

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133798.D
 Acq On : 16 Jun 2023 03:42
 Operator : CG\JU
 Sample : 03221-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MS

Quant Time: Jun 16 05:32:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	106471	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	413103	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	185750	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	237432	20.000	ng	0.00
76) Chrysene-d12	14.004	240	174639	20.000	ng	0.00
86) Perylene-d12	15.462	264	207086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	429614	70.246	ng	0.00
7) Phenol-d6	6.463	99	522961	65.692	ng	0.00
23) Nitrobenzene-d5	7.392	82	346102	45.633	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	123185	52.391	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	651971	49.894	ng	0.00
79) Terphenyl-d14	12.939	244	417662	37.006	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	107403	39.945	ng	98
3) Pyridine	3.351	79	278505	35.537	ng	96
4) n-Nitrosodimethylamine	3.310	42	193049	44.564	ng	96
6) Aniline	6.492	93	412965	41.186	ng	99
8) 2-Chlorophenol	6.616	128	325360	50.481	ng	94
9) Benzaldehyde	6.381	77	183864	34.812	ng	96
10) Phenol	6.475	94	403269	48.513	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	292767	47.441	ng	95
12) 1,3-Dichlorobenzene	6.769	146	344232	49.988	ng	97
13) 1,4-Dichlorobenzene	6.851	146	343416	49.341	ng	96
14) 1,2-Dichlorobenzene	6.998	146	333219	52.984	ng	99
15) Benzyl Alcohol	6.975	79	294697	47.397	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	541786	51.790	ng	98
17) 2-Methylphenol	7.087	107	257687	45.108	ng	98
18) Hexachloroethane	7.345	117	129682	54.425	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	221878	43.806	ng	97
20) 3+4-Methylphenols	7.239	107	309399	41.633	ng	# 87
22) Acetophenone	7.245	105	433169	45.718	ng	# 94
24) Nitrobenzene	7.416	77	350710	45.922	ng	100
25) Isophorone	7.657	82	621040	44.601	ng	98
26) 2-Nitrophenol	7.734	139	176513	51.500	ng	92
27) 2,4-Dimethylphenol	7.769	122	280406	47.466	ng	97
28) bis(2-Chloroethoxy)met...	7.863	93	343402	42.671	ng	99
29) 2,4-Dichlorophenol	7.975	162	263415	45.496	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	285337	47.235	ng	97
31) Naphthalene	8.139	128	901221	44.778	ng	100
32) Benzoic acid	7.875	122	118426	31.785	ng	91
33) 4-Chloroaniline	8.186	127	285261	33.148	ng	97
34) Hexachlorobutadiene	8.251	225	176014	44.504	ng	99
35) Caprolactam	8.563	113	68572	35.197	ng	87
36) 4-Chloro-3-methylphenol	8.663	107	275763	41.320	ng	99
37) 2-Methylnaphthalene	8.828	142	591821	42.321	ng	99
38) 1-Methylnaphthalene	8.928	142	544932	42.348	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	274035	48.528	ng	98
41) Hexachlorocyclopentadiene	8.980	237	281504	111.865	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	177169	46.951	ng	99

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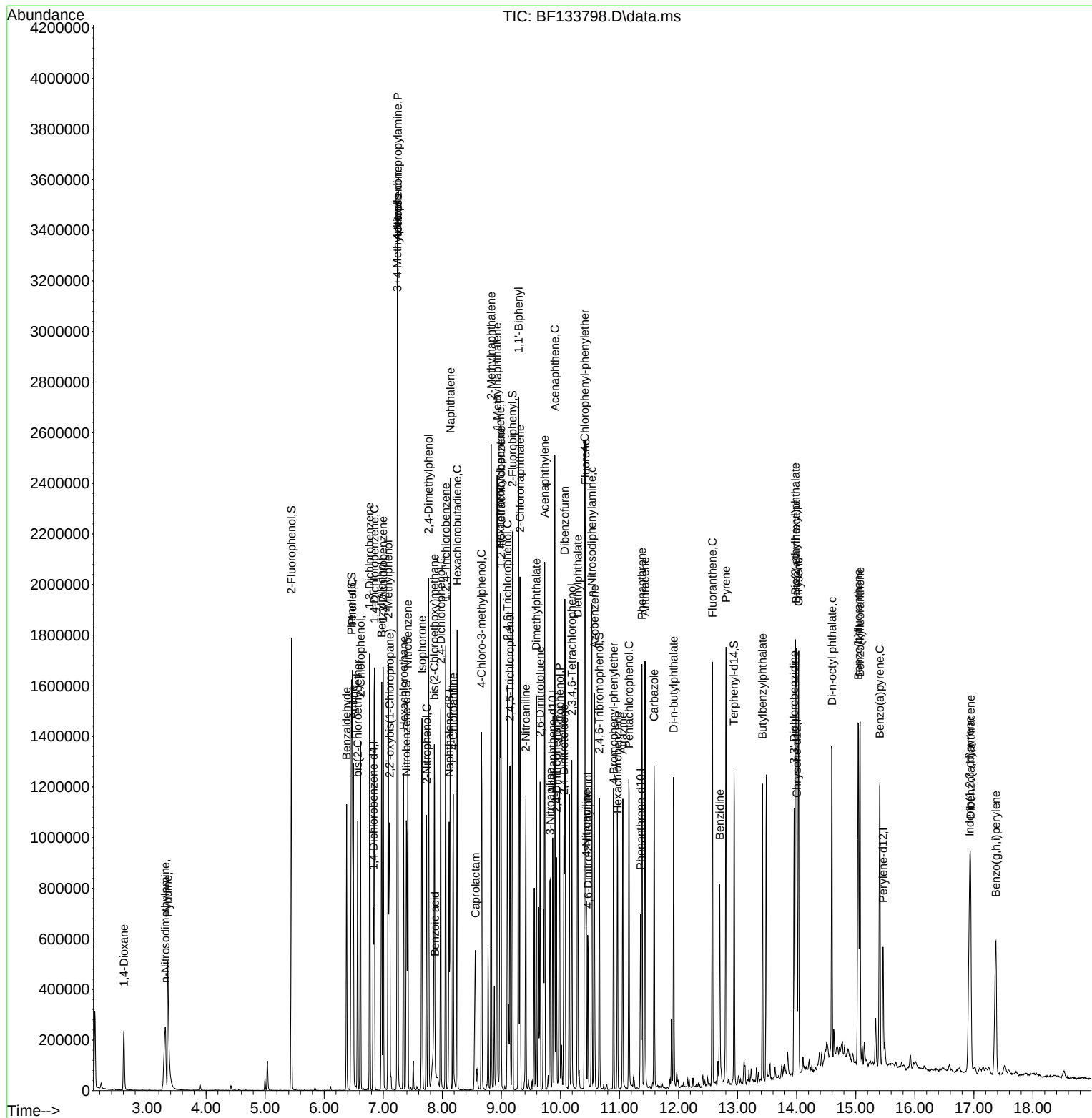
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	169491	38.608	ng	99
46) 1,1'-Biphenyl	9.292	154	726755	48.512	ng	99
47) 2-Chloronaphthalene	9.316	162	522741	48.645	ng	99
48) 2-Nitroaniline	9.416	65	177245	45.099	ng	97
49) Acenaphthylene	9.733	152	793863	42.444	ng	100
50) Dimethylphthalate	9.592	163	558082	40.252	ng	99
51) 2,6-Dinitrotoluene	9.657	165	119892	41.894	ng	# 86
52) Acenaphthene	9.904	154	492293	44.967	ng	99
53) 3-Nitroaniline	9.828	138	126516	36.328	ng	97
54) 2,4-Dinitrophenol	9.933	184	103631	74.525	ng	99
55) Dibenzofuran	10.075	168	739374	44.260	ng	98
56) 4-Nitrophenol	9.986	139	176066	74.909	ng	87
57) 2,4-Dinitrotoluene	10.063	165	158798	43.630	ng	86
58) Fluorene	10.422	166	541758	42.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	135808	41.320	ng	99
60) Diethylphthalate	10.292	149	553413	39.219	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	264194	41.891	ng	100
62) 4-Nitroaniline	10.439	138	115653	33.870	ng	99
63) Azobenzene	10.575	77	563717	42.199	ng	95
65) 4,6-Dinitro-2-methylph...	10.469	198	69789	61.512	ng	99
66) n-Nitrosodiphenylamine	10.533	169	470855	59.039	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	132432	49.973	ng	93
68) Hexachlorobenzene	10.969	284	139920	50.209	ng	# 90
69) Atrazine	11.057	200	112484	48.609	ng	99
70) Pentachlorophenol	11.163	266	135952	81.471	ng	97
71) Phenanthrene	11.380	178	598355	49.672	ng	100
72) Anthracene	11.433	178	576226	45.877	ng	99
73) Carbazole	11.586	167	510615	43.649	ng	99
74) Di-n-butylphthalate	11.916	149	594550	39.644	ng	99
75) Fluoranthene	12.574	202	668152	52.231	ng	99
77) Benzidine	12.698	184	311688	53.187	ng	98
78) Pyrene	12.804	202	694464	42.688	ng	99
80) Butylbenzylphthalate	13.421	149	241031	35.095	ng	99
81) Benzo(a)anthracene	13.992	228	635293	52.591	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	200523	49.930	ng	99
83) Chrysene	14.033	228	621236	54.373	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	338456	40.024	ng	98
85) Di-n-octyl phthalate	14.598	149	632992	52.675	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.927	276	591834	41.541	ng	100
88) Benzo(b)fluoranthene	15.045	252	755549	60.061	ng	98
89) Benzo(k)fluoranthene	15.074	252	589892	48.139	ng	97
90) Benzo(a)pyrene	15.409	252	599990	51.392	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	451326	38.265	ng	99
92) Benzo(g,h,i)perylene	17.374	276	461580	39.470	ng	99

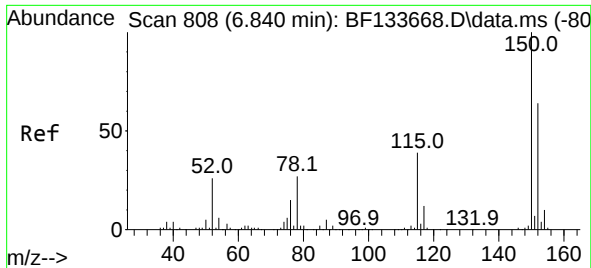
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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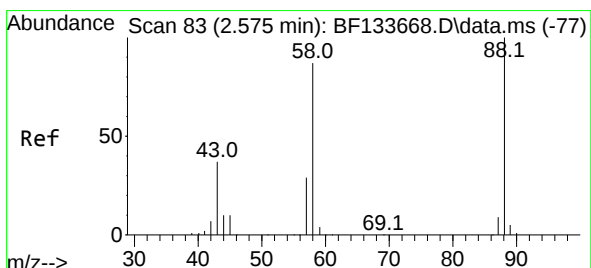
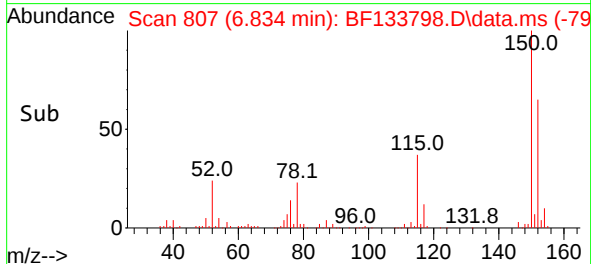
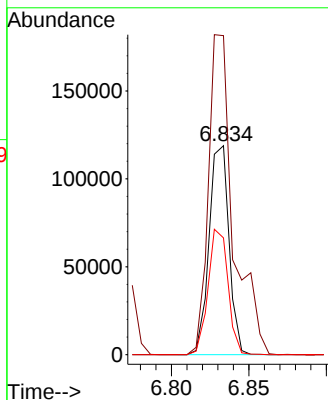
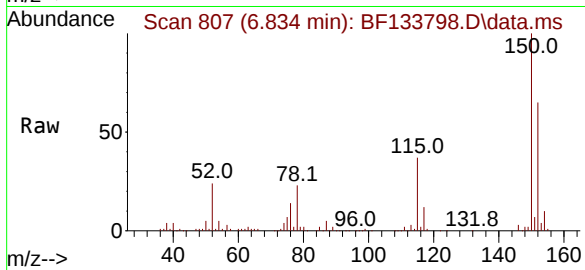




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

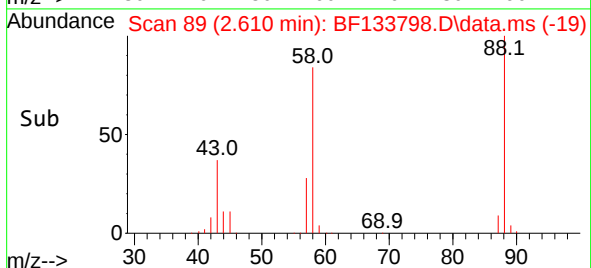
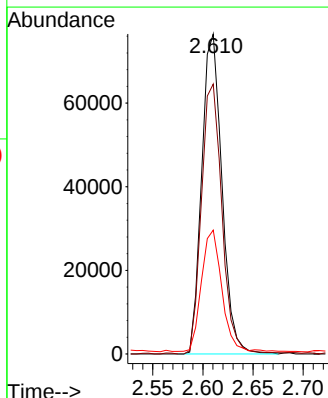
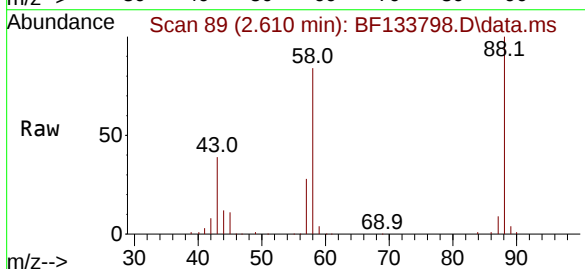
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 BNA_F
 ClientSampleId :
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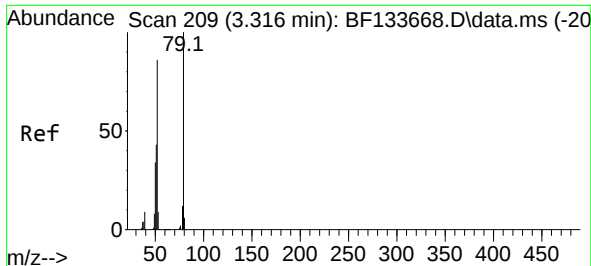
Tgt Ion:152 Resp: 106471
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.3 186.5
 115 55.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.945 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

Tgt Ion: 88 Resp: 107403
 Ion Ratio Lower Upper
 88 100
 58 85.8 67.8 101.6
 43 38.8 29.8 44.6





#3

Pyridine

Concen: 35.537 ng

RT: 3.351 min Scan# 215

Delta R.T. 0.059 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

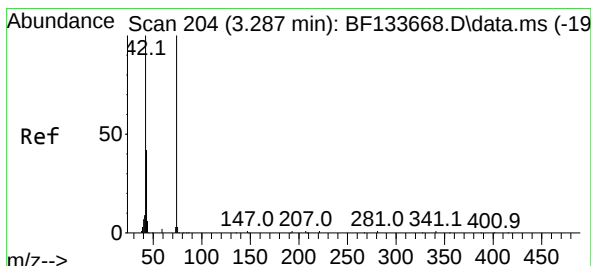
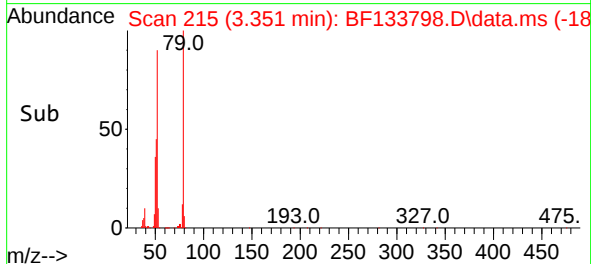
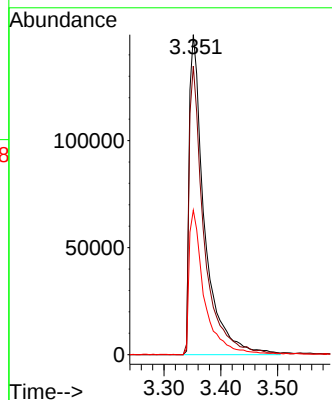
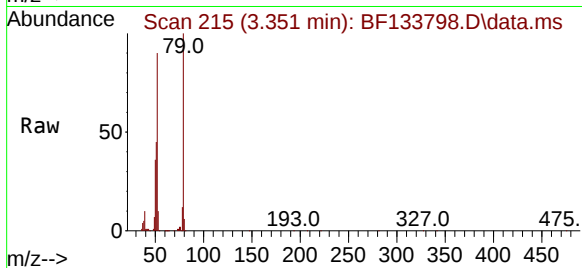
Tgt Ion: 79 Resp: 278505

Ion Ratio Lower Upper

79 100

52 90.2 68.6 102.8

51 45.2 34.8 52.2



#4

n-Nitrosodimethylamine

Concen: 44.564 ng

RT: 3.310 min Scan# 208

Delta R.T. 0.065 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

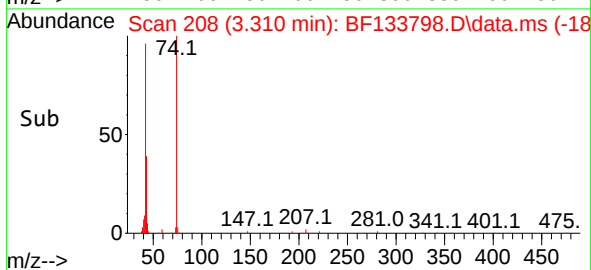
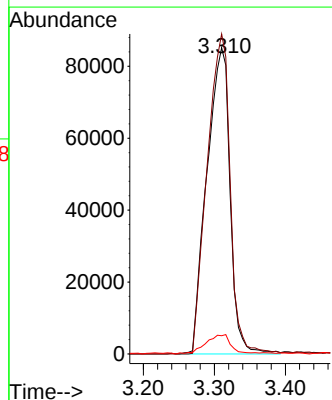
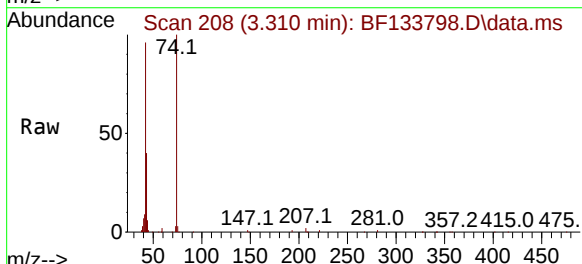
Tgt Ion: 42 Resp: 193049

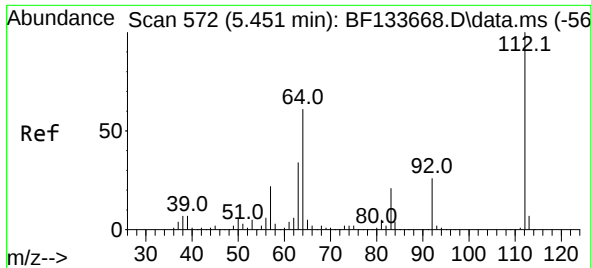
Ion Ratio Lower Upper

42 100

74 104.5 79.8 119.8

44 5.9 4.7 7.1

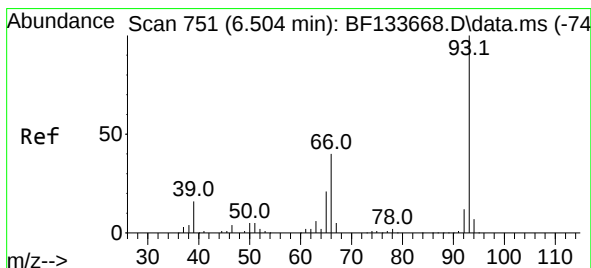
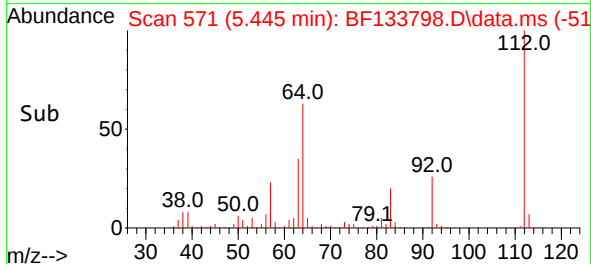
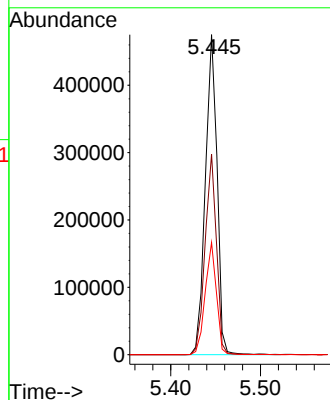
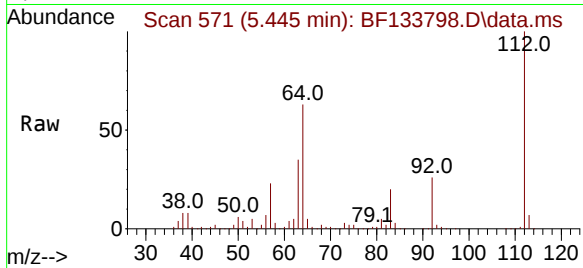




#5
2-Fluorophenol
Concen: 70.246 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

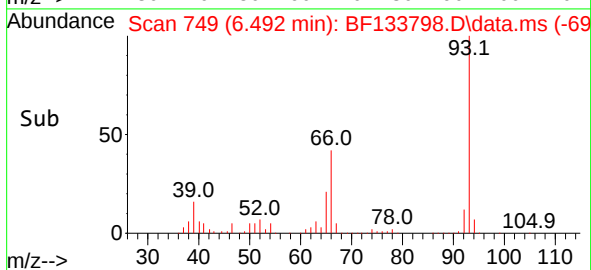
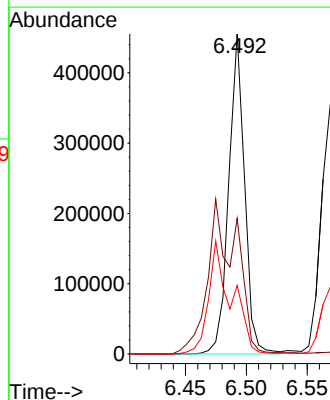
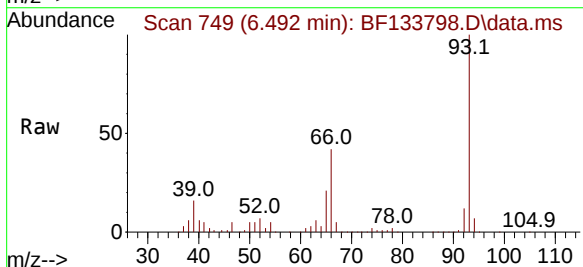
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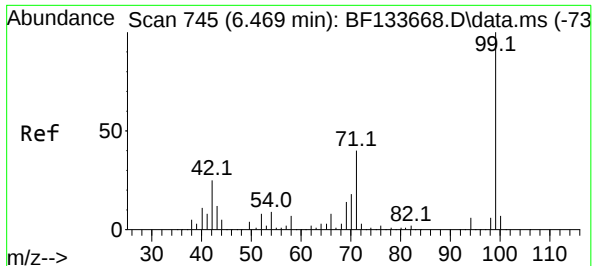
Tgt Ion:112 Resp: 429614
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 35.0 26.8 40.2



#6
Aniline
Concen: 41.186 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion: 93 Resp: 412965
Ion Ratio Lower Upper
93 100
66 42.4 34.4 51.6
65 21.4 17.5 26.3

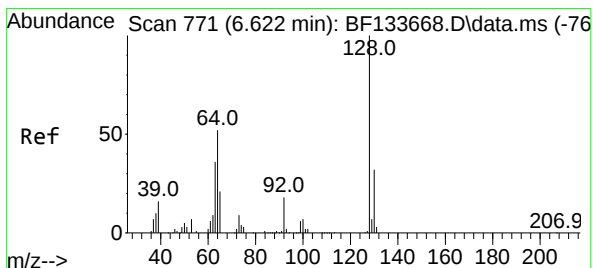
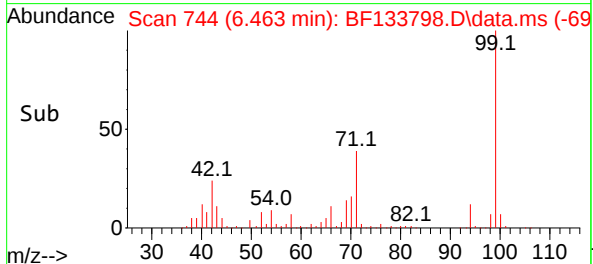
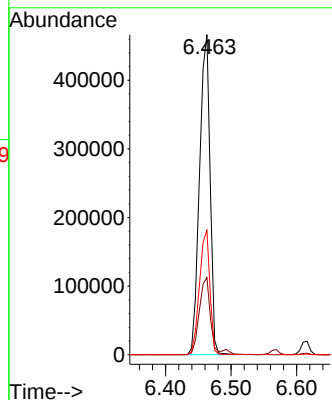
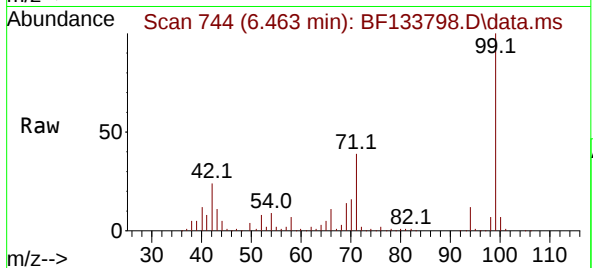




#7
Phenol-d6
Concen: 65.692 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

