

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133768.D
 Acq On : 15 Jun 2023 11:19
 Operator : CG\JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Quant Time: Jun 15 12:46:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	108657	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	414126	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	222871	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	435143	20.000	ng	0.00
76) Chrysene-d12	14.004	240	232955	20.000	ng	0.00
86) Perylene-d12	15.463	264	223978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	783564	125.542	ng	0.00
7) Phenol-d6	6.469	99	925145	113.875	ng	0.00
23) Nitrobenzene-d5	7.404	82	811754	106.764	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	324690	115.091	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1458792	93.045	ng	0.00
79) Terphenyl-d14	12.951	244	1621617	107.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	96545	35.184	ng	99
3) Pyridine	3.381	79	223702	27.970	ng	97
4) n-Nitrosodimethylamine	3.328	42	178982	40.485	ng	98
6) Aniline	6.493	93	300151	29.333	ng	99
8) 2-Chlorophenol	6.616	128	294258	44.737	ng	96
9) Benzaldehyde	6.381	77	144384	26.787	ng	98
10) Phenol	6.481	94	349194	41.162	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	269732	42.829	ng	96
12) 1,3-Dichlorobenzene	6.769	146	311751	44.360	ng	96
13) 1,4-Dichlorobenzene	6.851	146	316006	44.489	ng	98
14) 1,2-Dichlorobenzene	6.998	146	300346	46.796	ng	99
15) Benzyl Alcohol	6.975	79	268167	42.262	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	489905	45.889	ng	99
17) 2-Methylphenol	7.087	107	237587	40.753	ng	98
18) Hexachloroethane	7.345	117	119778	49.257	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	211653	40.946	ng	97
20) 3+4-Methylphenols	7.240	107	289418	38.161	ng	# 87
22) Acetophenone	7.245	105	400872	42.205	ng	# 96
24) Nitrobenzene	7.416	77	322931	42.180	ng	96
25) Isophorone	7.651	82	572653	41.025	ng	99
26) 2-Nitrophenol	7.734	139	158667	46.179	ng	96
27) 2,4-Dimethylphenol	7.769	122	258281	43.612	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	338343	41.938	ng	99
29) 2,4-Dichlorophenol	7.975	162	247007	42.557	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	262976	43.426	ng	98
31) Naphthalene	8.139	128	826705	40.974	ng	100
32) Benzoic acid	7.887	122	150336	40.250	ng	93
33) 4-Chloroaniline	8.187	127	112864	13.083	ng	96
34) Hexachlorobutadiene	8.251	225	164212	41.417	ng	99
35) Caprolactam	8.563	113	56483	28.920	ng	98
36) 4-Chloro-3-methylphenol	8.669	107	274780	41.071	ng	99
37) 2-Methylnaphthalene	8.828	142	561327	40.041	ng	98
38) 1-Methylnaphthalene	8.928	142	528488	40.968	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	268087	39.567	ng	99
41) Hexachlorocyclopentadiene	8.981	237	336998	111.612	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	182040	40.206	ng	99

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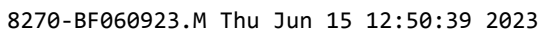
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	196421	37.290	ng	98
46) 1,1'-Biphenyl	9.292	154	724095	40.284	ng	98
47) 2-Chloronaphthalene	9.322	162	523068	40.568	ng	99
48) 2-Nitroaniline	9.416	65	183341	38.880	ng	99
49) Acenaphthylene	9.733	152	917346	40.877	ng	100
50) Dimethylphthalate	9.598	163	651413	39.158	ng	100
51) 2,6-Dinitrotoluene	9.657	165	144039	41.948	ng	# 81
52) Acenaphthene	9.904	154	535206	40.744	ng	99
53) 3-Nitroaniline	9.828	138	103325	24.727	ng	99
54) 2,4-Dinitrophenol	9.933	184	163948	96.443	ng	89
55) Dibenzofuran	10.081	168	813887	40.605	ng	99
56) 4-Nitrophenol	9.992	139	242826	86.105	ng	86
57) 2,4-Dinitrotoluene	10.063	165	186924	42.804	ng	100
58) Fluorene	10.422	166	626084	40.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	174774	44.318	ng	100
60) Diethylphthalate	10.298	149	684940	40.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	302575	39.986	ng	94
62) 4-Nitroaniline	10.445	138	158169	38.606	ng	99
63) Azobenzene	10.575	77	657037	40.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	106630	51.281	ng	# 73
66) n-Nitrosodiphenylamine	10.533	169	568025	38.862	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	190243	39.171	ng	97
68) Hexachlorobenzene	10.969	284	215530	42.201	ng	97
69) Atrazine	11.063	200	189539	44.692	ng	99
70) Pentachlorophenol	11.163	266	228562	74.736	ng	99
71) Phenanthrene	11.386	178	911796	41.301	ng	99
72) Anthracene	11.439	178	926110	40.232	ng	99
73) Carbazole	11.592	167	850191	39.655	ng	99
74) Di-n-butylphthalate	11.922	149	1048035	38.131	ng	100
75) Fluoranthene	12.574	202	934452	39.858	ng	98
77) Benzidine	12.698	184	252991	32.364	ng	99
78) Pyrene	12.804	202	950009	43.778	ng	99
80) Butylbenzylphthalate	13.421	149	354872	38.736	ng	98
81) Benzo(a)anthracene	13.992	228	667939	41.452	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	133788	24.974	ng	99
83) Chrysene	14.033	228	633879	41.592	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	434893	38.554	ng	99
85) Di-n-octyl phthalate	14.592	149	702685	43.836	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	803304	52.132	ng	98
88) Benzo(b)fluoranthene	15.039	252	600853	44.162	ng	99
89) Benzo(k)fluoranthene	15.068	252	550807	41.559	ng	99
90) Benzo(a)pyrene	15.404	252	525156	41.589	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	652513	51.149	ng	97
92) Benzo(g,h,i)perylene	17.368	276	660447	52.216	ng	96

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

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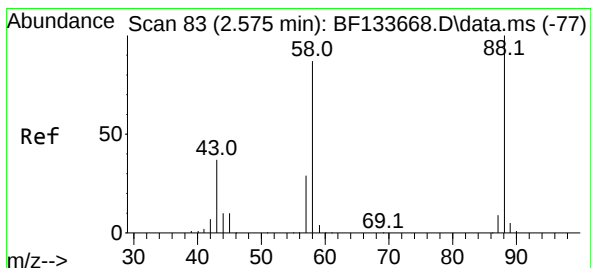
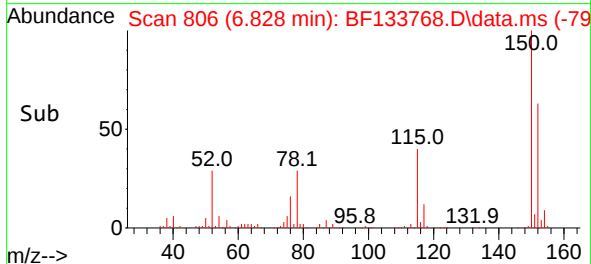
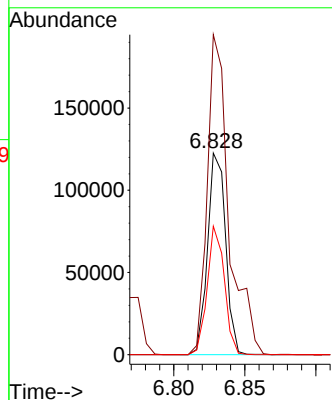
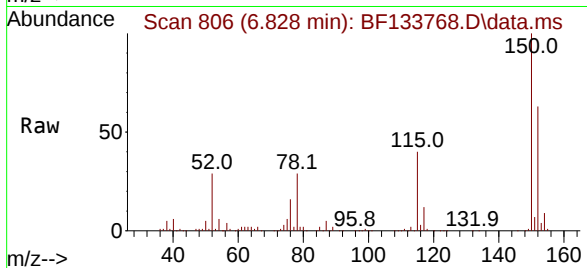




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

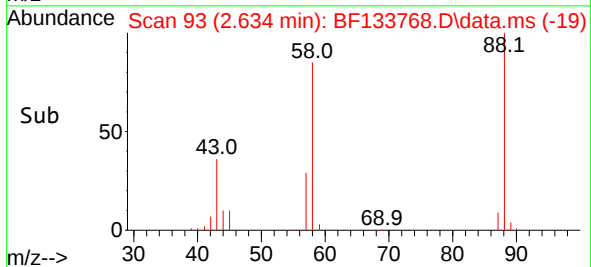
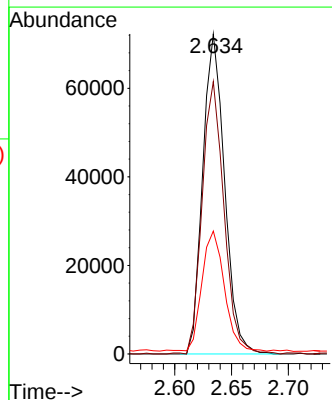
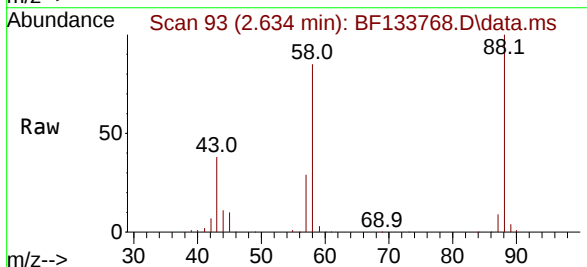
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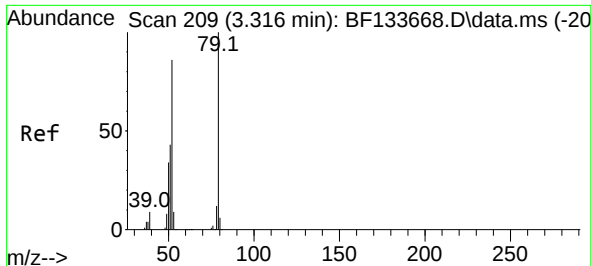
Tgt Ion:152 Resp: 108657
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.3 186.5
 115 63.7 48.5 72.7



#2
 1,4-Dioxane
 Concen: 35.184 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.082 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Tgt Ion: 88 Resp: 96545
 Ion Ratio Lower Upper
 88 100
 58 85.3 67.8 101.6
 43 38.6 29.8 44.6

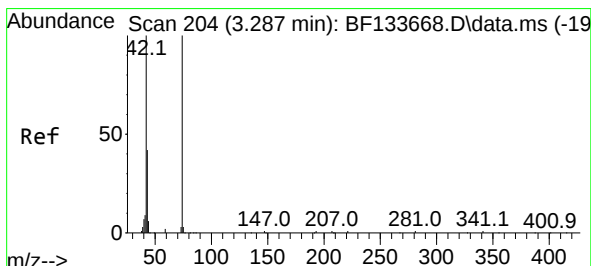
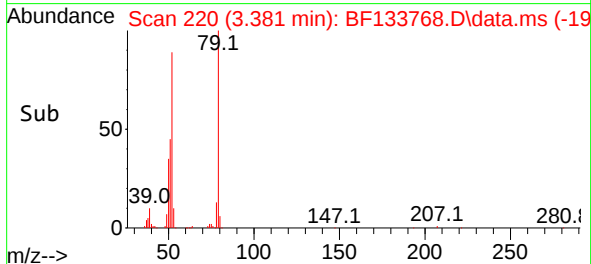
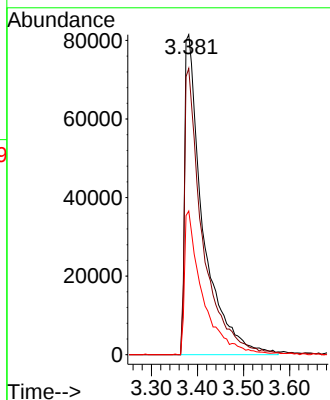
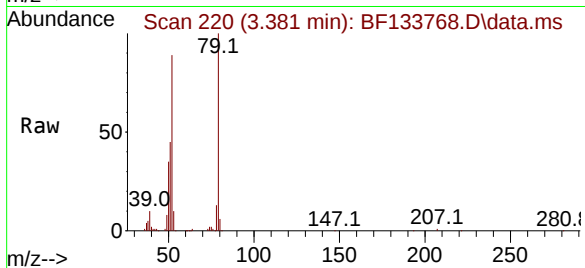




#3
 Pyridine
 Concen: 27.970 ng
 RT: 3.381 min Scan# 211
 Delta R.T. 0.077 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

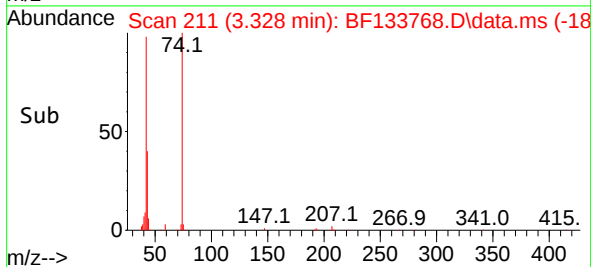
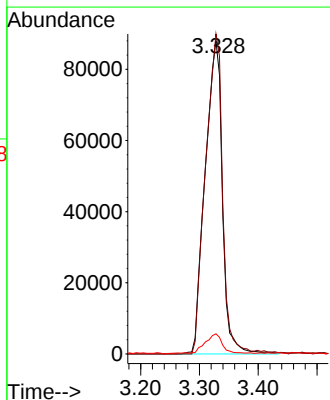
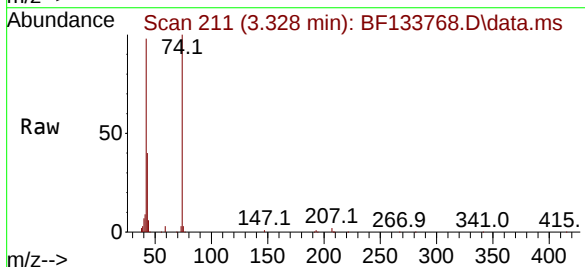
Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Tgt Ion: 79 Resp: 223702
 Ion Ratio Lower Upper
 79 100
 52 89.4 68.6 102.8
 51 44.9 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 40.485 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.071 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Tgt Ion: 42 Resp: 178982
 Ion Ratio Lower Upper
 42 100
 74 102.3 79.8 119.8
 44 6.4 4.7 7.1

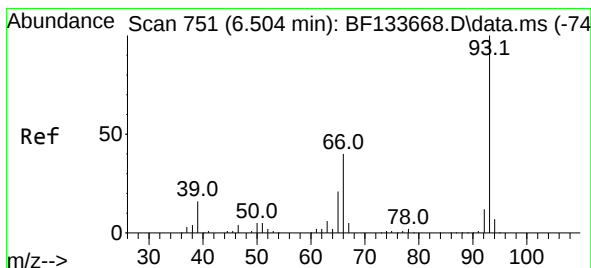
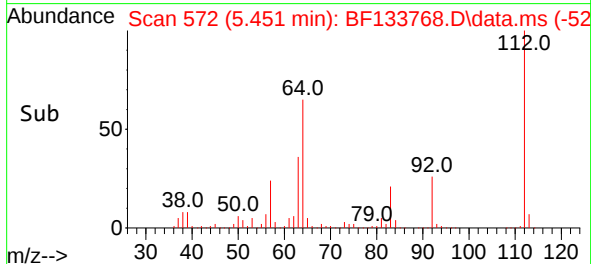
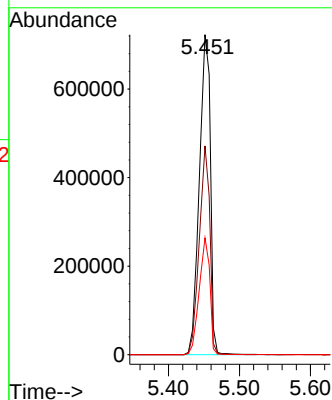
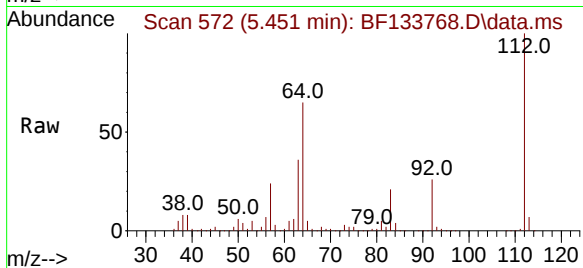




#5
2-Fluorophenol
Concen: 125.542 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

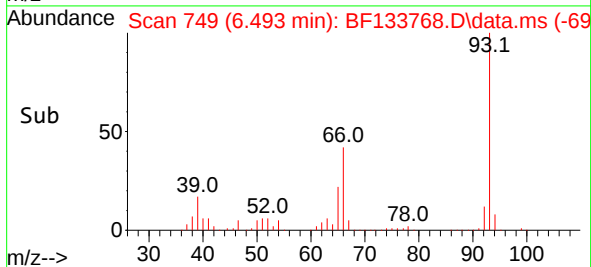
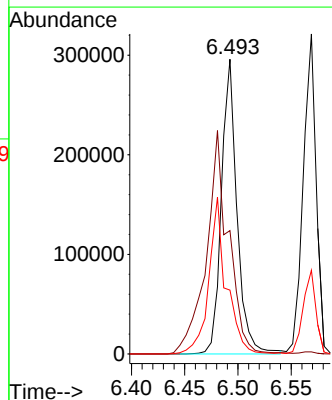
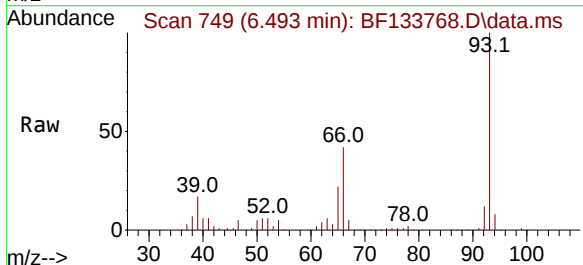
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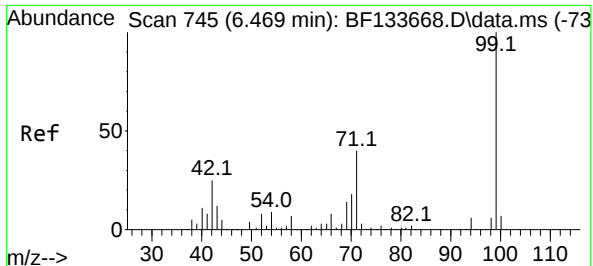
Tgt Ion:112 Resp: 783564
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.4
63 36.5 26.8 40.2



#6
Aniline
Concen: 29.333 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 93 Resp: 300151
Ion Ratio Lower Upper
93 100
66 41.9 34.4 51.6
65 21.7 17.5 26.3

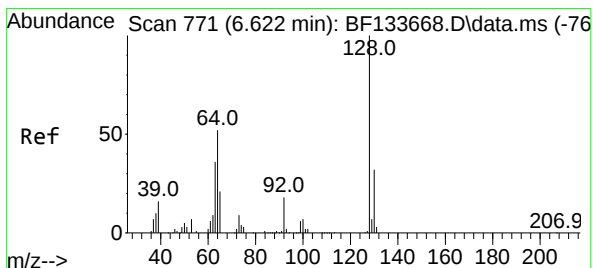
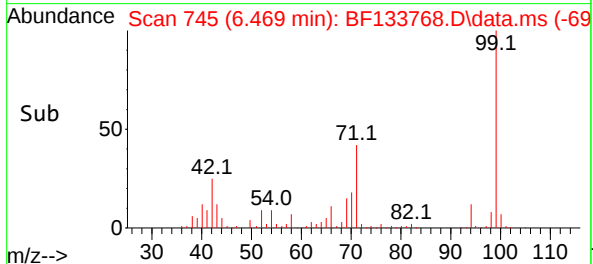
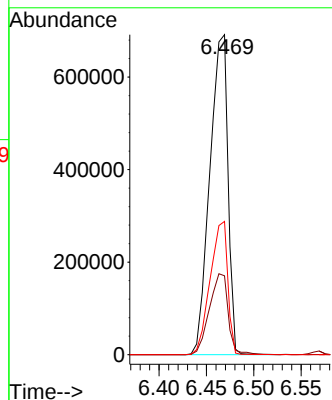
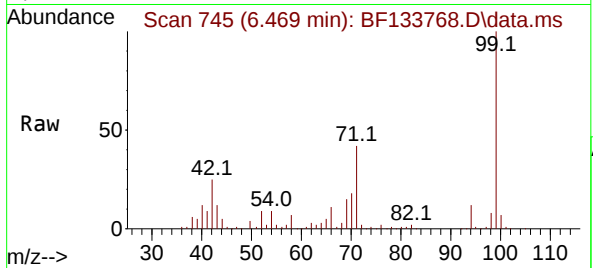




#7
Phenol-d6
Concen: 113.875 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

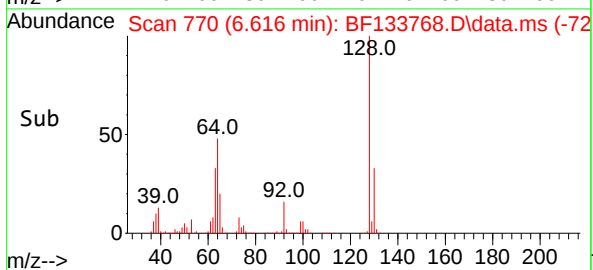
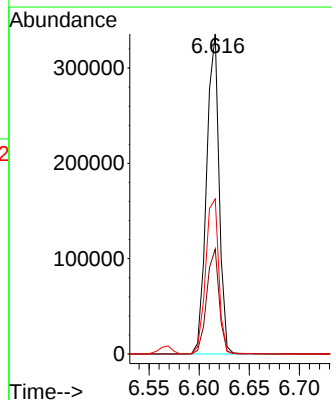
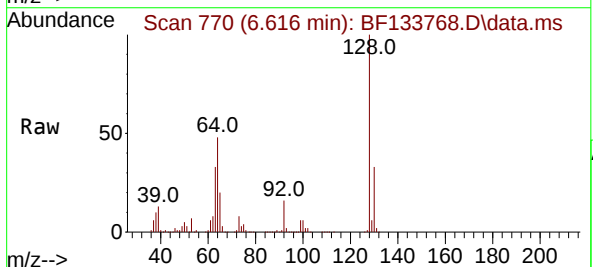
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Tgt Ion: 99 Resp: 925145
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 41.7 32.2 48.4



#8
2-Chlorophenol
Concen: 44.737 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:128 Resp: 294258
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 48.5 33.1 73.1

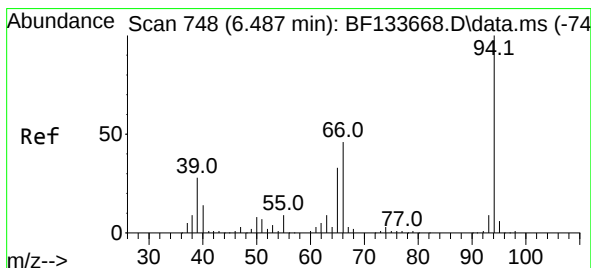
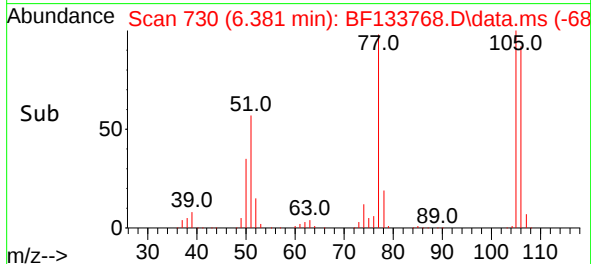
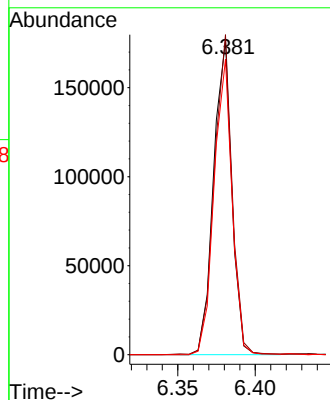
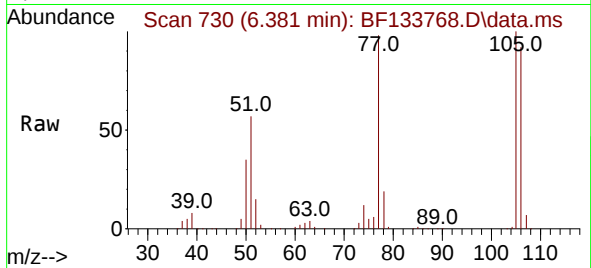




#9
Benzaldehyde
Concen: 26.787 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

