

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133191.D
 Acq On : 02 May 2023 16:19
 Operator : CG\JU
 Sample : 02568-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Quant Time: May 03 06:19:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	219404	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	885571	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	461844	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	799627	20.000	ng	0.00
76) Chrysene-d12	13.886	240	422218	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	410850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1481866	102.027	ng	0.01
7) Phenol-d6	6.381	99	1819612	100.935	ng	0.00
23) Nitrobenzene-d5	7.298	82	1101988	67.168	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	443633	95.513	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1901118	68.867	ng	0.00
79) Terphenyl-d14	12.839	244	1958590	80.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	297924	44.223	ng	97
3) Pyridine	3.181	79	744721	41.621	ng	97
4) n-Nitrosodimethylamine	3.140	42	411766	44.429	ng	98
6) Aniline	6.392	93	774716	33.366	ng	# 16
8) 2-Chlorophenol	6.516	128	736238	49.925	ng	97
9) Benzaldehyde	6.275	77	408616	56.358	ng	99
10) Phenol	6.392	94	858184	43.151	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	682896	45.758	ng	100
12) 1,3-Dichlorobenzene	6.675	146	756710	48.264	ng	97
13) 1,4-Dichlorobenzene	6.751	146	761724	48.476	ng	97
14) 1,2-Dichlorobenzene	6.904	146	732653	50.574	ng	99
15) Benzyl Alcohol	6.881	79	616017	49.468	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1112147	42.905	ng	96
17) 2-Methylphenol	6.998	107	591312	43.790	ng	98
18) Hexachloroethane	7.245	117	262369	48.026	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	461824	41.149	ng	96
20) 3+4-Methylphenols	7.151	107	697816	43.881	ng	# 86
22) Acetophenone	7.145	105	959424	46.769	ng	# 98
24) Nitrobenzene	7.316	77	743102	44.698	ng	96
25) Isophorone	7.557	82	1390472	44.638	ng	99
26) 2-Nitrophenol	7.634	139	411558	51.324	ng	96
27) 2,4-Dimethylphenol	7.681	122	656515	47.746	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	819237	44.456	ng	99
29) 2,4-Dichlorophenol	7.881	162	589157	47.068	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	616646	47.552	ng	98
31) Naphthalene	8.039	128	1997255	45.109	ng	99
32) Benzoic acid	7.822	122	452968	53.333	ng	96
33) 4-Chloroaniline	8.086	127	263271	14.717	ng	99
34) Hexachlorobutadiene	8.157	225	333431	46.392	ng	98
35) Caprolactam	8.475	113	155777	37.046	ng	92
36) 4-Chloro-3-methylphenol	8.581	107	662438	49.076	ng	98
37) 2-Methylnaphthalene	8.728	142	1331249	43.979	ng	99
38) 1-Methylnaphthalene	8.828	142	1247207	44.044	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	546193	43.985	ng	99
41) Hexachlorocyclopentadiene	8.886	237	662987	91.547	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	401061	46.702	ng	99

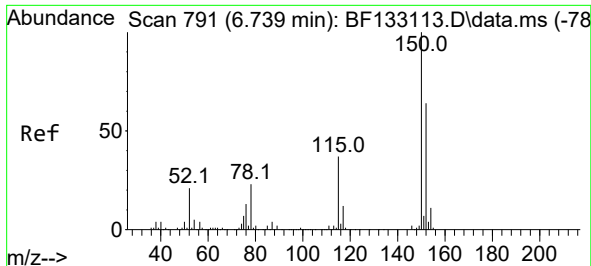
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	435824	43.881	ng	100
46) 1,1'-Biphenyl	9.198	154	1612709	44.036	ng	98
47) 2-Chloronaphthalene	9.222	162	1245511	46.466	ng	97
48) 2-Nitroaniline	9.316	65	396688	44.778	ng	98
49) Acenaphthylene	9.633	152	1897614	44.305	ng	100
50) Dimethylphthalate	9.504	163	1470988	45.678	ng	98
51) 2,6-Dinitrotoluene	9.557	165	345279	47.637	ng	97
52) Acenaphthene	9.804	154	1194270	41.633	ng	99
53) 3-Nitroaniline	9.728	138	279727	32.458	ng	95
54) 2,4-Dinitrophenol	9.839	184	404959	111.152	ng	# 86
55) Dibenzofuran	9.980	168	1711469	43.738	ng	99
56) 4-Nitrophenol	9.898	139	622803	93.304	ng	93
57) 2,4-Dinitrotoluene	9.963	165	439639	47.562	ng	96
58) Fluorene	10.322	166	1250599	43.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	350773	45.556	ng	98
60) Diethylphthalate	10.198	149	1377577	45.288	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	596822	42.720	ng	95
62) 4-Nitroaniline	10.345	138	387170	48.879	ng	99
63) Azobenzene	10.475	77	1575851	48.904	ng	96
65) 4,6-Dinitro-2-methylph...	10.375	198	271556	56.029	ng	97
66) n-Nitrosodiphenylamine	10.433	169	1160078	44.725	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	389274	44.886	ng	95
68) Hexachlorobenzene	10.869	284	425079	47.834	ng	99
69) Atrazine	10.963	200	401994	53.787	ng	99
70) Pentachlorophenol	11.063	266	497195	78.559	ng	98
71) Phenanthrene	11.280	178	2078898	48.372	ng	99
72) Anthracene	11.333	178	1958967	44.539	ng	99
73) Carbazole	11.486	167	1783686	45.545	ng	99
74) Di-n-butylphthalate	11.822	149	2119389	47.820	ng	99
75) Fluoranthene	12.463	202	2180964	50.564	ng	99
77) Benzidine	12.586	184	840007	117.649	ng	# 93
78) Pyrene	12.692	202	2154816	59.535	ng	99
80) Butylbenzylphthalate	13.316	149	814616	63.566	ng	97
81) Benzo(a)anthracene	13.880	228	1433168	49.361	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	340589	42.463	ng	99
83) Chrysene	13.915	228	1403870	48.364	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	890929	55.387	ng	98
85) Di-n-octyl phthalate	14.486	149	1563672	59.618	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1495171	63.978	ng	99
88) Benzo(b)fluoranthene	14.904	252	1318519	50.445	ng	98
89) Benzo(k)fluoranthene	14.933	252	1210603	46.723	ng	99
90) Benzo(a)pyrene	15.251	252	1136279	47.761	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	1205943	61.870	ng	100
92) Benzo(g,h,i)perylene	17.115	276	1253745	65.152	ng	97

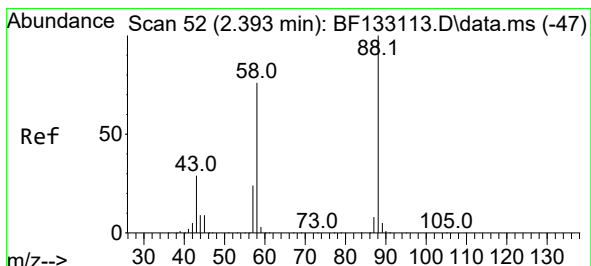
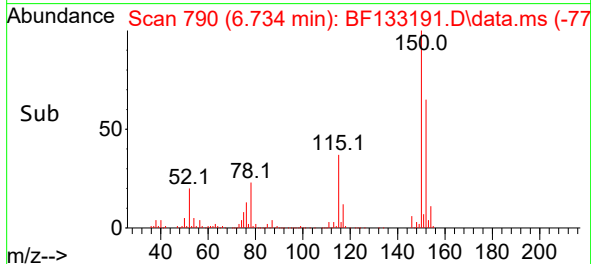
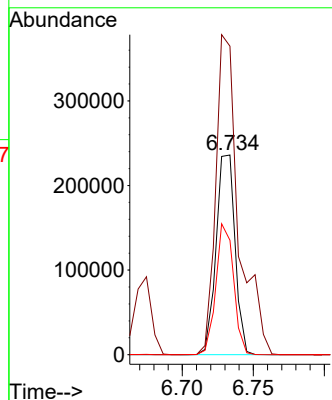
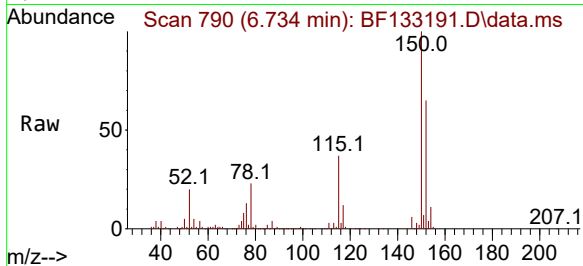
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133191.D
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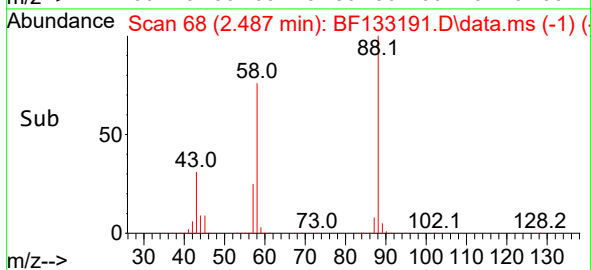
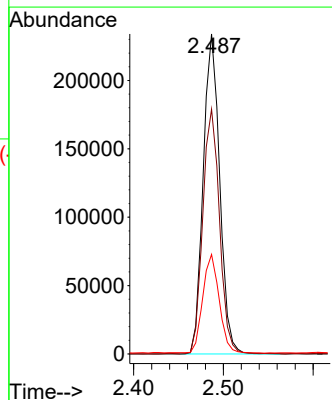
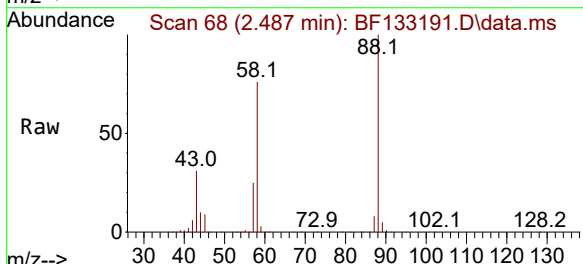
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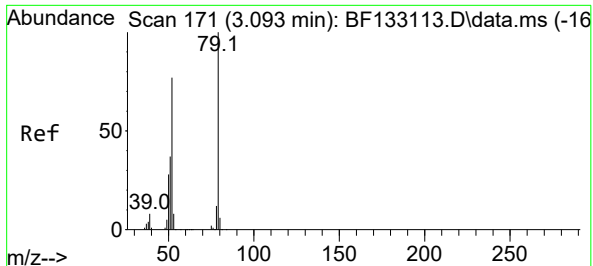
Tgt Ion:152 Resp: 219404
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.8 187.2
 115 57.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.223 ng
 RT: 2.487 min Scan# 68
 Delta R.T. 0.106 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

Tgt Ion: 88 Resp: 297924
 Ion Ratio Lower Upper
 88 100
 58 77.9 64.7 97.1
 43 30.8 26.2 39.2

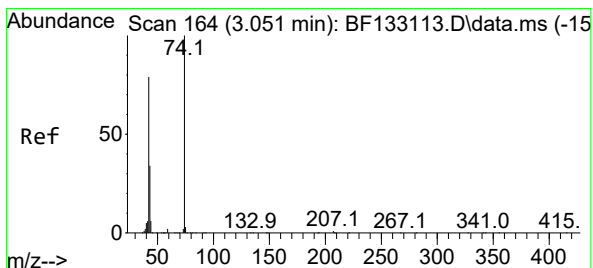
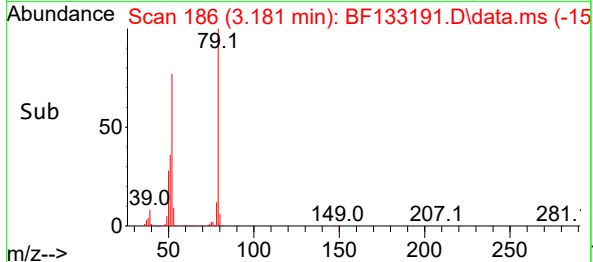
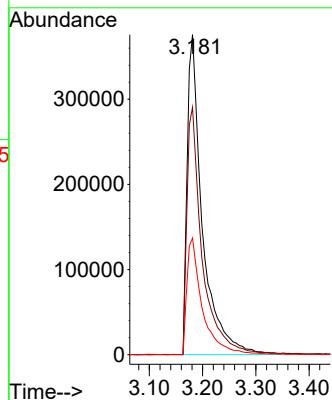
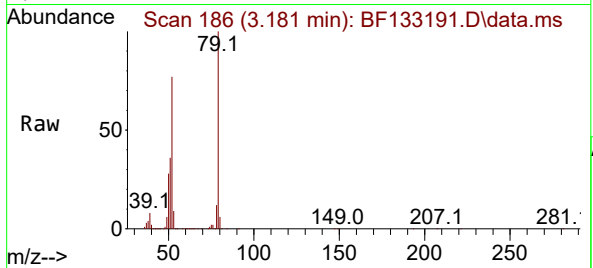




#3
Pyridine
Concen: 41.621 ng
RT: 3.181 min Scan# 171
Delta R.T. 0.100 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

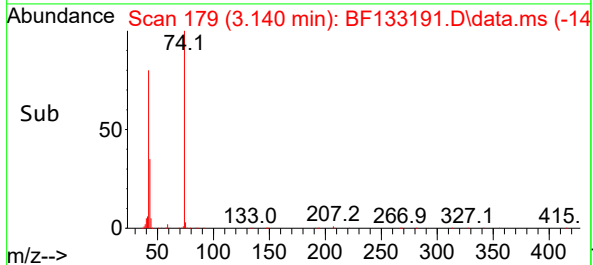
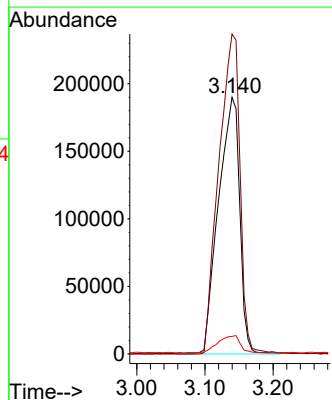
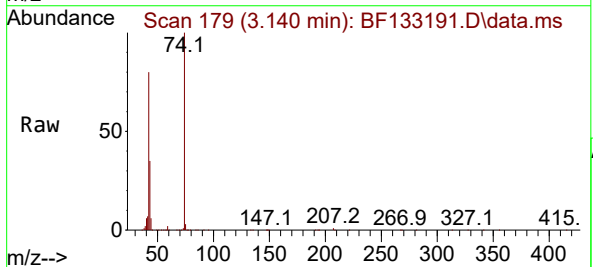
Instrument :
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ClientSampleId :
72-11938MS

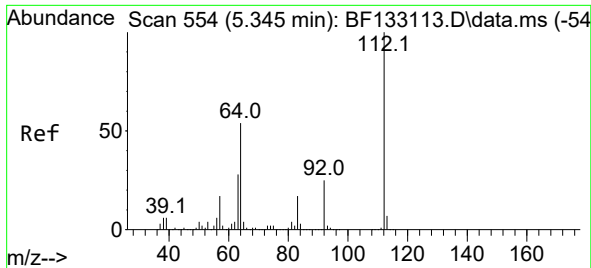
Tgt Ion: 79 Resp: 744721
Ion Ratio Lower Upper
79 100
52 77.3 64.6 96.8
51 36.5 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 44.429 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 42 Resp: 411766
Ion Ratio Lower Upper
42 100
74 124.7 98.0 147.0
44 6.9 5.8 8.8

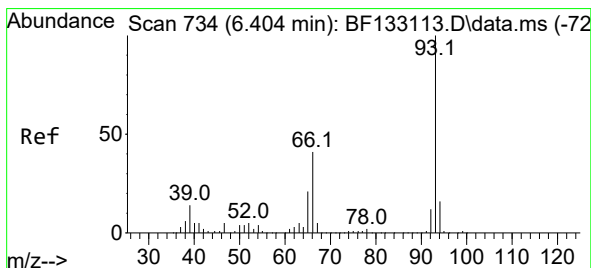
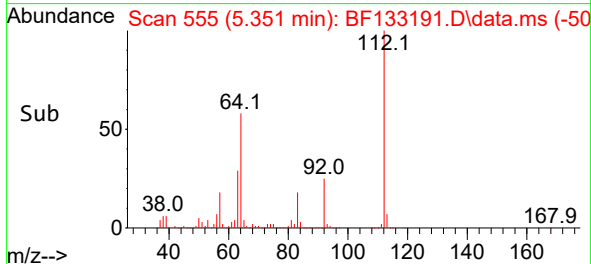
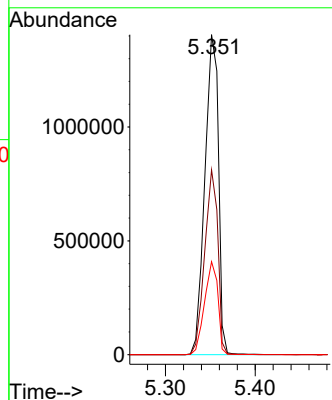
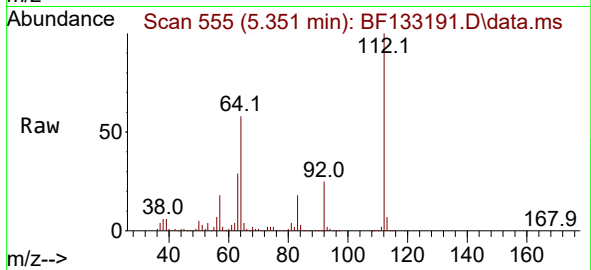




#5
2-Fluorophenol
Concen: 102.027 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

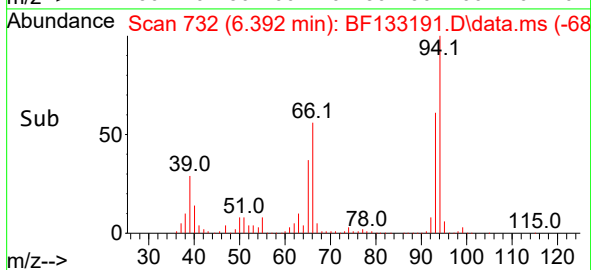
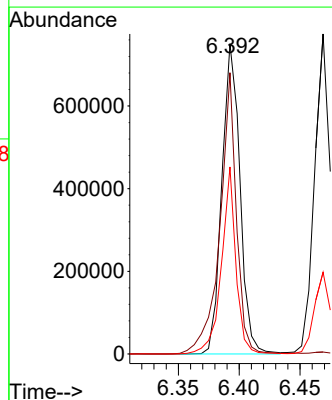
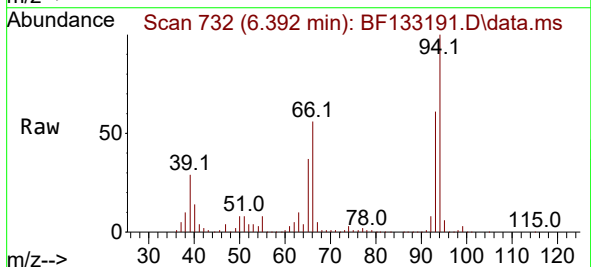
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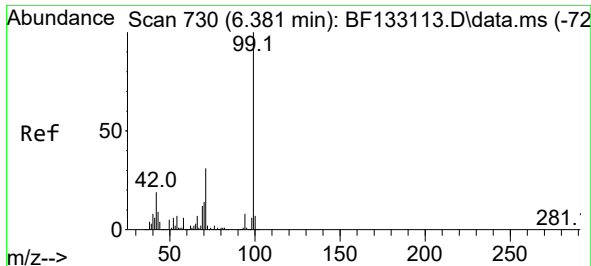
Tgt Ion:112 Resp: 1481866
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 29.1 23.8 35.8



#6
Aniline
Concen: 33.366 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 93 Resp: 774716
Ion Ratio Lower Upper
93 100
66 90.7 31.5 47.3#
65 60.3 16.4 24.6#



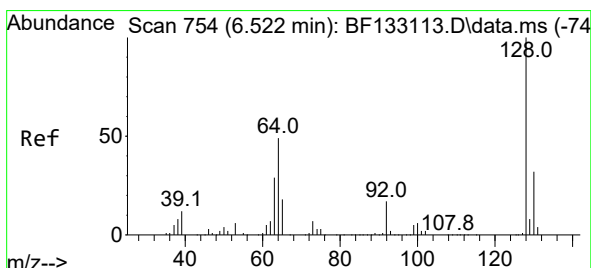
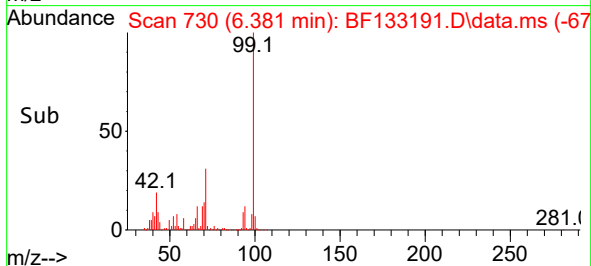
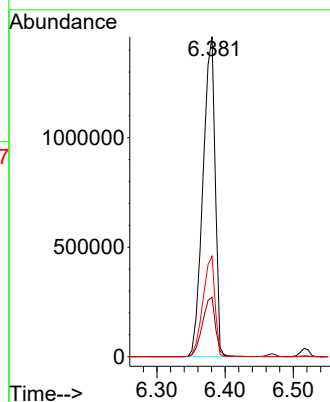
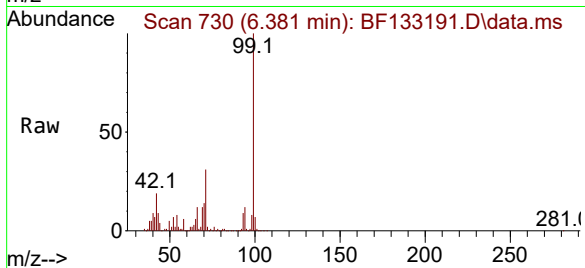


#7
Phenol-d6
Concen: 100.935 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tgt Ion: 99 Resp: 1819612

