

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133651.D
 Acq On : 08 Jun 2023 20:20
 Operator : CG\JU
 Sample : PB153208BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

Quant Time: Jun 09 01:48:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	126002	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	434421	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	187805	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	342040	20.000	ng	0.00
76) Chrysene-d12	14.021	240	169514	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	145899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	854813	113.191	ng	0.02
7) Phenol-d6	6.481	99	1010884	108.737	ng	0.01
23) Nitrobenzene-d5	7.410	82	646194	99.317	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	246193	131.508	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1078372	88.624	ng	0.00
79) Terphenyl-d14	12.962	244	1018245	106.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	108653	31.856	ng	99
3) Pyridine	3.398	79	302824	31.666	ng	97
4) n-Nitrosodimethylamine	3.351	42	206487	39.592	ng	98
6) Aniline	6.504	93	422353	33.460	ng	100
8) 2-Chlorophenol	6.628	128	334344	44.931	ng	95
9) Benzaldehyde	6.392	77	206887	45.961	ng	99
10) Phenol	6.492	94	391785	42.010	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	322458	41.820	ng	97
12) 1,3-Dichlorobenzene	6.781	146	349386	42.292	ng	98
13) 1,4-Dichlorobenzene	6.857	146	357043	43.109	ng	99
14) 1,2-Dichlorobenzene	7.010	146	337237	44.124	ng	98
15) Benzyl Alcohol	6.986	79	292347	41.421	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	556312	38.040	ng	96
17) 2-Methylphenol	7.098	107	269366	38.225	ng	98
18) Hexachloroethane	7.351	117	95129	33.216	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	229405	38.139	ng	100
20) 3+4-Methylphenols	7.251	107	315273	39.573	ng	# 84
22) Acetophenone	7.257	105	434924	43.474	ng	# 94
24) Nitrobenzene	7.428	77	340920	49.176	ng	99
25) Isophorone	7.663	82	628120	41.423	ng	99
26) 2-Nitrophenol	7.739	139	119349	38.600	ng	97
27) 2,4-Dimethylphenol	7.780	122	276100	42.794	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	369217	41.990	ng	99
29) 2,4-Dichlorophenol	7.986	162	253190	43.618	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	272787	43.447	ng	97
31) Naphthalene	8.151	128	858268	40.751	ng	99
32) Benzoic acid	7.886	122	116079	30.481	ng	97
33) 4-Chloroaniline	8.198	127	265502	29.413	ng	96
34) Hexachlorobutadiene	8.263	225	173513	45.432	ng	100
35) Caprolactam	8.575	113	69815	36.673	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	268188	41.245	ng	99
37) 2-Methylnaphthalene	8.839	142	543900	37.824	ng	98
38) 1-Methylnaphthalene	8.939	142	507173	37.836	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	254438	45.710	ng	99
41) Hexachlorocyclopentadiene	8.986	237	54440	19.085	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	163593	45.930	ng	98

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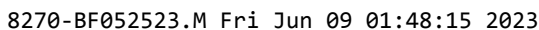
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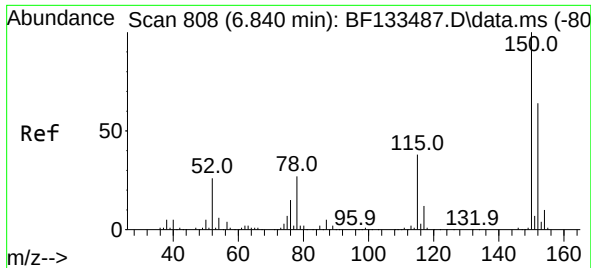
Quant Time: Jun 09 01:48:06 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	171546	41.495	ng	98
46) 1,1'-Biphenyl	9.304	154	671357	43.999	ng	100
47) 2-Chloronaphthalene	9.327	162	481575	43.549	ng	98
48) 2-Nitroaniline	9.427	65	187111	52.311	ng	94
49) Acenaphthylene	9.745	152	769365	40.769	ng	99
50) Dimethylphthalate	9.604	163	609703	46.191	ng	100
51) 2,6-Dinitrotoluene	9.669	165	105991	42.675	ng	84
52) Acenaphthene	9.916	154	457084	39.985	ng	99
53) 3-Nitroaniline	9.839	138	162965	51.545	ng	# 93
54) 2,4-Dinitrophenol	9.939	184	9932	16.449	ng	98
55) Dibenzofuran	10.086	168	684615	40.255	ng	98
56) 4-Nitrophenol	9.998	139	190689	84.439	ng	95
57) 2,4-Dinitrotoluene	10.069	165	121728	39.962	ng	92
58) Fluorene	10.433	166	507948	40.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	138224	44.394	ng	99
60) Diethylphthalate	10.304	149	603313	44.029	ng	99
61) 4-Chlorophenyl-phenyle...	10.421	204	260460	43.534	ng	99
62) 4-Nitroaniline	10.451	138	160303	50.403	ng	96
63) Azobenzene	10.586	77	516976	37.691	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	7430	13.059	ng	83
66) n-Nitrosodiphenylamine	10.545	169	466483	42.009	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	157990	43.494	ng	93
68) Hexachlorobenzene	10.980	284	169174	44.536	ng	99
69) Atrazine	11.069	200	140166	46.004	ng	100
70) Pentachlorophenol	11.174	266	165938	73.058	ng	100
71) Phenanthrene	11.398	178	725128	41.857	ng	100
72) Anthracene	11.451	178	737915	41.387	ng	99
73) Carbazole	11.604	167	710407	42.131	ng	100
74) Di-n-butylphthalate	11.933	149	885589	44.416	ng	100
75) Fluoranthene	12.586	202	735648	38.444	ng	99
77) Benzidine	12.715	184	556417	112.229	ng	98
78) Pyrene	12.815	202	726614	50.372	ng	98
80) Butylbenzylphthalate	13.439	149	324088	56.785	ng	92
81) Benzo(a)anthracene	14.009	228	502032	44.457	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	200048	56.669	ng	# 98
83) Chrysene	14.045	228	463574	40.665	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	424252	59.469	ng	99
85) Di-n-octyl phthalate	14.609	149	625952	52.671	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	361348	38.882	ng	96
88) Benzo(b)fluoranthene	15.056	252	435086	45.796	ng	99
89) Benzo(k)fluoranthene	15.086	252	381621	41.195	ng	99
90) Benzo(a)pyrene	15.421	252	349949	40.480	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	310583	41.219	ng	98
92) Benzo(g,h,i)perylene	17.403	276	265729	34.975	ng	96

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

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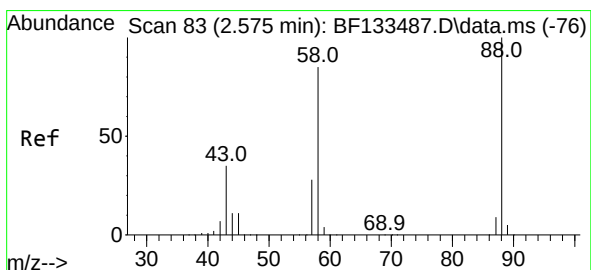
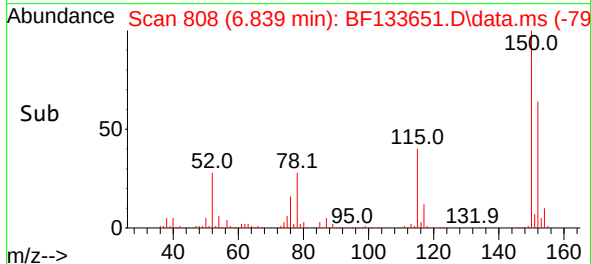
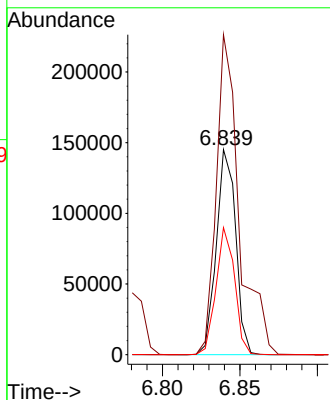
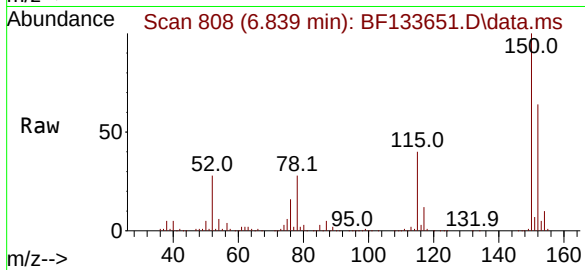




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

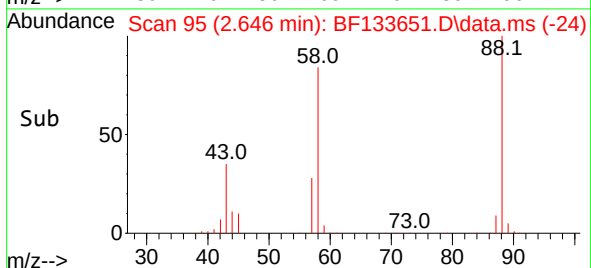
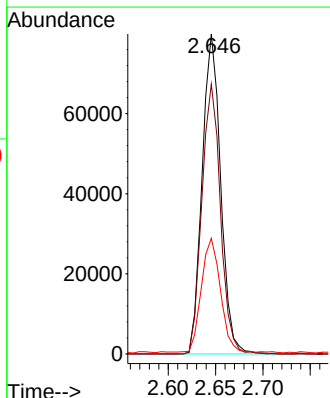
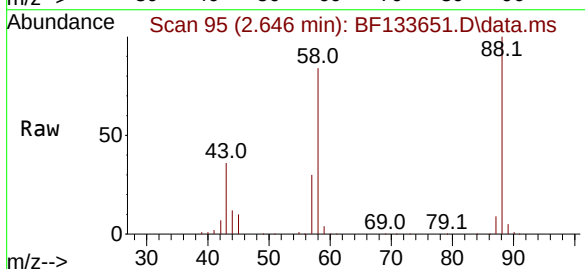
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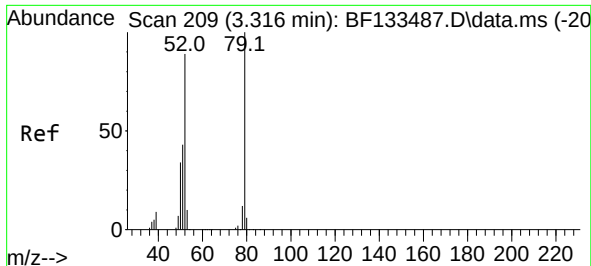
Tgt Ion:152 Resp: 126002
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.9 187.3
 115 61.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 31.856 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.071 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

Tgt Ion: 88 Resp: 108653
 Ion Ratio Lower Upper
 88 100
 58 84.7 67.7 101.5
 43 36.3 28.2 42.4

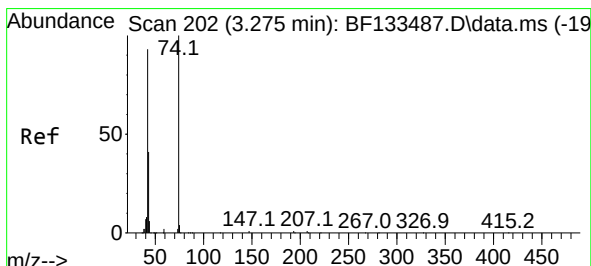
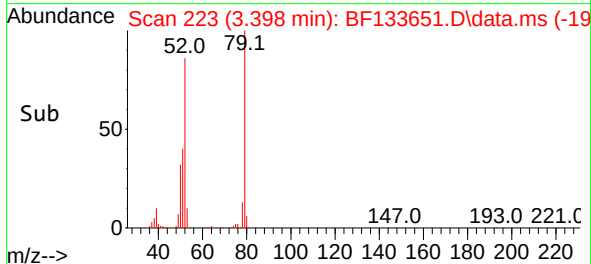
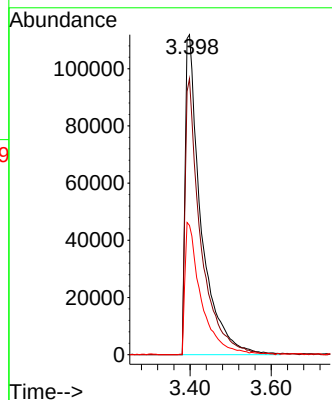
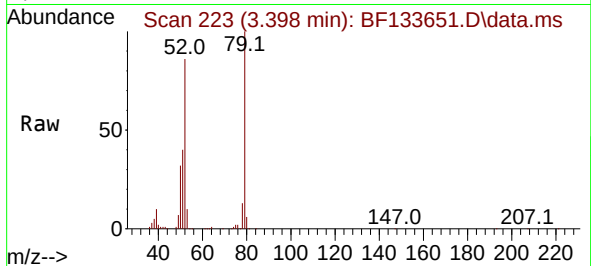




#3
Pyridine
Concen: 31.666 ng
RT: 3.398 min Scan# 215
Delta R.T. 0.082 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

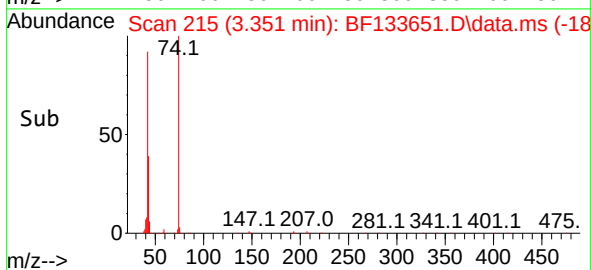
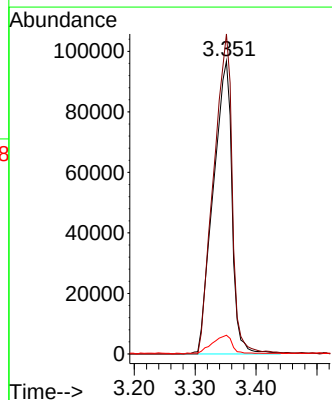
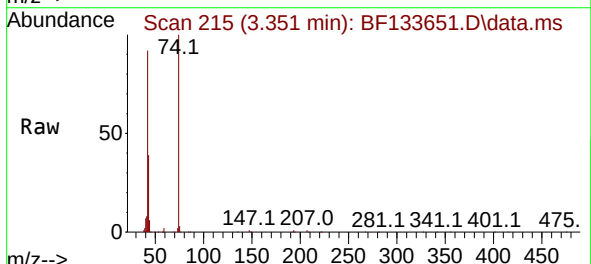
Instrument :
BNA_F
ClientSampleId :
PB153261BS

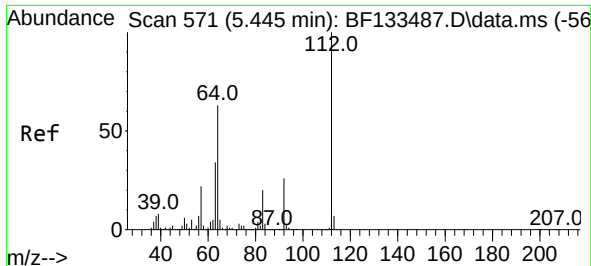
Tgt Ion: 79 Resp: 302824
Ion Ratio Lower Upper
79 100
52 86.3 71.3 106.9
51 40.4 34.4 51.6



#4
n-Nitrosodimethylamine
Concen: 39.592 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.071 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 42 Resp: 206487
Ion Ratio Lower Upper
42 100
74 109.3 85.7 128.5
44 6.4 5.6 8.4

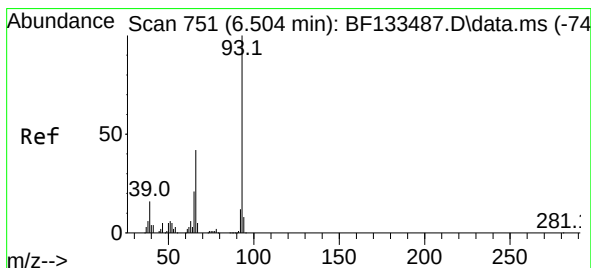
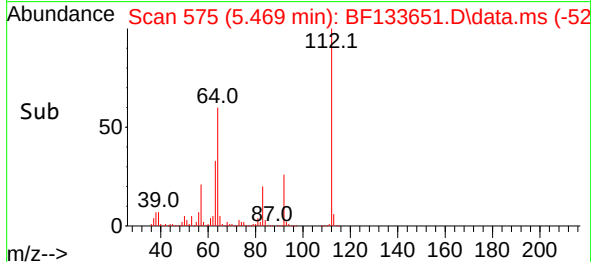
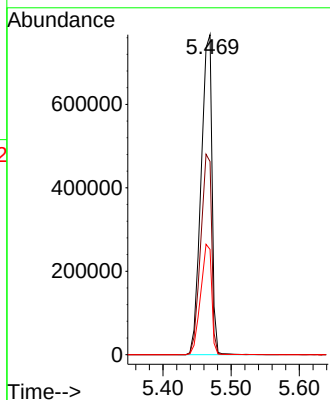
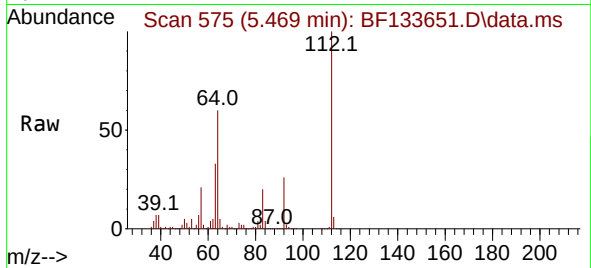




#5
2-Fluorophenol
Concen: 113.191 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

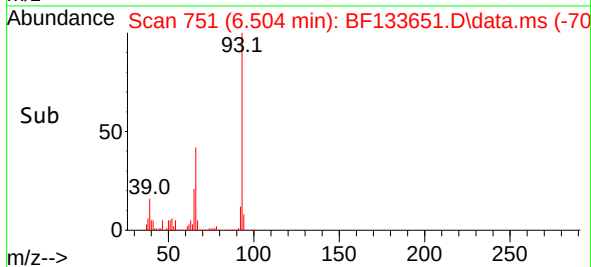
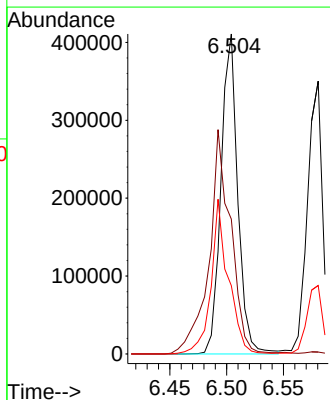
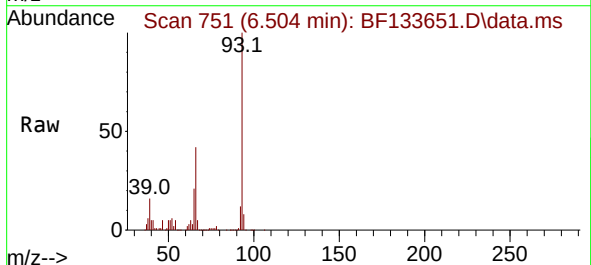
Instrument :
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ClientSampleId :
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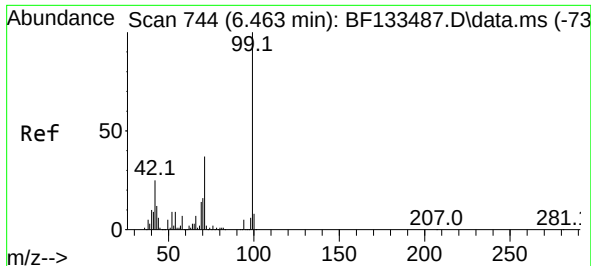
Tgt Ion:112 Resp: 854813
Ion Ratio Lower Upper
112 100
64 60.4 50.1 75.1
63 32.9 27.5 41.3



#6
Aniline
Concen: 33.460 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 93 Resp: 422353
Ion Ratio Lower Upper
93 100
66 42.2 33.9 50.9
65 21.4 17.2 25.8





#7

Phenol-d6

Concen: 108.737 ng

RT: 6.481 min Scan# 744

Delta R.T. 0.012 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

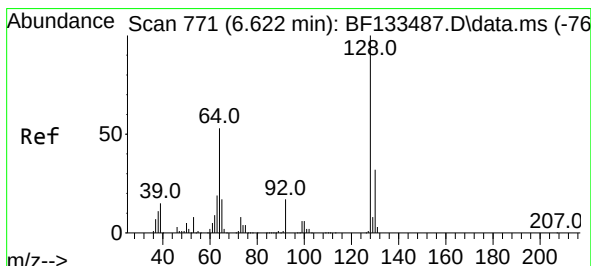
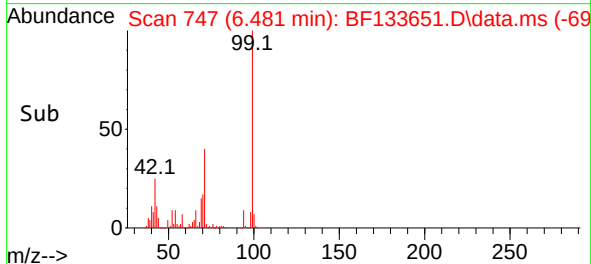
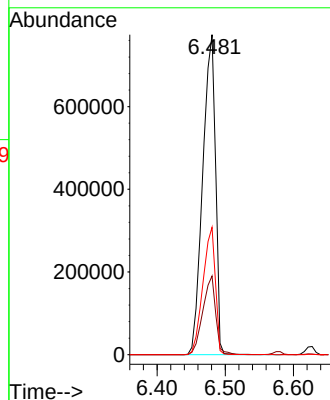
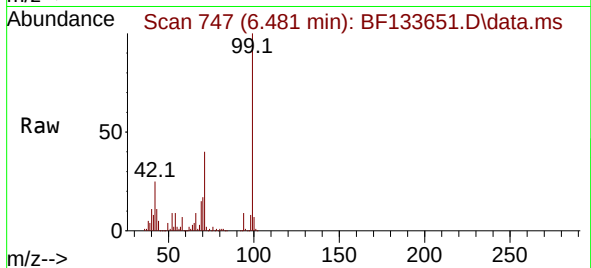
BNA_F

ClientSampleId :

PB153261BS

Tgt Ion: 99 Resp: 1010884

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.7	29.5
71	39.8	29.8	44.8



#8

2-Chlorophenol

Concen: 44.931 ng

RT: 6.628 min Scan# 772

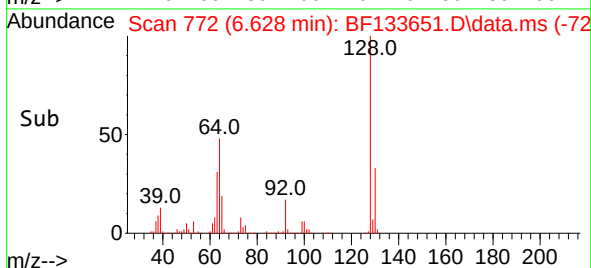
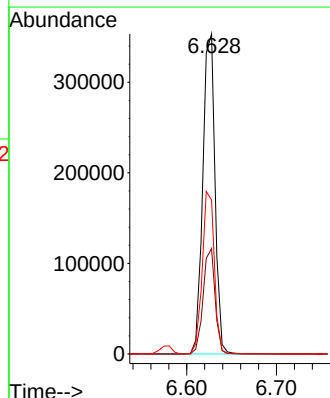
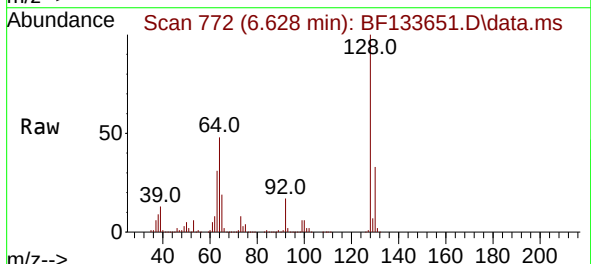
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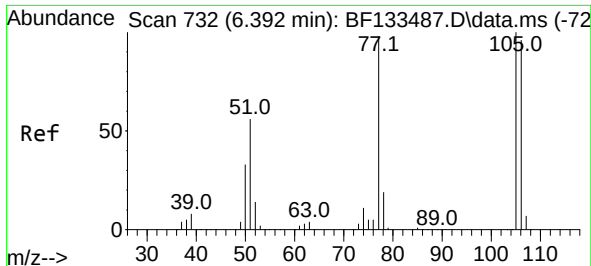
Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion: 128 Resp: 334344

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	48.1	33.3	73.3

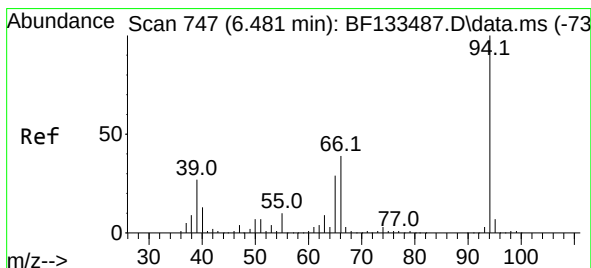
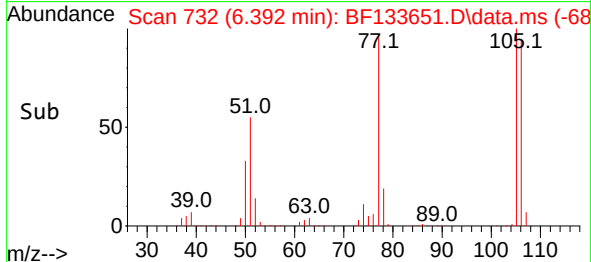
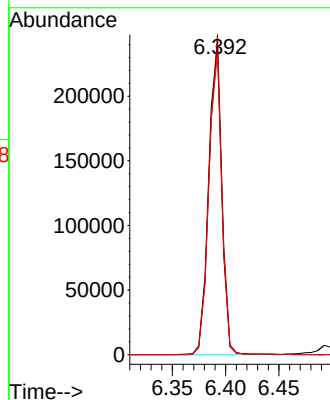
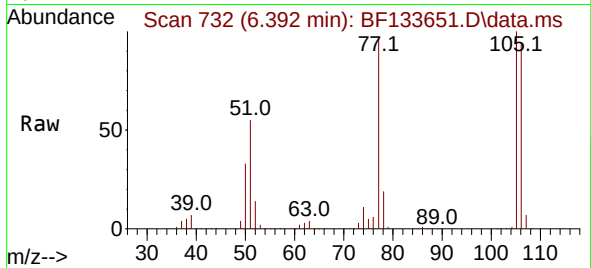