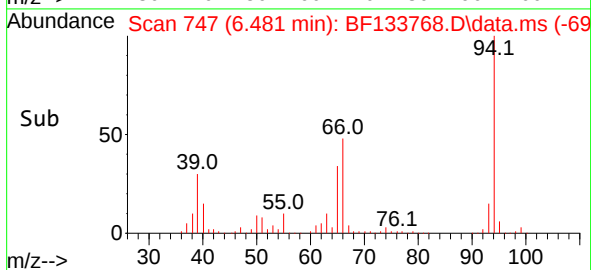
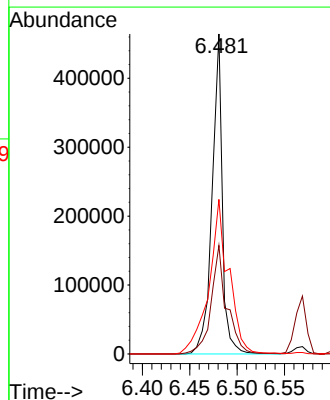
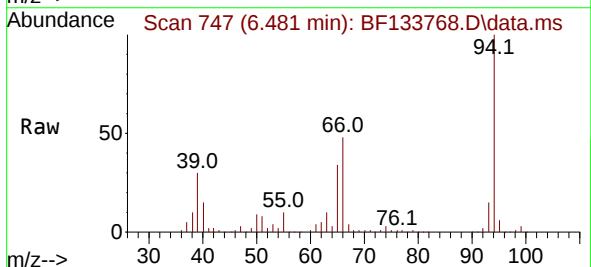
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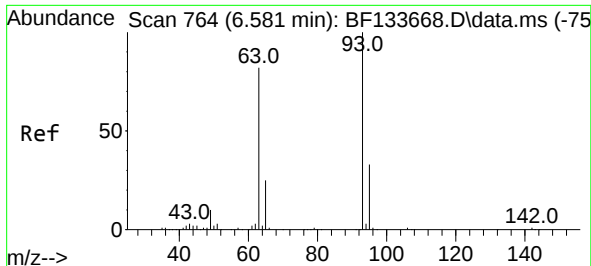
Tgt Ion: 77 Resp: 144384
Ion Ratio Lower Upper
77 100
105 102.1 82.0 122.0
106 94.2 77.6 117.6



#10
Phenol
Concen: 41.162 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 94 Resp: 349194
Ion Ratio Lower Upper
94 100
65 33.9 13.2 53.2
66 48.3 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 42.829 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

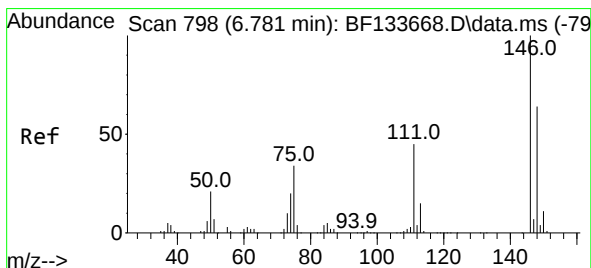
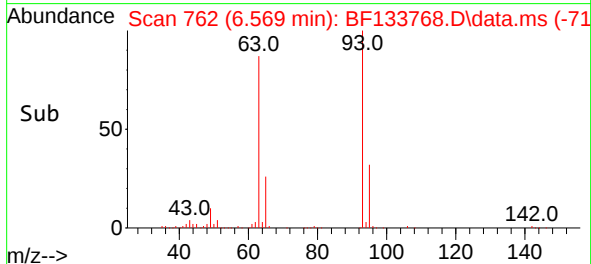
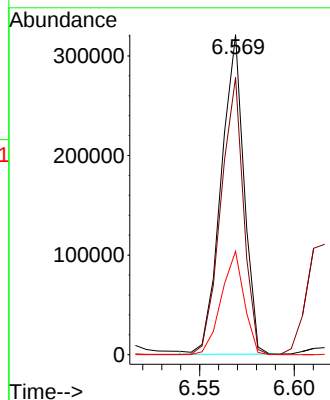
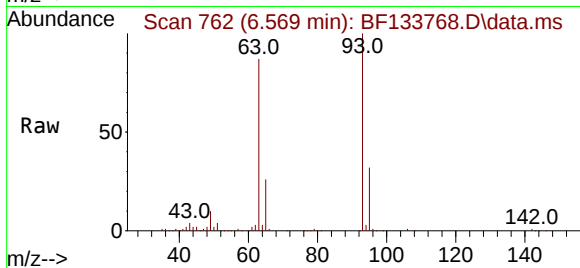
Tgt Ion: 93 Resp: 269732

Ion Ratio Lower Upper

93 100

63 86.7 62.1 102.1

95 32.3 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 44.360 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

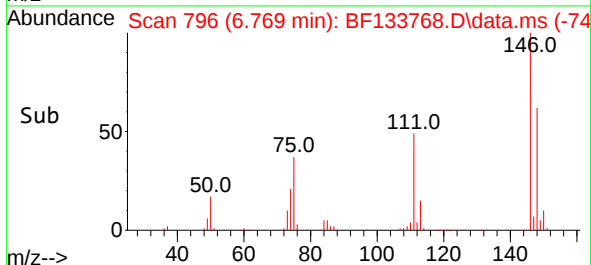
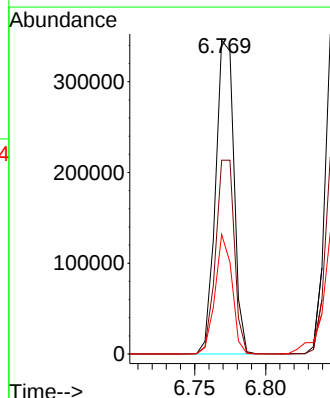
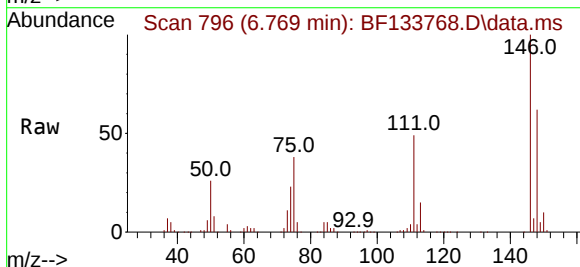
Tgt Ion: 146 Resp: 311751

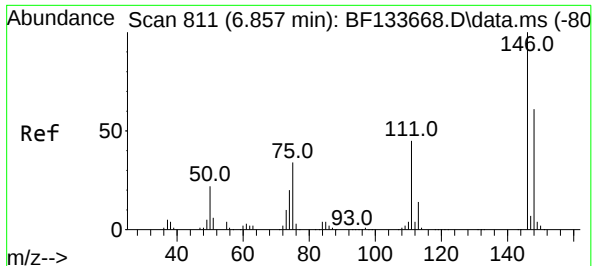
Ion Ratio Lower Upper

146 100

148 61.8 50.9 76.3

75 38.1 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 44.489 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

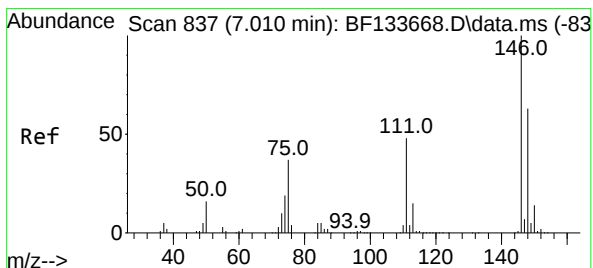
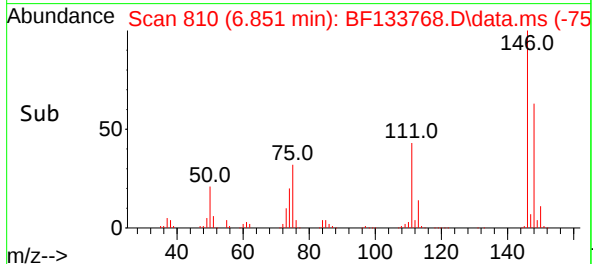
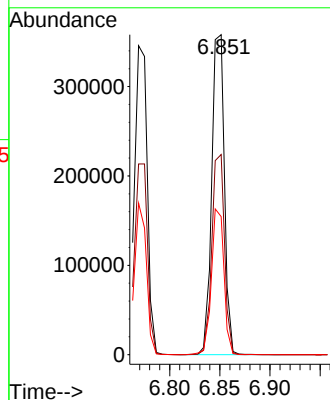
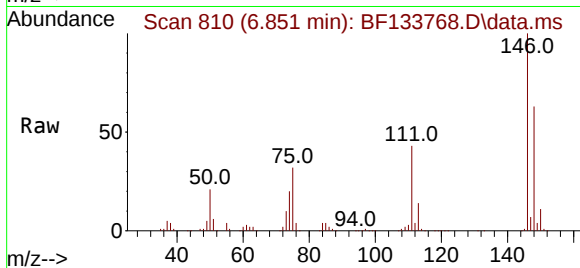
Tgt Ion:146 Resp: 316006

Ion Ratio Lower Upper

146 100

148 62.6 48.9 73.3

111 43.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 46.796 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

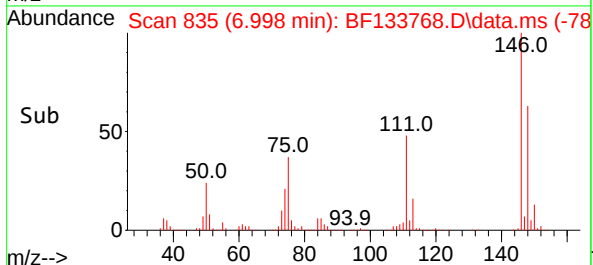
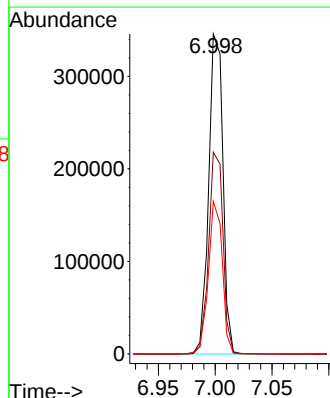
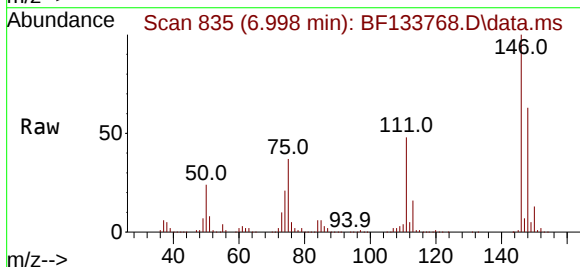
Tgt Ion:146 Resp: 300346

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

111 47.6 38.7 58.1

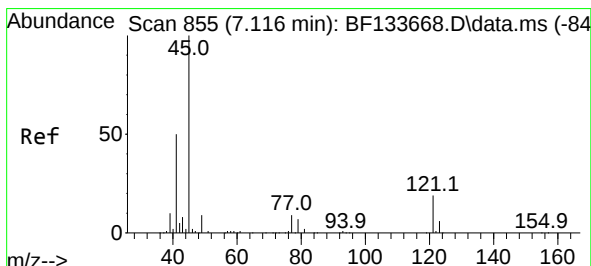
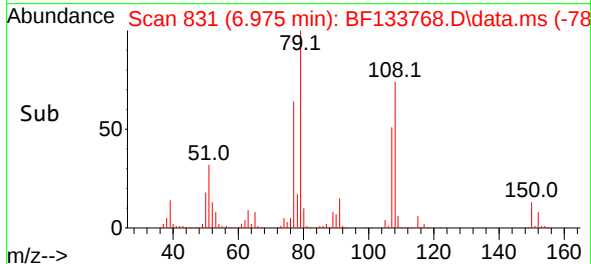
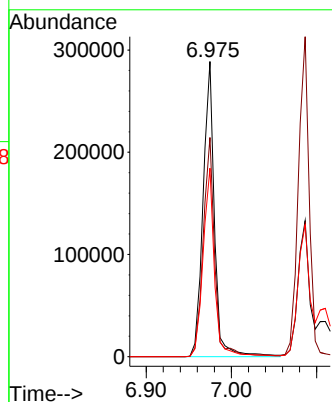
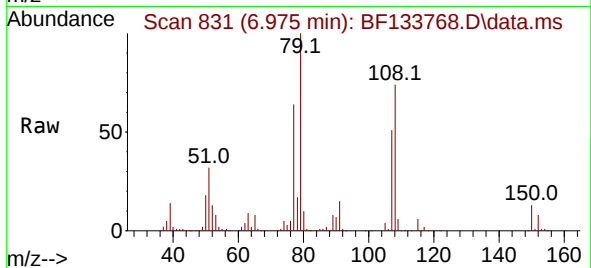




#15
Benzyl Alcohol
Concen: 42.262 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

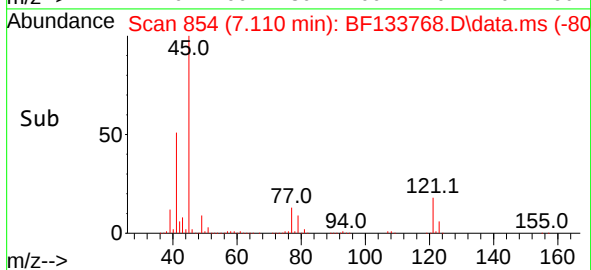
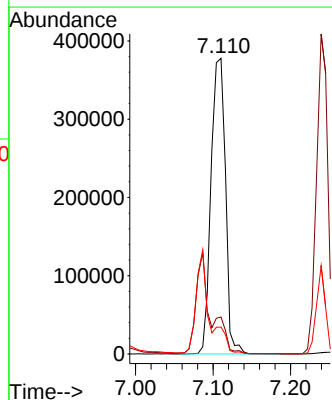
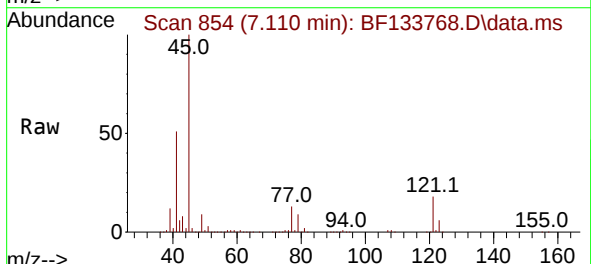
Instrument :
BNA_F
ClientSampleId :
PB153397BS

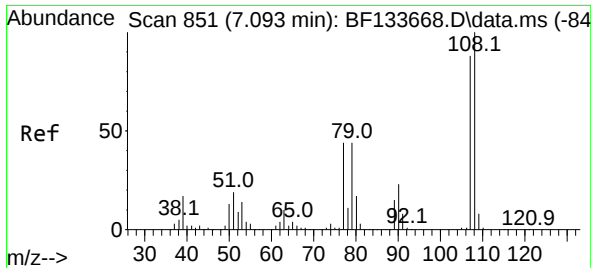
Tgt Ion: 79 Resp: 268167
Ion Ratio Lower Upper
79 100
108 74.3 57.9 86.9
77 63.8 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.889 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 45 Resp: 489905
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.1 0.0 29.4

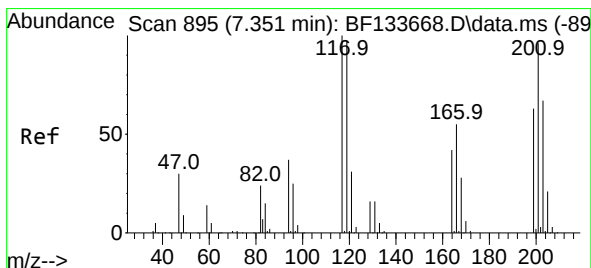
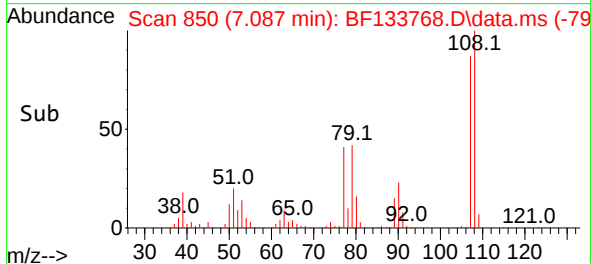
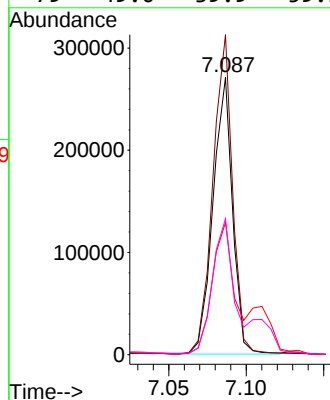
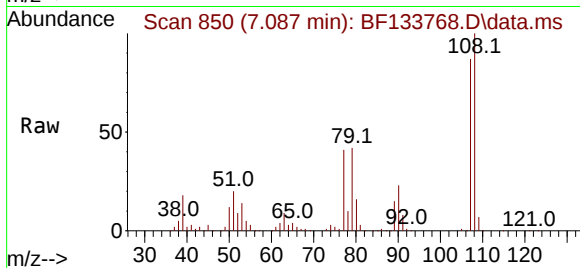




#17
2-Methylphenol
Concen: 40.753 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

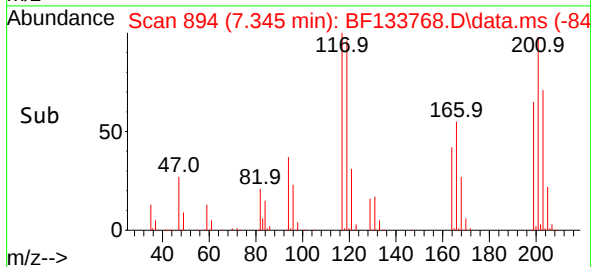
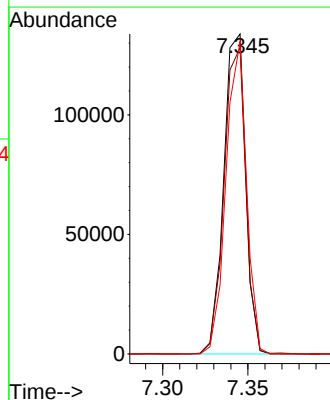
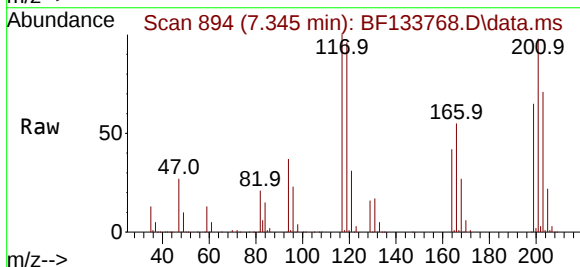
Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion:	107	Resp:	237587
Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.9	136.3
77	47.7	39.8	59.6
79	49.0	39.9	59.9



#18
Hexachloroethane
Concen: 49.257 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:	117	Resp:	119778
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.3	115.9
201	97.6	76.8	115.2



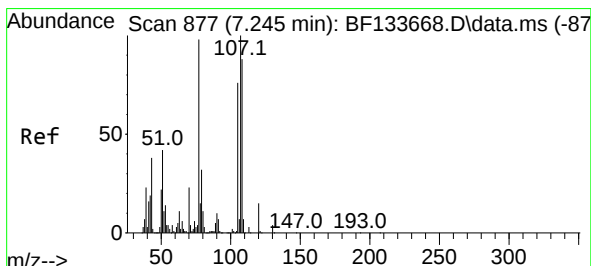
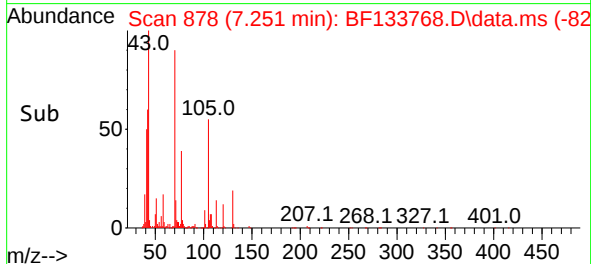
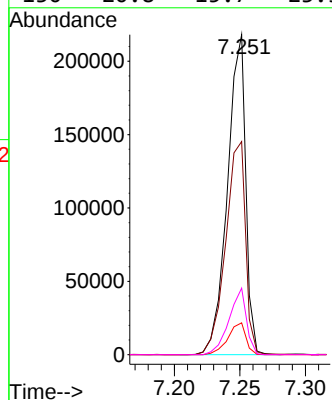
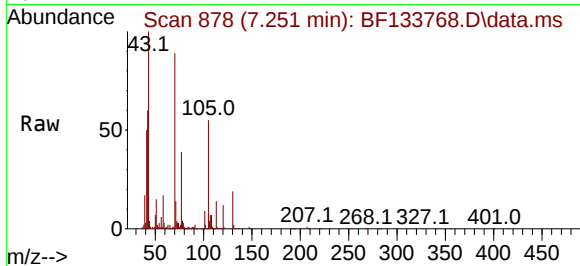


#19
n-Nitroso-di-n-propylamine
Concen: 40.946 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion: 70 Resp: 211653

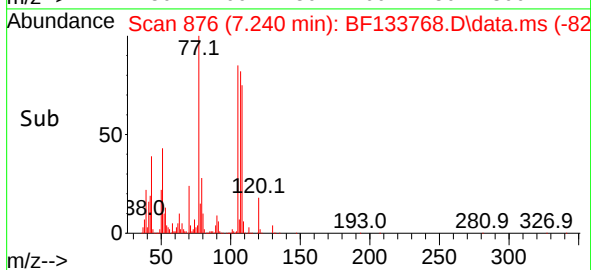
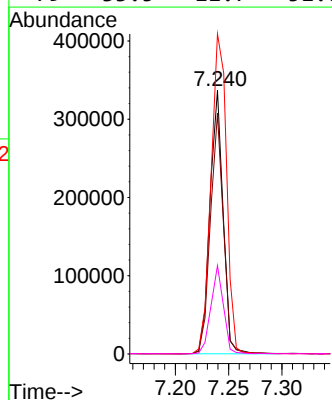
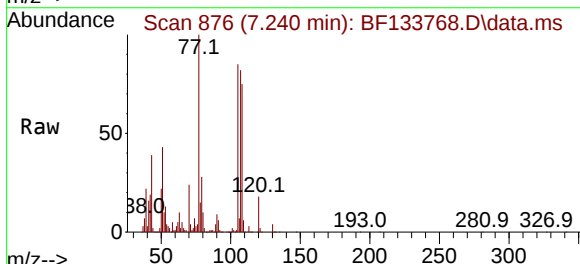
Ion	Ratio	Lower	Upper
70	100		
42	66.6	55.8	83.8
101	9.9	8.1	12.1
130	20.8	15.7	23.5

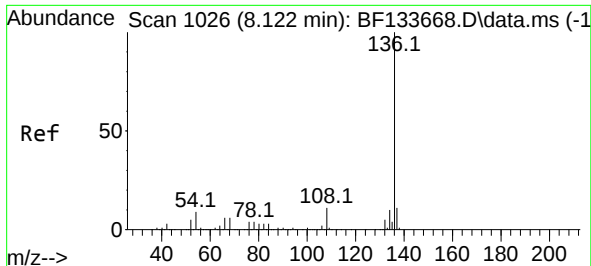


#20
3+4-Methylphenols
Concen: 38.161 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 107 Resp: 289418

Ion	Ratio	Lower	Upper
107	100		
108	91.3	67.9	107.9
77	121.5	77.7	117.7#
79	33.5	11.7	51.7

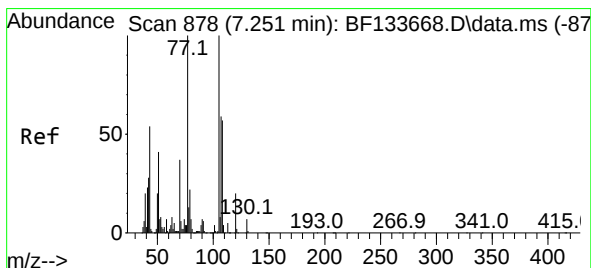
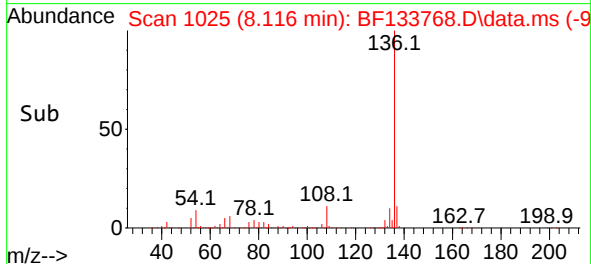
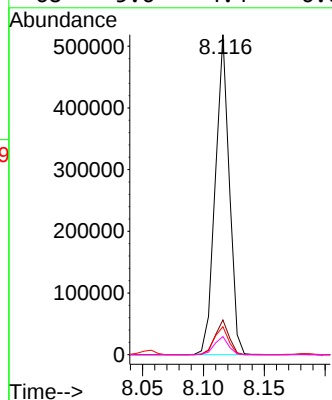
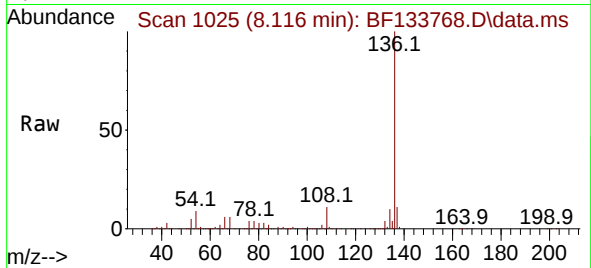