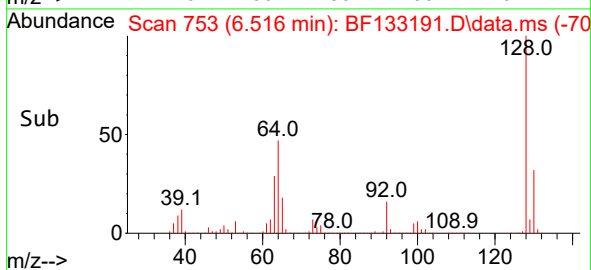
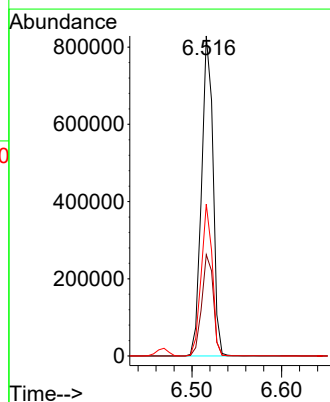
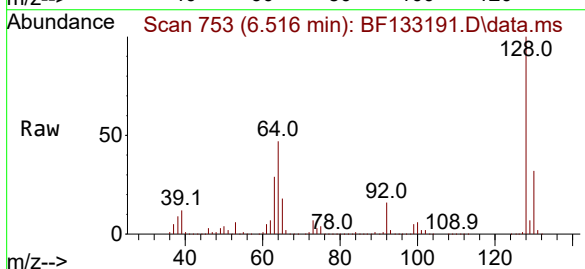
Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	31.4	25.6	38.4

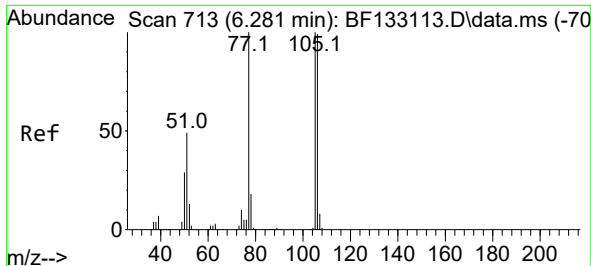


#8
2-Chlorophenol
Concen: 49.925 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 128 Resp: 736238

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.2	52.2
64	47.4	30.3	70.3

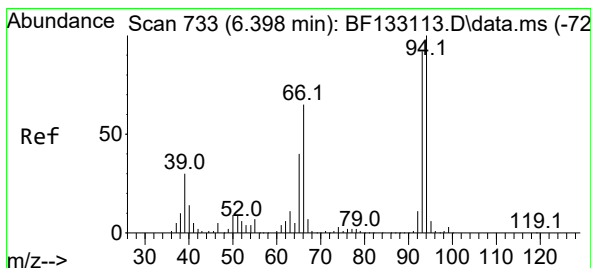
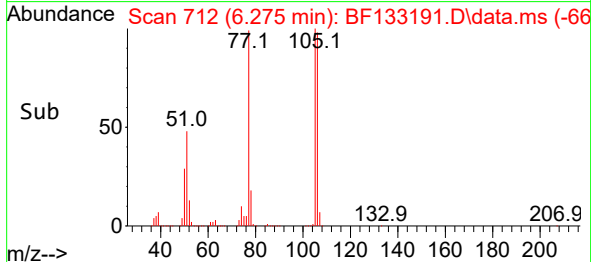
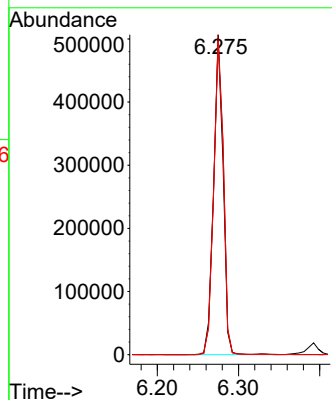
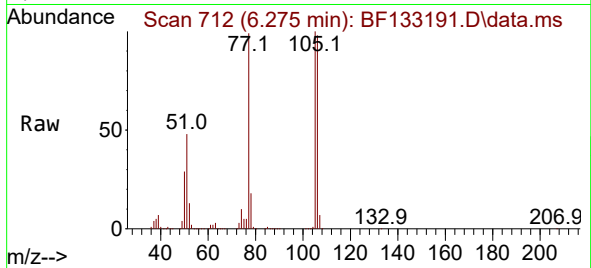




#9
Benzaldehyde
Concen: 56.358 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

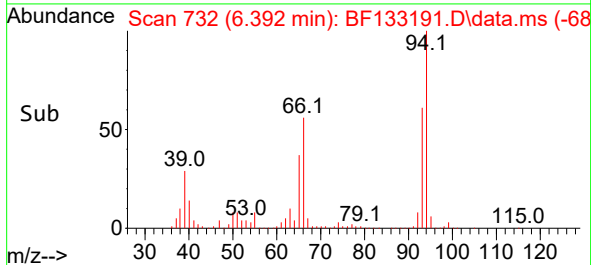
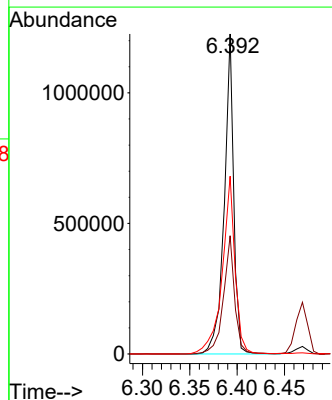
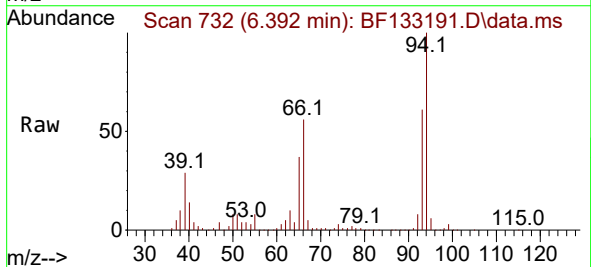
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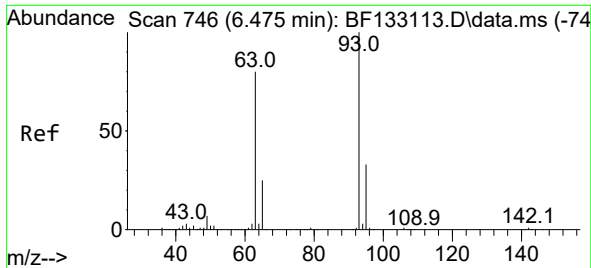
Tgt Ion: 77 Resp: 408616
Ion Ratio Lower Upper
77 100
105 101.2 82.3 122.3
106 99.1 80.8 120.8



#10
Phenol
Concen: 43.151 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 94 Resp: 858184
Ion Ratio Lower Upper
94 100
65 36.9 8.6 48.6
66 55.6 17.3 57.3

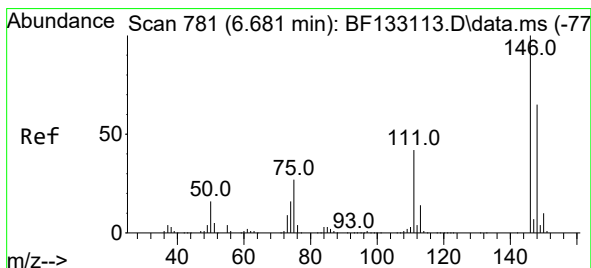
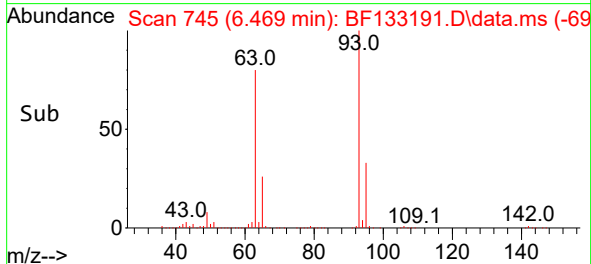
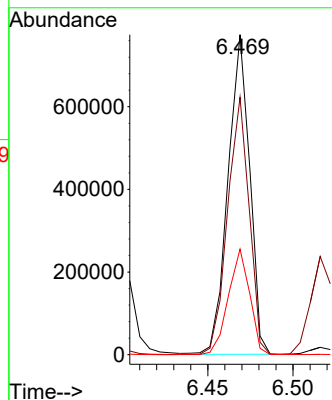
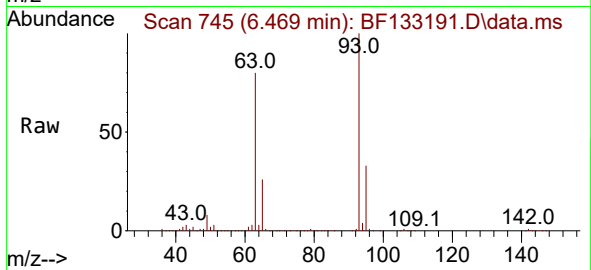




#11
bis(2-Chloroethyl)ether
Concen: 45.758 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

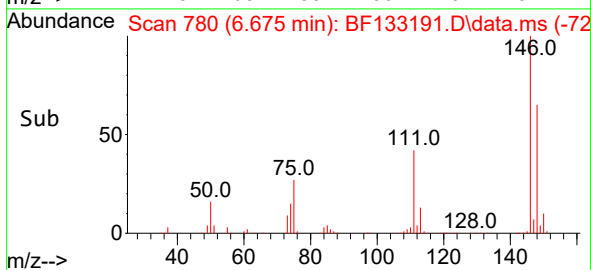
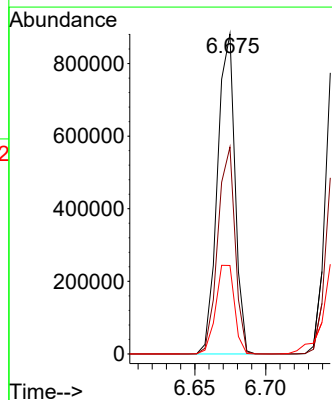
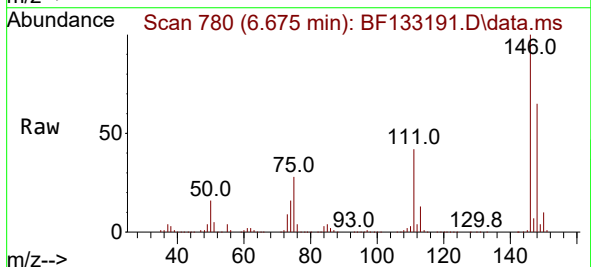
Instrument :
BNA_F
ClientSampleId :
72-11938MS

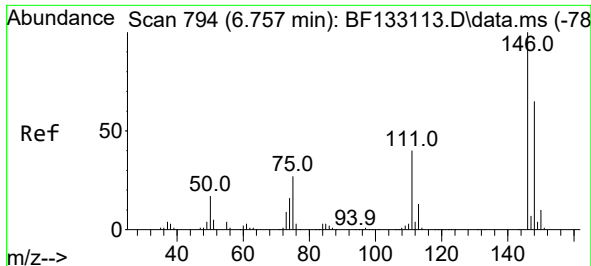
Tgt Ion: 93 Resp: 682896
Ion Ratio Lower Upper
93 100
63 80.4 60.6 100.6
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.264 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:146 Resp: 756710
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 27.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.476 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

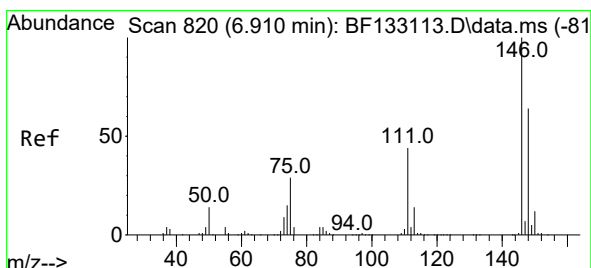
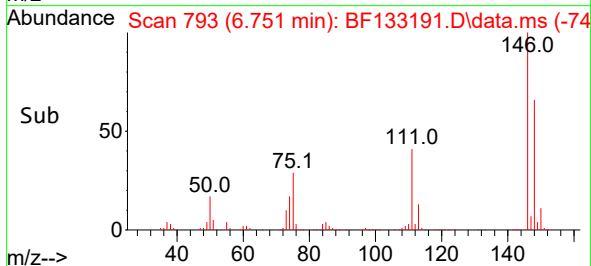
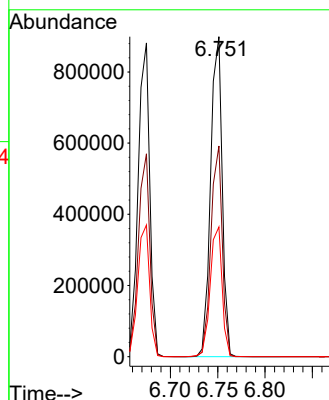
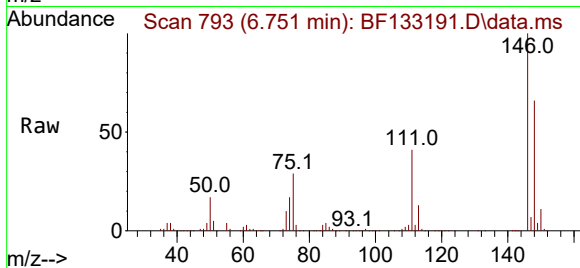
Tgt Ion:146 Resp: 761724

Ion Ratio Lower Upper

146 100

148 65.9 50.3 75.5

111 40.6 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 50.574 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

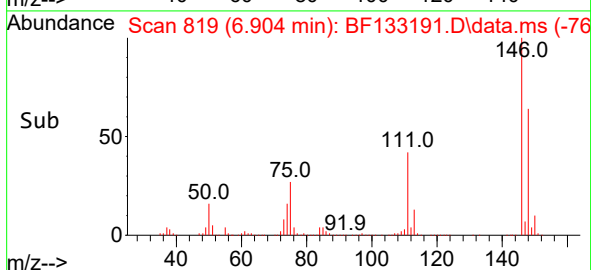
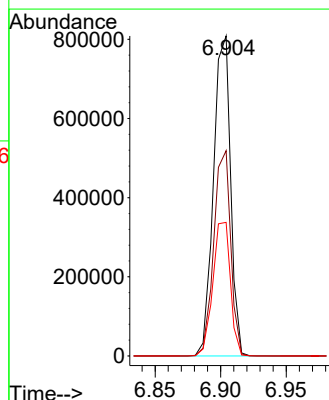
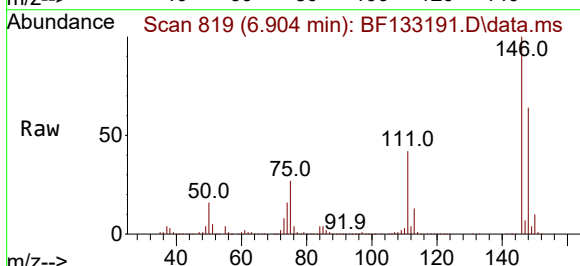
Tgt Ion:146 Resp: 732653

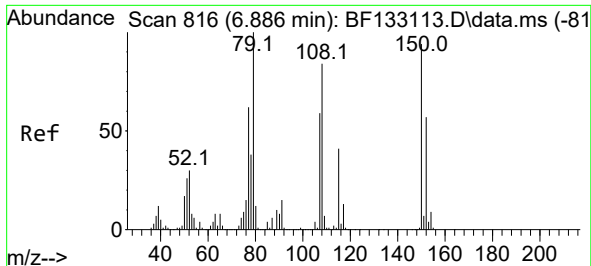
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 41.7 32.8 49.2





#15

Benzyl Alcohol

Concen: 49.468 ng

RT: 6.881 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

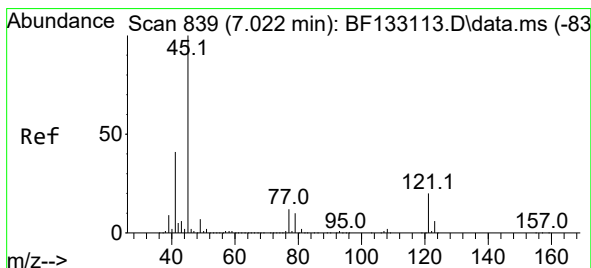
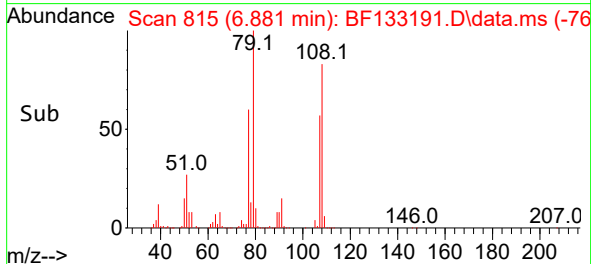
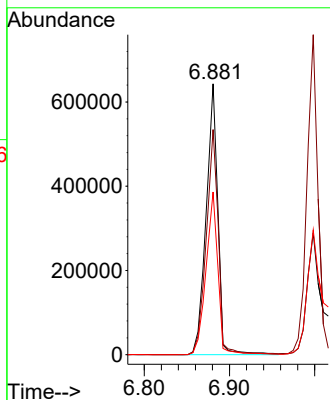
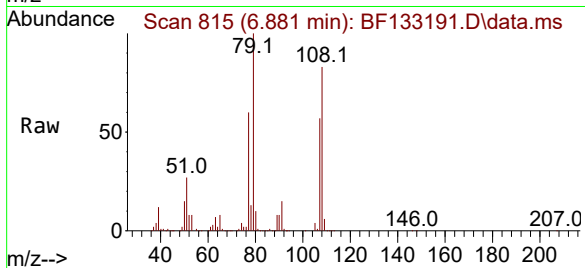
Tgt Ion: 79 Resp: 616017

Ion Ratio Lower Upper

79 100

108 83.1 66.6 99.8

77 60.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.905 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

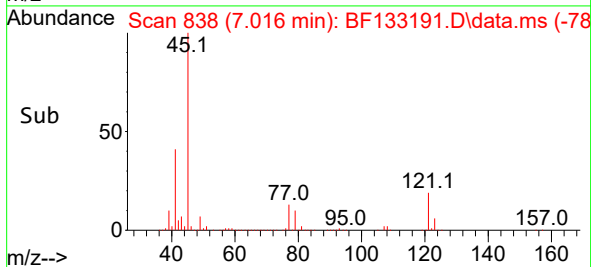
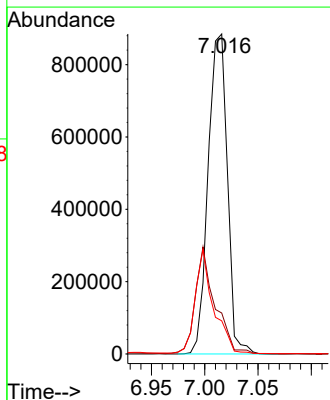
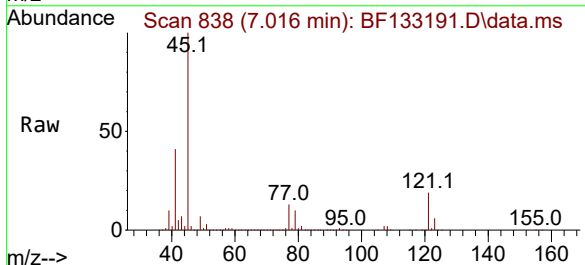
Tgt Ion: 45 Resp: 1112147

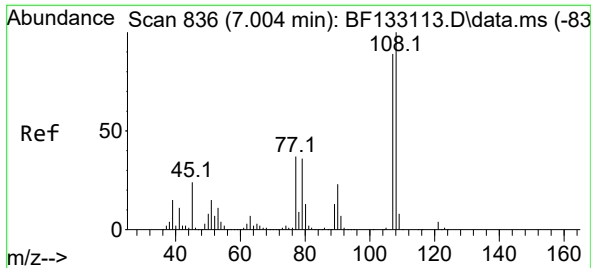
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.5

79 10.4 0.0 28.7

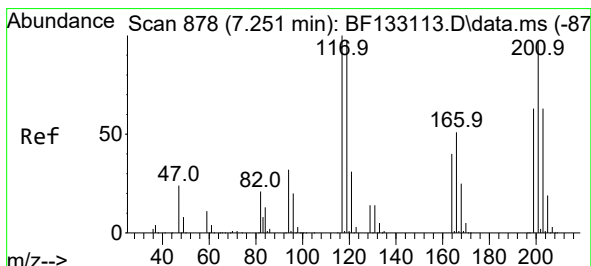
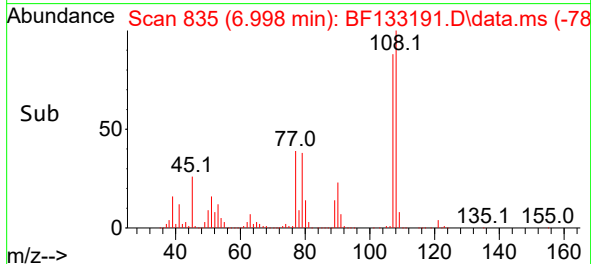
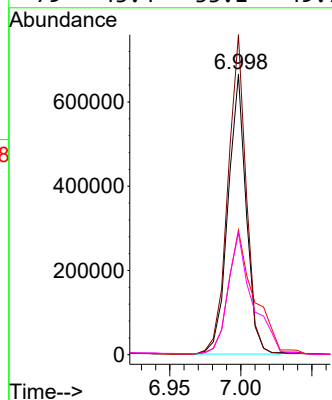
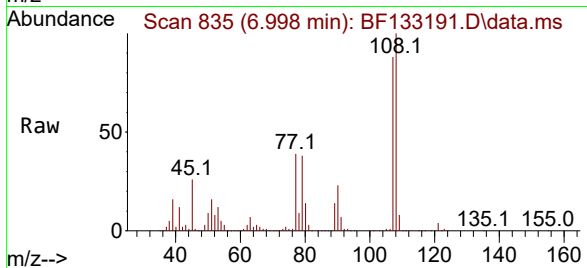




#17
2-Methylphenol
Concen: 43.790 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

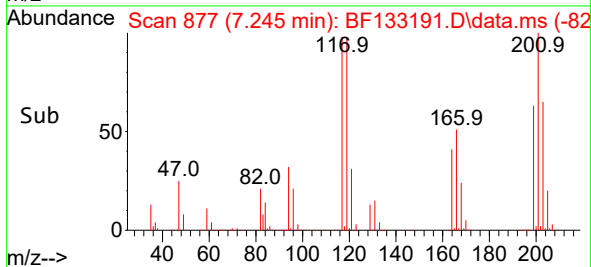
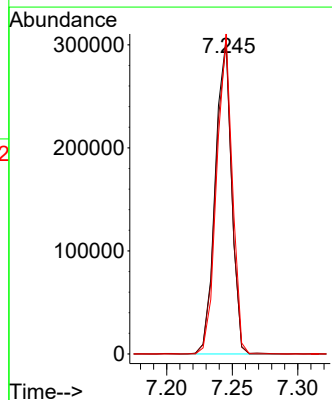
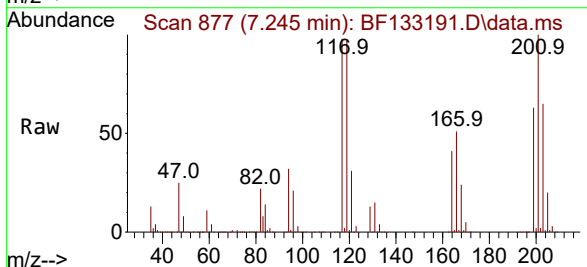
Instrument :
BNA_F
ClientSampleId :
72-11938MS

