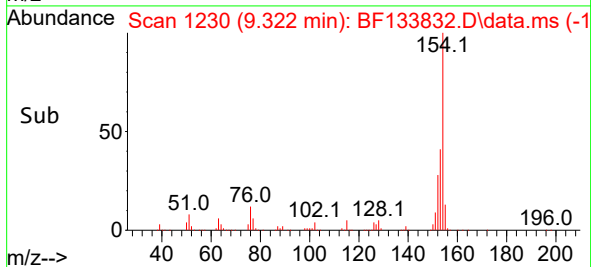
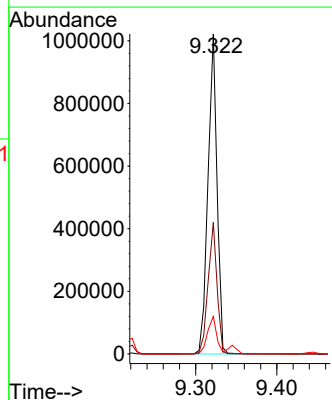
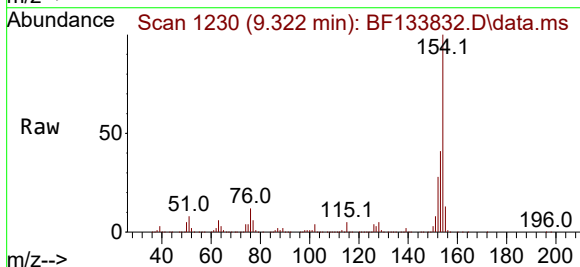
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

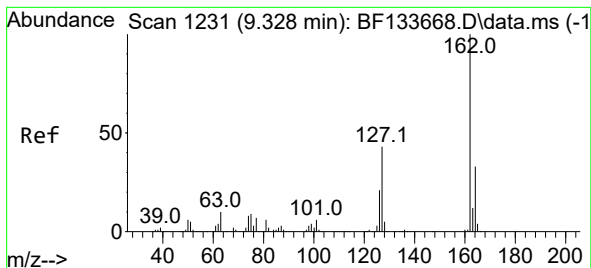
Tgt Ion:172 Resp: 1288298
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.860 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:154 Resp: 788673
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 11.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.742 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

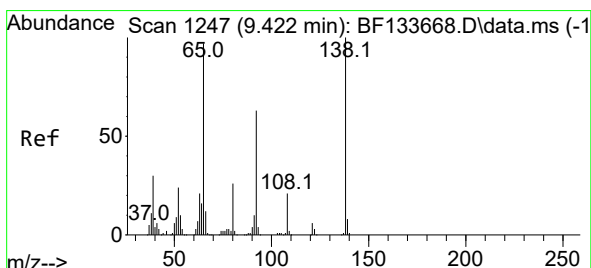
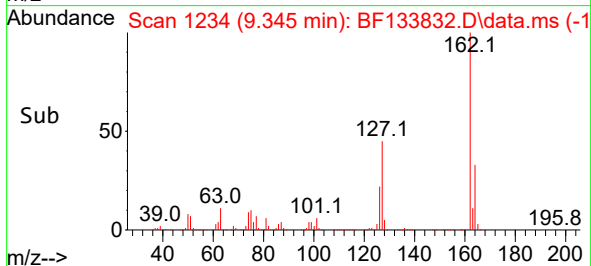
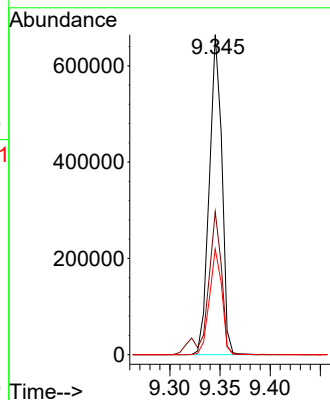
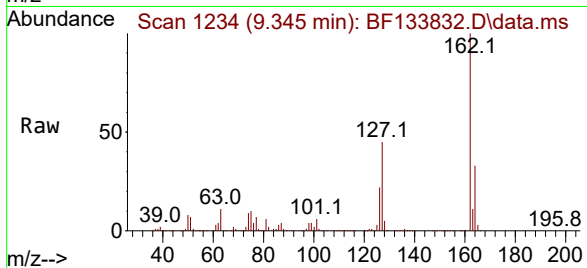
Tgt Ion:162 Resp: 578251

Ion Ratio Lower Upper

162 100

127 44.7 34.6 52.0

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 39.166 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

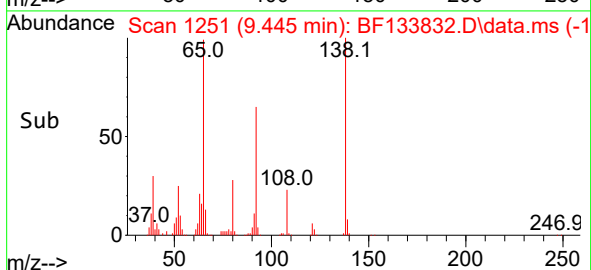
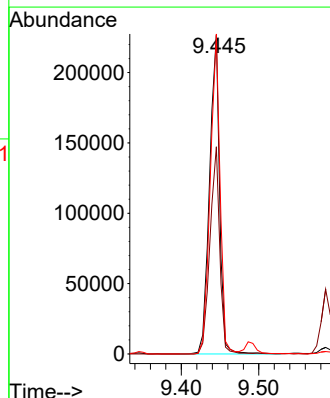
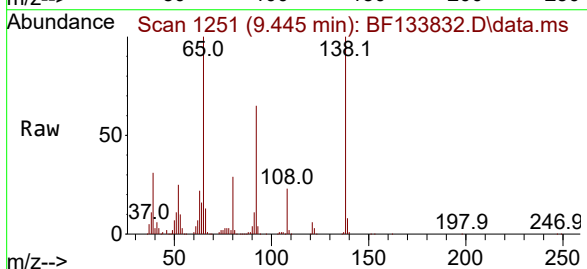
Tgt Ion: 65 Resp: 203300

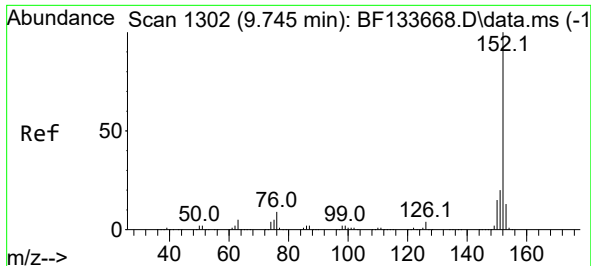
Ion Ratio Lower Upper

65 100

92 65.0 51.8 77.6

138 100.4 82.1 123.1





#49

Acenaphthylene

Concen: 39.020 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

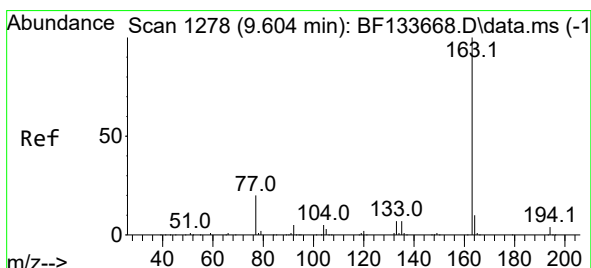
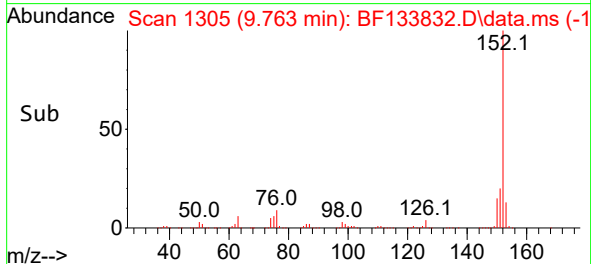
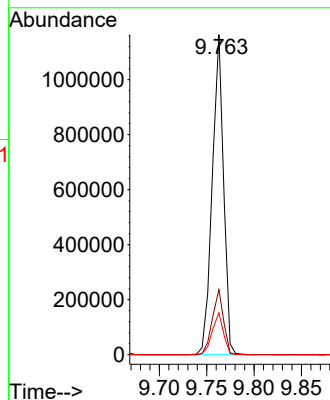
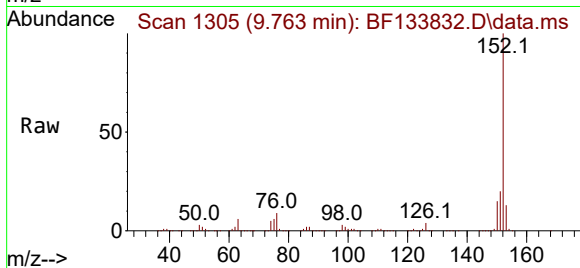
Tgt Ion:152 Resp: 963892

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 38.426 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

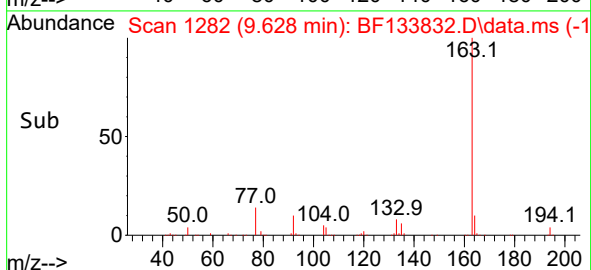
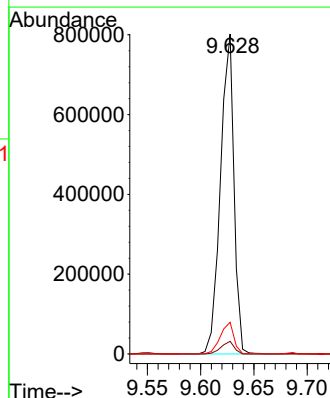
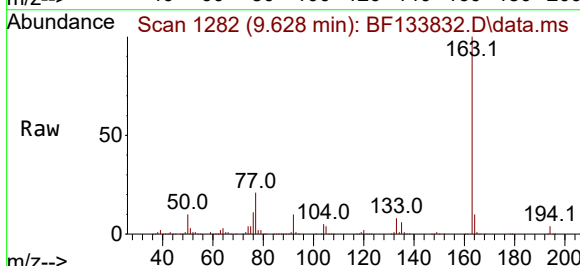
Tgt Ion:163 Resp: 703653

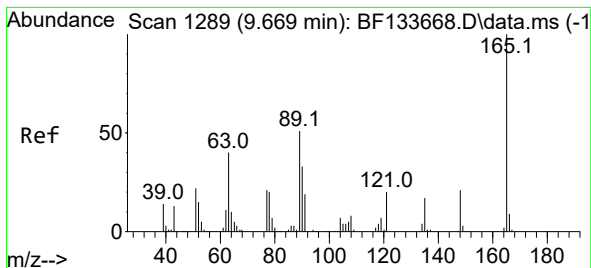
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.9 8.0 12.0

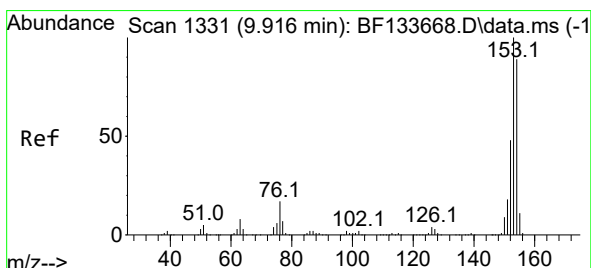
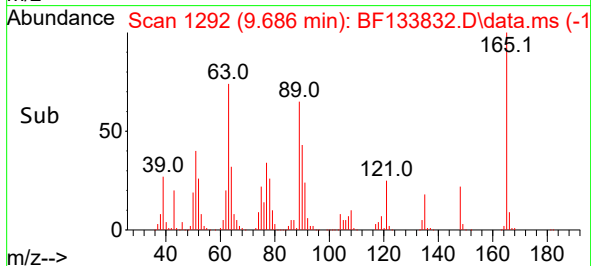
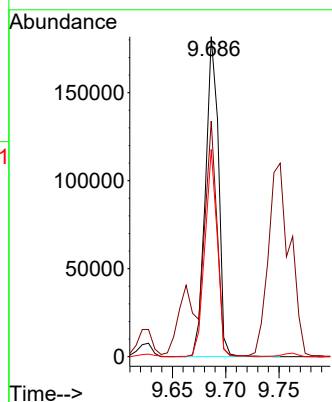
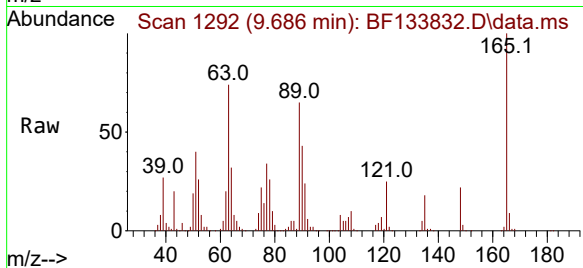