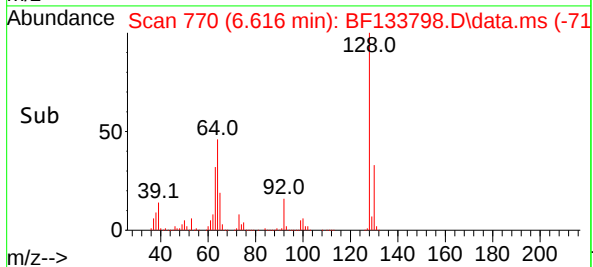
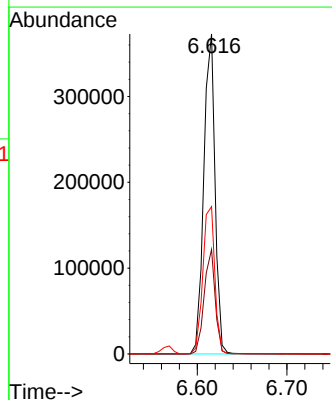
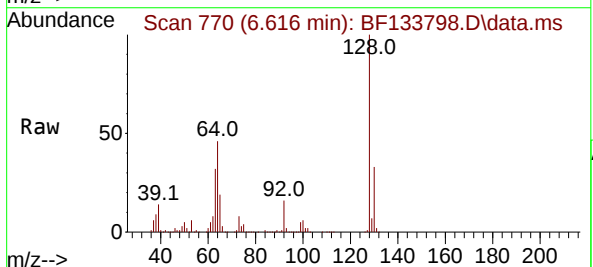
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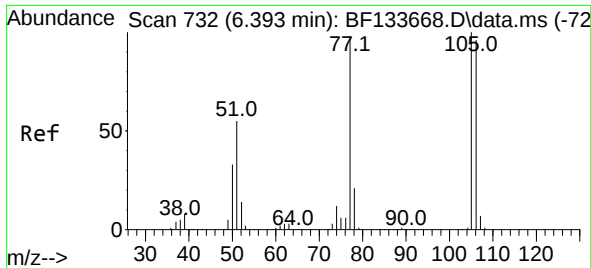
Tgt Ion: 99 Resp: 522961
Ion Ratio Lower Upper
99 100
42 24.1 19.9 29.9
71 38.8 32.2 48.4



#8
2-Chlorophenol
Concen: 50.481 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion: 128 Resp: 325360
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 46.1 33.1 73.1





#9

Benzaldehyde

Concen: 34.812 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.000 min

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Acq: 16 Jun 2023 03:42

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BNA_F

ClientSampleId :

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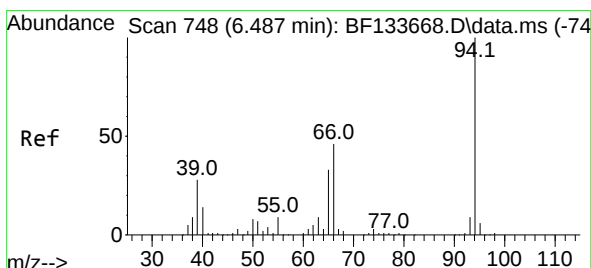
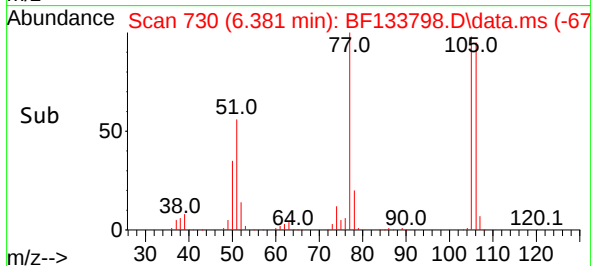
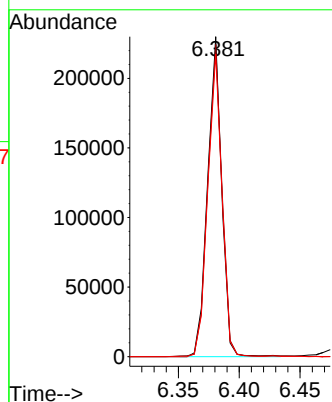
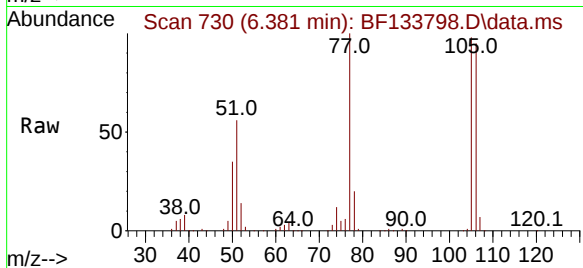
Tgt Ion: 77 Resp: 183864

Ion Ratio Lower Upper

77 100

105 97.6 82.0 122.0

106 94.6 77.6 117.6



#10

Phenol

Concen: 48.513 ng

RT: 6.475 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133798.D

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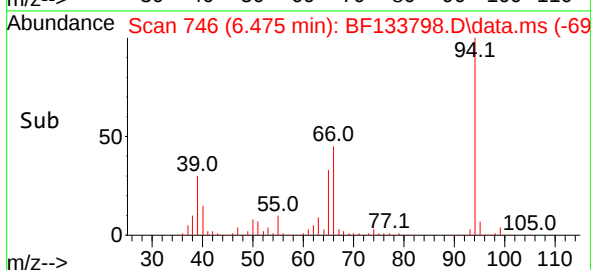
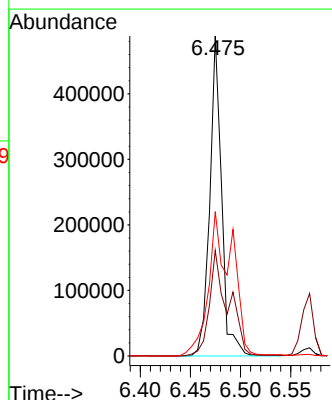
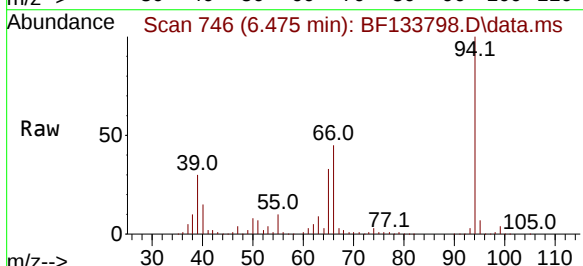
Tgt Ion: 94 Resp: 403269

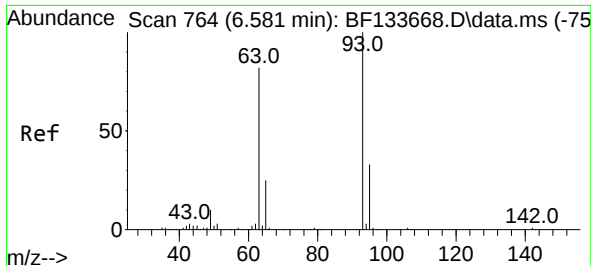
Ion Ratio Lower Upper

94 100

65 32.9 13.2 53.2

66 45.1 26.1 66.1

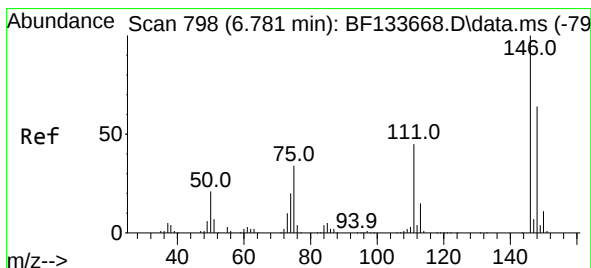
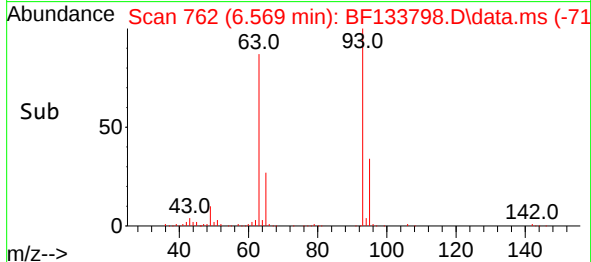
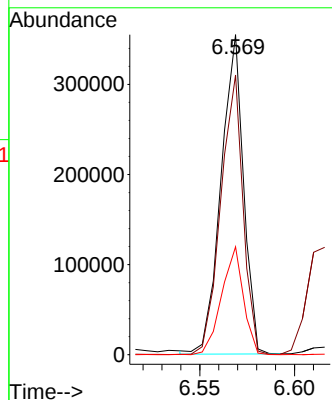
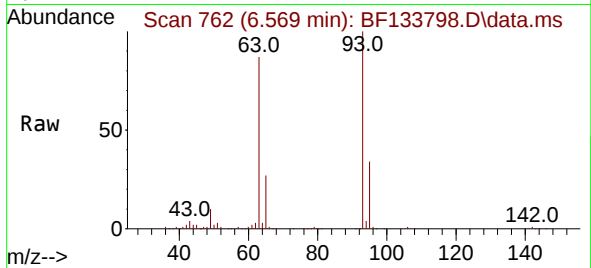




#11
bis(2-Chloroethyl)ether
Concen: 47.441 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

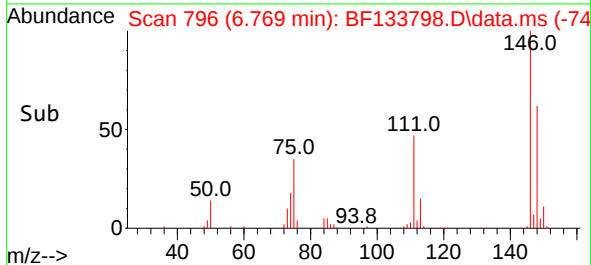
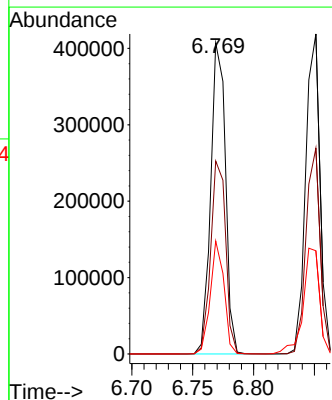
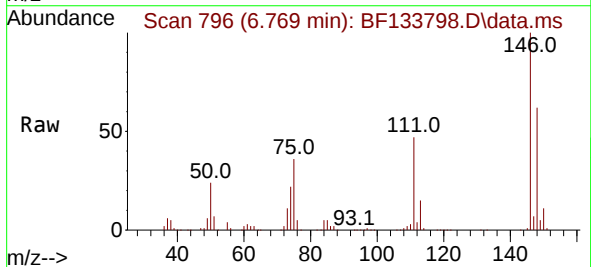
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

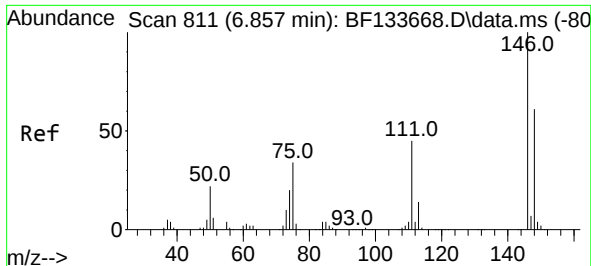
Tgt Ion: 93 Resp: 292767
Ion Ratio Lower Upper
93 100
63 87.4 62.1 102.1
95 33.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 49.988 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion: 146 Resp: 344232
Ion Ratio Lower Upper
146 100
148 62.0 50.9 76.3
75 36.3 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 49.341 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

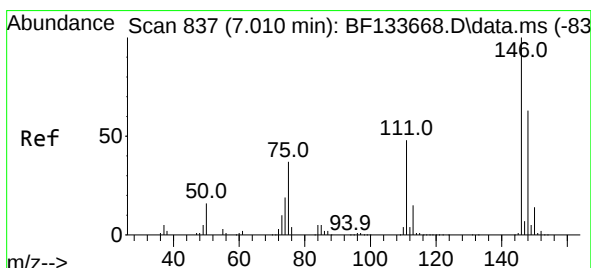
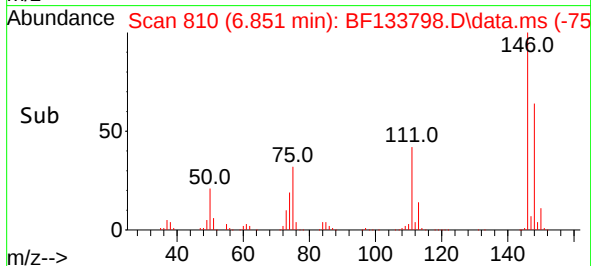
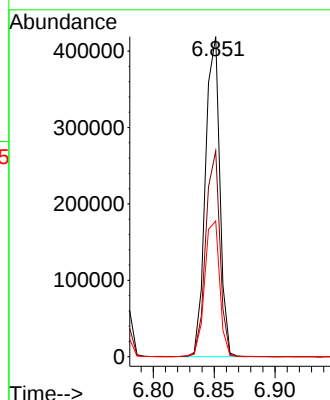
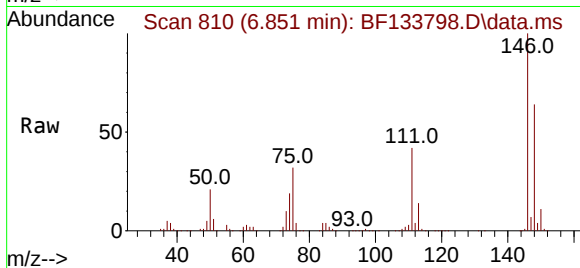
Tgt Ion:146 Resp: 343416

Ion Ratio Lower Upper

146 100

148 64.3 48.9 73.3

111 42.4 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 52.984 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

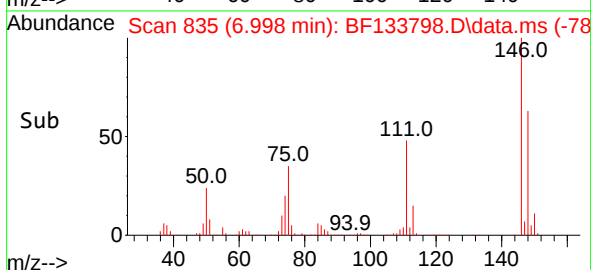
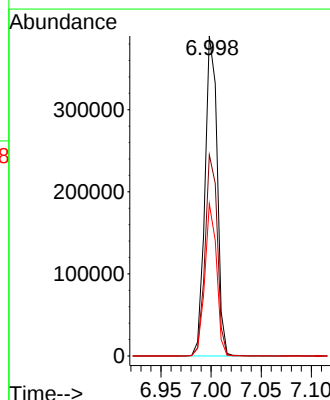
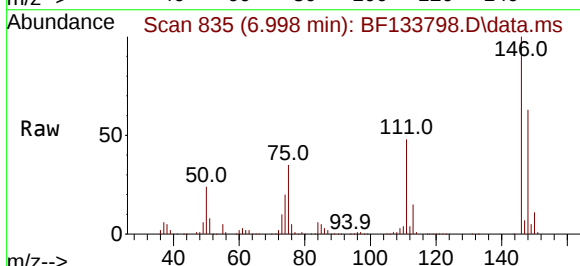
Tgt Ion:146 Resp: 333219

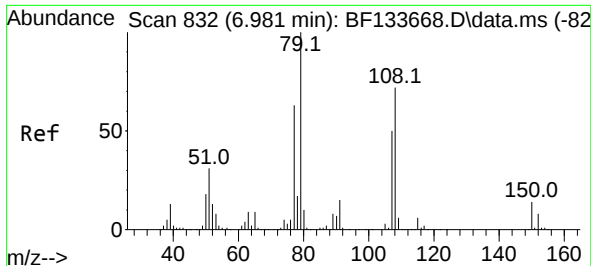
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 47.5 38.7 58.1

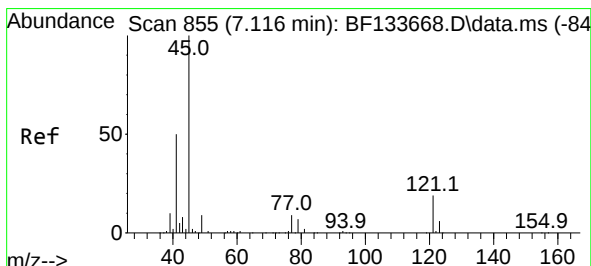
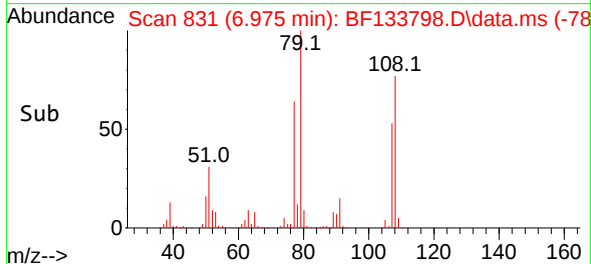
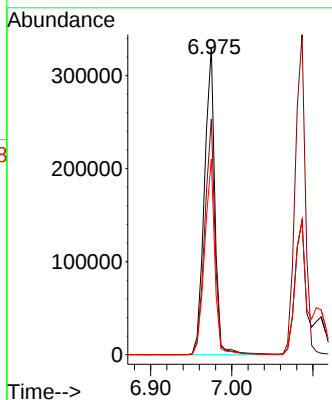
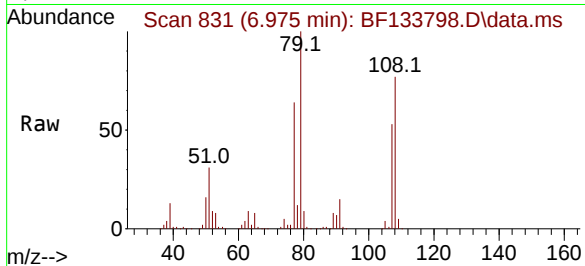




#15
Benzyl Alcohol
Concen: 47.397 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

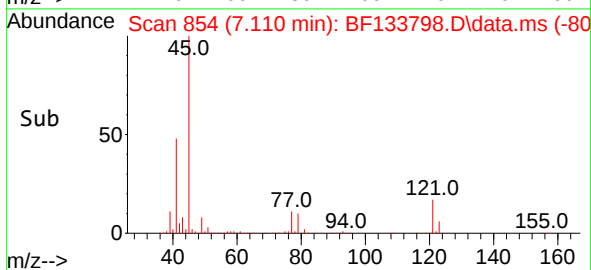
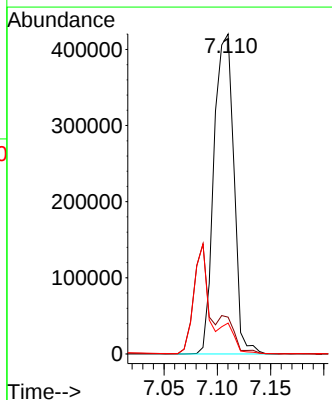
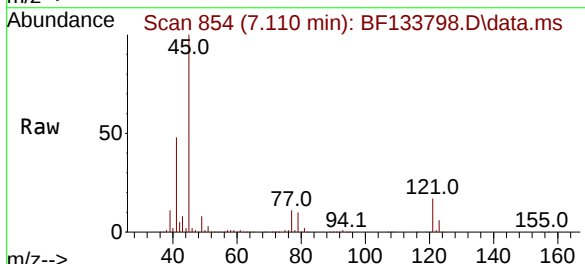
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

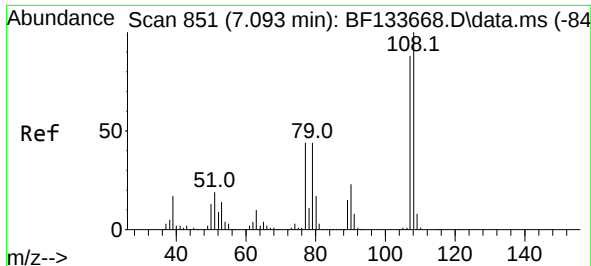
Tgt Ion: 79 Resp: 294697
Ion Ratio Lower Upper
79 100
108 76.7 57.9 86.9
77 63.7 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.790 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion: 45 Resp: 541786
Ion Ratio Lower Upper
45 100
77 11.5 0.0 32.3
79 9.7 0.0 29.4

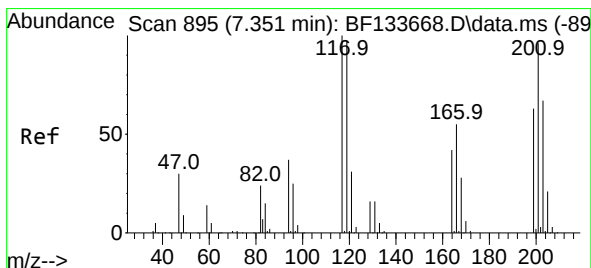
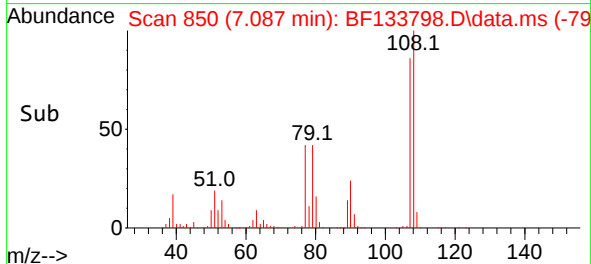
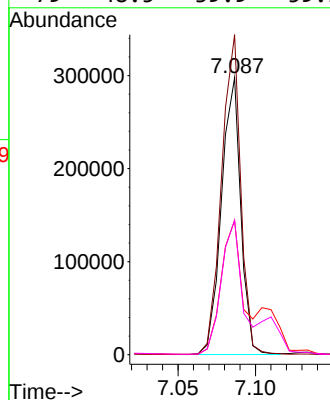
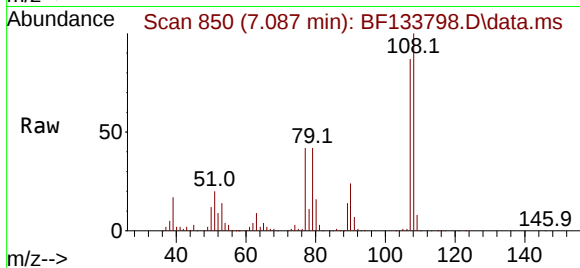




#17
2-Methylphenol
Concen: 45.108 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

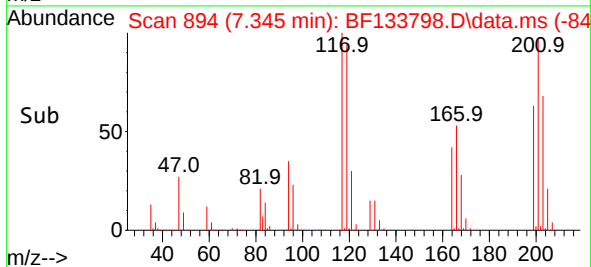
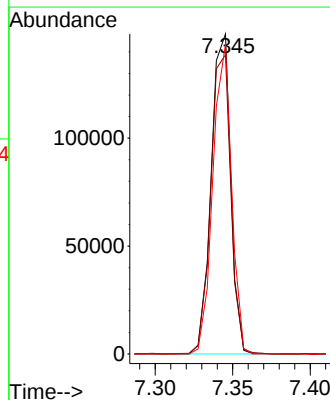
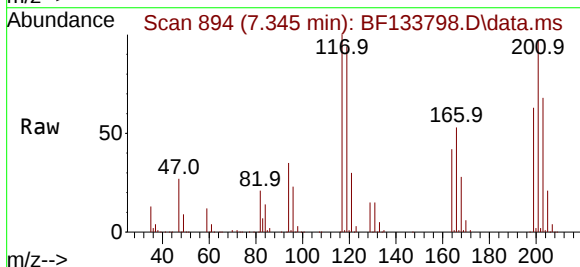
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

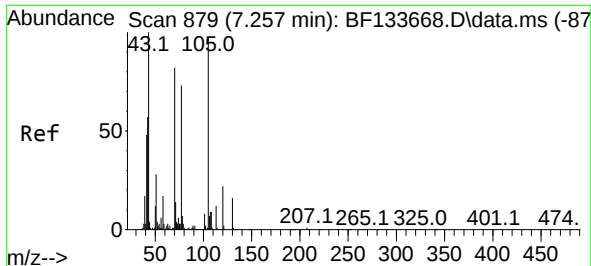
Tgt Ion:	107	Resp:	257687
Ion	Ratio	Lower	Upper
107	100		
108	115.6	90.9	136.3
77	48.6	39.8	59.6
79	48.5	39.9	59.9



#18
Hexachloroethane
Concen: 54.425 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:	117	Resp:	129682
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.3	115.9
201	96.8	76.8	115.2



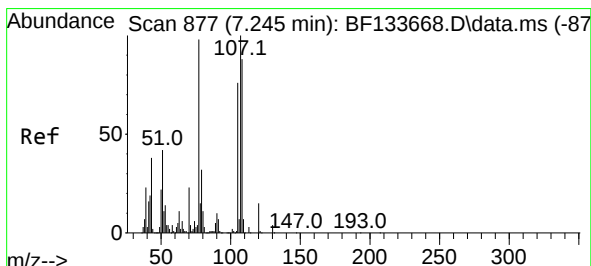
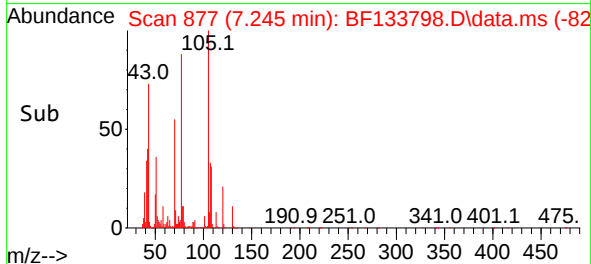
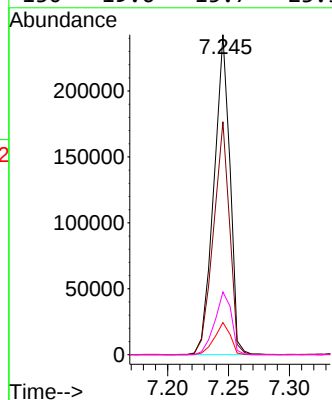
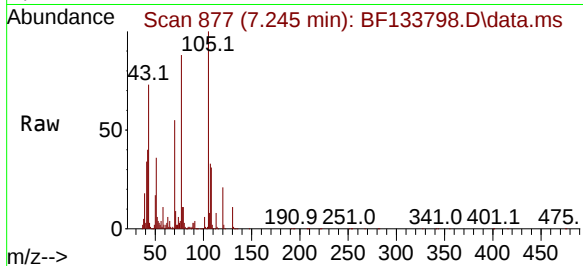