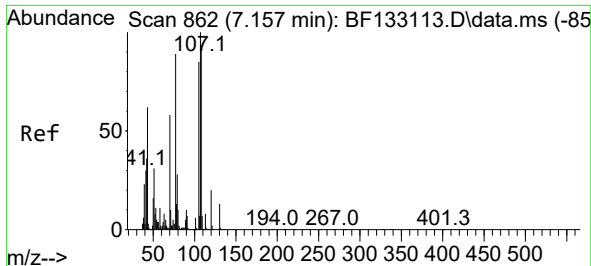
Tgt Ion:107 Resp: 591312
Ion Ratio Lower Upper
107 100
108 114.1 92.4 138.6
77 44.4 33.8 50.8
79 43.4 33.1 49.7



#18
Hexachloroethane
Concen: 48.026 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:117 Resp: 262369
Ion Ratio Lower Upper
117 100
119 98.5 78.2 117.4
201 101.6 81.7 122.5



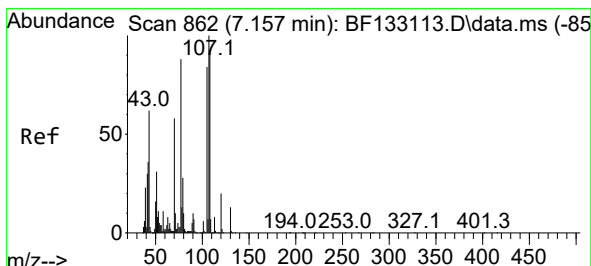
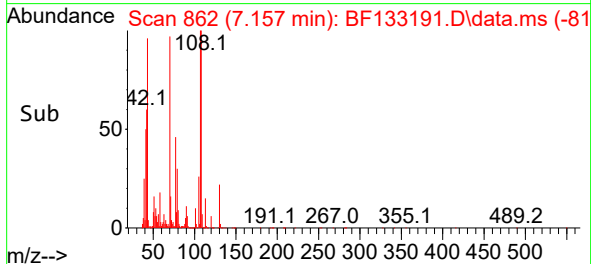
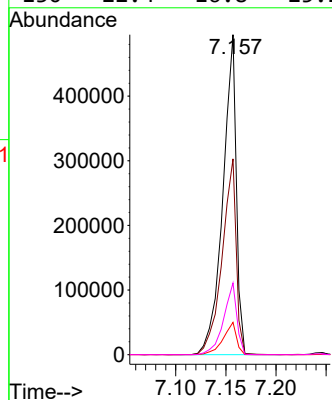
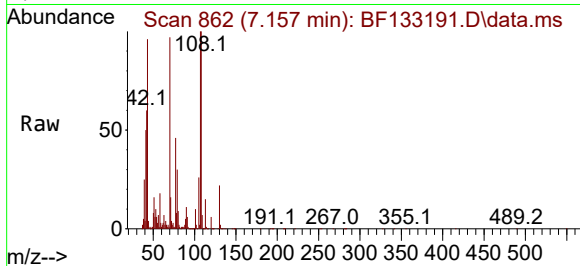


#19
n-Nitroso-di-n-propylamine
Concen: 41.149 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tgt Ion: 70 Resp: 461824

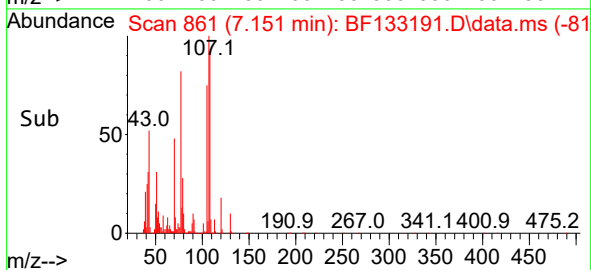
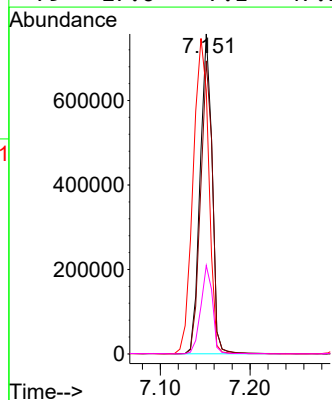
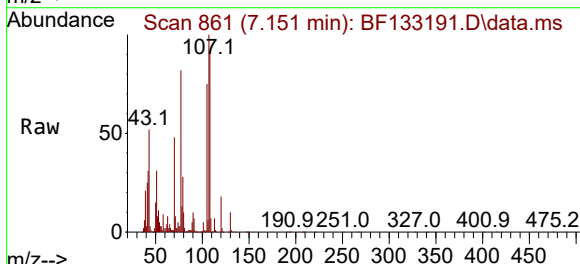
Ion	Ratio	Lower	Upper
70	100		
42	61.2	51.8	77.6
101	10.1	8.0	12.0
130	22.4	16.8	25.2

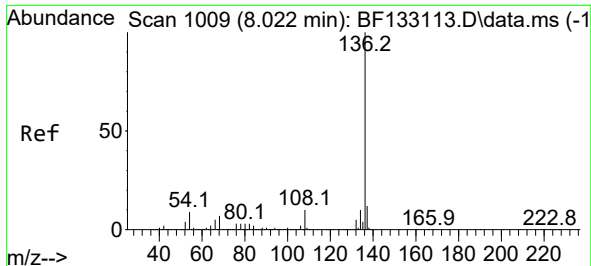


#20
3+4-Methylphenols
Concen: 43.881 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 107 Resp: 697816

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.5	110.5
77	82.4	91.7	131.7#
79	27.6	7.1	47.1

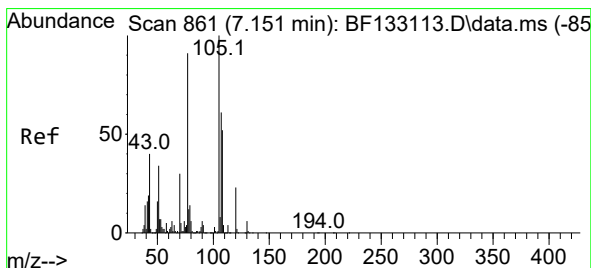
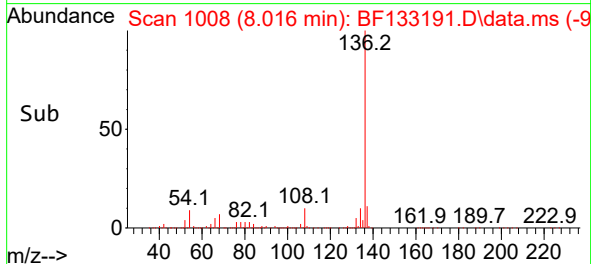
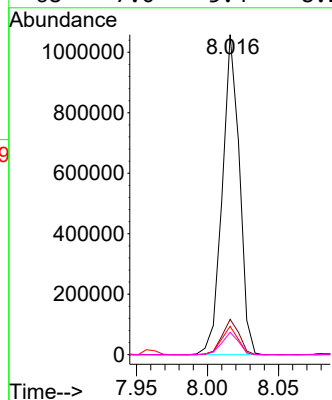
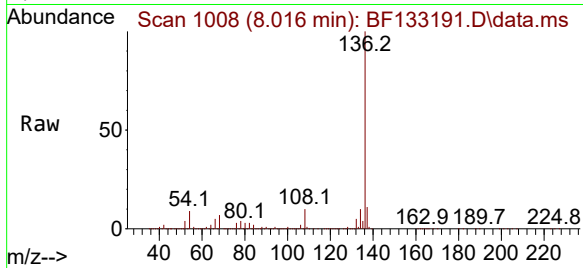




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

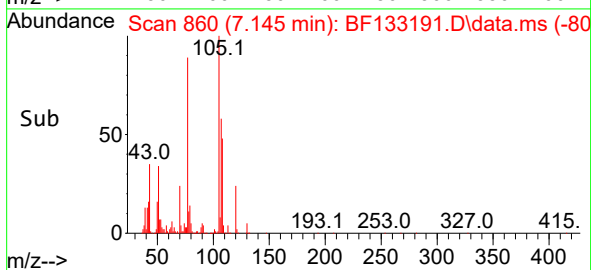
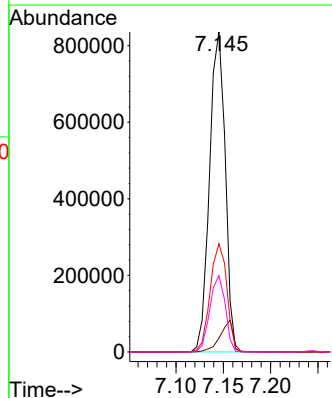
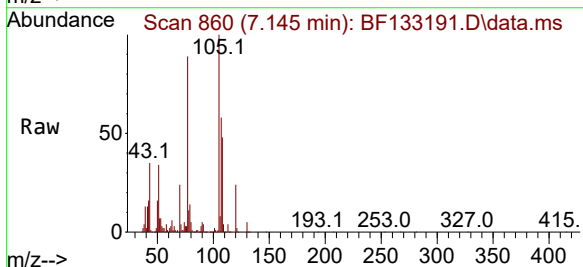
Instrument :
BNA_F
ClientSampleId :
72-11938MS

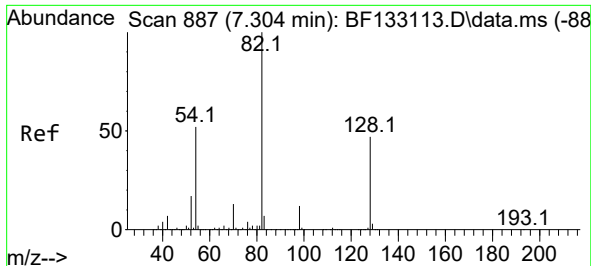
Tgt	Ion:136	Resp:	885571
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	7.0	10.4
68	7.0	5.4	8.2



#22
Acetophenone
Concen: 46.769 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt	Ion:105	Resp:	959424
Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.6	7.0#
51	33.9	28.2	42.2
120	23.8	18.4	27.6





#23

Nitrobenzene-d5

Concen: 67.168 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

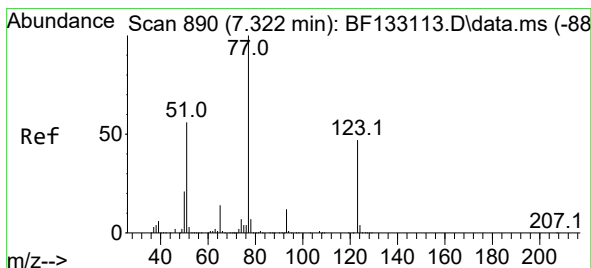
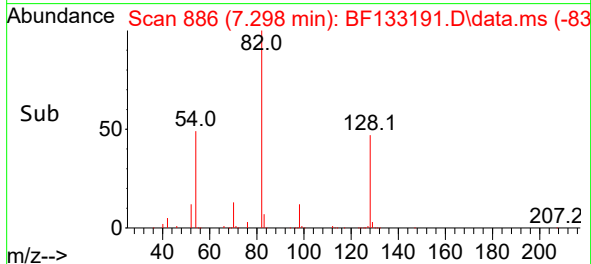
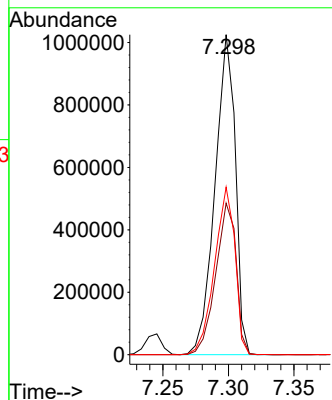
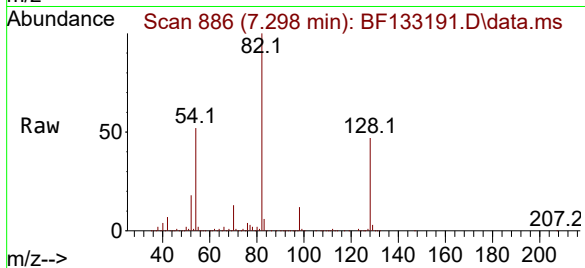
Tgt Ion: 82 Resp: 1101988

Ion Ratio Lower Upper

82 100

128 47.3 37.7 56.5

54 52.4 43.0 64.4



#24

Nitrobenzene

Concen: 44.698 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

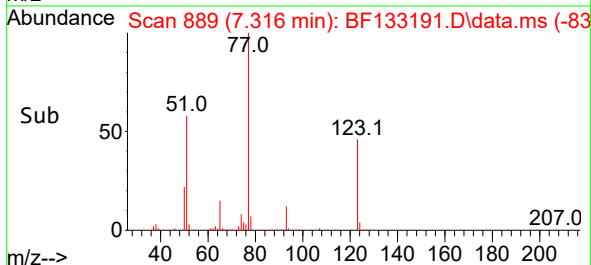
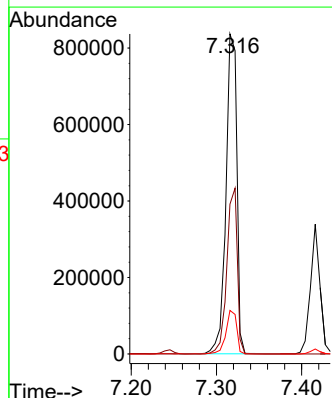
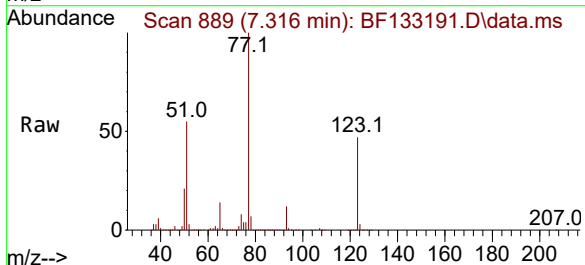
Tgt Ion: 77 Resp: 743102

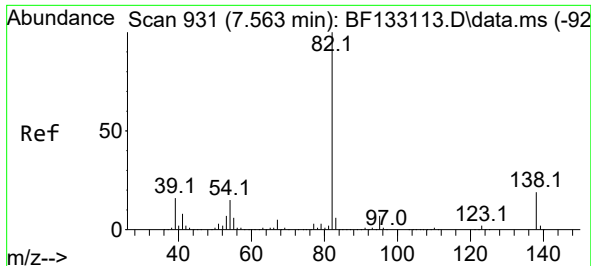
Ion Ratio Lower Upper

77 100

123 46.8 39.9 59.9

65 13.6 10.7 16.1

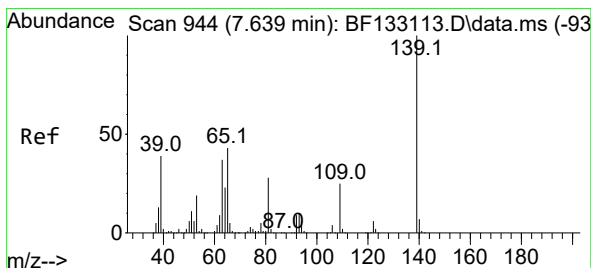
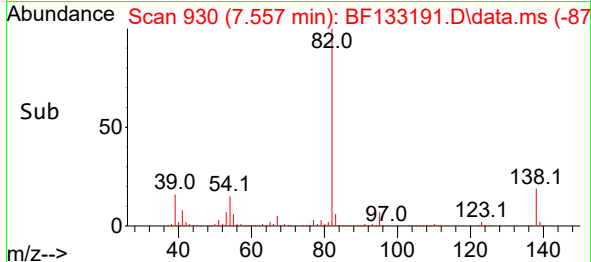
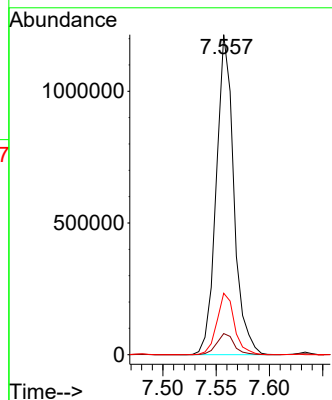
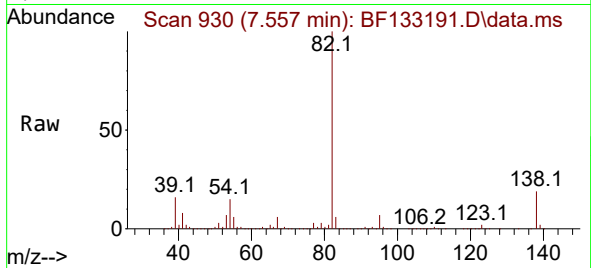




#25
Isophorone
Concen: 44.638 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

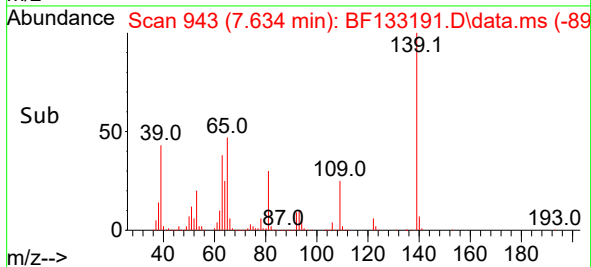
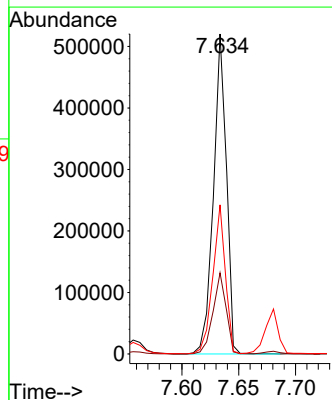
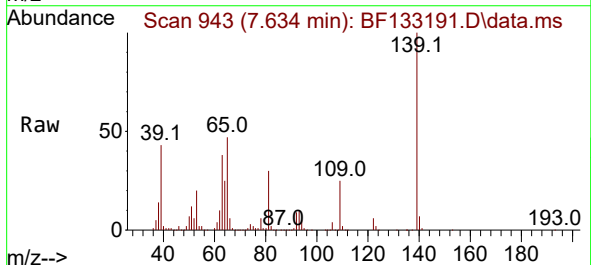
Instrument :
BNA_F
ClientSampleId :
72-11938MS

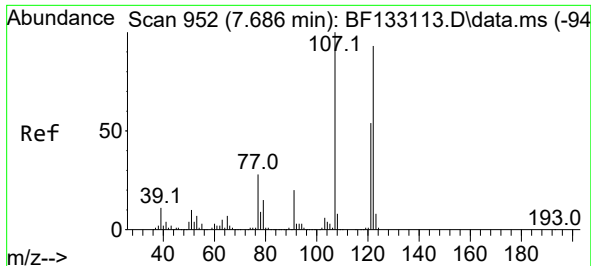
Tgt Ion: 82 Resp: 1390472
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.2 16.0 24.0



#26
2-Nitrophenol
Concen: 51.324 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 139 Resp: 411558
Ion Ratio Lower Upper
139 100
109 25.4 21.6 32.4
65 46.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 47.746 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

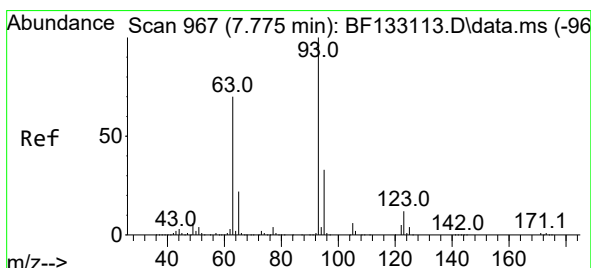
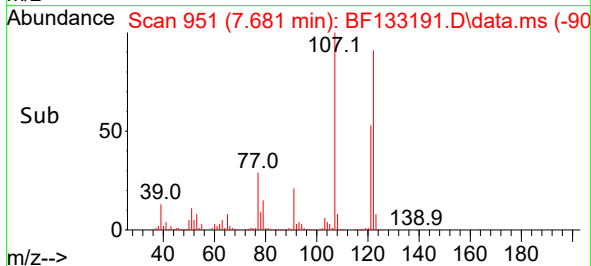
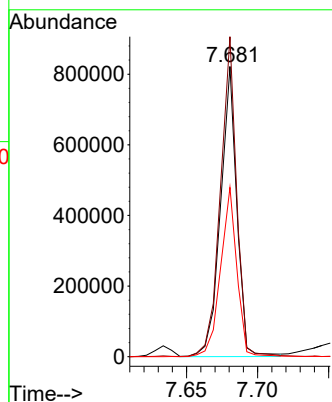
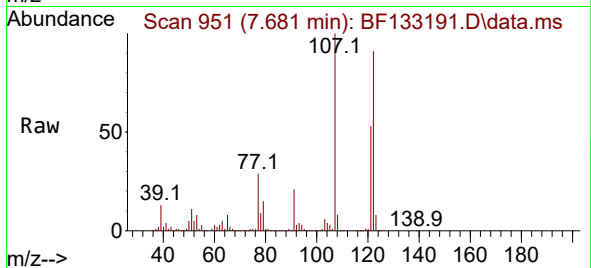
Tgt Ion:122 Resp: 656515

Ion Ratio Lower Upper

122 100

107 110.3 89.7 134.5

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.456 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