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

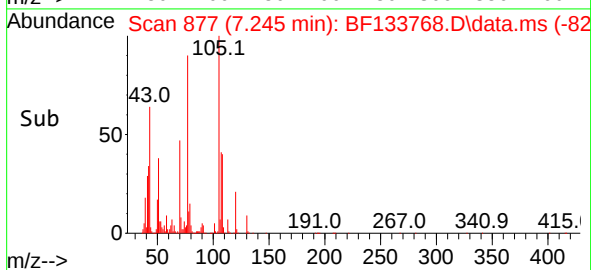
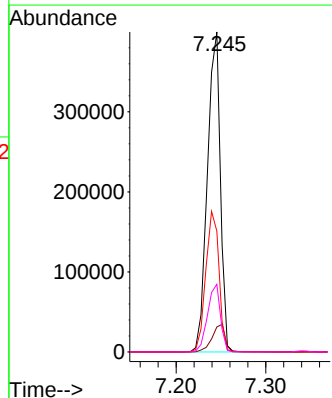
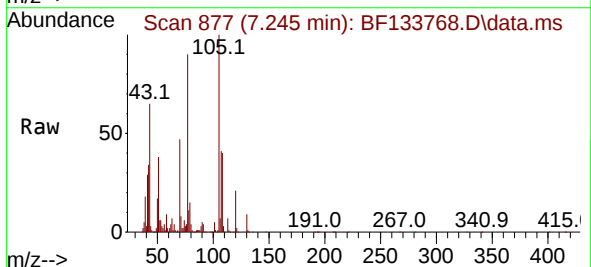
Instrument :
BNA_F
ClientSampleId :
PB153397BS

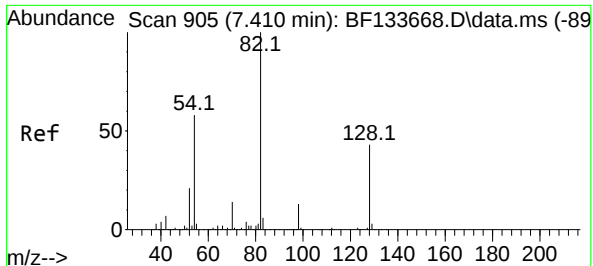
Tgt Ion:	136	Resp:	414126
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.8	7.4	11.0
68	5.6	4.4	6.6



#22
Acetophenone
Concen: 42.205 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:	105	Resp:	400872
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.8	7.2#
51	37.8	33.0	49.4
120	21.1	16.2	24.4





#23

Nitrobenzene-d5

Concen: 106.764 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

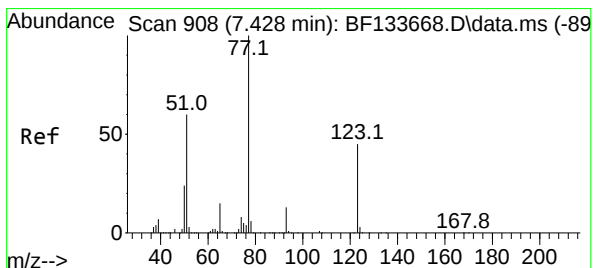
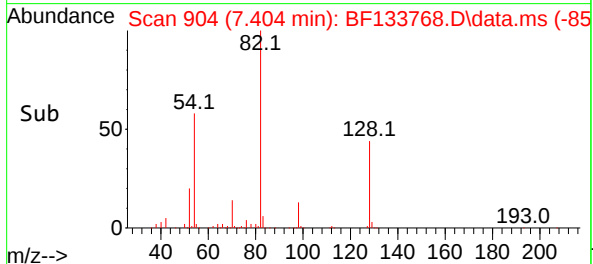
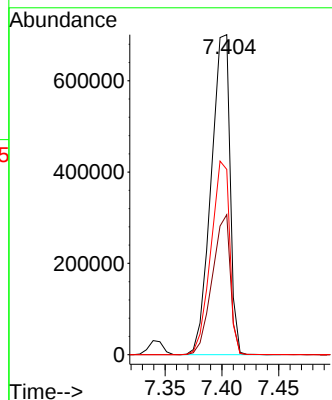
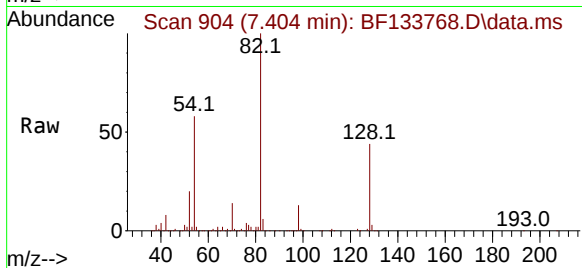
Tgt Ion: 82 Resp: 811754

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

54 57.9 46.5 69.7



#24

Nitrobenzene

Concen: 42.180 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

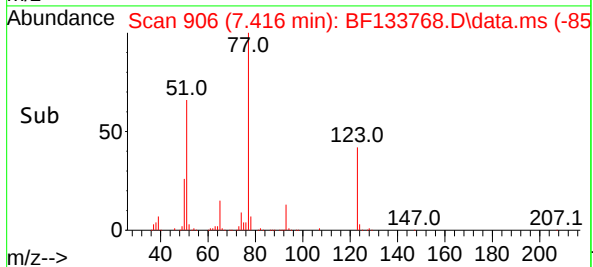
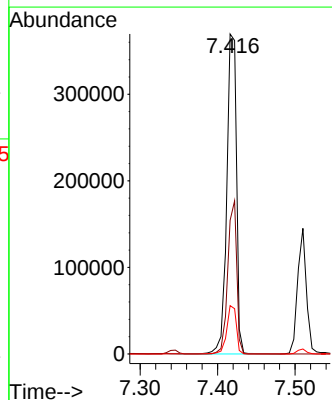
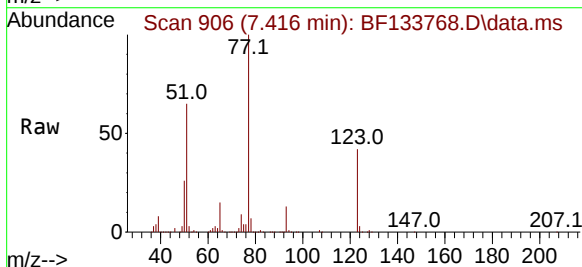
Tgt Ion: 77 Resp: 322931

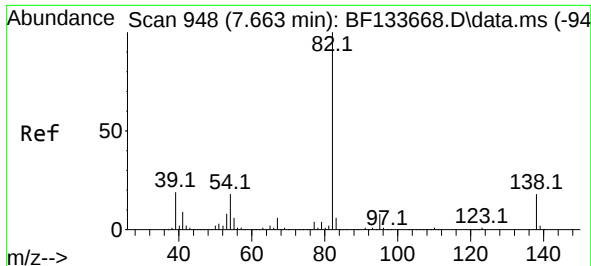
Ion Ratio Lower Upper

77 100

123 41.7 35.8 53.8

65 15.1 11.6 17.4

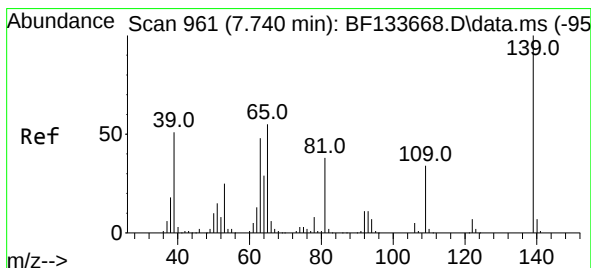
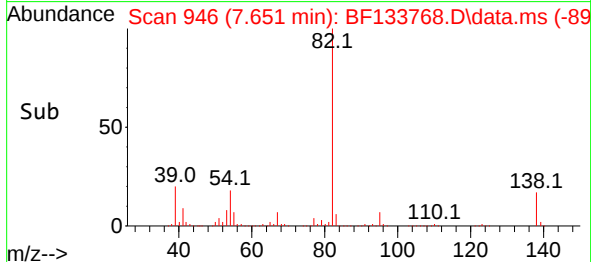
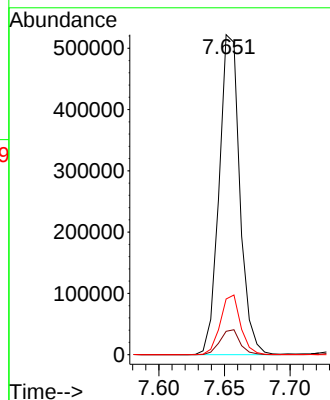
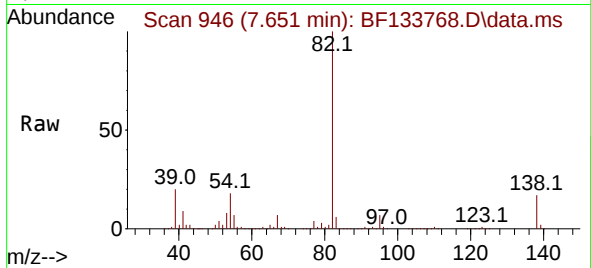




#25
Isophorone
Concen: 41.025 ng
RT: 7.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

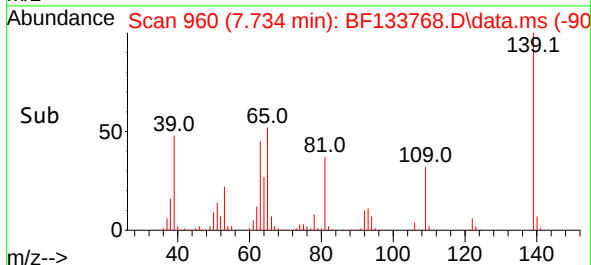
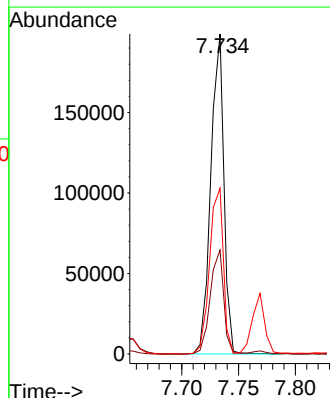
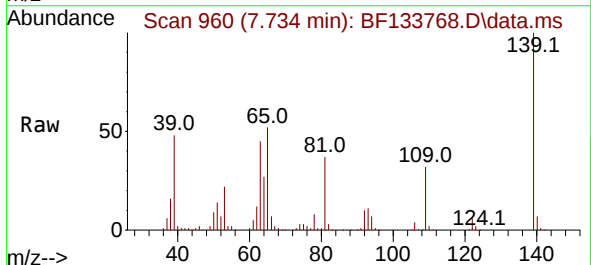
Instrument :
BNA_F
ClientSampleId :
PB153397BS

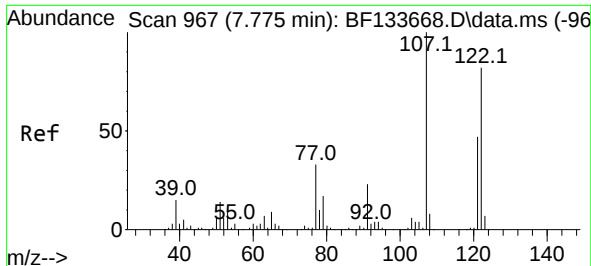
Tgt Ion: 82 Resp: 572653
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.4 14.2 21.2



#26
2-Nitrophenol
Concen: 46.179 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 139 Resp: 158667
Ion Ratio Lower Upper
139 100
109 32.4 27.0 40.6
65 51.8 44.2 66.4

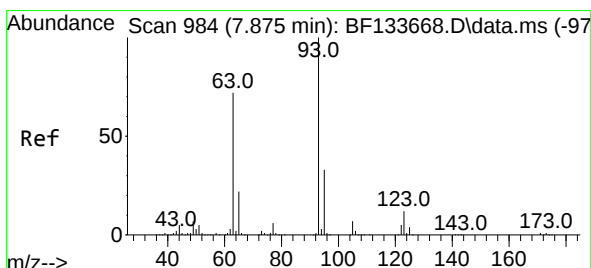
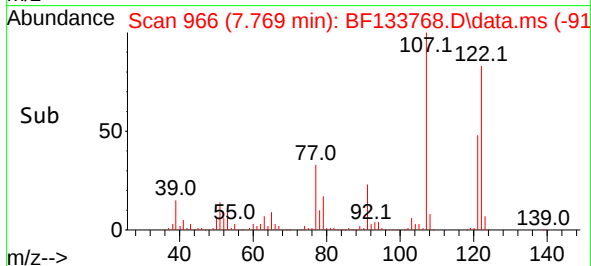
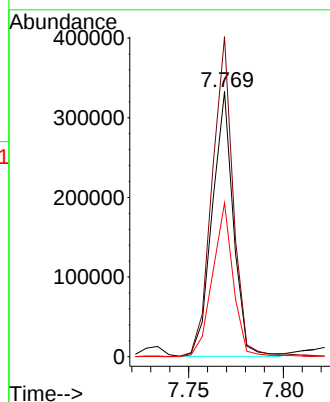
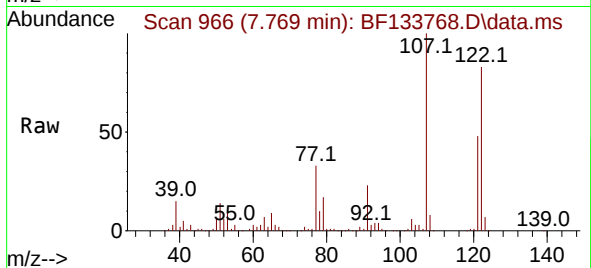




#27
2,4-Dimethylphenol
Concen: 43.612 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

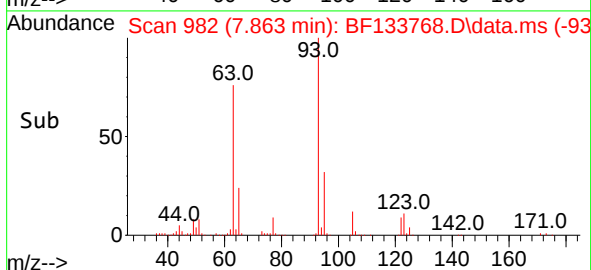
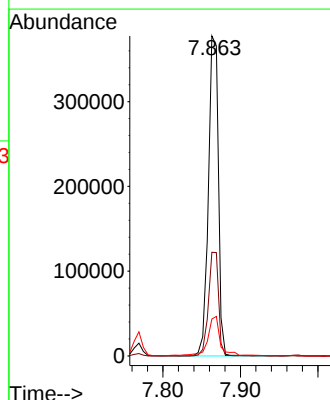
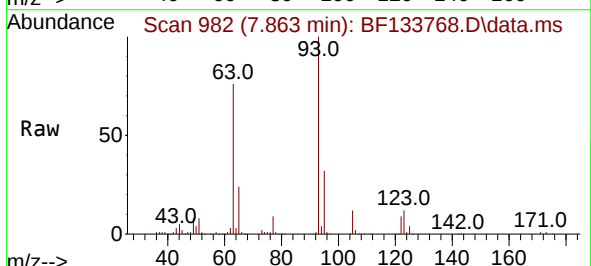
Instrument :
BNA_F
ClientSampleId :
PB153397BS

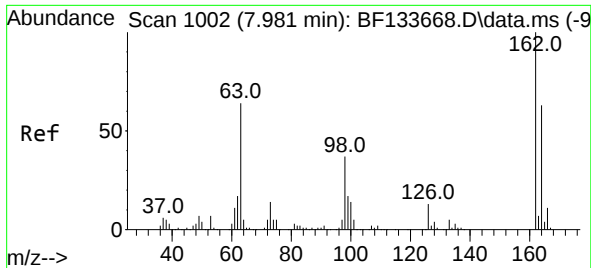
Tgt Ion:122 Resp: 258281
Ion Ratio Lower Upper
122 100
107 120.7 97.8 146.6
121 58.0 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.938 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 93 Resp: 338343
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.557 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

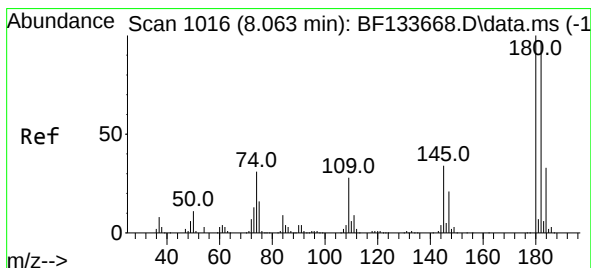
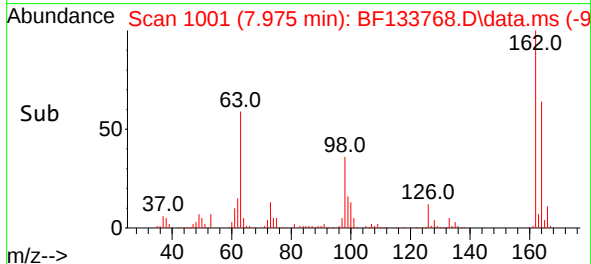
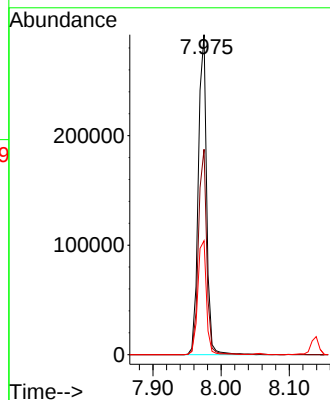
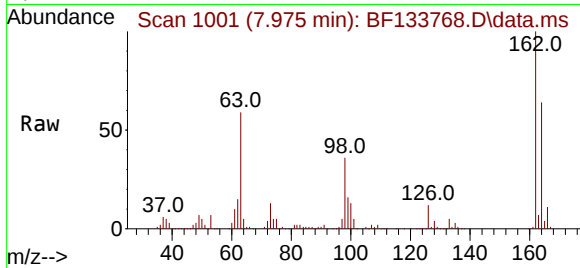
Tgt Ion:162 Resp: 247007

Ion Ratio Lower Upper

162 100

164 64.2 43.4 83.4

98 35.6 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 43.426 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

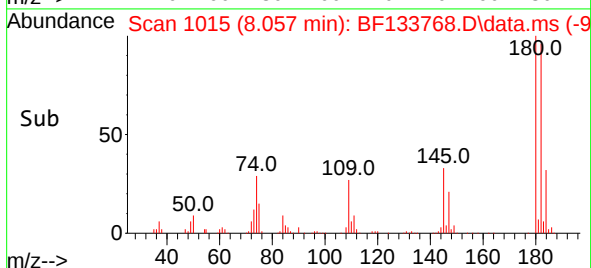
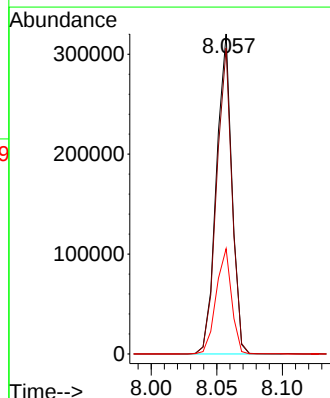
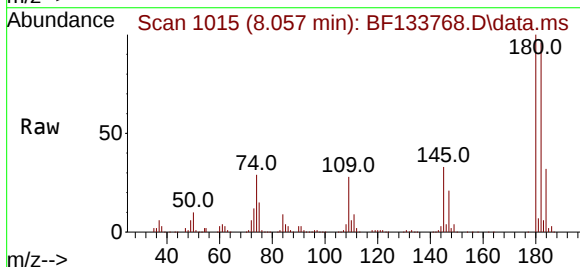
Tgt Ion:180 Resp: 262976

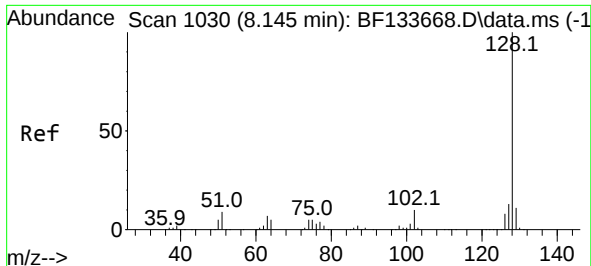
Ion Ratio Lower Upper

180 100

182 95.6 77.8 116.8

145 32.9 27.0 40.4





#31

Naphthalene

Concen: 40.974 ng

RT: 8.139 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

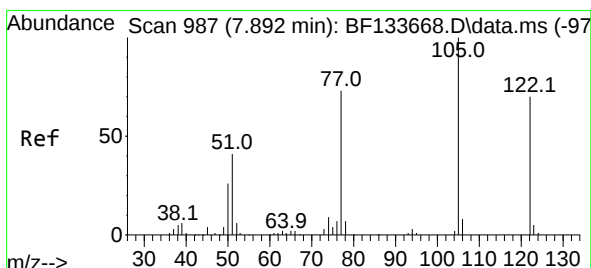
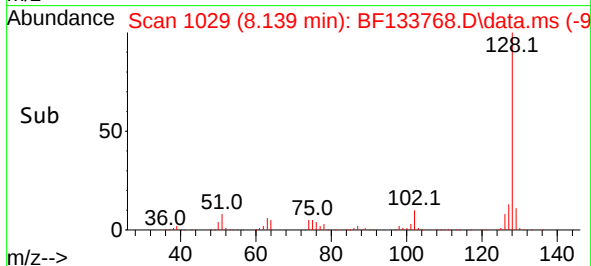
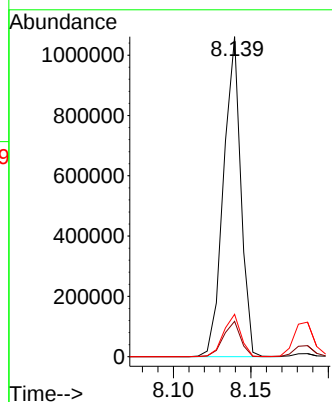
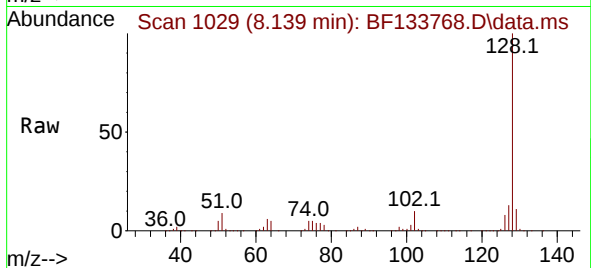
Tgt Ion:128 Resp: 826705

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 40.250 ng

RT: 7.887 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

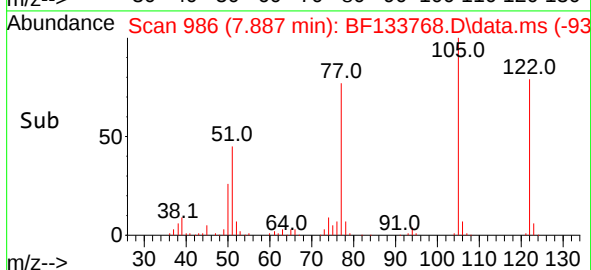
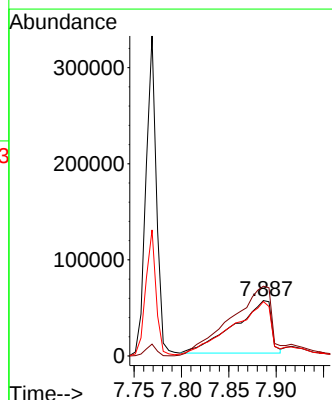
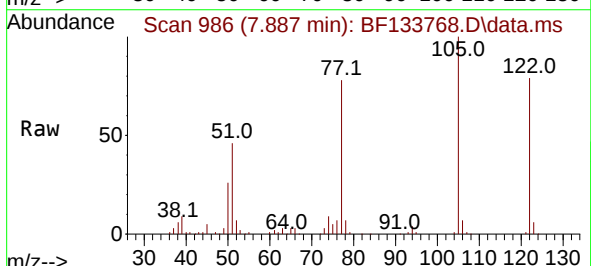
Tgt Ion:122 Resp: 150336

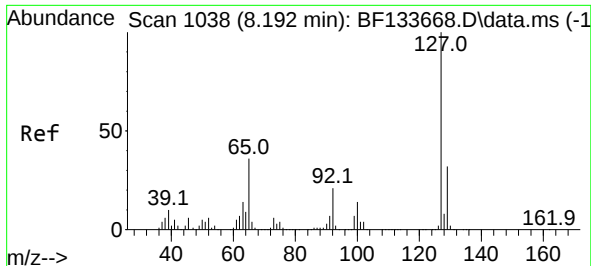
Ion Ratio Lower Upper

122 100

105 126.2 116.3 156.3

77 98.3 82.4 122.4

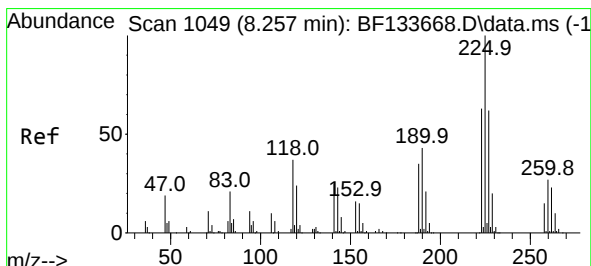
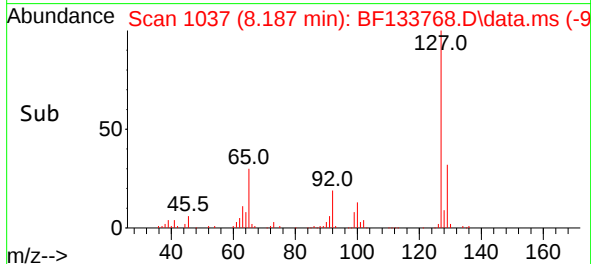
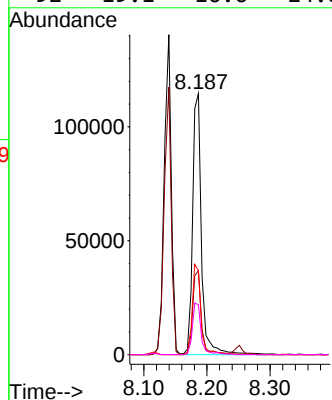
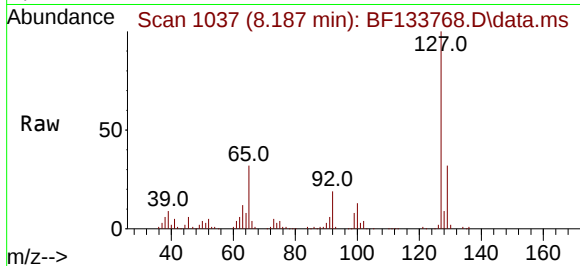