#19
n-Nitroso-di-n-propylamine
Concen: 43.806 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion: 70 Resp: 221878

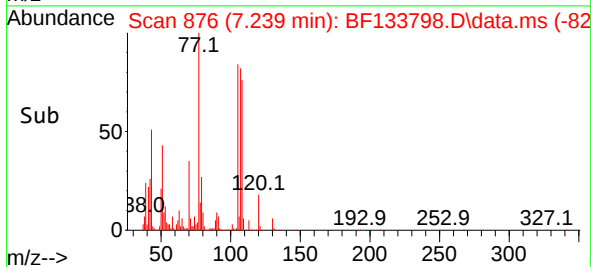
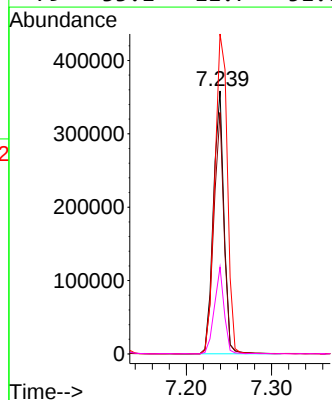
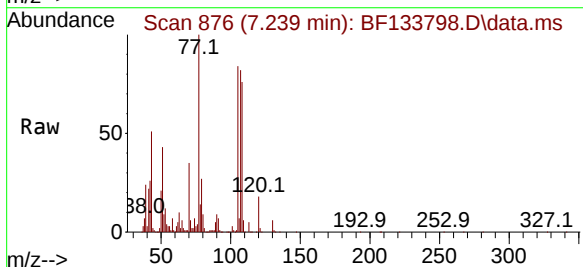
Ion	Ratio	Lower	Upper
70	100		
42	72.8	55.8	83.8
101	10.1	8.1	12.1
130	19.6	15.7	23.5

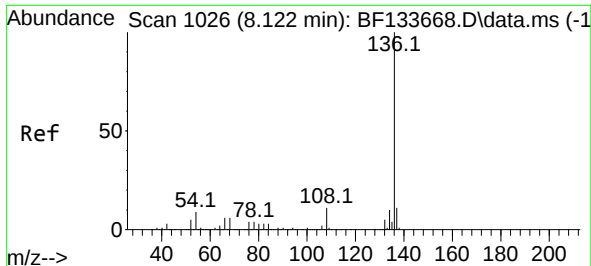


#20
3+4-Methylphenols
Concen: 41.633 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion: 107 Resp: 309399

Ion	Ratio	Lower	Upper
107	100		
108	91.9	67.9	107.9
77	121.7	77.7	117.7#
79	33.1	11.7	51.7

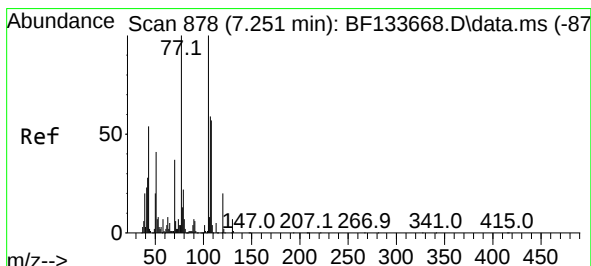
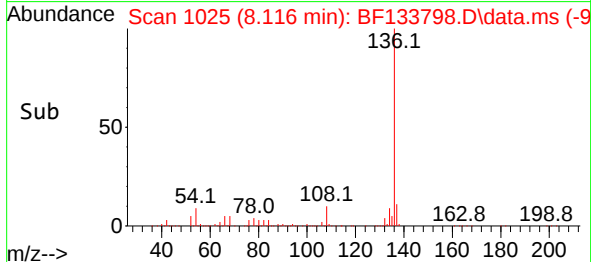
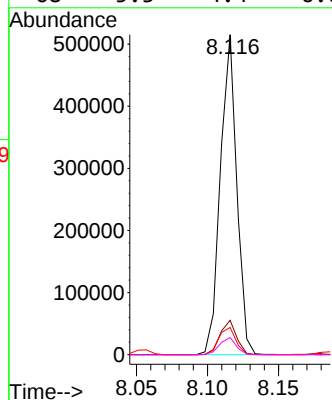
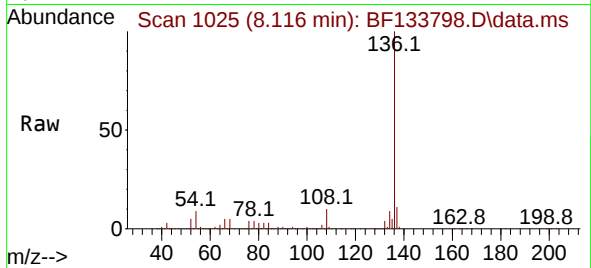




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

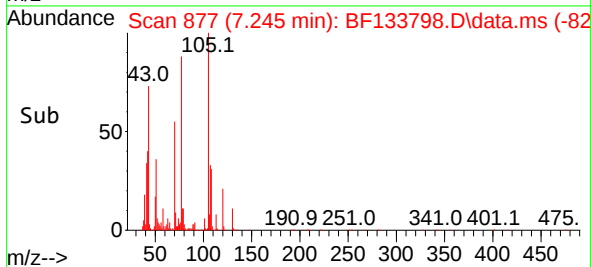
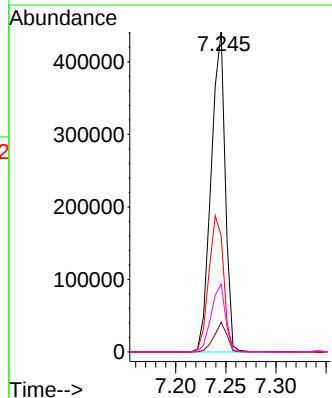
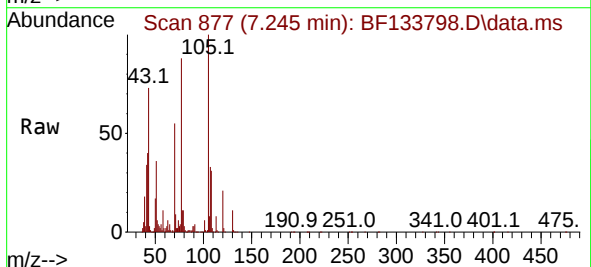
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

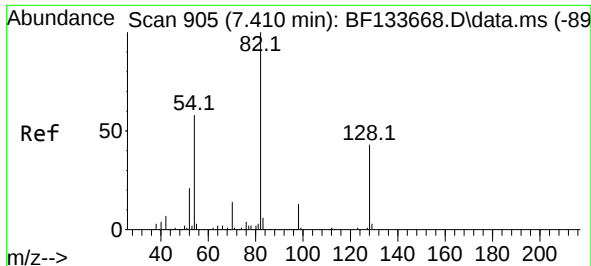
Tgt Ion:136 Resp: 413103
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.4 11.0
68 5.3 4.4 6.6



#22
Acetophenone
Concen: 45.718 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:105 Resp: 433169
Ion Ratio Lower Upper
105 100
71 9.3 4.8 7.2#
51 36.3 33.0 49.4
120 21.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 45.633 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

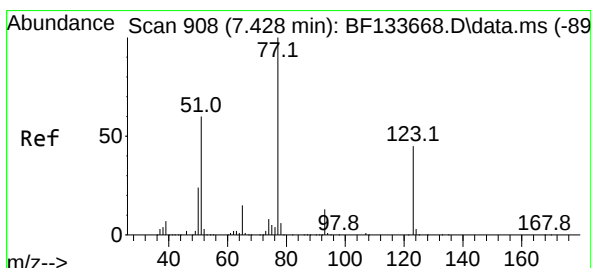
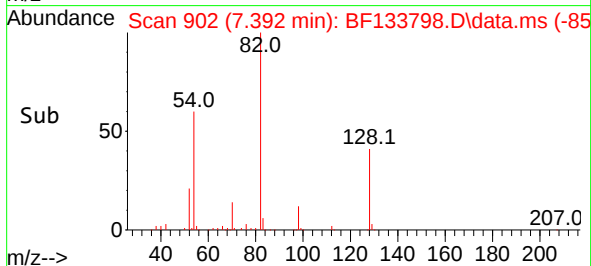
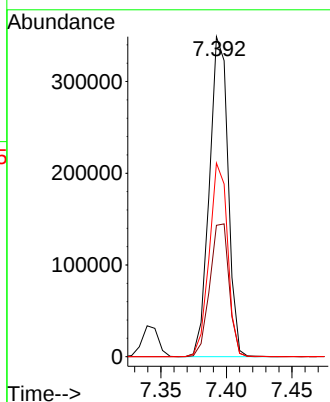
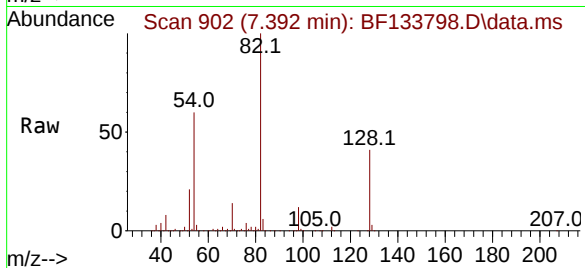
Tgt Ion: 82 Resp: 346102

Ion Ratio Lower Upper

82 100

128 41.1 34.2 51.2

54 60.5 46.5 69.7



#24

Nitrobenzene

Concen: 45.922 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

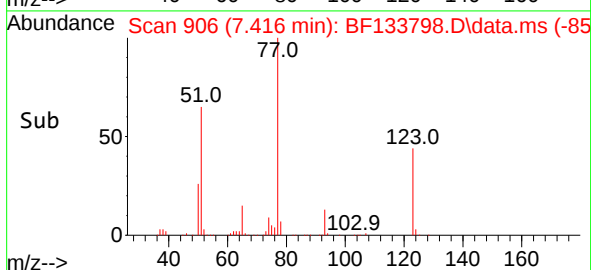
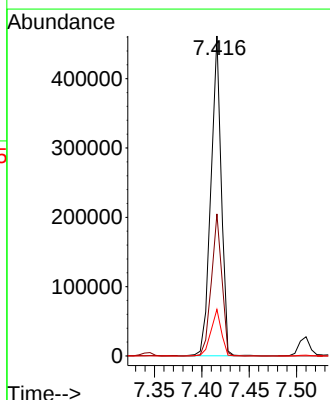
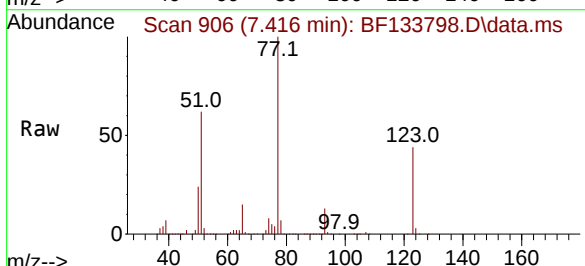
Tgt Ion: 77 Resp: 350710

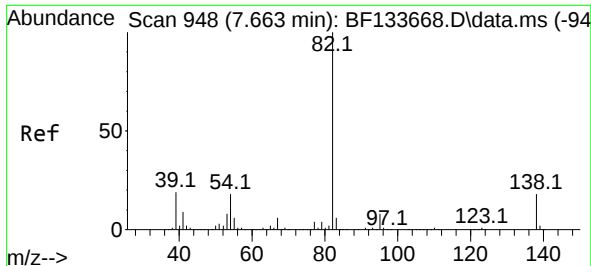
Ion Ratio Lower Upper

77 100

123 44.4 35.8 53.8

65 14.5 11.6 17.4

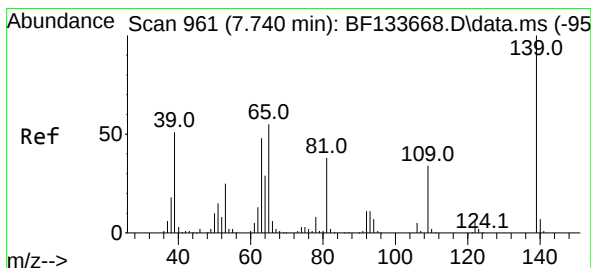
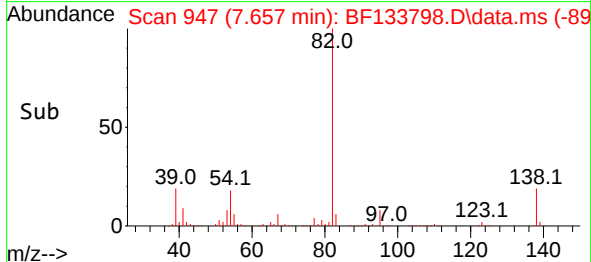
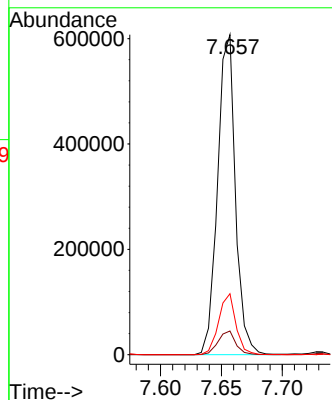
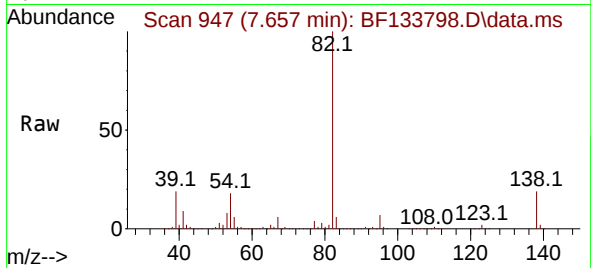




#25
Isophorone
Concen: 44.601 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

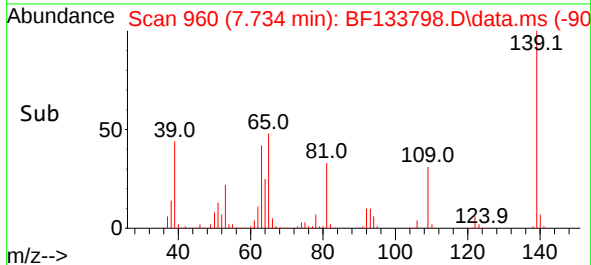
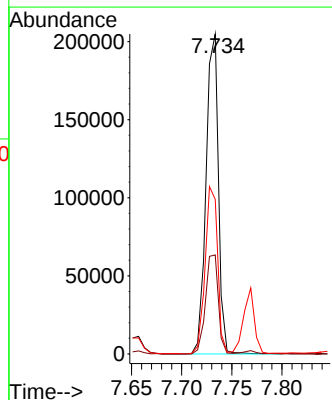
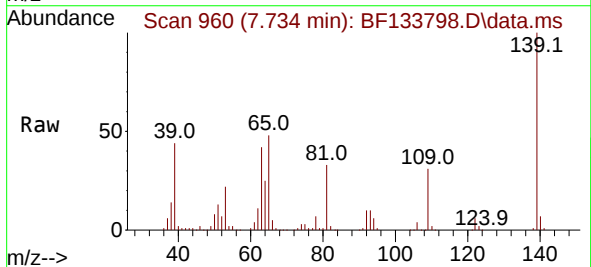
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

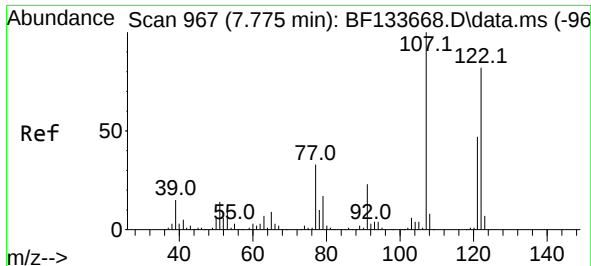
Tgt Ion: 82 Resp: 621040
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.1 14.2 21.2



#26
2-Nitrophenol
Concen: 51.500 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion: 139 Resp: 176513
Ion Ratio Lower Upper
139 100
109 31.0 27.0 40.6
65 48.3 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 47.466 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

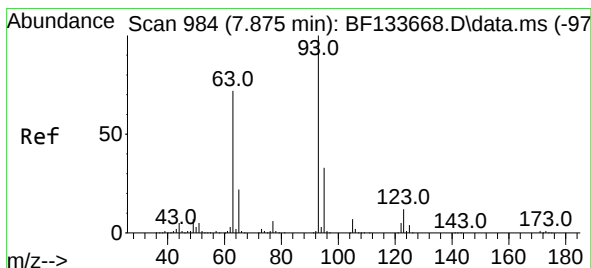
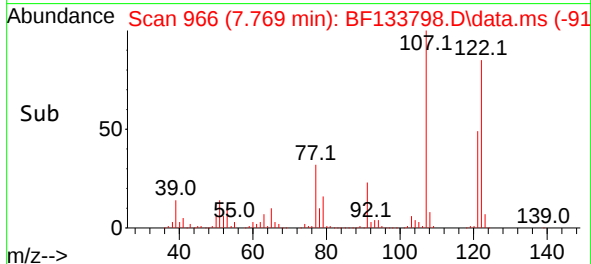
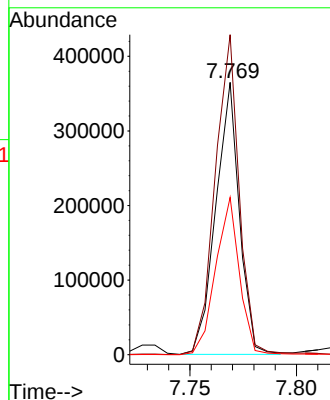
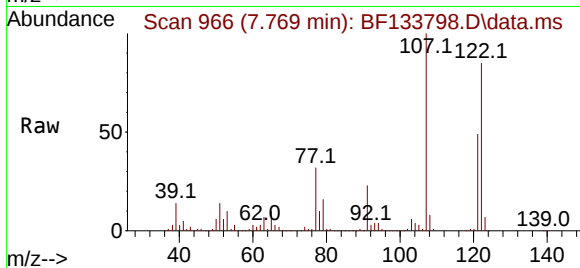
Tgt Ion:122 Resp: 280406

Ion Ratio Lower Upper

122 100

107 117.5 97.8 146.6

121 57.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.671 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

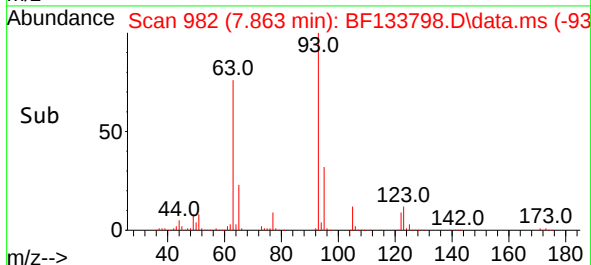
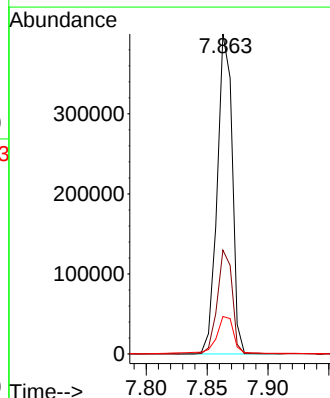
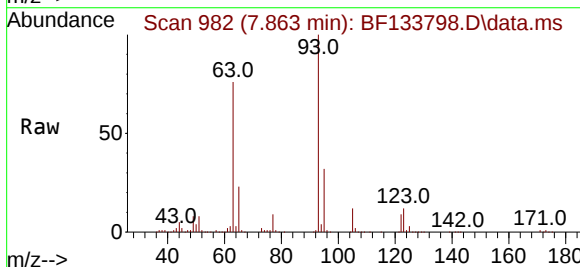
Tgt Ion: 93 Resp: 343402

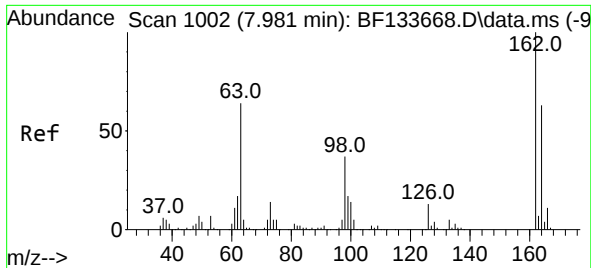
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.496 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

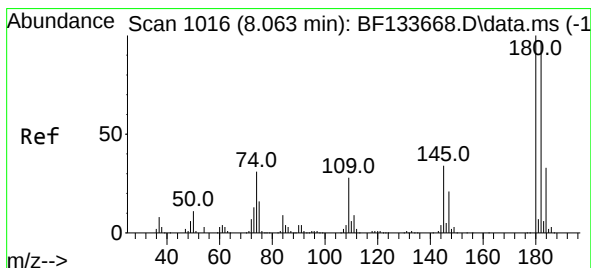
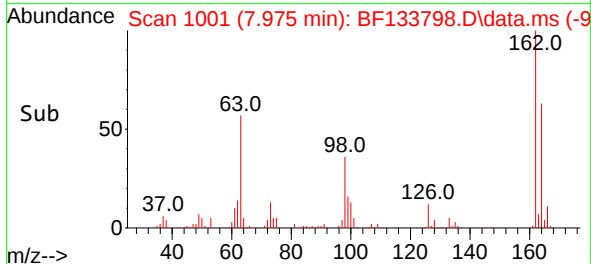
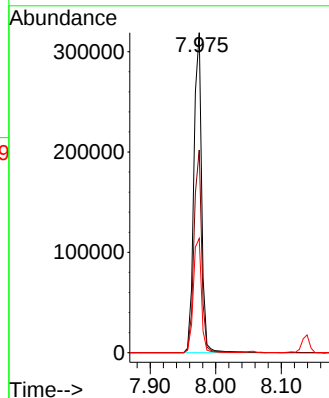
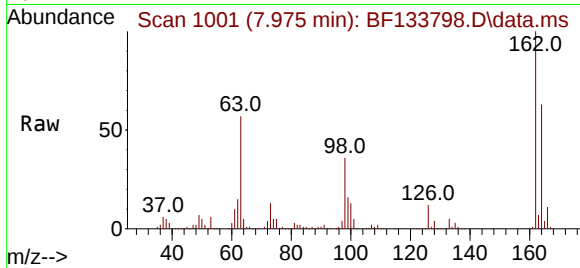
Tgt Ion:162 Resp: 263415

Ion Ratio Lower Upper

162 100

164 63.3 43.4 83.4

98 35.7 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 47.235 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

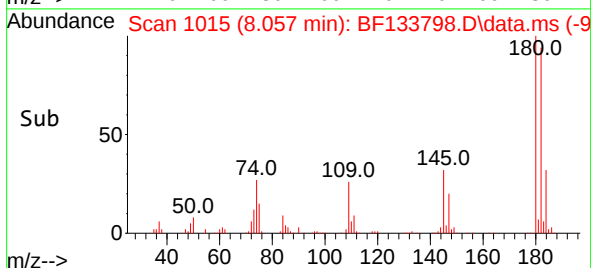
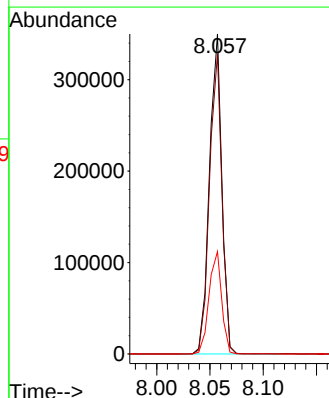
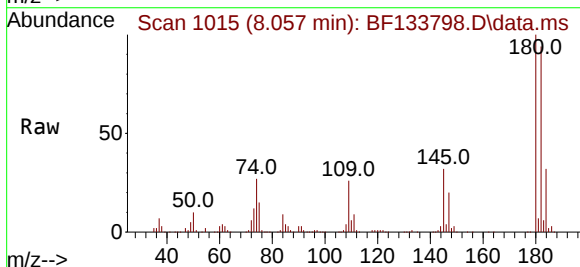
Tgt Ion:180 Resp: 285337

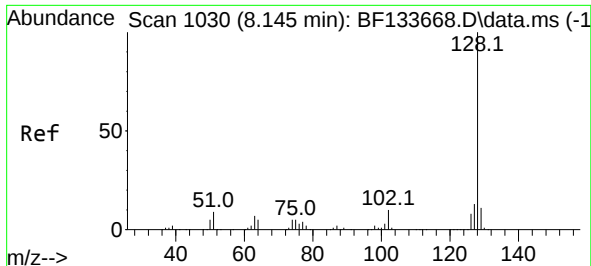
Ion Ratio Lower Upper

180 100

182 93.8 77.8 116.8

145 32.0 27.0 40.4

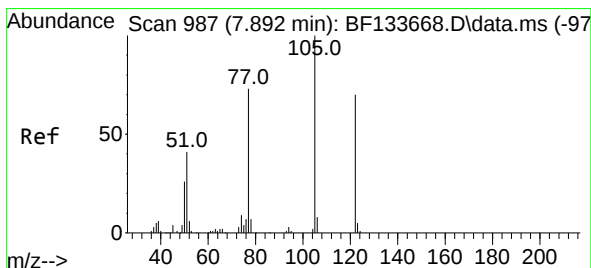
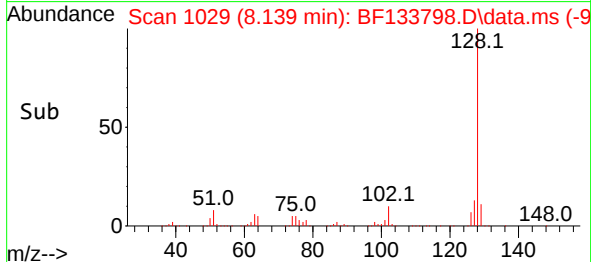
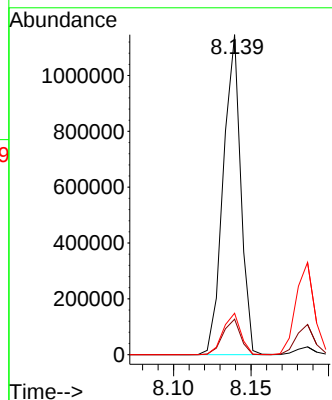
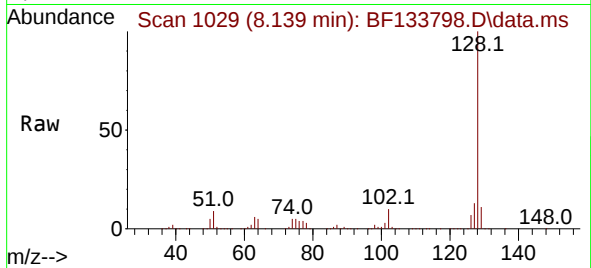