#51
2,6-Dinitrotoluene
Concen: 41.125 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

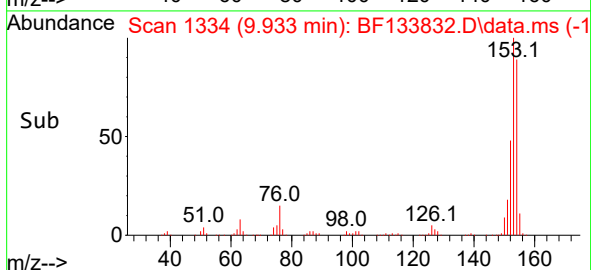
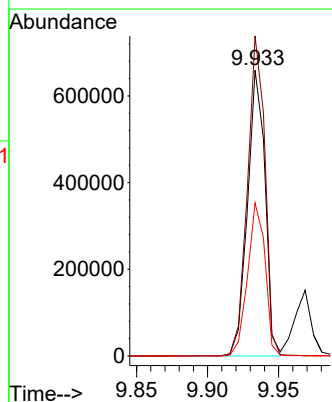
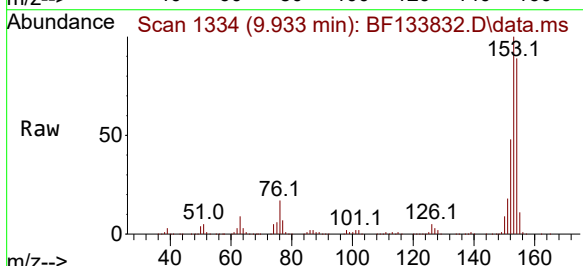
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

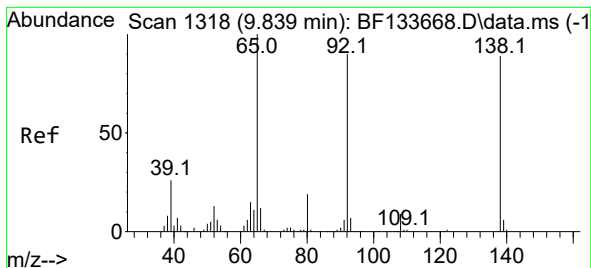
Tgt Ion:165 Resp: 155441
Ion Ratio Lower Upper
165 100
63 73.7 42.1 63.1#
89 64.8 40.9 61.3#



#52
Acenaphthene
Concen: 39.117 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:154 Resp: 565604
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.8
152 53.6 43.4 65.2

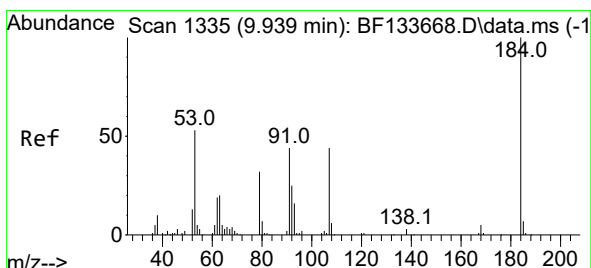
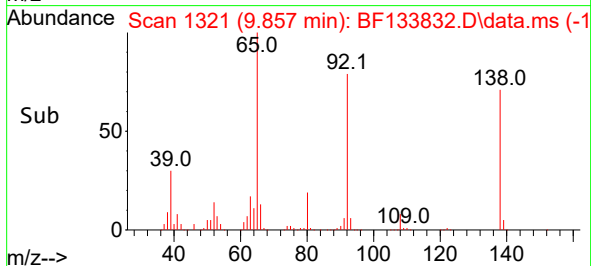
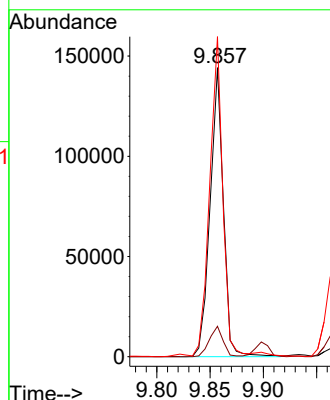
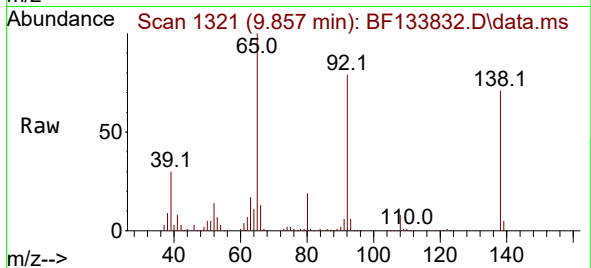




#53
3-Nitroaniline
Concen: 27.202 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

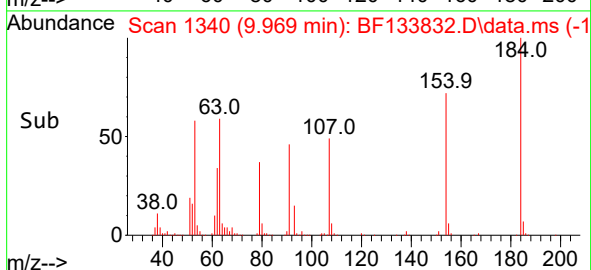
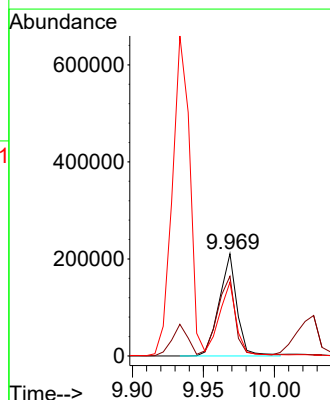
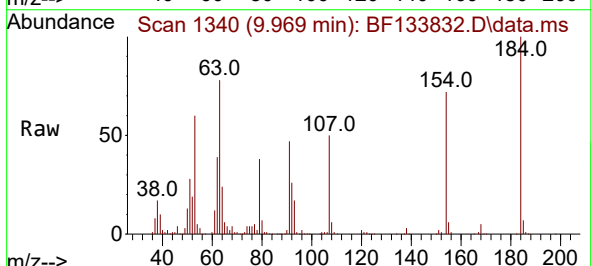
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

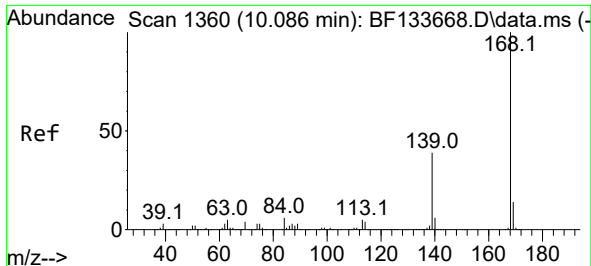
Tgt Ion:138 Resp: 125122
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 110.7 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 97.870 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:184 Resp: 183307
Ion Ratio Lower Upper
184 100
63 78.0 55.3 82.9
154 72.1 51.9 77.9

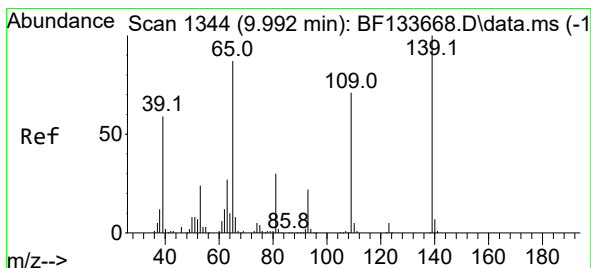
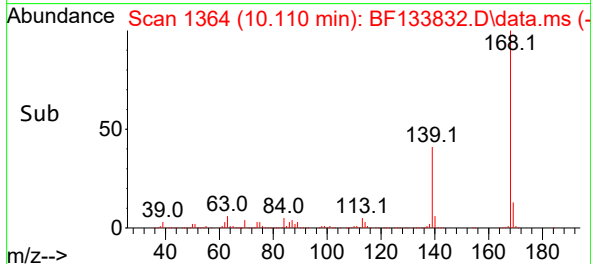
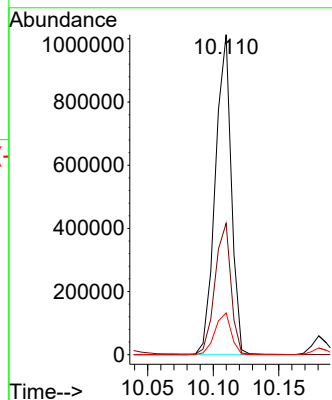
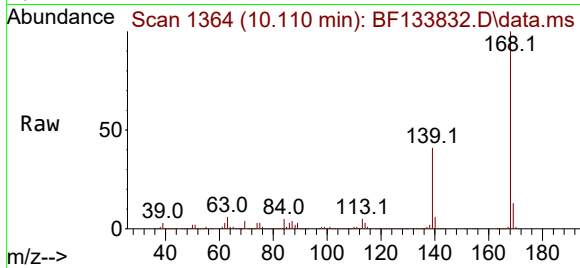




#55
Dibenzenofuran
Concen: 38.882 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

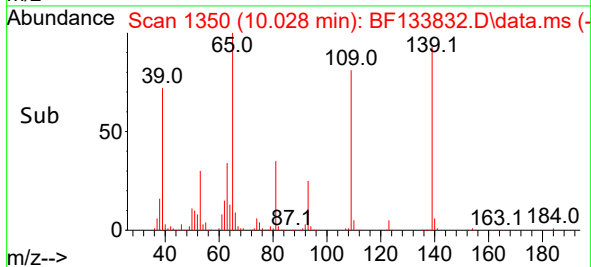
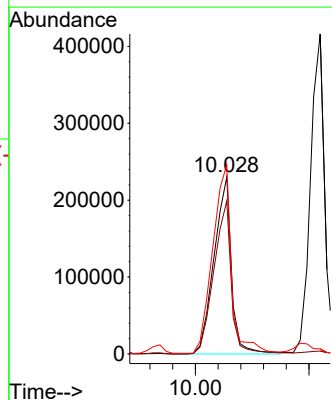
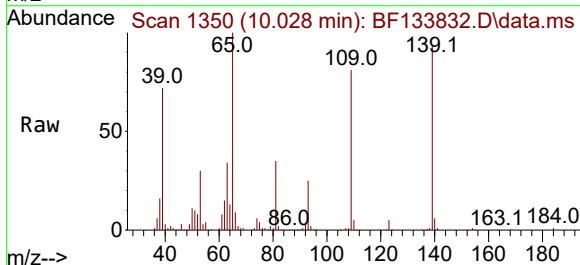
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

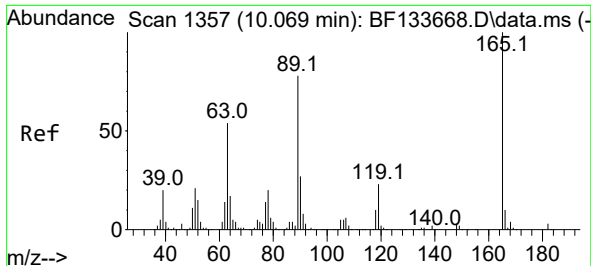
Tgt Ion:168 Resp: 857886
Ion Ratio Lower Upper
168 100
139 41.1 30.9 46.3
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 79.142 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:139 Resp: 245680
Ion Ratio Lower Upper
139 100
109 86.4 50.7 90.7
65 107.1 67.1 107.1





#57

2,4-Dinitrotoluene

Concen: 42.198 ng

RT: 10.098 min Scan# 1422

Delta R.T. 0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

Tgt Ion:165 Resp: 202850

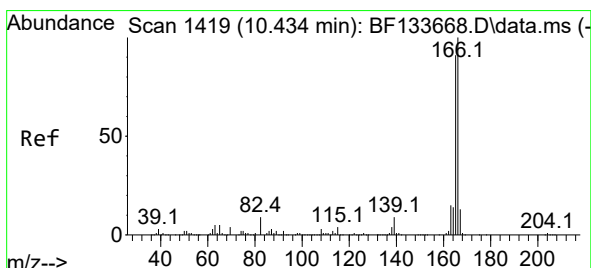
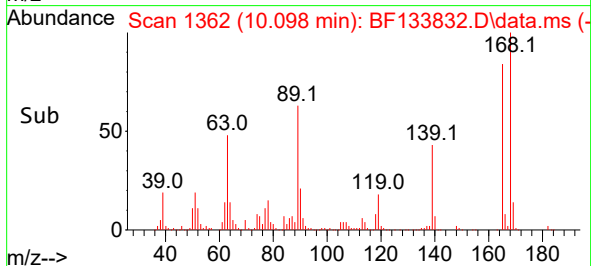
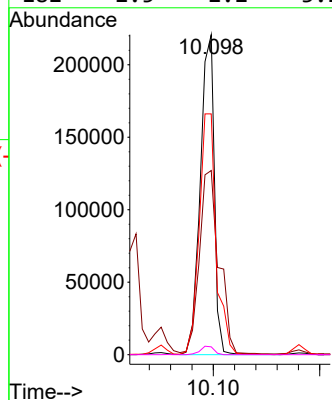
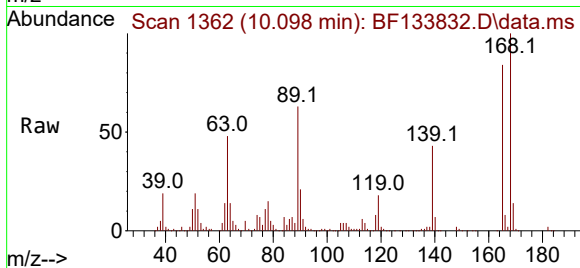
Ion Ratio Lower Upper