#33
4-Chloroaniline
Concen: 13.083 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

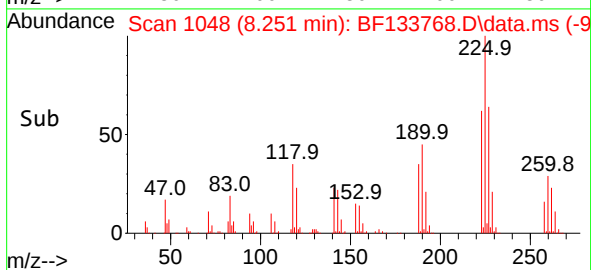
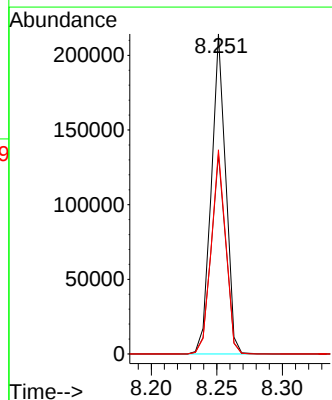
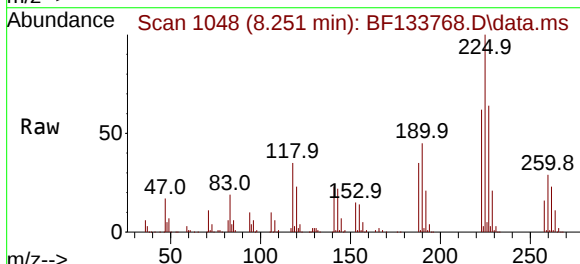
Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion:	127	Resp:	112864
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	32.1	28.9	43.3
92	19.1	16.6	24.8



#34
Hexachlorobutadiene
Concen: 41.417 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:	225	Resp:	164212
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	63.8	49.5	74.3

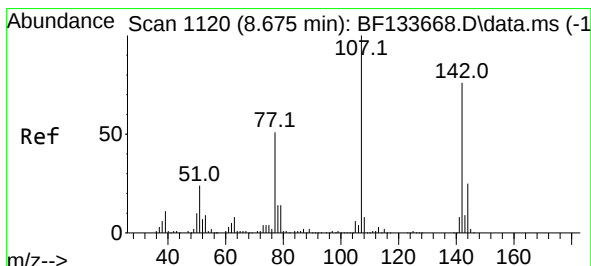
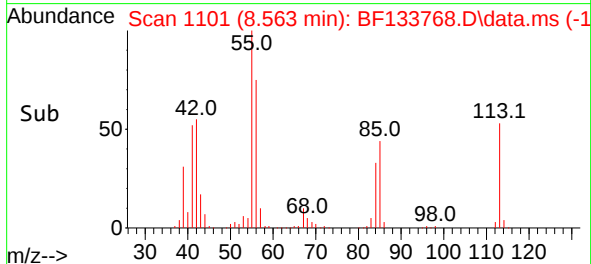
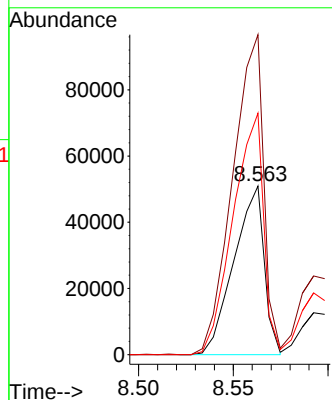
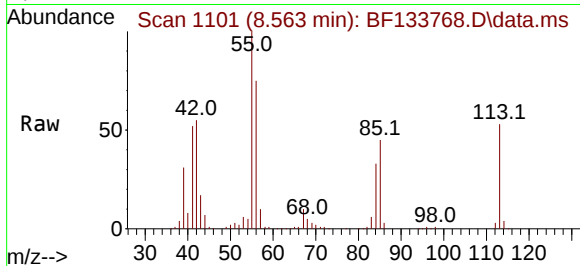




#35
 Caprolactam
 Concen: 28.920 ng
 RT: 8.563 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

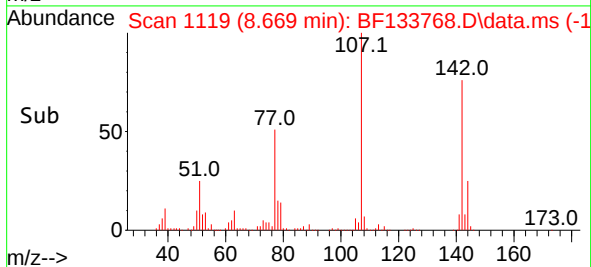
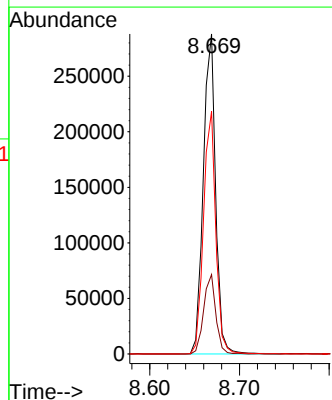
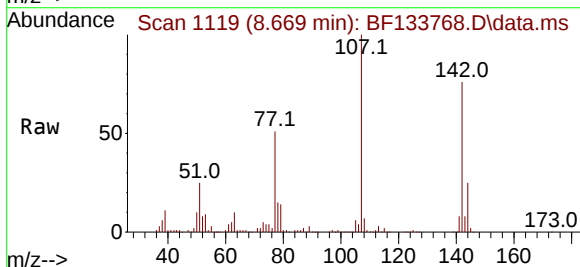
Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

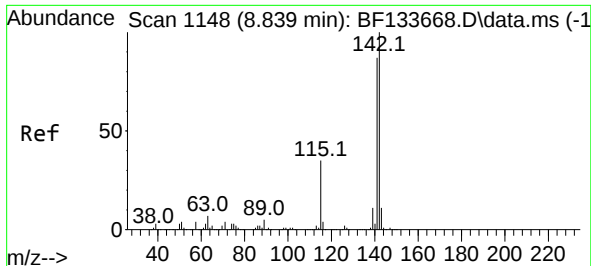
Tgt Ion:113 Resp: 56483
 Ion Ratio Lower Upper
 113 100
 55 189.7 173.3 213.3
 56 143.1 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.071 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Tgt Ion:107 Resp: 274780
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 75.8 61.1 91.7





#37

2-Methylnaphthalene

Concen: 40.041 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

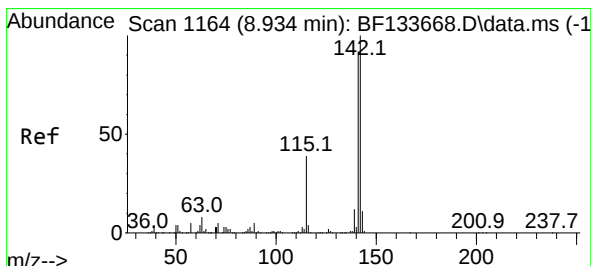
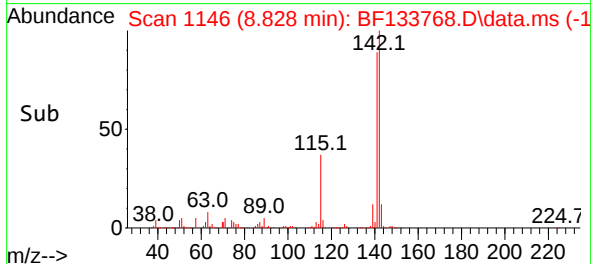
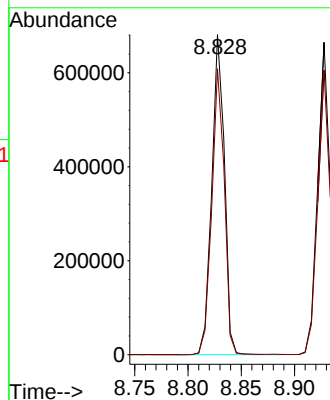
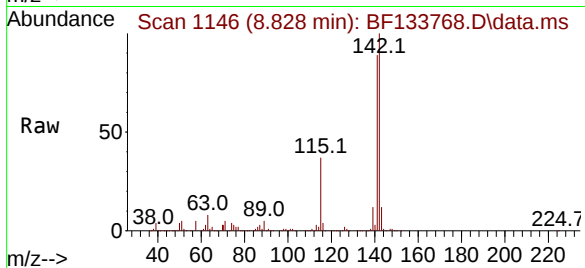
PB153397BS

Tgt Ion:142 Resp: 561327

Ion Ratio Lower Upper

142 100

141 89.4 69.8 104.8



#38

1-Methylnaphthalene

Concen: 40.968 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF133768.D

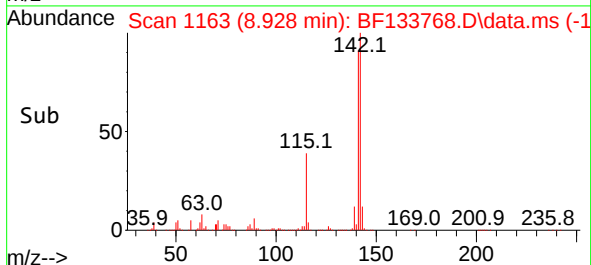
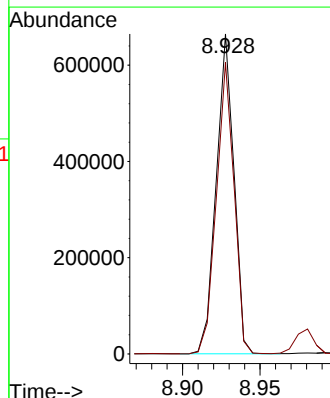
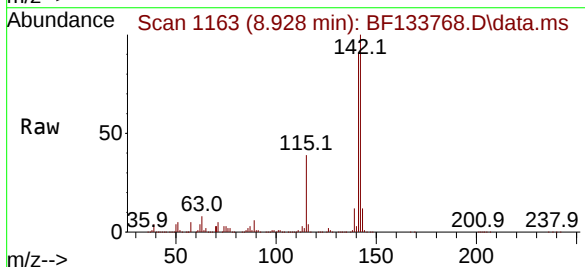
Acq: 15 Jun 2023 11:19

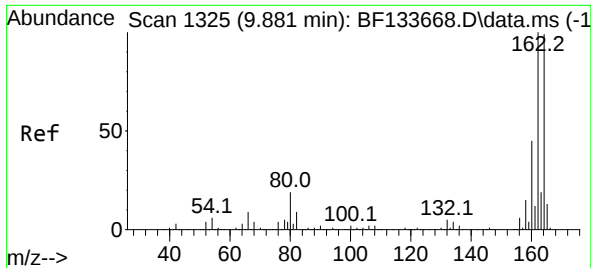
Tgt Ion:142 Resp: 528488

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.0

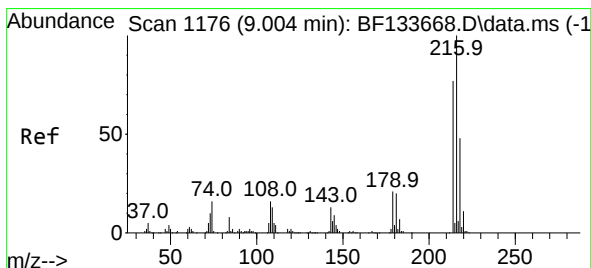
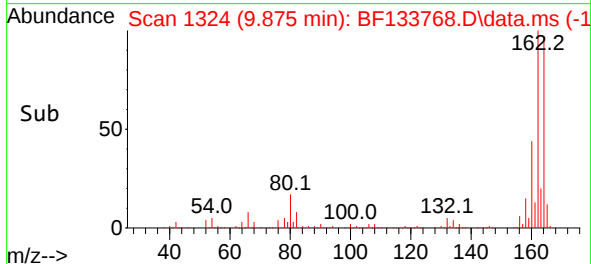
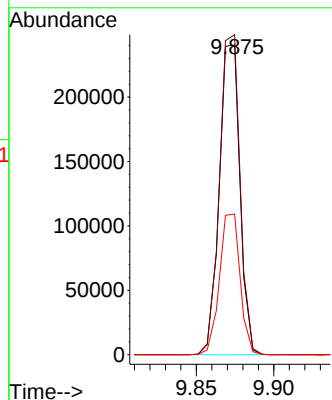
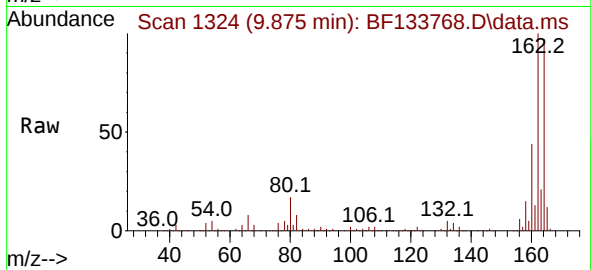




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

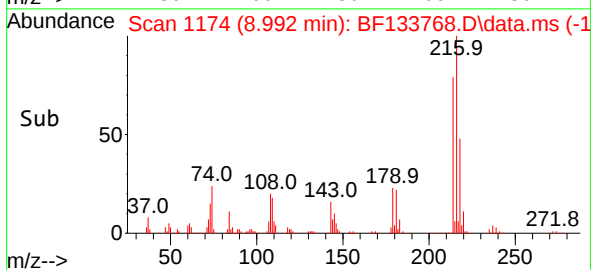
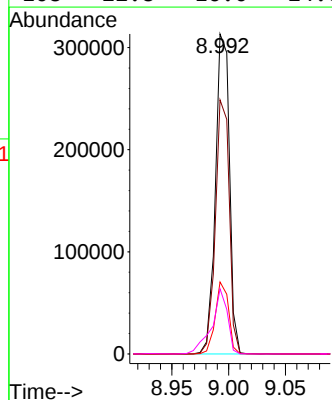
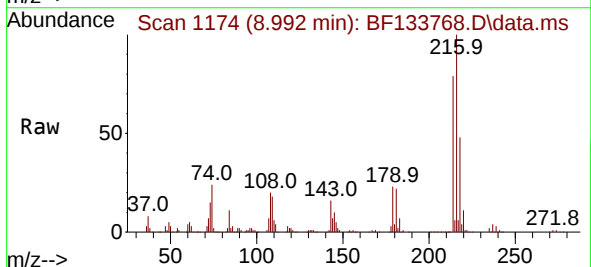
Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion:164 Resp: 222871
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 45.4 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.567 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:216 Resp: 268087
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 21.4 17.6 26.4
108 22.8 16.0 24.0

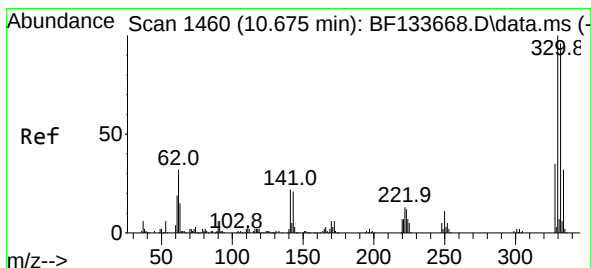
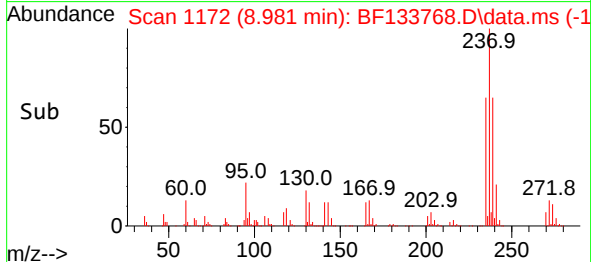
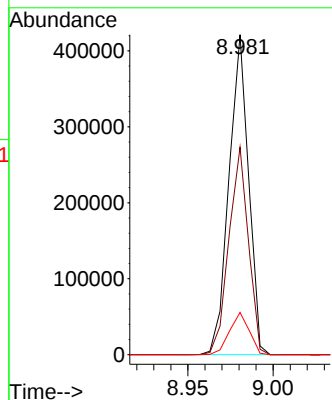
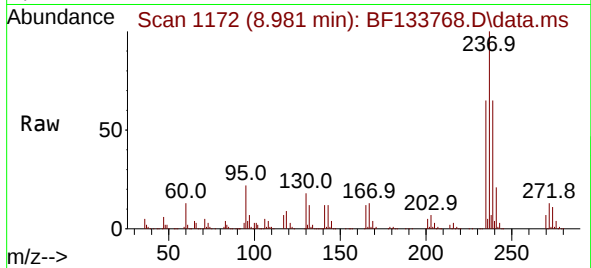




#41
Hexachlorocyclopentadiene
Concen: 111.612 ng
RT: 8.981 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

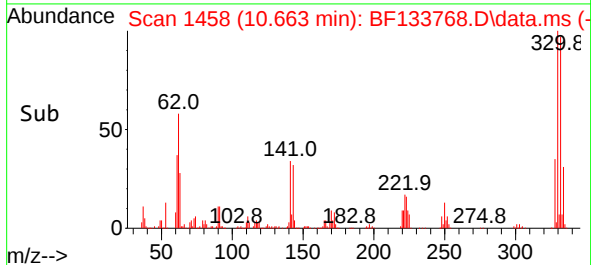
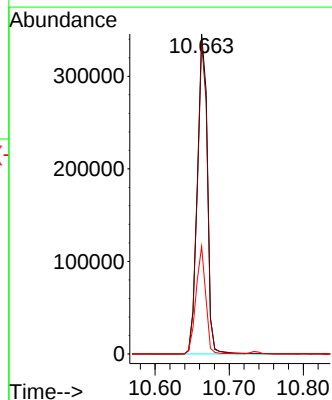
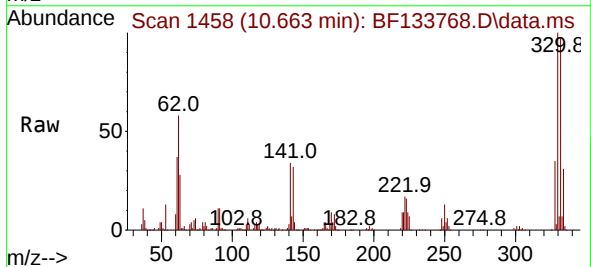
Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion:237 Resp: 336998
Ion Ratio Lower Upper
237 100
235 64.8 40.6 80.6
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 115.091 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:330 Resp: 324690
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 32.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 40.206 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

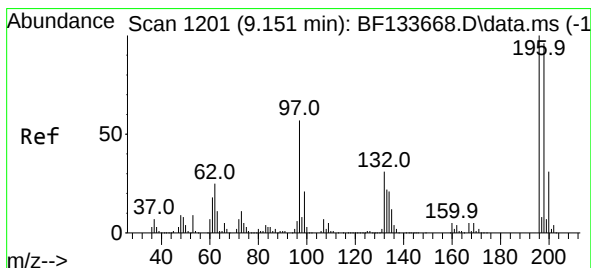
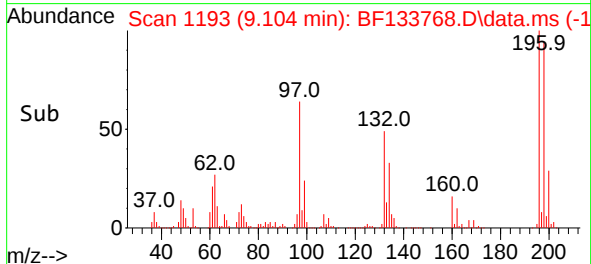
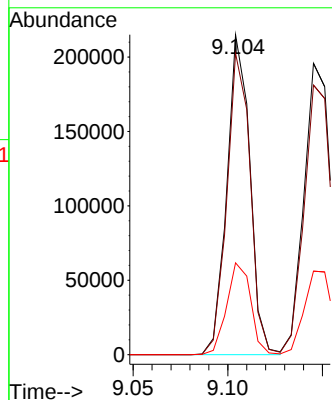
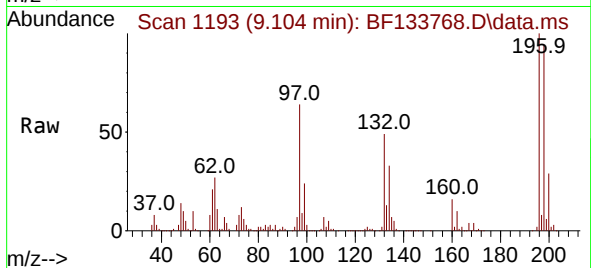
Tgt Ion:196 Resp: 182040

Ion Ratio Lower Upper

196 100

198 94.2 74.5 111.7

200 28.7 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 37.290 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Tgt Ion:196 Resp: 196421

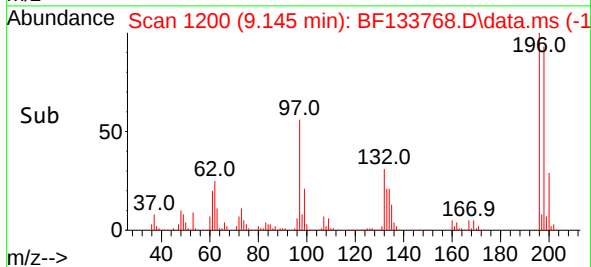
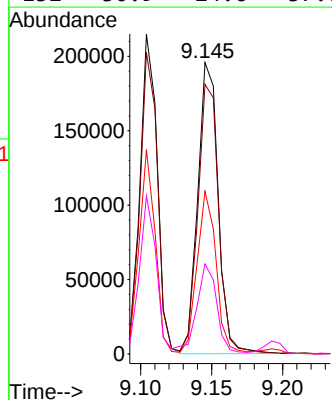
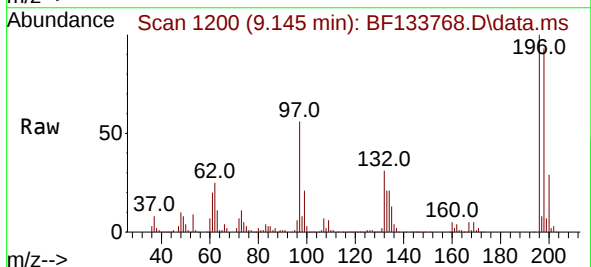
Ion Ratio Lower Upper

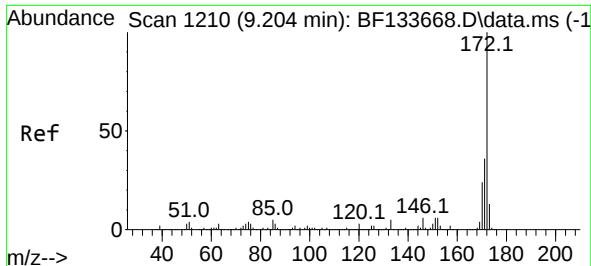
196 100

198 92.5 76.8 115.2

97 55.9 45.4 68.2

132 30.9 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 93.045 ng

RT: 9.192 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

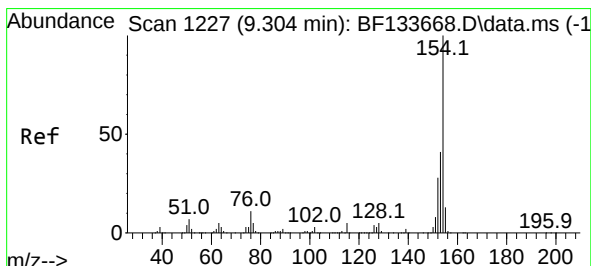
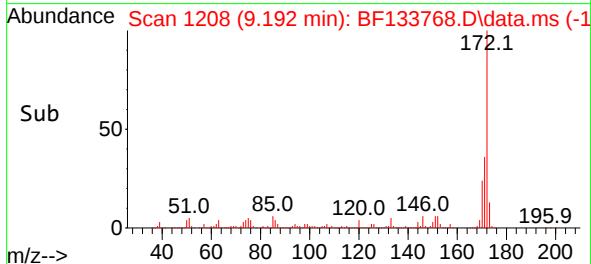
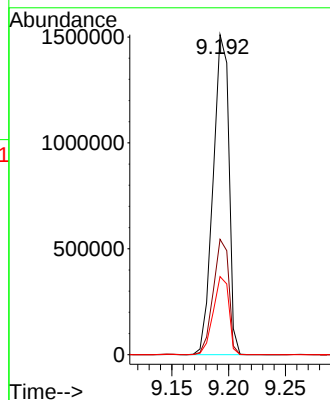
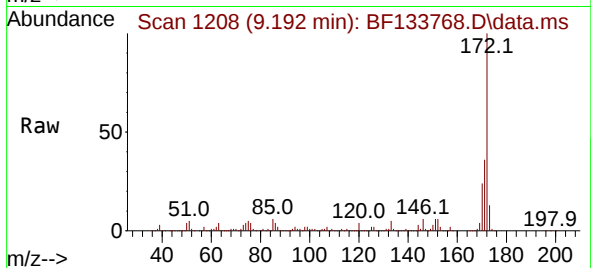
Tgt Ion:172 Resp: 1458792