#31
Naphthalene
Concen: 44.778 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

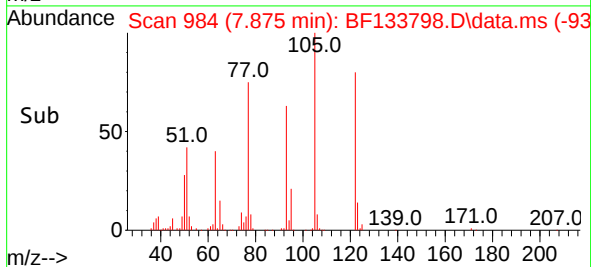
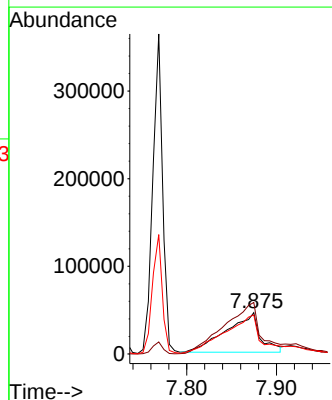
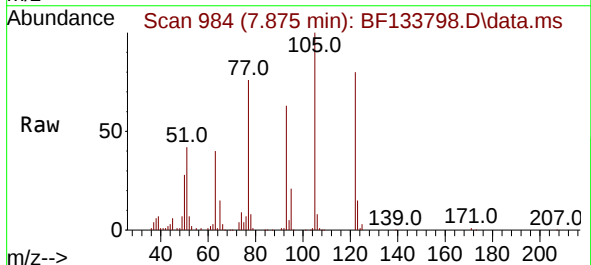
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

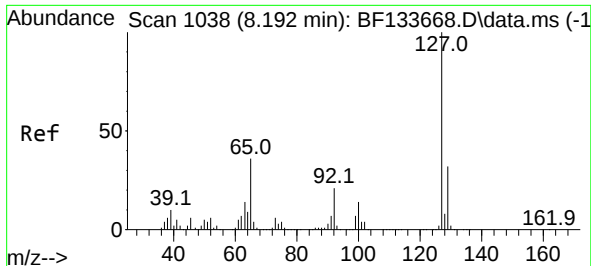
Tgt Ion:128 Resp: 901221
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 31.785 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:122 Resp: 118426
Ion Ratio Lower Upper
122 100
105 125.0 116.3 156.3
77 94.7 82.4 122.4

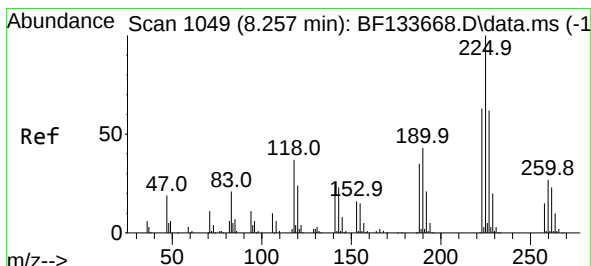
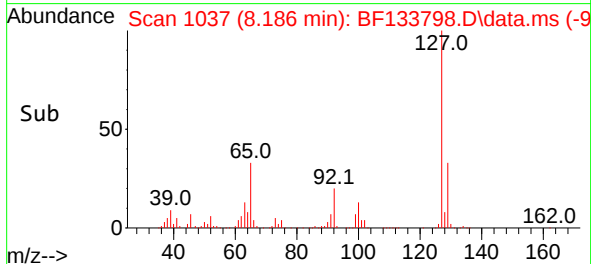
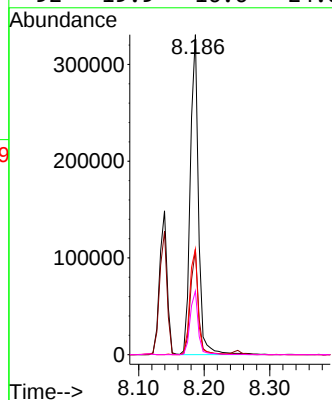
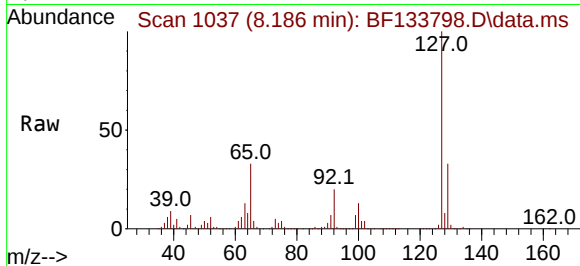




#33
4-Chloroaniline
Concen: 33.148 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

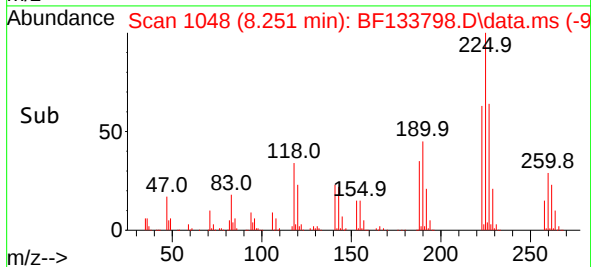
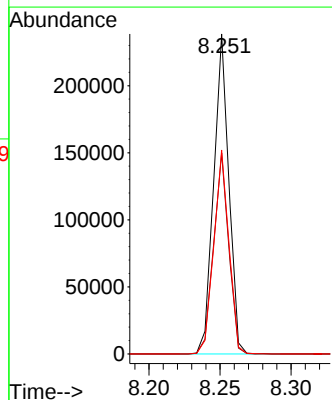
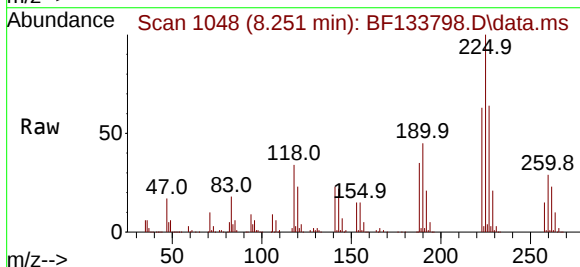
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:	127	Resp:	285261
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	33.0	28.9	43.3
92	19.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 44.504 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:	225	Resp:	176014
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	63.7	49.5	74.3

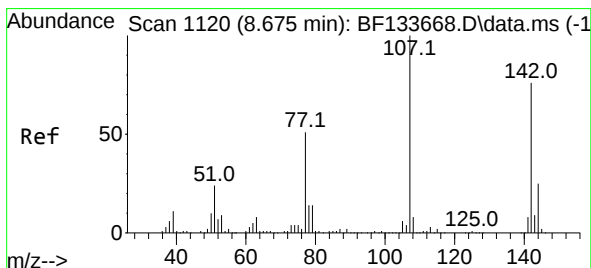
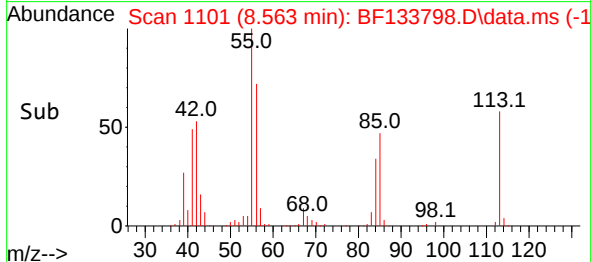
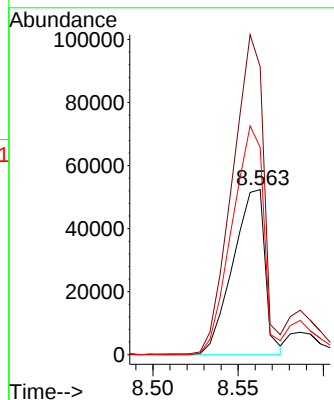
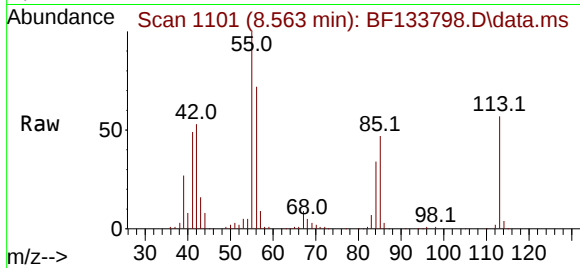




#35
 Caprolactam
 Concen: 35.197 ng
 RT: 8.563 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

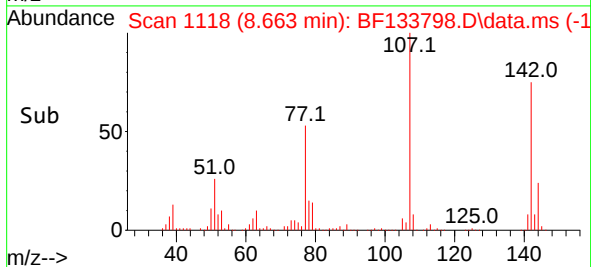
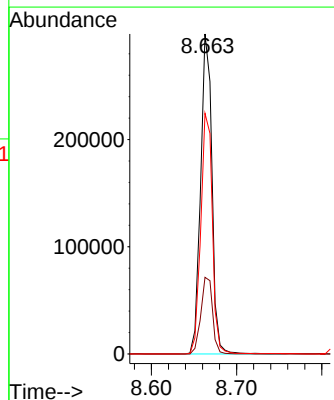
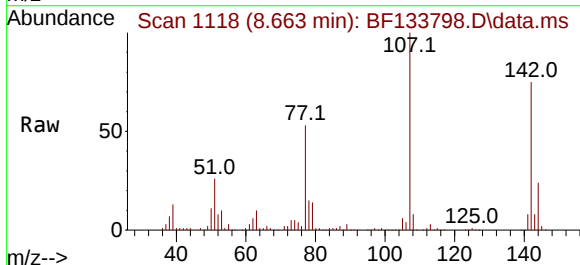
Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MS

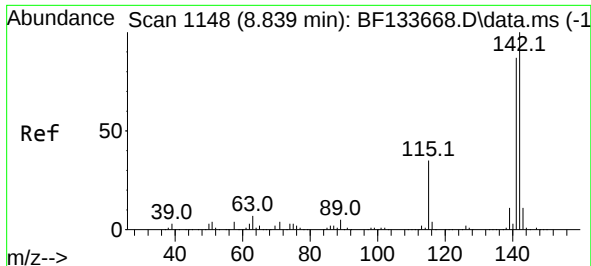
Tgt Ion:113 Resp: 68572
 Ion Ratio Lower Upper
 113 100
 55 174.3 173.3 213.3
 56 125.5 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.320 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

Tgt Ion:107 Resp: 275763
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.7 29.5
 142 75.2 61.1 91.7

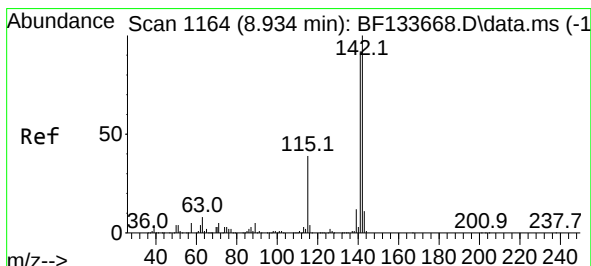
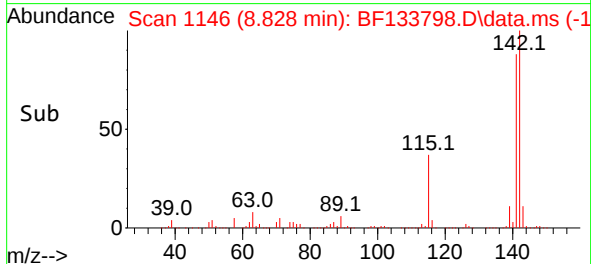
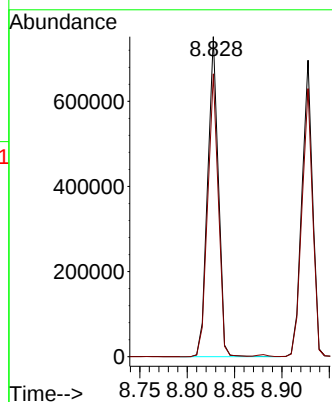
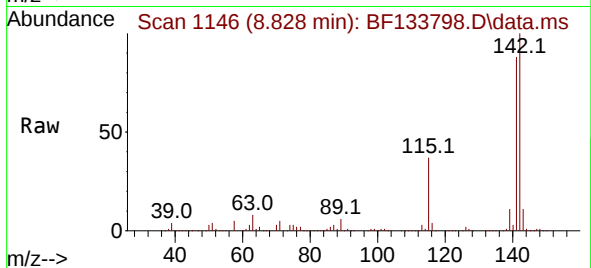




#37
2-Methylnaphthalene
Concen: 42.321 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

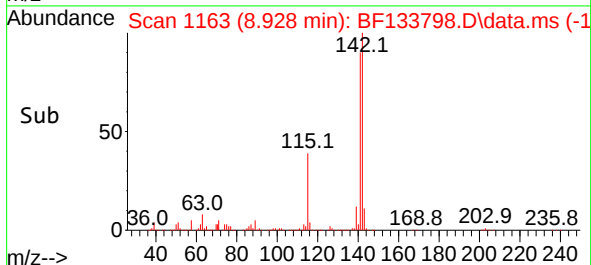
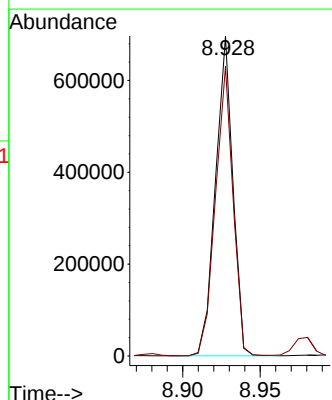
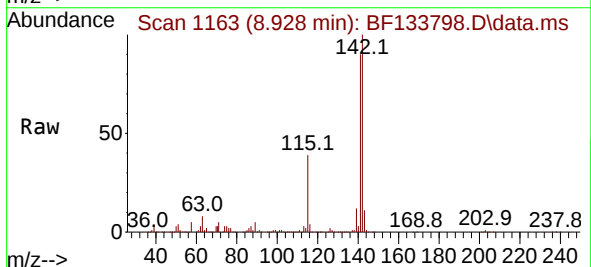
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

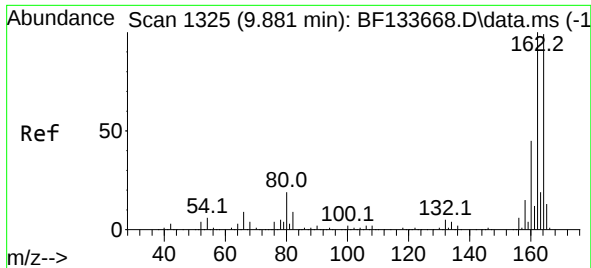
Tgt Ion:142 Resp: 591821
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8



#38
1-Methylnaphthalene
Concen: 42.348 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:142 Resp: 544932
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0

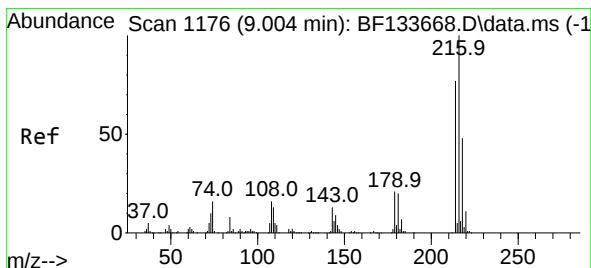
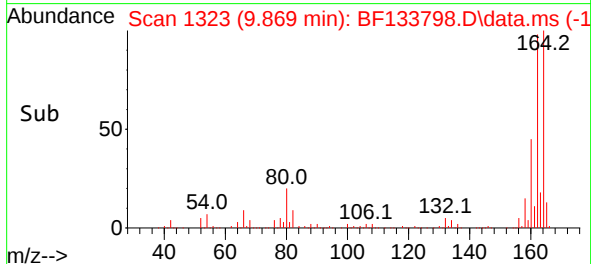
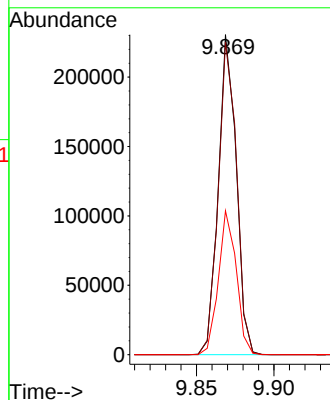
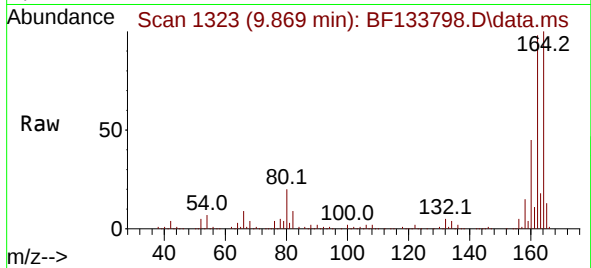




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

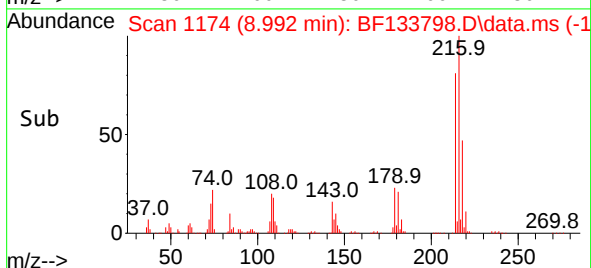
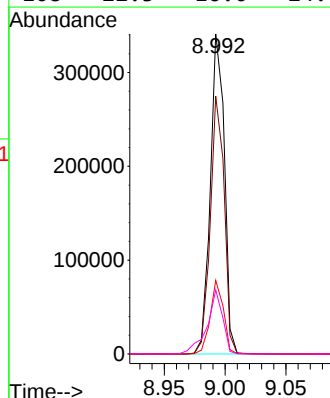
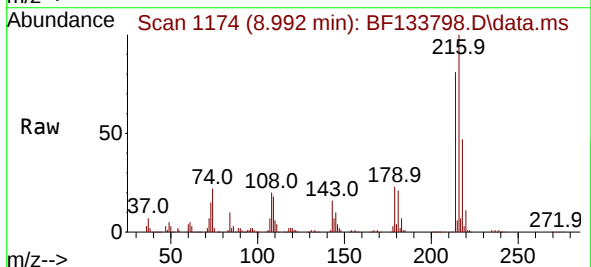
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:164 Resp: 185750
Ion Ratio Lower Upper
164 100
162 97.6 80.8 121.2
160 44.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.528 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:216 Resp: 274035
Ion Ratio Lower Upper
216 100
214 79.6 62.7 94.1
179 21.7 17.6 26.4
108 22.3 16.0 24.0

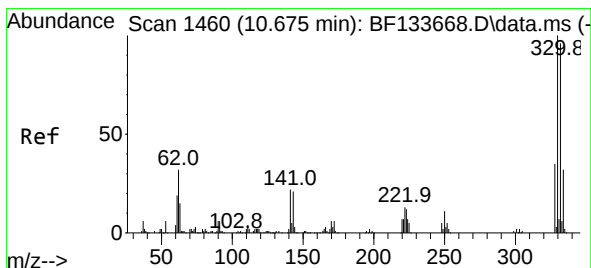
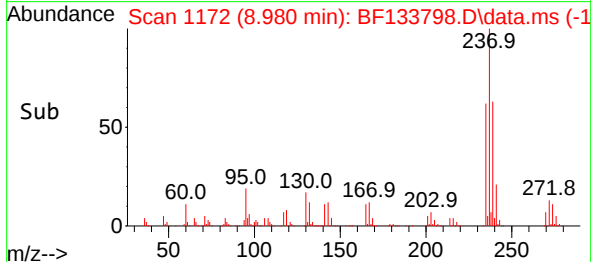
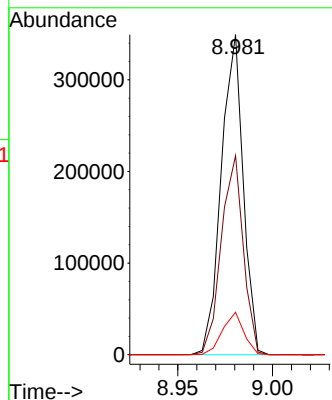
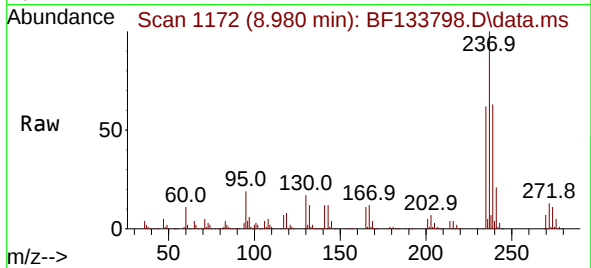




#41
Hexachlorocyclopentadiene
Concen: 111.865 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

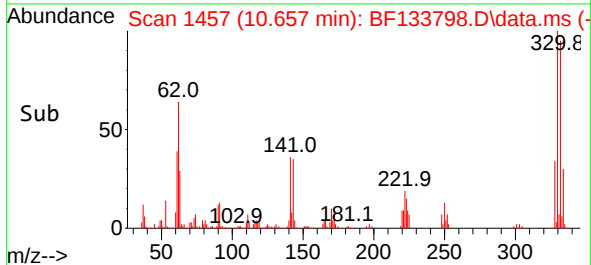
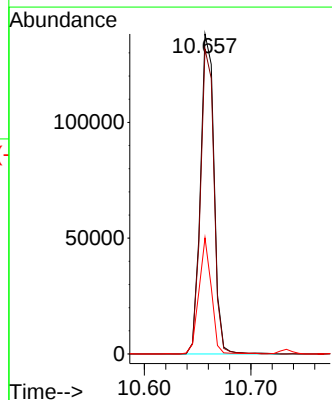
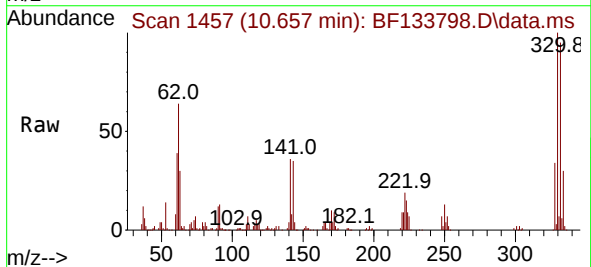
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:237 Resp: 281504
Ion Ratio Lower Upper
237 100
235 62.2 40.6 80.6
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 52.391 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:330 Resp: 123185
Ion Ratio Lower Upper
330 100
332 95.0 77.2 115.8
141 33.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.951 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

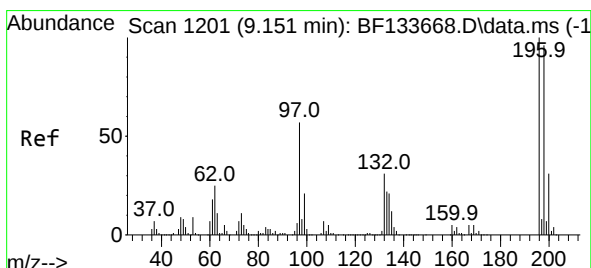
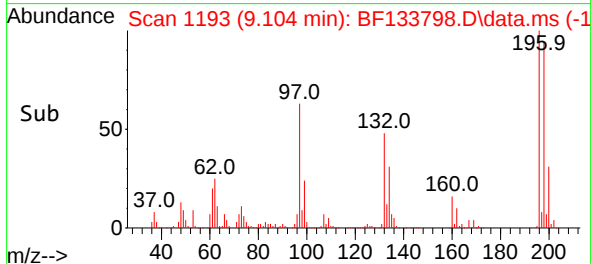
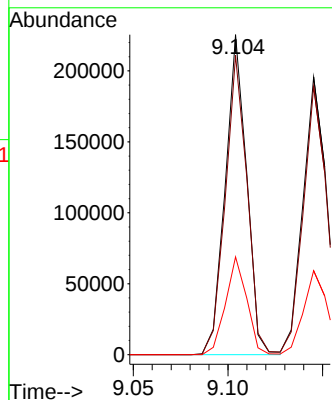
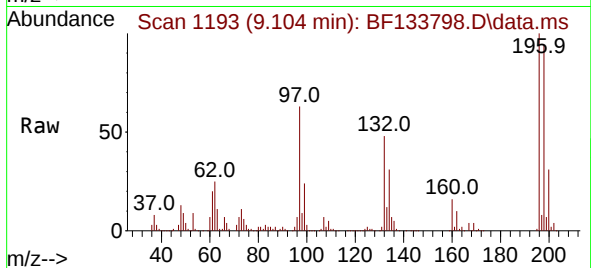
Tgt Ion:196 Resp: 177169

Ion Ratio Lower Upper

196 100

198 93.6 74.5 111.7

200 30.6 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 38.608 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Tgt Ion:196 Resp: 169491