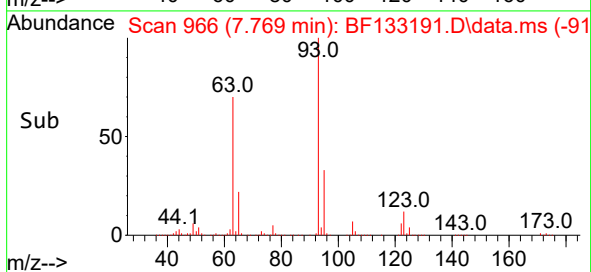
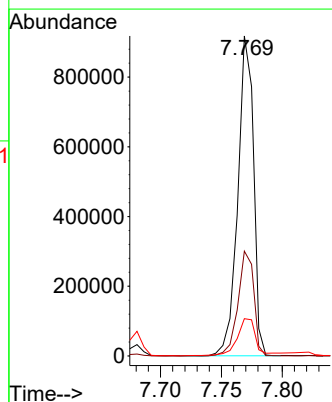
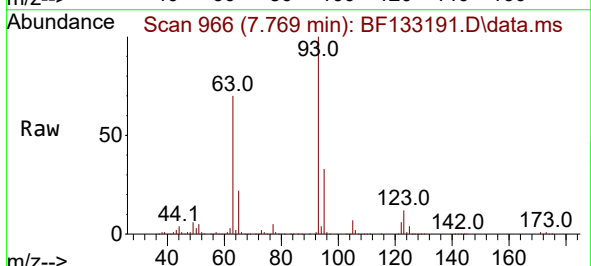
Tgt Ion: 93 Resp: 819237

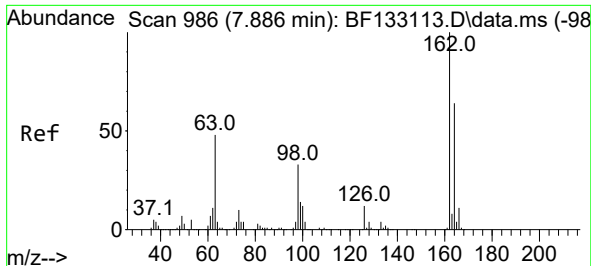
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 11.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.068 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

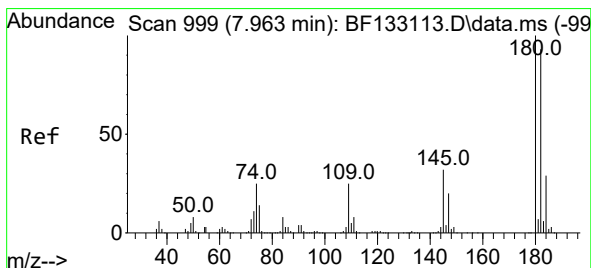
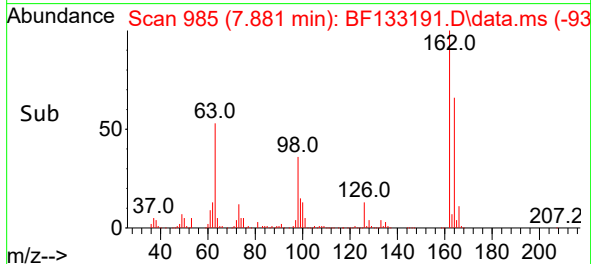
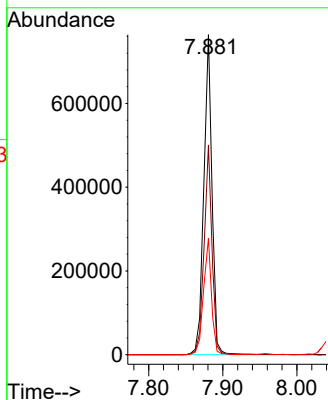
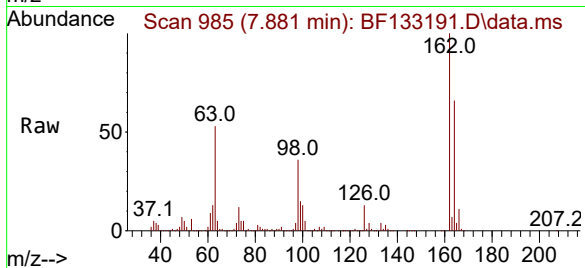
Tgt Ion:162 Resp: 589157

Ion Ratio Lower Upper

162 100

164 65.5 43.9 83.9

98 36.4 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 47.552 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

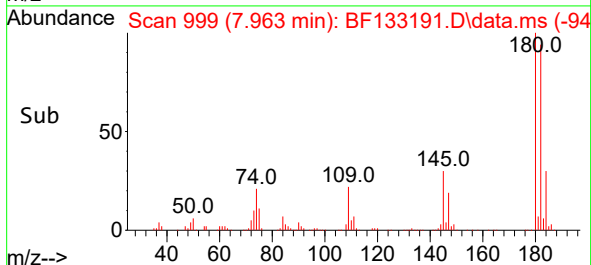
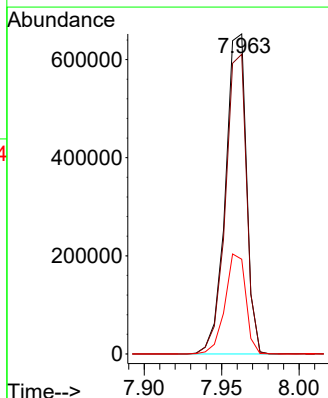
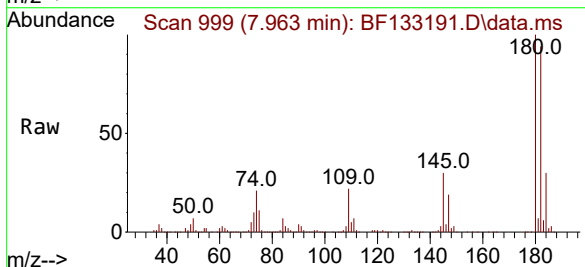
Tgt Ion:180 Resp: 616646

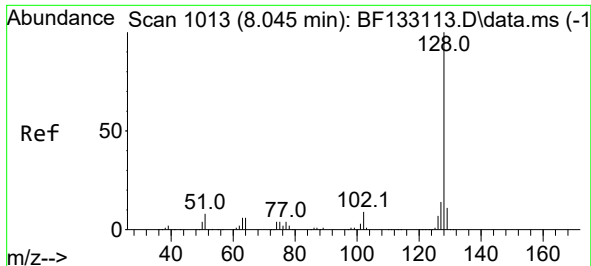
Ion Ratio Lower Upper

180 100

182 93.6 75.9 113.9

145 29.6 25.3 37.9

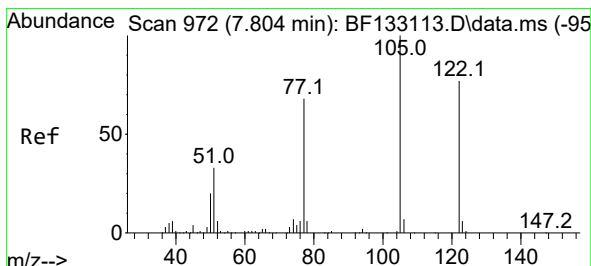
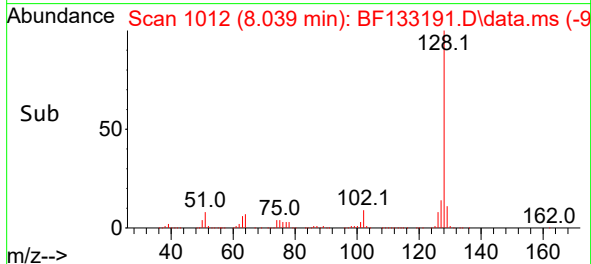
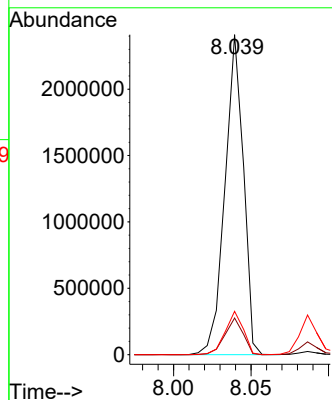
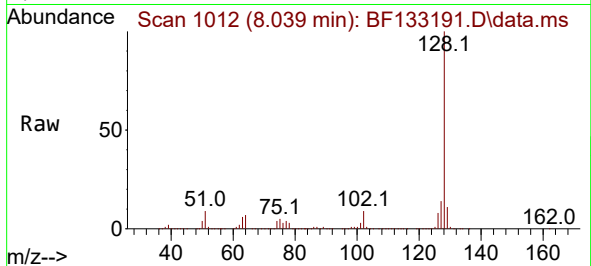




#31
Naphthalene
Concen: 45.109 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

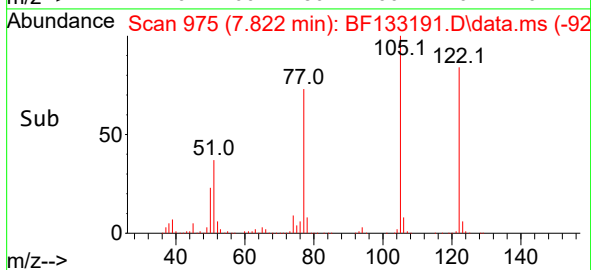
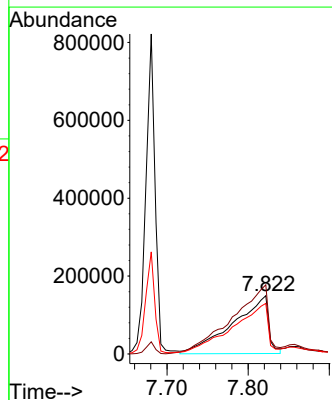
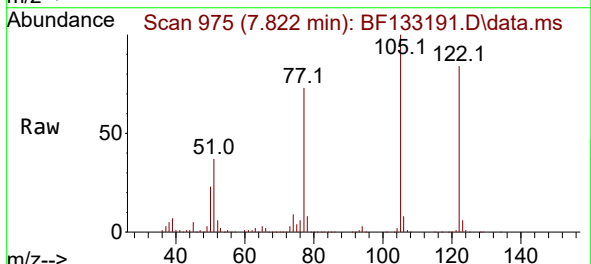
Instrument :
BNA_F
ClientSampleId :
72-11938MS

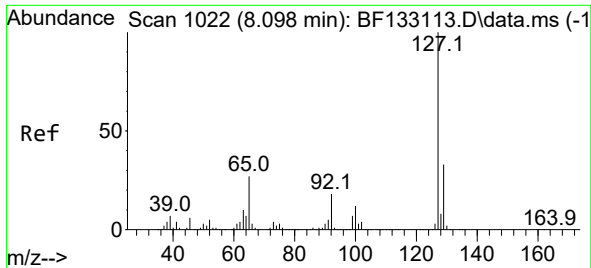
Tgt Ion:128 Resp: 1997255
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 53.333 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:122 Resp: 452968
Ion Ratio Lower Upper
122 100
105 118.7 104.2 144.2
77 86.8 69.7 109.7

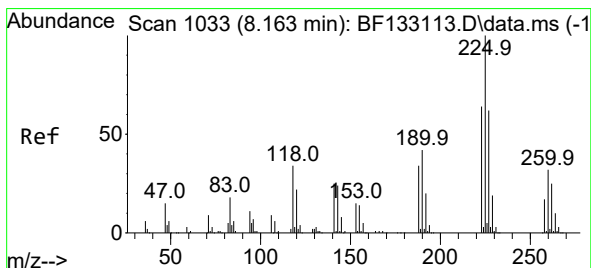
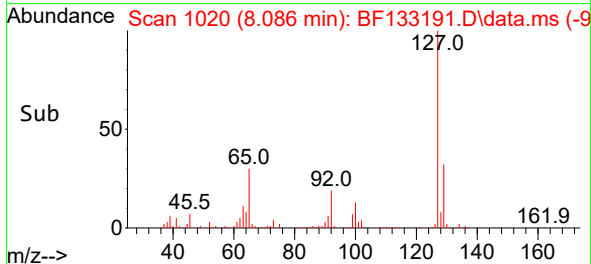
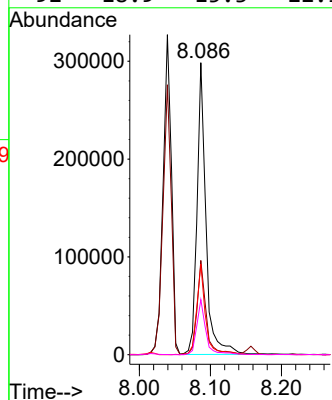
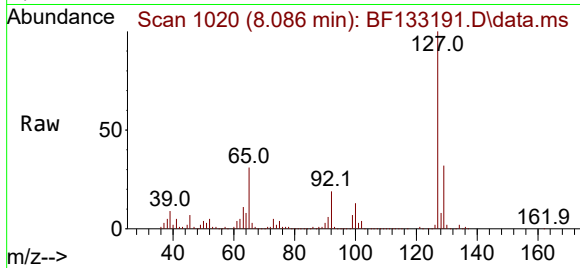




#33
4-Chloroaniline
Concen: 14.717 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

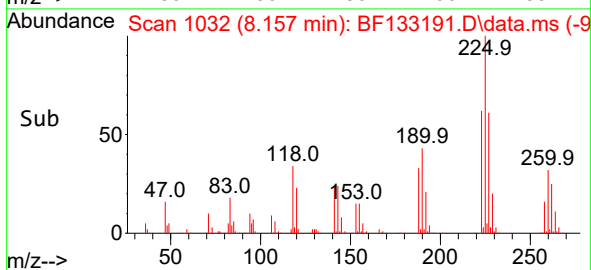
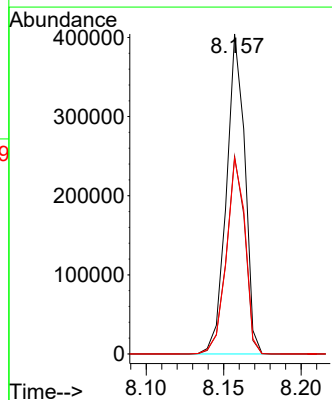
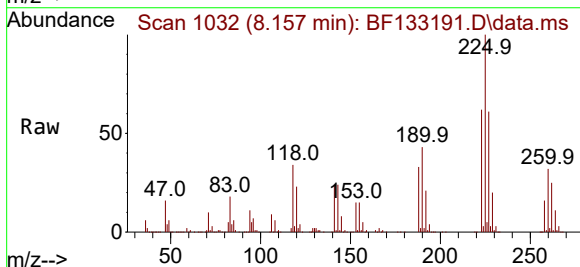
Instrument :
BNA_F
ClientSampleId :
72-11938MS

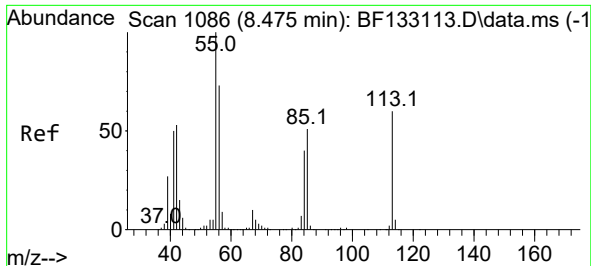
Tgt Ion:	127	Resp:	263271
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	31.0	23.6	35.4
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 46.392 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:	225	Resp:	333431
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	61.1	50.3	75.5

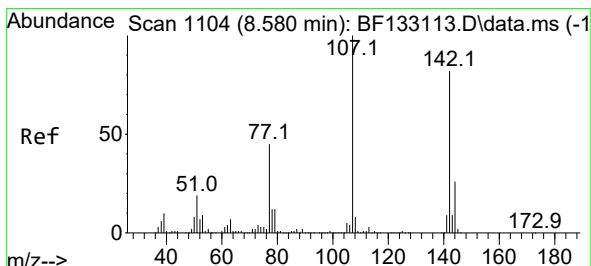
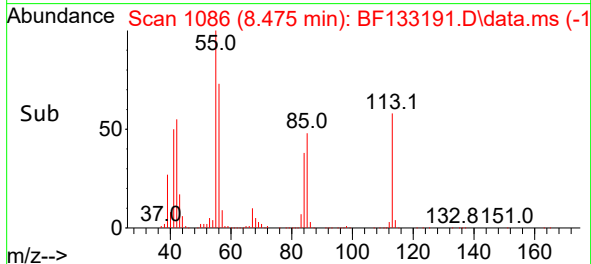
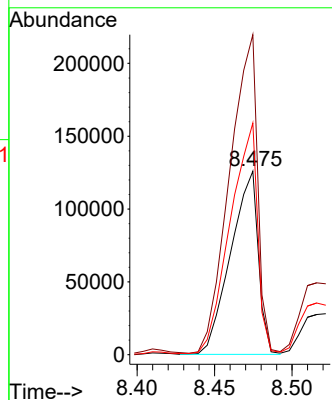
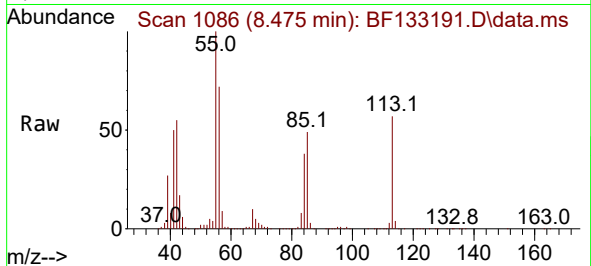




#35
 Caprolactam
 Concen: 37.046 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

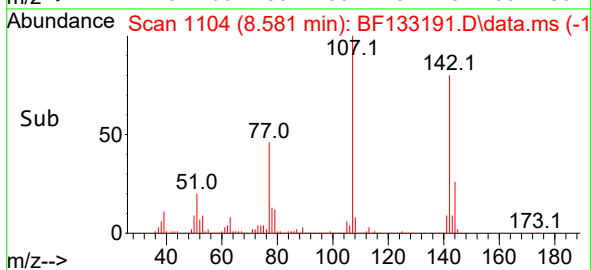
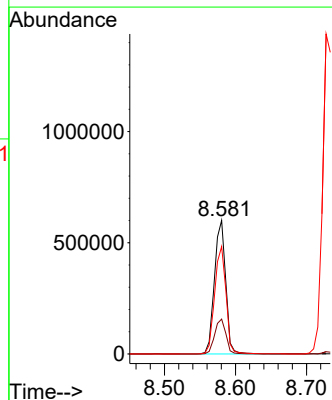
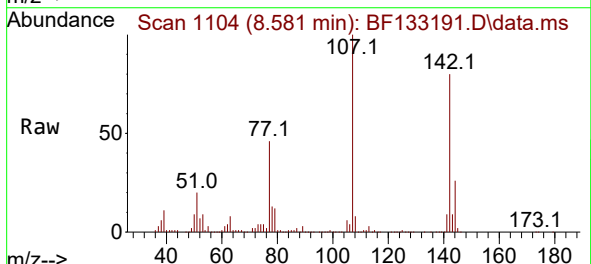
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

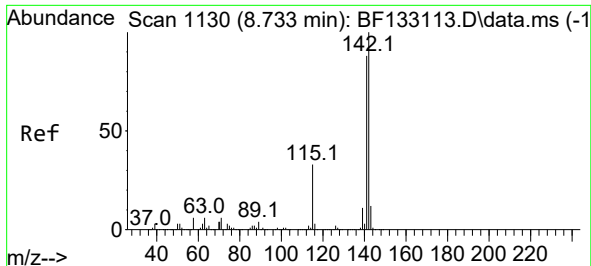
Tgt Ion:113 Resp: 155777
 Ion Ratio Lower Upper
 113 100
 55 174.3 167.1 207.1
 56 126.2 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 49.076 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

Tgt Ion:107 Resp: 662438
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 80.4 62.8 94.2

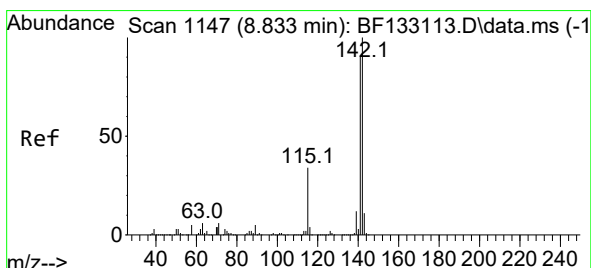
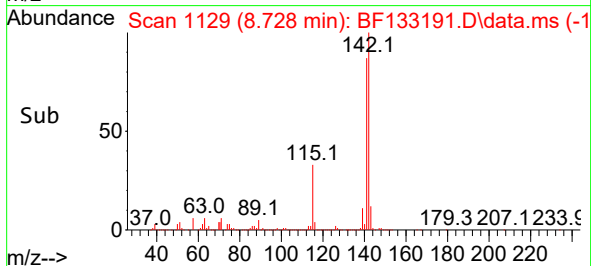
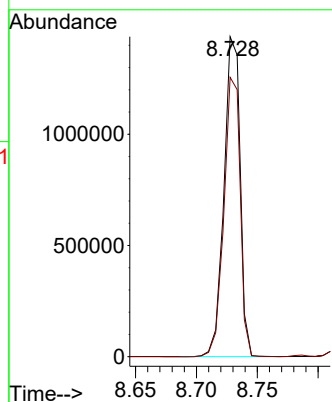
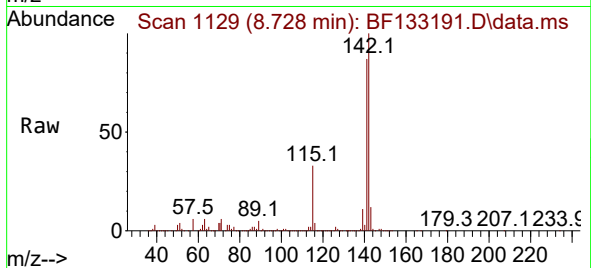




#37
2-Methylnaphthalene
Concen: 43.979 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

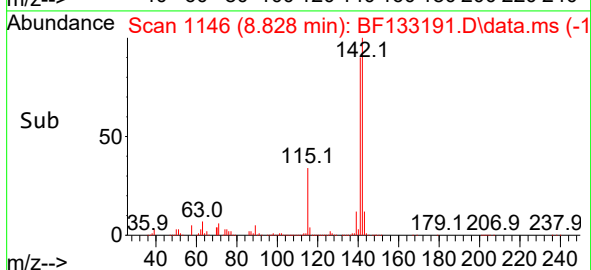
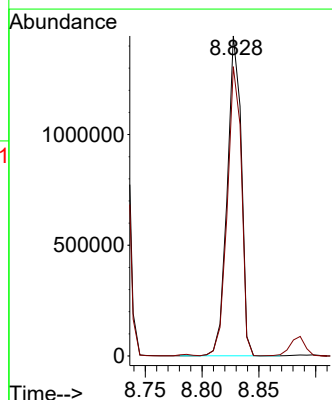
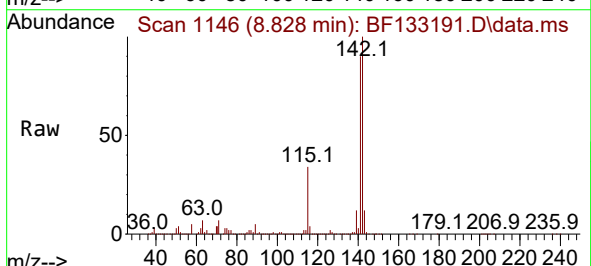
Instrument :
BNA_F
ClientSampleId :
72-11938MS