#9
Benzaldehyde
Concen: 45.961 ng
RT: 6.392 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

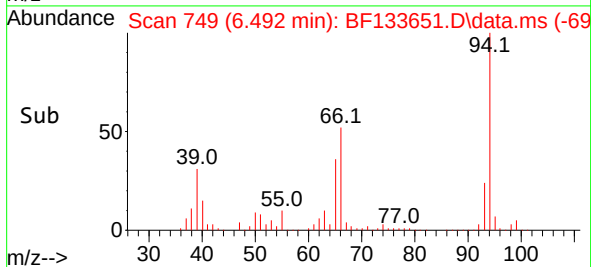
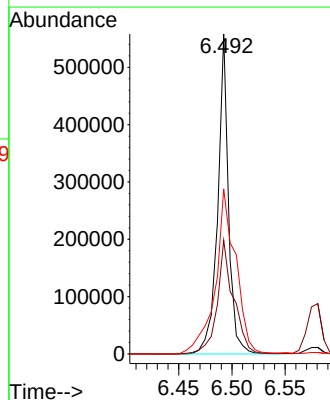
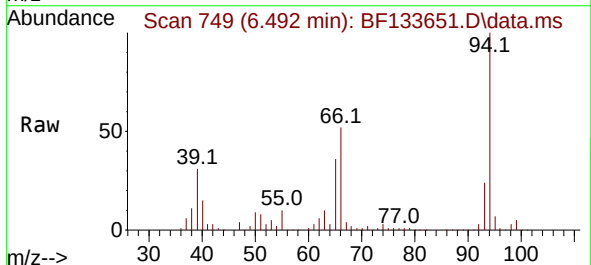
Instrument :
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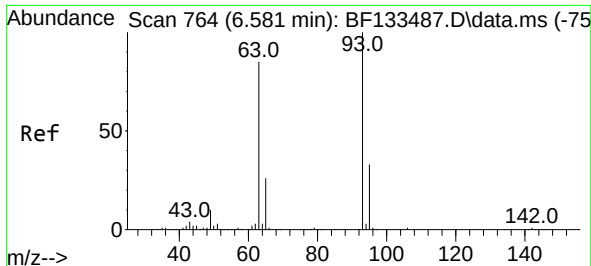
Tgt Ion: 77 Resp: 206887
Ion Ratio Lower Upper
77 100
105 103.3 81.9 121.9
106 97.3 77.8 117.8



#10
Phenol
Concen: 42.010 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 94 Resp: 391785
Ion Ratio Lower Upper
94 100
65 35.6 9.1 49.1
66 51.6 18.9 58.9

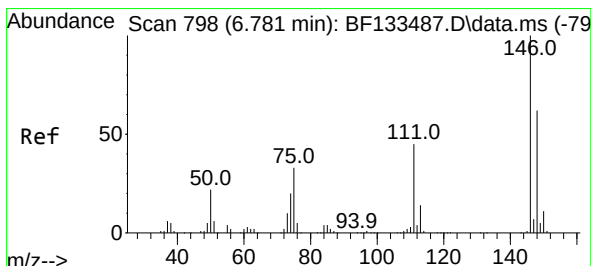
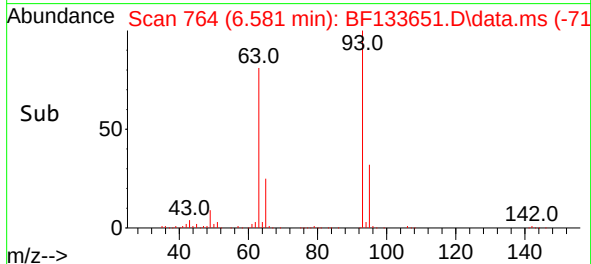
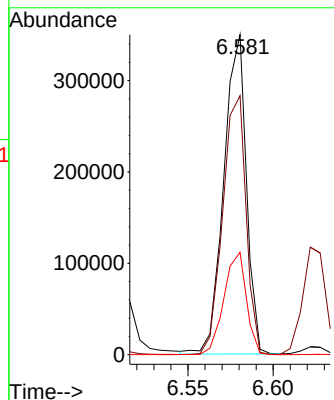
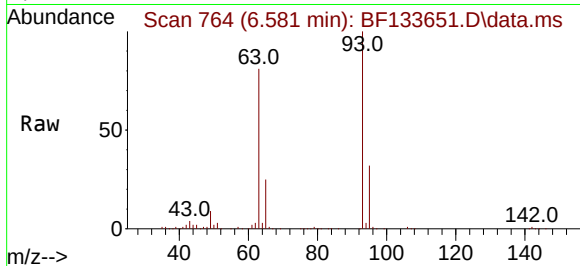




#11
bis(2-Chloroethyl)ether
Concen: 41.820 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

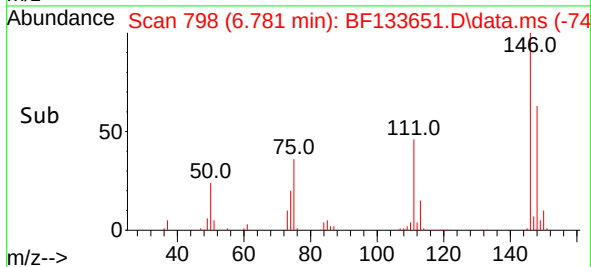
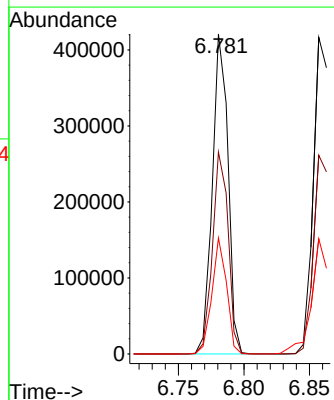
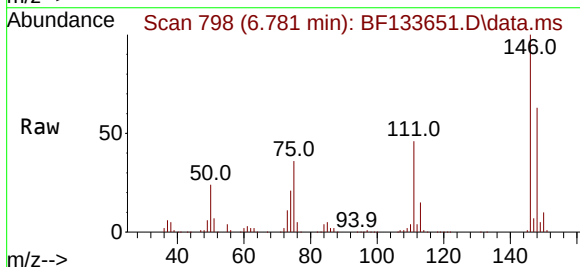
Instrument :
BNA_F
ClientSampleId :
PB153261BS

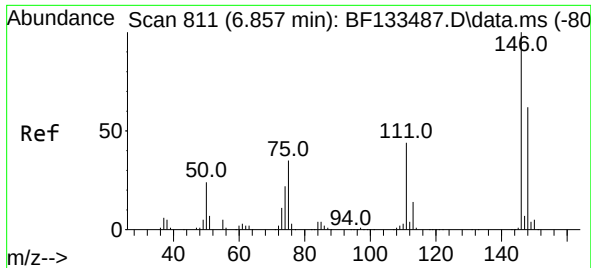
Tgt Ion: 93 Resp: 322458
Ion Ratio Lower Upper
93 100
63 81.0 64.5 104.5
95 32.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.292 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 146 Resp: 349386
Ion Ratio Lower Upper
146 100
148 63.1 49.9 74.9
75 36.2 26.7 40.1

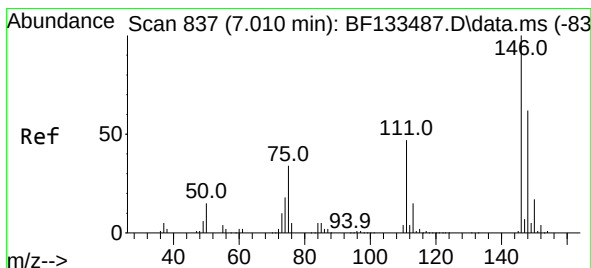
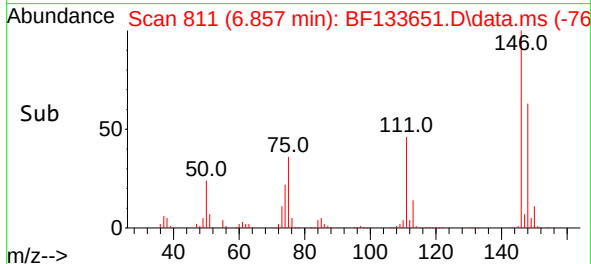
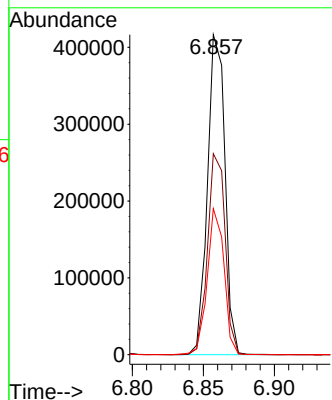
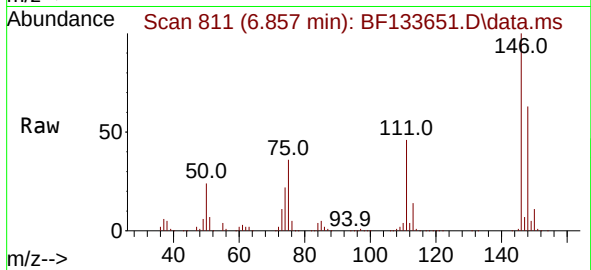




#13
1,4-Dichlorobenzene
Concen: 43.109 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

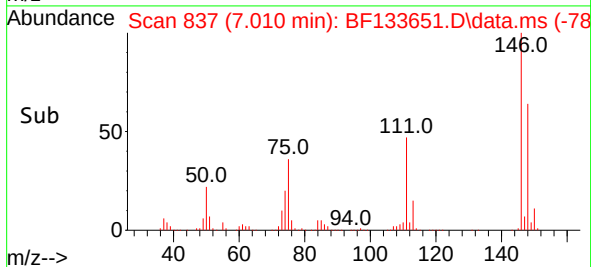
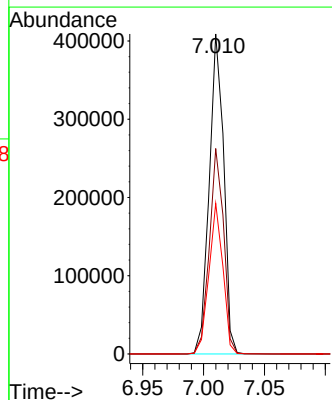
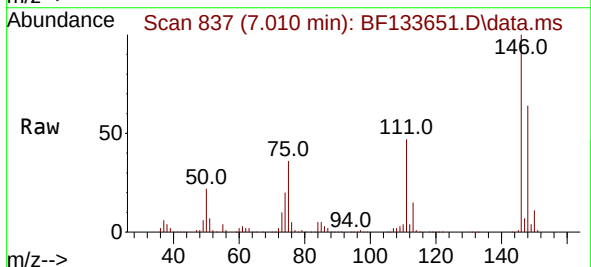
Instrument :
BNA_F
ClientSampleId :
PB153261BS

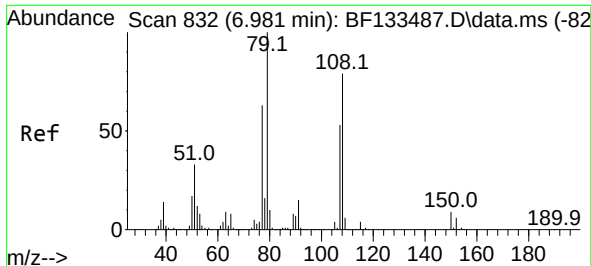
Tgt Ion:146 Resp: 357043
Ion Ratio Lower Upper
146 100
148 62.8 49.8 74.6
111 45.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 44.124 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:146 Resp: 337237
Ion Ratio Lower Upper
146 100
148 64.2 49.8 74.6
111 47.1 37.4 56.2

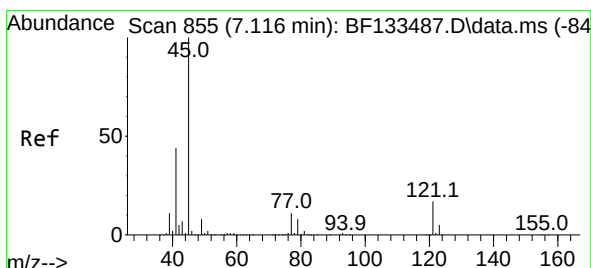
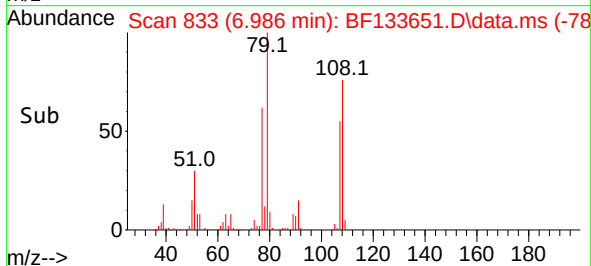
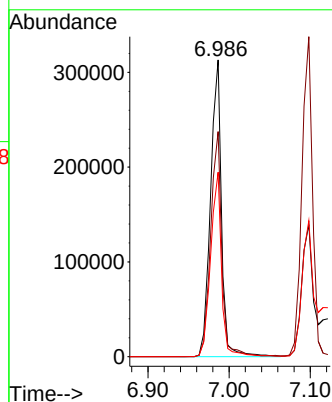
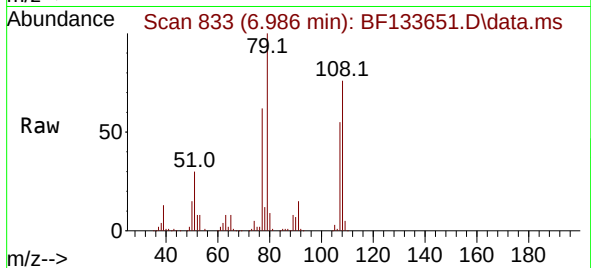




#15
Benzyl Alcohol
Concen: 41.421 ng
RT: 6.986 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

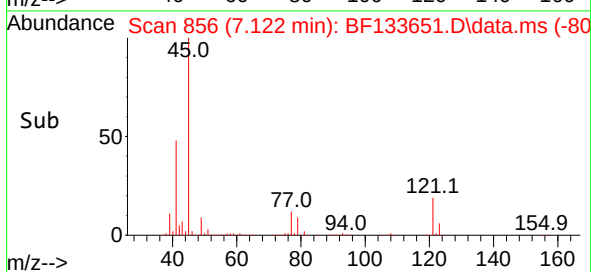
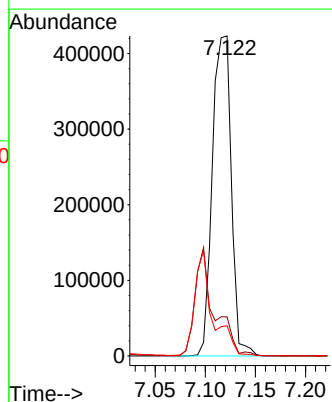
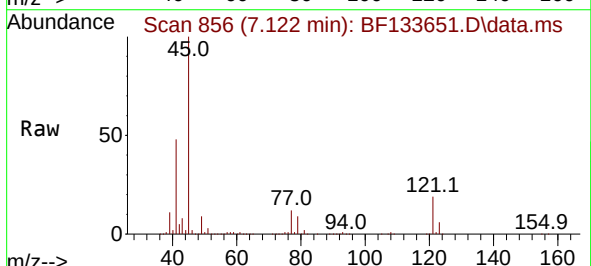
Instrument :
BNA_F
ClientSampleId :
PB153261BS

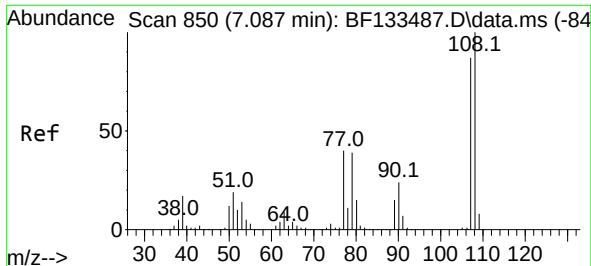
Tgt Ion: 79 Resp: 292347
Ion Ratio Lower Upper
79 100
108 75.9 63.2 94.8
77 62.2 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.040 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 45 Resp: 556312
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.8
79 9.5 0.0 28.2

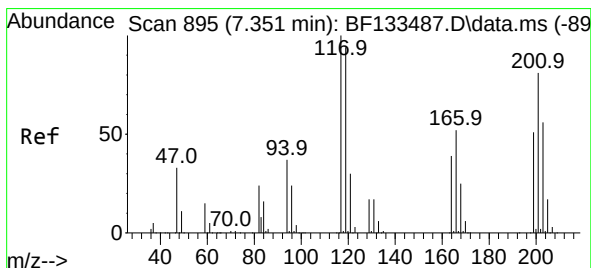
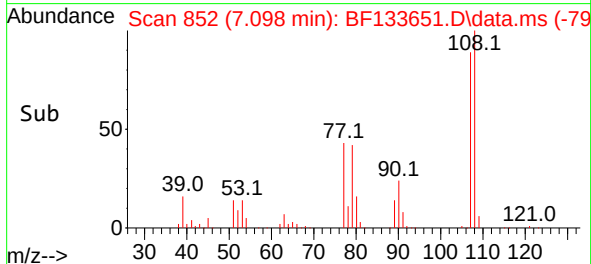
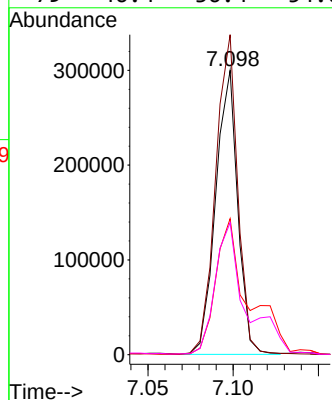
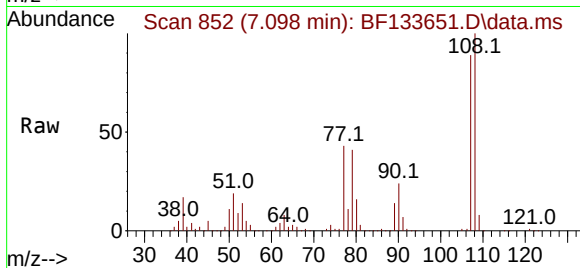




#17
2-Methylphenol
Concen: 38.225 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

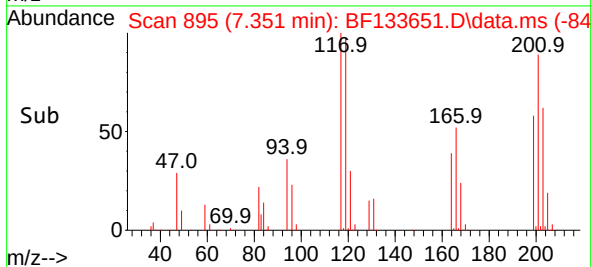
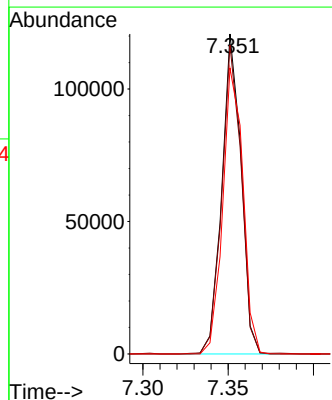
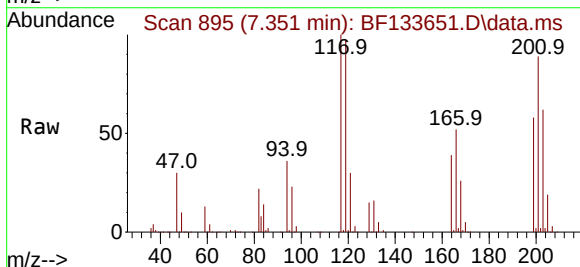
Instrument :
BNA_F
ClientSampleId :
PB153261BS

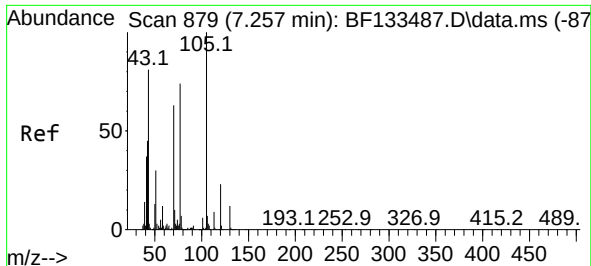
Tgt Ion:	107	Resp:	269366
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.4
77	47.9	37.1	55.7
79	46.4	36.4	54.6



#18
Hexachloroethane
Concen: 33.216 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:	117	Resp:	95129
Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.9	112.3
201	89.4	64.8	97.2



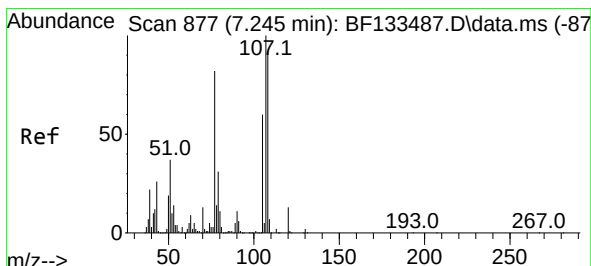
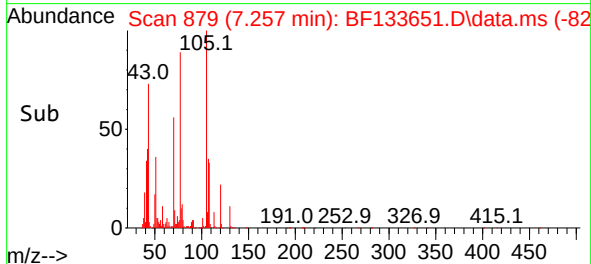
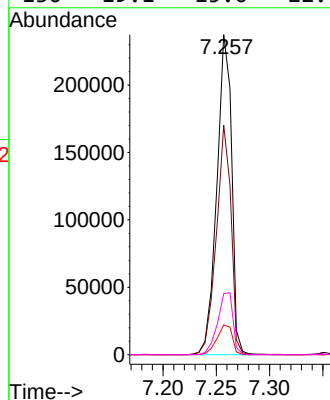
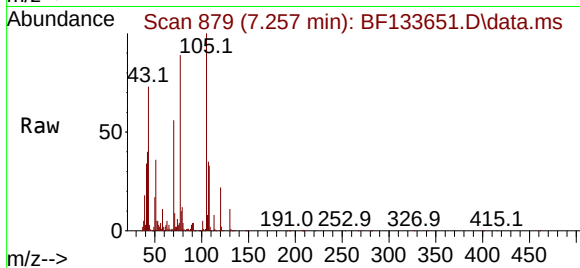


#19
n-Nitroso-di-n-propylamine
Concen: 38.139 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

Tgt Ion: 70 Resp: 229405

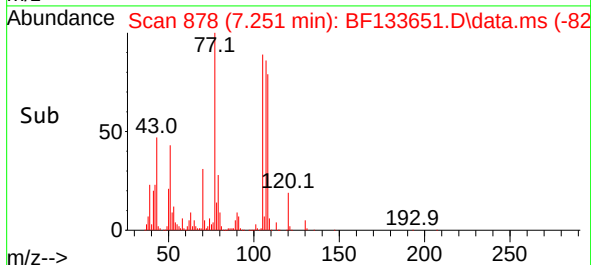
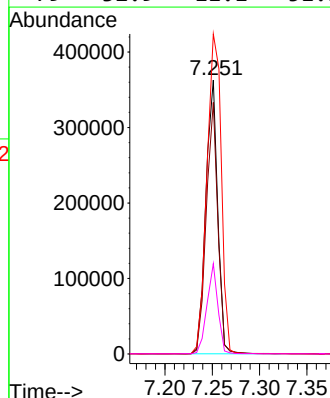
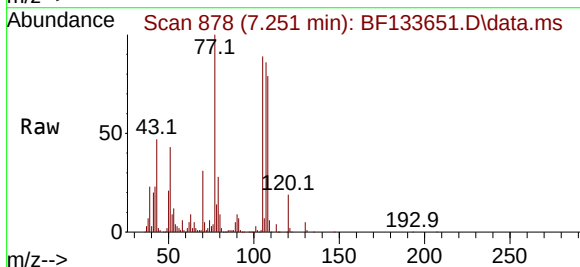
Ion	Ratio	Lower	Upper
70	100		
42	71.7	57.2	85.8
101	9.3	7.3	10.9
130	19.1	15.0	22.4

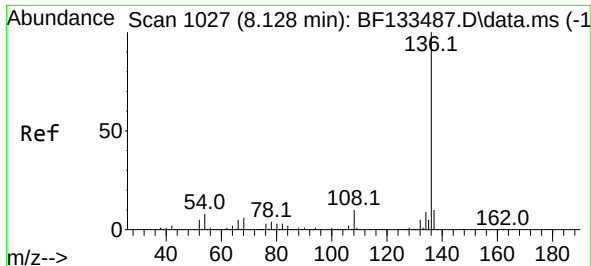


#20
3+4-Methylphenols
Concen: 39.573 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 107 Resp: 315273

Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.0	112.0
77	116.8	61.9	101.9#
79	32.9	11.1	51.1