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.284 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

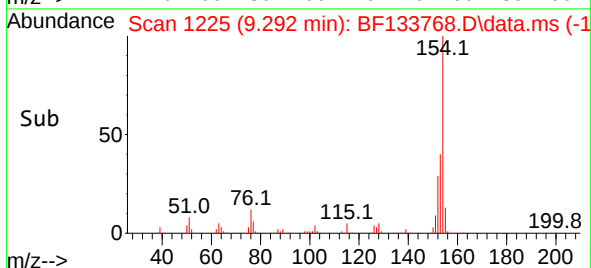
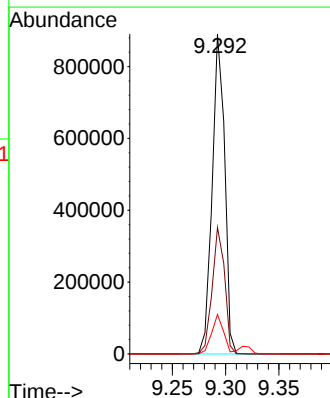
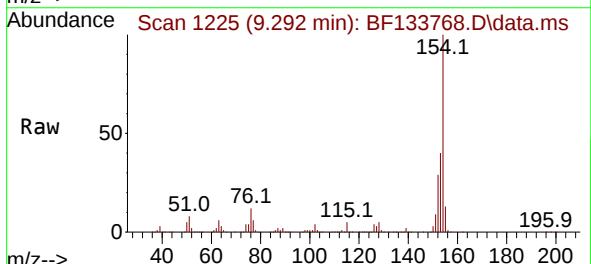
Tgt Ion:154 Resp: 724095

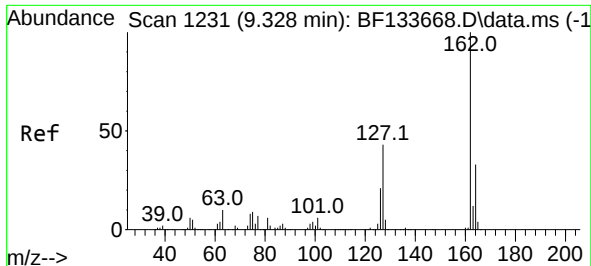
Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

76 12.3 0.0 31.0

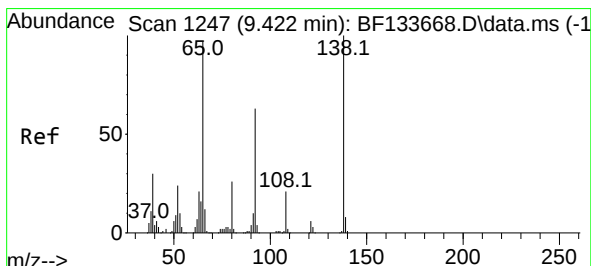
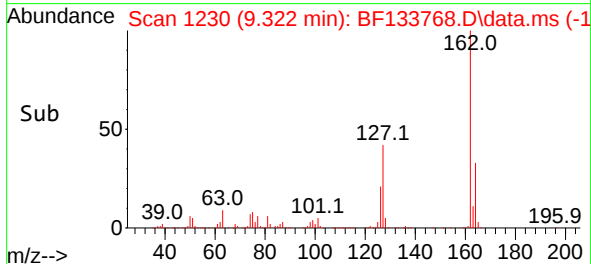
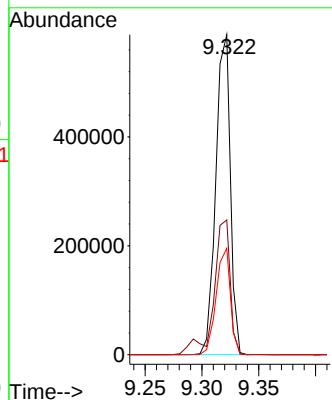
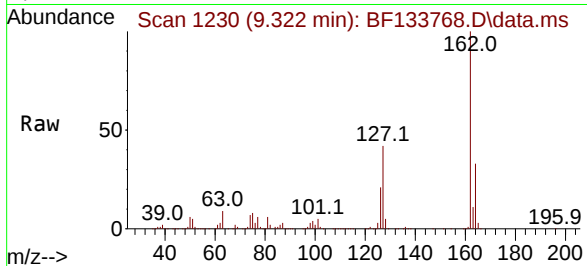




#47
2-Chloronaphthalene
Concen: 40.568 ng
RT: 9.322 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

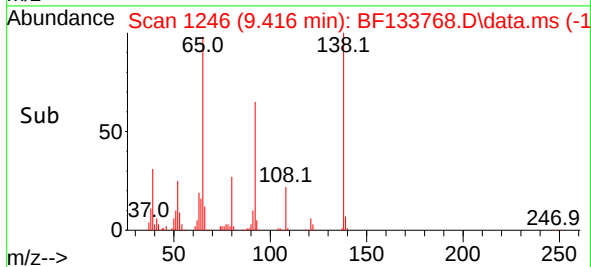
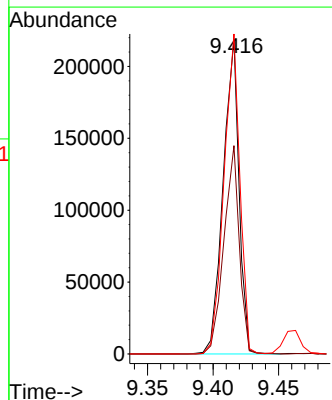
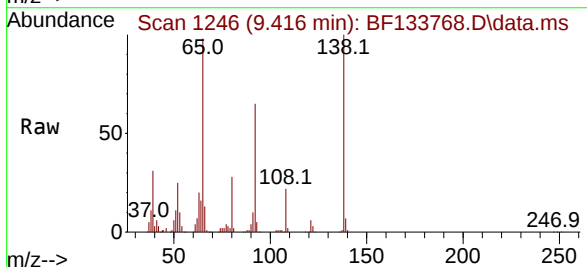
Instrument :
BNA_F
ClientSampleId :
PB153397BS

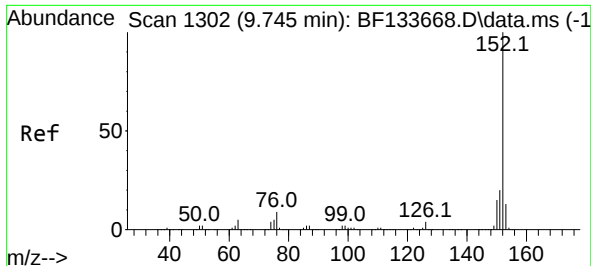
Tgt Ion:162 Resp: 523068
Ion Ratio Lower Upper
162 100
127 42.1 34.6 52.0
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 38.880 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion: 65 Resp: 183341
Ion Ratio Lower Upper
65 100
92 66.2 51.8 77.6
138 101.7 82.1 123.1





#49

Acenaphthylene

Concen: 40.877 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

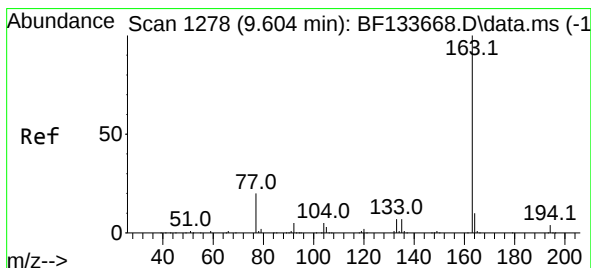
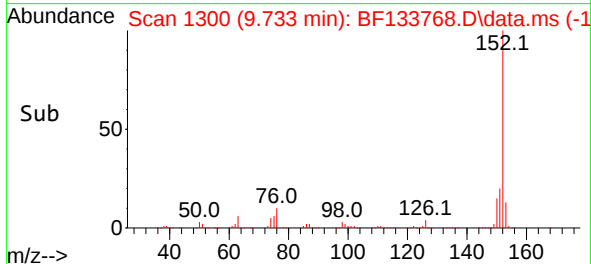
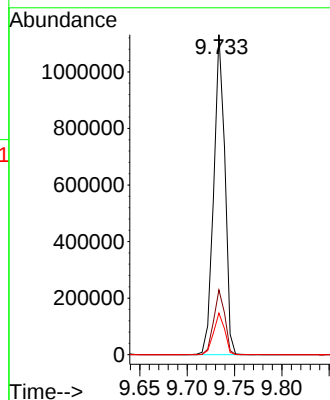
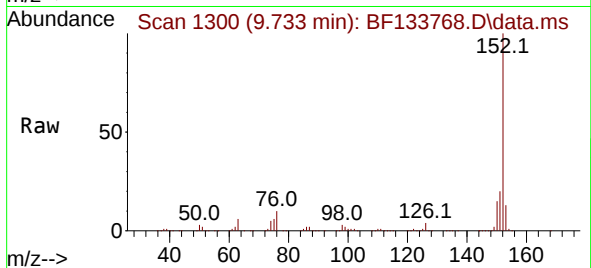
Tgt Ion:152 Resp: 917346

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 39.158 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

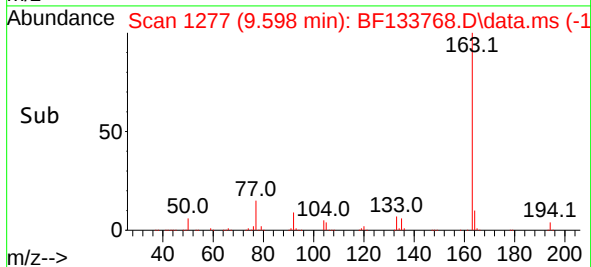
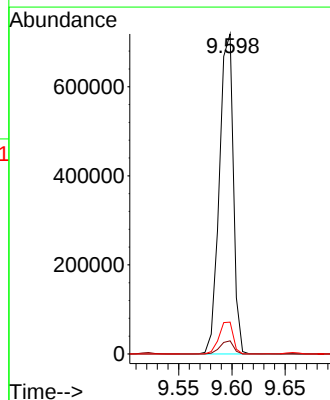
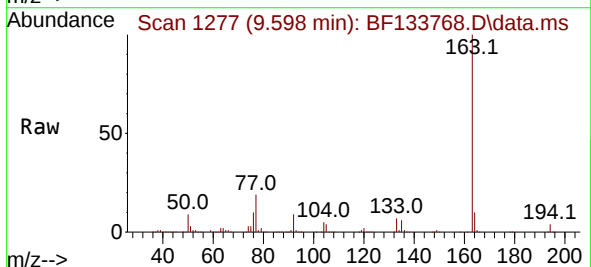
Tgt Ion:163 Resp: 651413

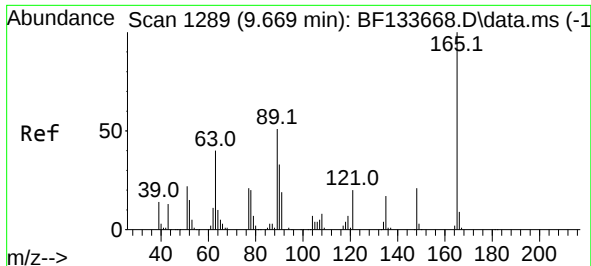
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 41.948 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

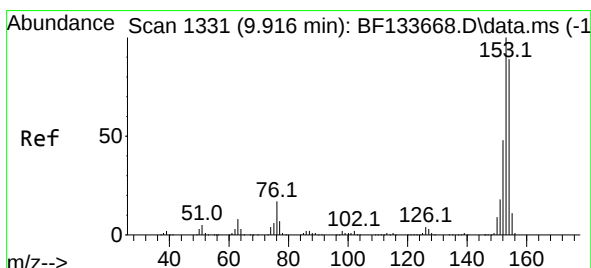
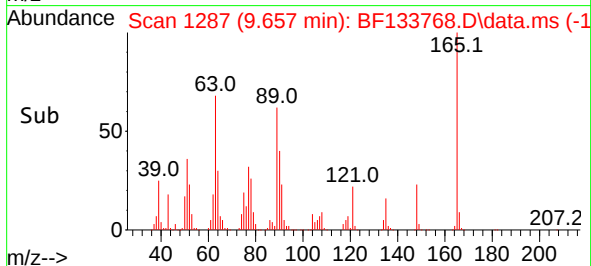
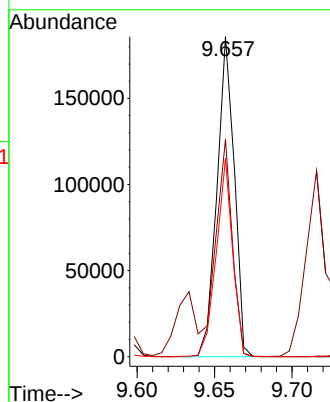
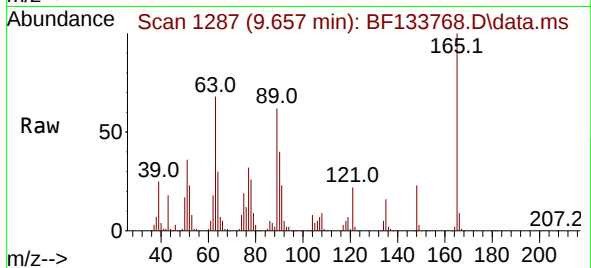
Tgt Ion:165 Resp: 144039

Ion Ratio Lower Upper

165 100

63 67.9 42.1 63.1#

89 62.0 40.9 61.3#



#52

Acenaphthene

Concen: 40.744 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

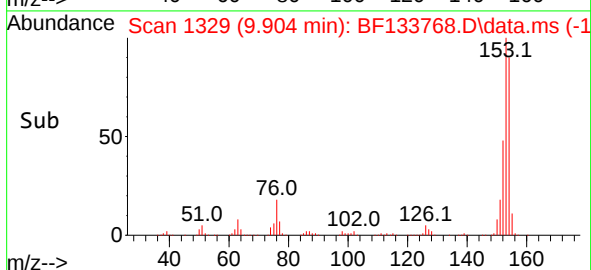
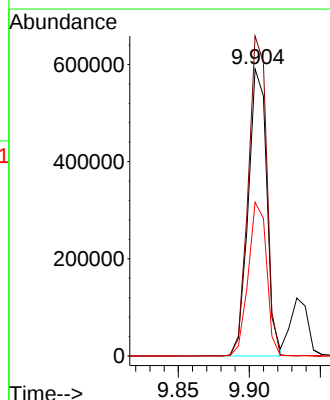
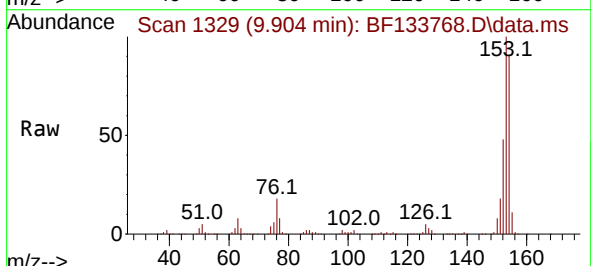
Tgt Ion:154 Resp: 535206

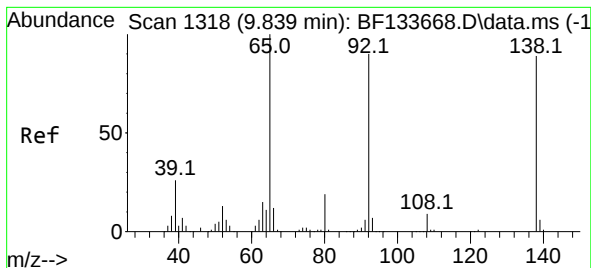
Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

152 53.5 43.4 65.2





#53

3-Nitroaniline

Concen: 24.727 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

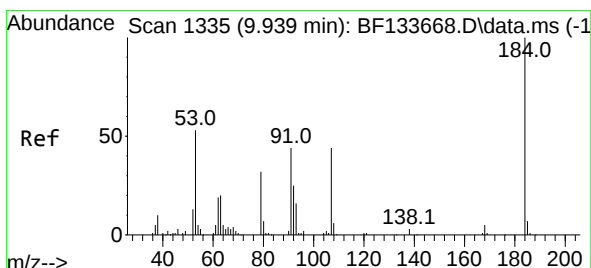
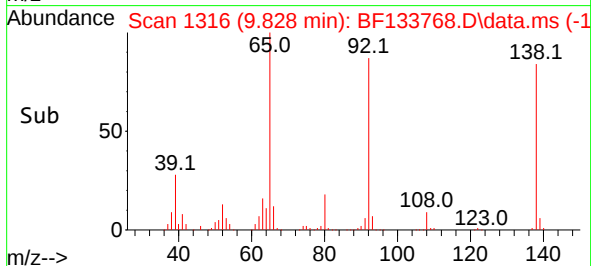
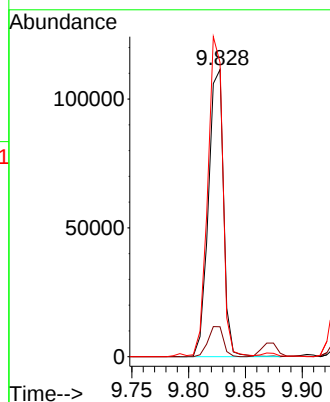
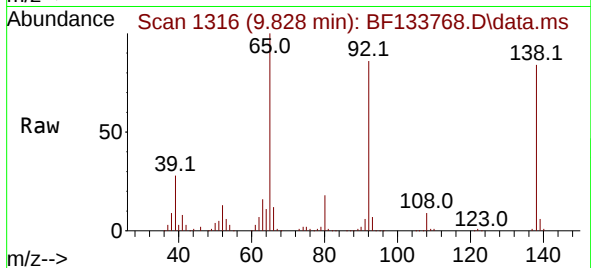
Tgt Ion:138 Resp: 103325

Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

92 102.4 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 96.443 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

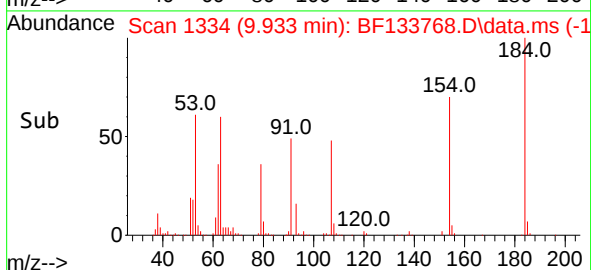
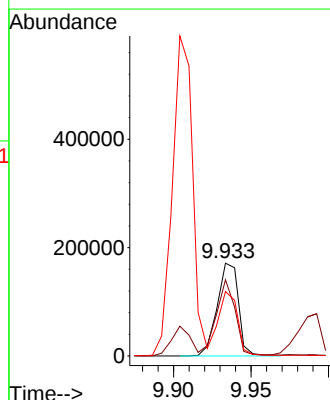
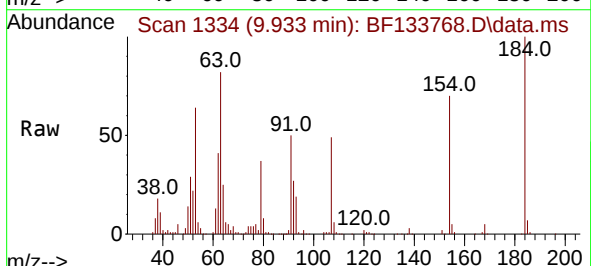
Tgt Ion:184 Resp: 163948

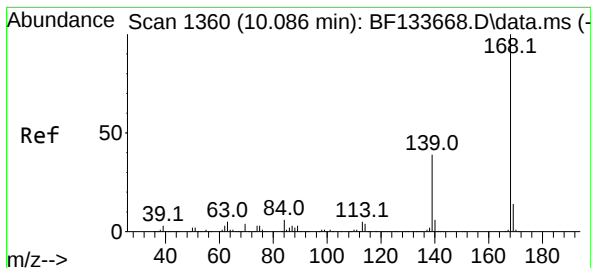
Ion Ratio Lower Upper

184 100

63 82.1 55.3 82.9

154 69.6 51.9 77.9





#55

Dibenzenofuran

Concen: 40.605 ng

RT: 10.081 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

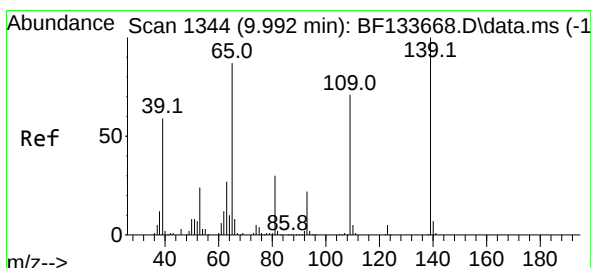
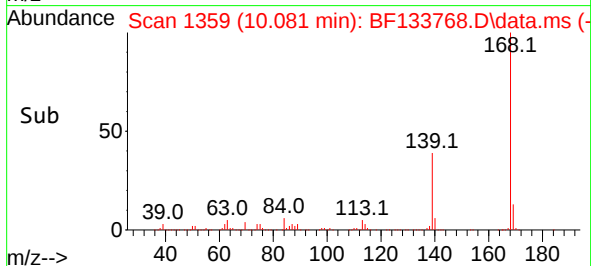
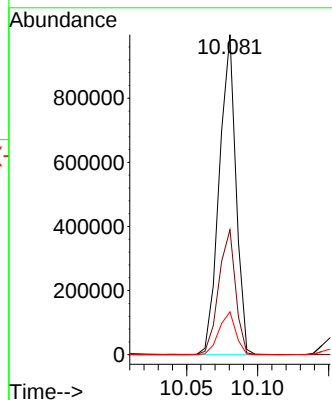
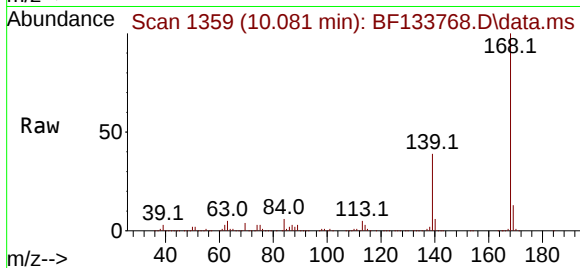
Tgt Ion:168 Resp: 813887

Ion Ratio Lower Upper

168 100

139 39.1 30.9 46.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 86.105 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

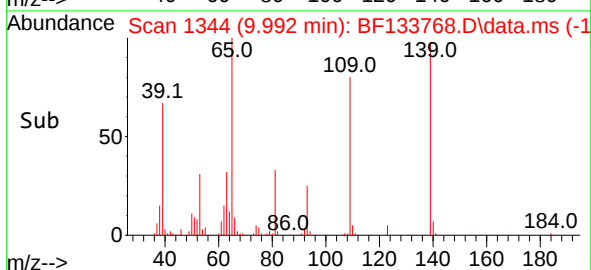
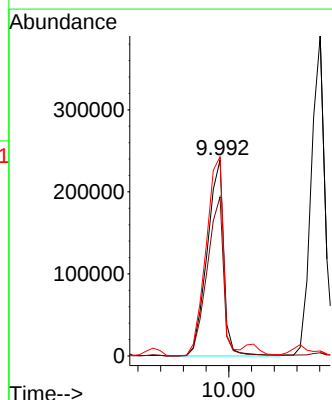
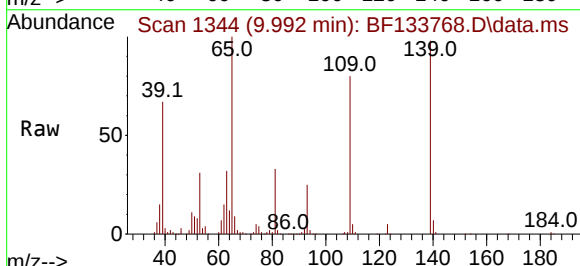
Tgt Ion:139 Resp: 242826

Ion Ratio Lower Upper

139 100

109 81.2 50.7 90.7

65 101.8 67.1 107.1

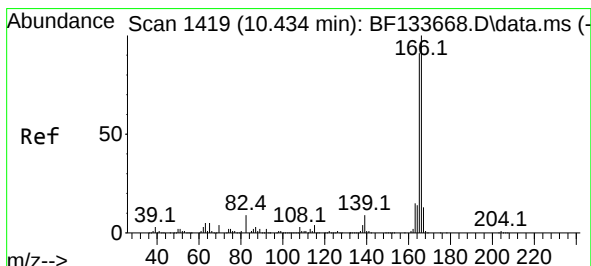
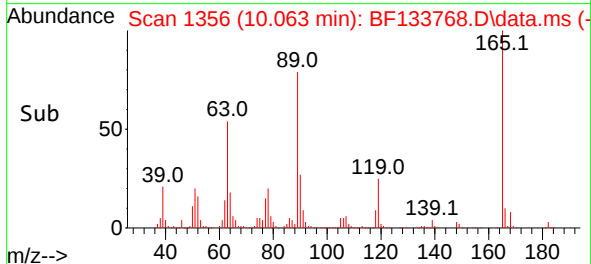
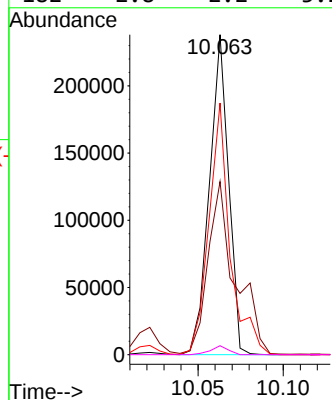
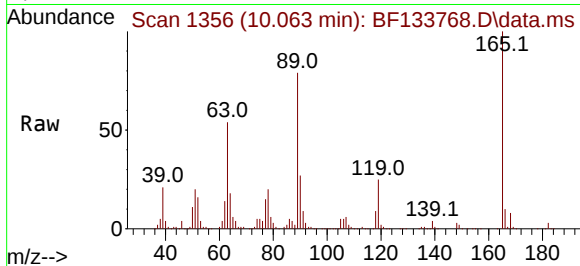