165 100

63 57.6 43.0 64.6

89 75.2 62.6 93.8

182 2.5 2.2 3.2



#58

Fluorene

Concen: 39.830 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

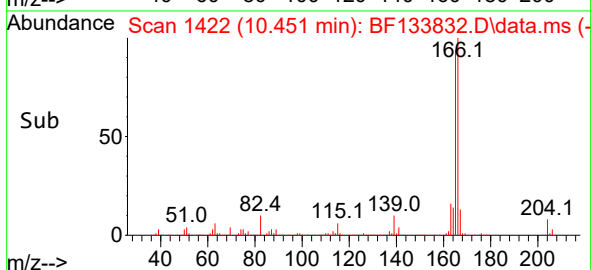
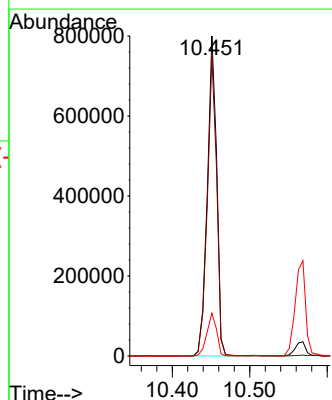
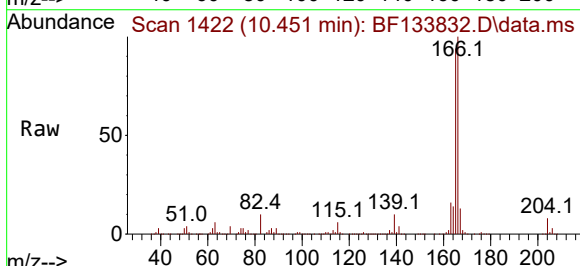
Tgt Ion:166 Resp: 672045

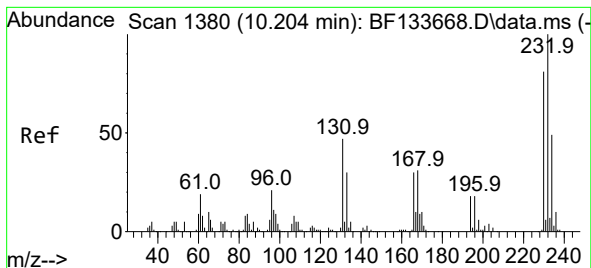
Ion Ratio Lower Upper

166 100

165 93.6 73.1 109.7

167 13.4 10.5 15.7

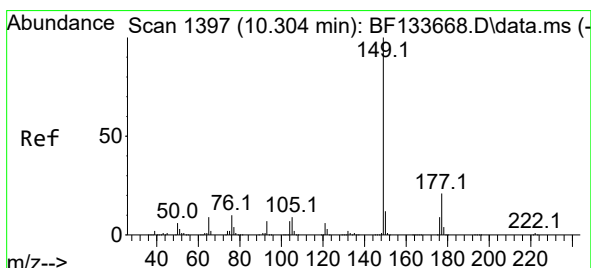
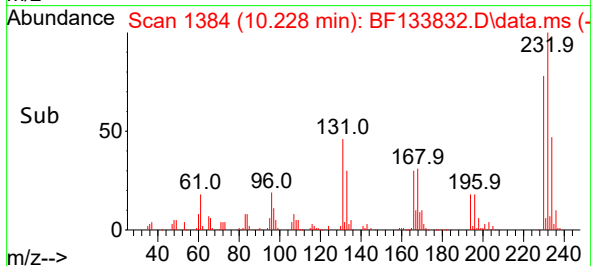
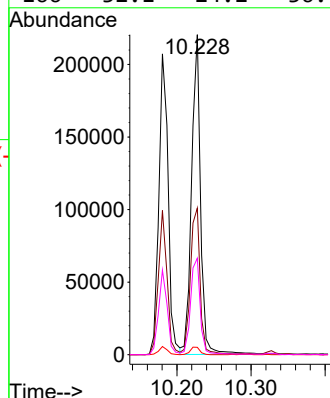
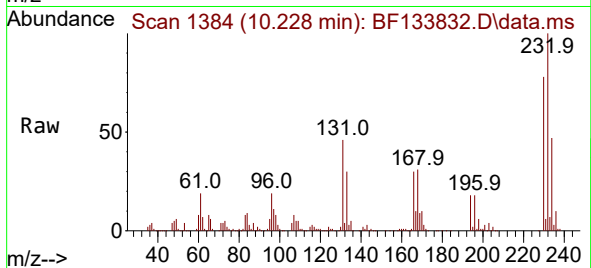




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.872 ng
RT: 10.228 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

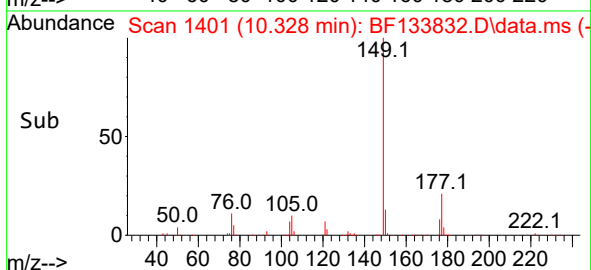
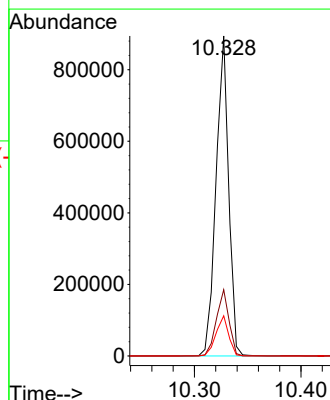
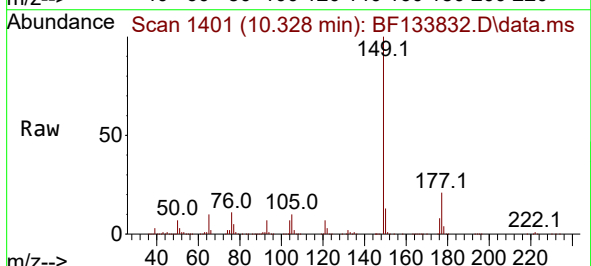
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

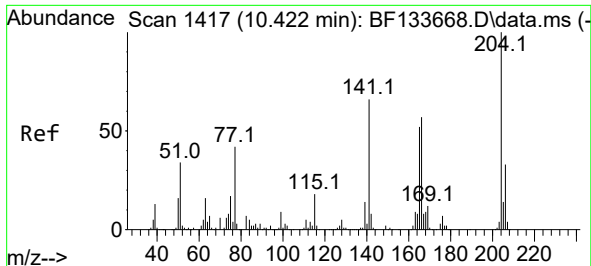
Tgt Ion:232 Resp: 186108
Ion Ratio Lower Upper
232 100
131 48.8 38.0 57.0
130 2.6 1.8 2.8
166 32.1 24.2 36.4



#60
Diethylphthalate
Concen: 39.499 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:149 Resp: 736138
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.6 10.0 15.0

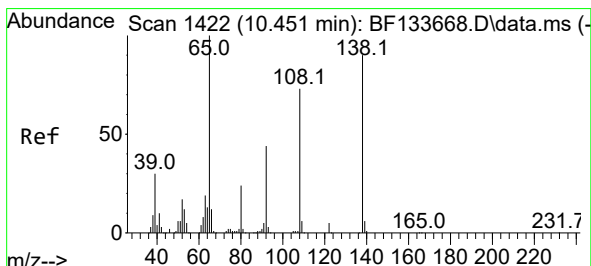
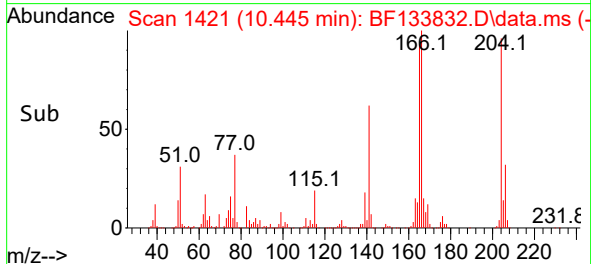
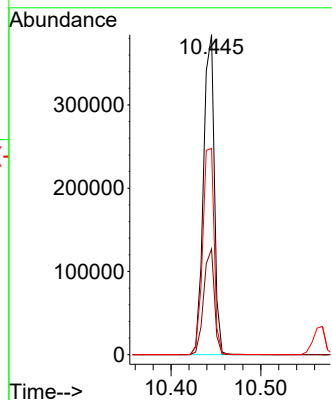
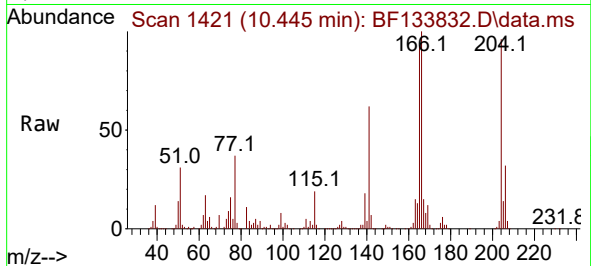




#61
4-Chlorophenyl-phenylether
Concen: 38.727 ng
RT: 10.445 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

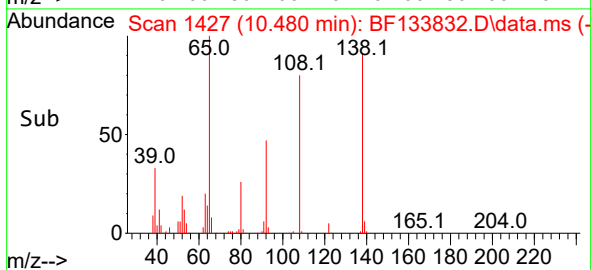
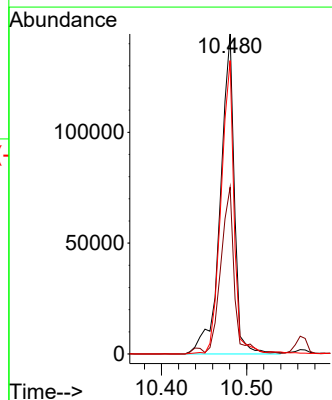
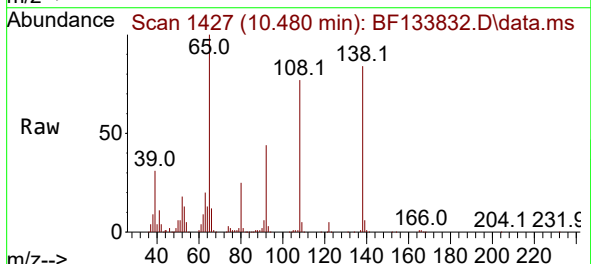
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

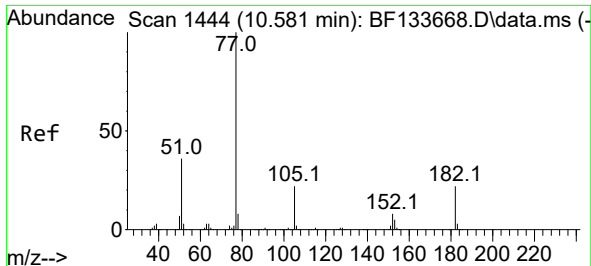
Tgt Ion:204 Resp: 322579
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 64.5 52.8 79.2



#62
4-Nitroaniline
Concen: 36.664 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:138 Resp: 165350
Ion Ratio Lower Upper
138 100
92 52.1 28.9 68.9
108 91.7 61.0 101.0