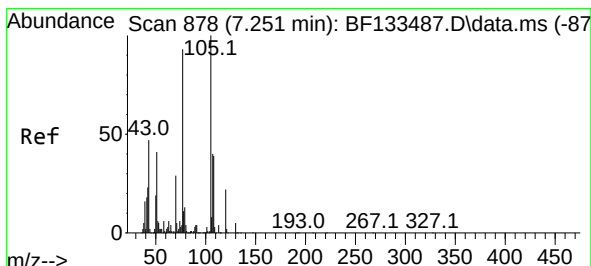
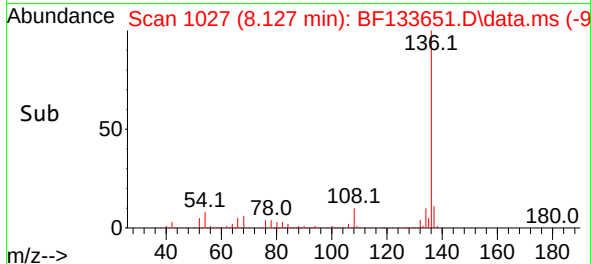
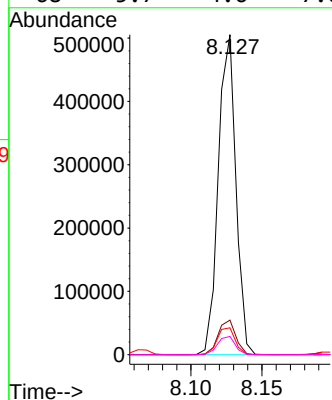
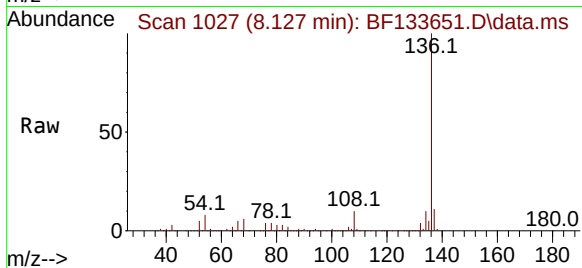




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

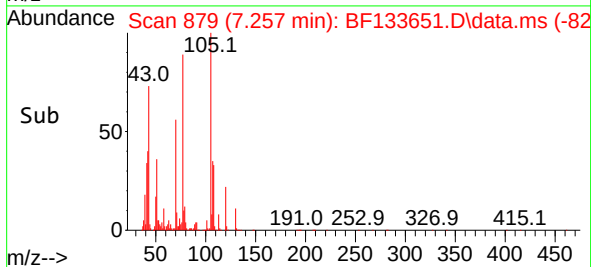
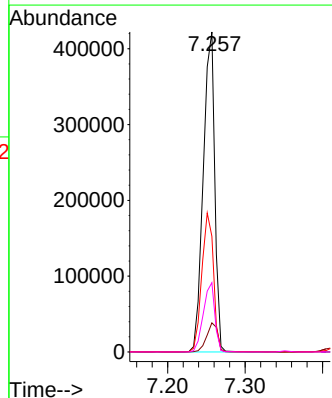
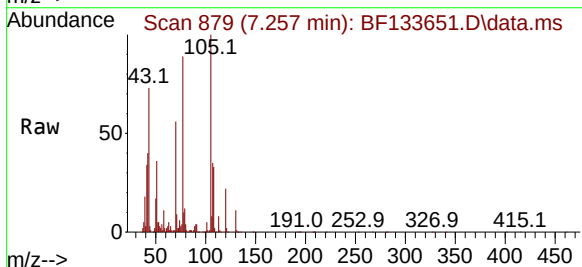
Instrument :
BNA_F
ClientSampleId :
PB153261BS

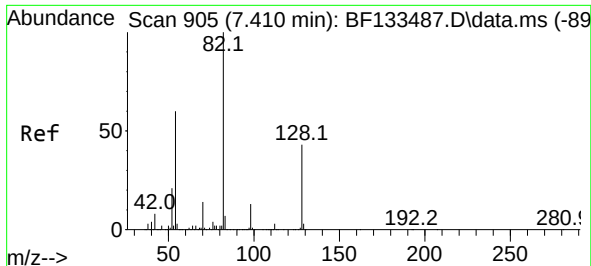
Tgt Ion:	136	Resp:	434421
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.4	6.6	10.0
68	5.7	4.6	7.0



#22
Acetophenone
Concen: 43.474 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:	105	Resp:	434924
Ion	Ratio	Lower	Upper
105	100		
71	9.1	3.8	5.8
51	36.1	32.6	49.0
120	21.6	17.5	26.3





#23

Nitrobenzene-d5

Concen: 99.317 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

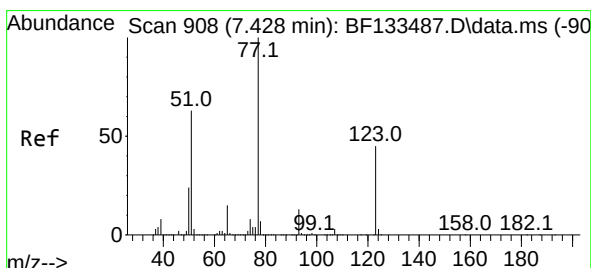
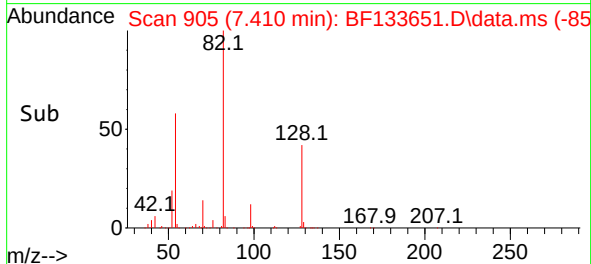
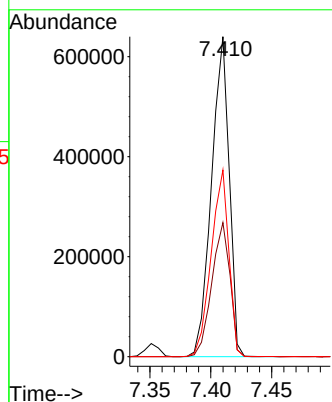
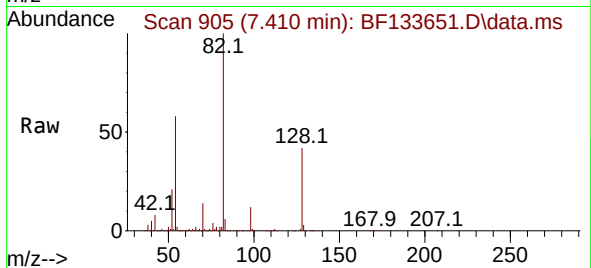
Tgt Ion: 82 Resp: 646194

Ion Ratio Lower Upper

82 100

128 41.9 34.2 51.4

54 58.4 48.2 72.4



#24

Nitrobenzene

Concen: 49.176 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

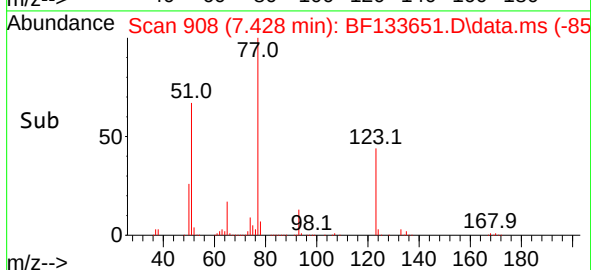
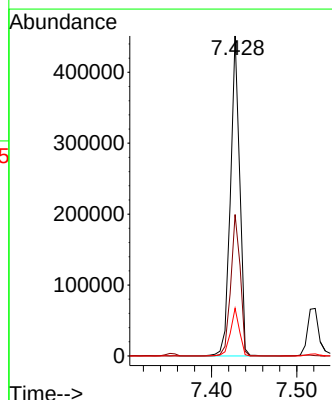
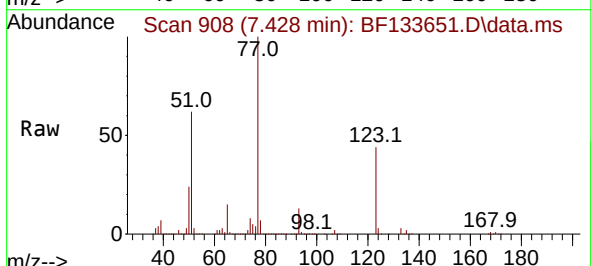
Tgt Ion: 77 Resp: 340920

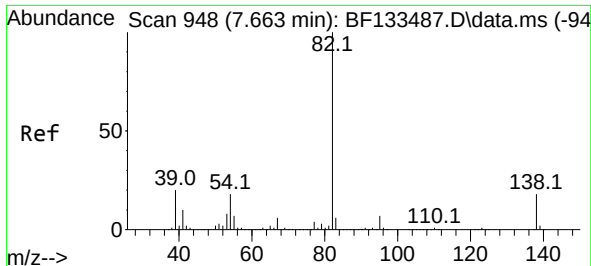
Ion Ratio Lower Upper

77 100

123 44.2 35.8 53.8

65 14.9 11.8 17.8

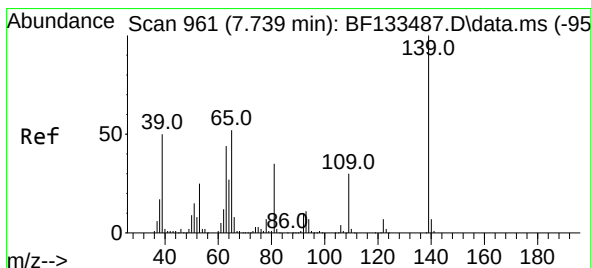
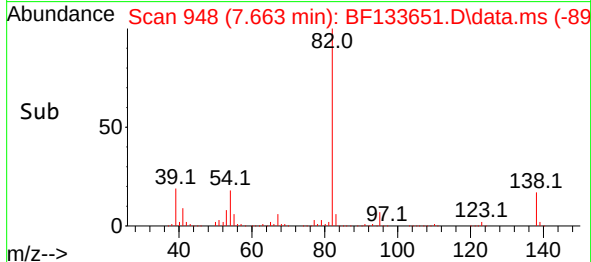
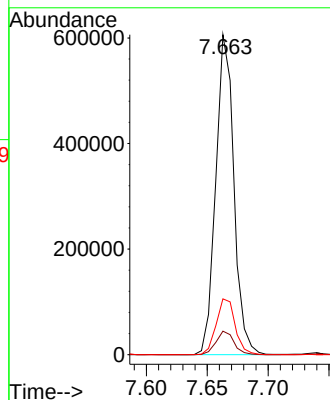
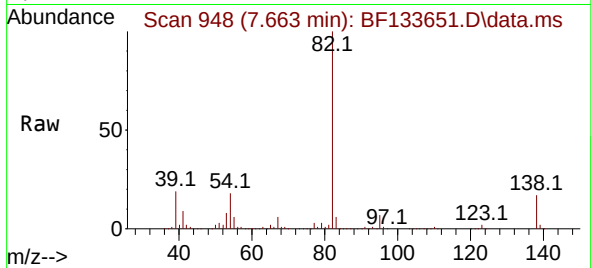




#25
Isophorone
Concen: 41.423 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

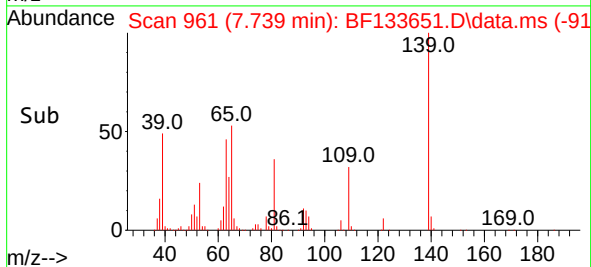
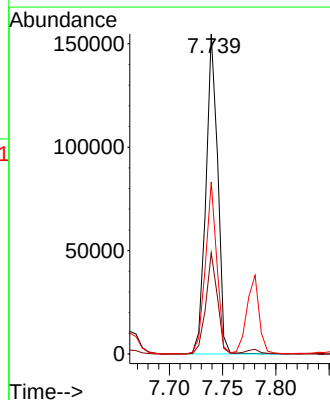
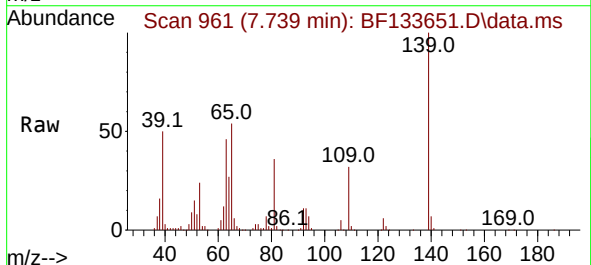
Instrument :
BNA_F
ClientSampleId :
PB153261BS

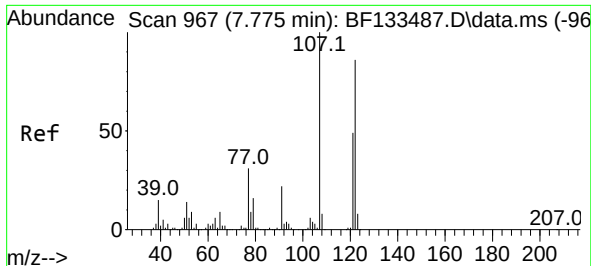
Tgt Ion: 82 Resp: 628120
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.4 14.2 21.4



#26
2-Nitrophenol
Concen: 38.600 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:139 Resp: 119349
Ion Ratio Lower Upper
139 100
109 31.6 24.0 36.0
65 53.8 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 42.794 ng

RT: 7.780 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF133651.D

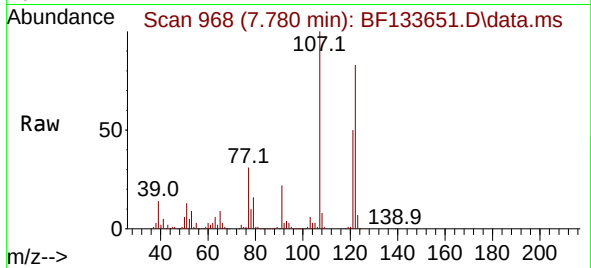
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



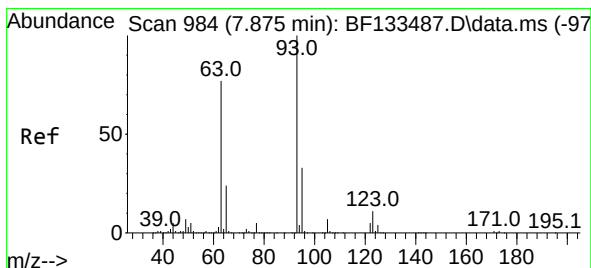
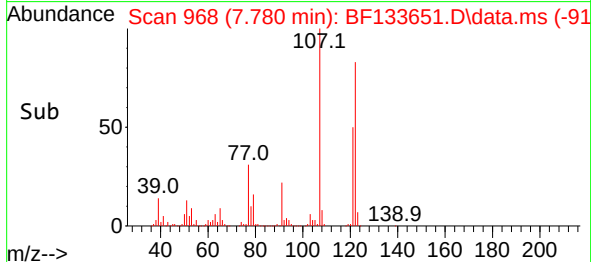
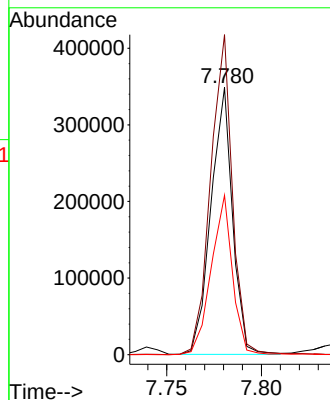
Tgt Ion:122 Resp: 276100

Ion Ratio Lower Upper

122 100

107 119.8 93.4 140.0

121 59.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.990 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

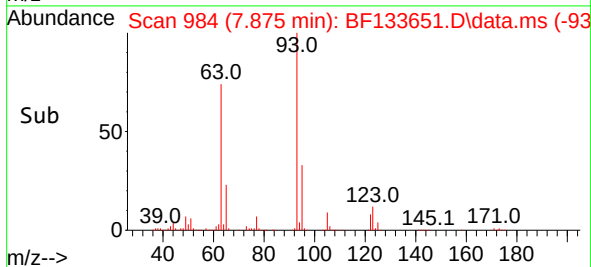
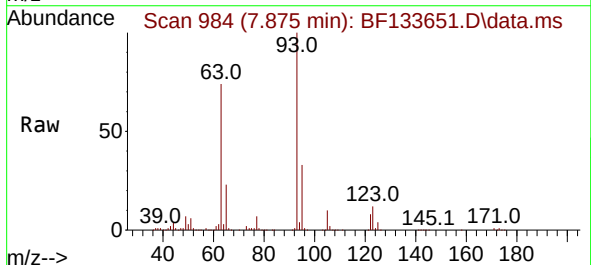
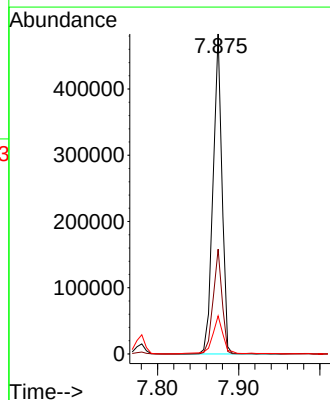
Tgt Ion: 93 Resp: 369217

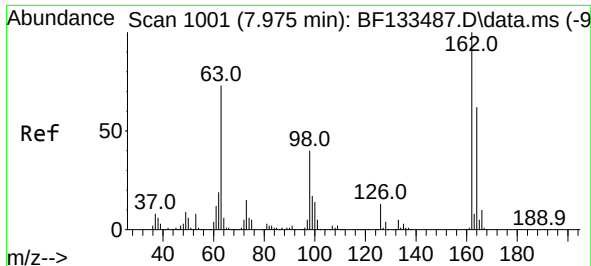
Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.618 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

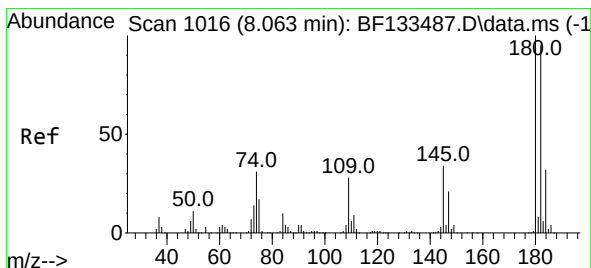
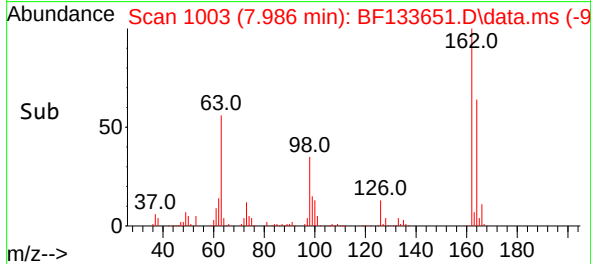
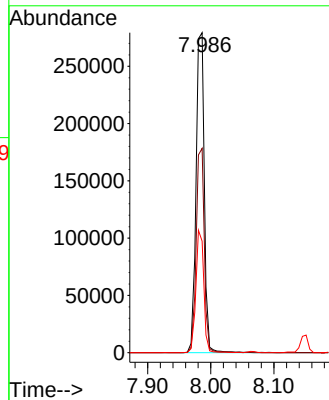
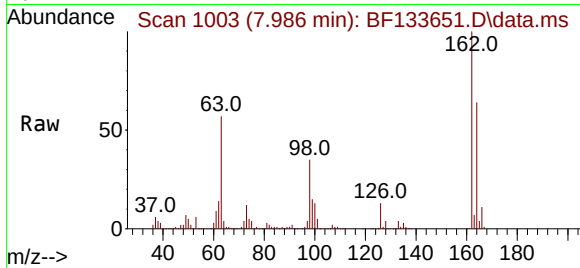
Tgt Ion:162 Resp: 253190

Ion Ratio Lower Upper

162 100

164 63.9 42.2 82.2

98 34.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 43.447 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

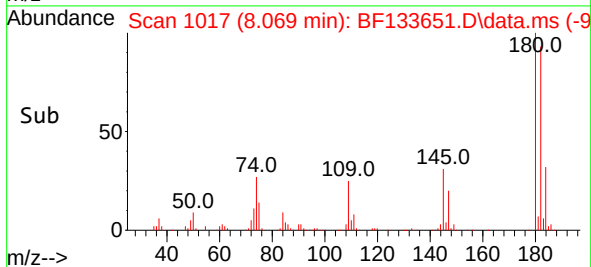
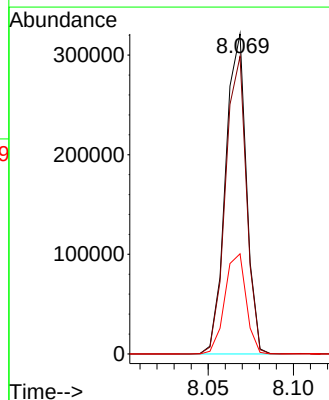
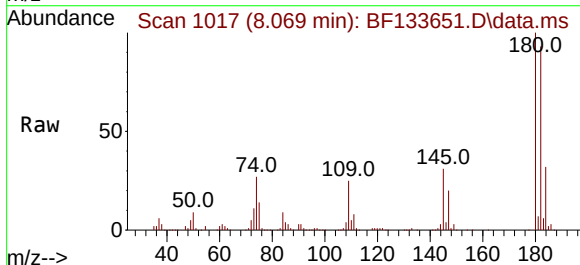
Tgt Ion:180 Resp: 272787

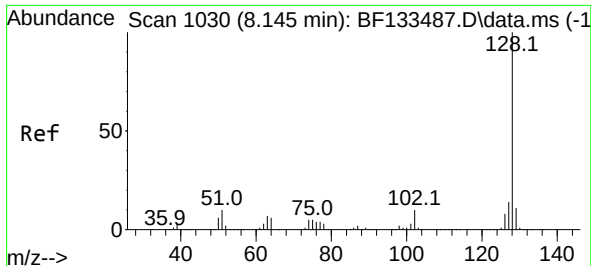
Ion Ratio Lower Upper

180 100

182 93.0 76.1 114.1

145 31.3 27.0 40.4

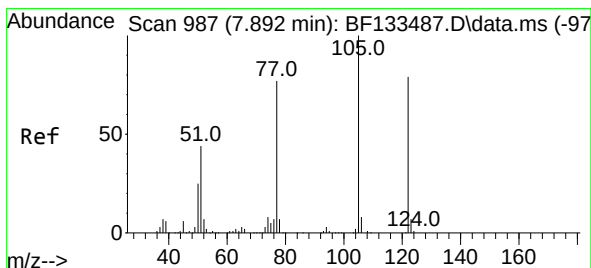
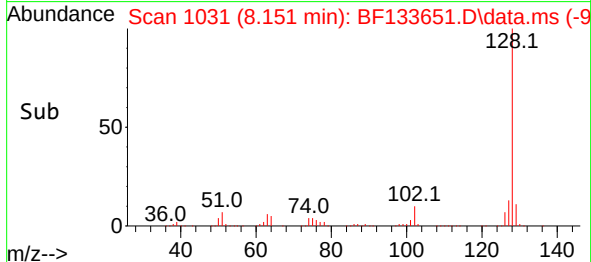
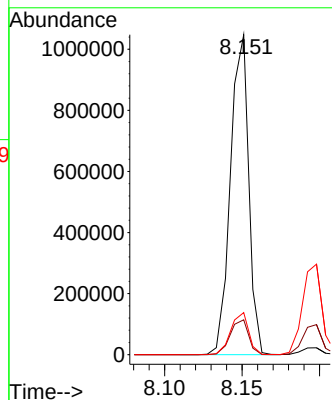
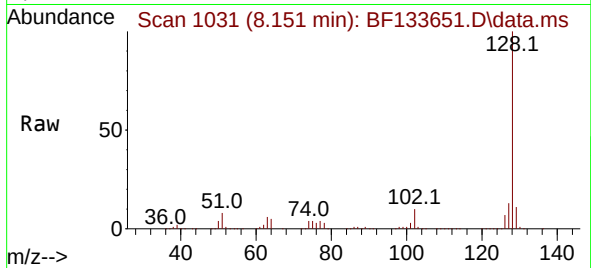




#31
Naphthalene
Concen: 40.751 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

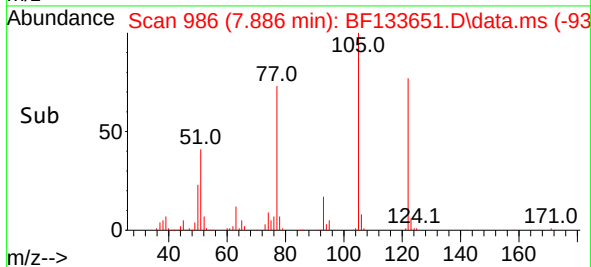
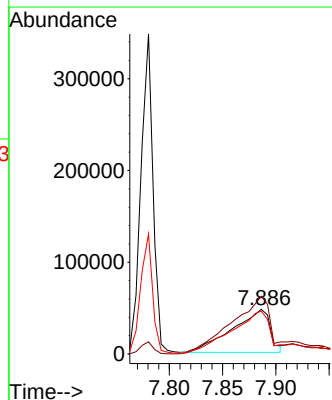
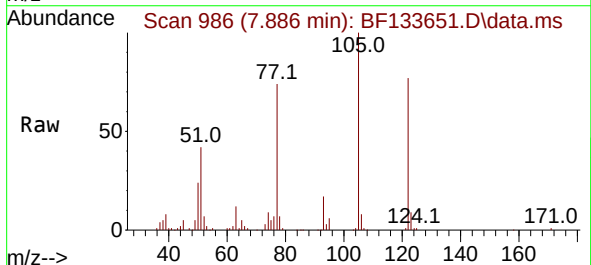
Instrument :
BNA_F
ClientSampleId :
PB153261BS

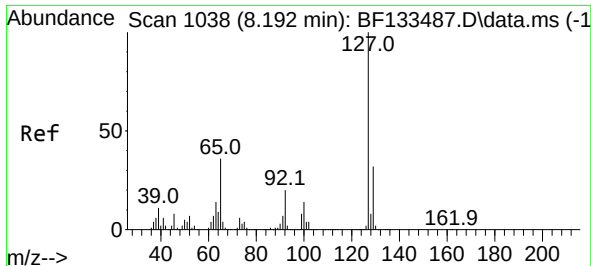
Tgt Ion:128 Resp: 858268
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 30.481 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:122 Resp: 116079
Ion Ratio Lower Upper
122 100
105 129.5 103.3 143.3
77 96.0 75.7 115.7