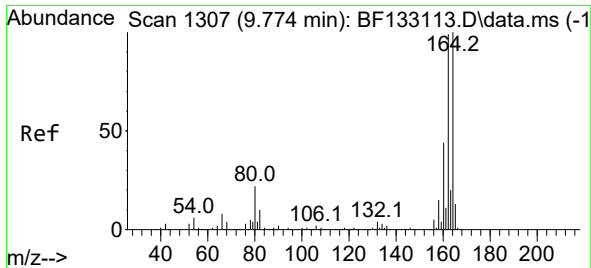
Tgt Ion:142 Resp: 1331249
Ion Ratio Lower Upper
142 100
141 87.3 69.4 104.0



#38
1-Methylnaphthalene
Concen: 44.044 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:142 Resp: 1247207
Ion Ratio Lower Upper
142 100
141 90.4 73.1 109.7

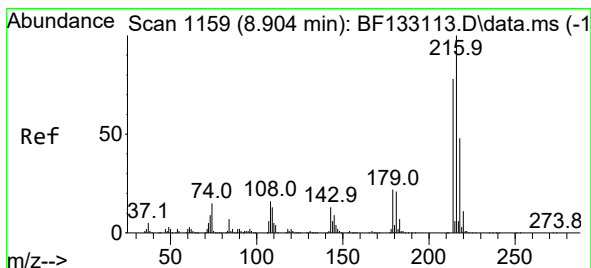
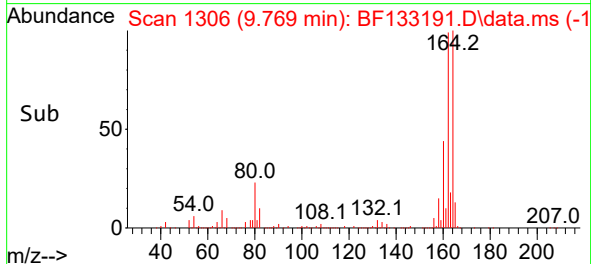
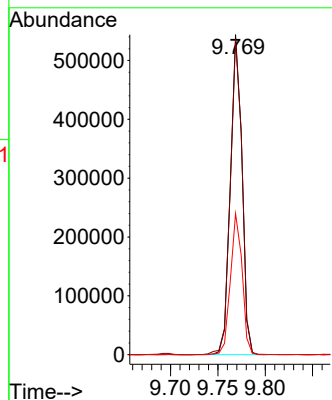
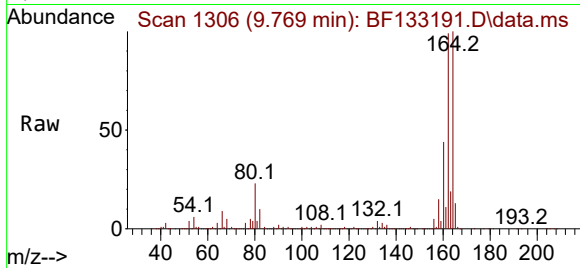




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

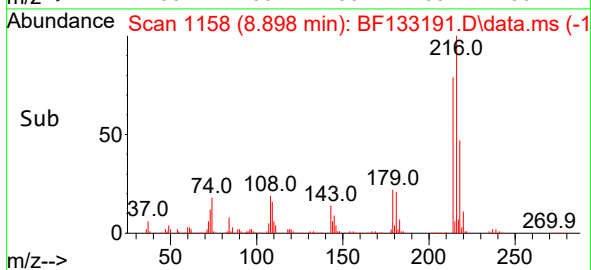
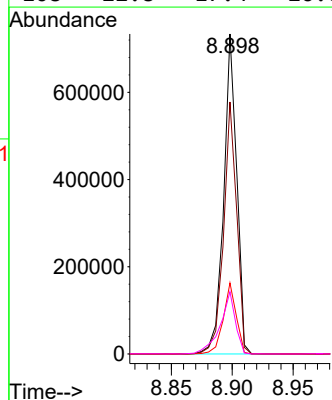
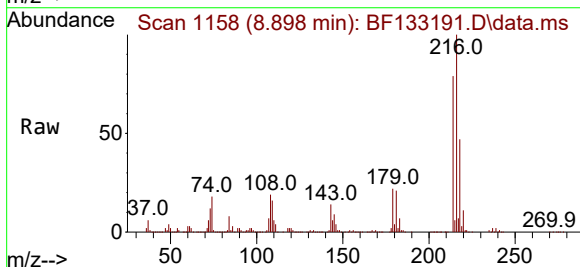
Instrument :
BNA_F
ClientSampleId :
72-11938MS

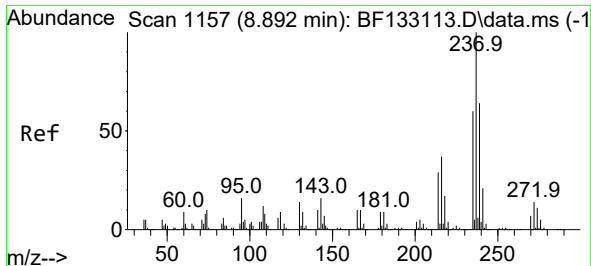
Tgt Ion:164 Resp: 461844
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 44.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.985 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:216 Resp: 546193
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.2 17.4 26.2
108 22.8 17.4 26.0

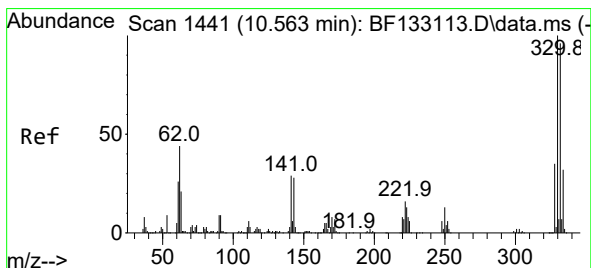
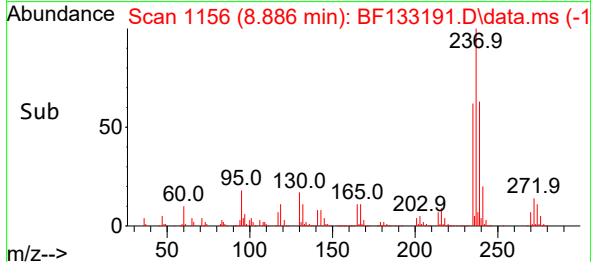
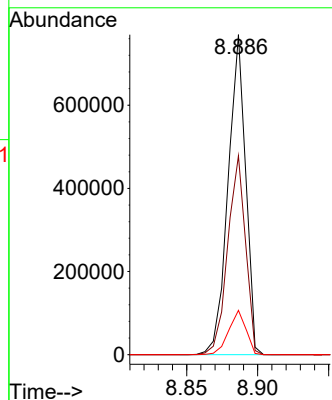
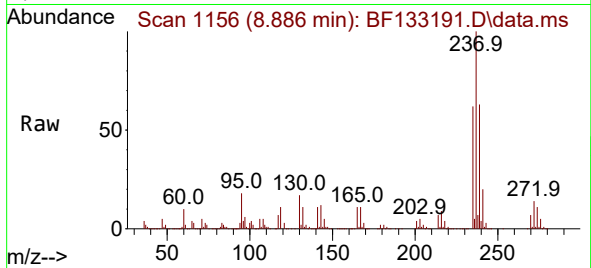




#41
Hexachlorocyclopentadiene
Concen: 91.547 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

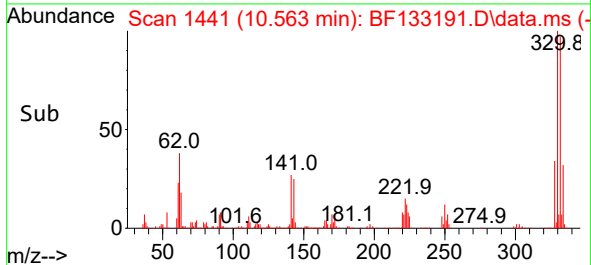
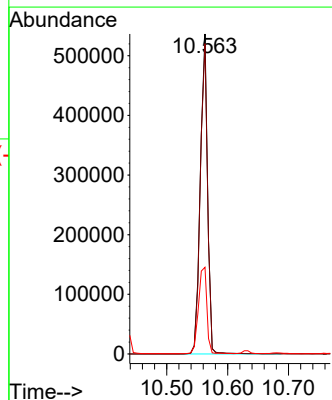
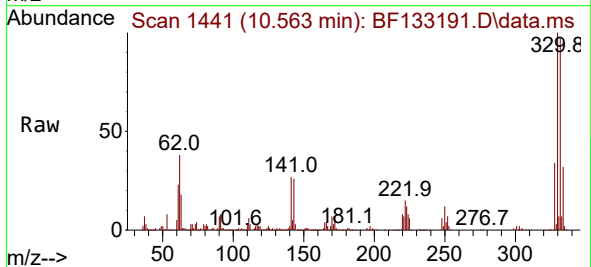
Instrument :
BNA_F
ClientSampleId :
72-11938MS

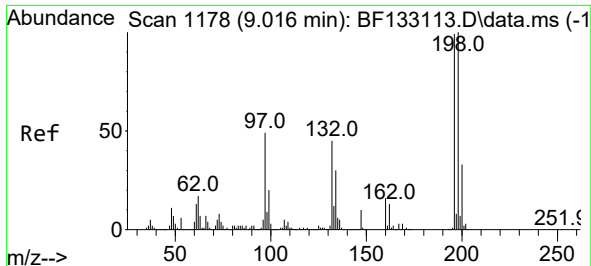
Tgt Ion:237 Resp: 662987
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 13.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 95.513 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:330 Resp: 443633
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 31.3 25.8 38.8

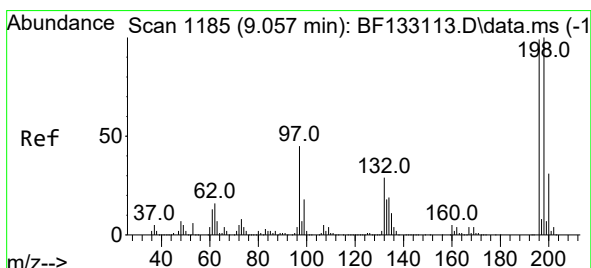
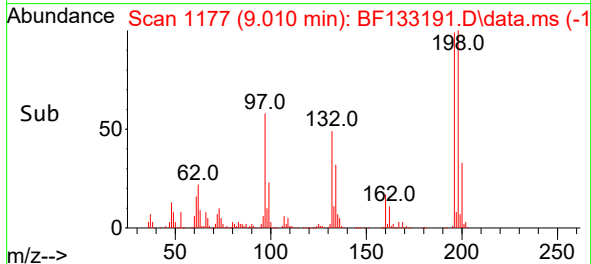
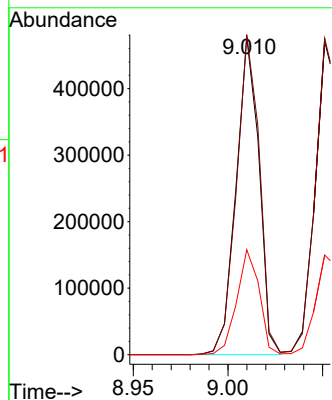
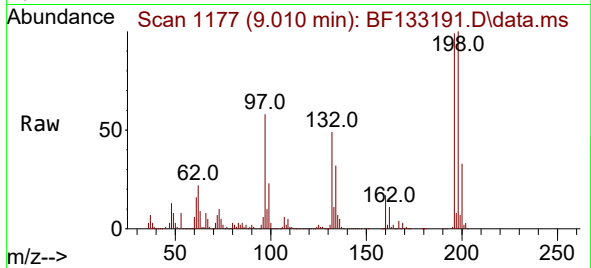




#43
2,4,6-Trichlorophenol
Concen: 46.702 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

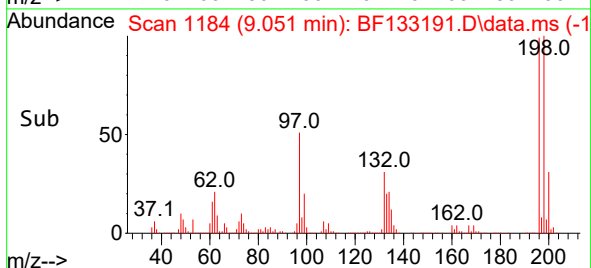
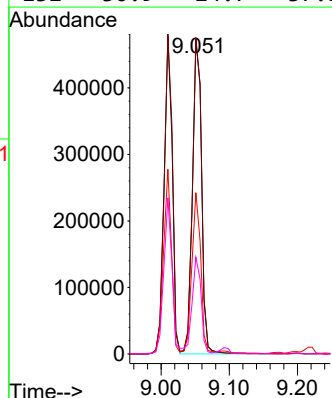
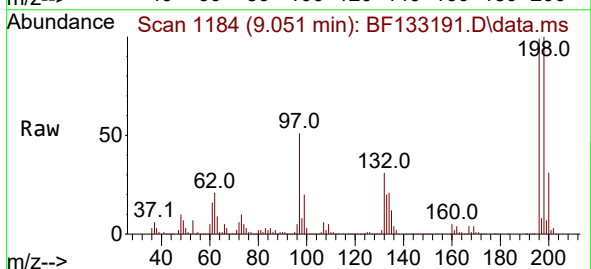
Instrument :
BNA_F
ClientSampleId :
72-11938MS

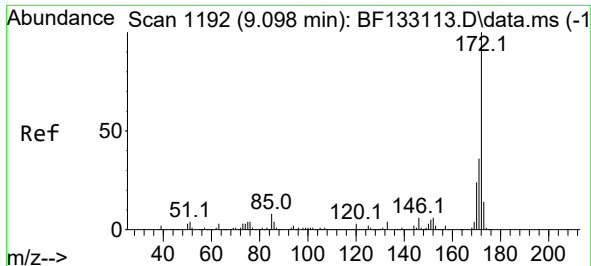
Tgt Ion:196 Resp: 401061
Ion Ratio Lower Upper
196 100
198 100.7 81.0 121.6
200 33.0 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 43.881 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:196 Resp: 435824
Ion Ratio Lower Upper
196 100
198 101.1 80.9 121.3
97 51.5 41.3 61.9
132 30.9 24.7 37.1

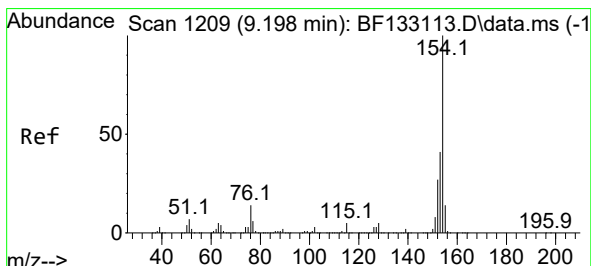
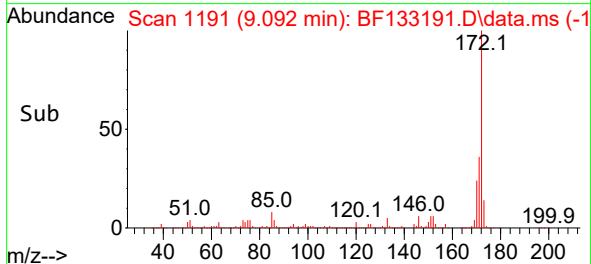
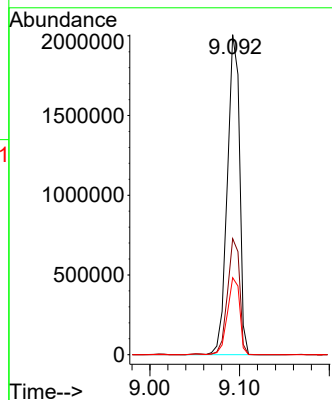
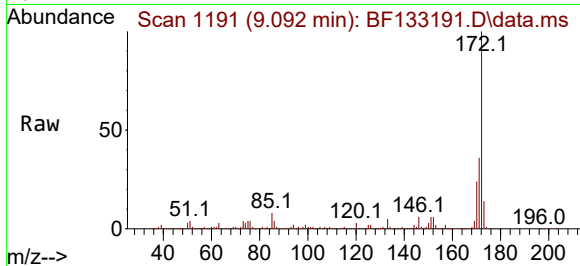




#45
2-Fluorobiphenyl
Concen: 68.867 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

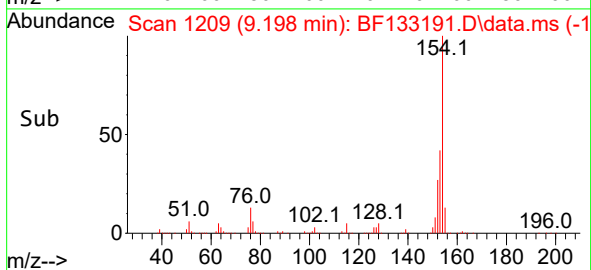
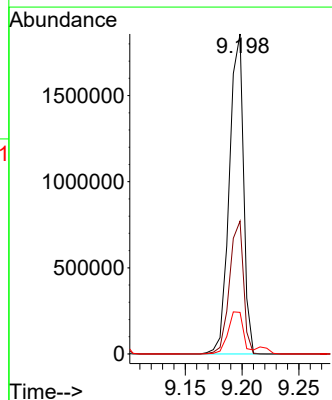
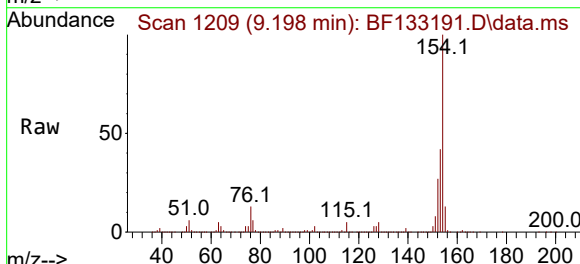
Instrument :
BNA_F
ClientSampleId :
72-11938MS

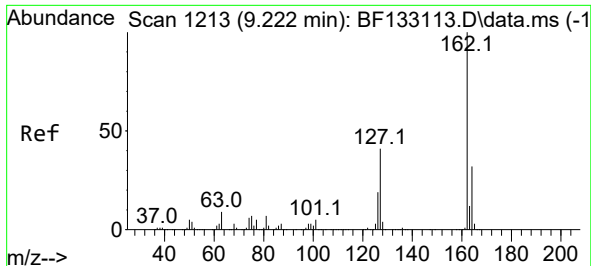
Tgt Ion:172 Resp: 1901118
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 44.036 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:154 Resp: 1612709
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 13.0 0.0 34.5

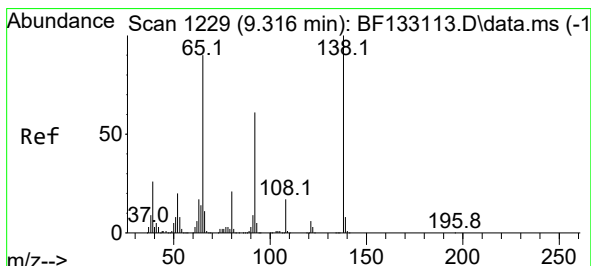
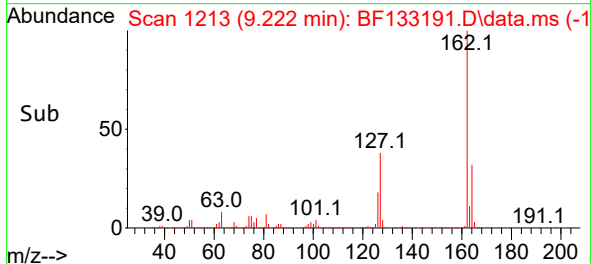
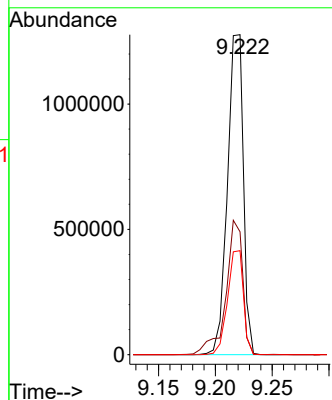
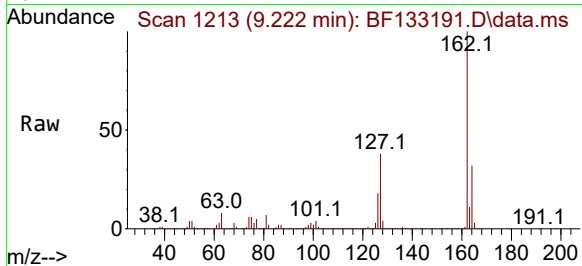




#47
2-Chloronaphthalene
Concen: 46.466 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

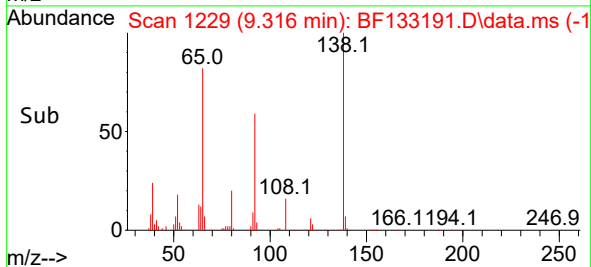
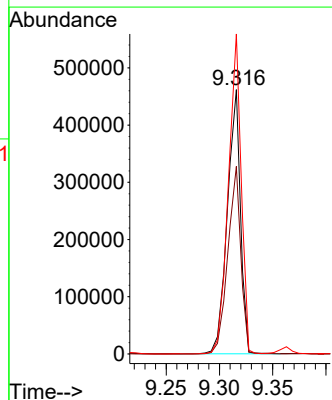
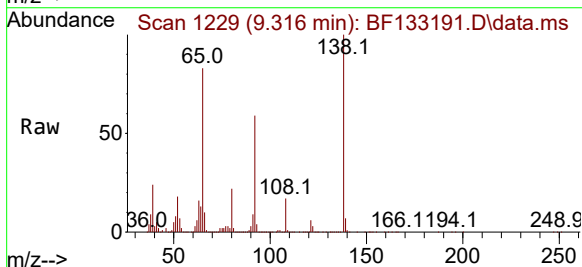
Instrument :
BNA_F
ClientSampleId :
72-11938MS