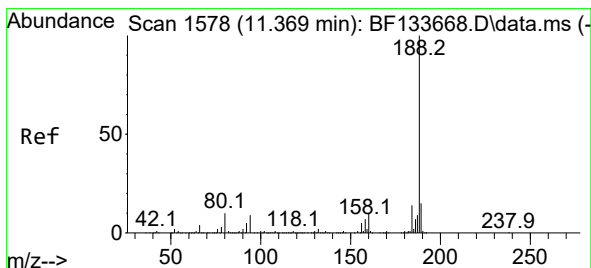
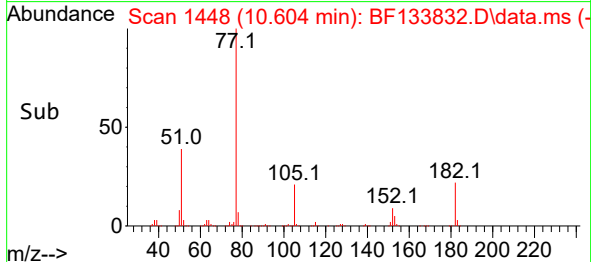
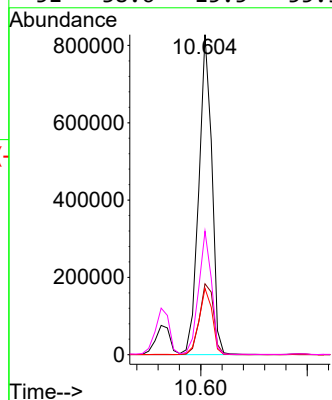
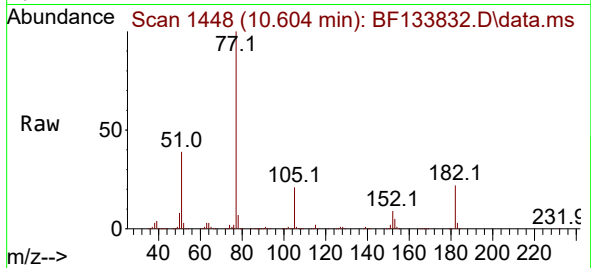




#63
Azobenzene
Concen: 39.891 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

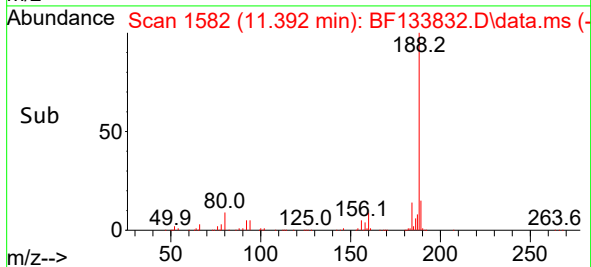
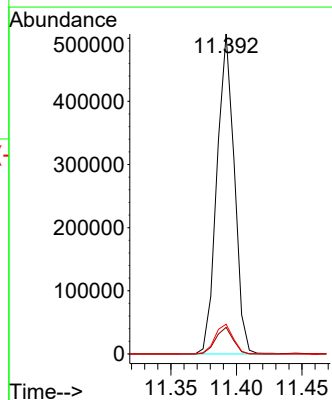
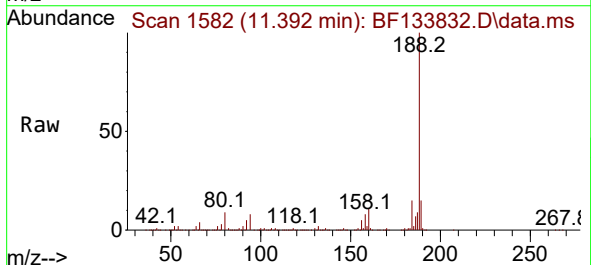
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

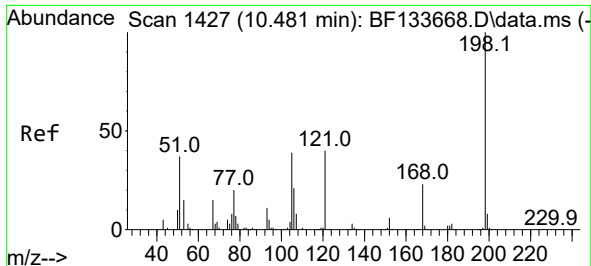
Tgt Ion:	77	Resp:	703802
Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.6	41.6
105	20.7	1.6	41.6
51	38.6	15.5	55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:	188	Resp:	467541
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	9.3	7.8	11.6

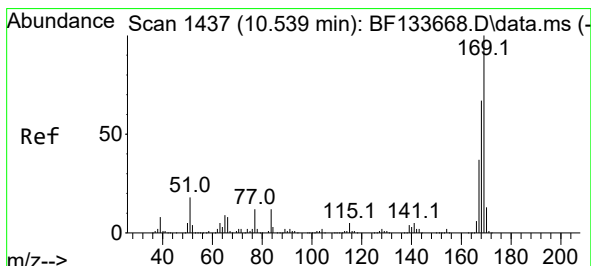
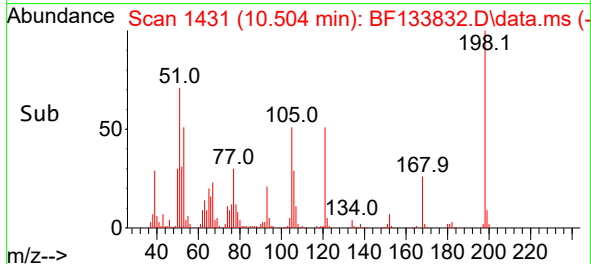
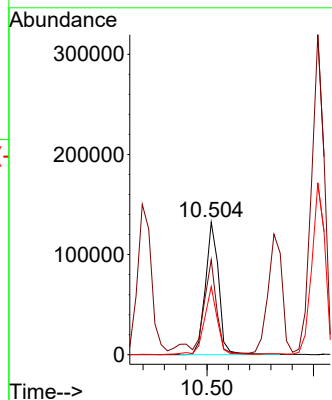
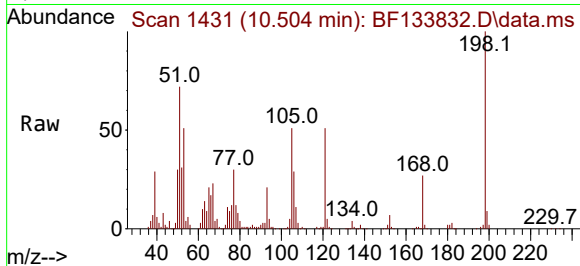




#65
4,6-Dinitro-2-methylphenol
Concen: 51.373 ng
RT: 10.504 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

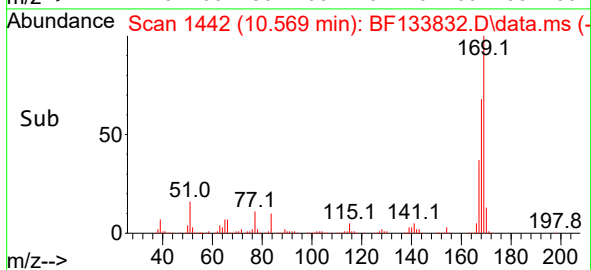
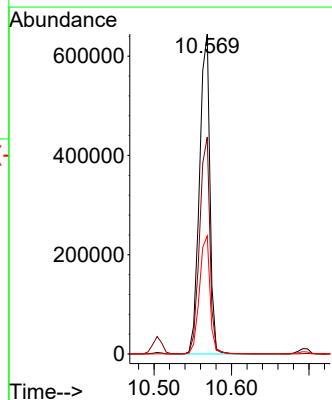
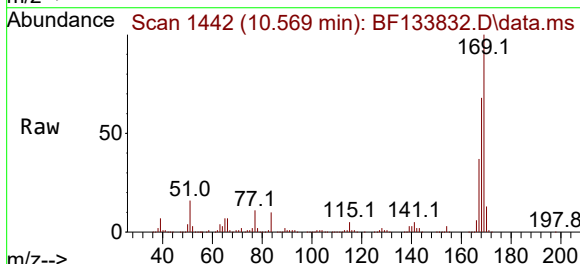
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

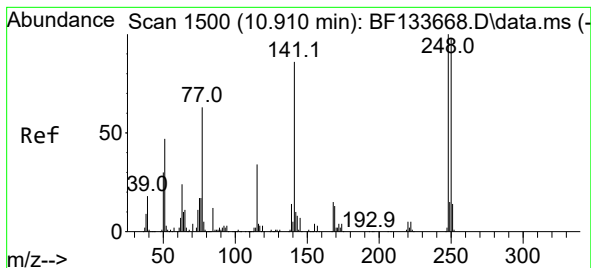
Tgt Ion:198 Resp: 114774
Ion Ratio Lower Upper
198 100
51 71.6 27.5 67.5#
105 51.3 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 38.161 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

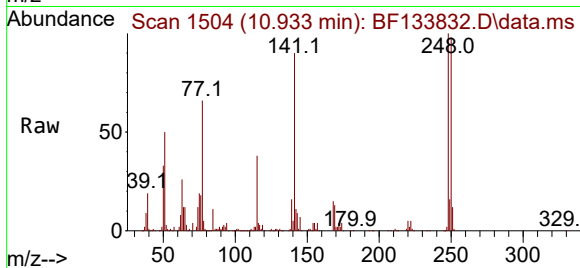
Tgt Ion:169 Resp: 599311
Ion Ratio Lower Upper
169 100
168 67.8 53.7 80.5
167 36.9 29.8 44.8



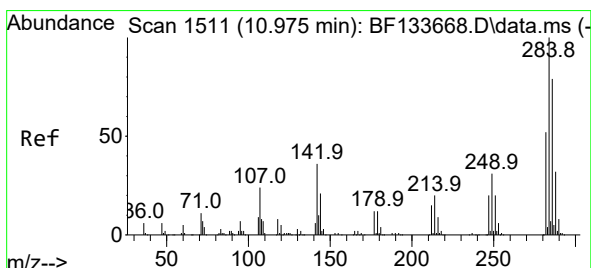
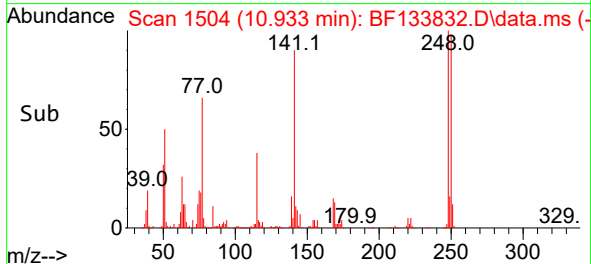
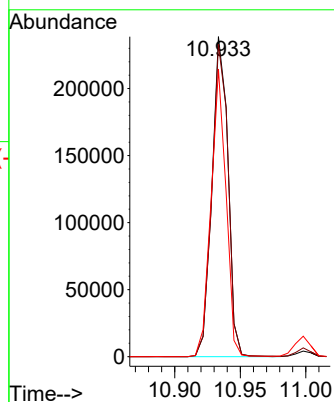


#67
4-Bromophenyl-phenylether
Concen: 38.943 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Instrument :
BNA_F
ClientSampleId :
PB153157BSD

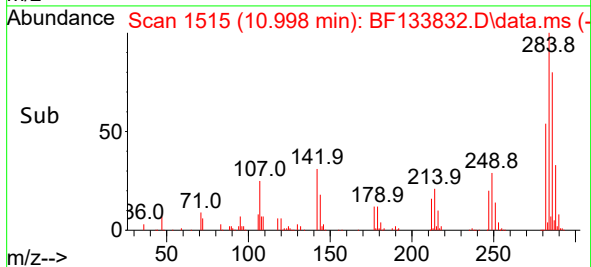
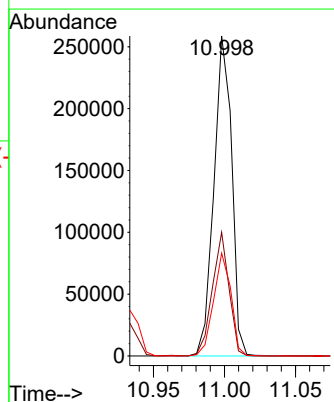
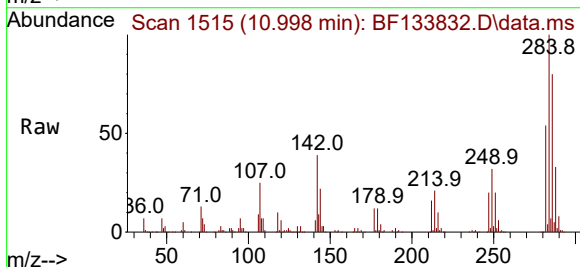


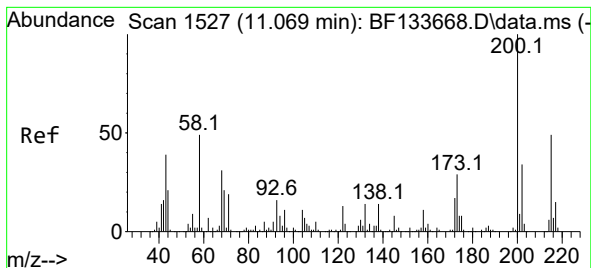
Tgt Ion:248 Resp: 203219
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 89.9 69.0 103.6