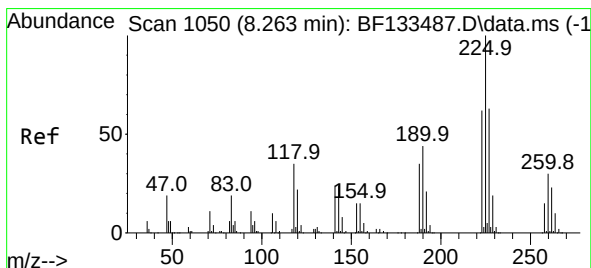
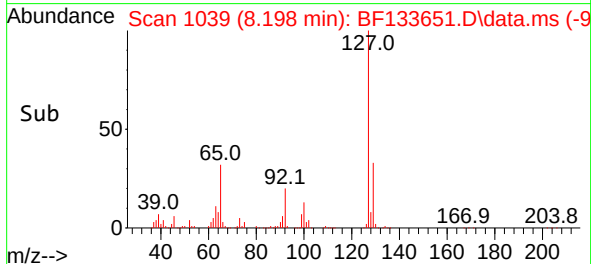
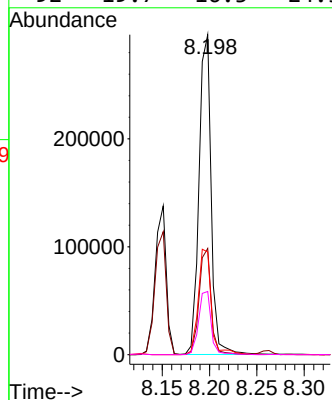
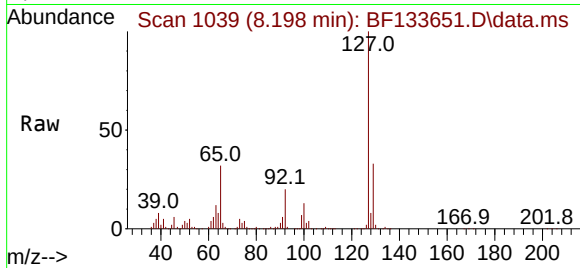




#33
4-Chloroaniline
Concen: 29.413 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

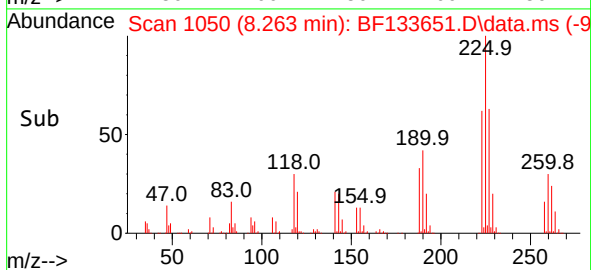
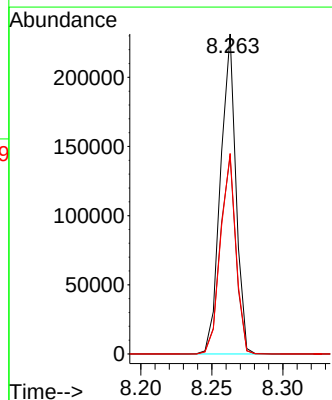
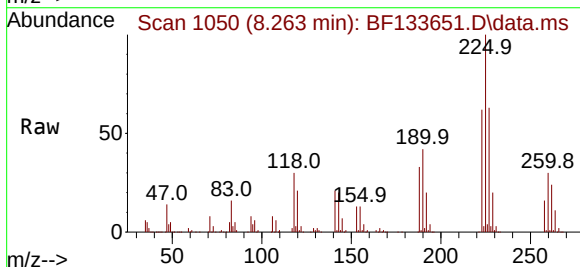
Instrument :
BNA_F
ClientSampleId :
PB153261BS

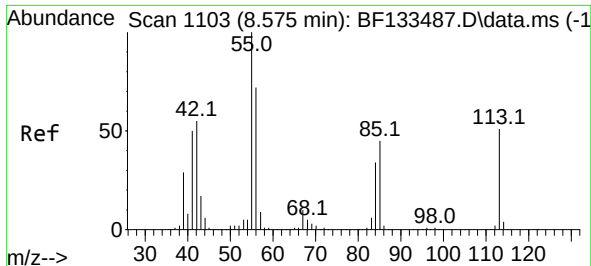
Tgt Ion:	127	Resp:	265502
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	32.1	29.0	43.6
92	19.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 45.432 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:	225	Resp:	173513
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.8
227	62.7	50.2	75.4

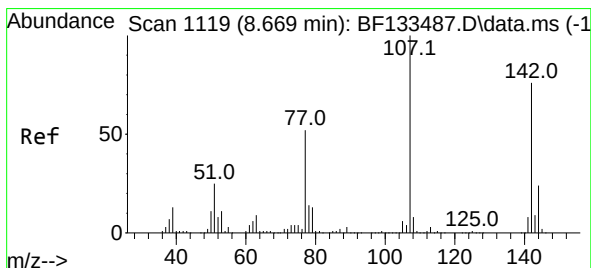
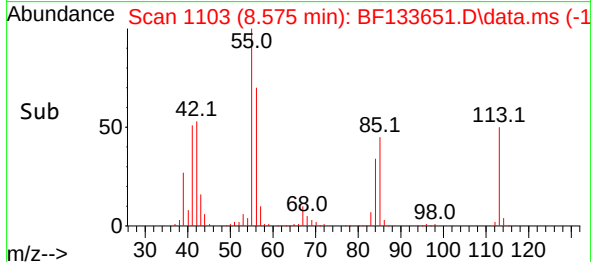
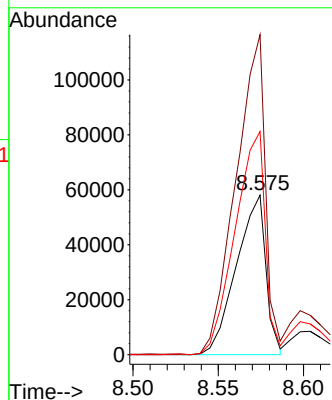
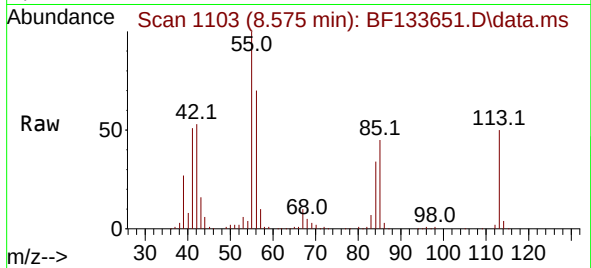




#35
 Caprolactam
 Concen: 36.673 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

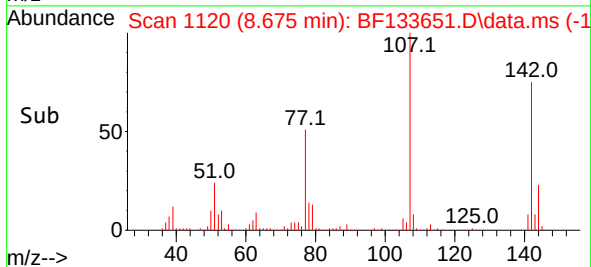
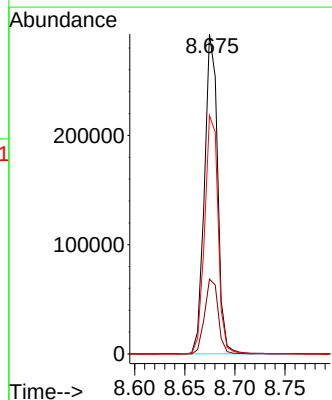
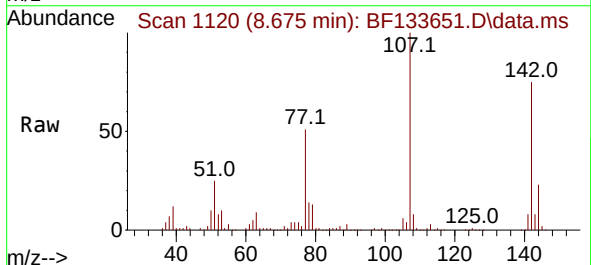
Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

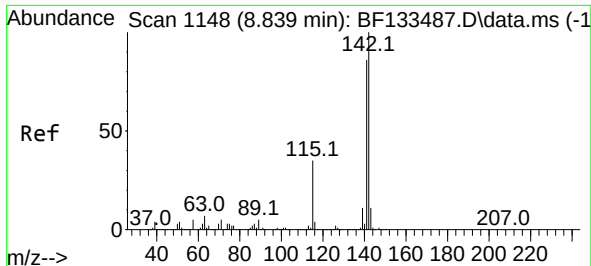
Tgt Ion:113	Resp:	69815
Ion	Ratio	Lower Upper
113	100	
55	200.6	177.5 217.5
56	140.0	122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.245 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. 0.006 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

Tgt Ion:107	Resp:	268188
Ion	Ratio	Lower Upper
107	100	
144	23.4	19.4 29.0
142	74.5	60.5 90.7





#37

2-Methylnaphthalene

Concen: 37.824 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

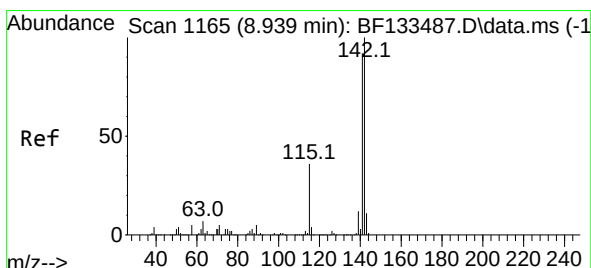
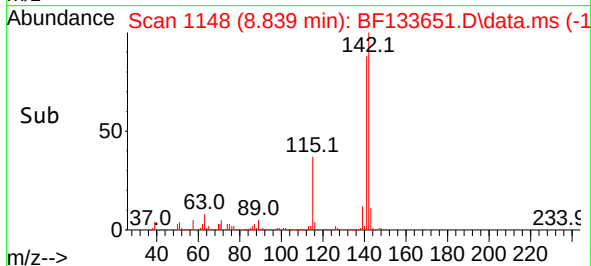
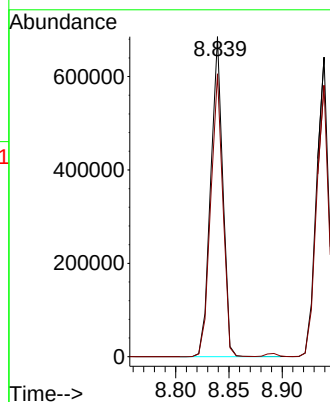
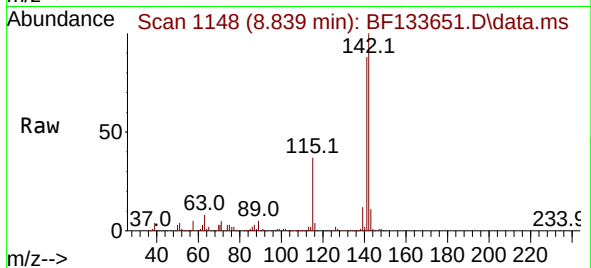
PB153261BS

Tgt Ion:142 Resp: 543900

Ion Ratio Lower Upper

142 100

141 88.4 69.2 103.8



#38

1-Methylnaphthalene

Concen: 37.836 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF133651.D

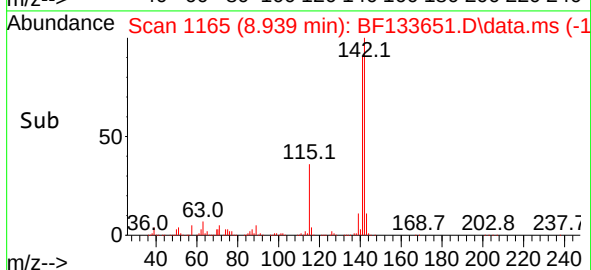
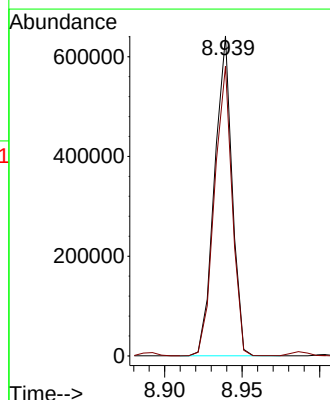
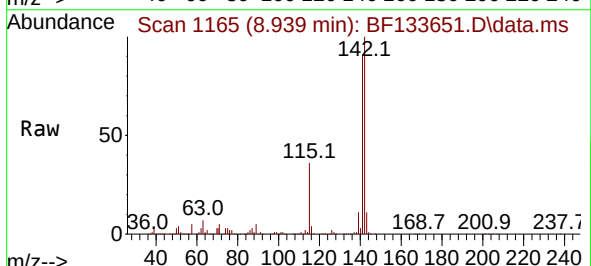
Acq: 08 Jun 2023 20:20

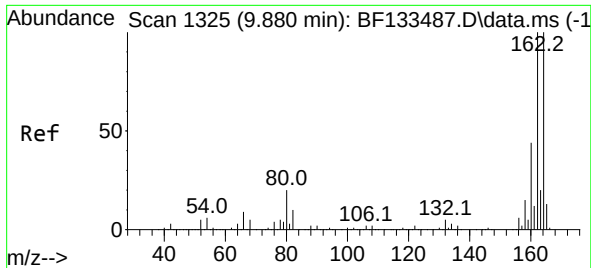
Tgt Ion:142 Resp: 507173

Ion Ratio Lower Upper

142 100

141 90.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

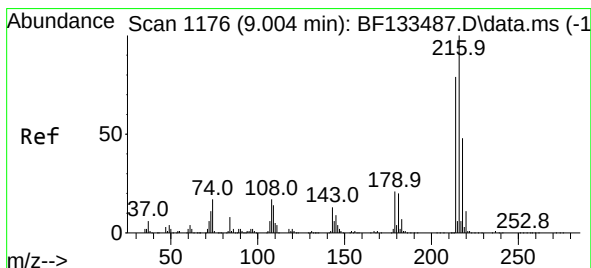
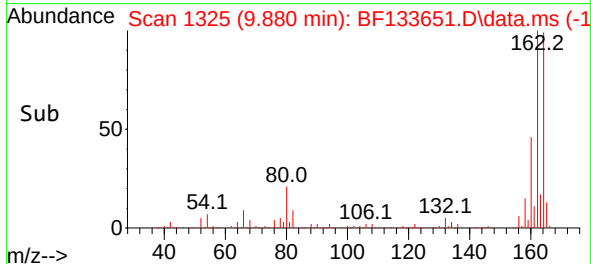
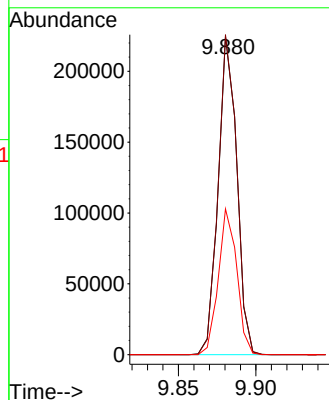
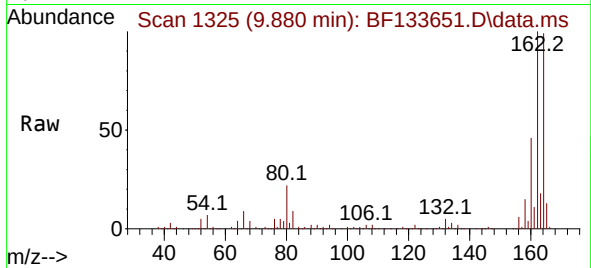
Tgt Ion:164 Resp: 187805

Ion Ratio Lower Upper

164 100

162 100.6 79.7 119.5

160 45.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.710 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion:216 Resp: 254438

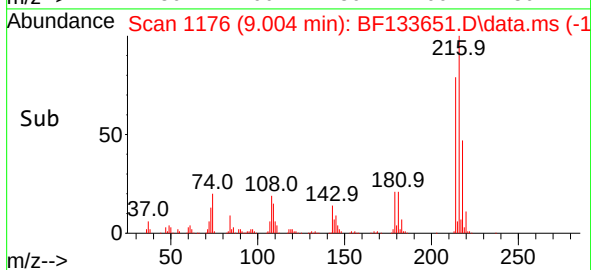
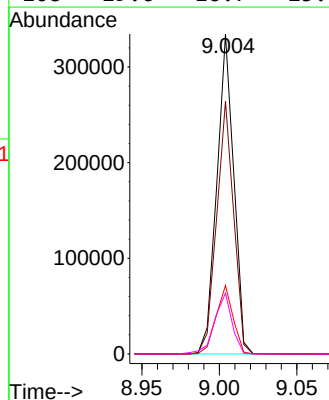
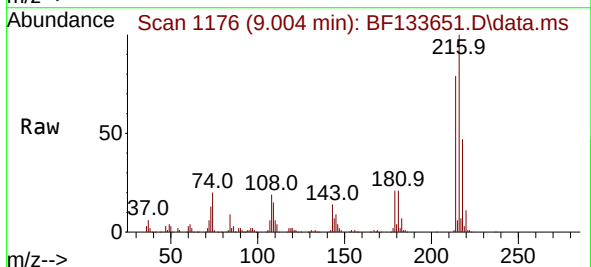
Ion Ratio Lower Upper

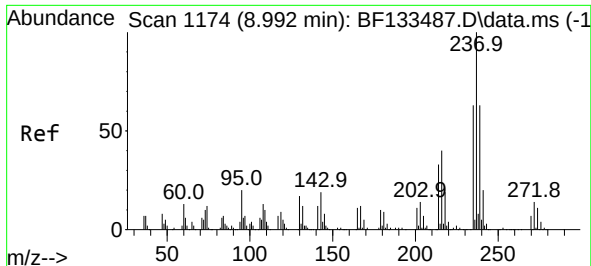
216 100

214 79.2 63.2 94.8

179 21.3 17.3 25.9

108 19.6 16.7 25.1

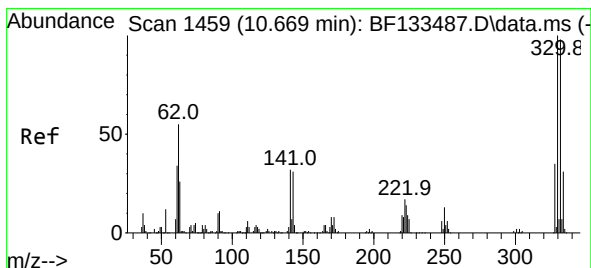
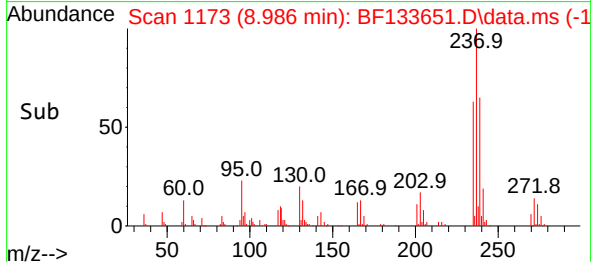
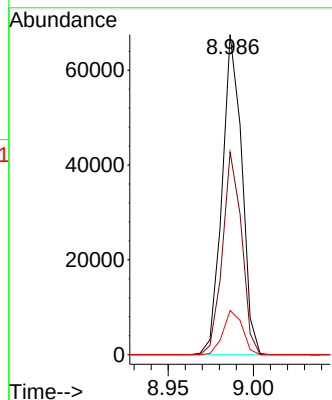
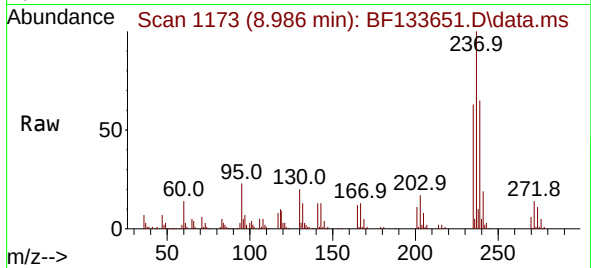




#41
Hexachlorocyclopentadiene
Concen: 19.085 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

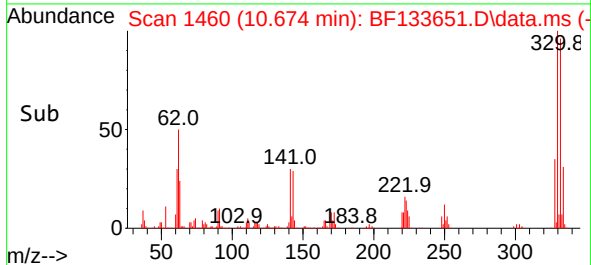
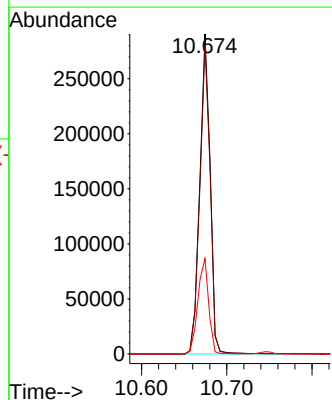
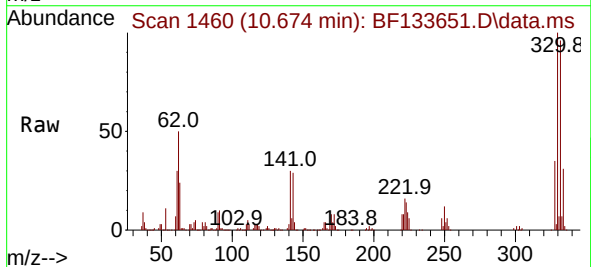
Instrument :
BNA_F
ClientSampleId :
PB153261BS

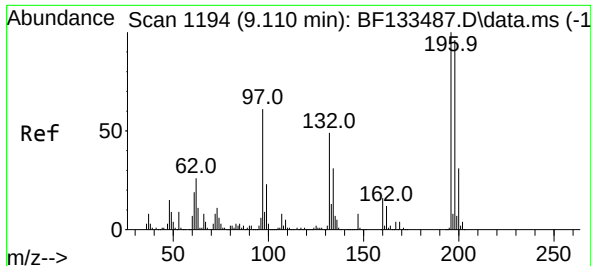
Tgt Ion:237 Resp: 54440
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 131.508 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:330 Resp: 246193
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 31.0 26.6 40.0

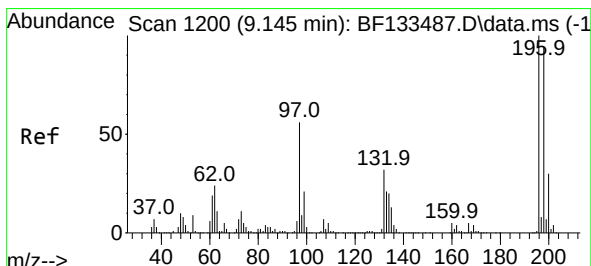
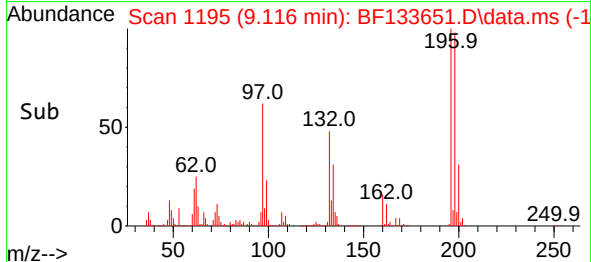
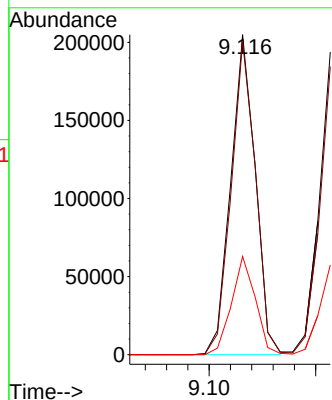
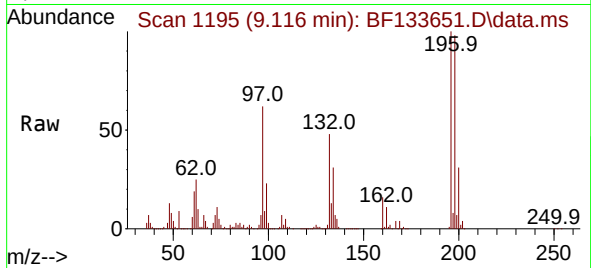




#43
2,4,6-Trichlorophenol
Concen: 45.930 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

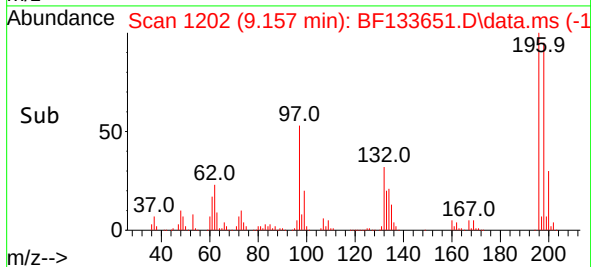
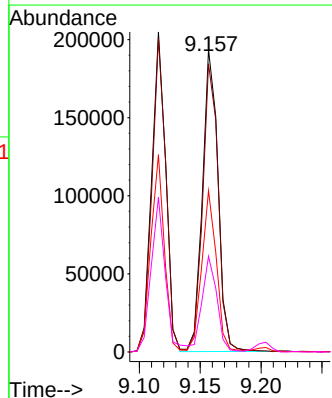
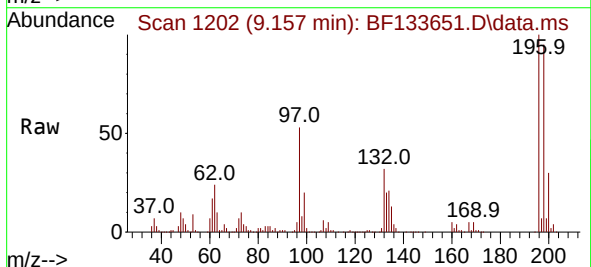
Instrument :
BNA_F
ClientSampleId :
PB153261BS