#57
2,4-Dinitrotoluene
Concen: 42.804 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

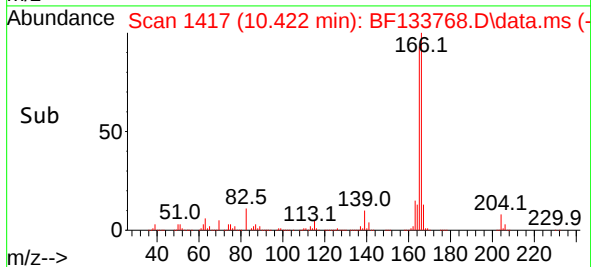
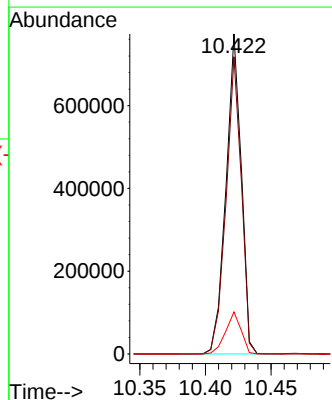
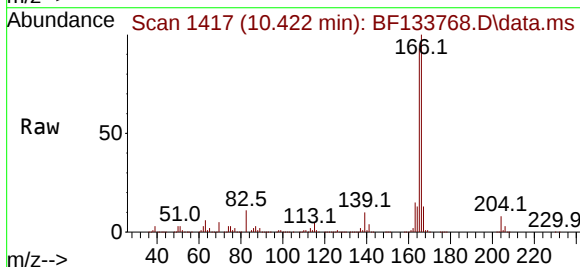
Instrument :
BNA_F
ClientSampleId :
PB153397BS

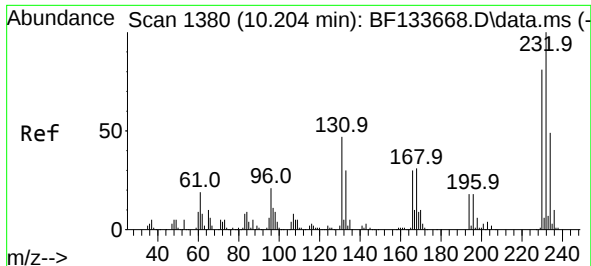
Tgt Ion:165 Resp: 186924
Ion Ratio Lower Upper
165 100
63 54.1 43.0 64.6
89 78.7 62.6 93.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 40.845 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:166 Resp: 626084
Ion Ratio Lower Upper
166 100
165 92.9 73.1 109.7
167 13.2 10.5 15.7

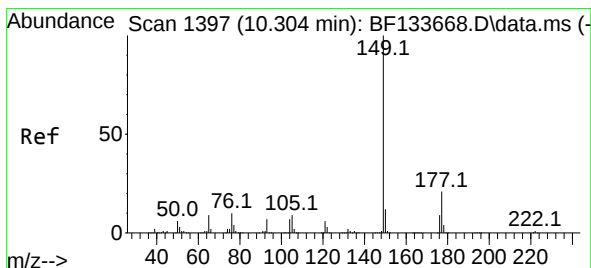
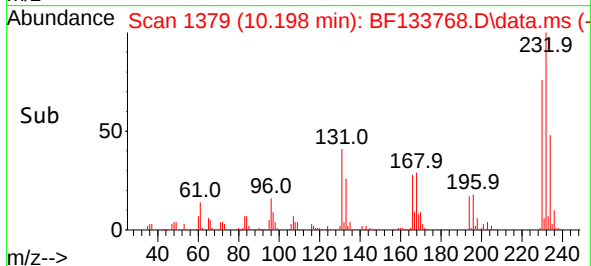
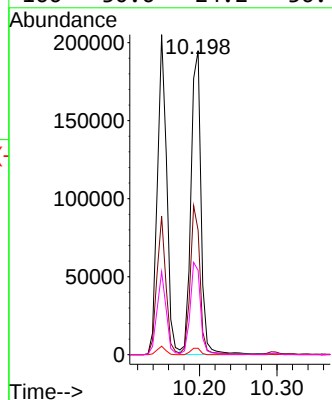
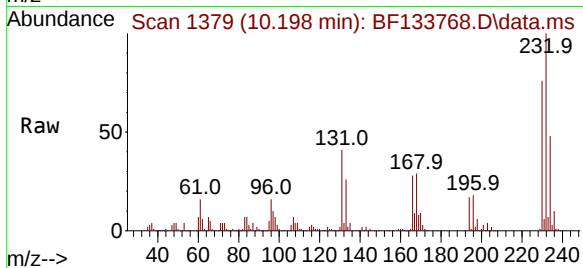




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.318 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

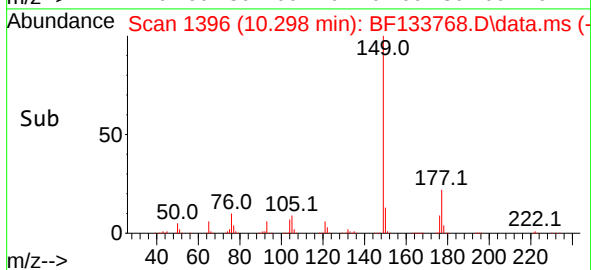
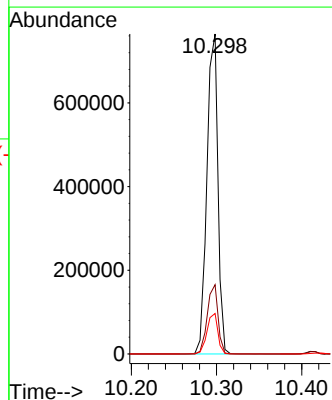
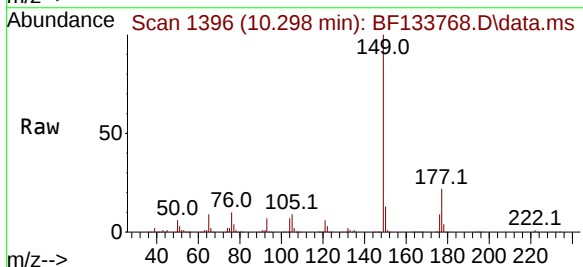
Instrument :
BNA_F
ClientSampleId :
PB153397BS

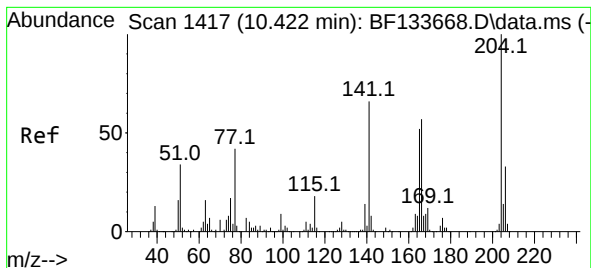
Tgt Ion:232 Resp: 174774
Ion Ratio Lower Upper
232 100
131 47.3 38.0 57.0
130 2.1 1.8 2.8
166 30.6 24.2 36.4



#60
Diethylphthalate
Concen: 40.455 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:149 Resp: 684940
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.6
150 12.6 10.0 15.0

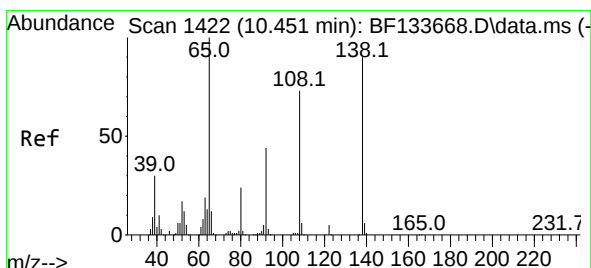
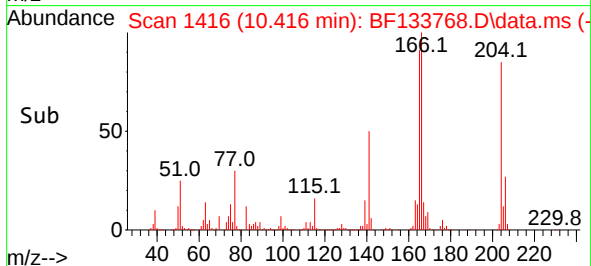
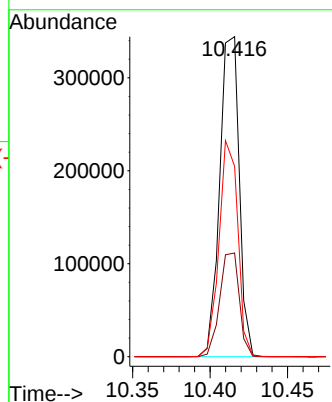
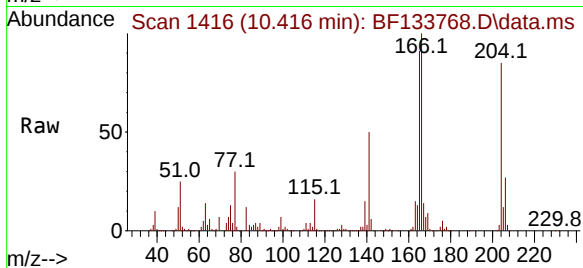




#61
4-Chlorophenyl-phenylether
Concen: 39.986 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

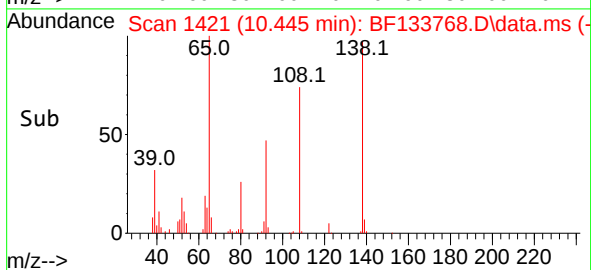
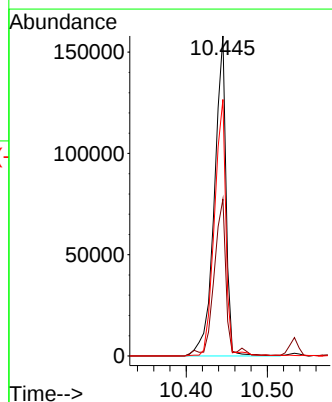
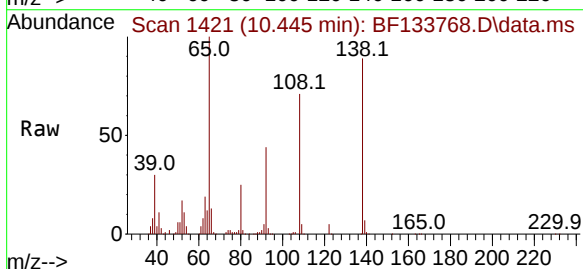
Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion:204 Resp: 302575
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 59.5 52.8 79.2



#62
4-Nitroaniline
Concen: 38.606 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:138 Resp: 158169
Ion Ratio Lower Upper
138 100
92 49.0 28.9 68.9
108 80.1 61.0 101.0





#63

Azobenzene

Concen: 40.993 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

Tgt Ion: 77 Resp: 657037

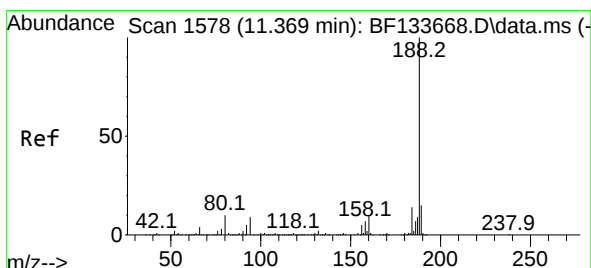
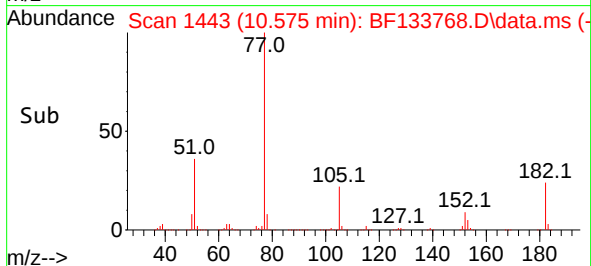
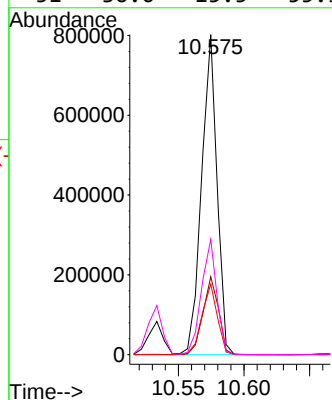
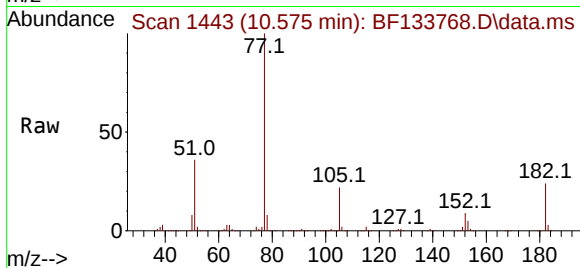
Ion Ratio Lower Upper

77 100

182 24.4 1.6 41.6

105 22.0 1.6 41.6

51 36.0 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

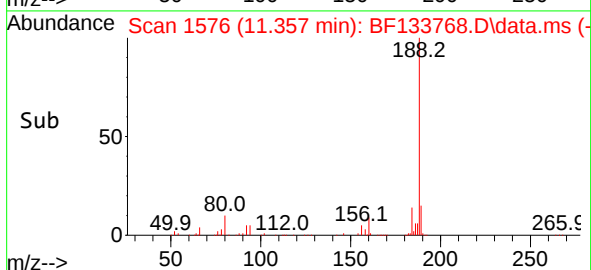
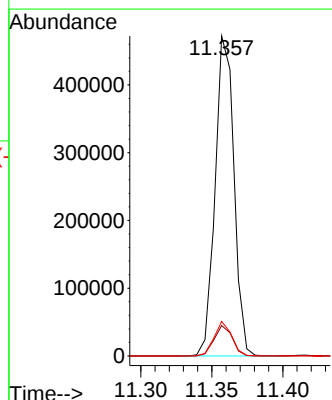
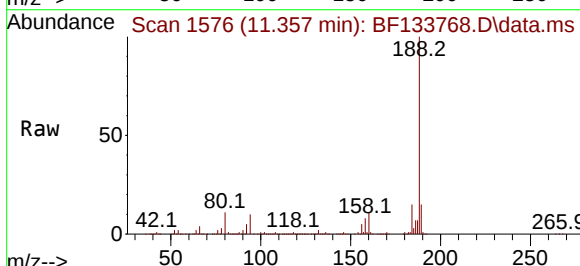
Tgt Ion: 188 Resp: 435143

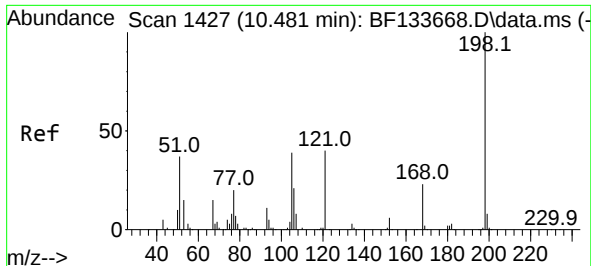
Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

80 10.8 7.8 11.6

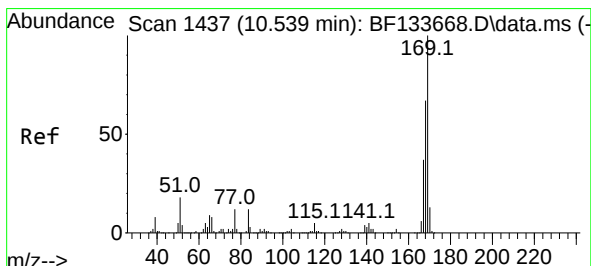
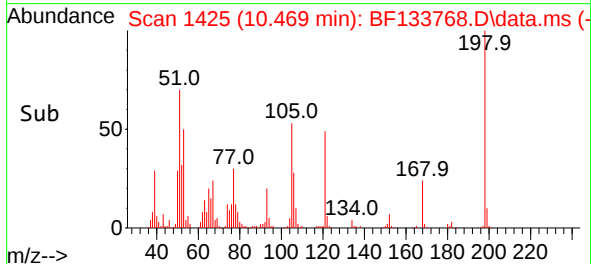
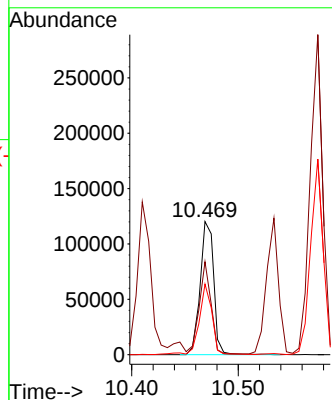
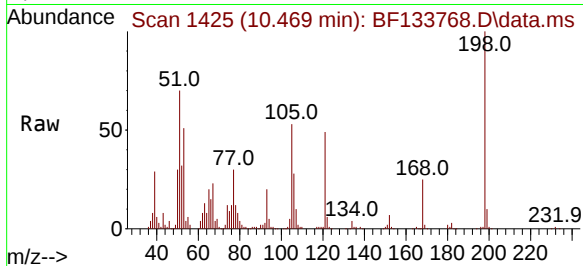




#65
4,6-Dinitro-2-methylphenol
Concen: 51.281 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

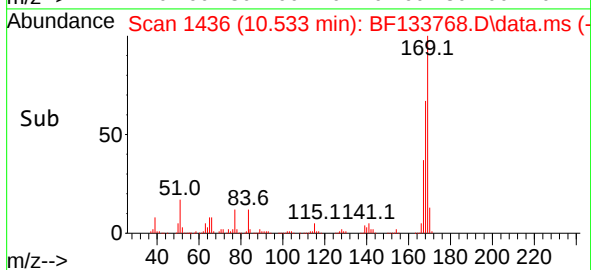
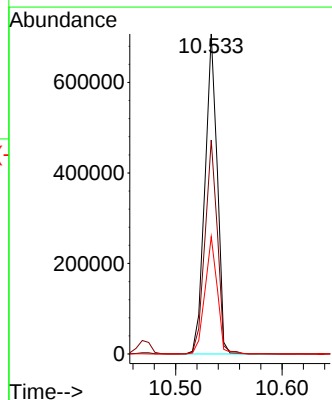
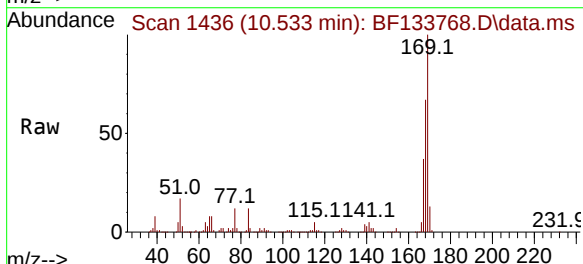
Instrument :
BNA_F
ClientSampleId :
PB153397BS

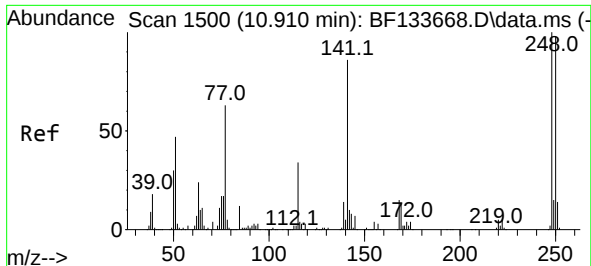
Tgt Ion:198 Resp: 106630
Ion Ratio Lower Upper
198 100
51 69.9 27.5 67.5#
105 53.0 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 38.862 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:169 Resp: 568025
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.7 29.8 44.8

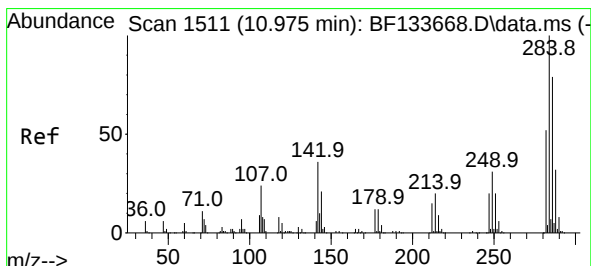
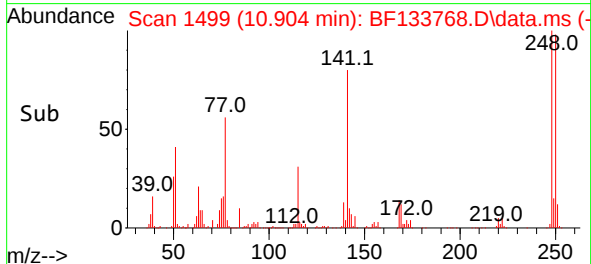
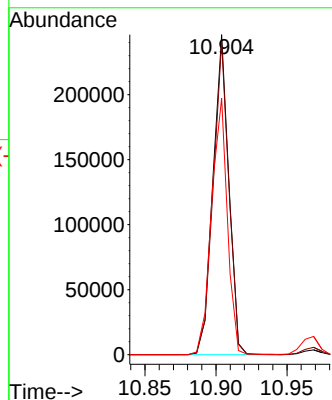
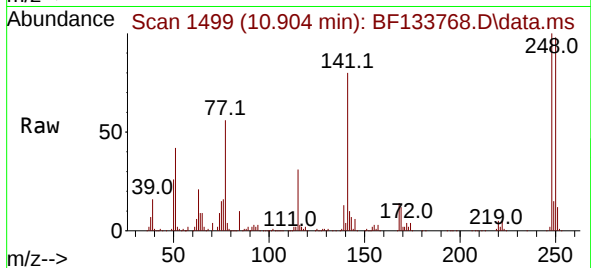




#67
4-Bromophenyl-phenylether
Concen: 39.171 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

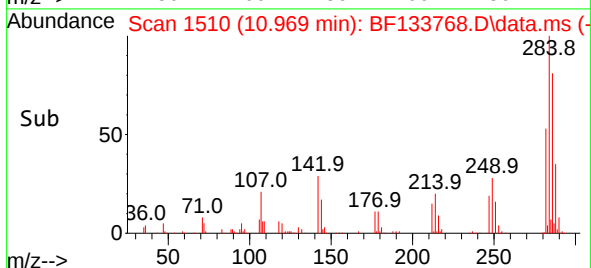
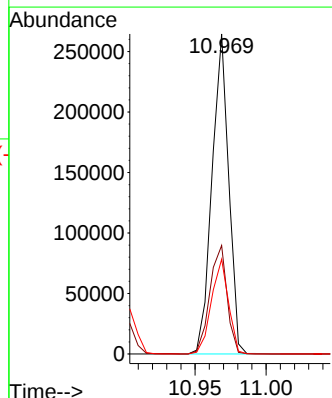
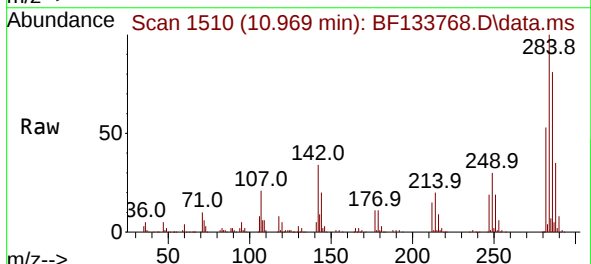
Instrument :
BNA_F
ClientSampleId :
PB153397BS

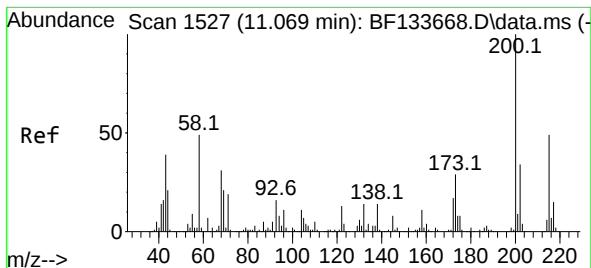
Tgt Ion:248 Resp: 190243
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 80.2 69.0 103.6



#68
Hexachlorobenzene
Concen: 42.201 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:284 Resp: 215530
Ion Ratio Lower Upper
284 100
142 33.9 28.6 42.8
249 29.6 24.6 36.8