#68
Hexachlorobenzene
Concen: 40.964 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:284 Resp: 224792
Ion Ratio Lower Upper
284 100
142 38.7 28.6 42.8
249 32.1 24.6 36.8





#69

Atrazine

Concen: 43.006 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

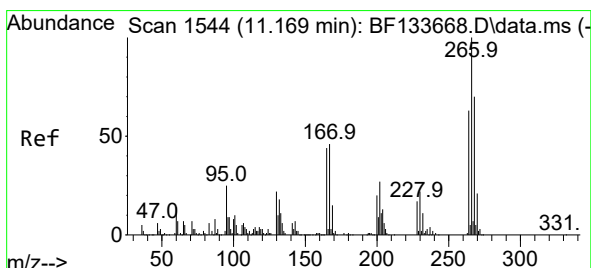
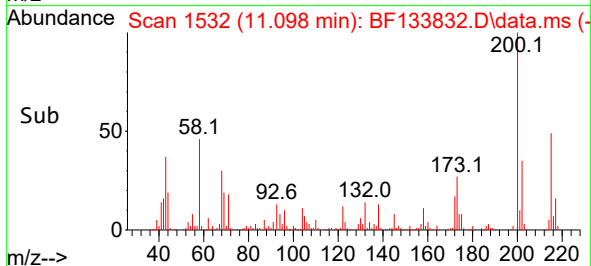
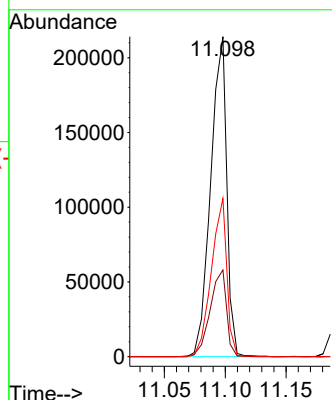
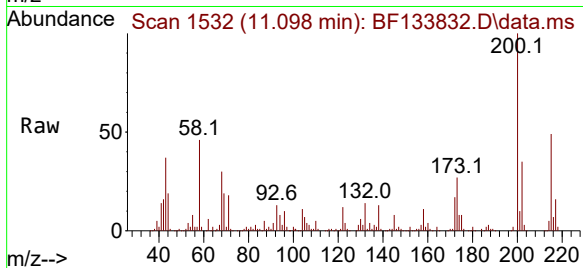
Tgt Ion:200 Resp: 195968

Ion Ratio Lower Upper

200 100

173 27.1 8.7 48.7

215 49.5 29.0 69.0



#70

Pentachlorophenol

Concen: 71.824 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

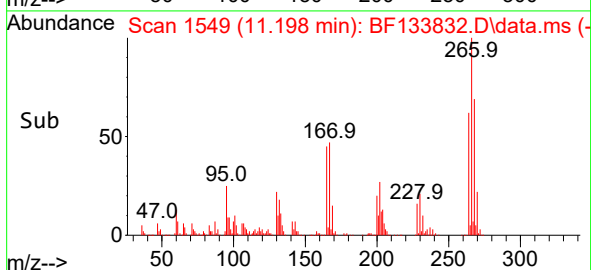
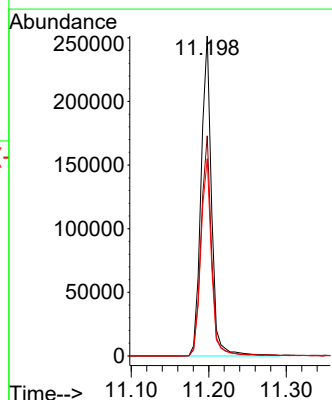
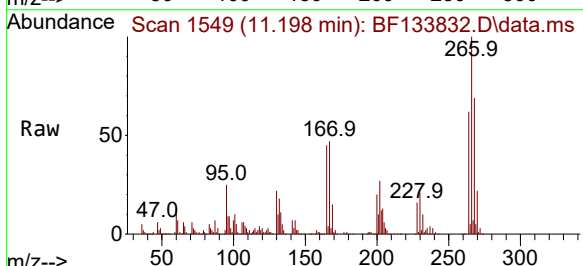
Tgt Ion:266 Resp: 236010

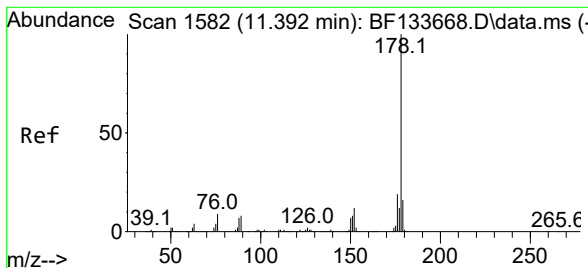
Ion Ratio Lower Upper

266 100

268 68.8 55.7 83.5

264 61.7 50.7 76.1





#71

Phenanthrene

Concen: 39.764 ng

RT: 11.422 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

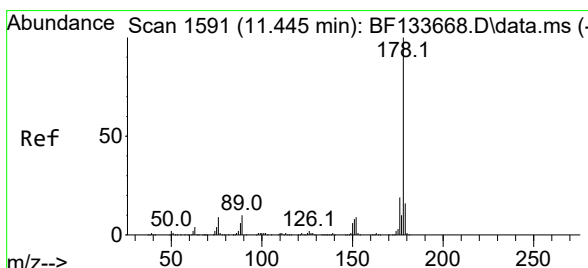
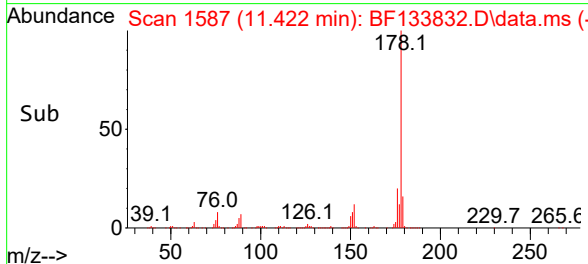
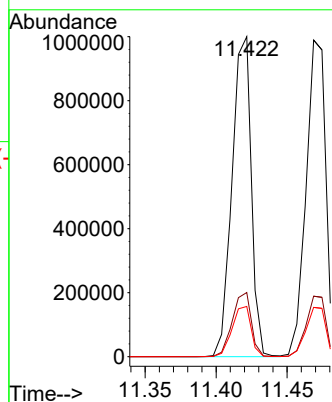
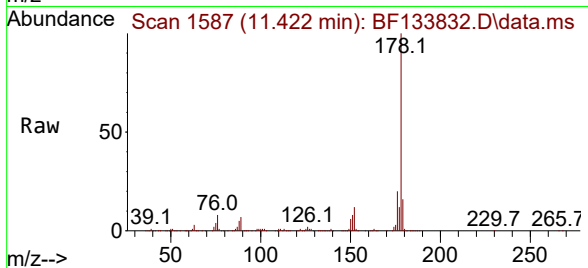
Tgt Ion:178 Resp: 943232

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 15.7 12.4 18.6



#72

Anthracene

Concen: 38.776 ng

RT: 11.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

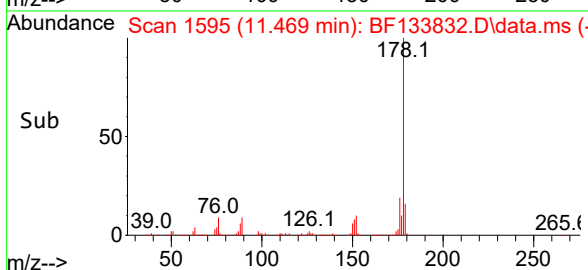
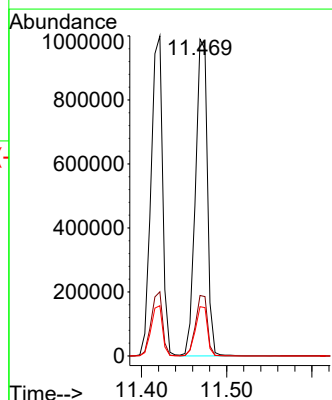
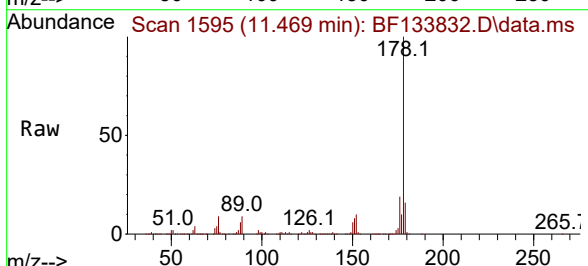
Tgt Ion:178 Resp: 959046

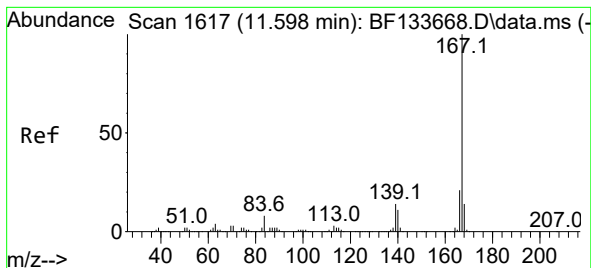
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.6 12.6 18.8





#73

Carbazole

Concen: 37.784 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

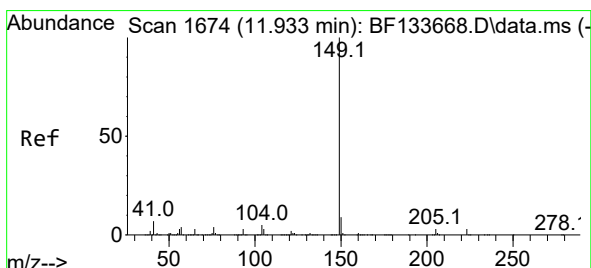
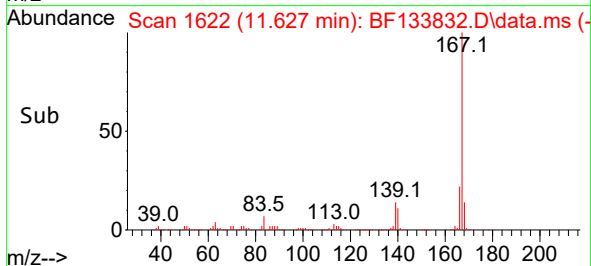
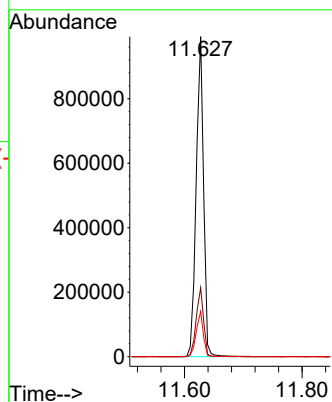
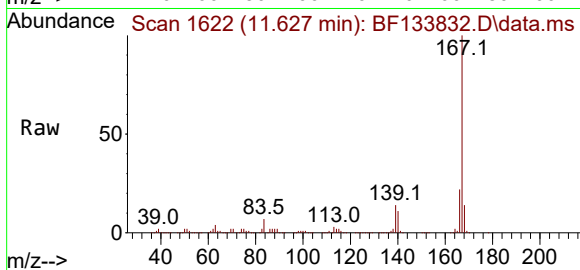
Tgt Ion:167 Resp: 870382

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 14.1 11.2 16.8



#74

Di-n-butylphthalate

Concen: 37.227 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

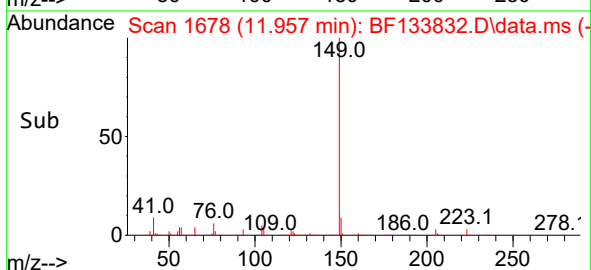
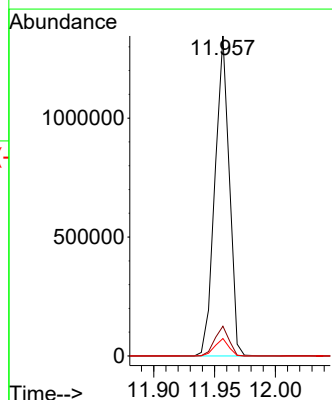
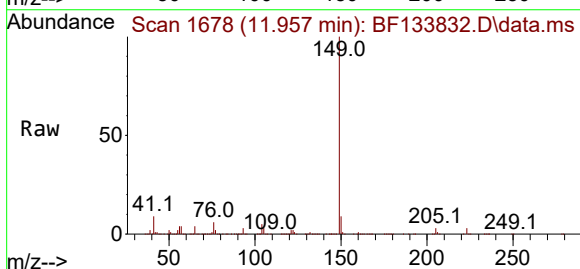
Tgt Ion:149 Resp: 1099383