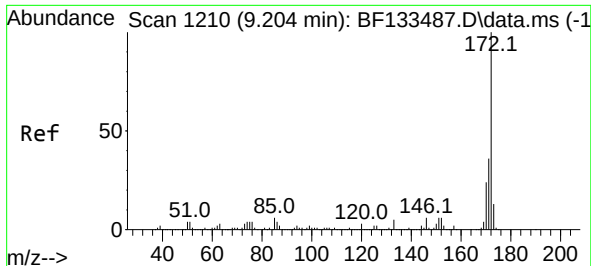
Tgt Ion:196 Resp: 163593
Ion Ratio Lower Upper
196 100
198 98.1 76.6 115.0
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 41.495 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:196 Resp: 171546
Ion Ratio Lower Upper
196 100
198 95.2 75.3 112.9
97 53.3 44.9 67.3
132 31.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 88.624 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

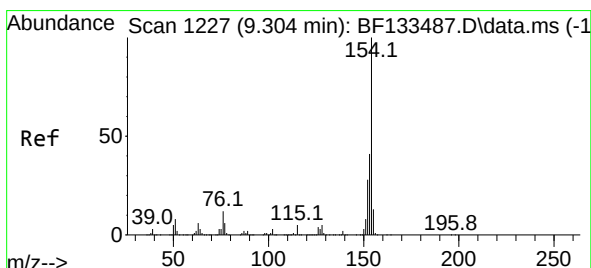
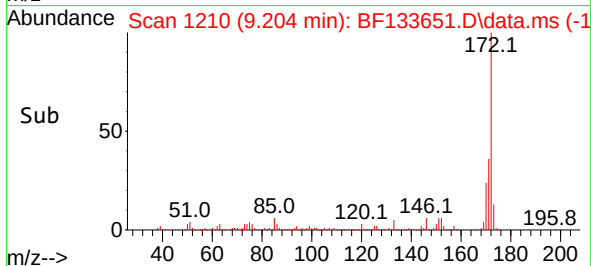
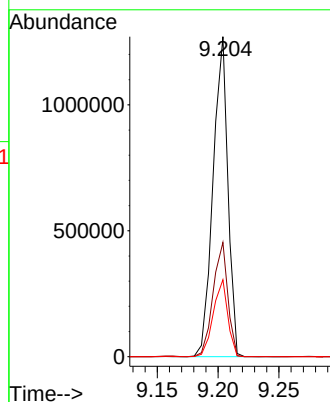
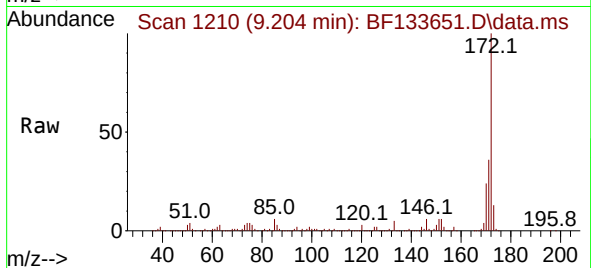
Tgt Ion:172 Resp: 1078372

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.3 28.9



#46

1,1'-Biphenyl

Concen: 43.999 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

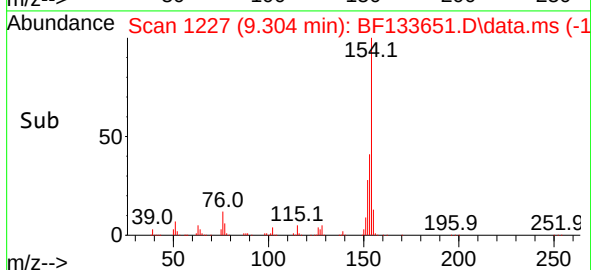
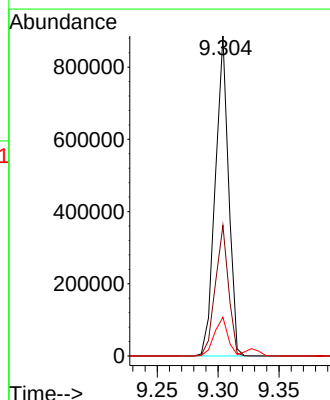
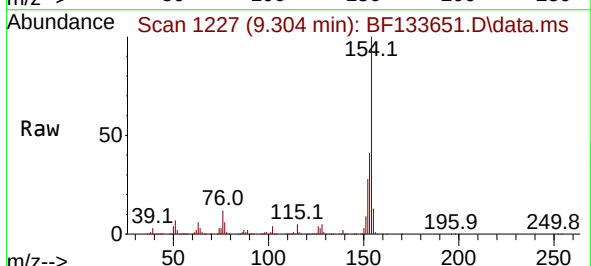
Tgt Ion:154 Resp: 671357

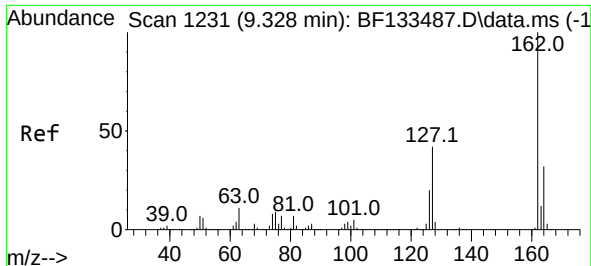
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 12.1 0.0 32.5





#47

2-Chloronaphthalene

Concen: 43.549 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

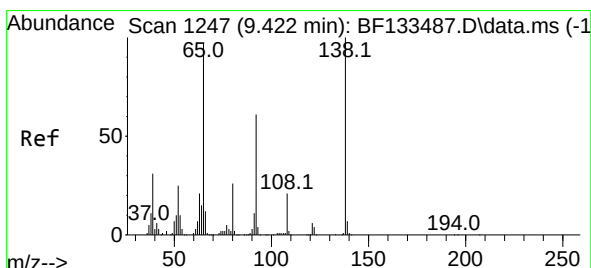
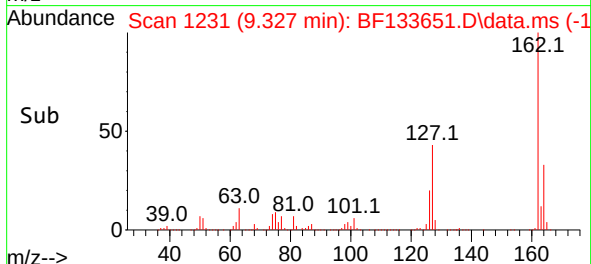
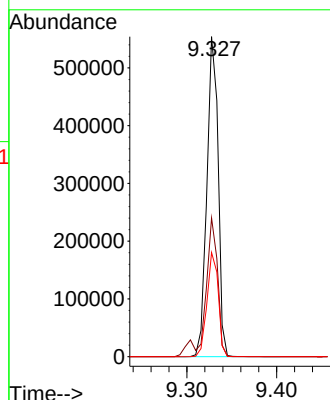
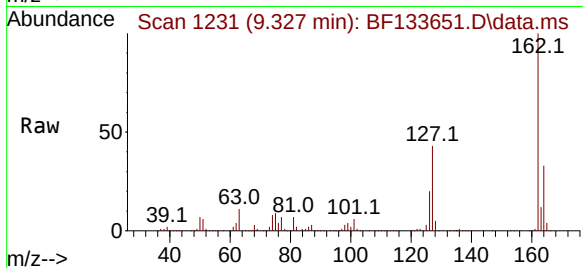
Tgt Ion:162 Resp: 481575

Ion Ratio Lower Upper

162 100

127 43.4 33.2 49.8

164 32.6 26.0 39.0



#48

2-Nitroaniline

Concen: 52.311 ng

RT: 9.427 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

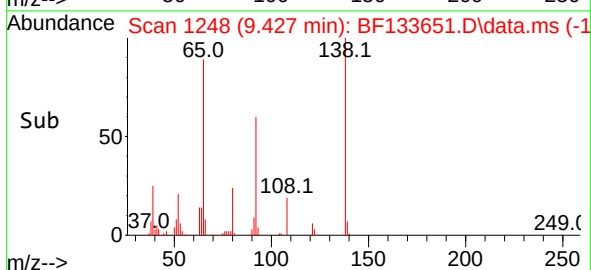
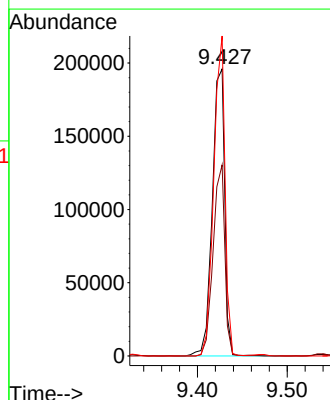
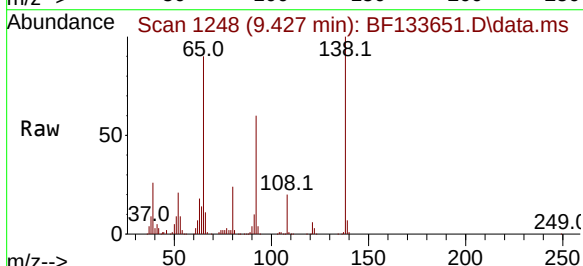
Tgt Ion: 65 Resp: 187111

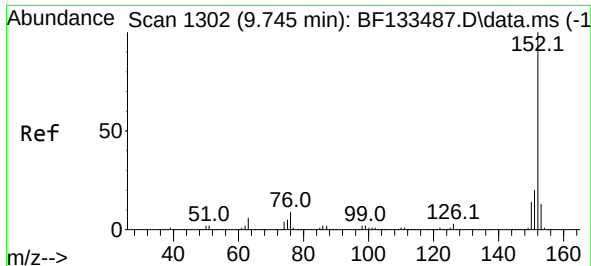
Ion Ratio Lower Upper

65 100

92 66.6 50.8 76.2

138 111.5 82.6 124.0

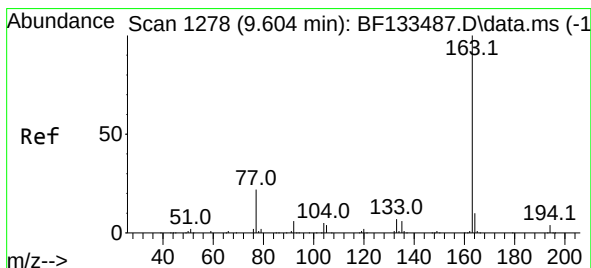
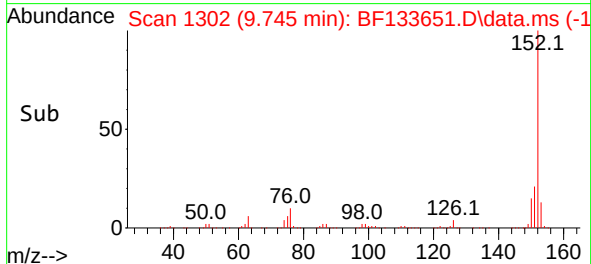
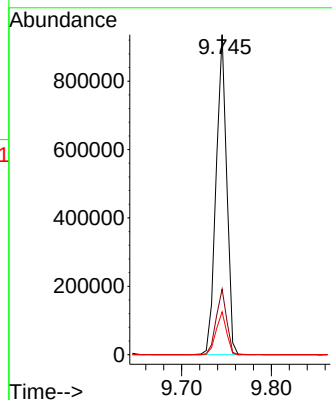
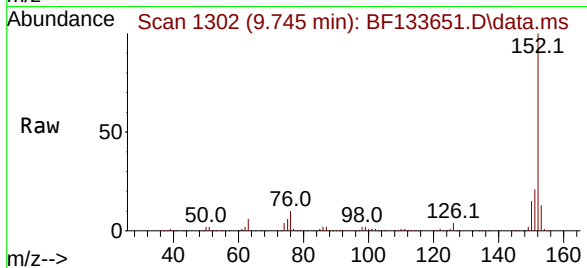




#49
Acenaphthylene
Concen: 40.769 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

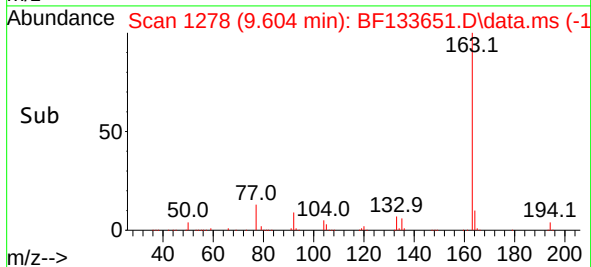
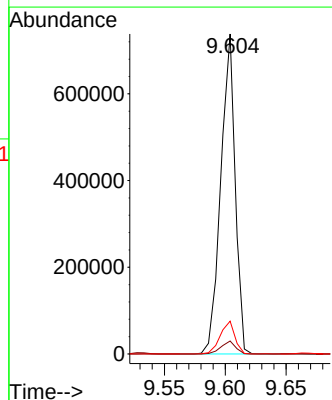
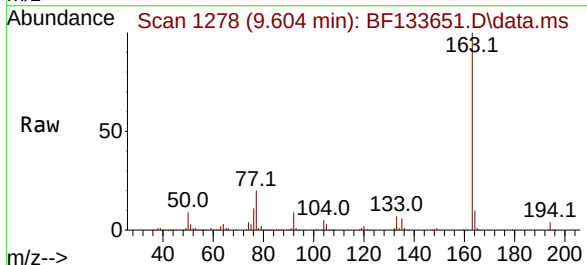
Instrument :
BNA_F
ClientSampleId :
PB153261BS

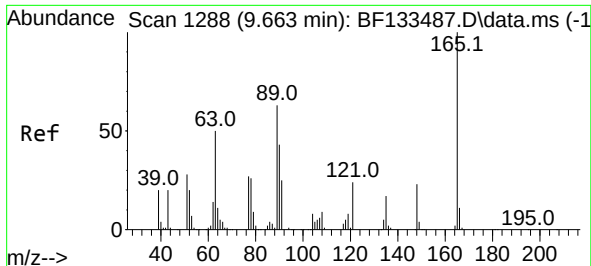
Tgt Ion:152 Resp: 769365
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 46.191 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:163 Resp: 609703
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.2

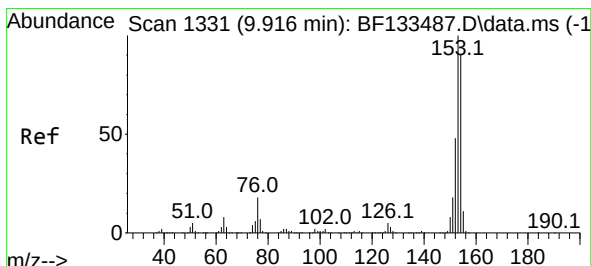
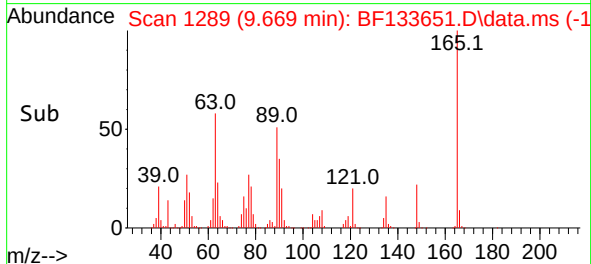
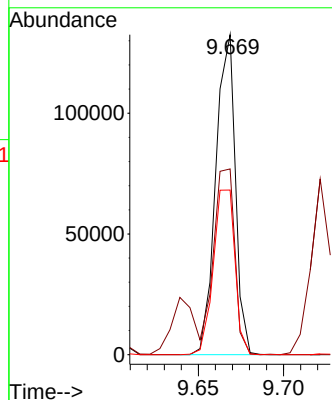
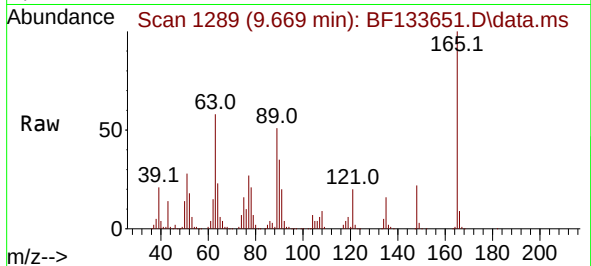




#51
2,6-Dinitrotoluene
Concen: 42.675 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

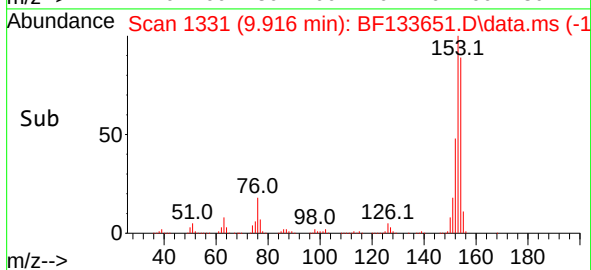
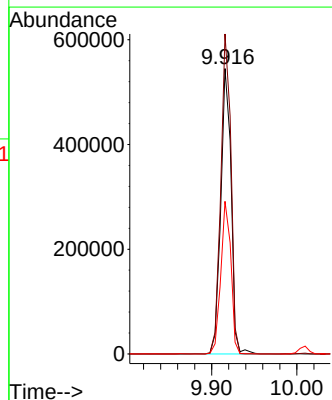
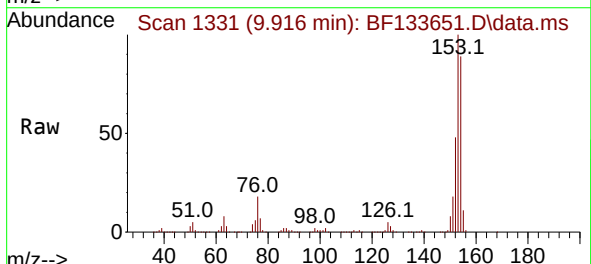
Instrument :
BNA_F
ClientSampleId :
PB153261BS

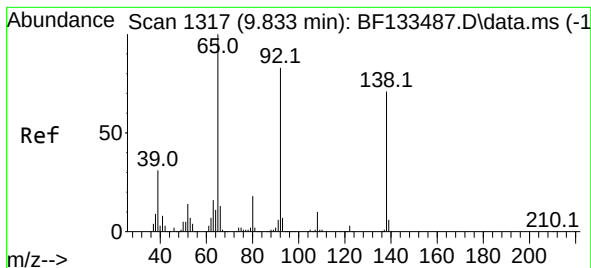
Tgt Ion:165 Resp: 105991
Ion Ratio Lower Upper
165 100
63 58.1 57.0 85.4
89 51.4 50.8 76.2



#52
Acenaphthene
Concen: 39.985 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:154 Resp: 457084
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.5 43.1 64.7





#53

3-Nitroaniline

Concen: 51.545 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

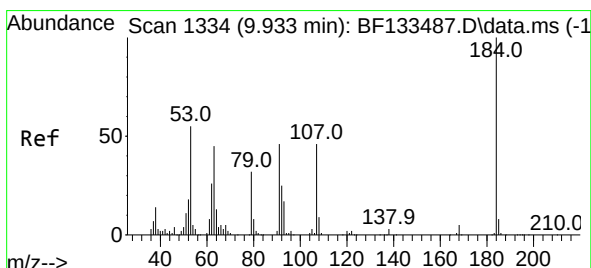
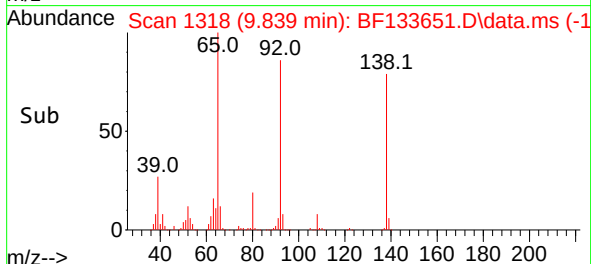
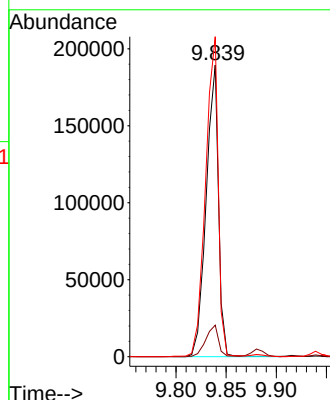
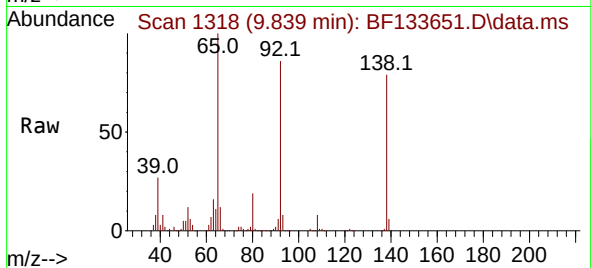
Tgt Ion:138 Resp: 162965

Ion Ratio Lower Upper

138 100

108 10.8 11.9 17.9#

92 109.7 93.1 139.7



#54

2,4-Dinitrophenol

Concen: 16.449 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

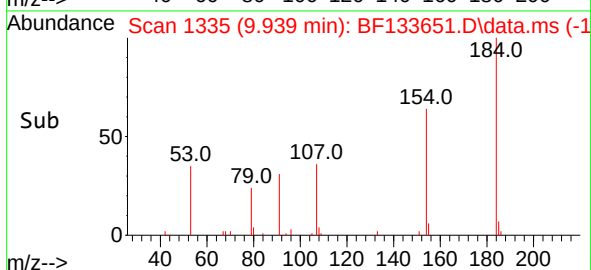
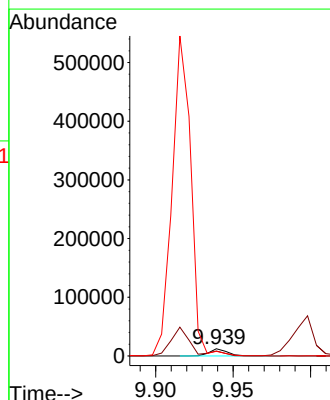
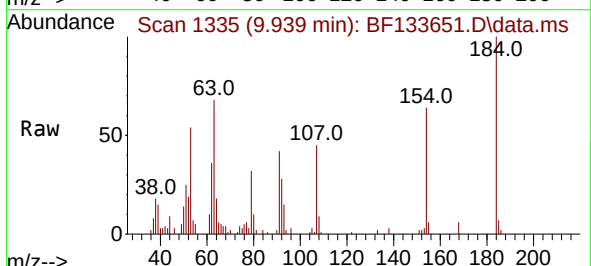
Tgt Ion:184 Resp: 9932

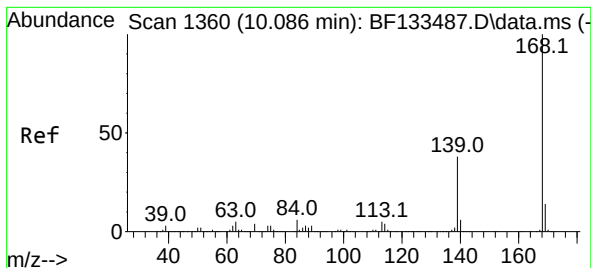
Ion Ratio Lower Upper

184 100

63 68.3 55.7 83.5

154 63.9 49.3 73.9





#55

Dibenzenofuran

Concen: 40.255 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

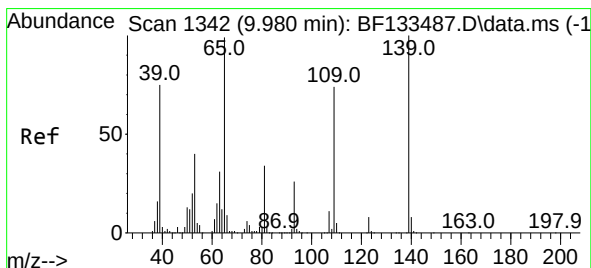
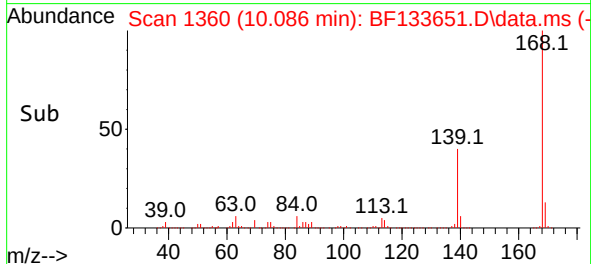
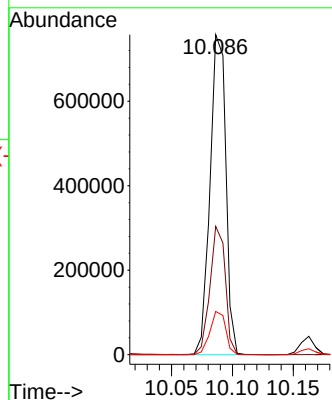
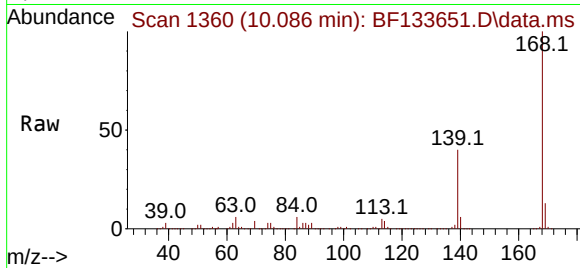
Tgt Ion:168 Resp: 684615

Ion Ratio Lower Upper

168 100

139 40.1 30.6 46.0

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 84.439 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.012 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

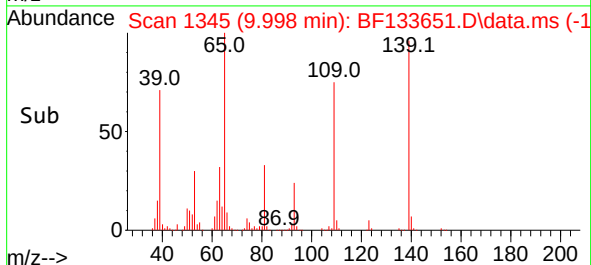
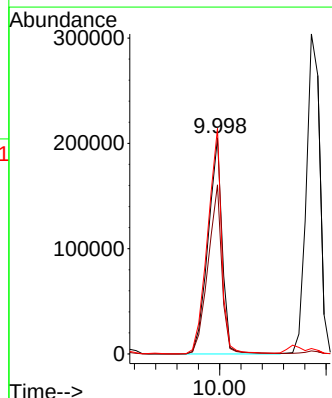
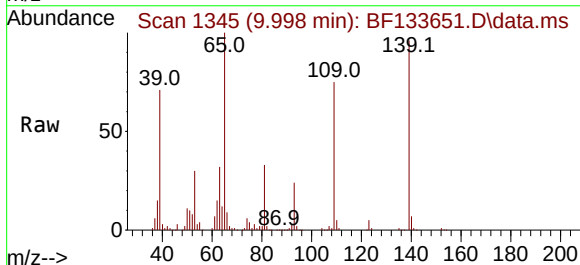
Tgt Ion:139 Resp: 190689