#69

Atrazine

Concen: 44.692 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

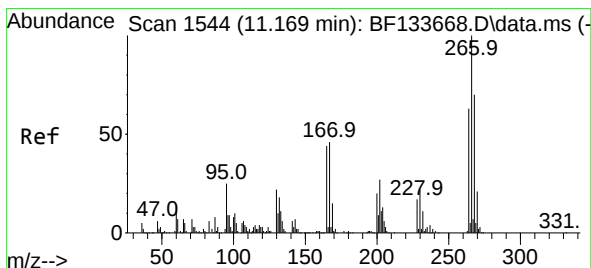
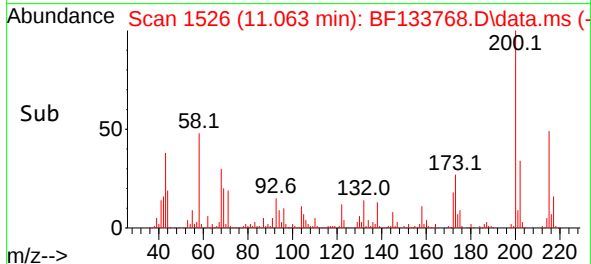
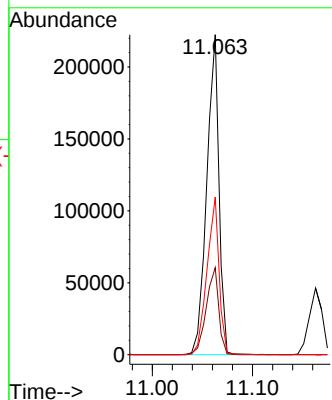
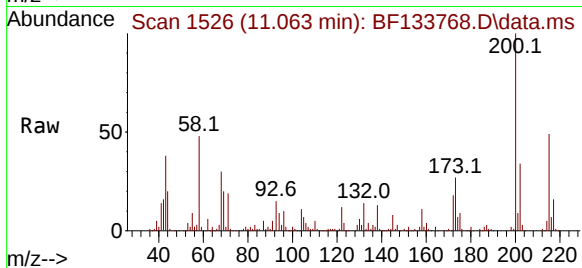
Tgt Ion:200 Resp: 189539

Ion Ratio Lower Upper

200 100

173 27.2 8.7 48.7

215 49.2 29.0 69.0



#70

Pentachlorophenol

Concen: 74.736 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

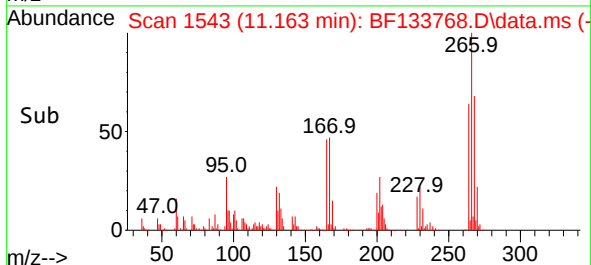
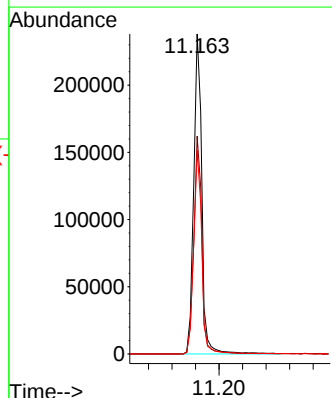
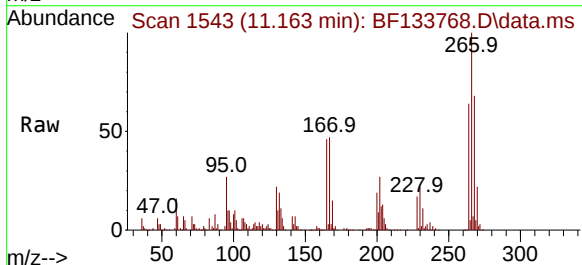
Tgt Ion:266 Resp: 228562

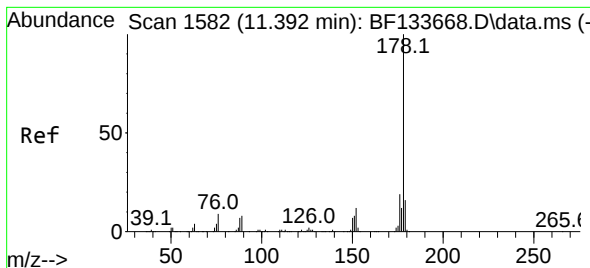
Ion Ratio Lower Upper

266 100

268 68.1 55.7 83.5

264 63.6 50.7 76.1





#71

Phenanthrene

Concen: 41.301 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

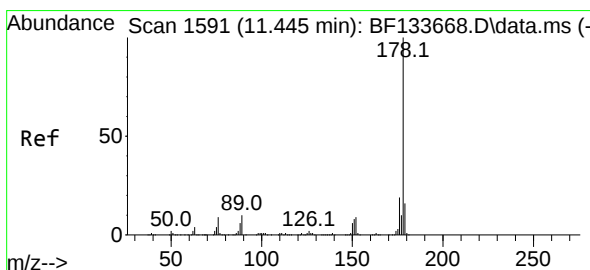
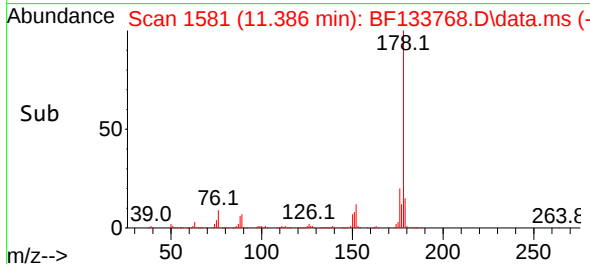
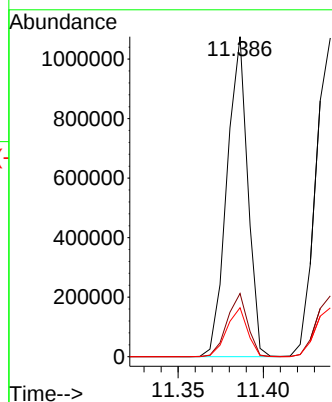
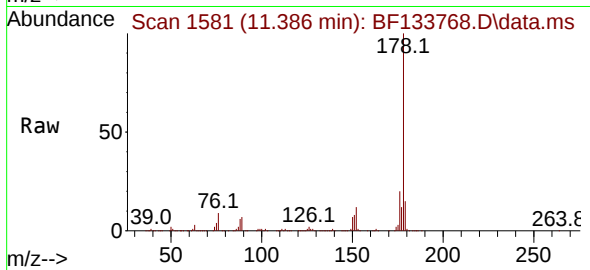
Tgt Ion:178 Resp: 911796

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 15.3 12.4 18.6



#72

Anthracene

Concen: 40.232 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

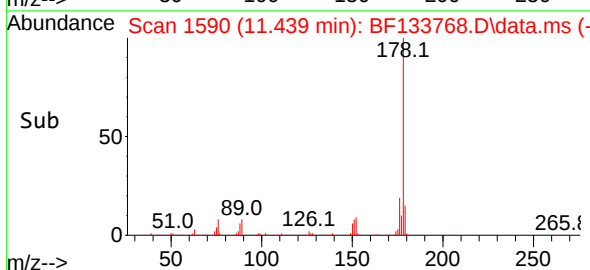
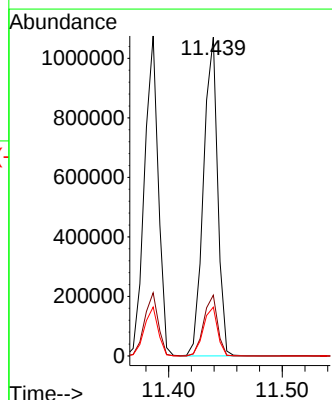
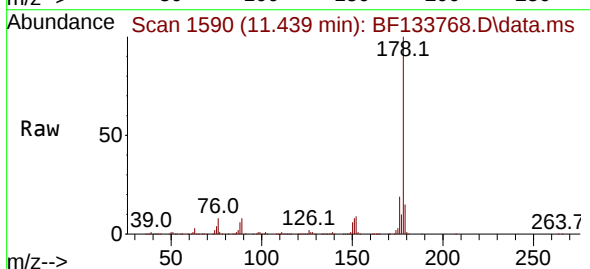
Tgt Ion:178 Resp: 926110

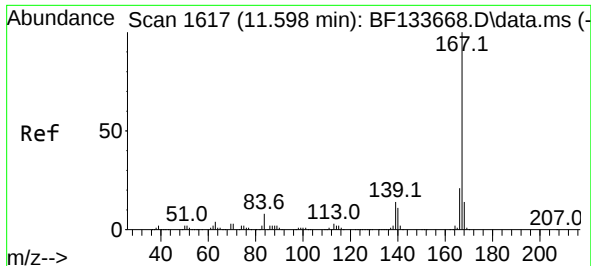
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

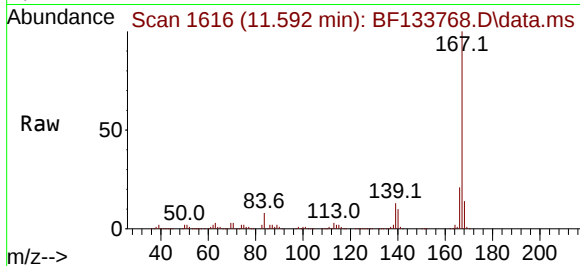
179 15.3 12.6 18.8



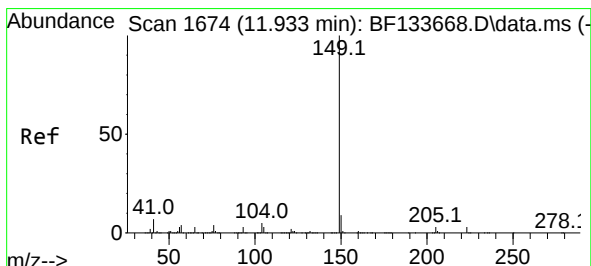
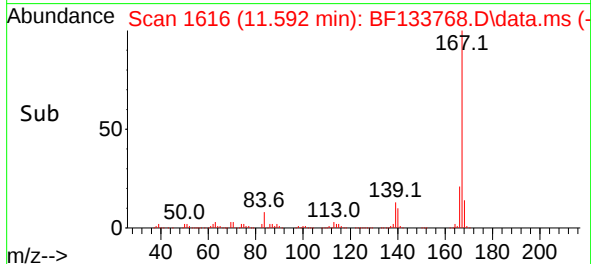
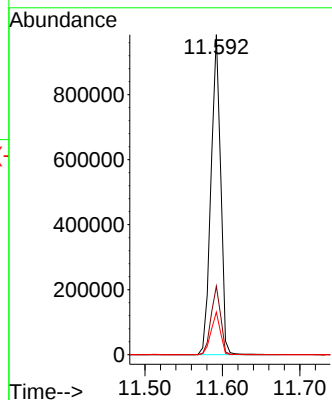


#73
 Carbazole
 Concen: 39.655 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

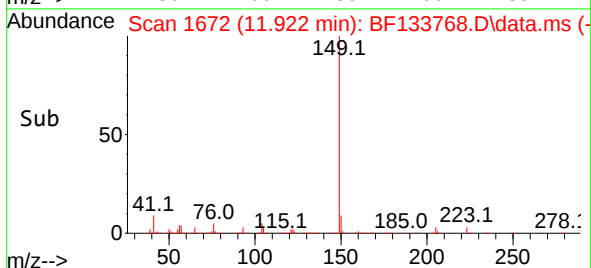
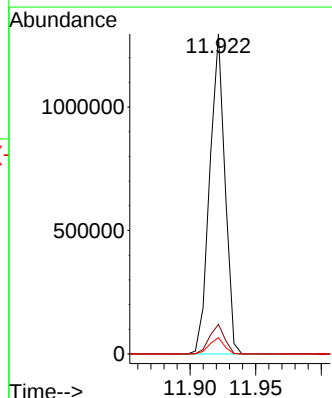
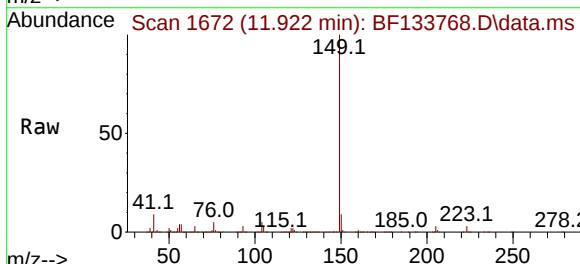


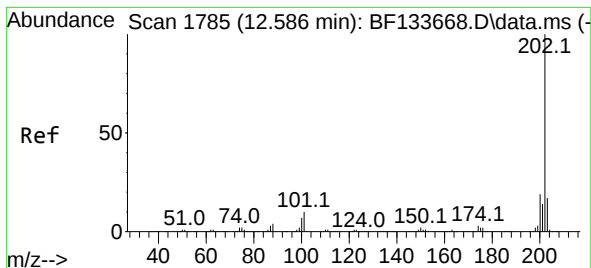
Tgt Ion:167 Resp: 850191
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.3 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 38.131 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Tgt Ion:149 Resp: 1048035
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 3.8 5.8





#75

Fluoranthene

Concen: 39.858 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

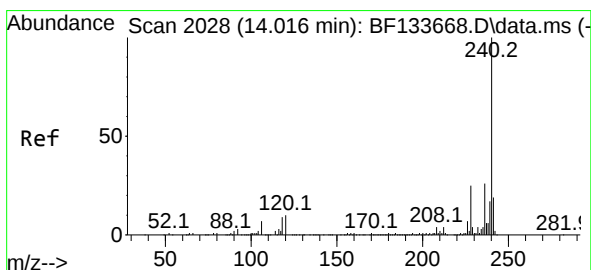
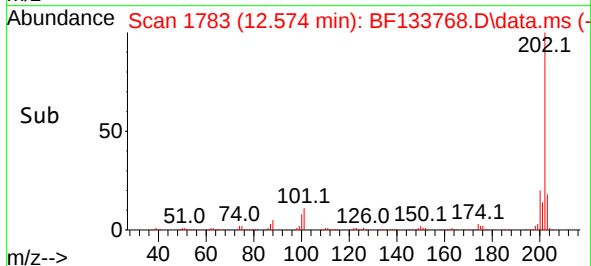
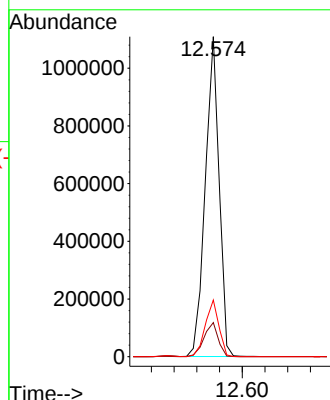
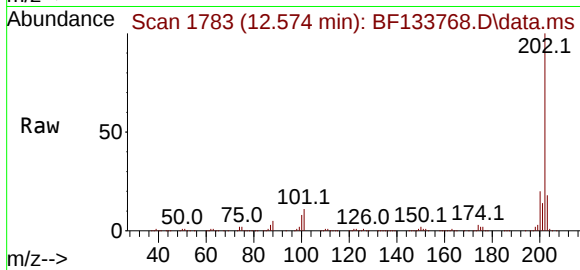
Tgt Ion:202 Resp: 934452

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.6

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

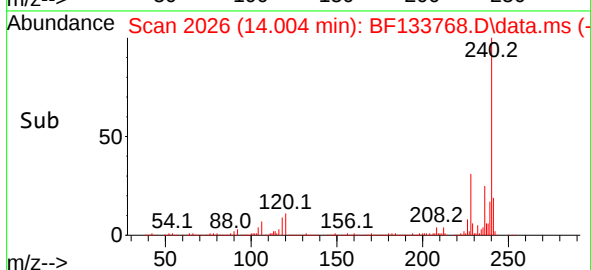
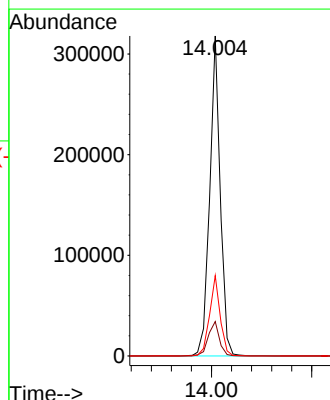
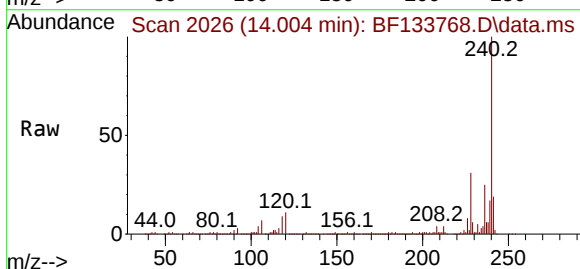
Tgt Ion:240 Resp: 232955

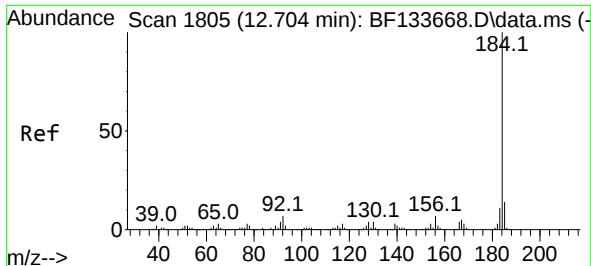
Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

236 25.1 20.5 30.7

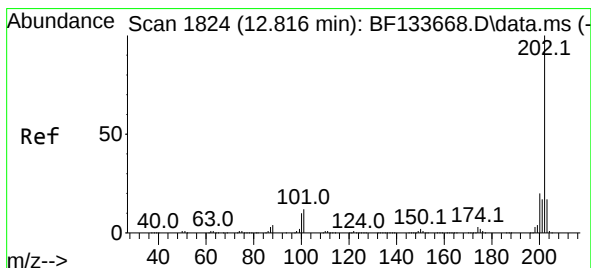
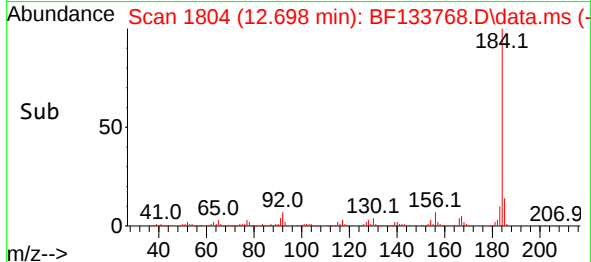
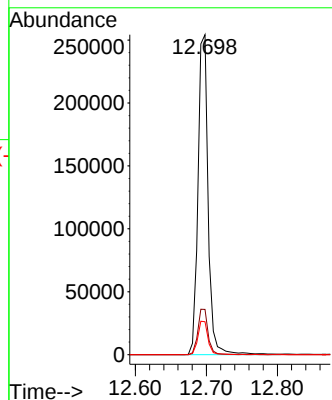
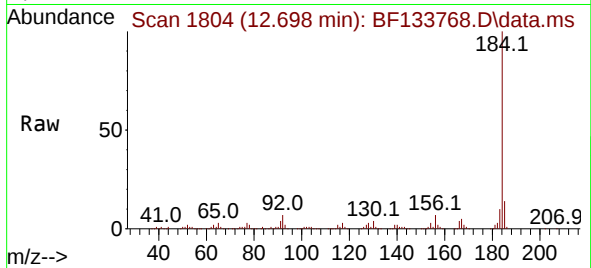




#77
Benzidine
Concen: 32.364 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

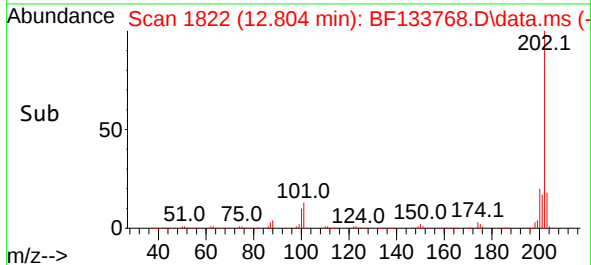
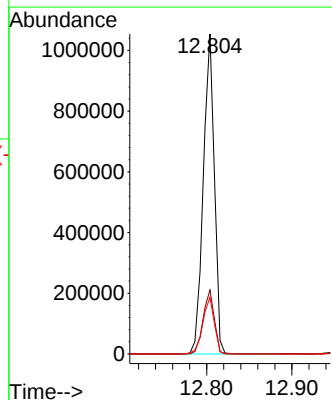
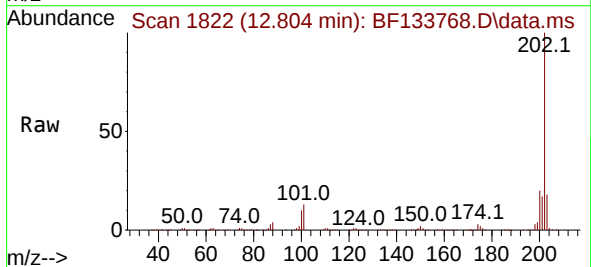
Instrument :
BNA_F
ClientSampleId :
PB153397BS

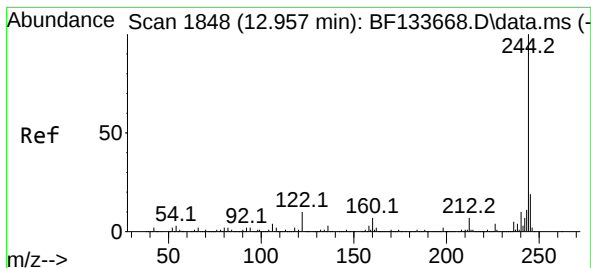
Tgt Ion:184 Resp: 252991
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.3 8.4 12.6



#78
Pyrene
Concen: 43.778 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:202 Resp: 950009
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 107.712 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

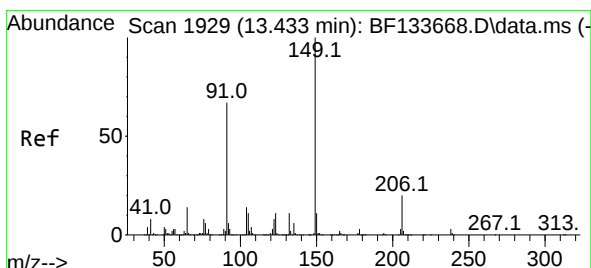
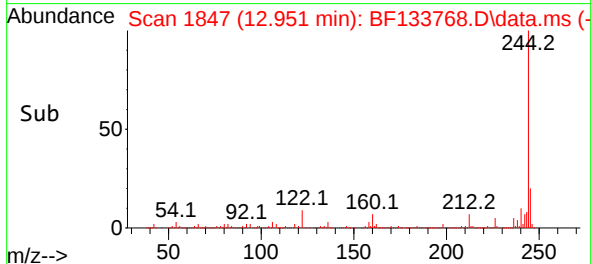
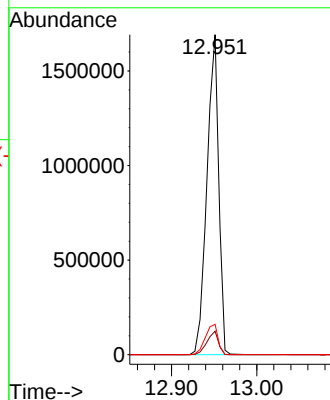
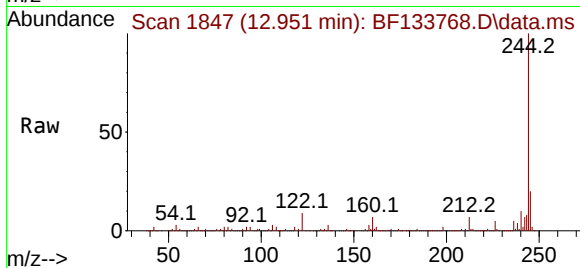
Tgt Ion:244 Resp: 1621617

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.5 8.1 12.1



#80

Butylbenzylphthalate

Concen: 38.736 ng

RT: 13.421 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

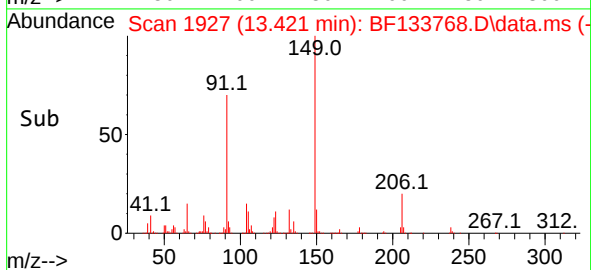
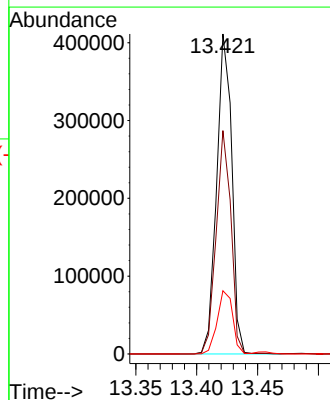
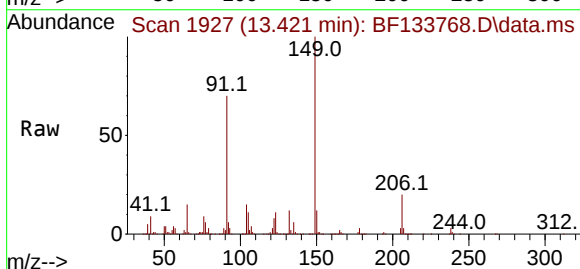
Tgt Ion:149 Resp: 354872