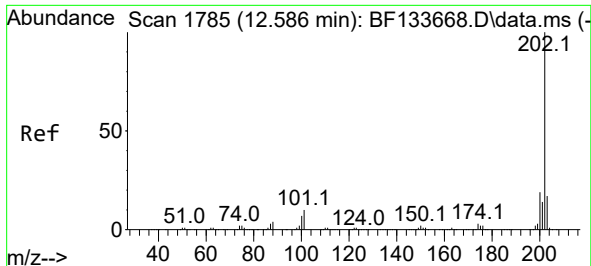
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.5 3.8 5.8

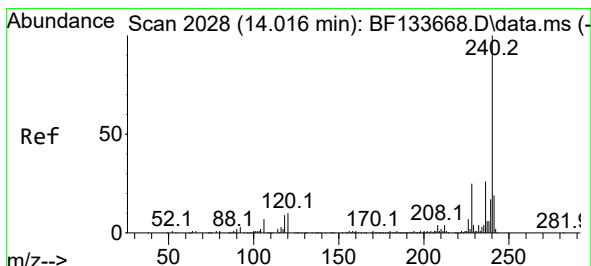
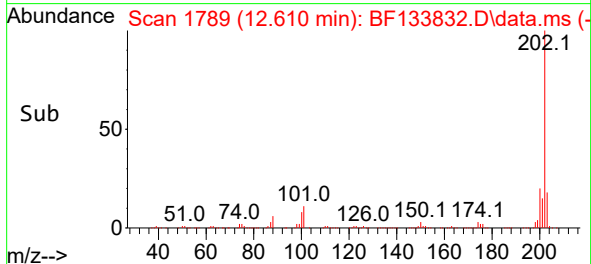
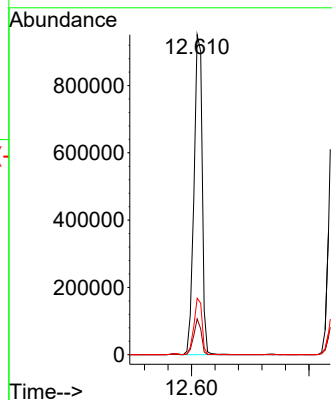
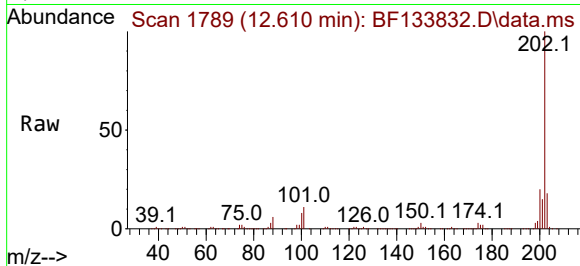




#75
Fluoranthene
Concen: 36.413 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

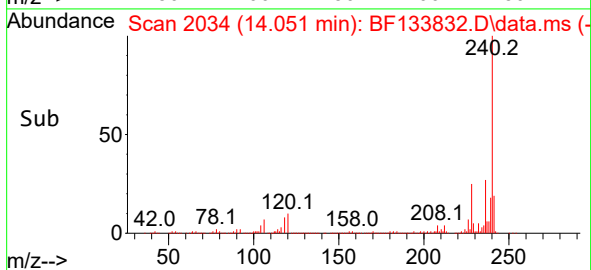
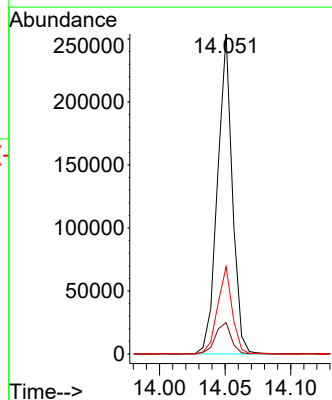
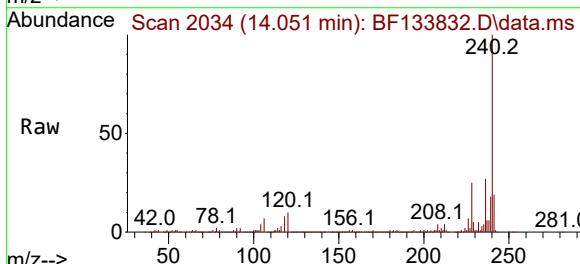
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

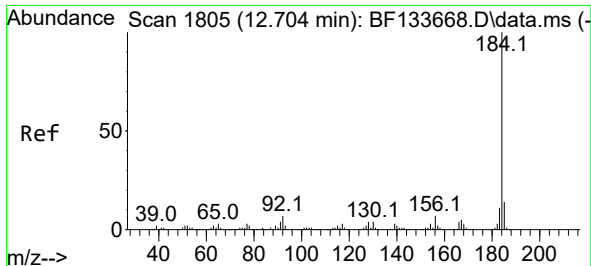
Tgt Ion:202 Resp: 917247
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.6
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:240 Resp: 199357
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 27.3 20.5 30.7

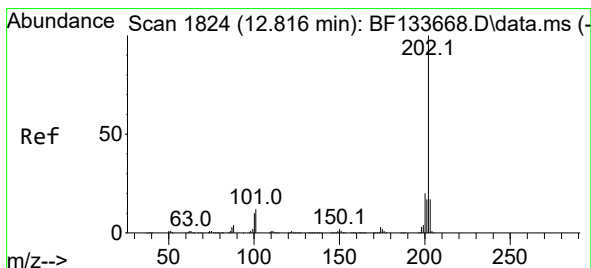
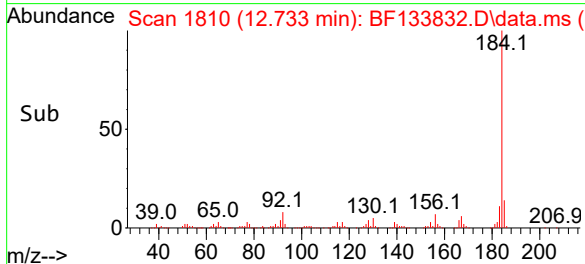
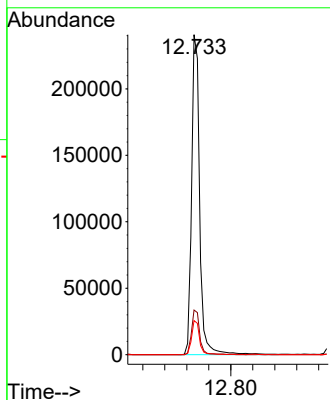
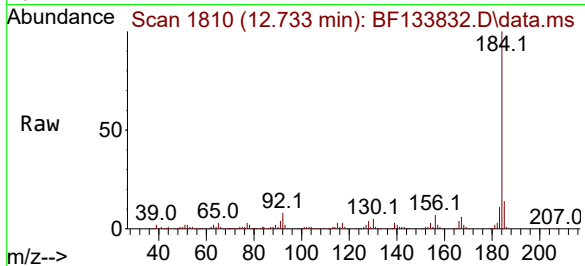




#77
Benzidine
Concen: 36.311 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

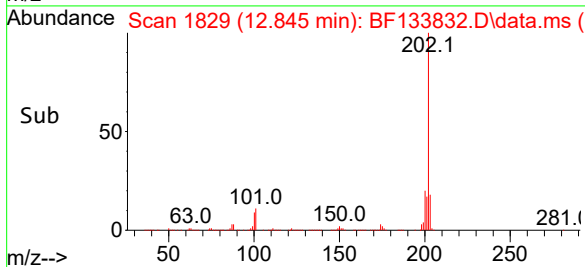
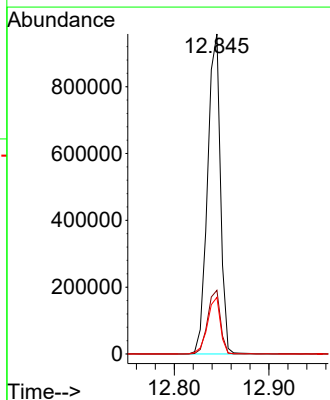
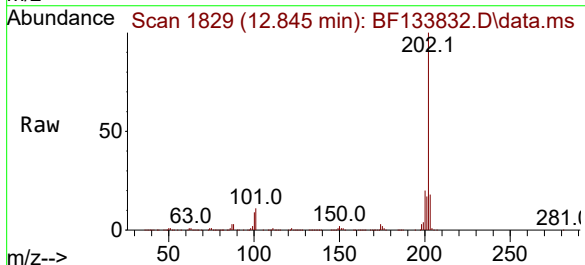
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

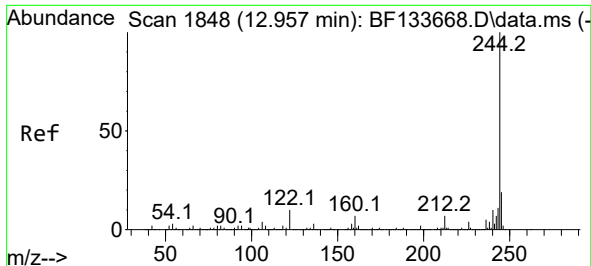
Tgt Ion:184 Resp: 242907
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 10.7 8.4 12.6



#78
Pyrene
Concen: 48.519 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:202 Resp: 901038
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.7 13.9 20.9

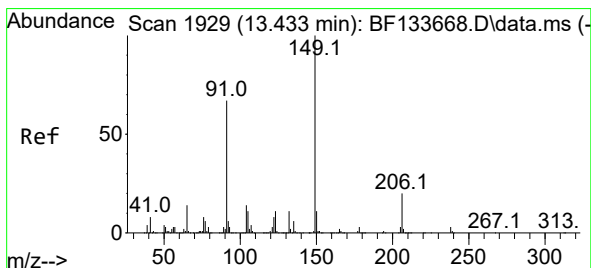
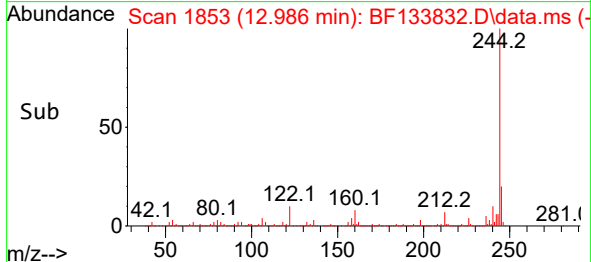
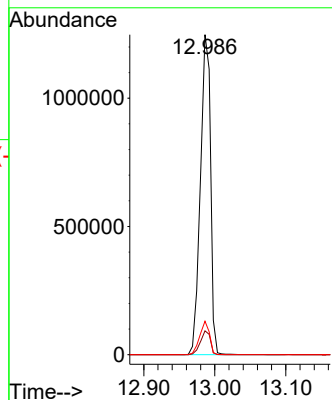
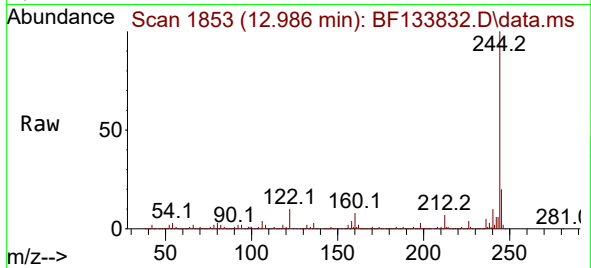




#79
 Terphenyl-d14
 Concen: 96.630 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

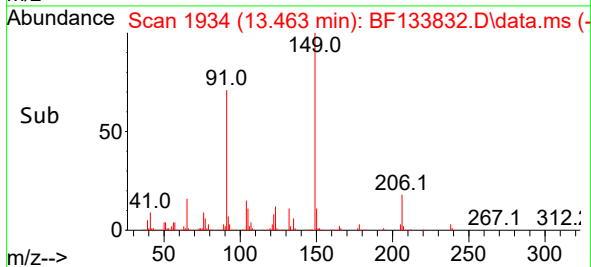
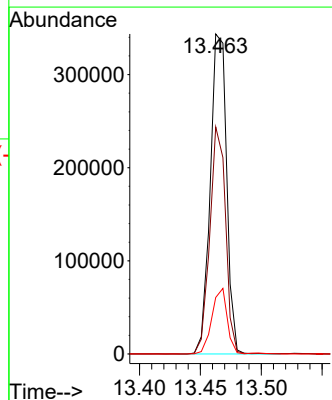
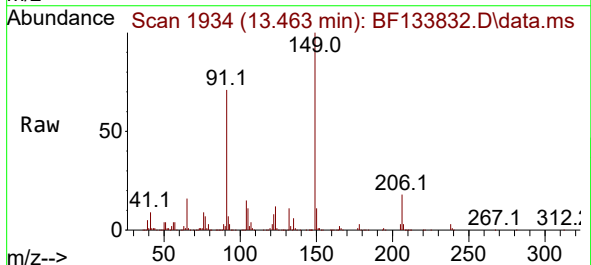
Instrument :
 BNA_F
 ClientSampleId :
 PB153157BSD