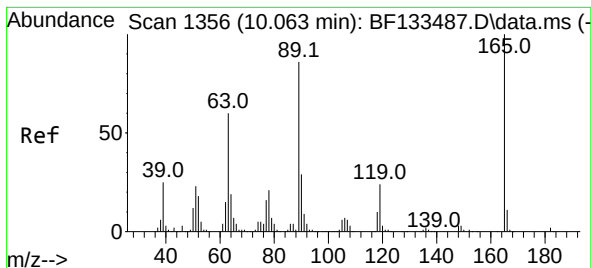
Ion Ratio Lower Upper

139 100

109 78.2 54.5 94.5

65 104.4 79.5 119.5

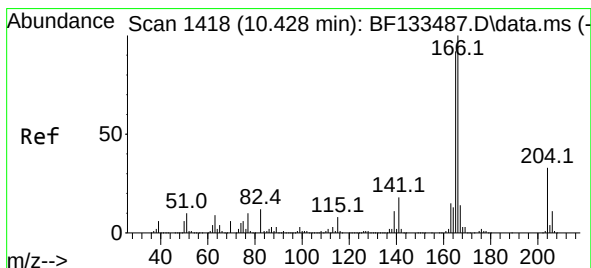
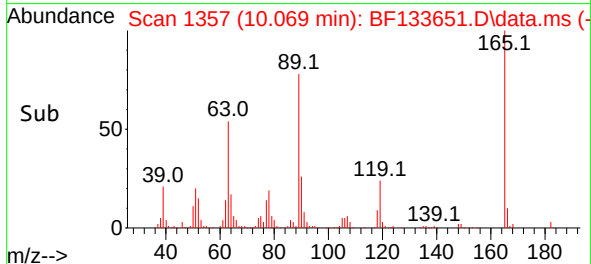
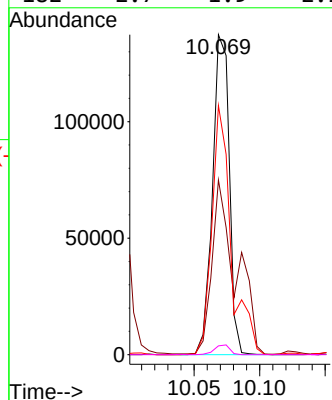
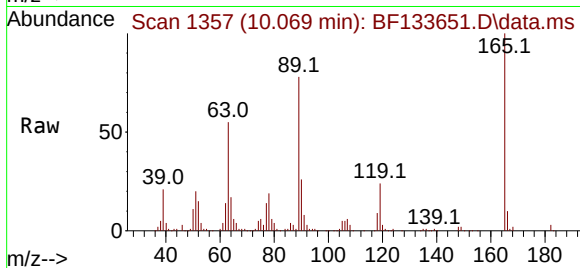




#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

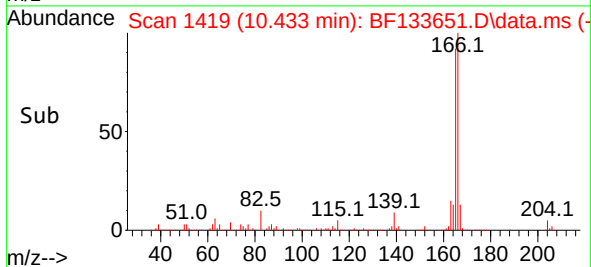
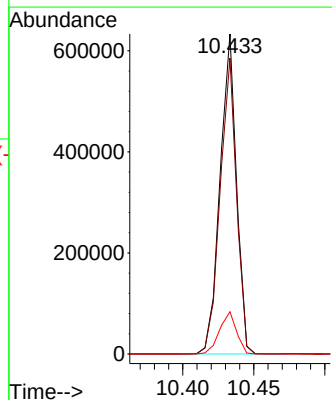
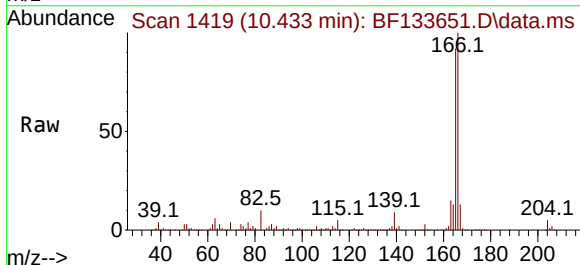
Instrument :
BNA_F
ClientSampleId :
PB153261BS

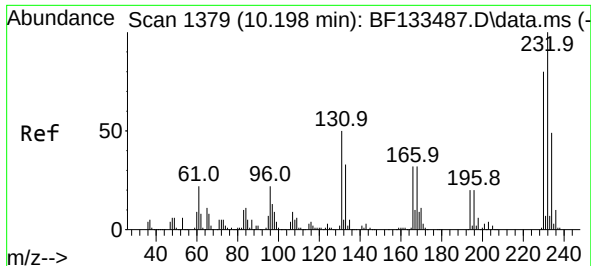
Tgt Ion:165 Resp: 121728
Ion Ratio Lower Upper
165 100
63 54.6 48.1 72.1
89 77.9 68.4 102.6
182 2.7 1.9 2.9



#58
Fluorene
Concen: 40.765 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:166 Resp: 507948
Ion Ratio Lower Upper
166 100
165 92.5 73.4 110.0
167 13.2 10.9 16.3

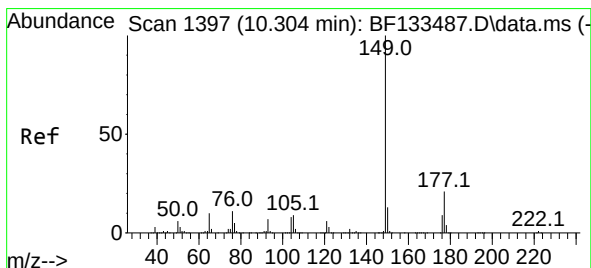
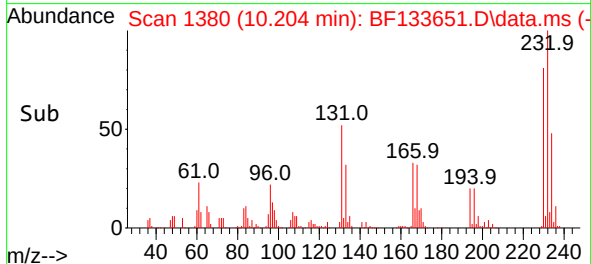
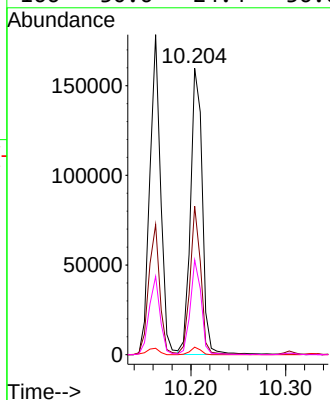
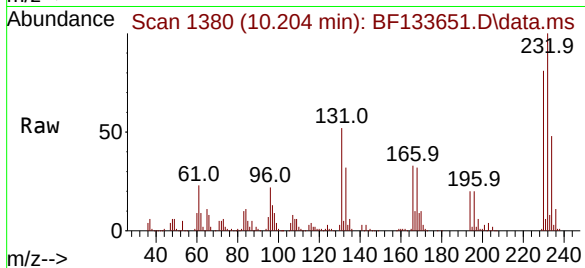




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.394 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

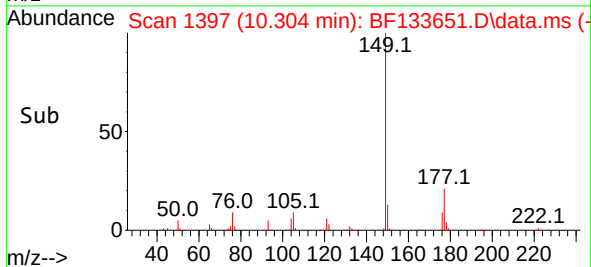
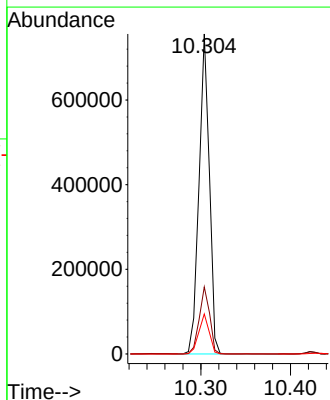
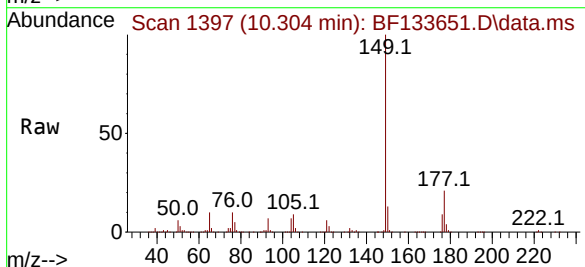
Instrument :
BNA_F
ClientSampleId :
PB153261BS

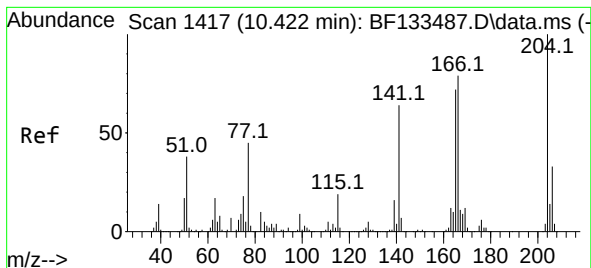
Tgt Ion:232 Resp: 138224
Ion Ratio Lower Upper
232 100
131 46.7 37.9 56.9
130 2.3 1.8 2.6
166 30.6 24.4 36.6



#60
Diethylphthalate
Concen: 44.029 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:149 Resp: 603313
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 12.5 10.2 15.2

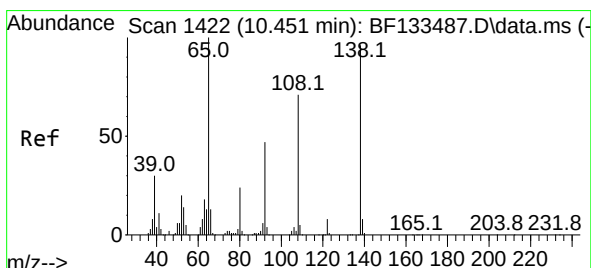
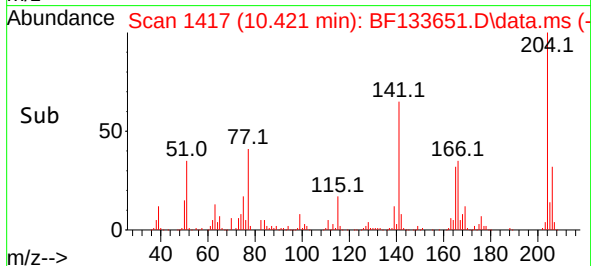
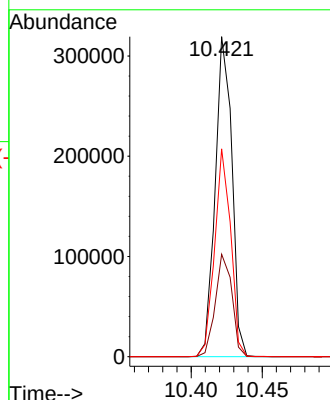
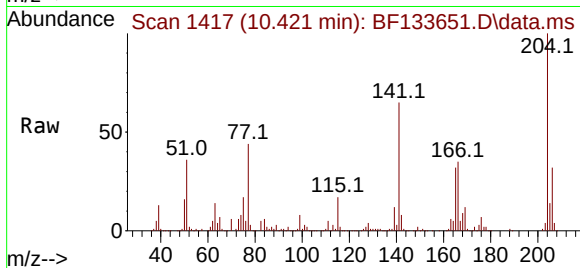




#61
4-Chlorophenyl-phenylether
Concen: 43.534 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

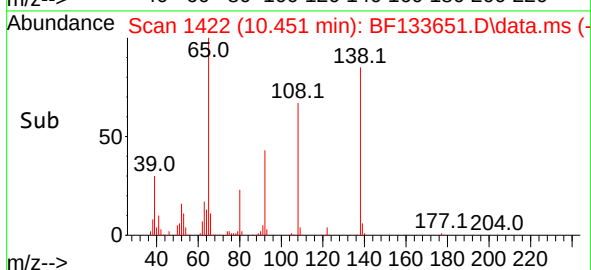
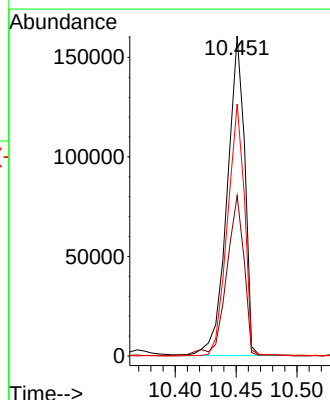
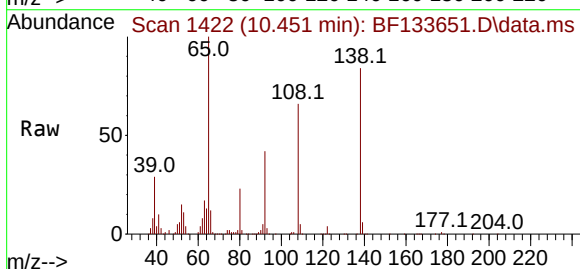
Instrument :
BNA_F
ClientSampleId :
PB153261BS

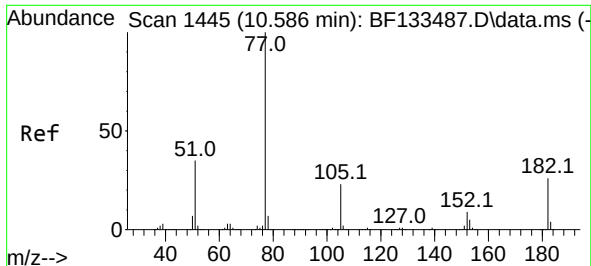
Tgt Ion:204 Resp: 260460
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 65.0 51.4 77.2



#62
4-Nitroaniline
Concen: 50.403 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:138 Resp: 160303
Ion Ratio Lower Upper
138 100
92 50.1 28.4 68.4
108 78.7 54.2 94.2

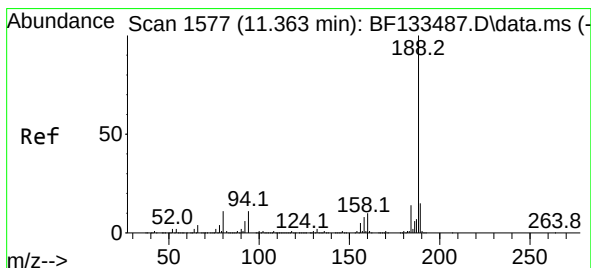
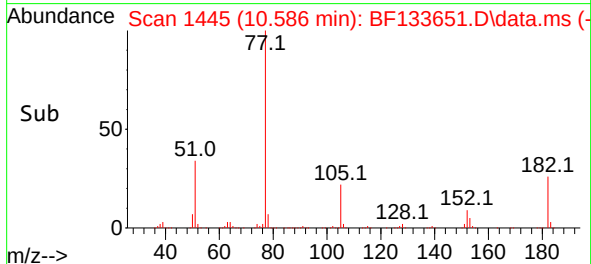
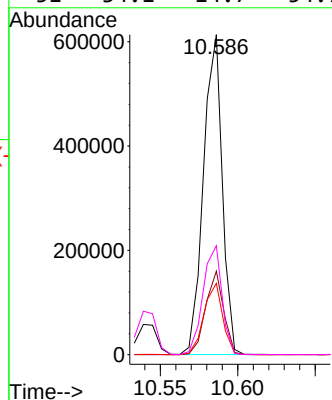
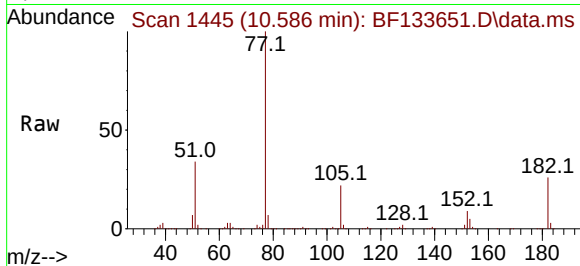




#63
Azobenzene
Concen: 37.691 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

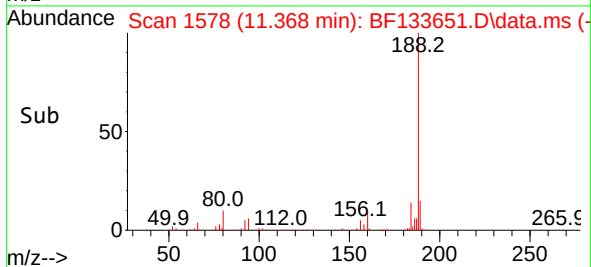
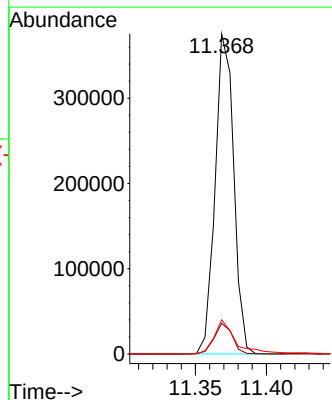
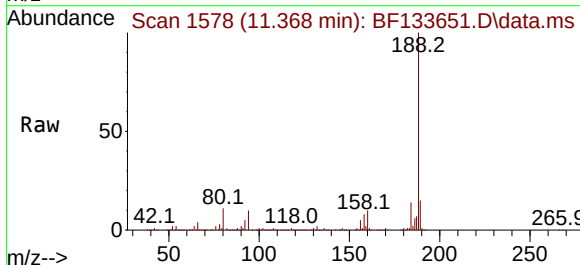
Instrument :
BNA_F
ClientSampleId :
PB153261BS

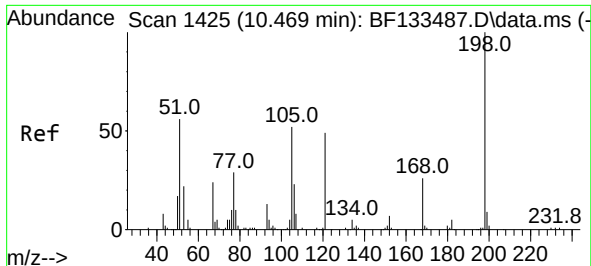
Tgt Ion: 77	Resp: 516976
Ion Ratio	Lower Upper
77 100	
182 26.1	5.6 45.6
105 22.3	2.6 42.6
51 34.1	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:188	Resp: 342040
Ion Ratio	Lower Upper
188 100	
94 9.6	8.6 12.8
80 10.6	9.2 13.8

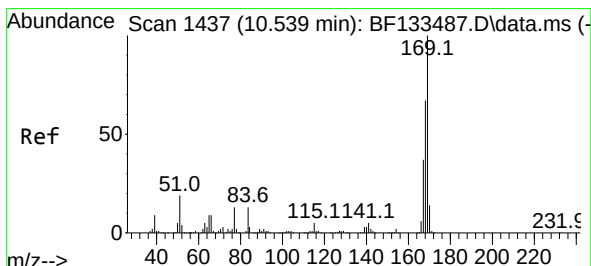
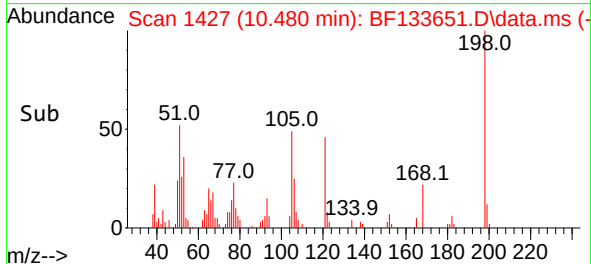
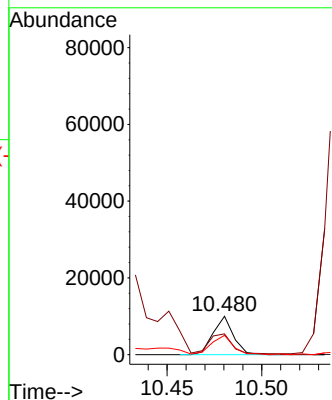
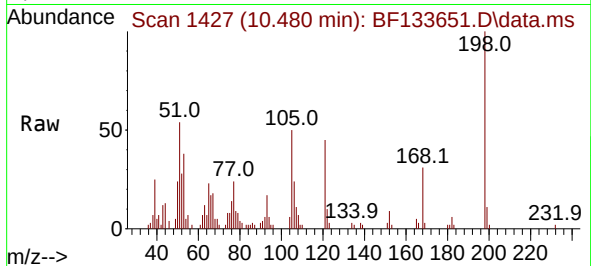




#65
4,6-Dinitro-2-methylphenol
Concen: 13.059 ng
RT: 10.480 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

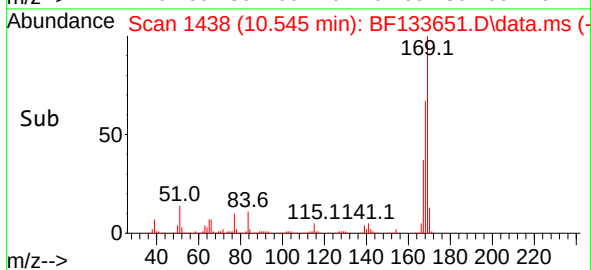
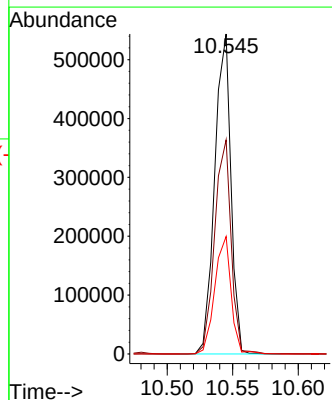
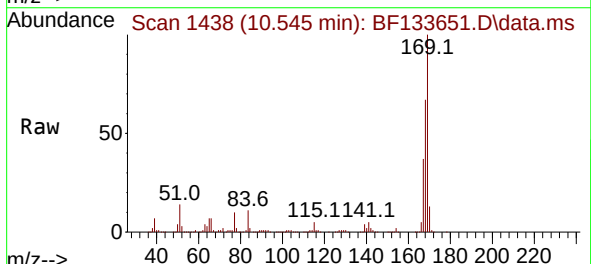
Instrument :
BNA_F
ClientSampleId :
PB153261BS

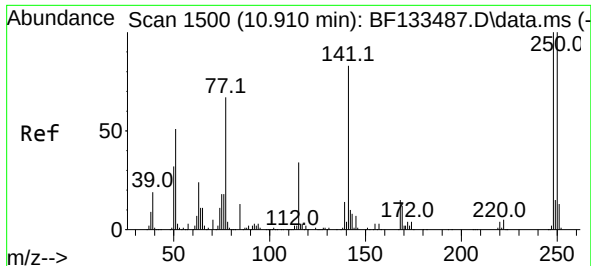
Tgt Ion:198 Resp: 7430
Ion Ratio Lower Upper
198 100
51 54.1 53.6 93.6
105 50.2 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 42.009 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:169 Resp: 466483
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.7 29.6 44.4





#67

4-Bromophenyl-phenylether

Concen: 43.494 ng

RT: 10.916 min Scan# 1501

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

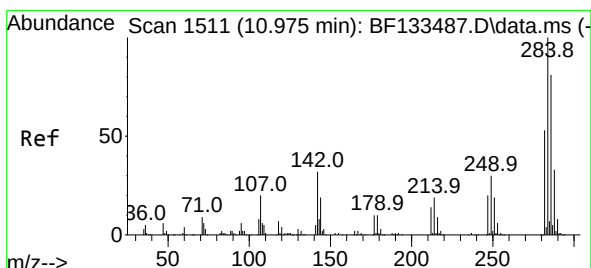
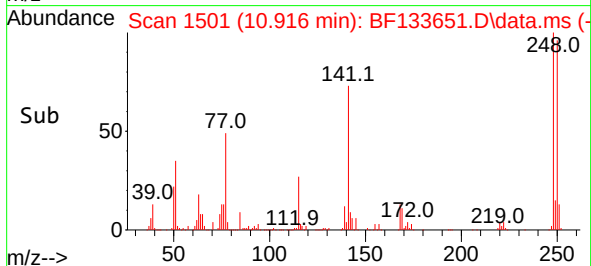
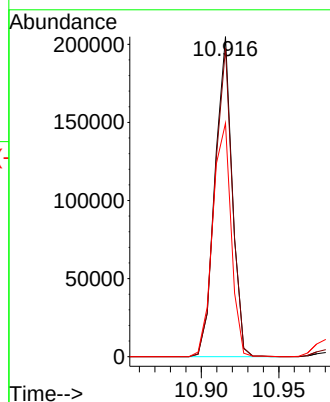
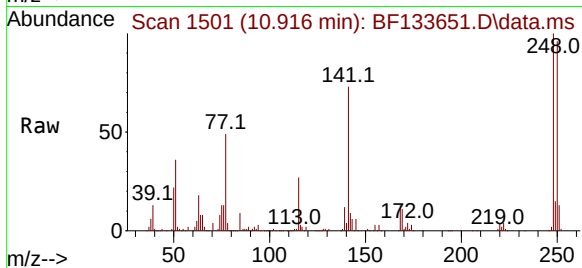
Tgt Ion:248 Resp: 157990