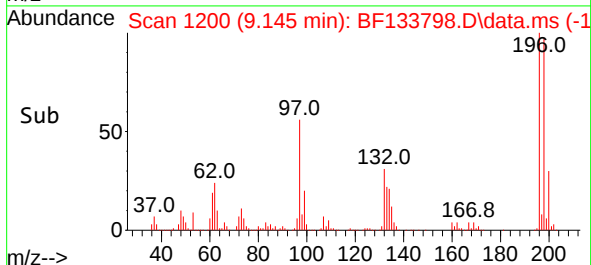
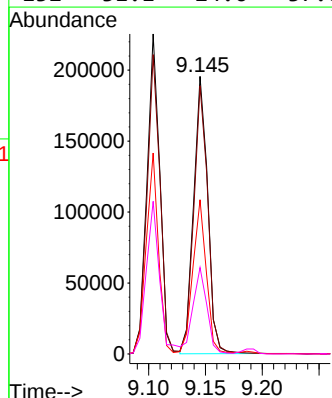
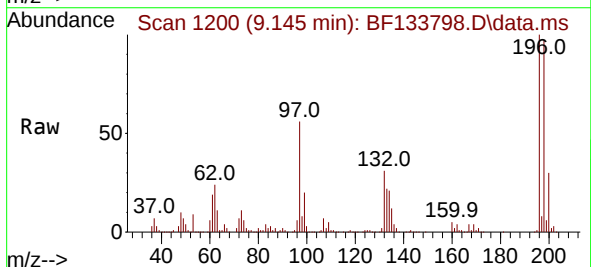
Ion Ratio Lower Upper

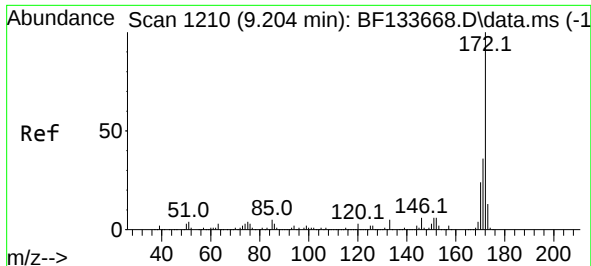
196 100

198 96.6 76.8 115.2

97 55.6 45.4 68.2

132 31.1 24.6 37.0

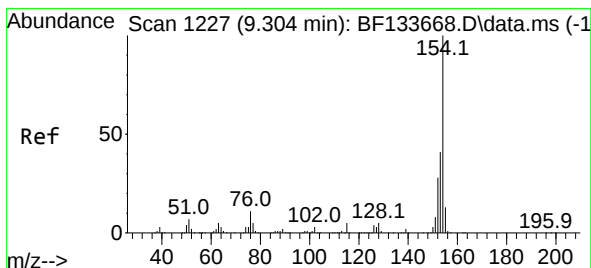
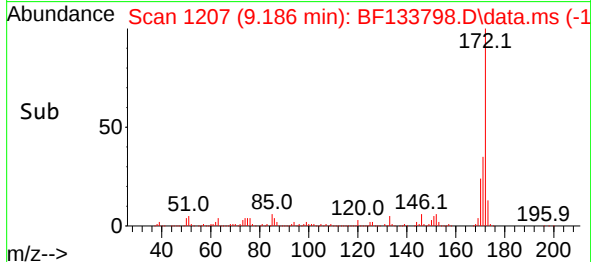
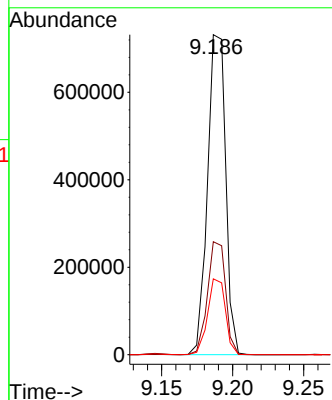
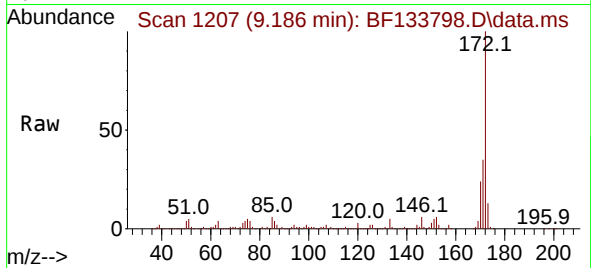




#45
2-Fluorobiphenyl
Concen: 49.894 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

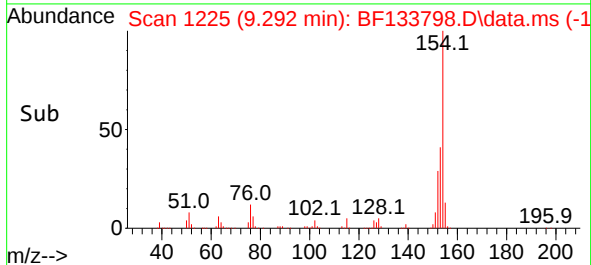
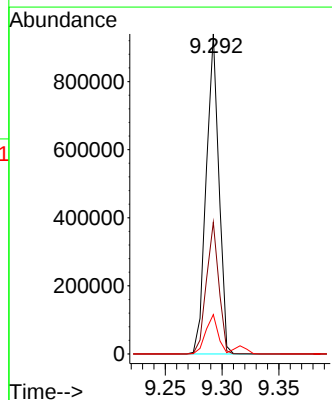
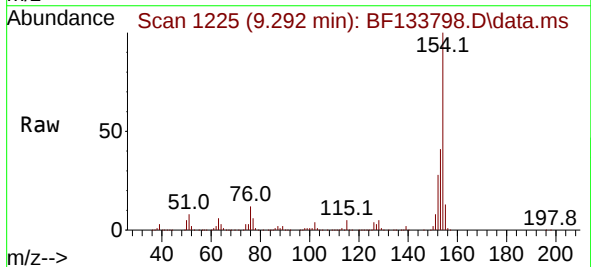
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

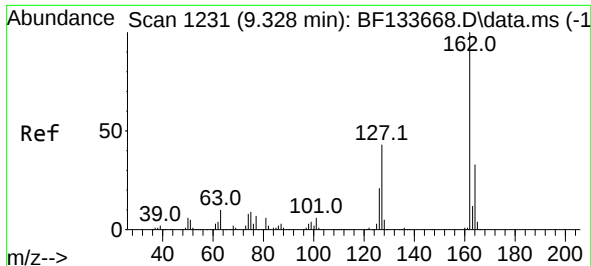
Tgt Ion:172 Resp: 651971
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 48.512 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:154 Resp: 726755
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.645 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

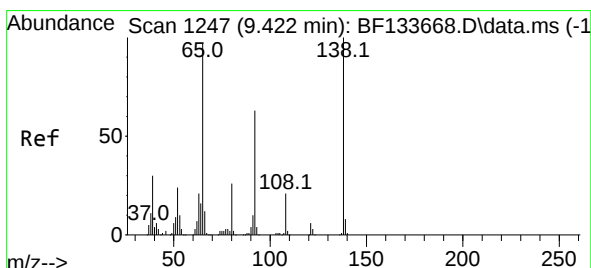
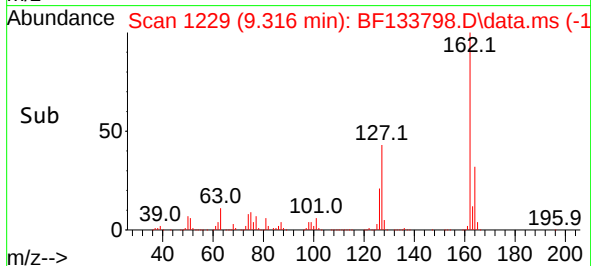
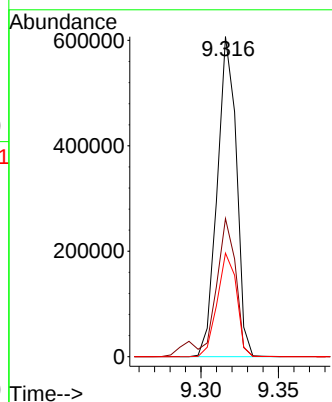
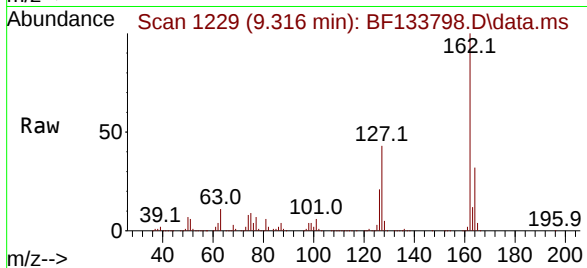
Tgt Ion:162 Resp: 522741

Ion Ratio Lower Upper

162 100

127 43.1 34.6 52.0

164 32.3 26.4 39.6



#48

2-Nitroaniline

Concen: 45.099 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

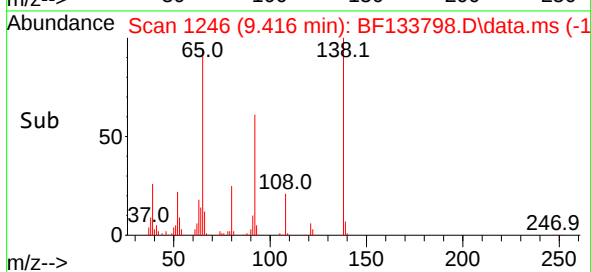
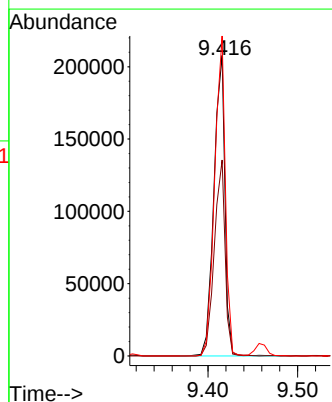
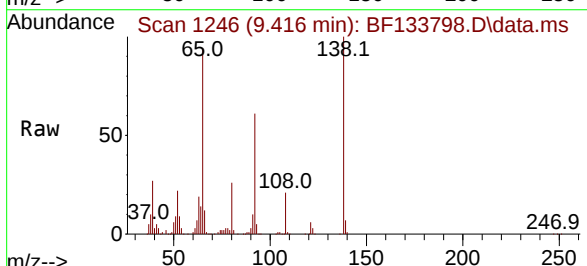
Tgt Ion: 65 Resp: 177245

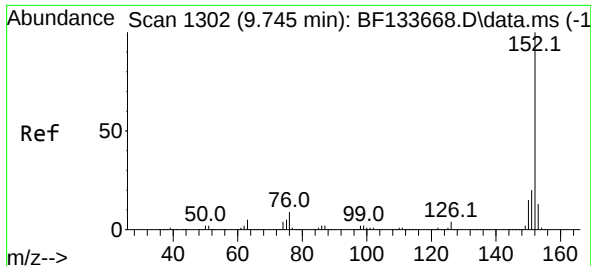
Ion Ratio Lower Upper

65 100

92 65.2 51.8 77.6

138 106.4 82.1 123.1





#49

Acenaphthylene

Concen: 42.444 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

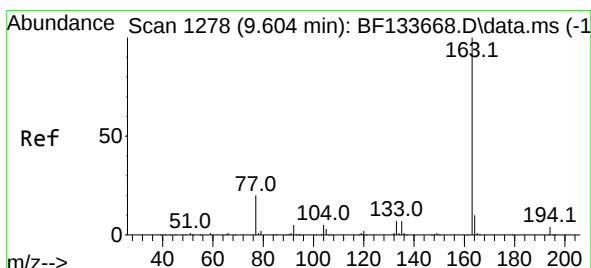
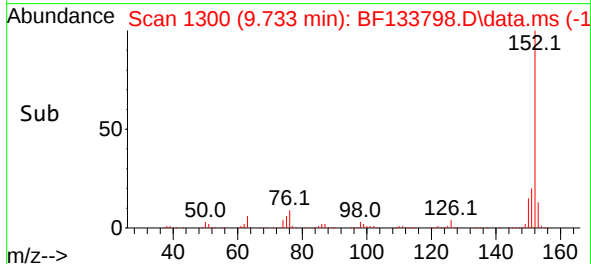
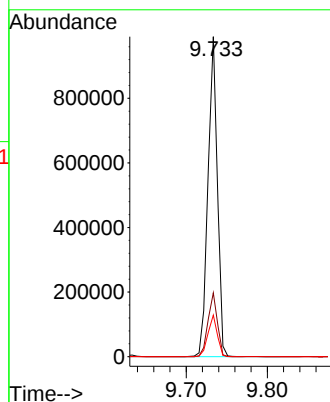
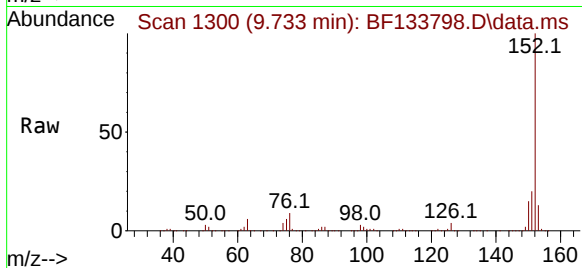
Tgt Ion:152 Resp: 793863

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 40.252 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

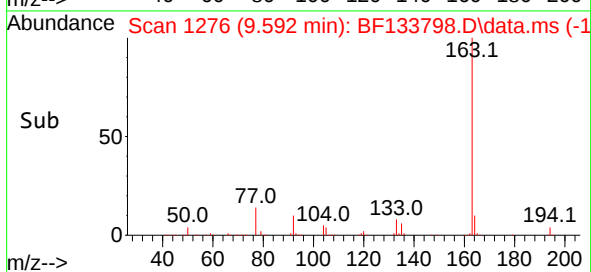
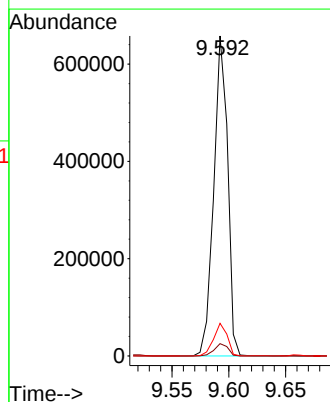
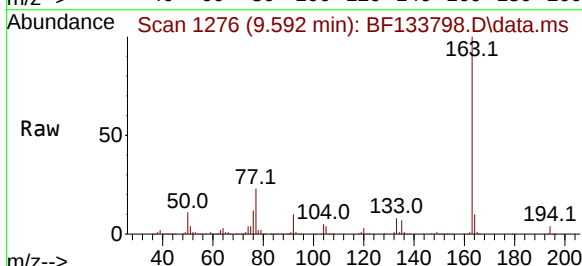
Tgt Ion:163 Resp: 558082

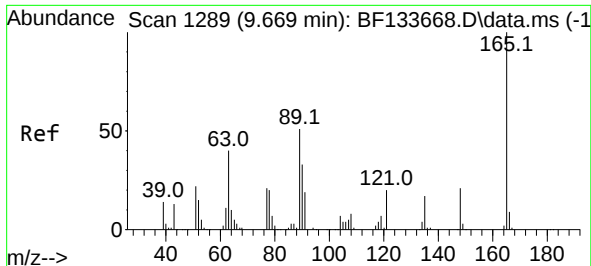
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 8.0 12.0

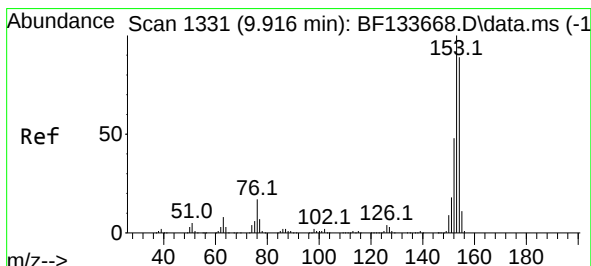
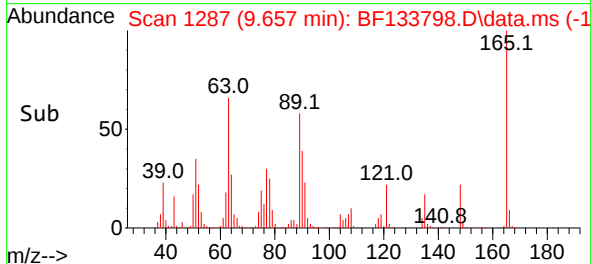
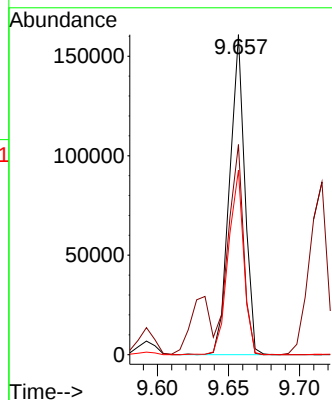
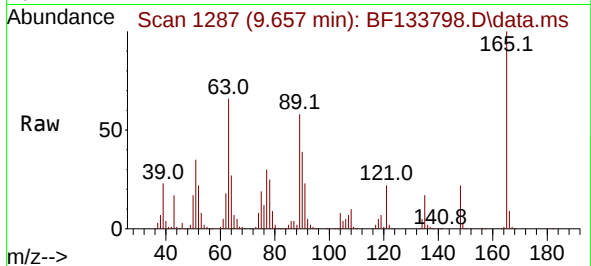




#51
2,6-Dinitrotoluene
Concen: 41.894 ng
RT: 9.657 min Scan# 119892
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

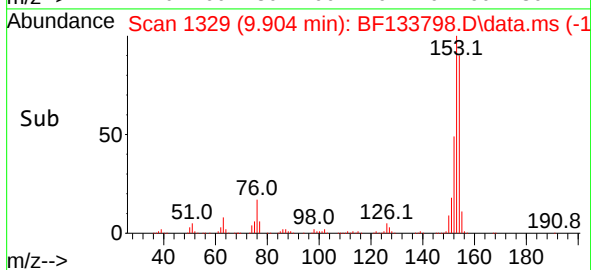
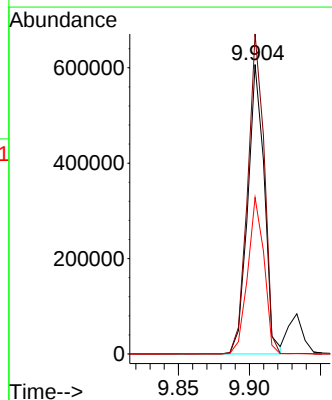
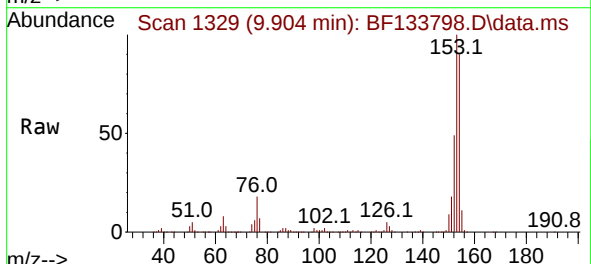
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

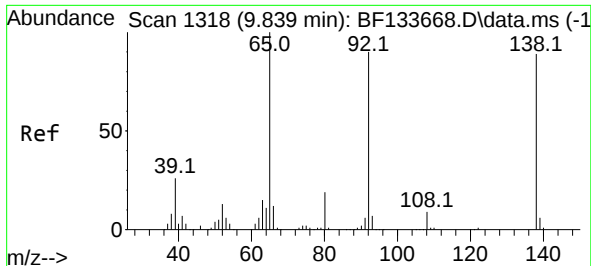
Tgt Ion:165 Resp: 119892
Ion Ratio Lower Upper
165 100
63 65.7 42.1 63.1#
89 57.7 40.9 61.3



#52
Acenaphthene
Concen: 44.967 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:154 Resp: 492293
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.8
152 54.1 43.4 65.2

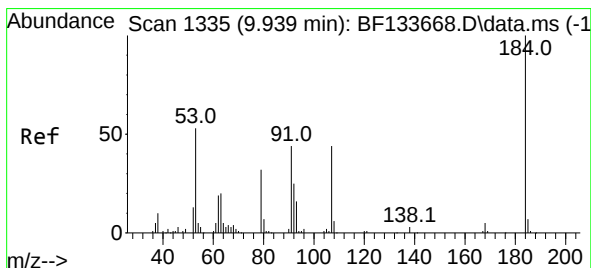
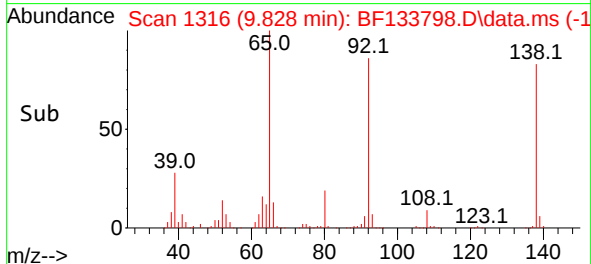
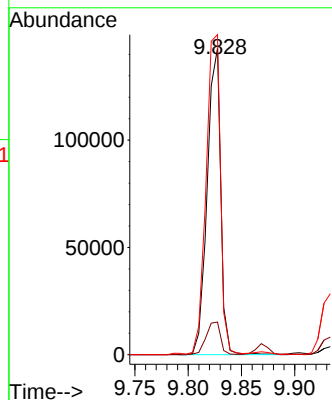
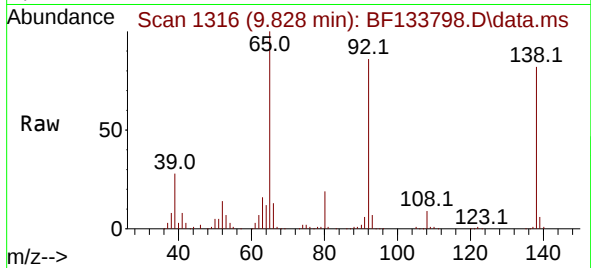




#53
3-Nitroaniline
Concen: 36.328 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

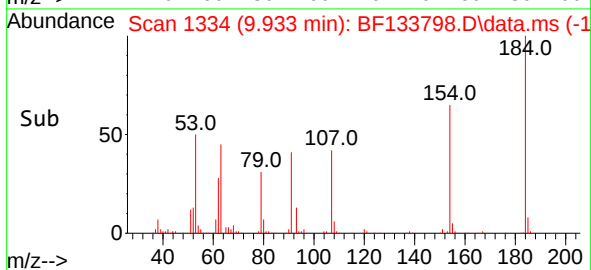
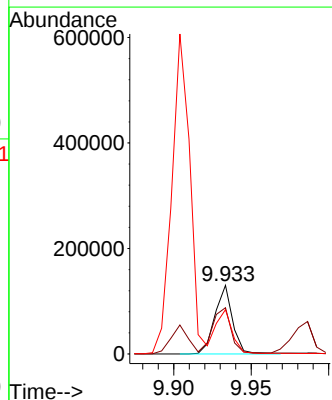
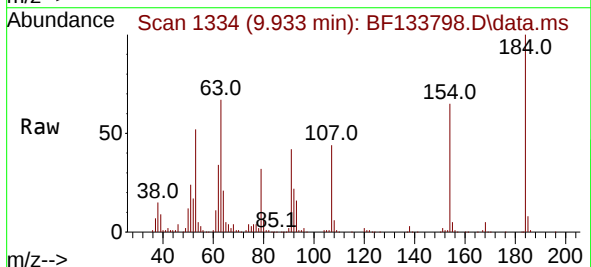
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

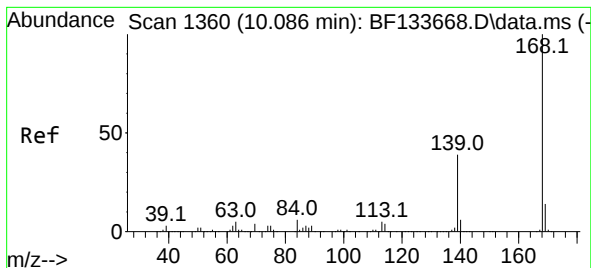
Tgt Ion:138 Resp: 126516
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 104.4 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 74.525 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:184 Resp: 103631
Ion Ratio Lower Upper
184 100
63 67.4 55.3 82.9
154 64.7 51.9 77.9





#55

Dibenzofuran

Concen: 44.260 ng

RT: 10.075 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

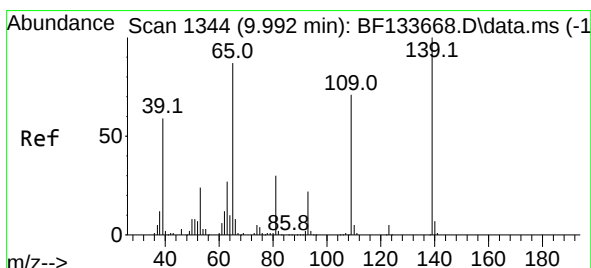
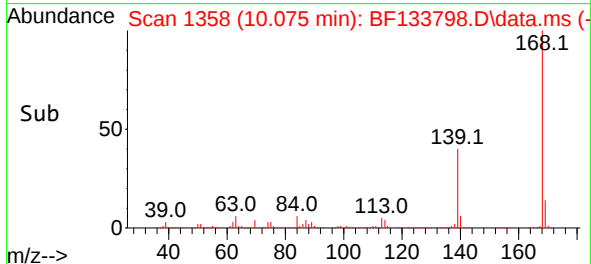
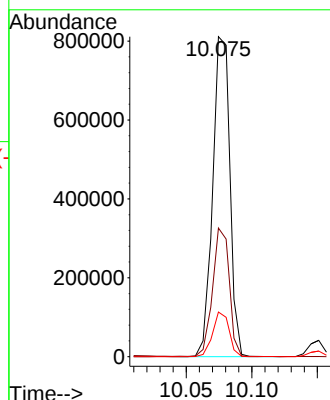
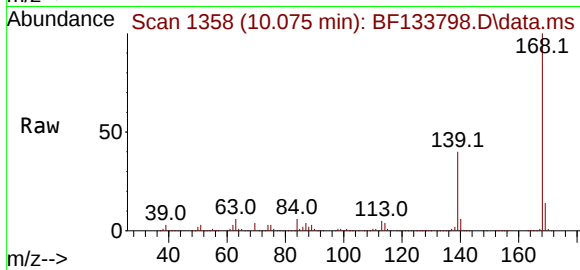
Tgt Ion:168 Resp: 739374