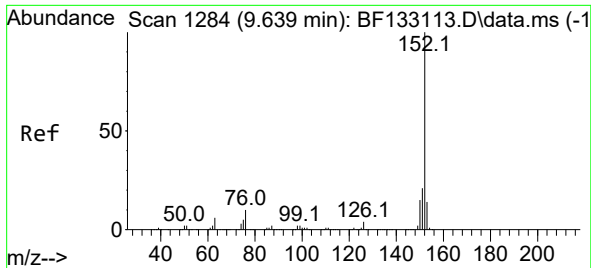
Tgt Ion:162 Resp: 1245511
Ion Ratio Lower Upper
162 100
127 38.4 32.3 48.5
164 32.5 26.8 40.2



#48
2-Nitroaniline
Concen: 44.778 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion: 65 Resp: 396688
Ion Ratio Lower Upper
65 100
92 70.9 55.4 83.0
138 121.0 98.2 147.2

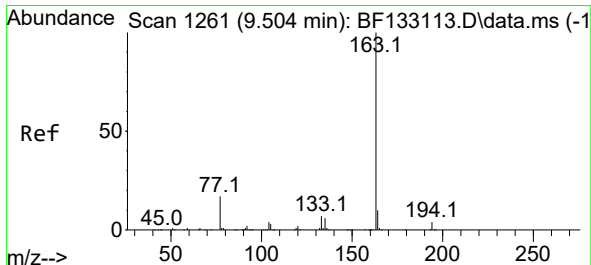
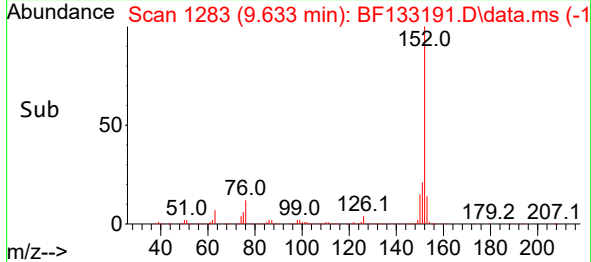
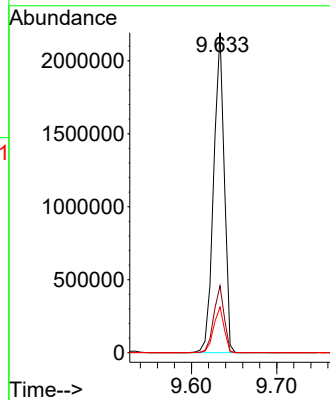
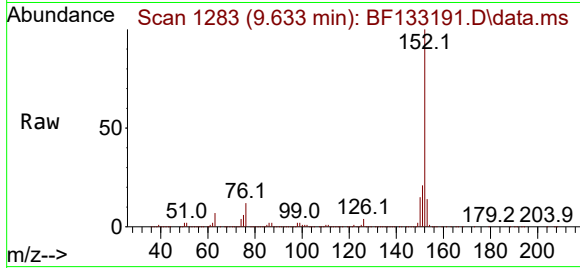




#49
Acenaphthylene
Concen: 44.305 ng
RT: 9.633 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

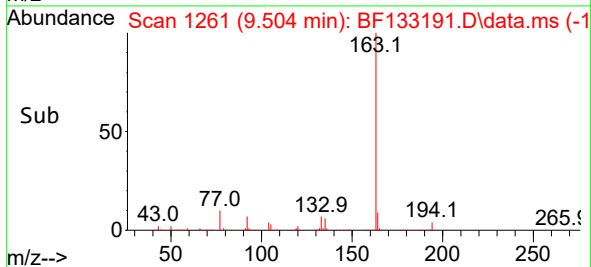
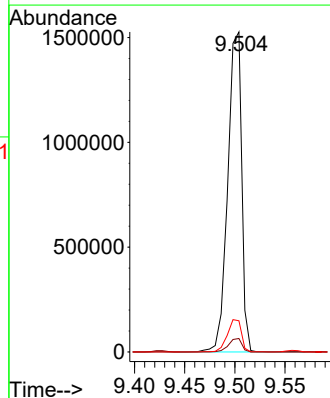
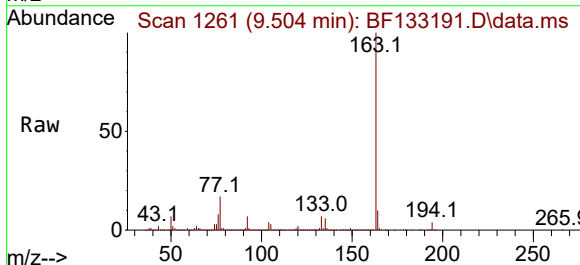
Instrument :
BNA_F
ClientSampleId :
72-11938MS

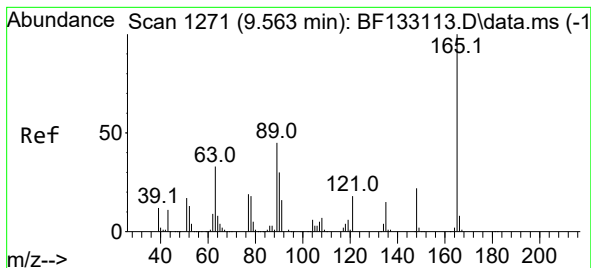
Tgt Ion:152 Resp: 1897614
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.3 11.5 17.3



#50
Dimethylphthalate
Concen: 45.678 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:163 Resp: 1470988
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.7 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 47.637 ng

RT: 9.557 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

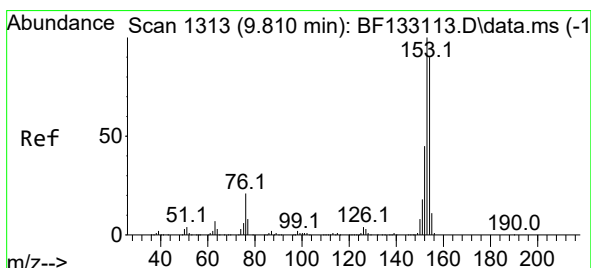
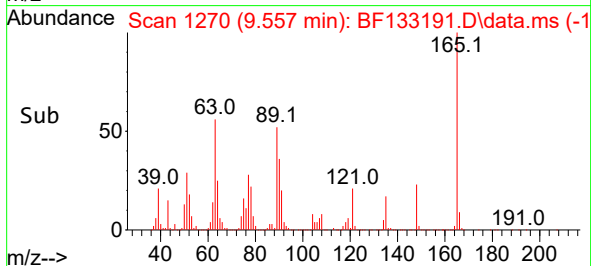
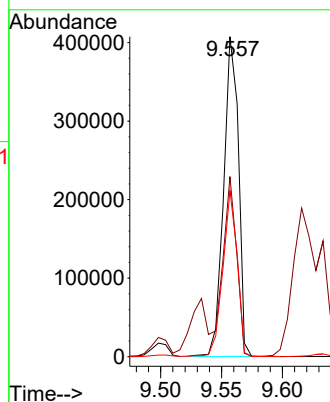
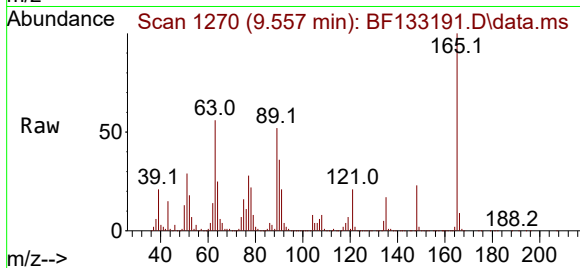
Tgt Ion:165 Resp: 345279

Ion Ratio Lower Upper

165 100

63 56.3 45.9 68.9

89 51.9 44.0 66.0



#52

Acenaphthene

Concen: 41.633 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

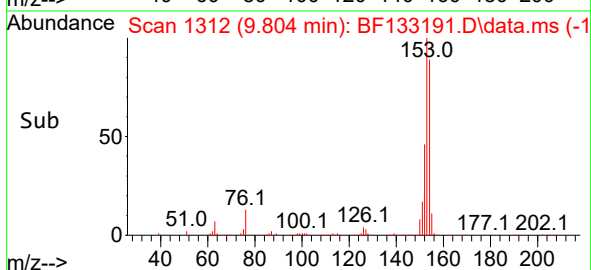
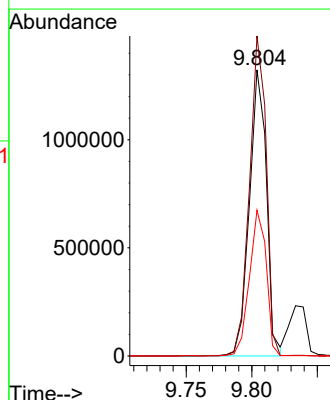
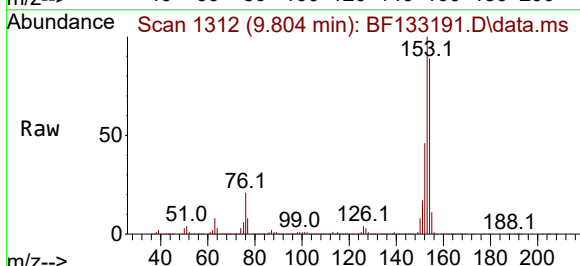
Tgt Ion:154 Resp: 1194270

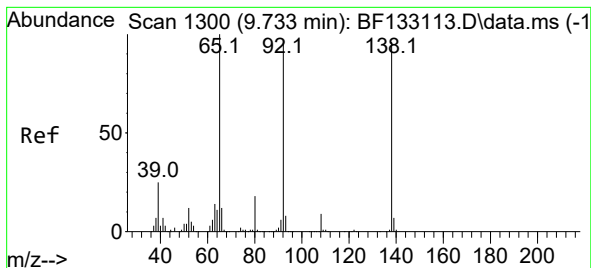
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.6

152 50.9 40.4 60.6





#53

3-Nitroaniline

Concen: 32.458 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

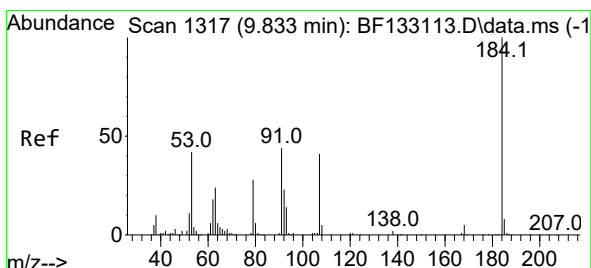
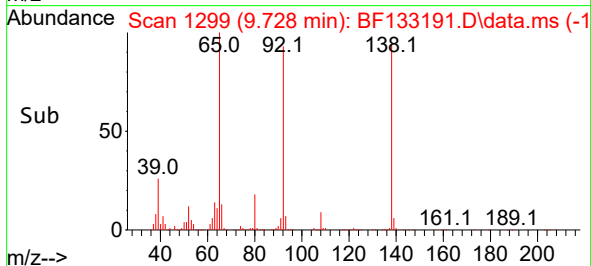
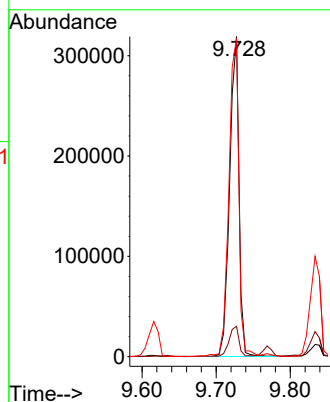
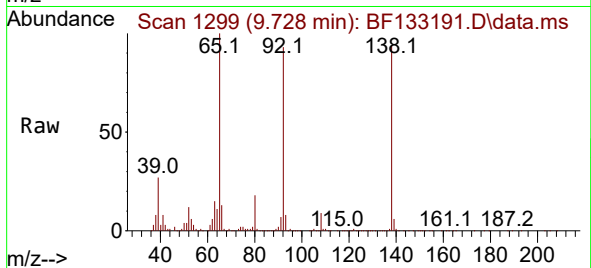
Tgt Ion:138 Resp: 279727

Ion Ratio Lower Upper

138 100

108 9.5 8.0 12.0

92 99.5 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 111.152 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

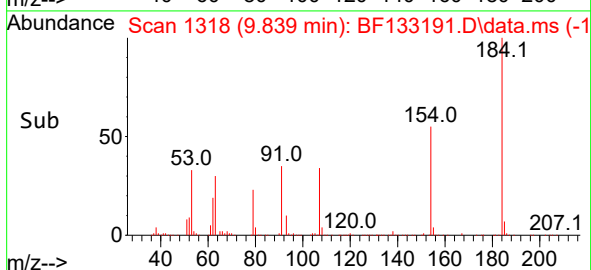
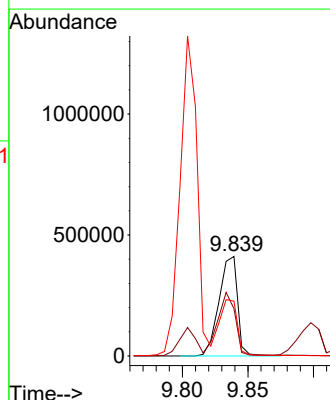
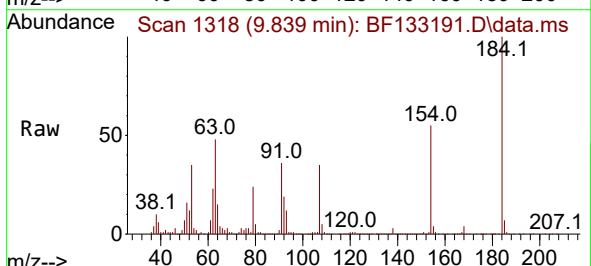
Tgt Ion:184 Resp: 404959

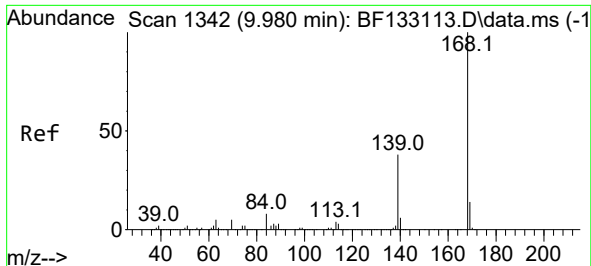
Ion Ratio Lower Upper

184 100

63 47.5 49.8 74.8#

154 55.1 49.5 74.3

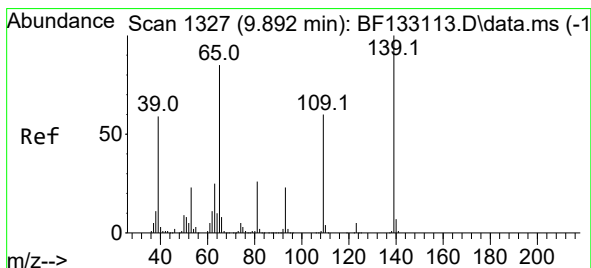
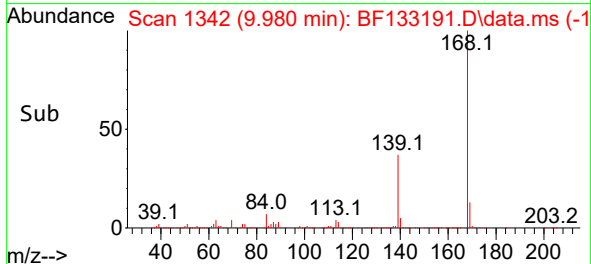
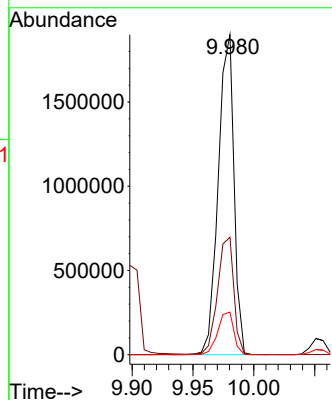
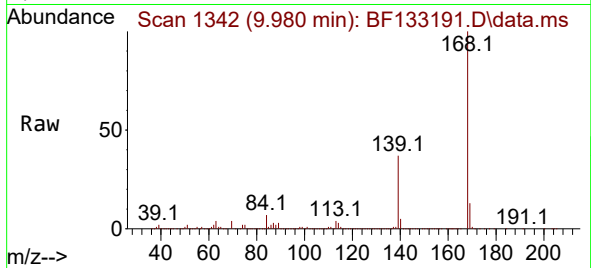




#55
Dibenzenofuran
Concen: 43.738 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

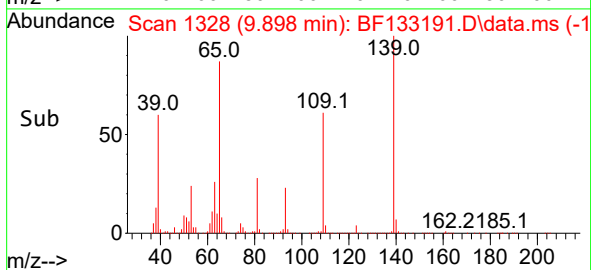
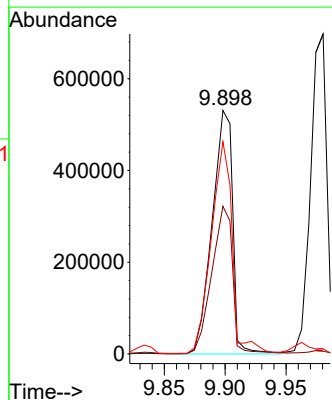
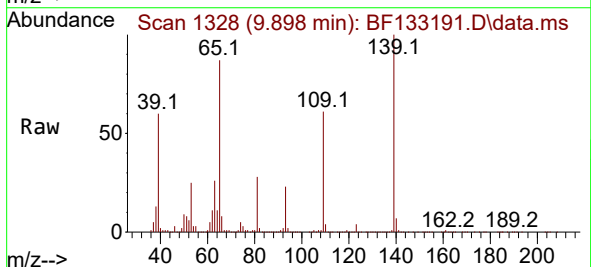
Instrument :
BNA_F
ClientSampleId :
72-11938MS

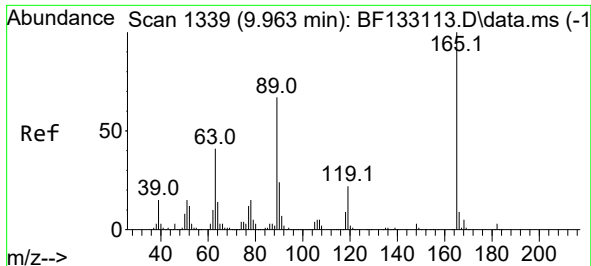
Tgt Ion:168 Resp: 1711469
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 93.304 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:139 Resp: 622803
Ion Ratio Lower Upper
139 100
109 60.7 39.4 79.4
65 87.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 47.562 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF133191.D

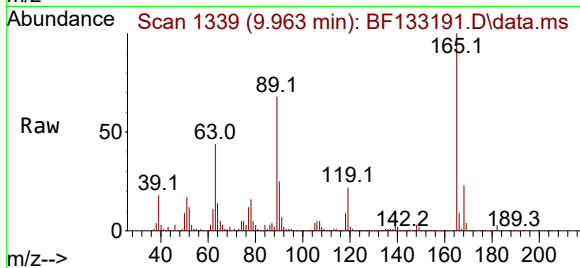
Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS



Tgt Ion:165 Resp: 439639

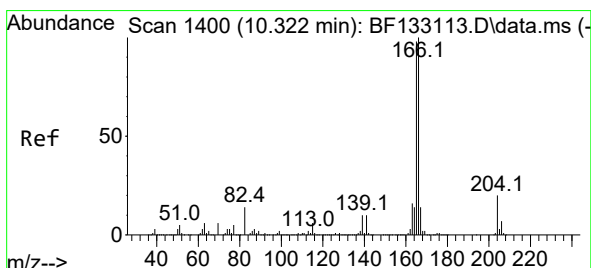
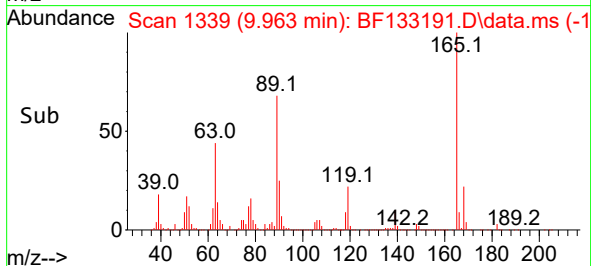
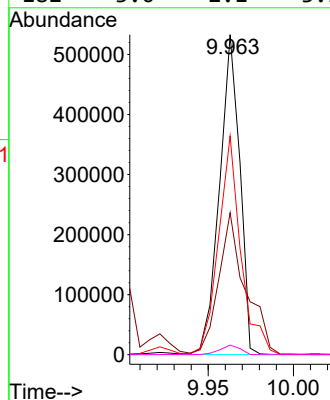
Ion Ratio Lower Upper

165 100

63 44.3 37.7 56.5

89 68.4 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 43.623 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

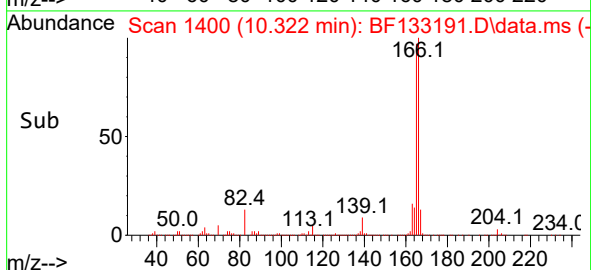
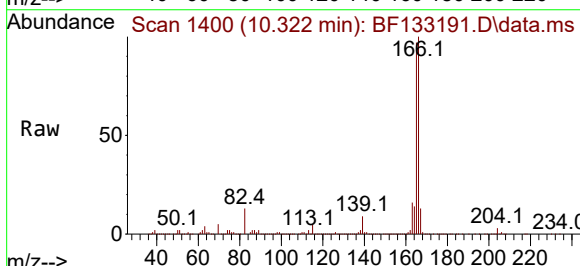
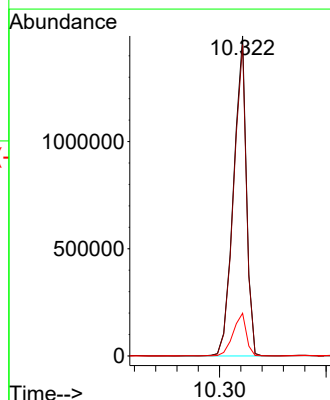
Tgt Ion:166 Resp: 1250599