Ion Ratio Lower Upper

248 100

250 96.4 79.7 119.5

141 72.9 66.6 100.0



#68

Hexachlorobenzene

Concen: 44.536 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

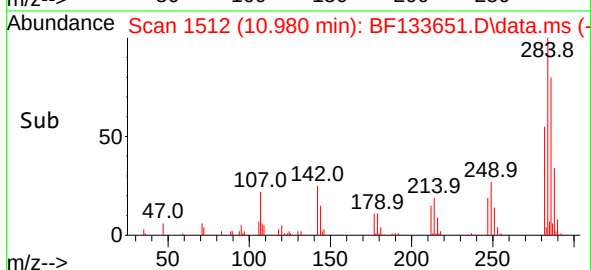
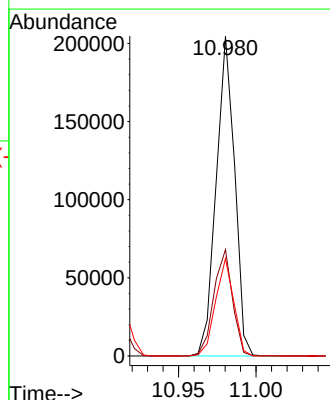
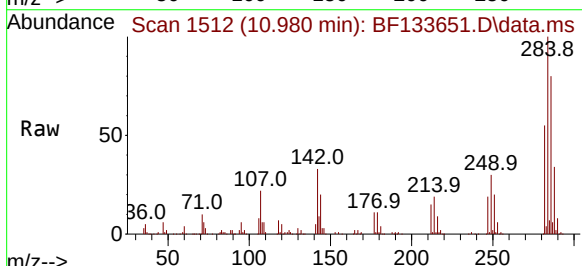
Tgt Ion:284 Resp: 169174

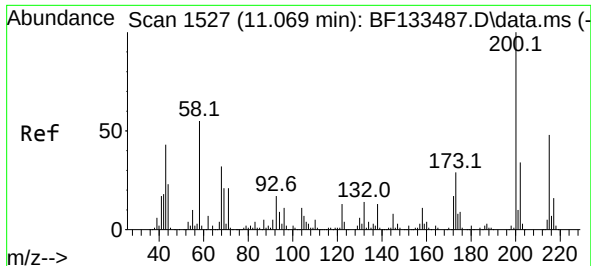
Ion Ratio Lower Upper

284 100

142 33.3 25.8 38.6

249 30.5 24.4 36.6

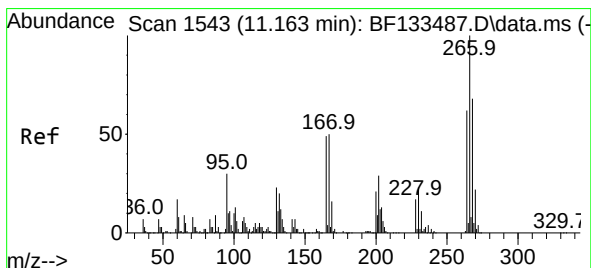
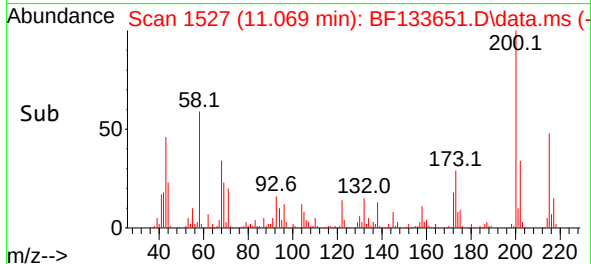
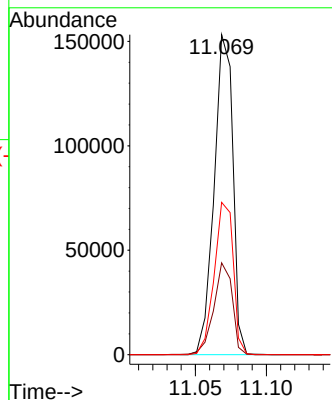
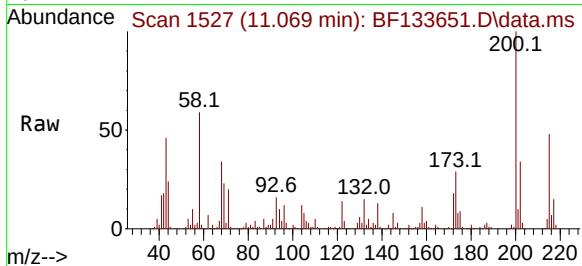




#69
 Atrazine
 Concen: 46.004 ng
 RT: 11.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

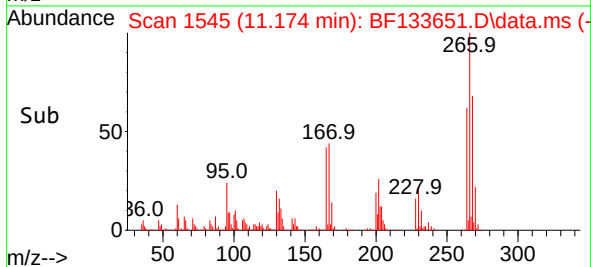
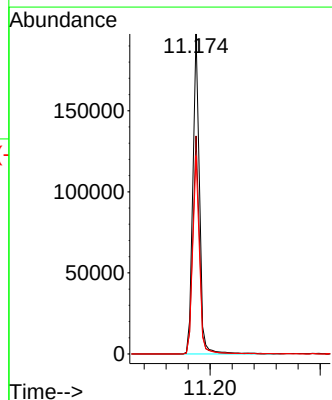
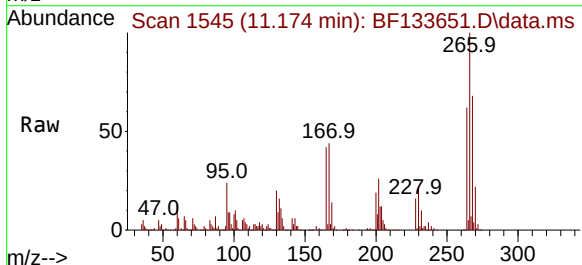
Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

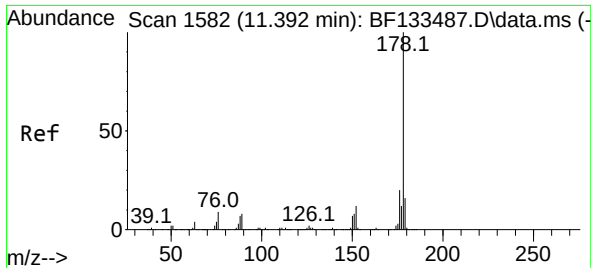
Tgt Ion:200 Resp: 140166
 Ion Ratio Lower Upper
 200 100
 173 28.7 9.0 49.0
 215 47.6 27.6 67.6



#70
 Pentachlorophenol
 Concen: 73.058 ng
 RT: 11.174 min Scan# 1545
 Delta R.T. 0.006 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

Tgt Ion:266 Resp: 165938
 Ion Ratio Lower Upper
 266 100
 268 68.2 54.6 82.0
 264 62.0 49.2 73.8

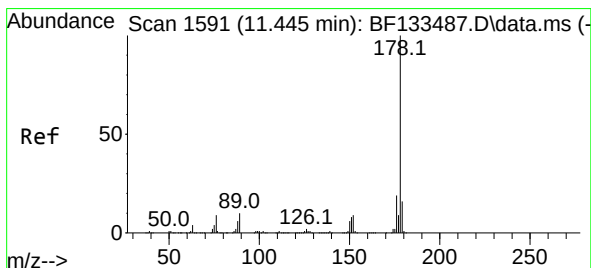
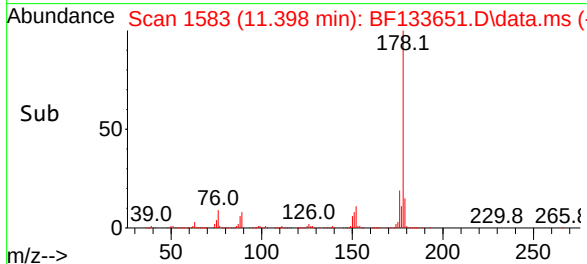
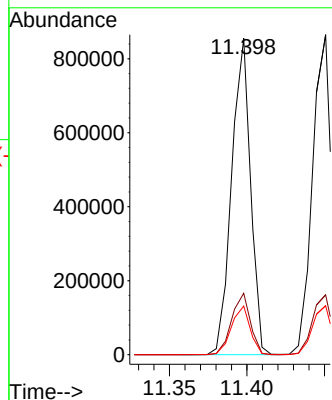
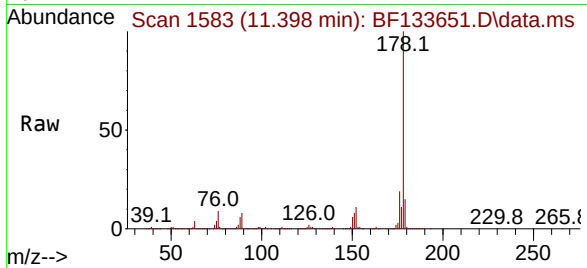




#71
Phenanthrene
Concen: 41.857 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

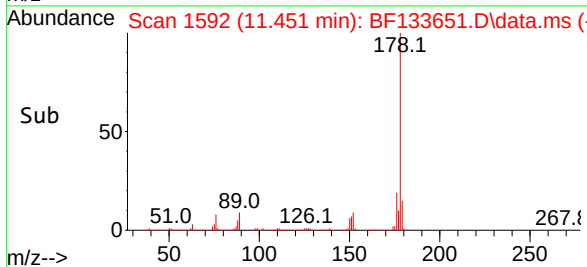
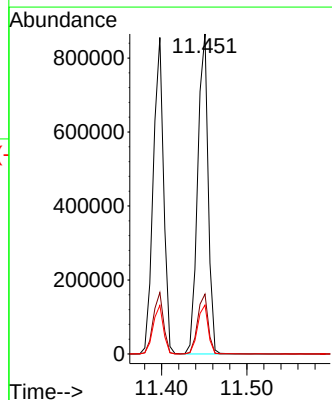
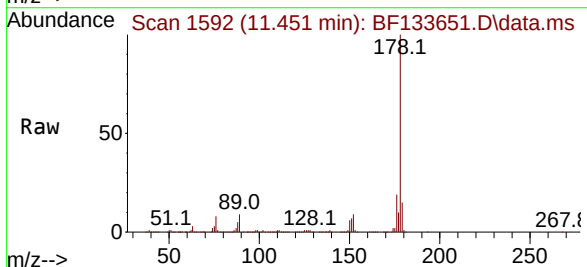
Instrument :
BNA_F
ClientSampleId :
PB153261BS

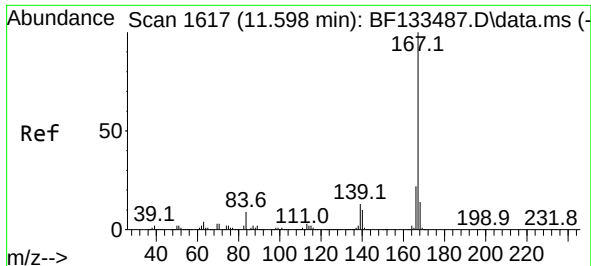
Tgt Ion:178 Resp: 725128
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 41.387 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:178 Resp: 737915
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 12.6 18.8

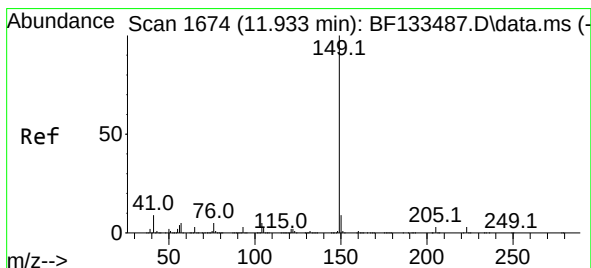
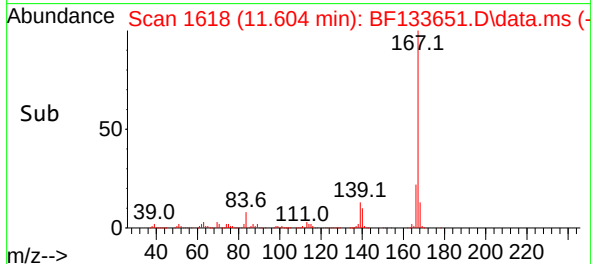
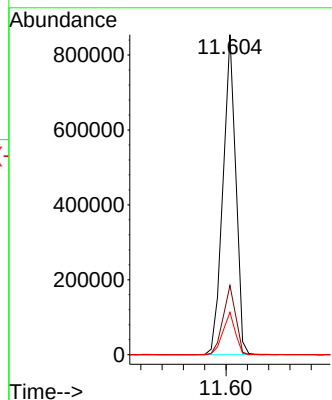
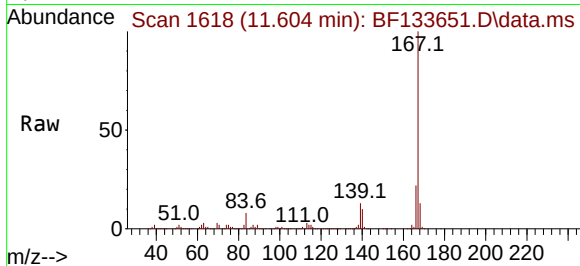




#73
Carbazole
Concen: 42.131 ng
RT: 11.604 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

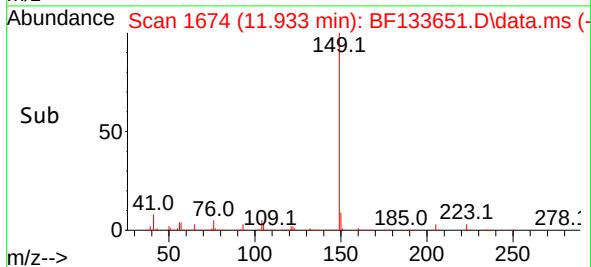
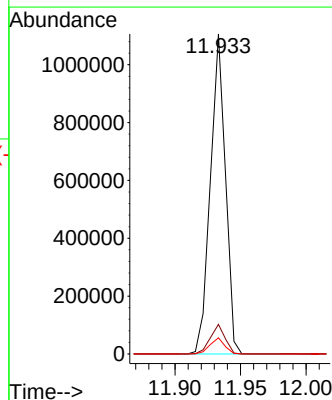
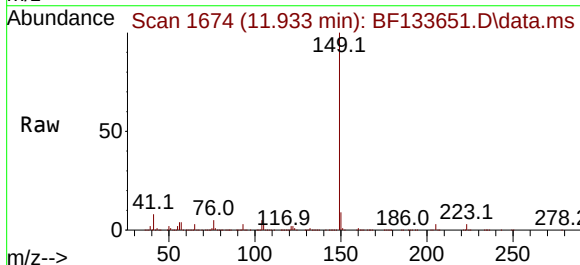
Instrument :
BNA_F
ClientSampleId :
PB153261BS

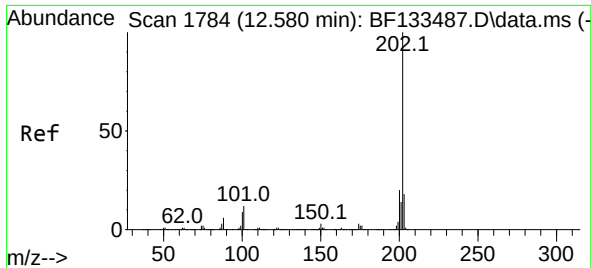
Tgt Ion:167 Resp: 710407
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.2 10.7 16.1



#74
Di-n-butylphthalate
Concen: 44.416 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:149 Resp: 885589
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.1 3.9 5.9

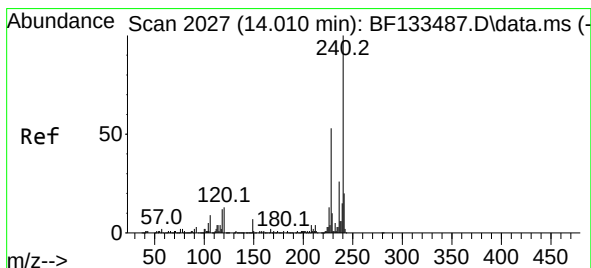
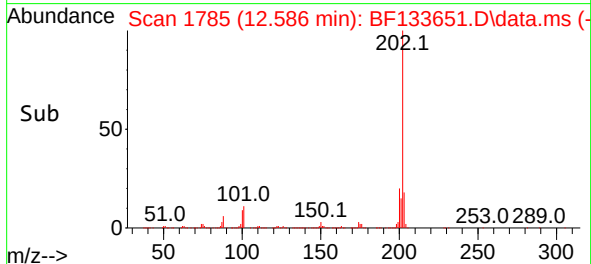
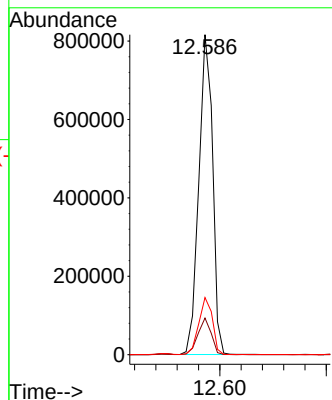
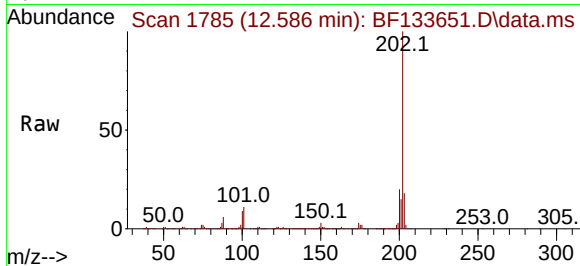




#75
Fluoranthene
Concen: 38.444 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

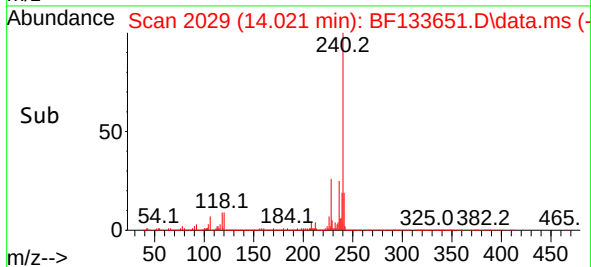
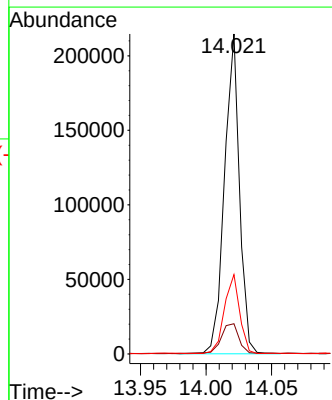
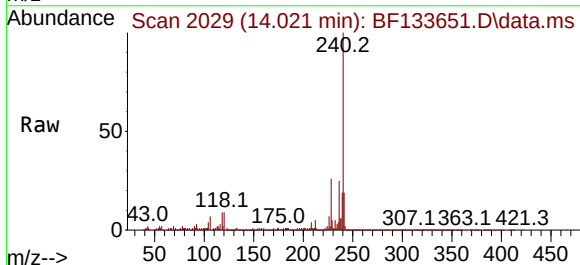
Instrument :
BNA_F
ClientSampleId :
PB153261BS

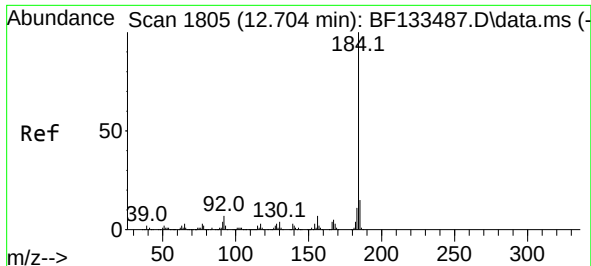
Tgt Ion:202 Resp: 735648
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:240 Resp: 169514
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 24.8 20.5 30.7

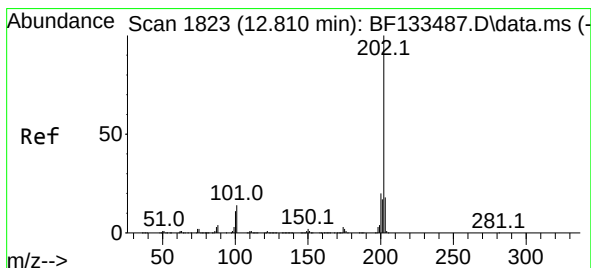
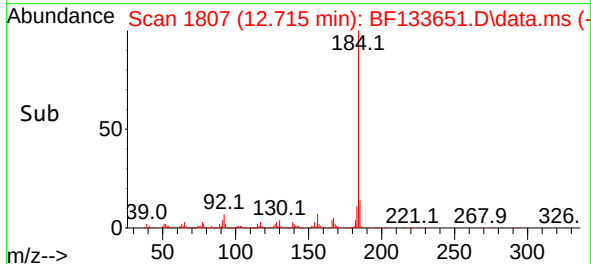
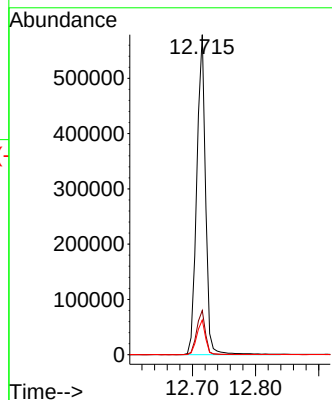
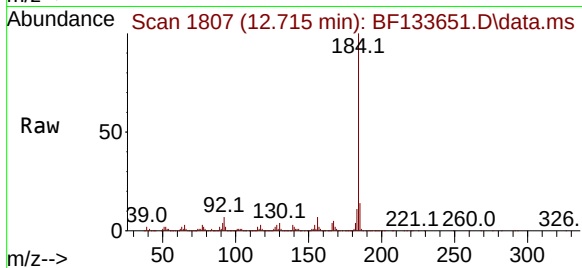




#77
Benzidine
Concen: 112.229 ng
RT: 12.715 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

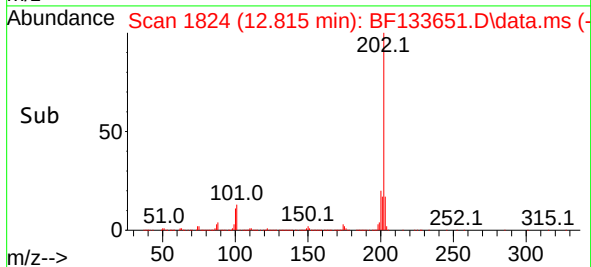
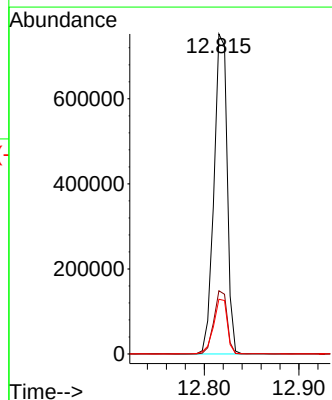
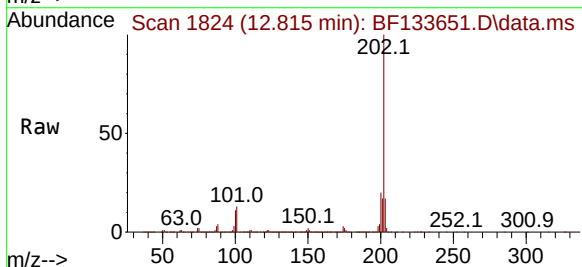
Instrument :
BNA_F
ClientSampleId :
PB153261BS

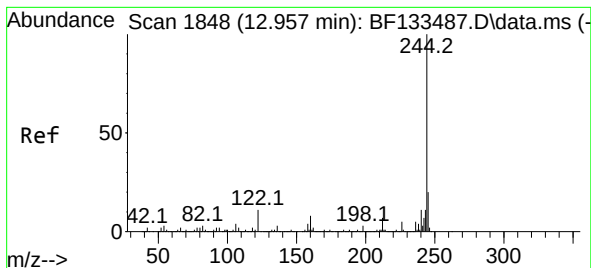
Tgt Ion:184 Resp: 556417
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 10.9 8.7 13.1



#78
Pyrene
Concen: 50.372 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:202 Resp: 726614
Ion Ratio Lower Upper
202 100
200 19.7 16.3 24.5
203 17.1 14.3 21.5





#79

Terphenyl-d14

Concen: 106.801 ng

RT: 12.962 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

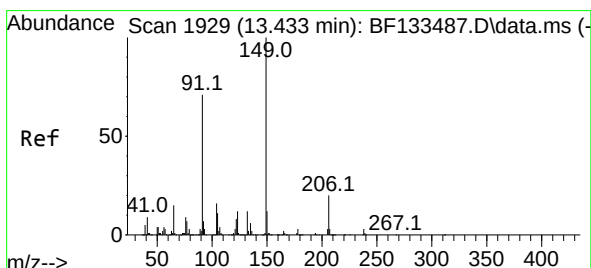
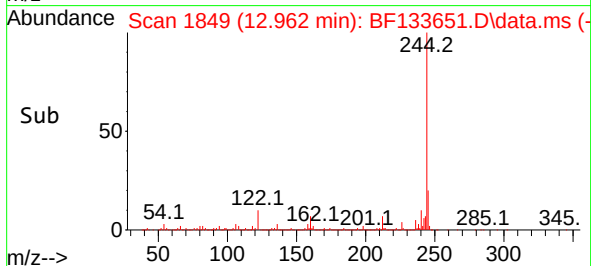
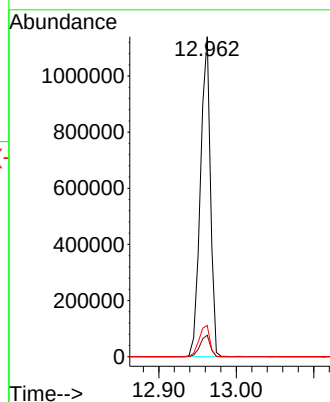
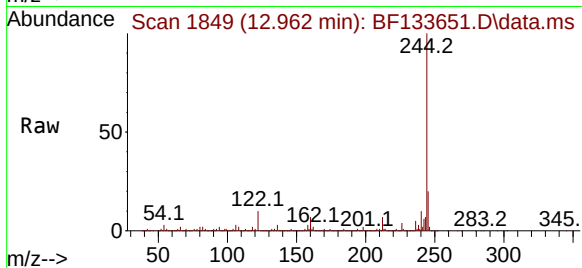
Tgt Ion:244 Resp: 1018245