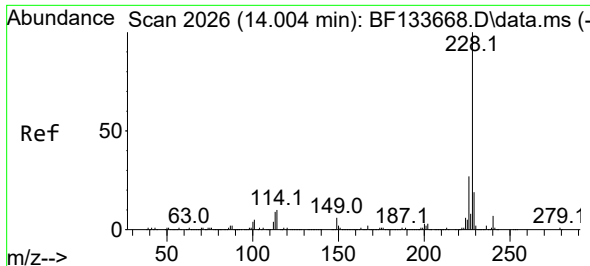
Tgt Ion:244 Resp: 1244966
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 10.4 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 40.951 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF133832.D
 Acq: 19 Jun 2023 14:07

Tgt Ion:149 Resp: 321059
 Ion Ratio Lower Upper
 149 100
 91 71.0 54.0 81.0
 206 17.7 15.6 23.4

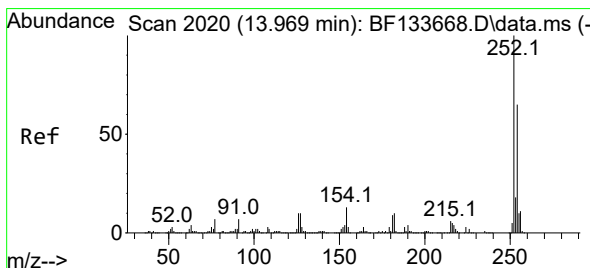
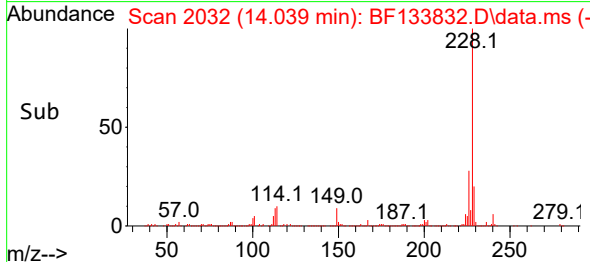
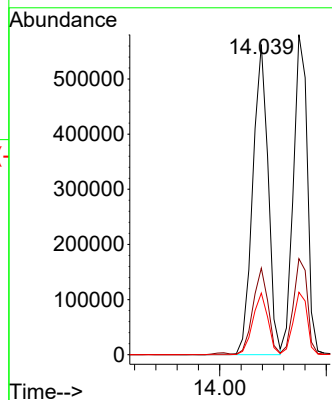
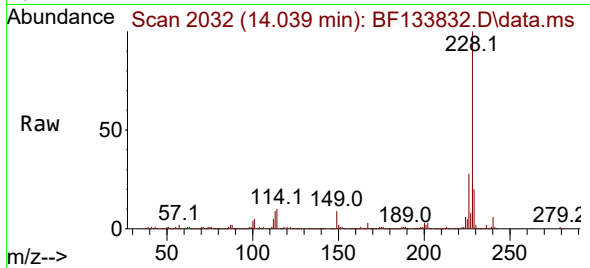




#81
Benzo(a)anthracene
Concen: 40.811 ng
RT: 14.039 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

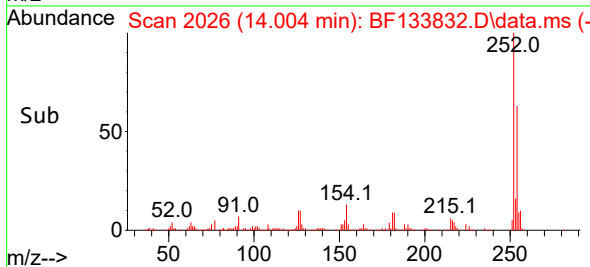
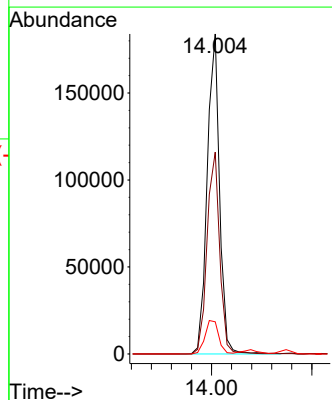
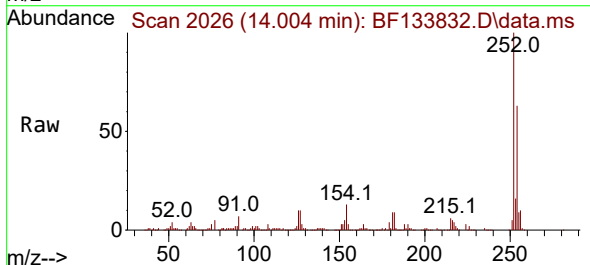
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

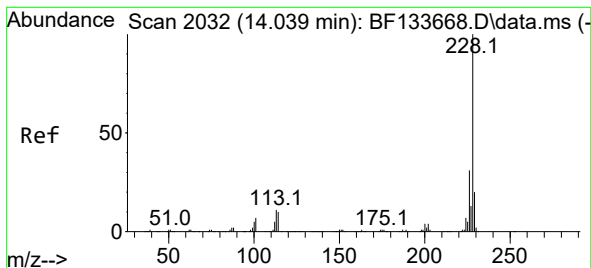
Tgt Ion:228 Resp: 562773
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 34.311 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:252 Resp: 157297
Ion Ratio Lower Upper
252 100
254 63.1 51.9 77.9
126 10.0 7.7 11.5





#83

Chrysene

Concen: 40.604 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

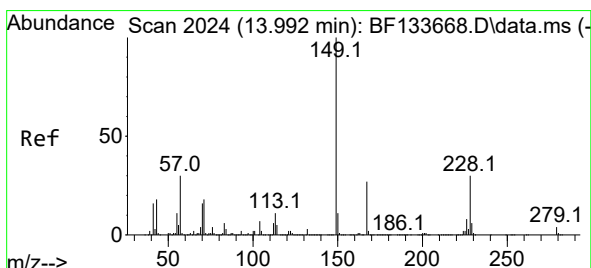
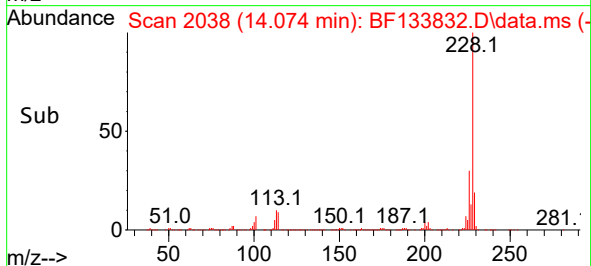
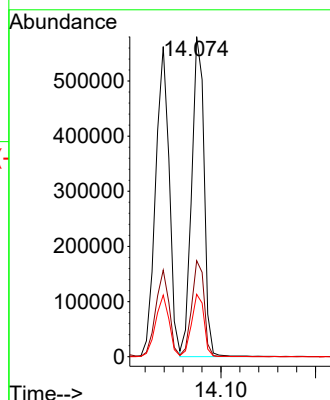
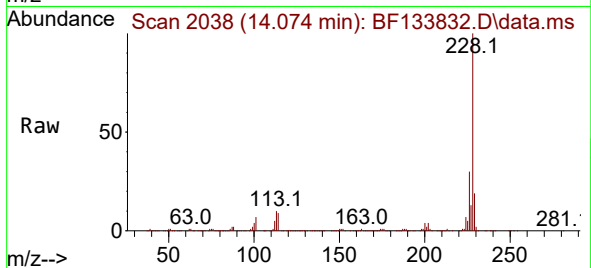
Tgt Ion:228 Resp: 529580

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.002 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

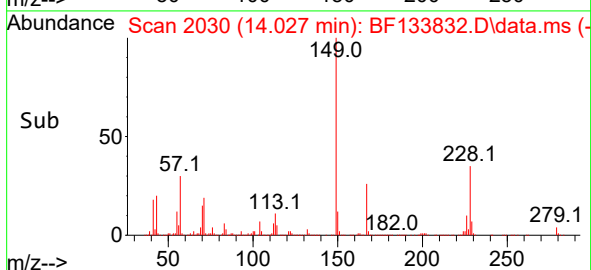
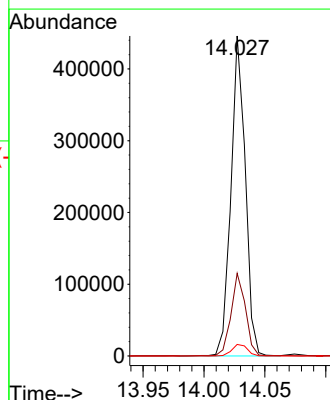
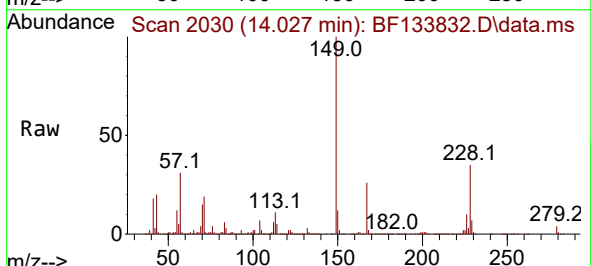
Tgt Ion:149 Resp: 366843

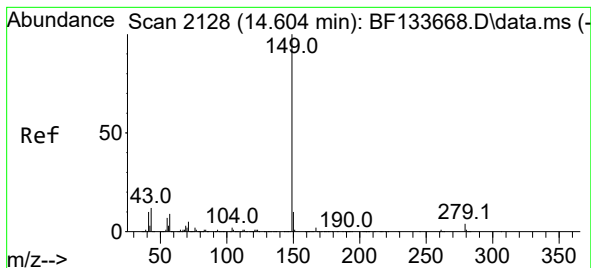
Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.8

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.392 ng

RT: 14.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

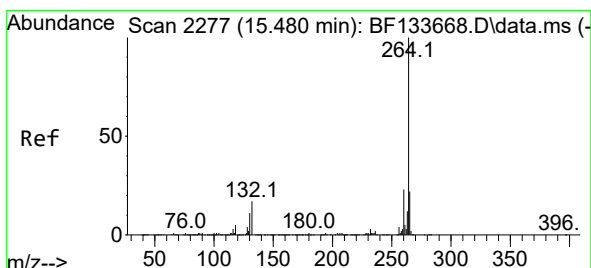
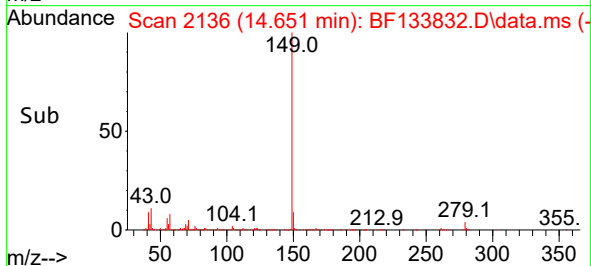
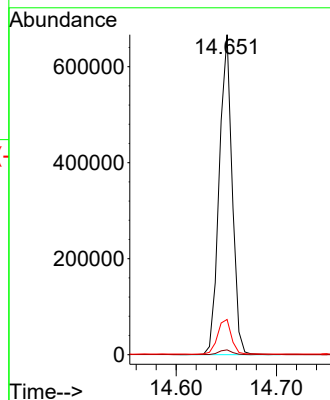
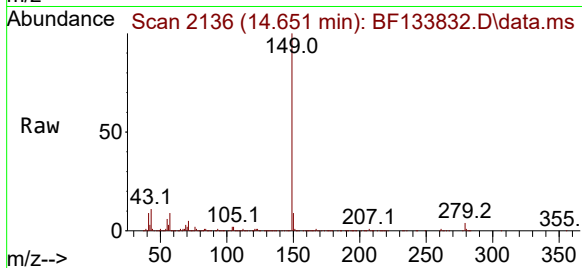
Tgt Ion:149 Resp: 595247

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.6 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: BF133832.D

Acq: 19 Jun 2023 14:07

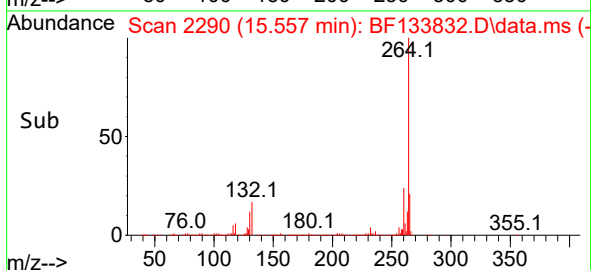
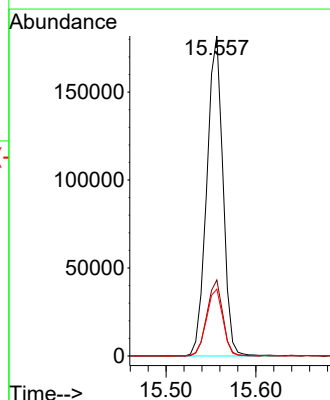
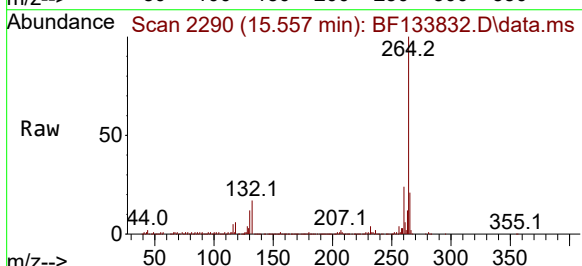
Tgt Ion:264 Resp: 227459