Ion Ratio Lower Upper

168 100

139 40.2 30.9 46.3

169 13.9 10.9 16.3



#56

4-Nitrophenol

Concen: 74.909 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

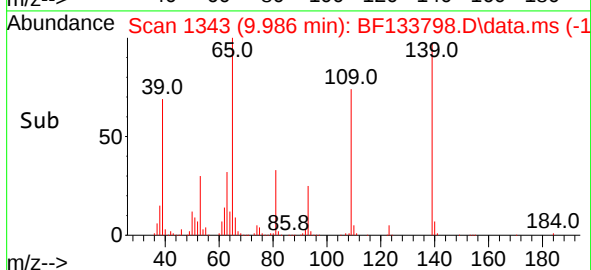
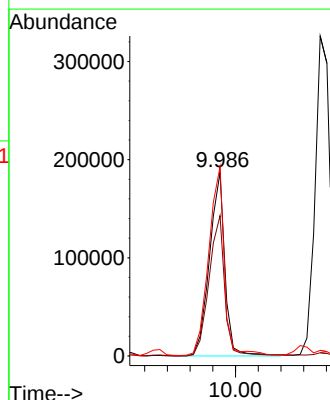
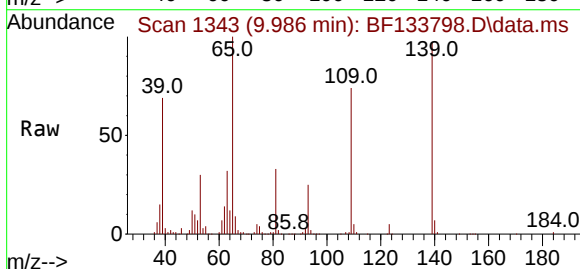
Tgt Ion:139 Resp: 176066

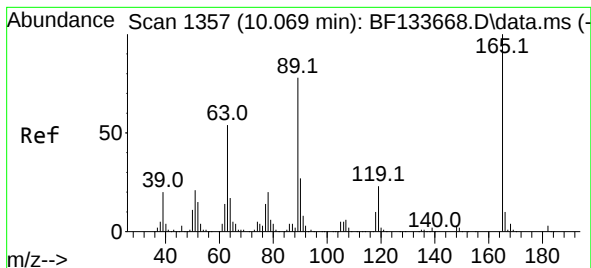
Ion Ratio Lower Upper

139 100

109 76.5 50.7 90.7

65 103.1 67.1 107.1

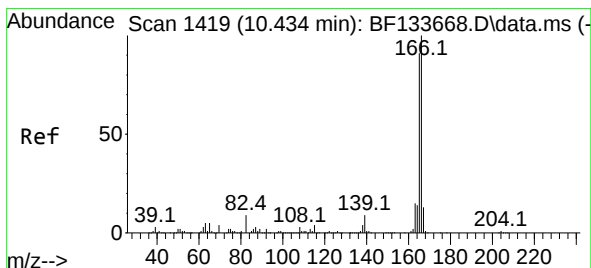
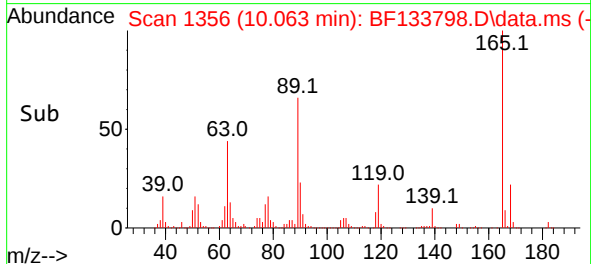
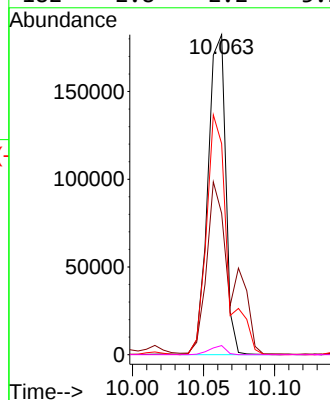
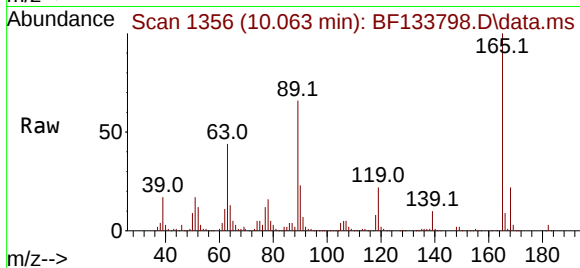




#57
2,4-Dinitrotoluene
Concen: 43.630 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

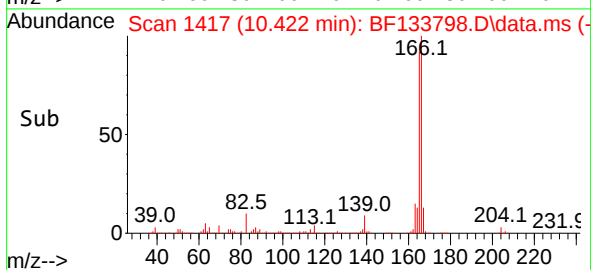
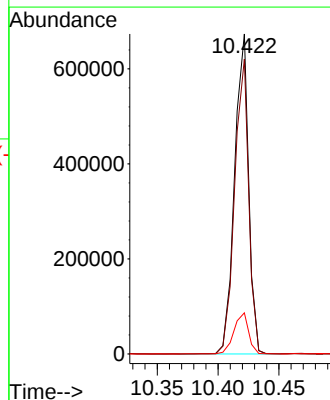
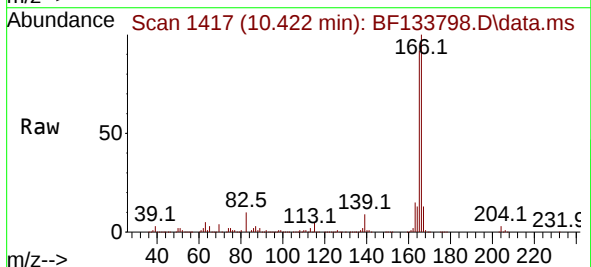
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:165 Resp: 158798
Ion Ratio Lower Upper
165 100
63 44.1 43.0 64.6
89 66.0 62.6 93.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.407 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:166 Resp: 541758
Ion Ratio Lower Upper
166 100
165 92.1 73.1 109.7
167 12.9 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.320 ng

RT: 10.192 min Scan# 1378

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

Tgt Ion:232 Resp: 135808

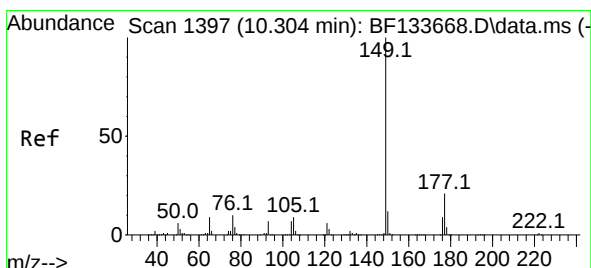
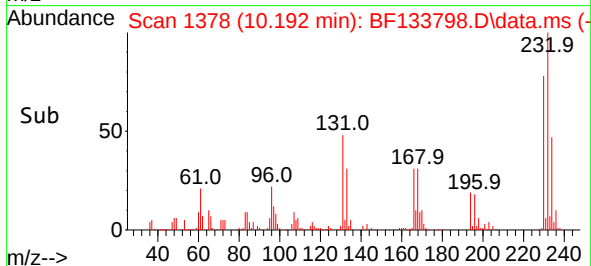
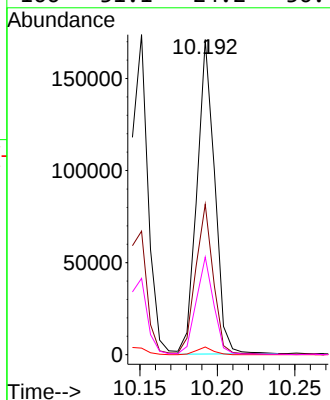
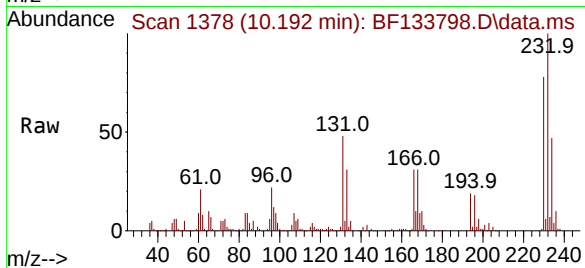
Ion Ratio Lower Upper

232 100

131 48.3 38.0 57.0

130 2.3 1.8 2.8

166 31.1 24.2 36.4



#60

Diethylphthalate

Concen: 39.219 ng

RT: 10.292 min Scan# 1395

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

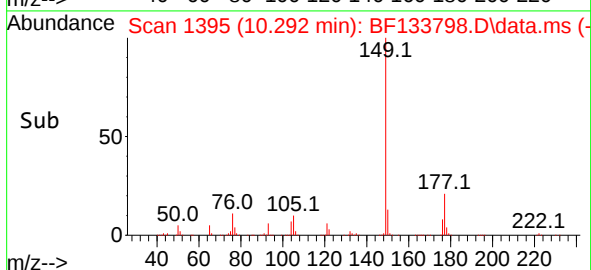
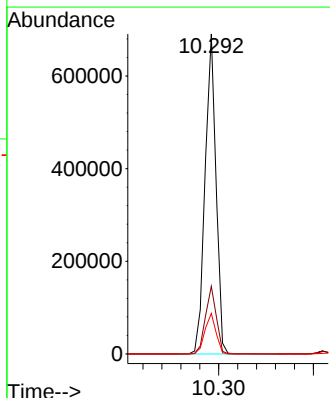
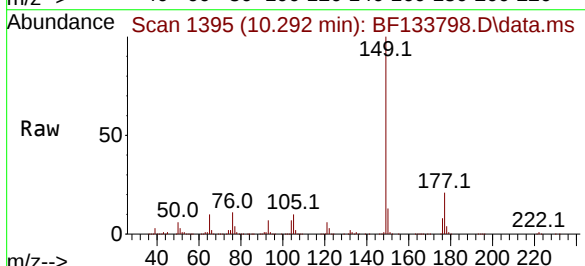
Tgt Ion:149 Resp: 553413

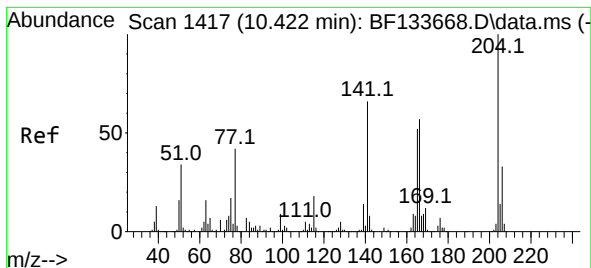
Ion Ratio Lower Upper

149 100

177 21.1 17.0 25.6

150 12.6 10.0 15.0

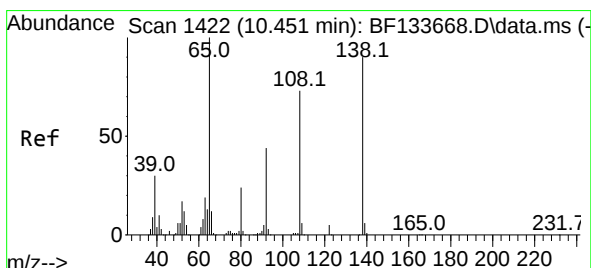
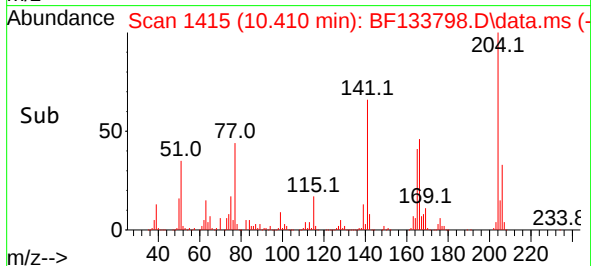
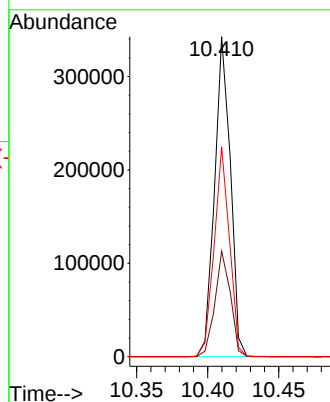
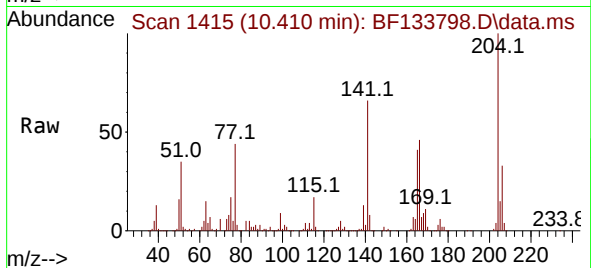




#61
4-Chlorophenyl-phenylether
Concen: 41.891 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

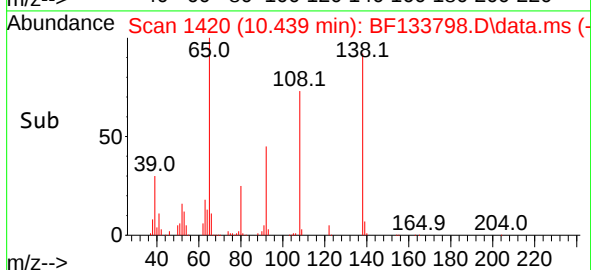
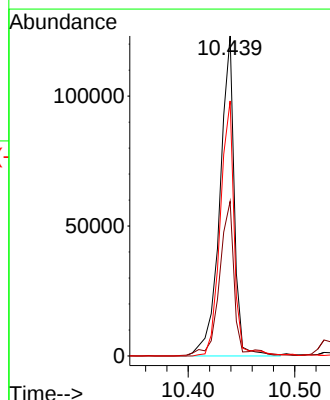
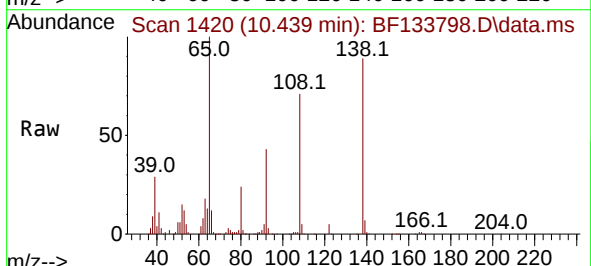
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:204 Resp: 264194
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 65.6 52.8 79.2



#62
4-Nitroaniline
Concen: 33.870 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:138 Resp: 115653
Ion Ratio Lower Upper
138 100
92 48.3 28.9 68.9
108 79.7 61.0 101.0





#63

Azobenzene

Concen: 42.199 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

Tgt Ion: 77 Resp: 563717

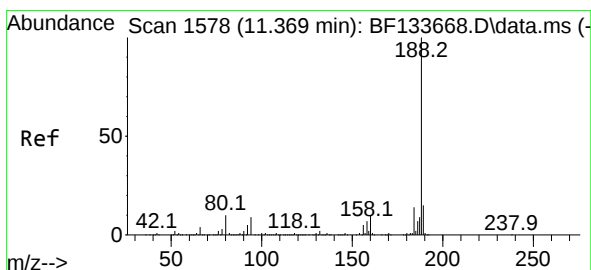
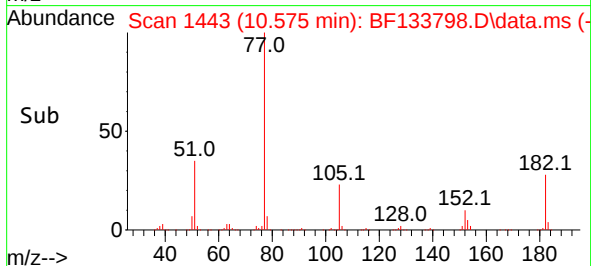
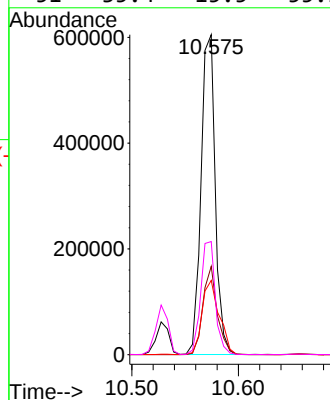
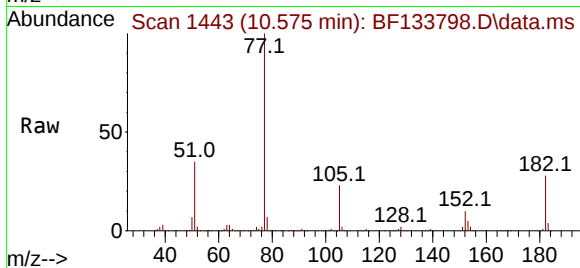
Ion Ratio Lower Upper

77 100

182 27.6 1.6 41.6

105 23.2 1.6 41.6

51 35.4 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

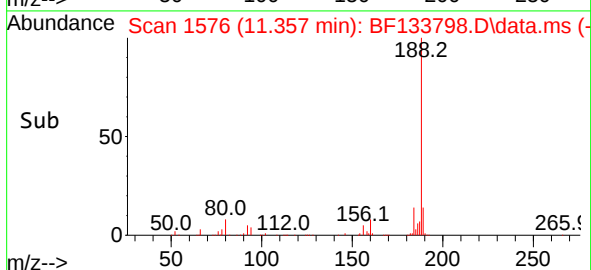
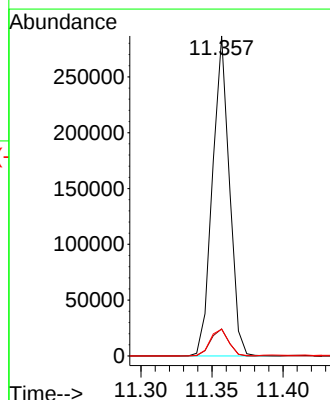
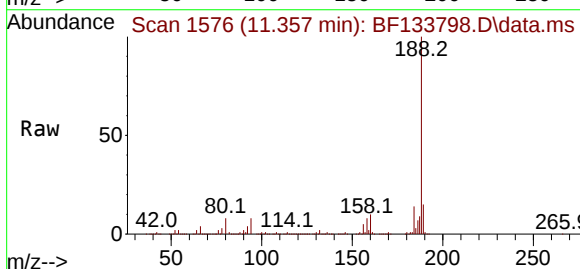
Tgt Ion:188 Resp: 237432

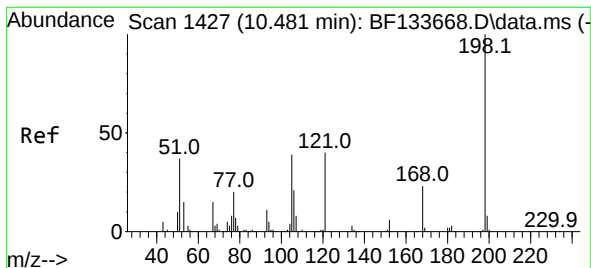
Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 8.4 7.8 11.6

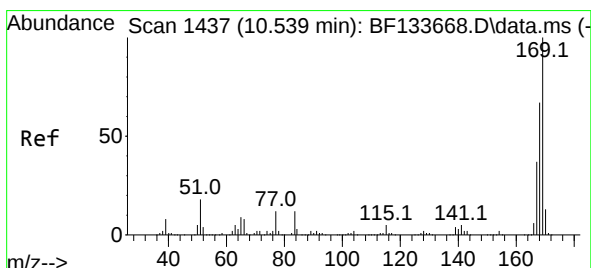
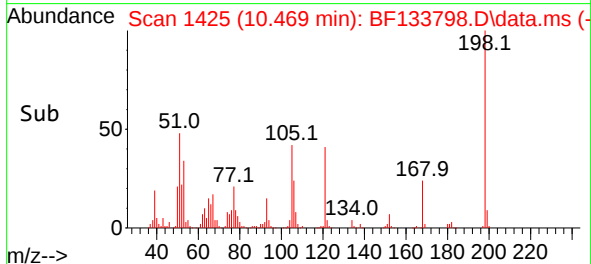
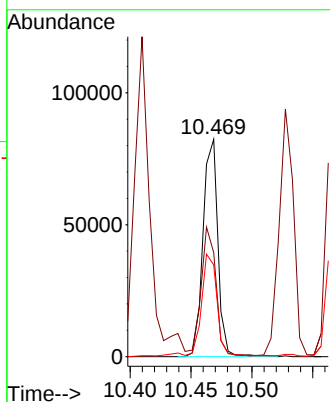
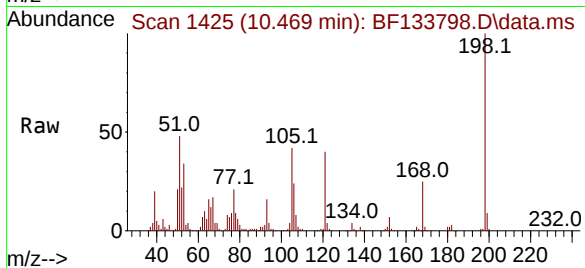




#65
4,6-Dinitro-2-methylphenol
Concen: 61.512 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

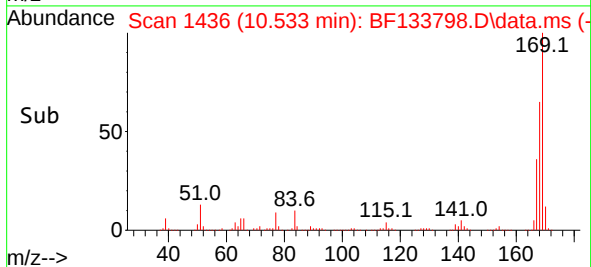
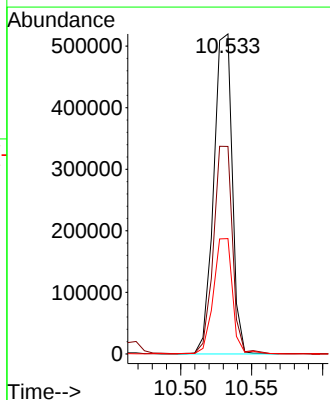
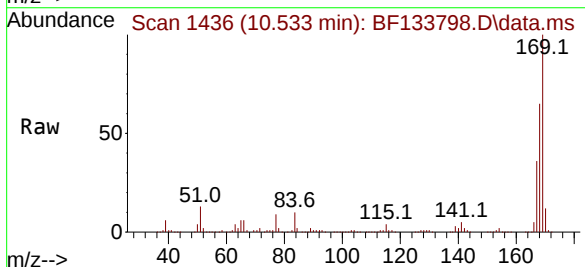
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:198 Resp: 69789
Ion Ratio Lower Upper
198 100
51 47.8 27.5 67.5
105 42.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 59.039 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:169 Resp: 470855
Ion Ratio Lower Upper
169 100
168 64.9 53.7 80.5
167 36.1 29.8 44.8

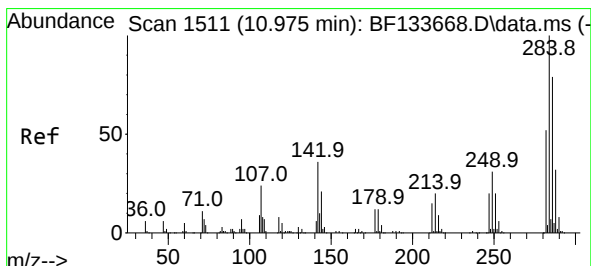
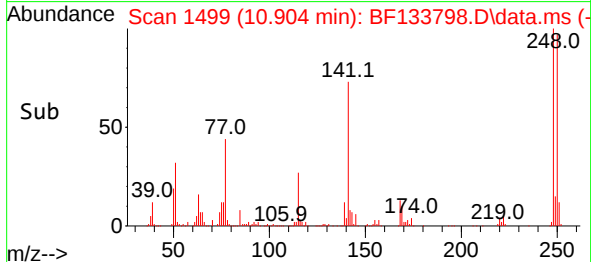
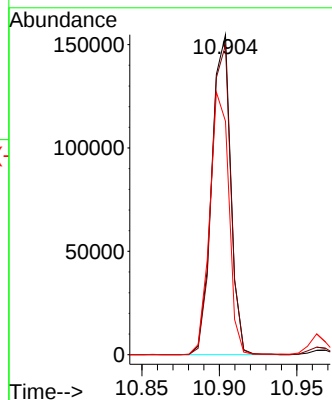
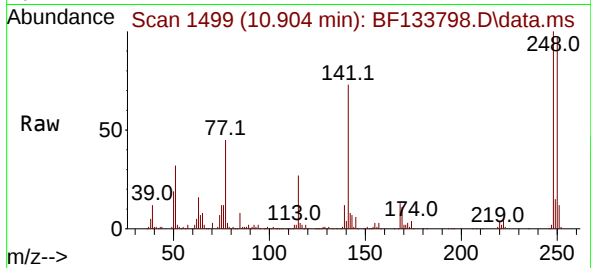




#67
4-Bromophenyl-phenylether
Concen: 49.973 ng
RT: 10.904 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