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 9.8 8.5 12.7



#80

Butylbenzylphthalate

Concen: 56.785 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

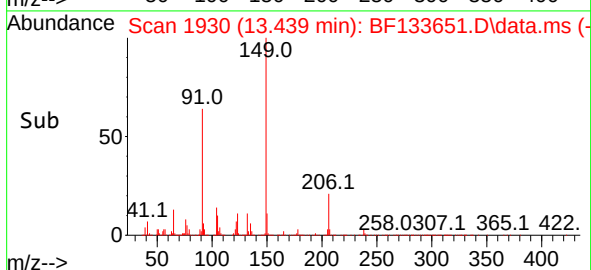
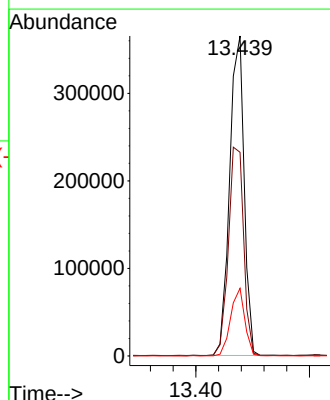
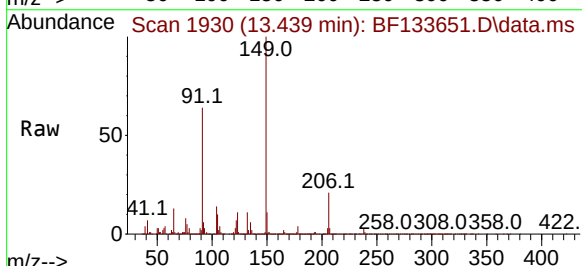
Tgt Ion:149 Resp: 324088

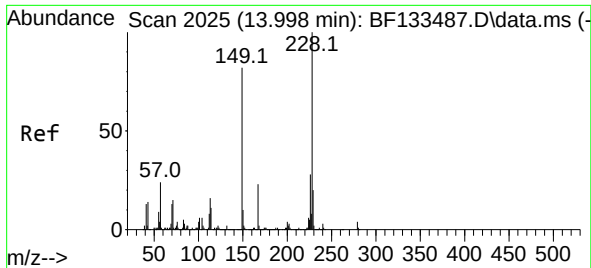
Ion Ratio Lower Upper

149 100

91 63.7 56.9 85.3

206 21.2 15.7 23.5

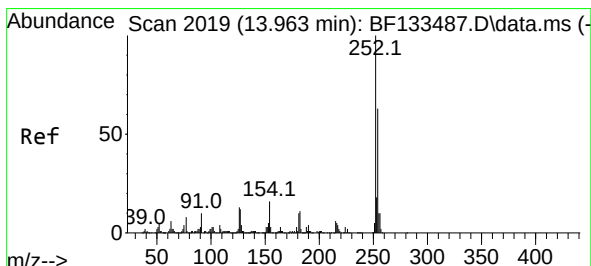
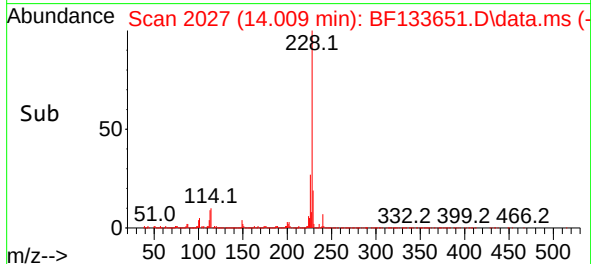
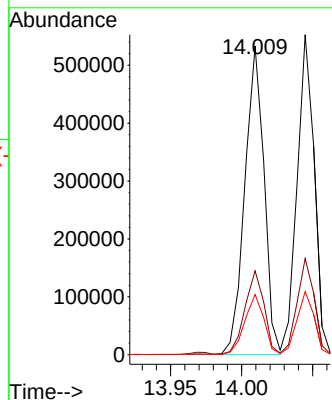
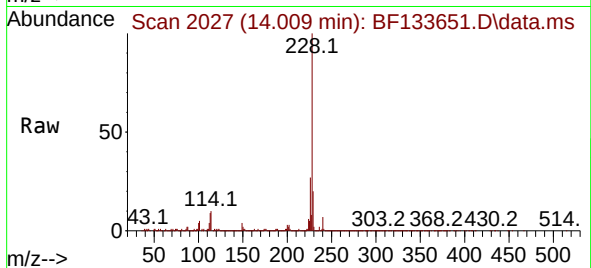




#81
Benzo(a)anthracene
Concen: 44.457 ng
RT: 14.009 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

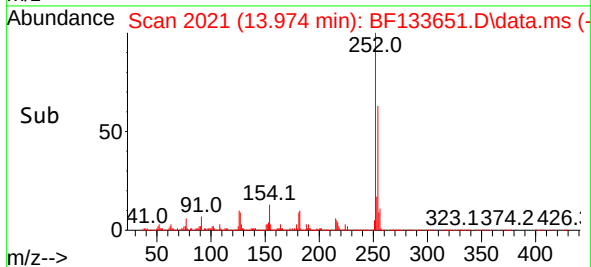
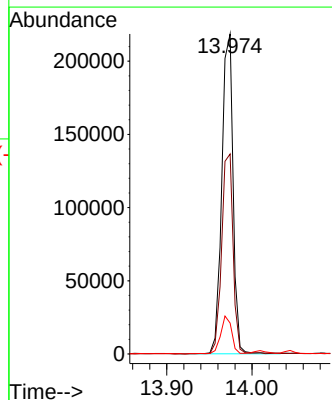
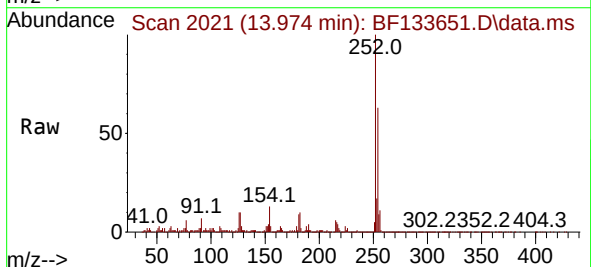
Instrument :
BNA_F
ClientSampleId :
PB153261BS

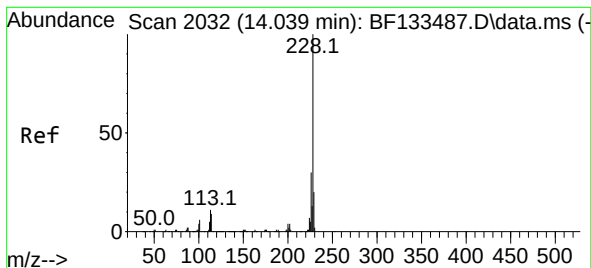
Tgt Ion:228 Resp: 502032
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 56.669 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:252 Resp: 200048
Ion Ratio Lower Upper
252 100
254 62.5 50.3 75.5
126 9.6 10.5 15.7#





#83

Chrysene

Concen: 40.665 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

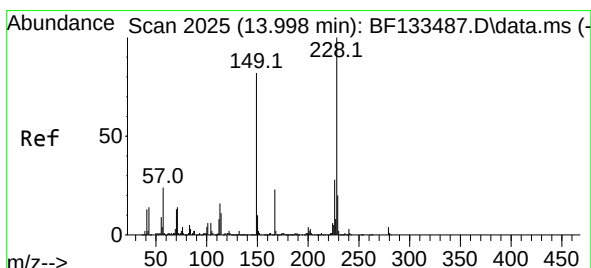
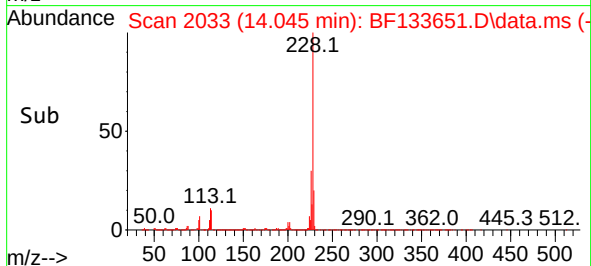
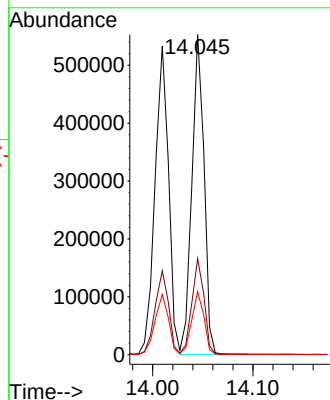
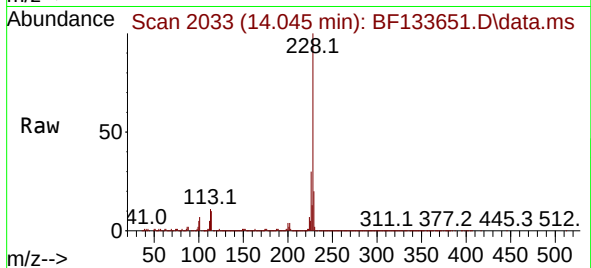
Tgt Ion:228 Resp: 463574

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.469 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

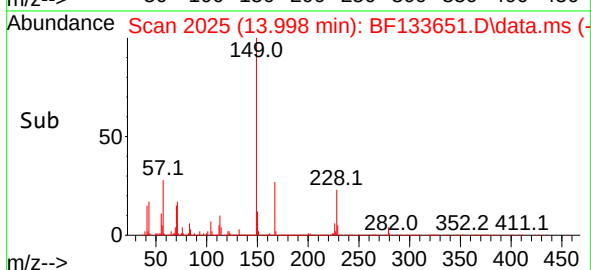
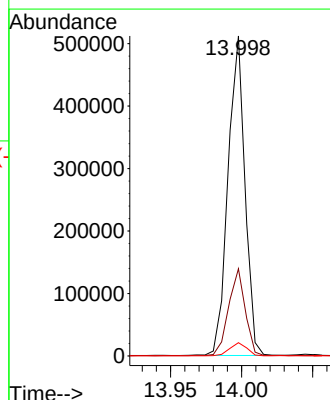
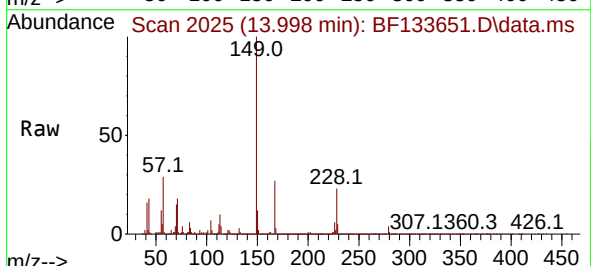
Tgt Ion:149 Resp: 424252

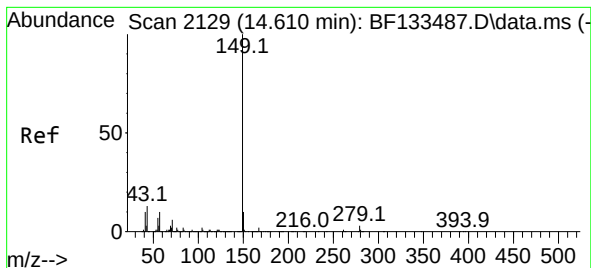
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.671 ng

RT: 14.609 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

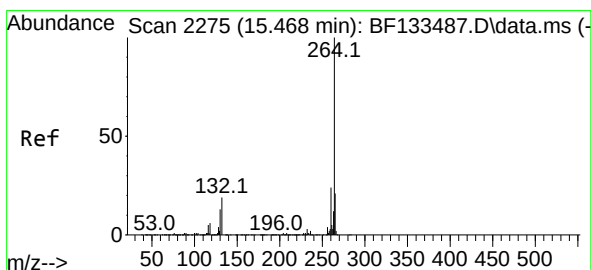
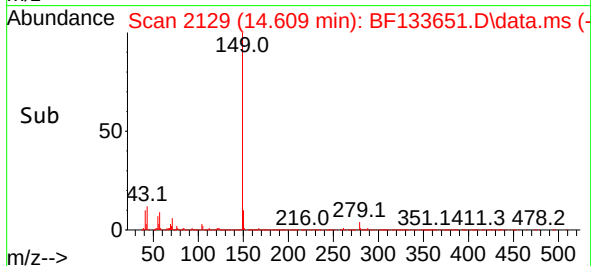
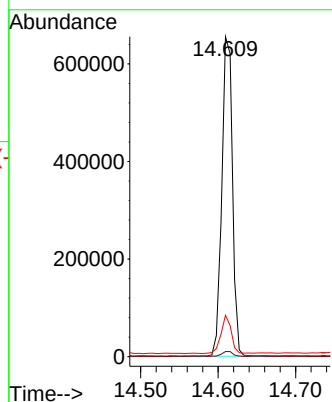
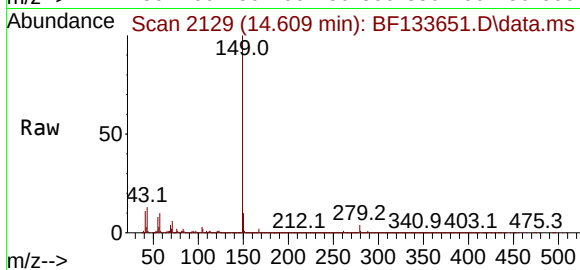
Tgt Ion:149 Resp: 625952

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.4 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

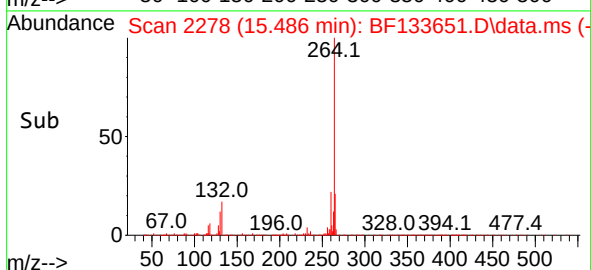
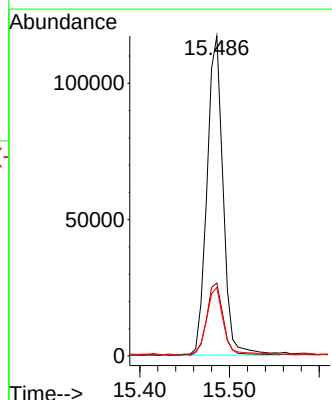
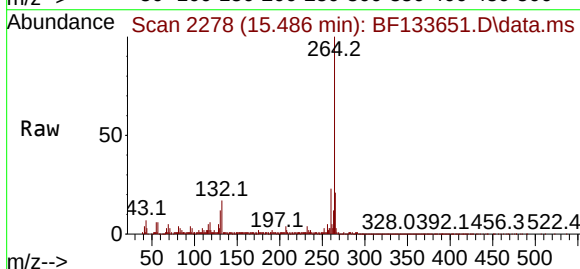
Tgt Ion:264 Resp: 145899

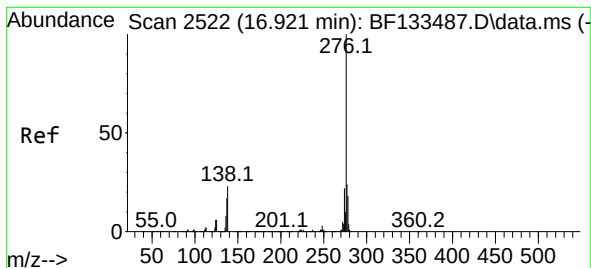
Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.882 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

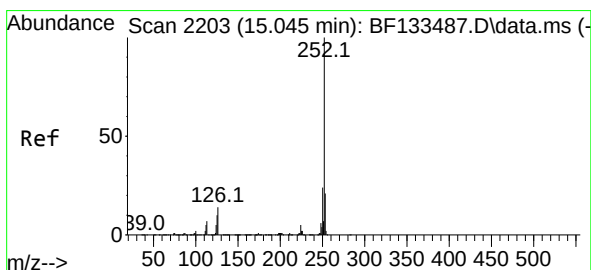
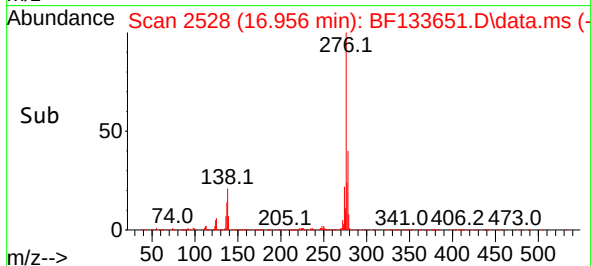
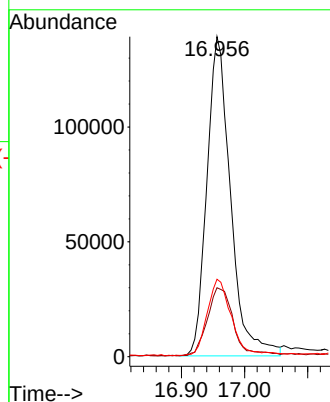
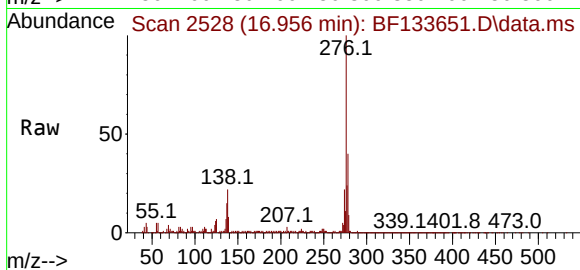
Tgt Ion:276 Resp: 361348

Ion Ratio Lower Upper

276 100

138 23.1 21.4 32.2

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.796 ng

RT: 15.056 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

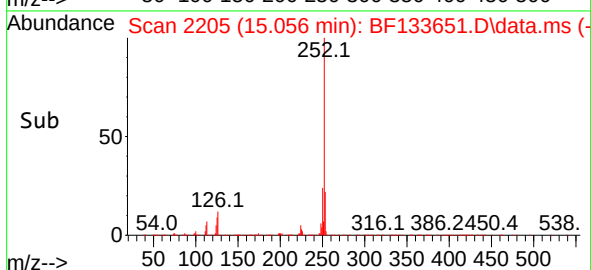
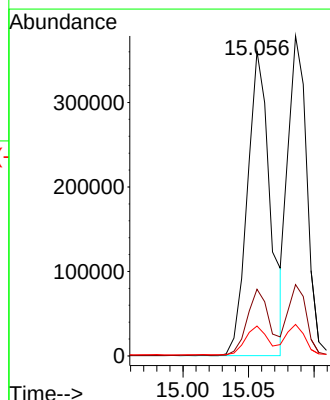
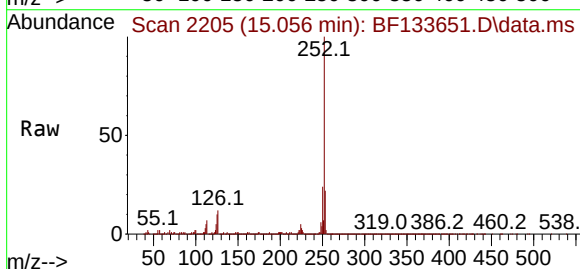
Tgt Ion:252 Resp: 435086

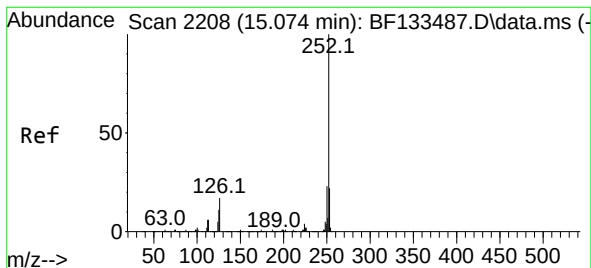
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 41.195 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

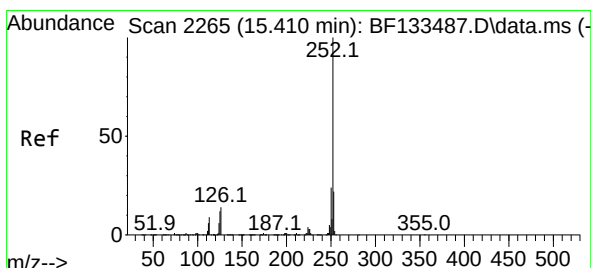
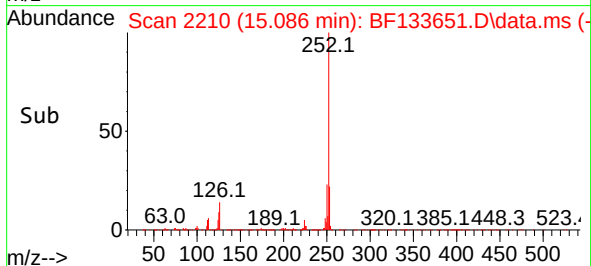
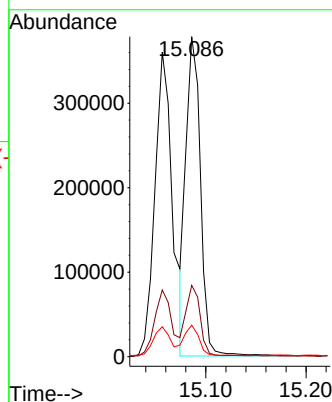
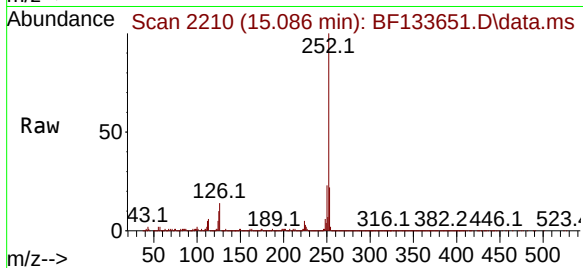
Tgt Ion:252 Resp: 381621

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 9.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 40.480 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

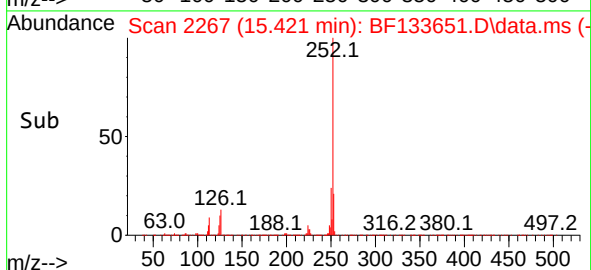
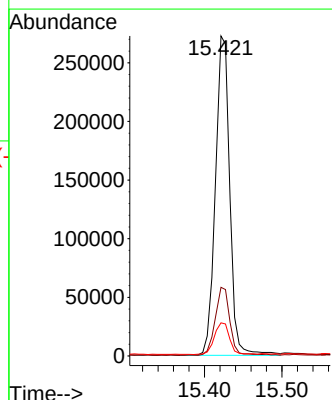
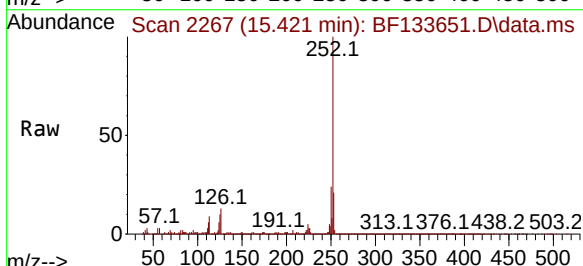
Tgt Ion:252 Resp: 349949

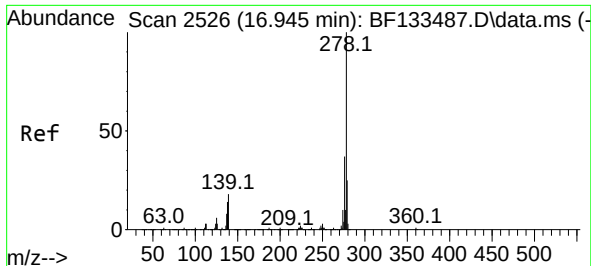
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.4 9.4 14.0

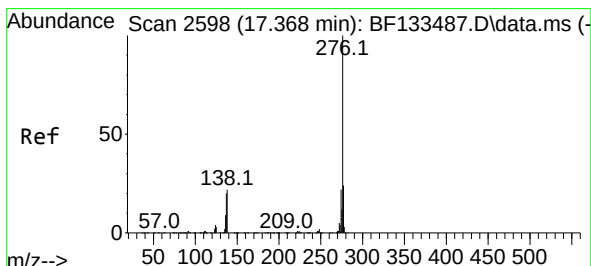
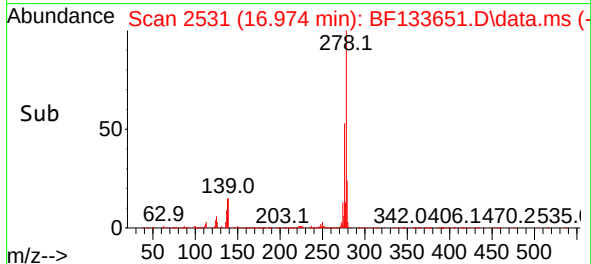
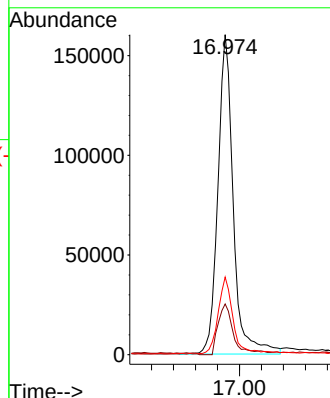
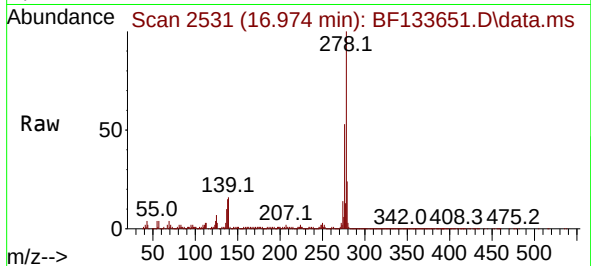




#91
Dibenzo(a,h)anthracene
Concen: 41.219 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

Tgt Ion:278 Resp: 310583
Ion Ratio Lower Upper
278 100
139 15.9 14.1 21.1
279 24.3 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 34.975 ng
RT: 17.403 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:276 Resp: 265729
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 17.9 17.8 26.6