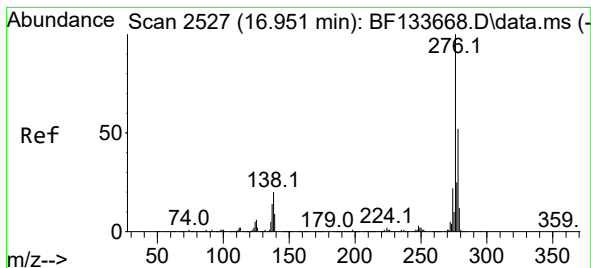
Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 20.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.568 ng

RT: 17.115 min Scan# 2114

Delta R.T. 0.006 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

Instrument :

BNA_F

ClientSampleId :

PB153157BSD

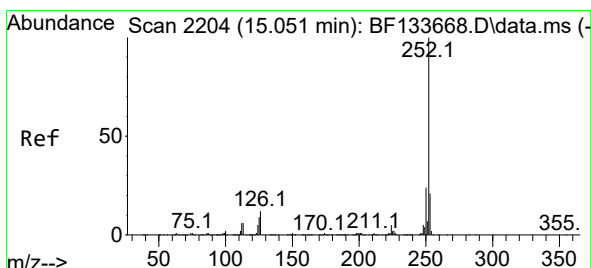
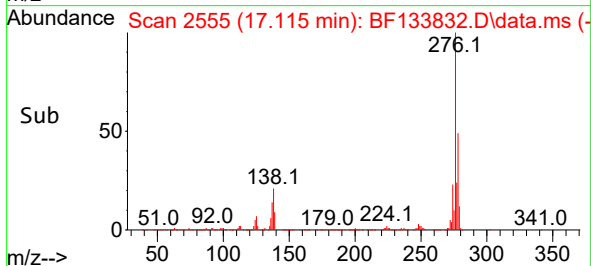
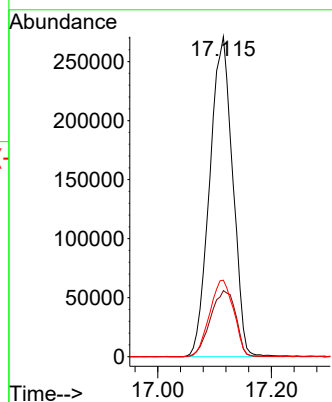
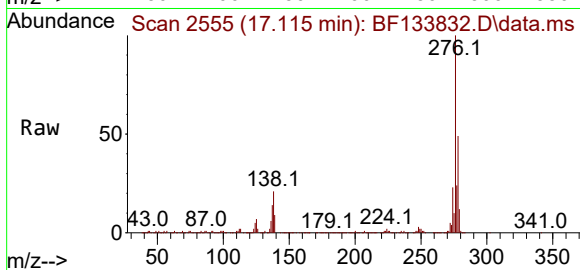
Tgt Ion:276 Resp: 760015

Ion Ratio Lower Upper

276 100

138 22.9 17.9 26.9

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.508 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF133832.D

Acq: 19 Jun 2023 14:07

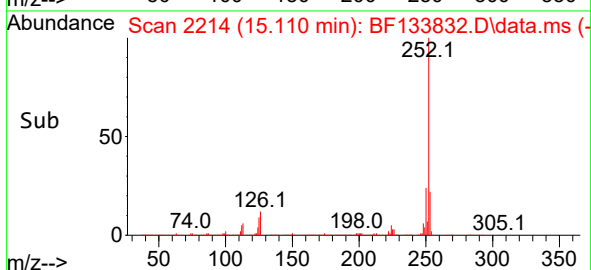
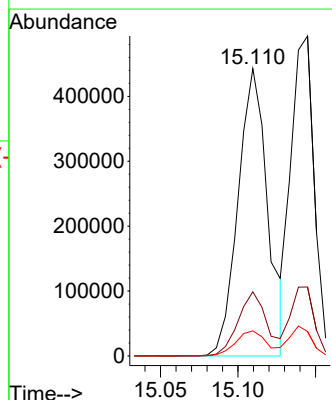
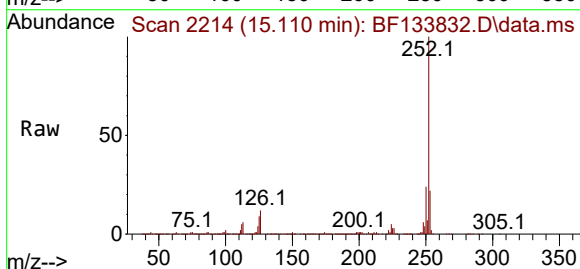
Tgt Ion:252 Resp: 587334

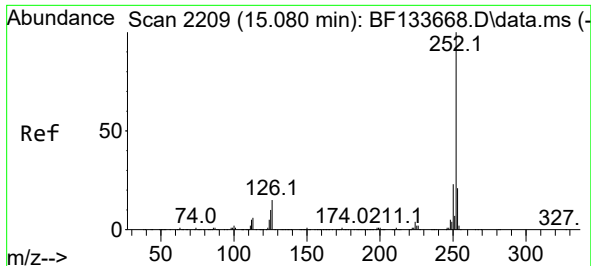
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 8.7 7.3 10.9

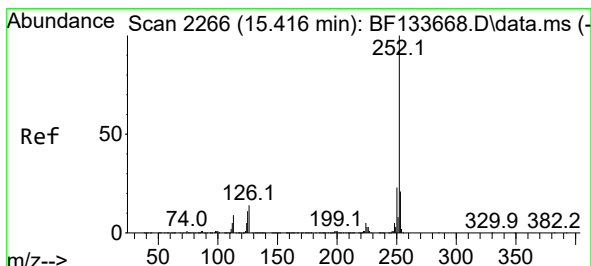
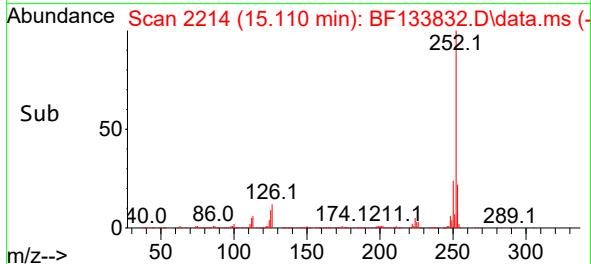
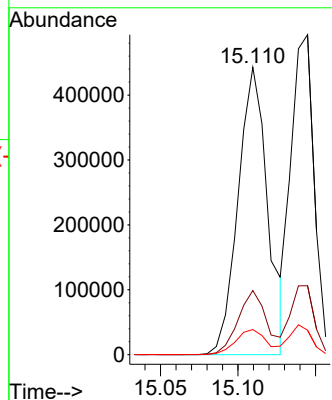
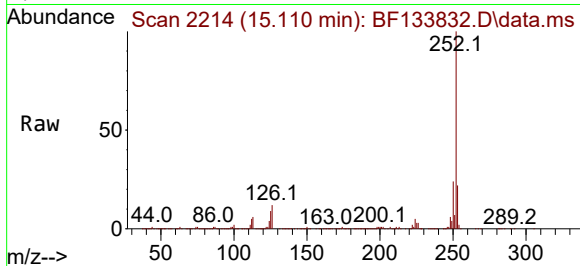




#89
Benzo(k)fluoranthene
Concen: 43.637 ng
RT: 15.110 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

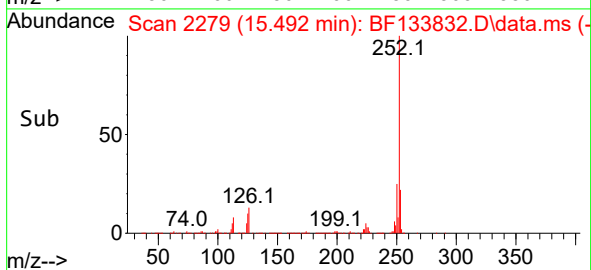
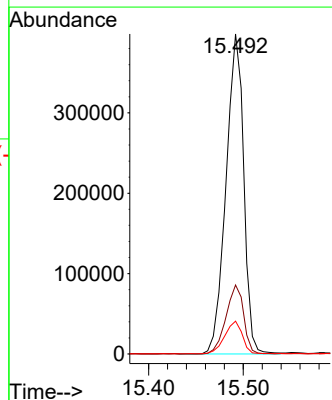
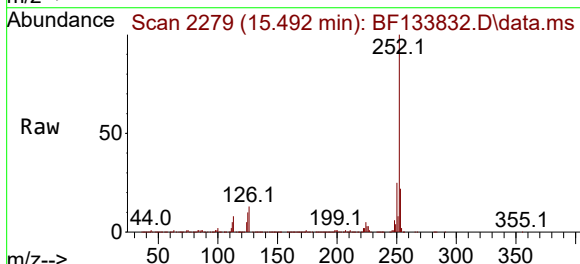
Instrument :
BNA_F
ClientSampleId :
PB153157BSD

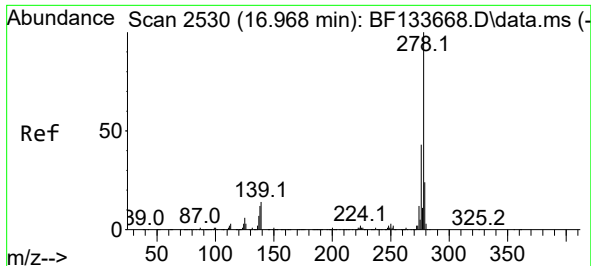
Tgt Ion:252 Resp: 587334
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 8.7 7.8 11.6



#90
Benzo(a)pyrene
Concen: 40.420 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:252 Resp: 518316
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.2 8.6 13.0

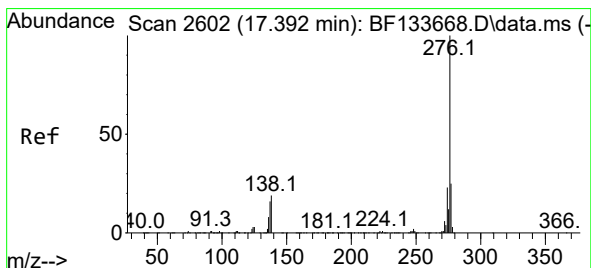
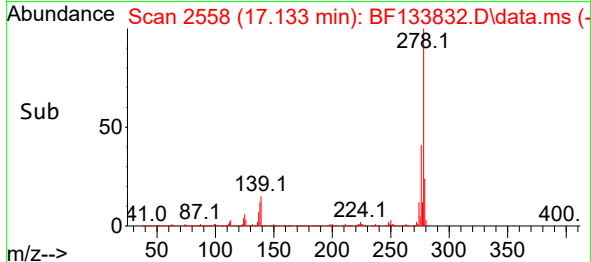
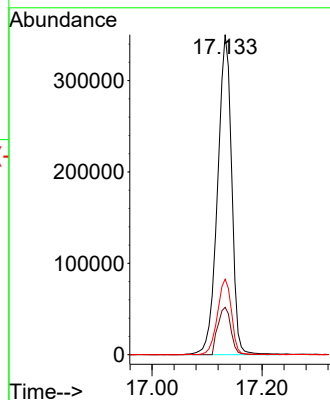
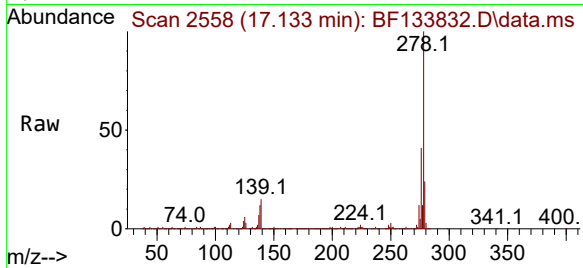




#91
Dibenzo(a,h)anthracene
Concen: 48.178 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Instrument :
BNA_F
ClientSampleId :
PB153157BSD

Tgt Ion:278 Resp: 624154
Ion Ratio Lower Upper
278 100
139 14.8 11.4 17.2
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.552 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BF133832.D
Acq: 19 Jun 2023 14:07

Tgt Ion:276 Resp: 623645
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.8
138 19.9 15.0 22.4