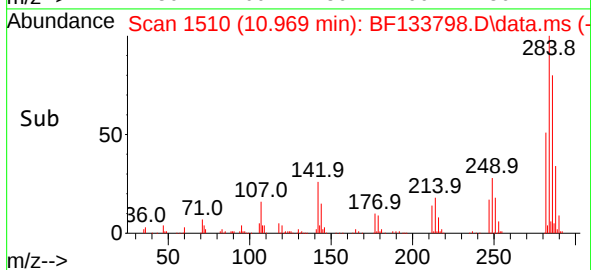
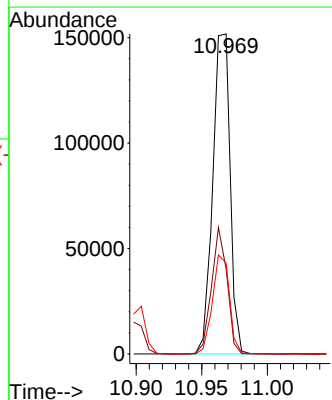
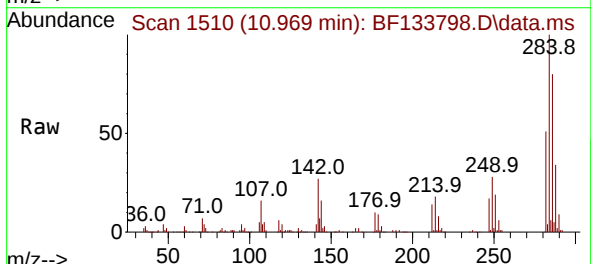
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

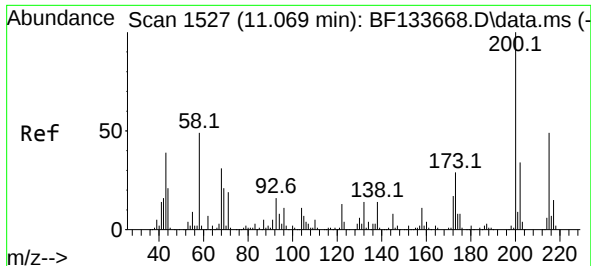
Tgt Ion:248 Resp: 132432
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 72.9 69.0 103.6



#68
Hexachlorobenzene
Concen: 50.209 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:284 Resp: 139920
Ion Ratio Lower Upper
284 100
142 26.6 28.6 42.8#
249 28.4 24.6 36.8

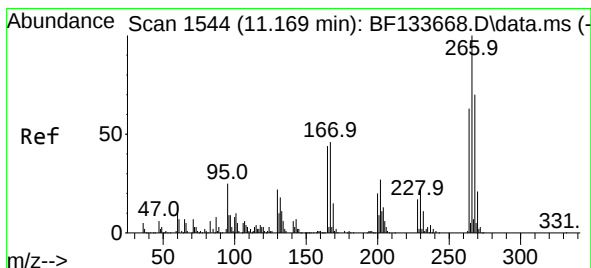
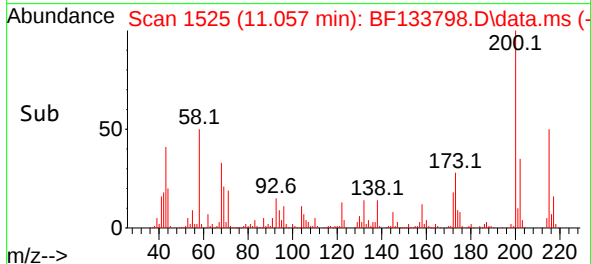
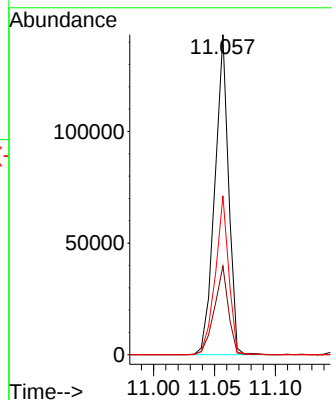
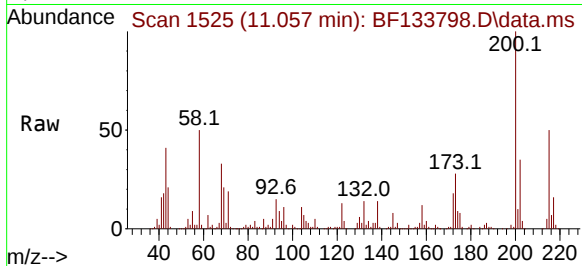




#69
 Atrazine
 Concen: 48.609 ng
 RT: 11.057 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

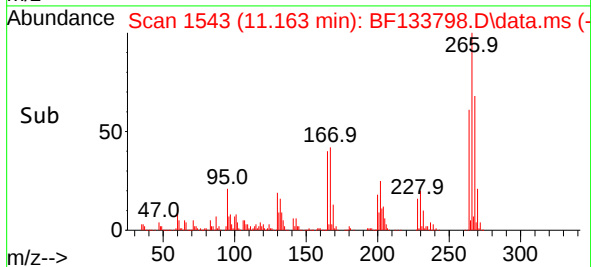
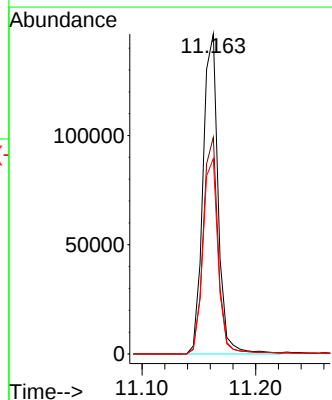
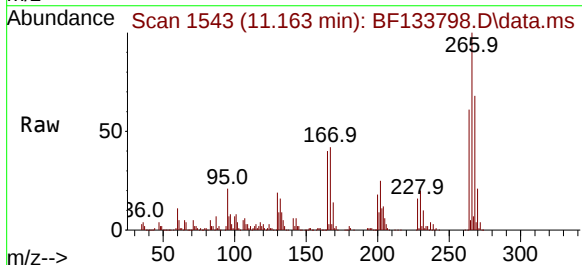
Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MS

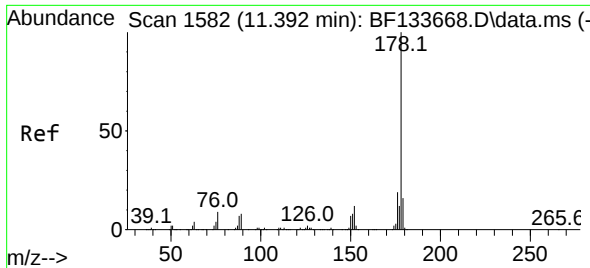
Tgt Ion:200 Resp: 112484
 Ion Ratio Lower Upper
 200 100
 173 27.7 8.7 48.7
 215 49.7 29.0 69.0



#70
 Pentachlorophenol
 Concen: 81.471 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. -0.000 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

Tgt Ion:266 Resp: 135952
 Ion Ratio Lower Upper
 266 100
 268 67.7 55.7 83.5
 264 61.0 50.7 76.1

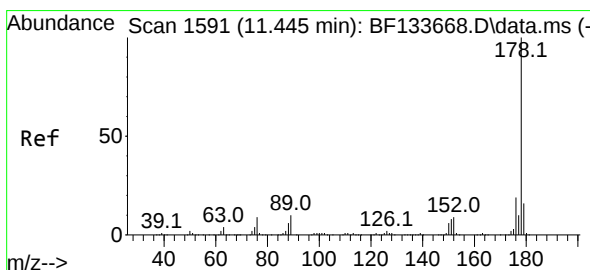
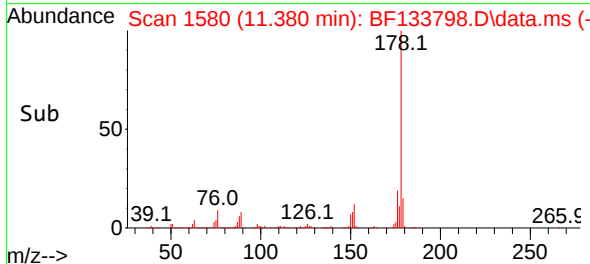
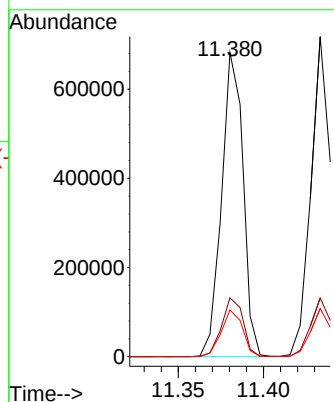
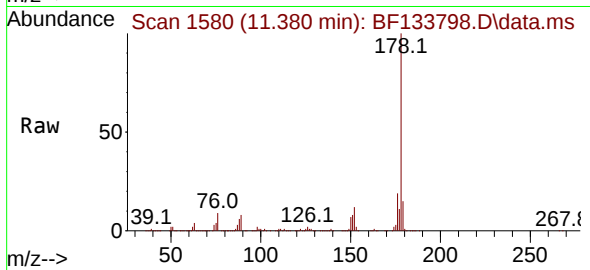




#71
Phenanthrene
Concen: 49.672 ng
RT: 11.380 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

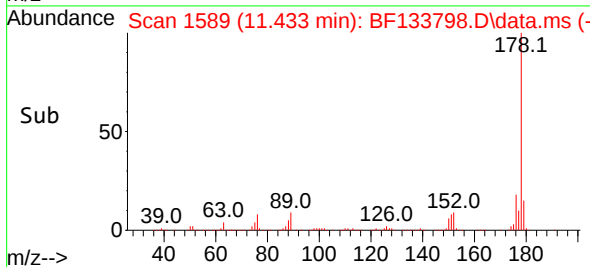
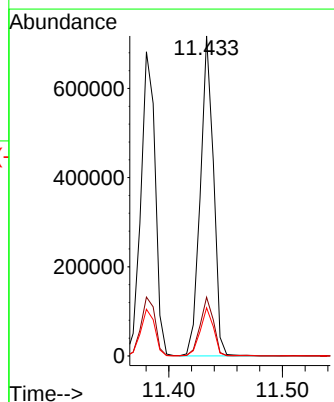
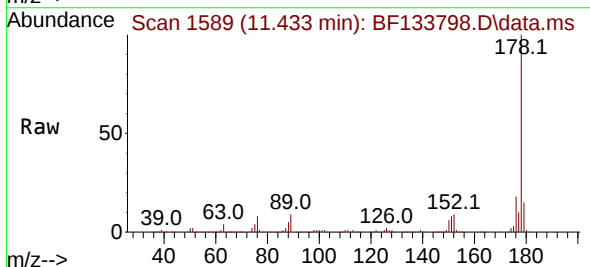
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

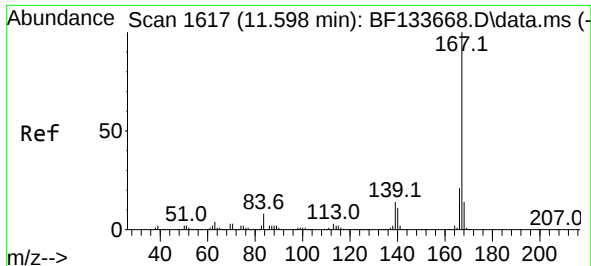
Tgt Ion:178 Resp: 598355
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 45.877 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:178 Resp: 576226
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.0 12.6 18.8

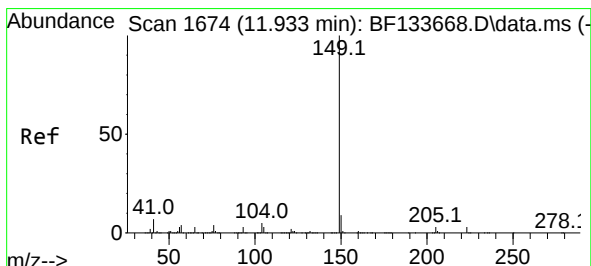
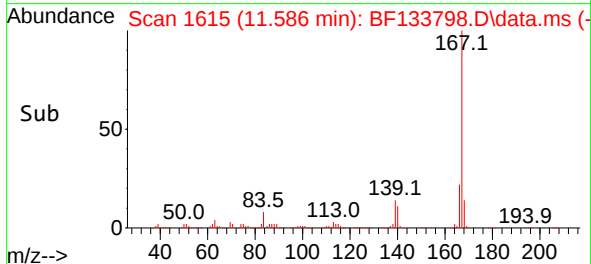
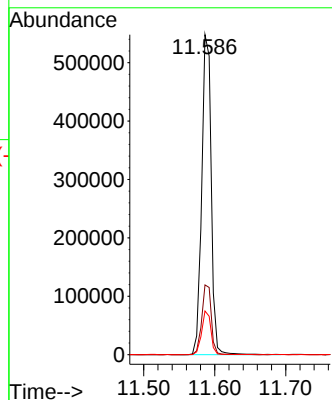
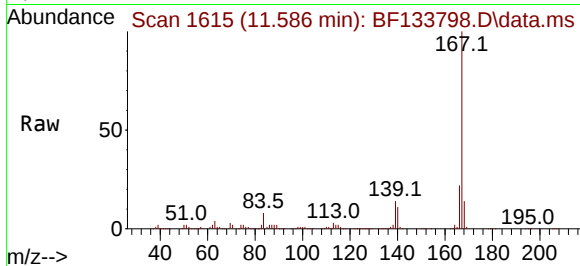




#73
 Carbazole
 Concen: 43.649 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

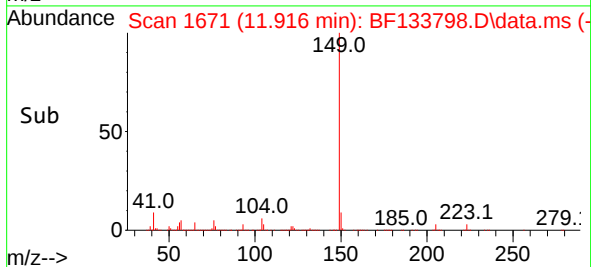
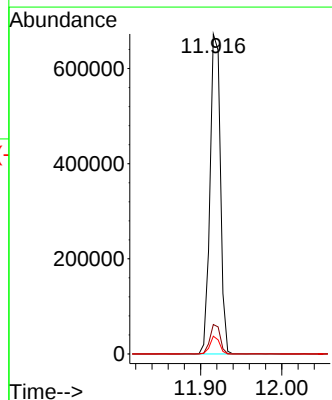
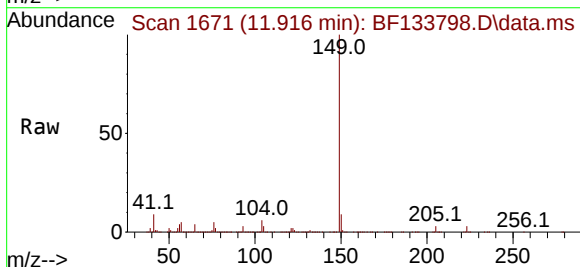
Instrument :
 BNA_F
 ClientSampleId :
 RT-4194MS

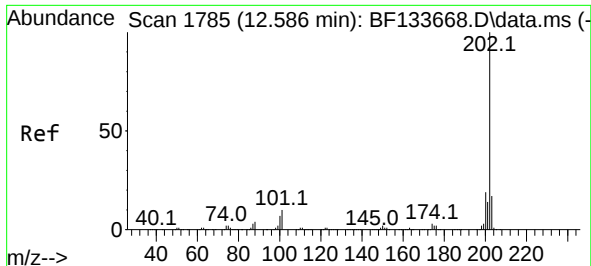
Tgt Ion:167 Resp: 510615
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.6 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 39.644 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.006 min
 Lab File: BF133798.D
 Acq: 16 Jun 2023 03:42

Tgt Ion:149 Resp: 594550
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 3.8 5.8

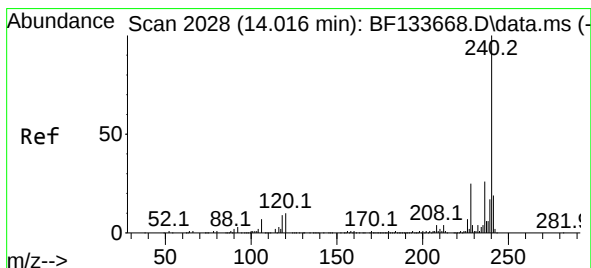
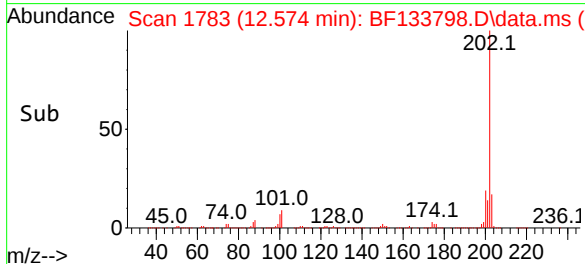
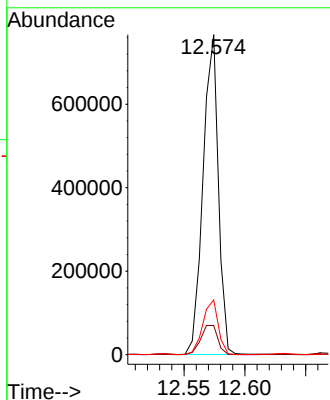
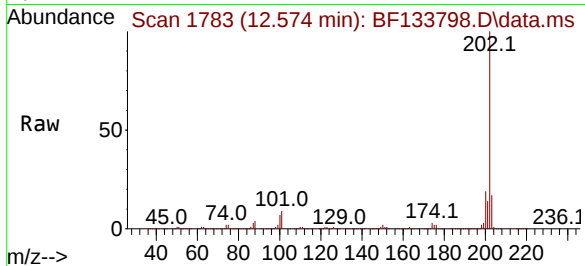




#75
Fluoranthene
Concen: 52.231 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

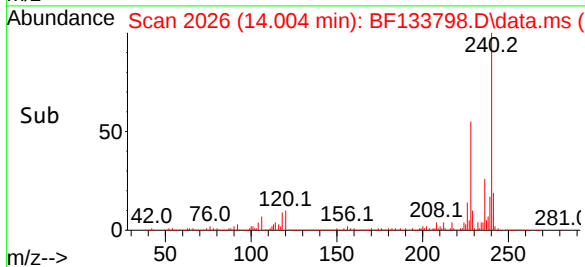
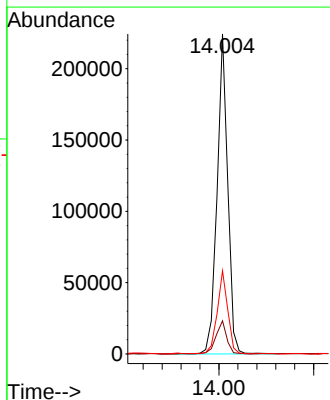
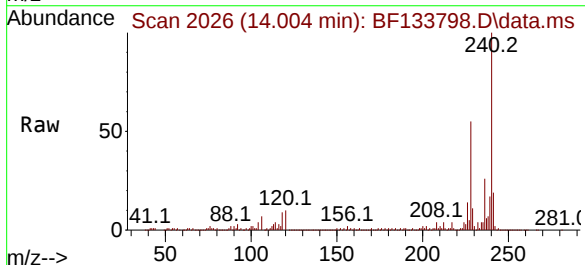
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

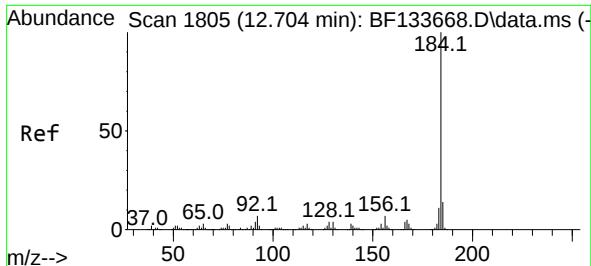
Tgt Ion:202 Resp: 668152
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.6
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:240 Resp: 174639
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.0 20.5 30.7

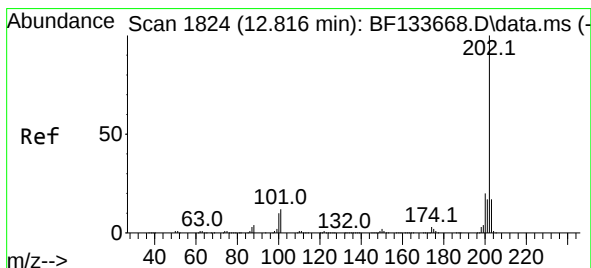
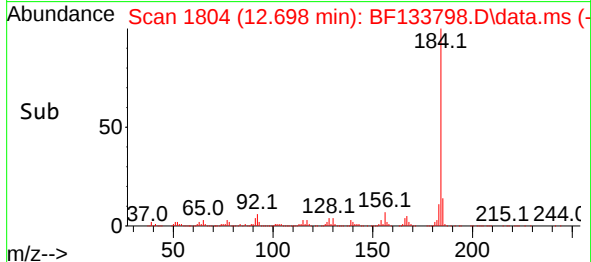
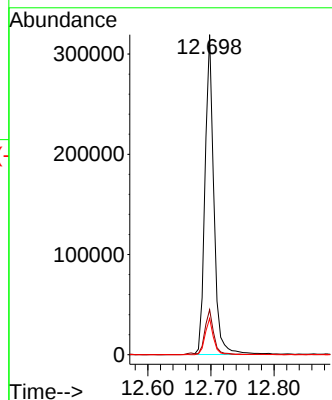
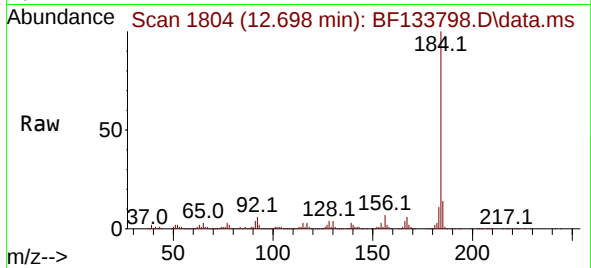




#77
Benzidine
Concen: 53.187 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

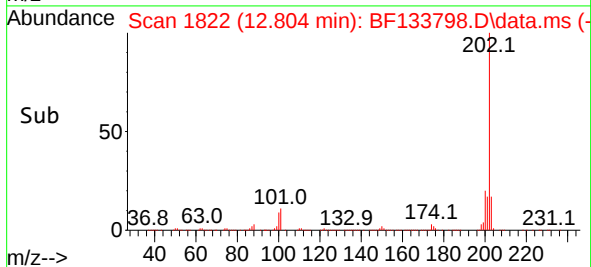
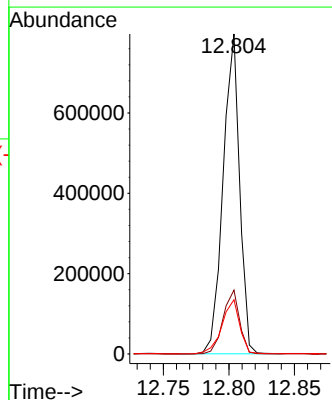
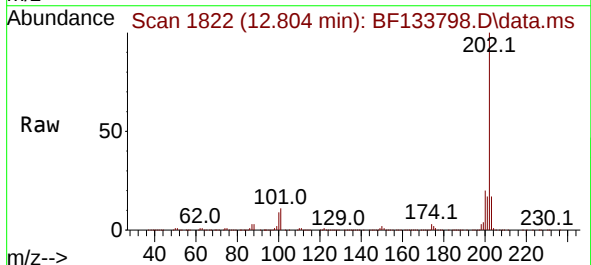
Instrument :
BNA_F
ClientSampleId :
RT-4194MS

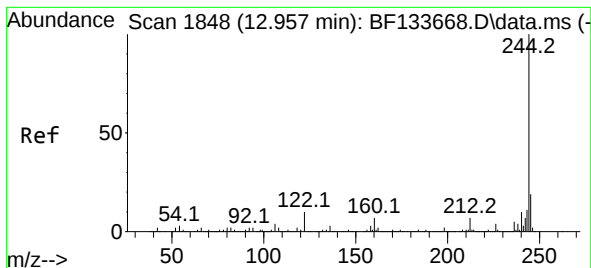
Tgt Ion:184 Resp: 311688
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.3 8.4 12.6



#78
Pyrene
Concen: 42.688 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:202 Resp: 694464
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.0 13.9 20.9





#79

Terphenyl-d14

Concen: 37.006 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

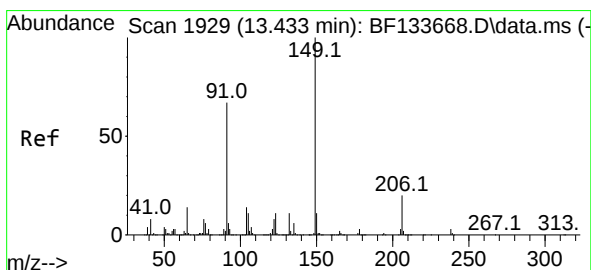
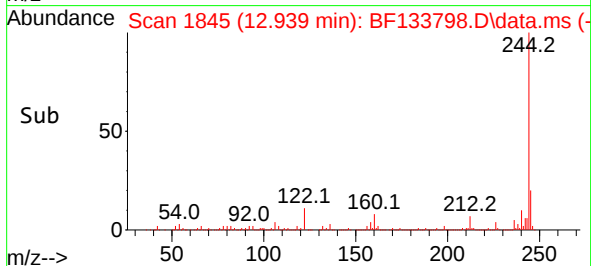
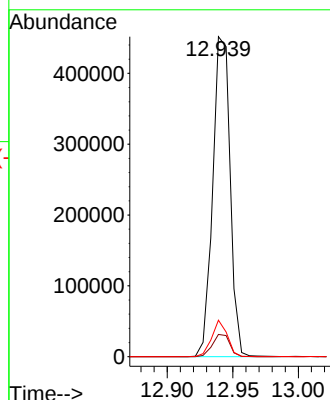
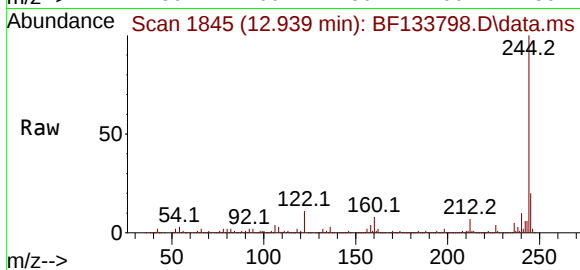
Tgt Ion:244 Resp: 417662