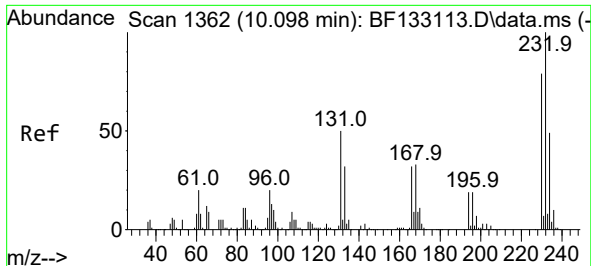
Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.556 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tgt Ion:232 Resp: 350773

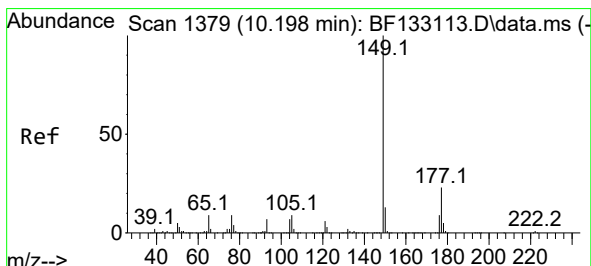
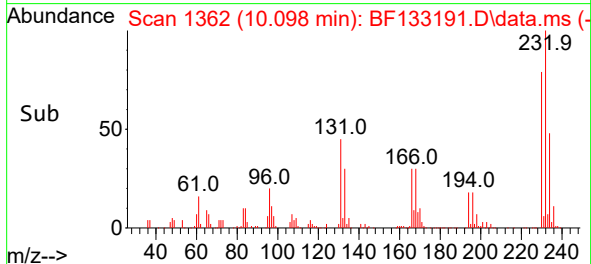
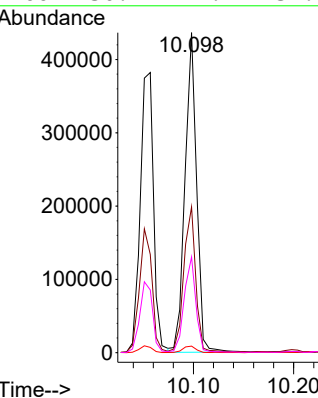
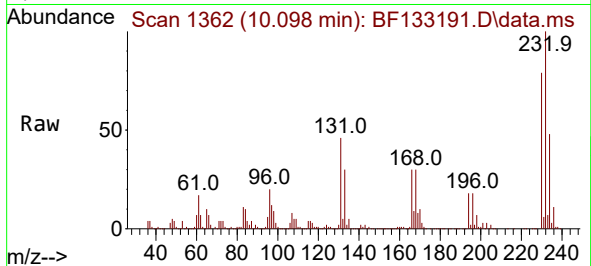
Ion Ratio Lower Upper

232 100

131 46.1 38.0 57.0

130 2.3 1.8 2.8

166 30.1 24.7 37.1



#60

Diethylphthalate

Concen: 45.288 ng

RT: 10.198 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

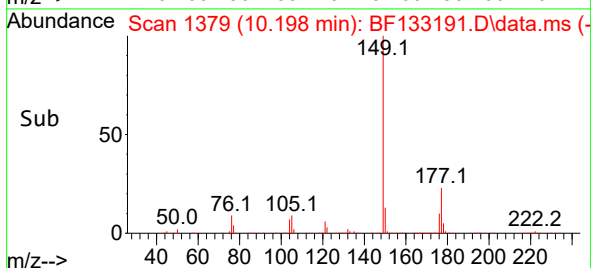
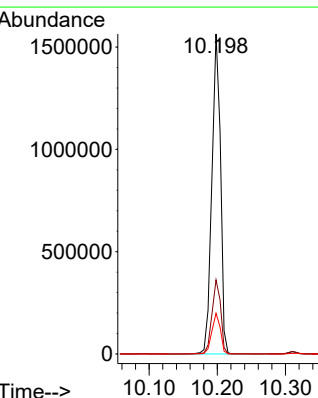
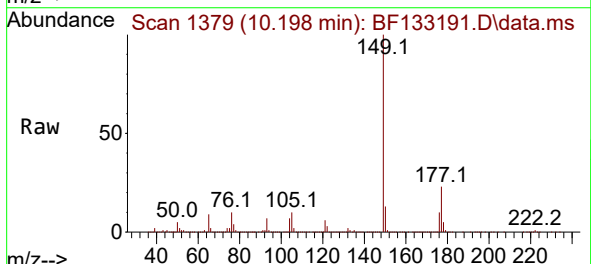
Tgt Ion:149 Resp: 1377577

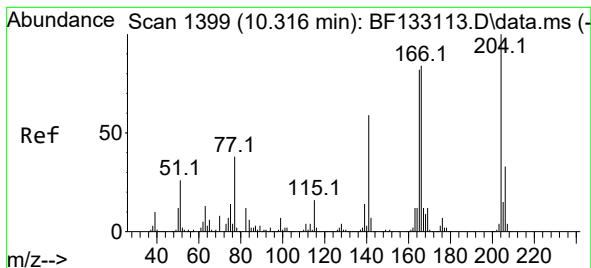
Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.4

150 12.7 10.2 15.4

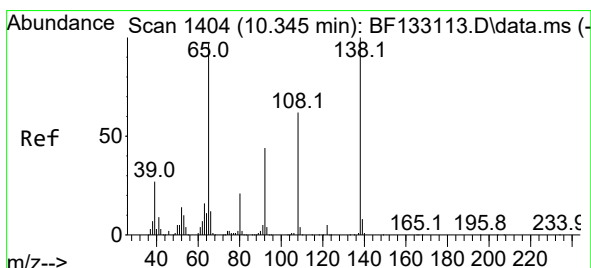
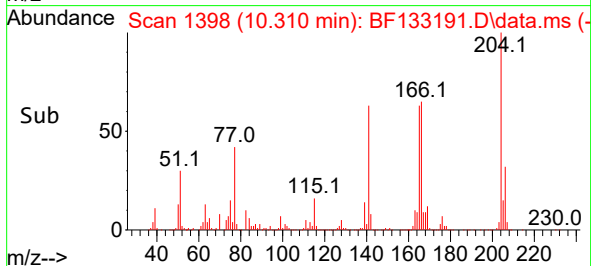
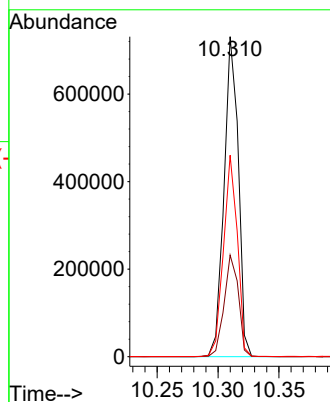
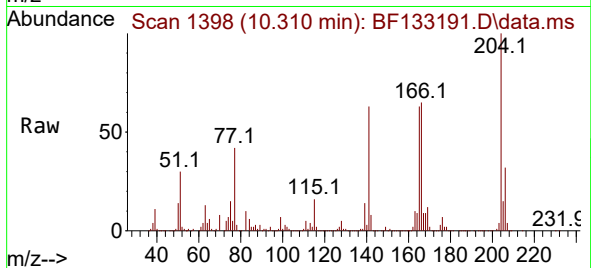




#61
4-Chlorophenyl-phenylether
Concen: 42.720 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

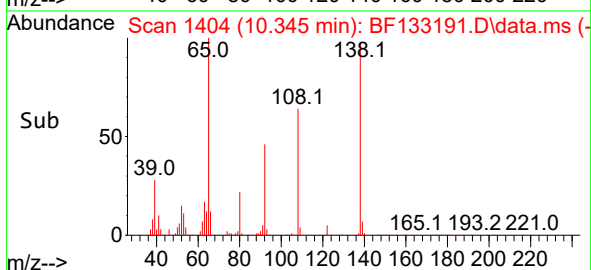
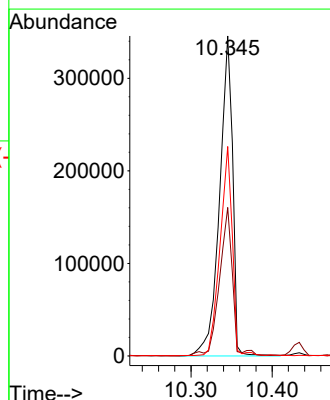
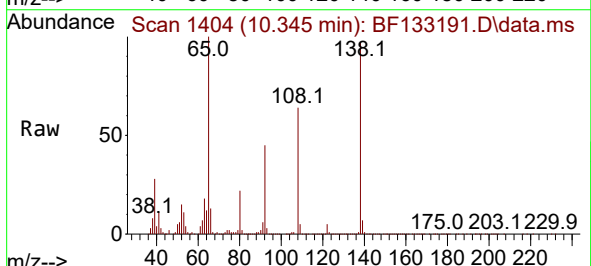
Instrument :
BNA_F
ClientSampleId :
72-11938MS

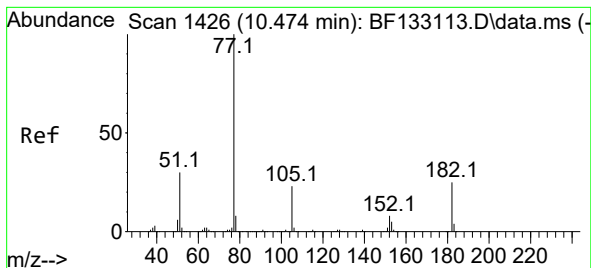
Tgt Ion:204 Resp: 596822
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 63.0 46.1 69.1



#62
4-Nitroaniline
Concen: 48.879 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:138 Resp: 387170
Ion Ratio Lower Upper
138 100
92 46.4 27.7 67.7
108 65.5 45.2 85.2





#63

Azobenzene

Concen: 48.904 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tgt Ion: 77 Resp: 1575851

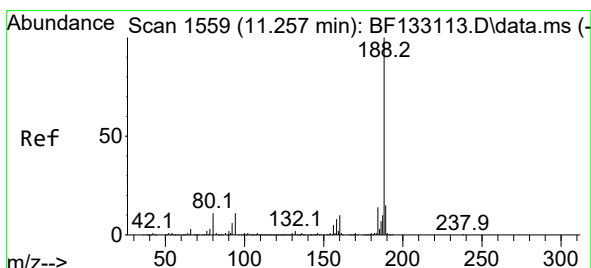
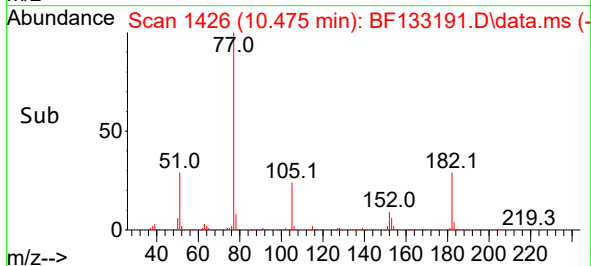
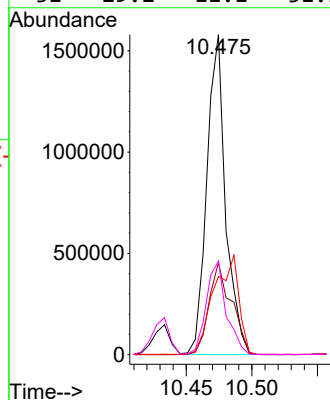
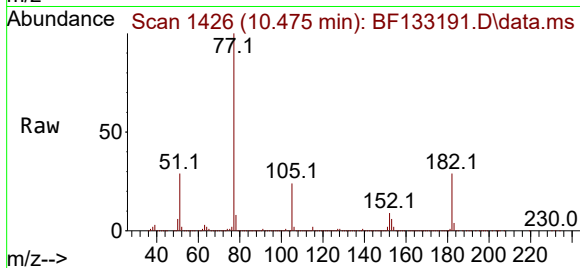
Ion Ratio Lower Upper

77 100

182 28.8 5.9 45.9

105 24.4 2.3 42.3

51 29.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

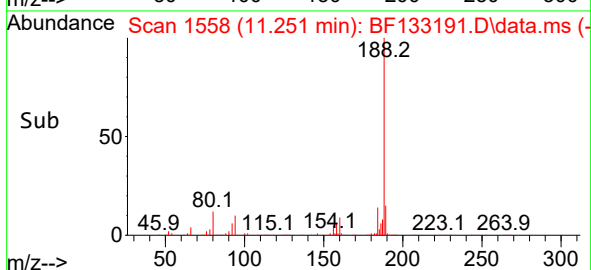
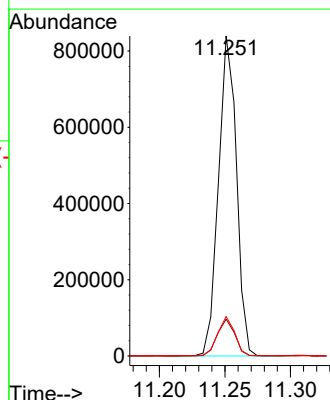
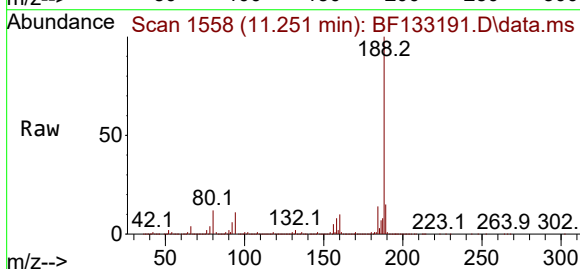
Tgt Ion:188 Resp: 799627

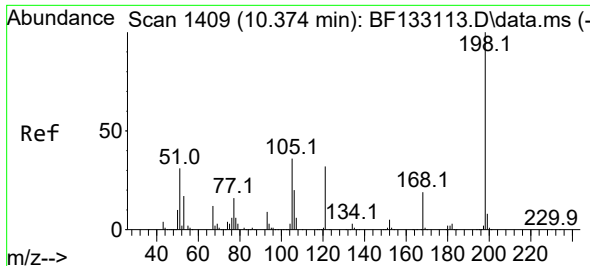
Ion Ratio Lower Upper

188 100

94 11.5 9.7 14.5

80 12.3 10.4 15.6

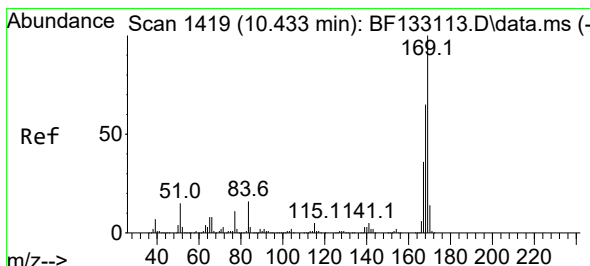
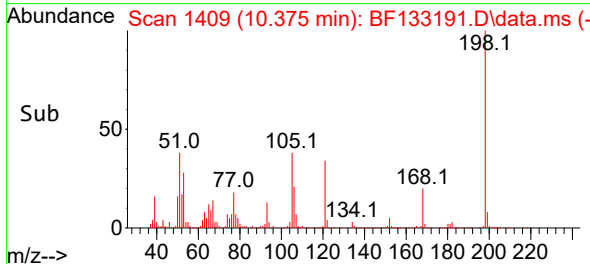
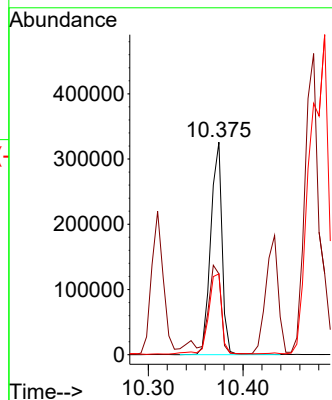
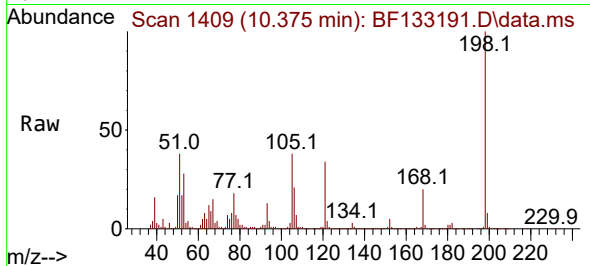




#65
4,6-Dinitro-2-methylphenol
Concen: 56.029 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

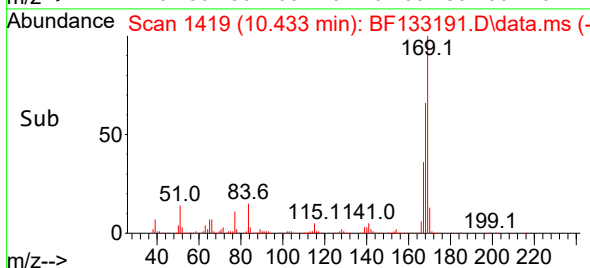
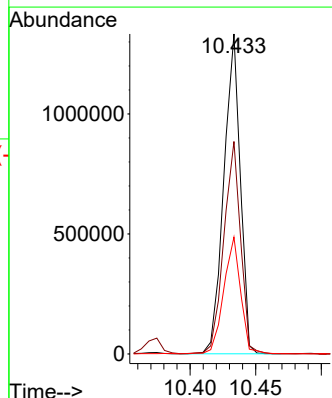
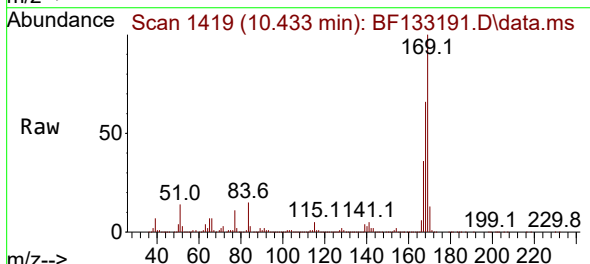
Instrument :
BNA_F
ClientSampleId :
72-11938MS

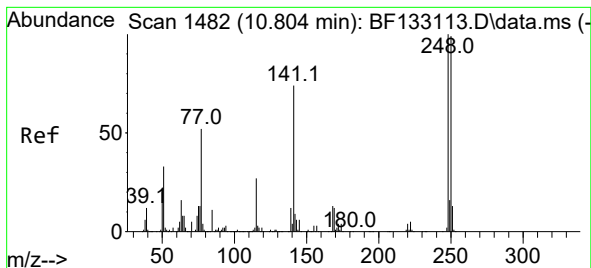
Tgt Ion:198 Resp: 271556
Ion Ratio Lower Upper
198 100
51 38.0 15.5 55.5
105 38.0 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 44.725 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:169 Resp: 1160078
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.5 29.7 44.5

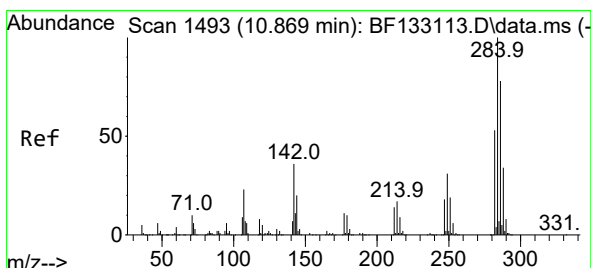
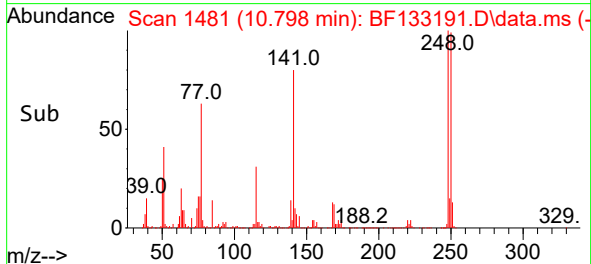
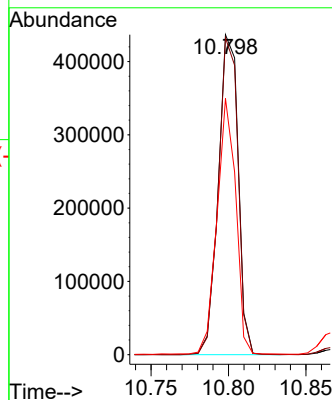
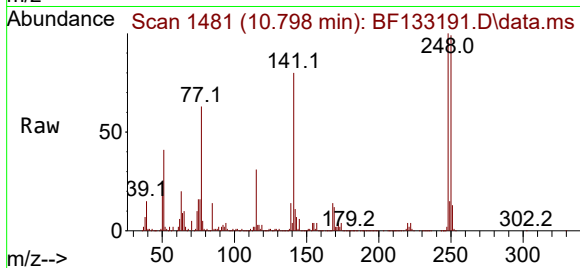




#67
4-Bromophenyl-phenylether
Concen: 44.886 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

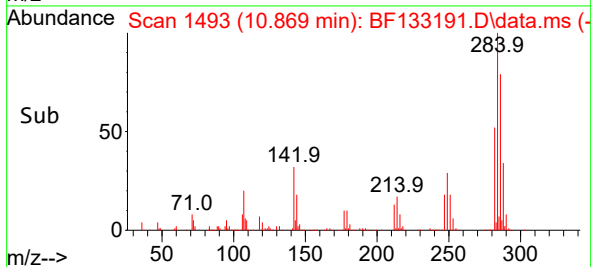
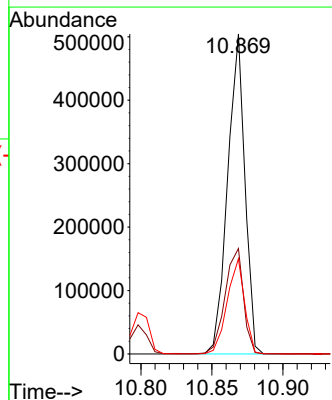
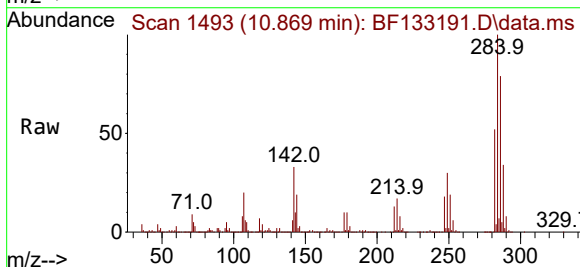
Instrument :
BNA_F
ClientSampleId :
72-11938MS