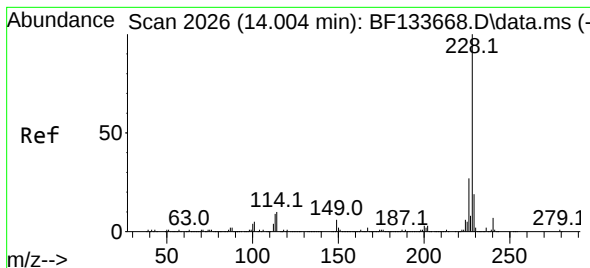
Ion Ratio Lower Upper

149 100

91 69.8 54.0 81.0

206 19.7 15.6 23.4





#81

Benzo(a)anthracene

Concen: 41.452 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

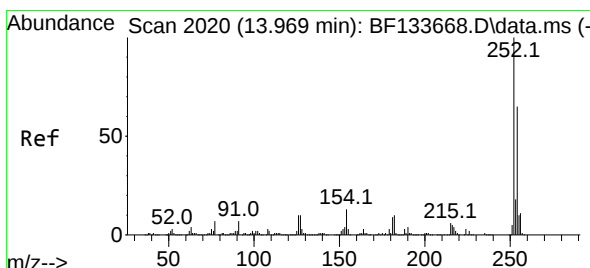
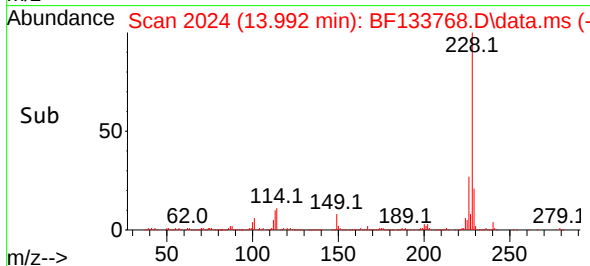
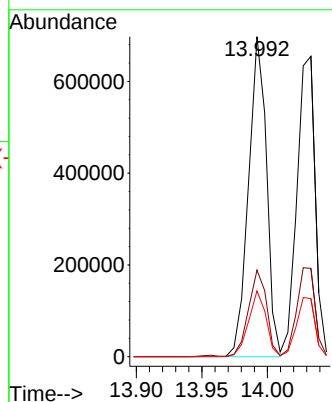
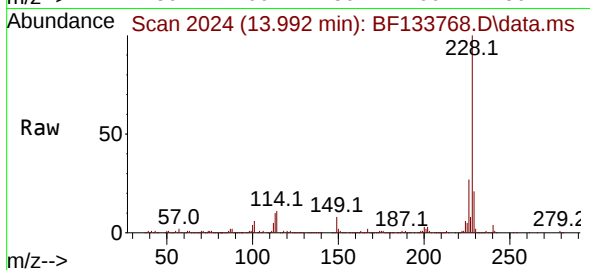
Tgt Ion:228 Resp: 667939

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 20.5 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 24.974 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

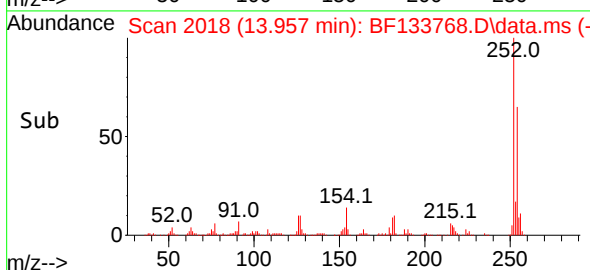
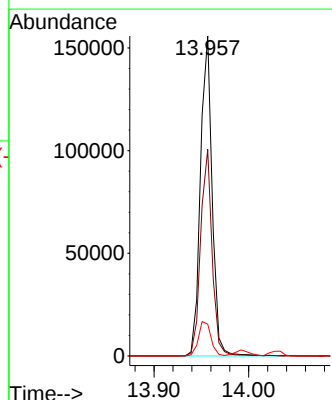
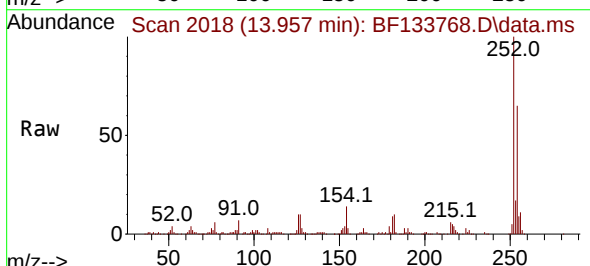
Tgt Ion:252 Resp: 133788

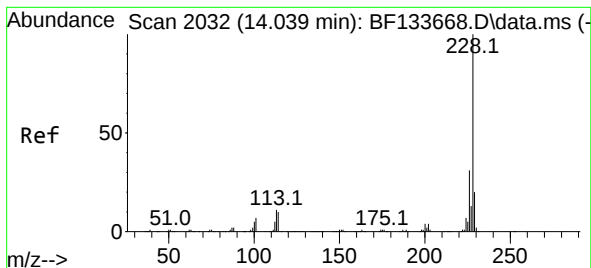
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 9.9 7.7 11.5





#83

Chrysene

Concen: 41.592 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

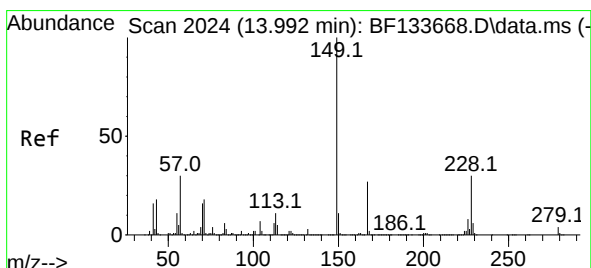
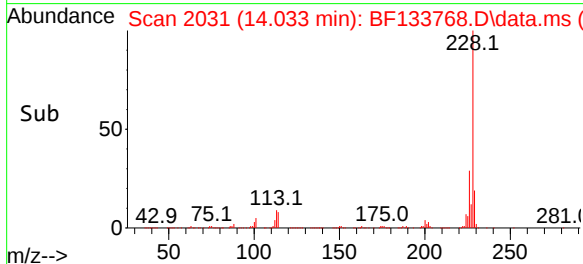
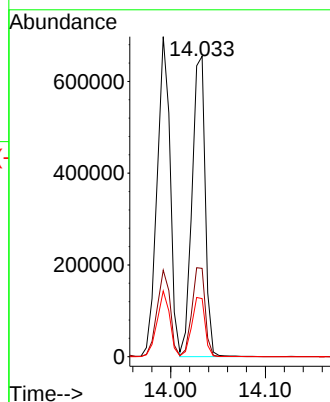
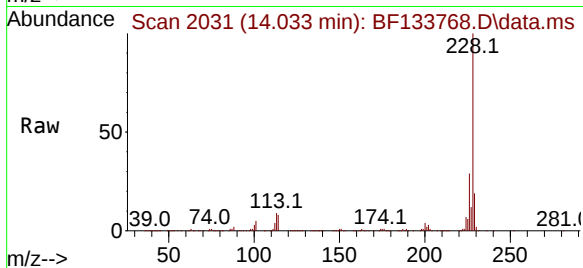
Tgt Ion:228 Resp: 633879

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.554 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

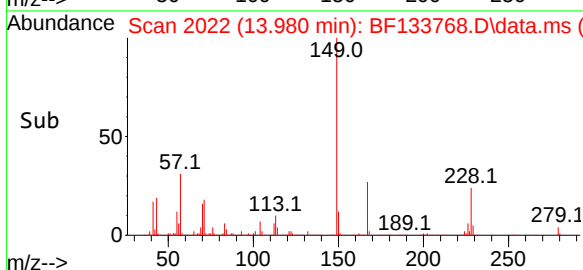
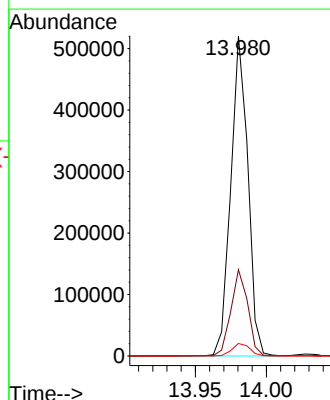
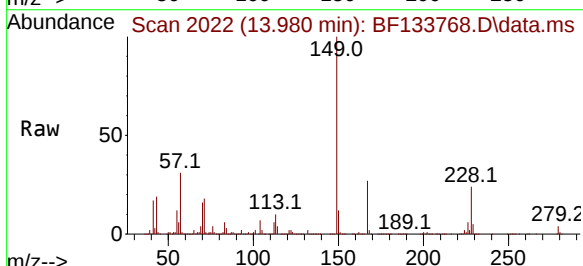
Tgt Ion:149 Resp: 434893

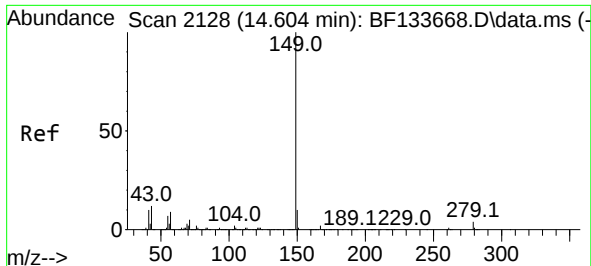
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.9 3.3 4.9

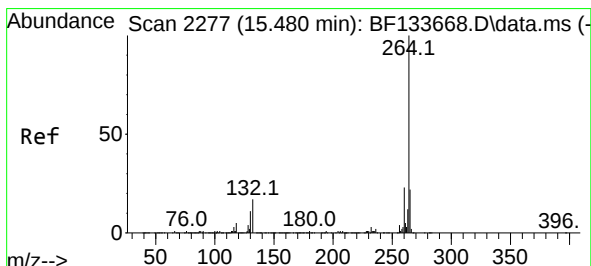
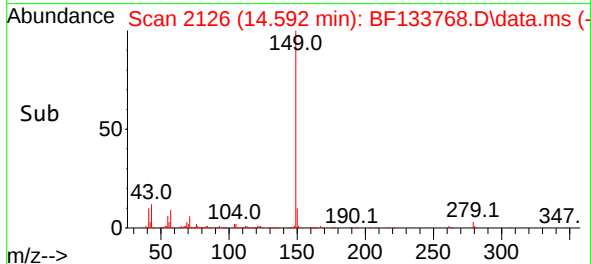
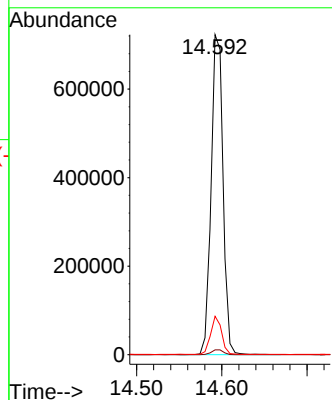
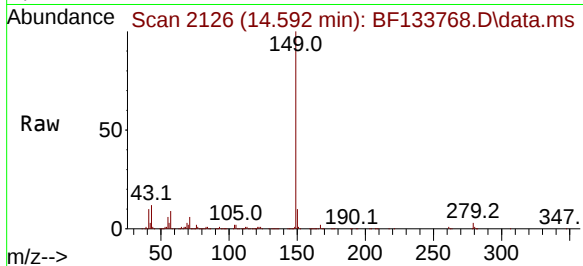




#85
Di-n-octyl phthalate
Concen: 43.836 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

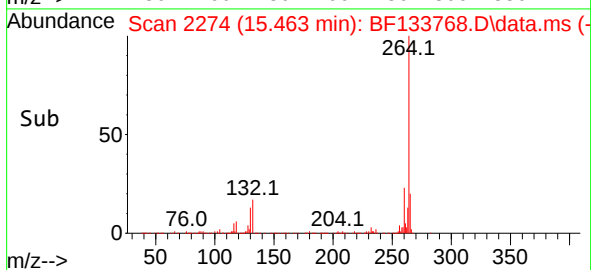
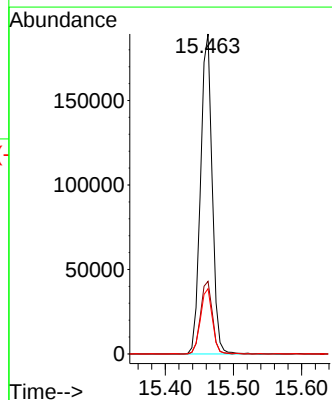
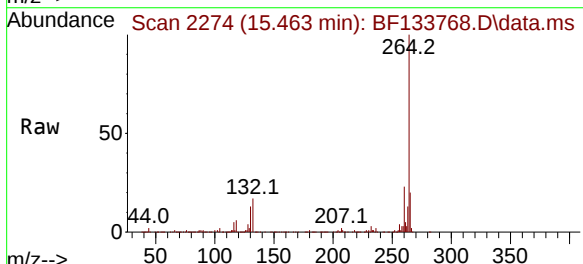
Instrument :
BNA_F
ClientSampleId :
PB153397BS

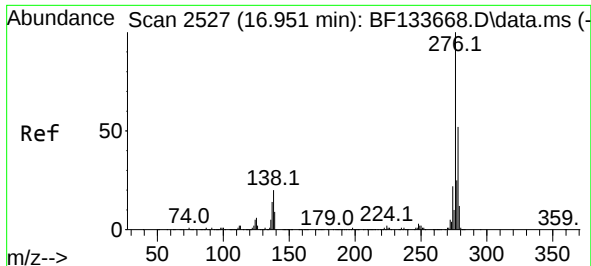
Tgt Ion:149 Resp: 702685
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.0 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF133768.D
Acq: 15 Jun 2023 11:19

Tgt Ion:264 Resp: 223978
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 20.4 17.8 26.6

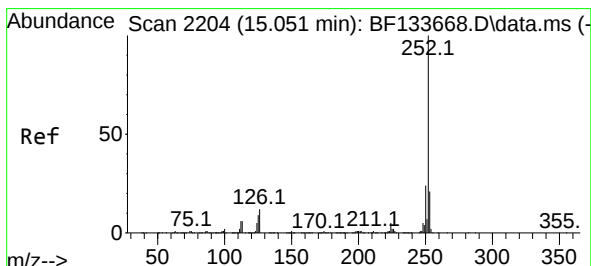
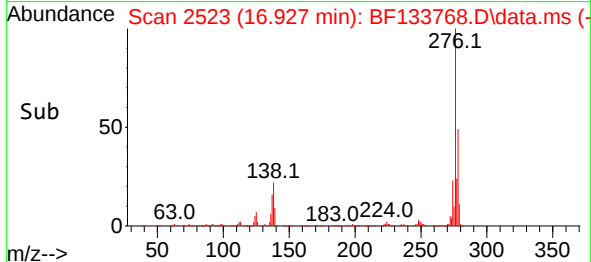
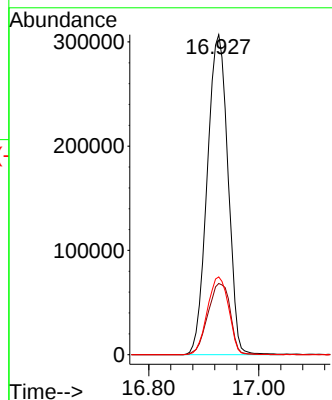
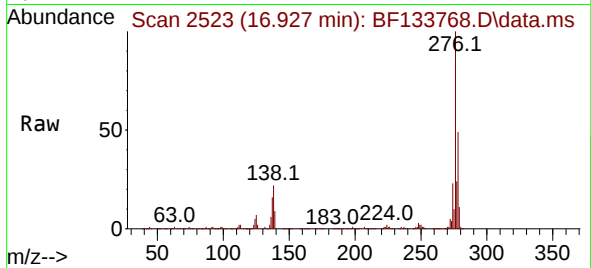




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.132 ng
 RT: 16.927 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

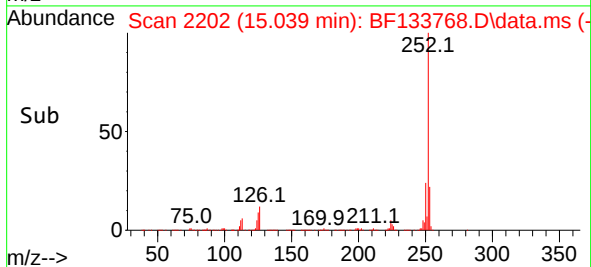
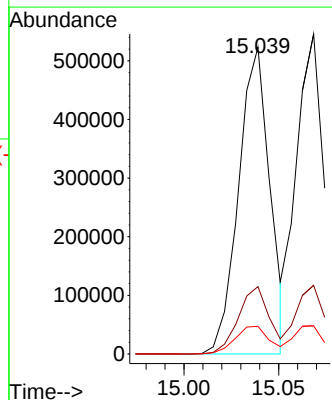
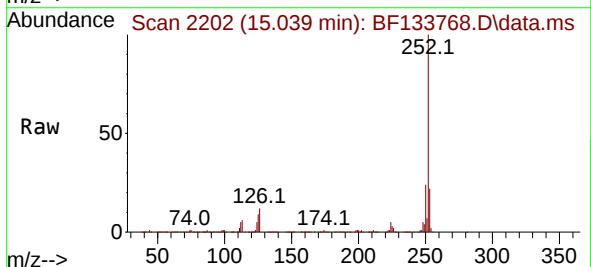
Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

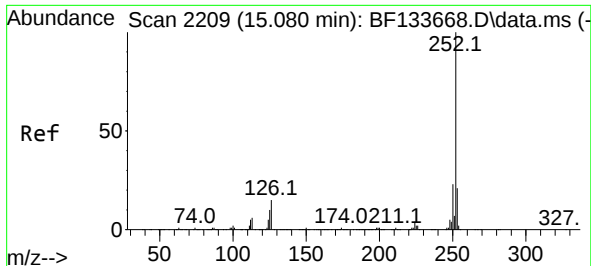
Tgt Ion:276 Resp: 803304
 Ion Ratio Lower Upper
 276 100
 138 24.1 17.9 26.9
 277 25.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 44.162 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. -0.006 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Tgt Ion:252 Resp: 600853
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.6
 125 9.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 41.559 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

Instrument :

BNA_F

ClientSampleId :

PB153397BS

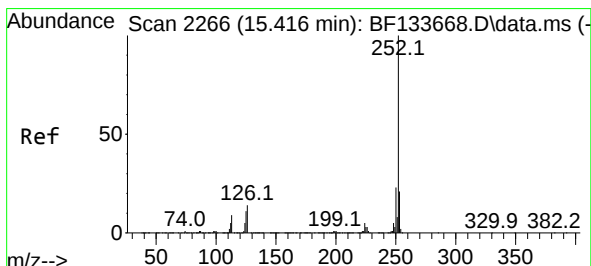
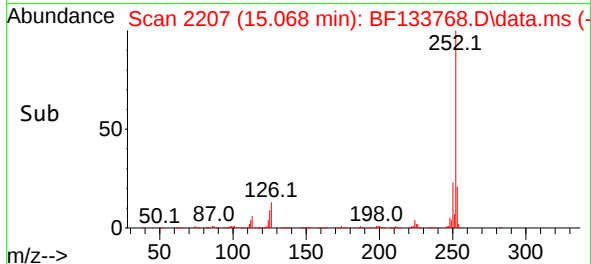
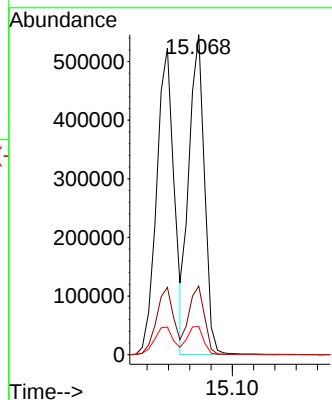
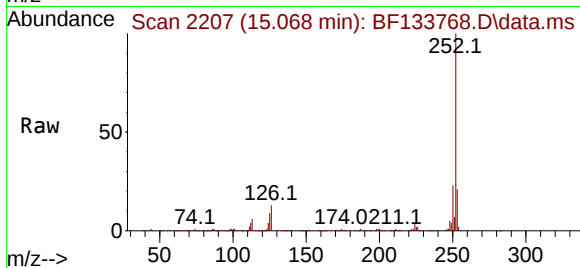
Tgt Ion:252 Resp: 550807

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 8.8 7.8 11.6



#90

Benzo(a)pyrene

Concen: 41.589 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF133768.D

Acq: 15 Jun 2023 11:19

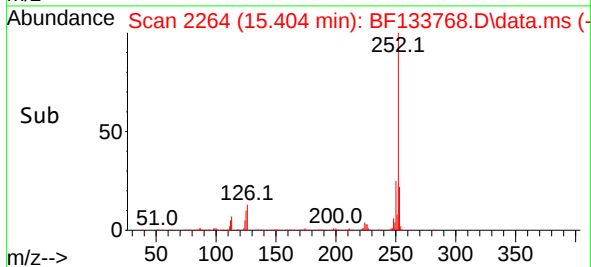
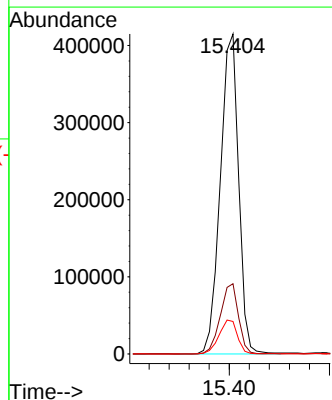
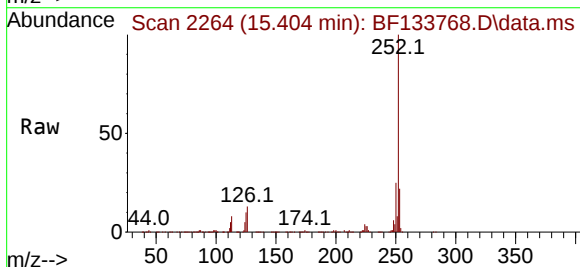
Tgt Ion:252 Resp: 525156

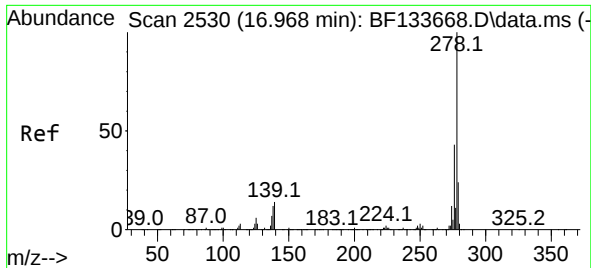
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.1 8.6 13.0

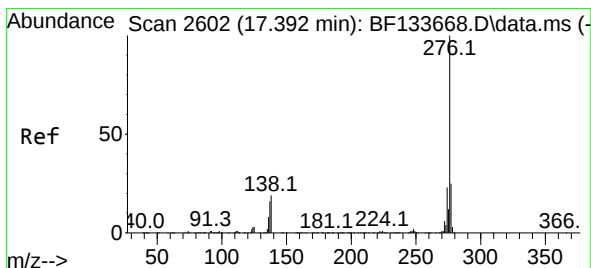
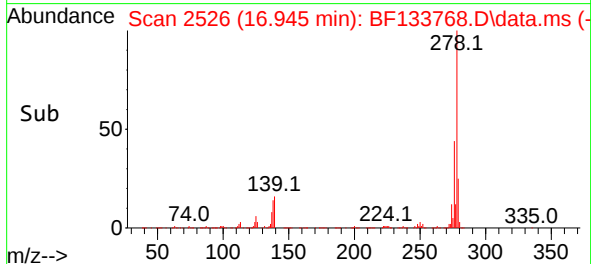
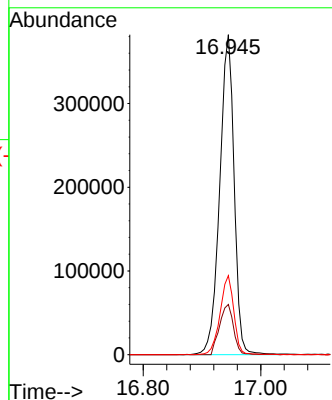
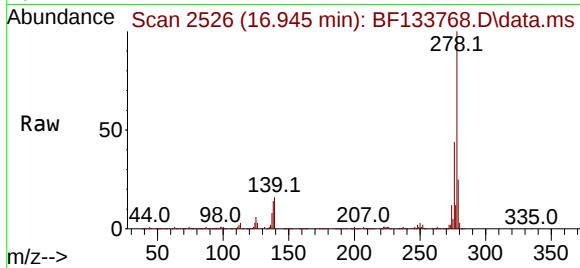




#91
 Dibenzo(a,h)anthracene
 Concen: 51.149 ng
 RT: 16.945 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Tgt Ion:278 Resp: 652513
 Ion Ratio Lower Upper
 278 100
 139 15.7 11.4 17.2
 279 24.7 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 52.216 ng
 RT: 17.368 min Scan# 2598
 Delta R.T. -0.012 min
 Lab File: BF133768.D
 Acq: 15 Jun 2023 11:19

Tgt Ion:276 Resp: 660447
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.8 29.8
 138 20.8 15.0 22.4