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.4 8.1 12.1



#80

Butylbenzylphthalate

Concen: 35.095 ng

RT: 13.421 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

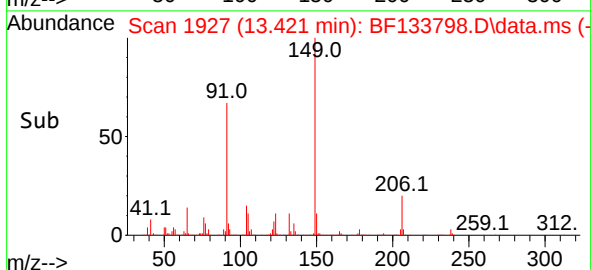
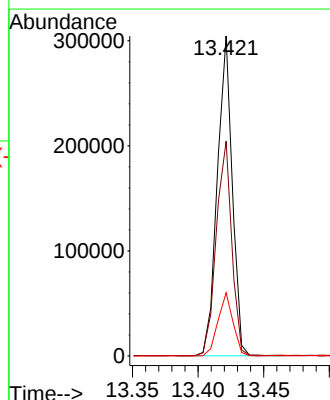
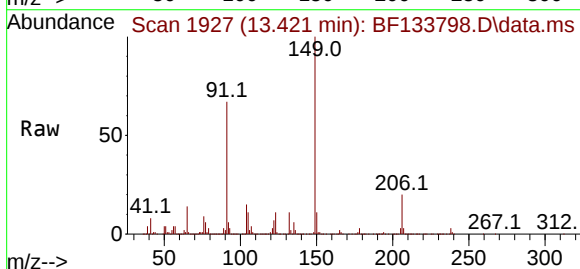
Tgt Ion:149 Resp: 241031

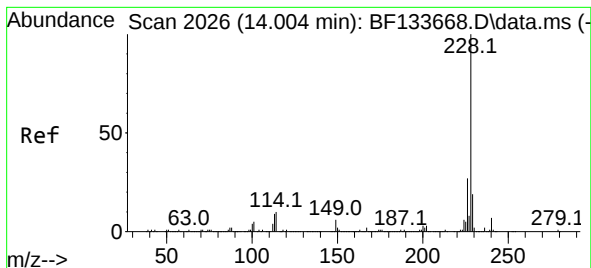
Ion Ratio Lower Upper

149 100

91 67.1 54.0 81.0

206 19.7 15.6 23.4





#81

Benzo(a)anthracene

Concen: 52.591 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

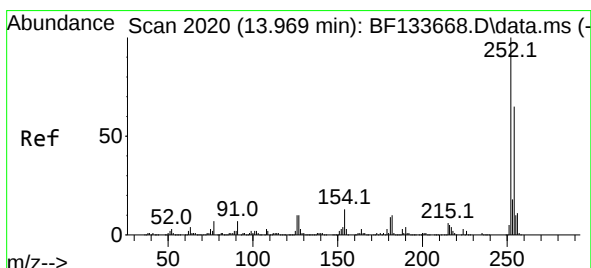
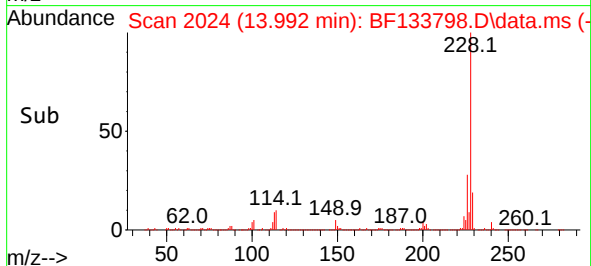
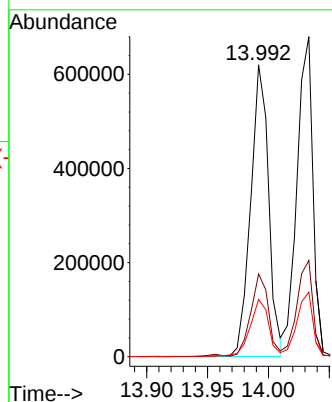
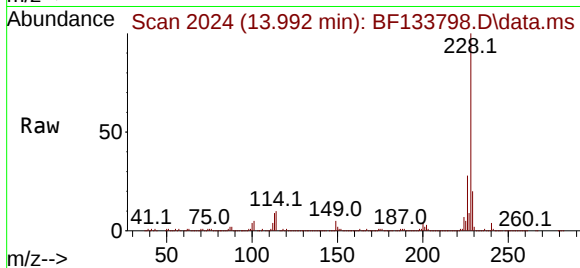
Tgt Ion:228 Resp: 635293

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 19.7 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 49.930 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

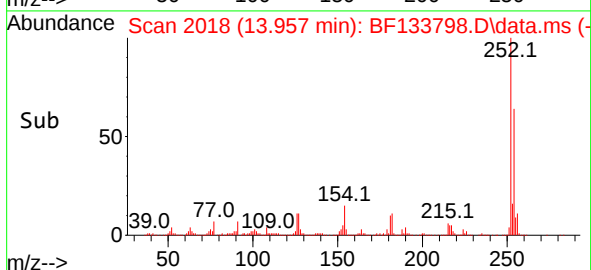
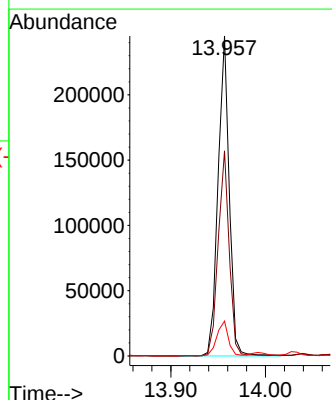
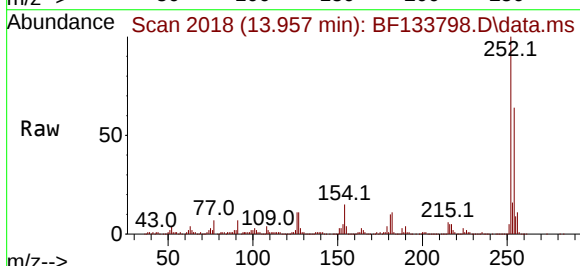
Tgt Ion:252 Resp: 200523

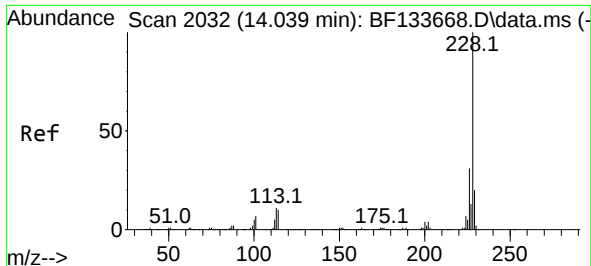
Ion Ratio Lower Upper

252 100

254 64.1 51.9 77.9

126 10.9 7.7 11.5





#83

Chrysene

Concen: 54.373 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

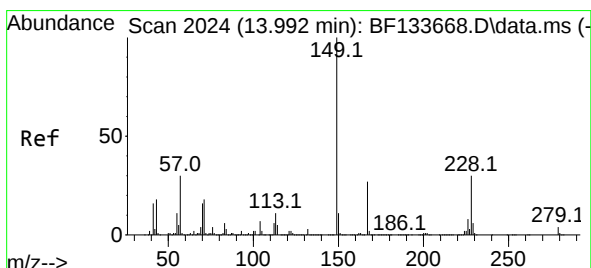
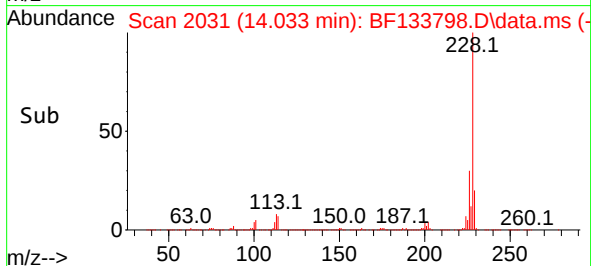
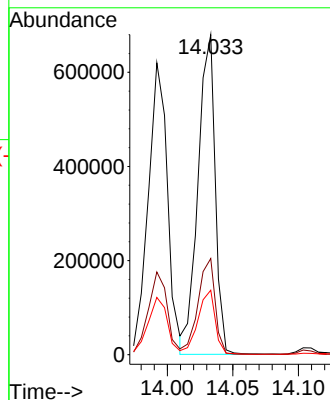
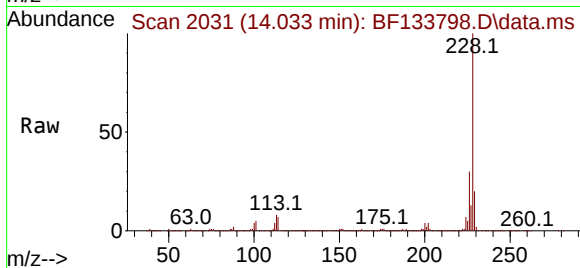
Tgt Ion:228 Resp: 621236

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.024 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

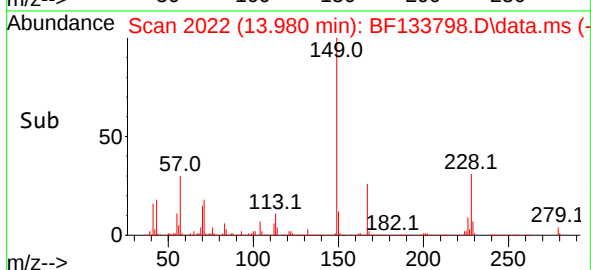
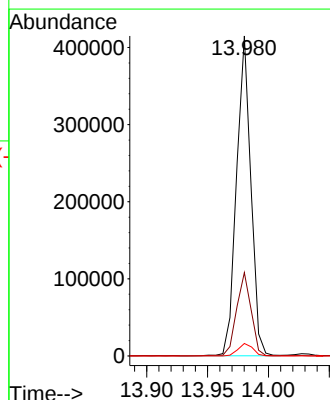
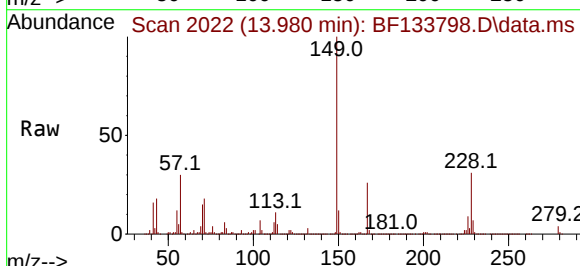
Tgt Ion:149 Resp: 338456

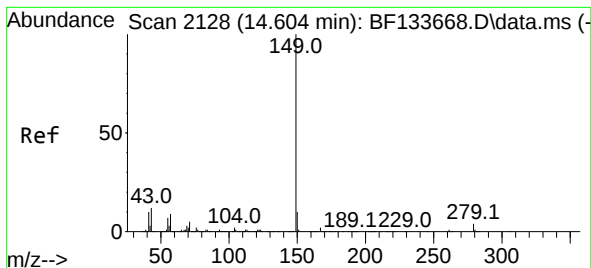
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.675 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

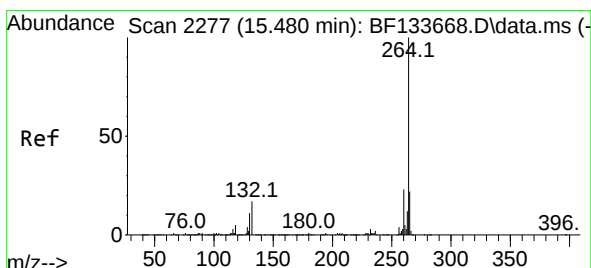
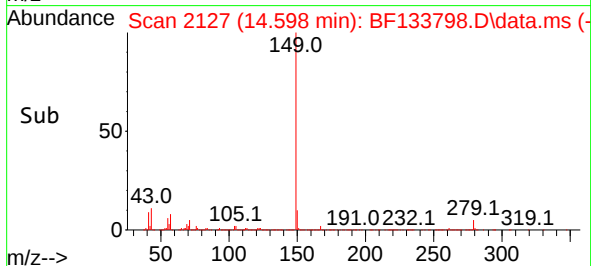
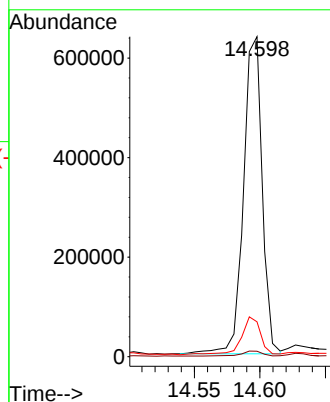
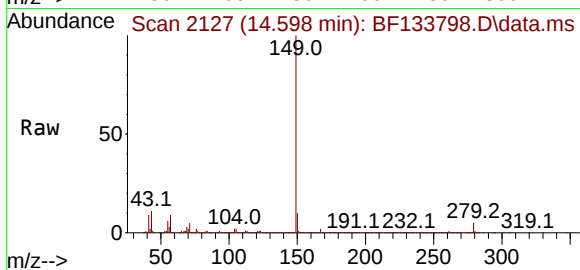
Tgt Ion:149 Resp: 632992

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.0#

43 12.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

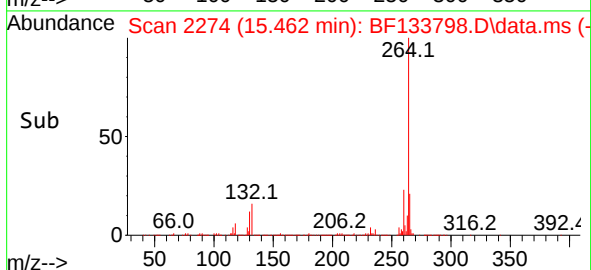
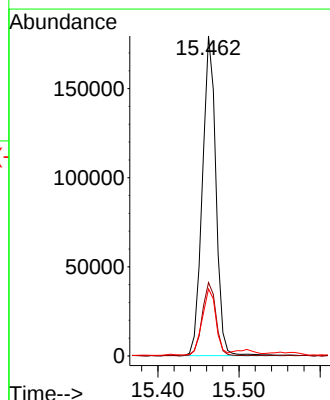
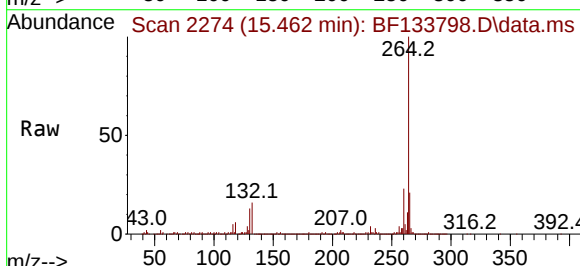
Tgt Ion:264 Resp: 207086

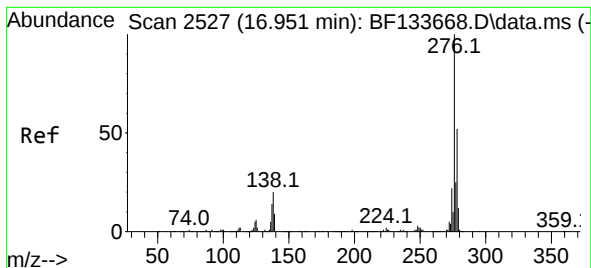
Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 20.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.541 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

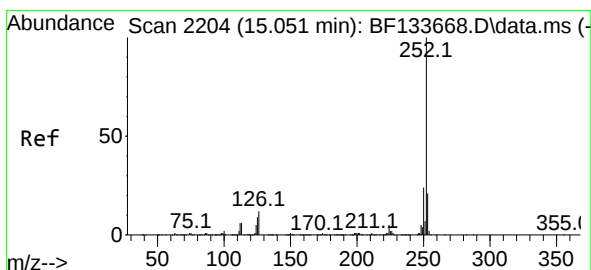
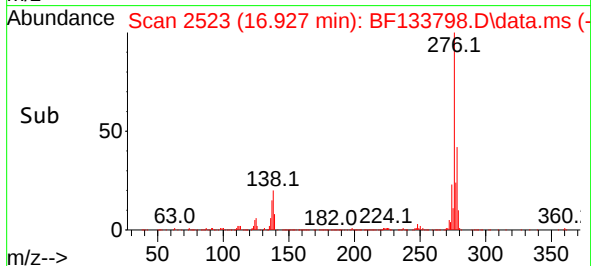
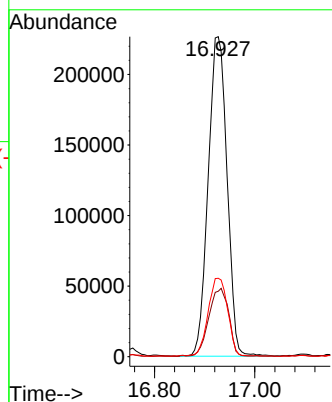
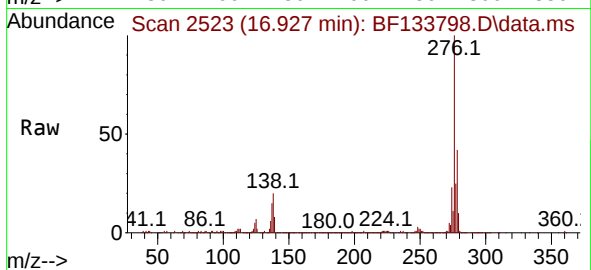
Tgt Ion:276 Resp: 591834

Ion Ratio Lower Upper

276 100

138 22.1 17.9 26.9

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 60.061 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

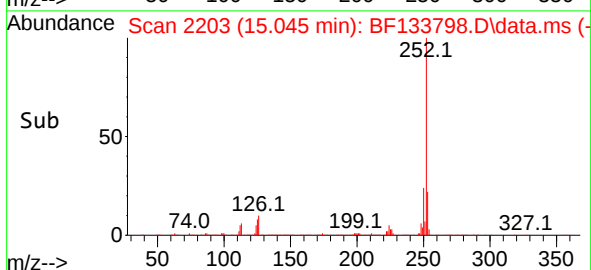
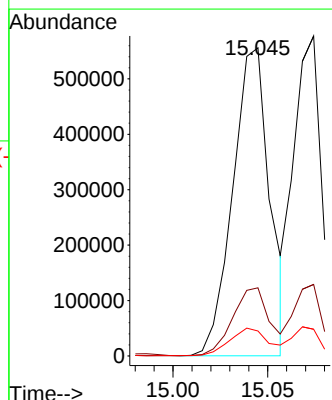
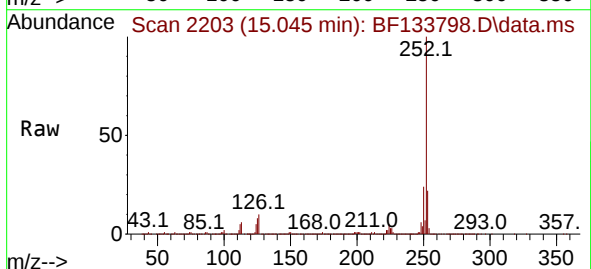
Tgt Ion:252 Resp: 755549

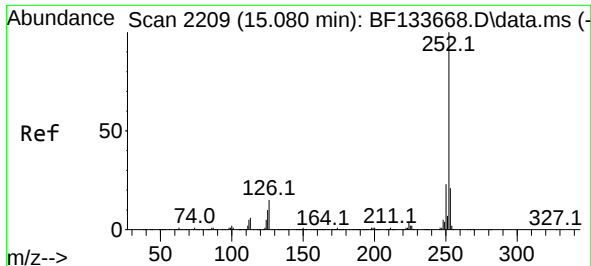
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 8.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 48.139 ng

RT: 15.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

Instrument :

BNA_F

ClientSampleId :

RT-4194MS

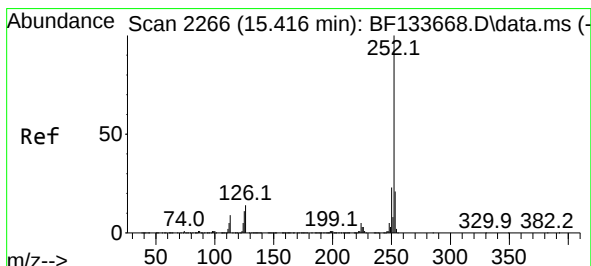
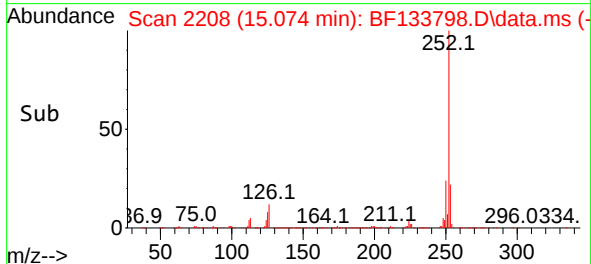
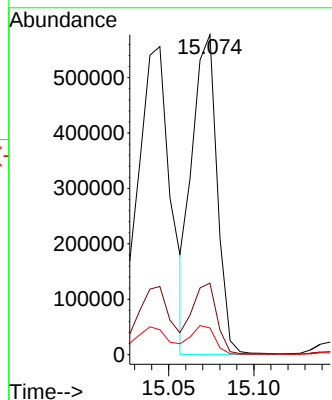
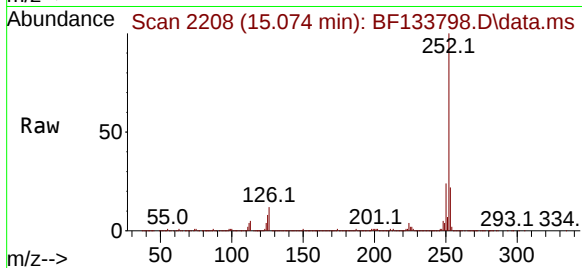
Tgt Ion:252 Resp: 589892

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 8.4 7.8 11.6



#90

Benzo(a)pyrene

Concen: 51.392 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF133798.D

Acq: 16 Jun 2023 03:42

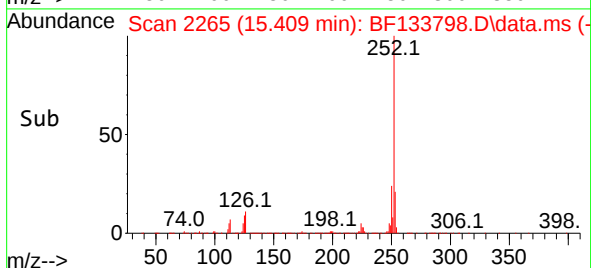
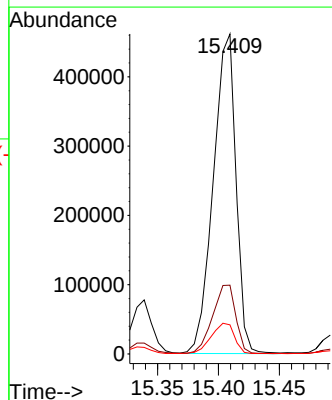
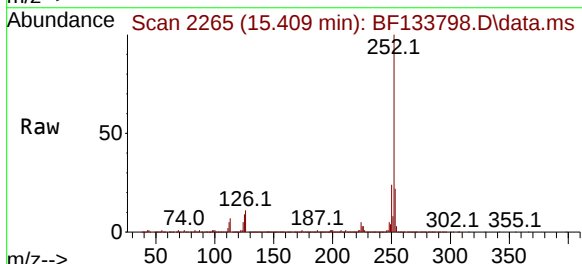
Tgt Ion:252 Resp: 599990

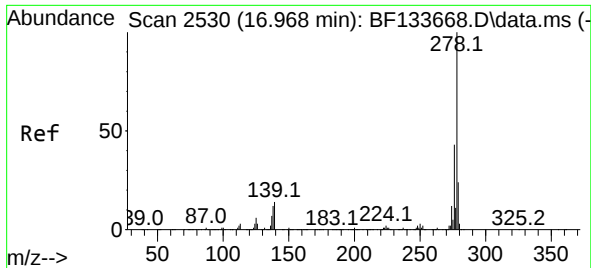
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.1 8.6 13.0

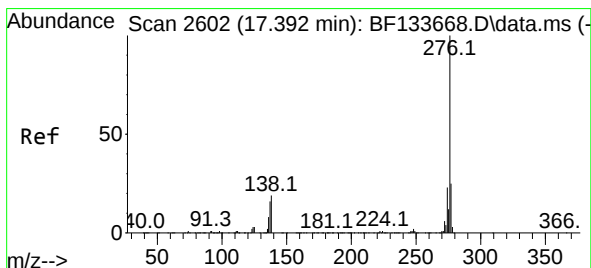
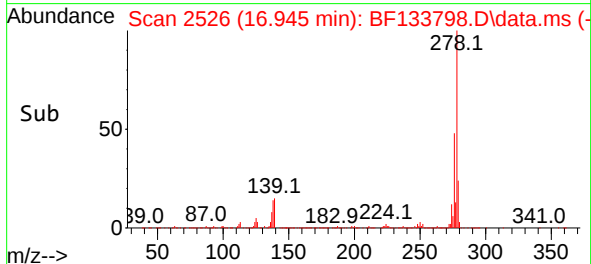
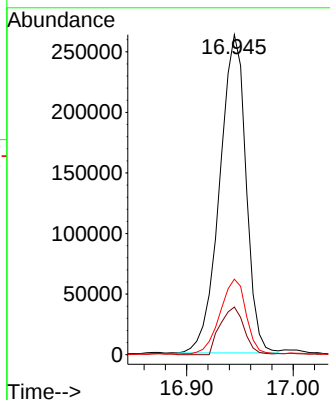
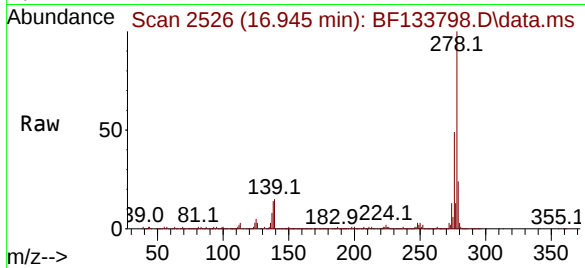




#91
Dibenzo(a,h)anthracene
Concen: 38.265 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Tgt Ion:278 Resp: 451326
Ion Ratio Lower Upper
278 100
139 14.9 11.4 17.2
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.470 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF133798.D
Acq: 16 Jun 2023 03:42

Tgt Ion:276 Resp: 461580
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 18.9 15.0 22.4