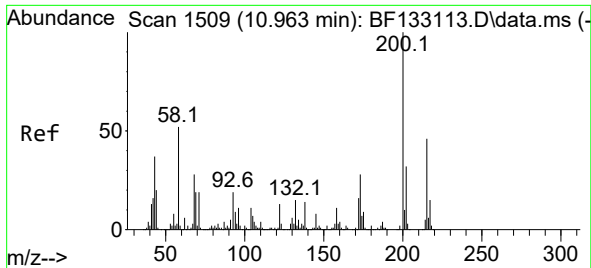
Tgt Ion:248 Resp: 389274
Ion Ratio Lower Upper
248 100
250 99.0 78.7 118.1
141 80.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 47.834 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:284 Resp: 425079
Ion Ratio Lower Upper
284 100
142 32.9 26.0 39.0
249 29.8 23.7 35.5

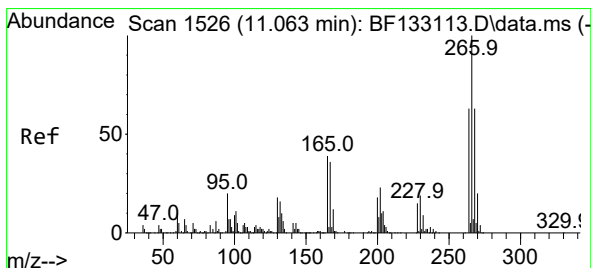
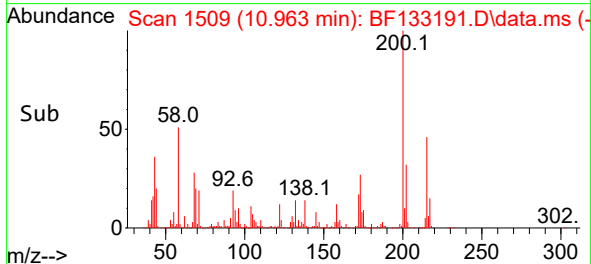
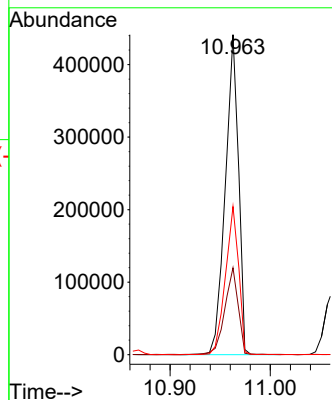
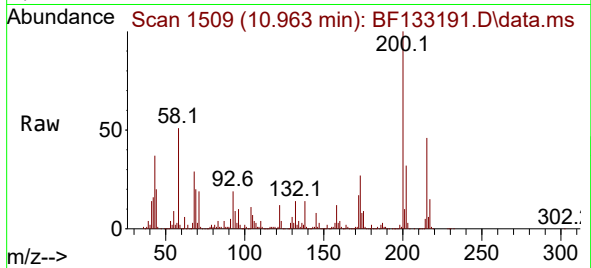




#69
 Atrazine
 Concen: 53.787 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

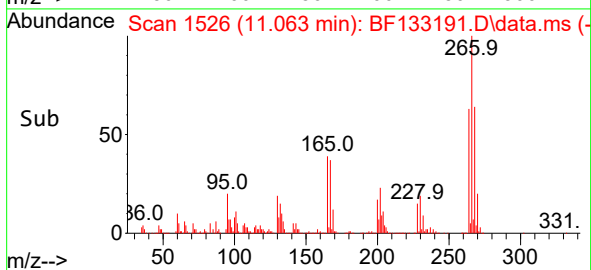
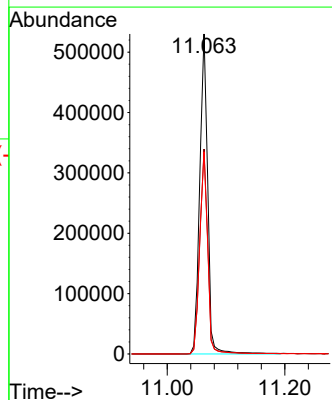
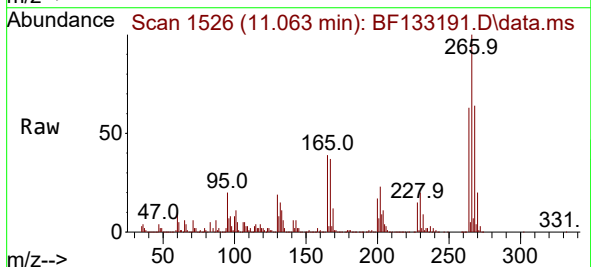
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

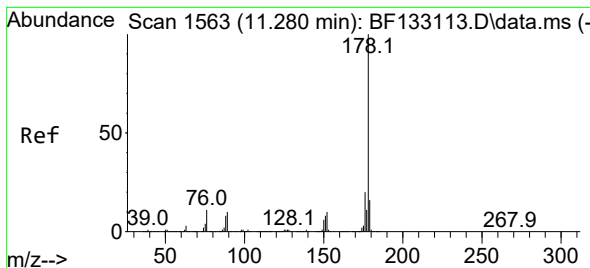
Tgt Ion:200 Resp: 401994
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.2 46.2
 215 46.3 26.3 66.3



#70
 Pentachlorophenol
 Concen: 78.559 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

Tgt Ion:266 Resp: 497195
 Ion Ratio Lower Upper
 266 100
 268 64.1 48.8 73.2
 264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 48.372 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

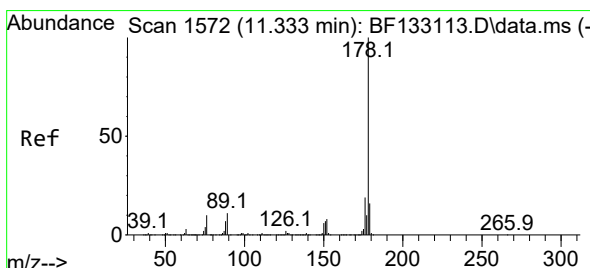
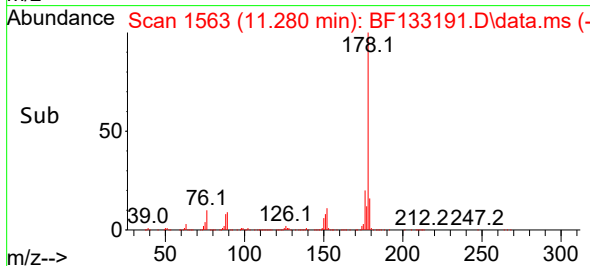
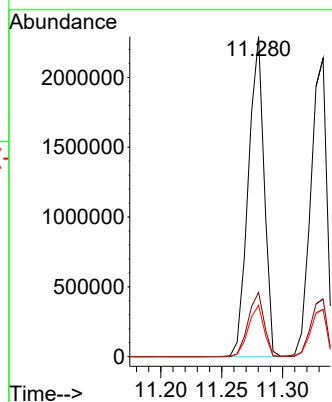
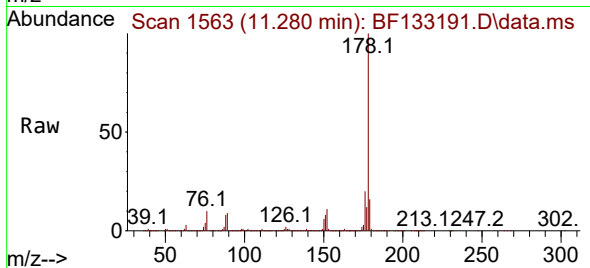
Tgt Ion:178 Resp: 2078898

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 16.1 12.5 18.7



#72

Anthracene

Concen: 44.539 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

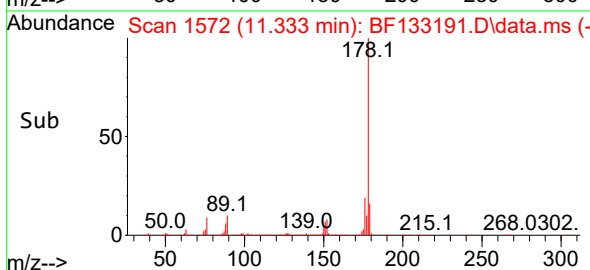
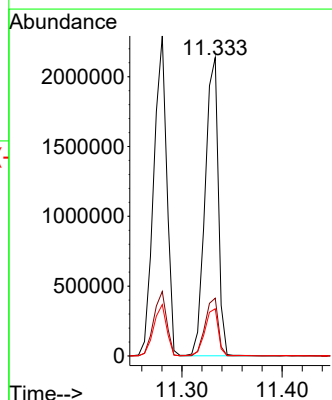
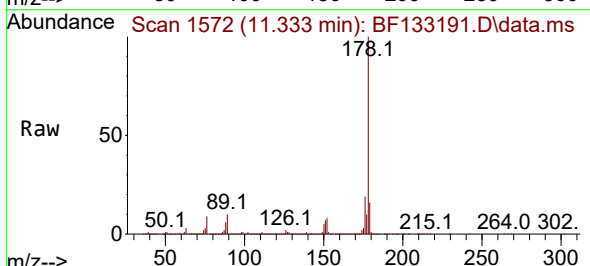
Tgt Ion:178 Resp: 1958967

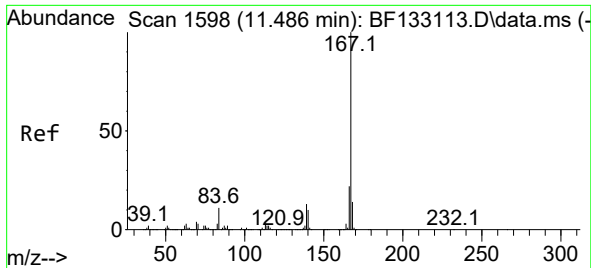
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.8 12.4 18.6

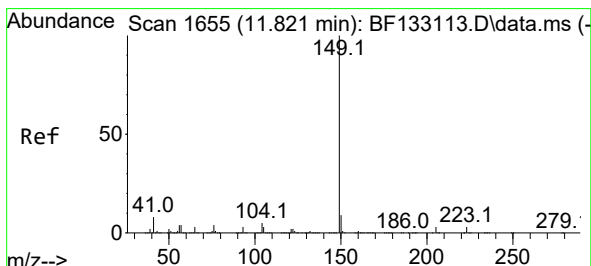
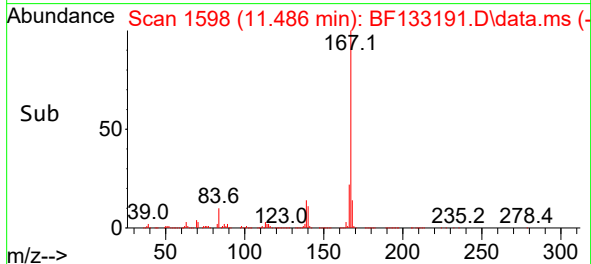
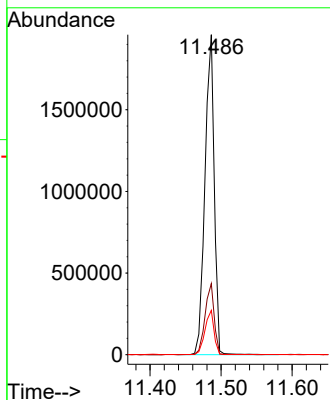
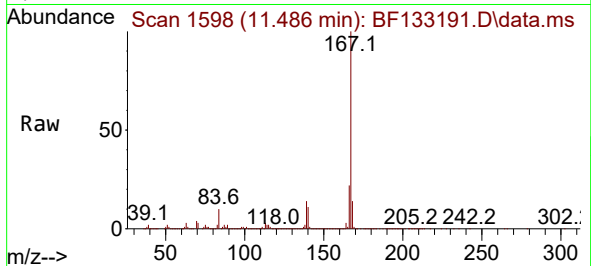




#73
 Carbazole
 Concen: 45.545 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

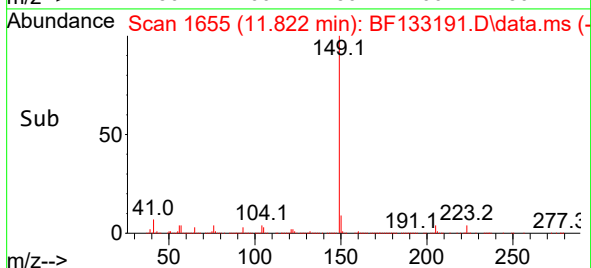
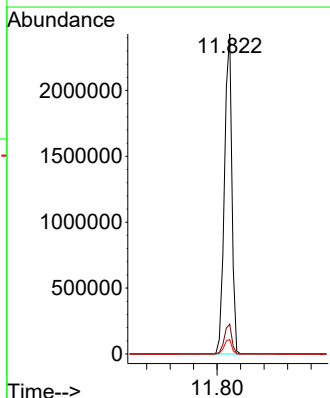
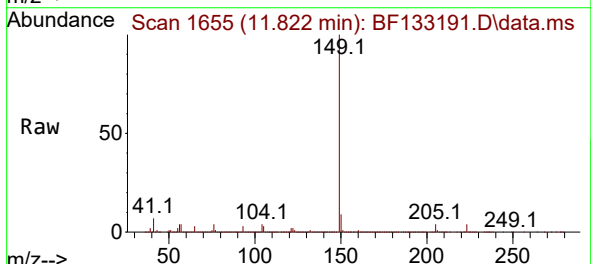
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

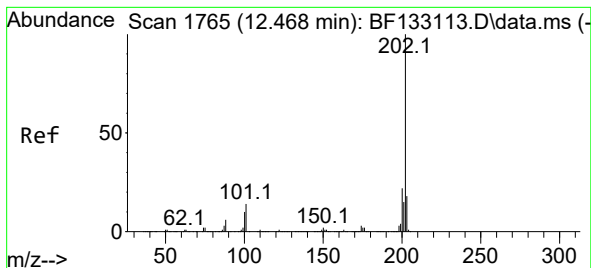
Tgt Ion:167 Resp: 1783686
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.820 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

Tgt Ion:149 Resp: 2119389
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.5 4.0 6.0





#75

Fluoranthene

Concen: 50.564 ng

RT: 12.463 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

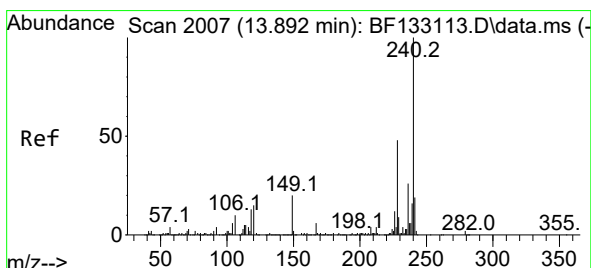
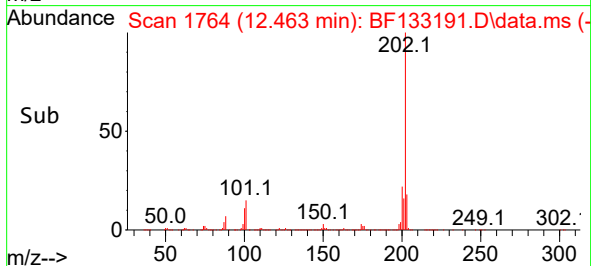
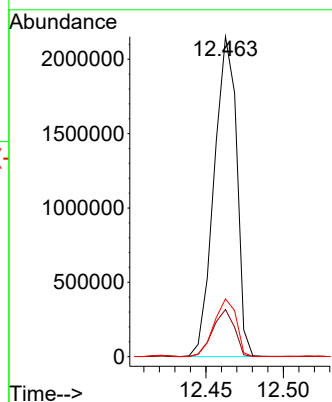
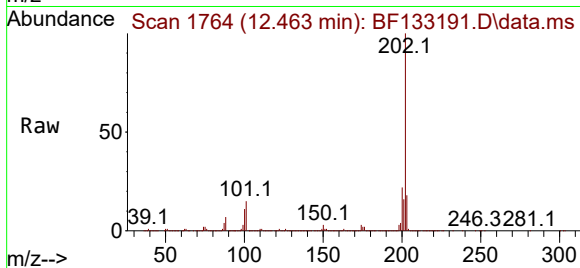
Tgt Ion:202 Resp: 2180964

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.3

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

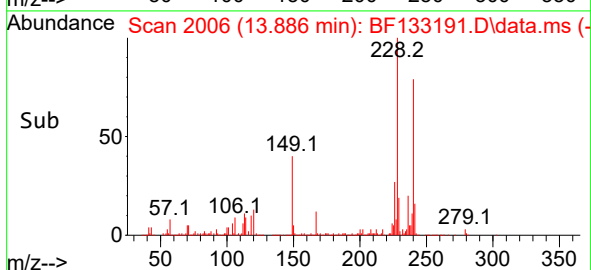
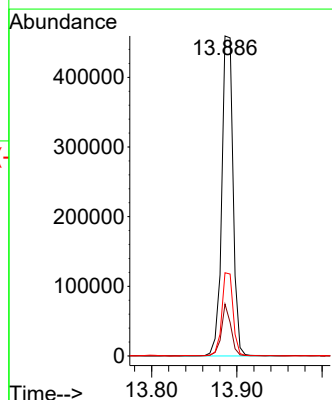
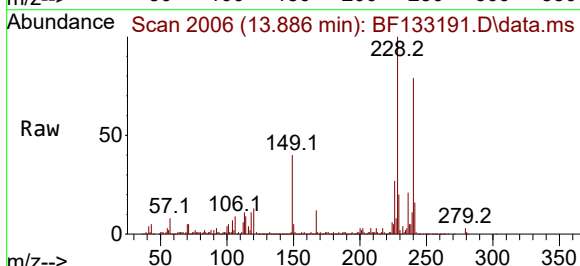
Tgt Ion:240 Resp: 422218

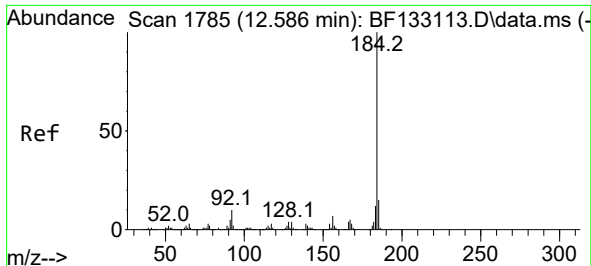
Ion Ratio Lower Upper

240 100

120 16.2 10.5 15.7#

236 26.0 21.5 32.3

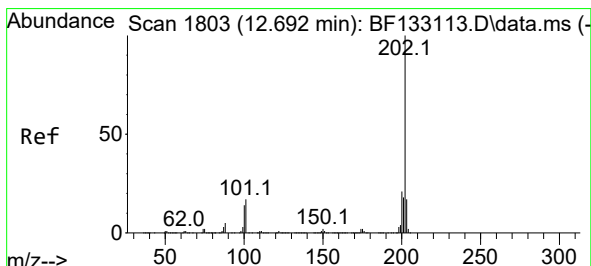
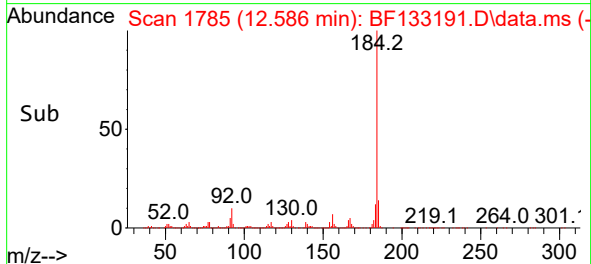
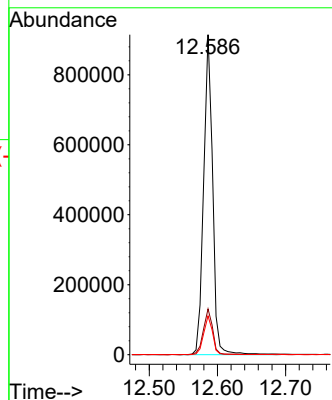
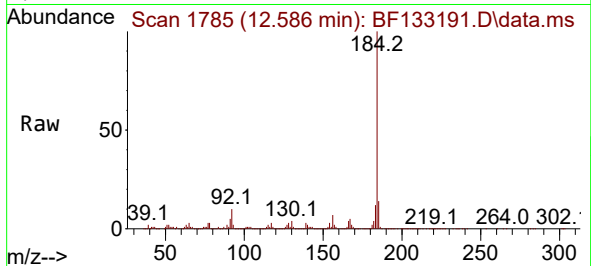




#77
Benzidine
Concen: 117.649 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

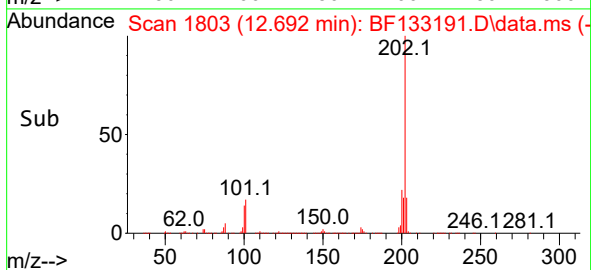
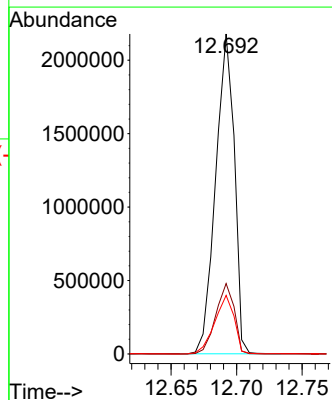
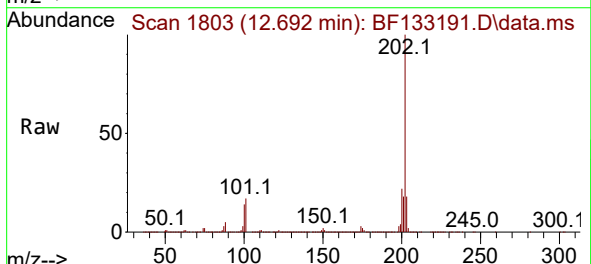
Instrument :
BNA_F
ClientSampleId :
72-11938MS

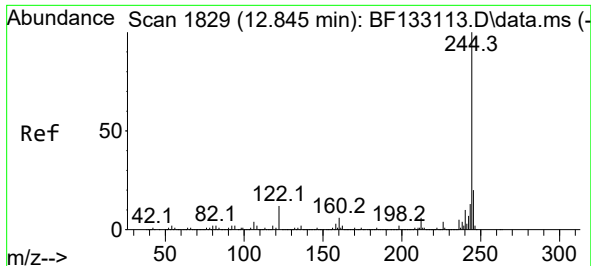
Tgt Ion:184 Resp: 840007
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2#
183 12.1 9.4 14.0



#78
Pyrene
Concen: 59.535 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:202 Resp: 2154816
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.3 14.1 21.1

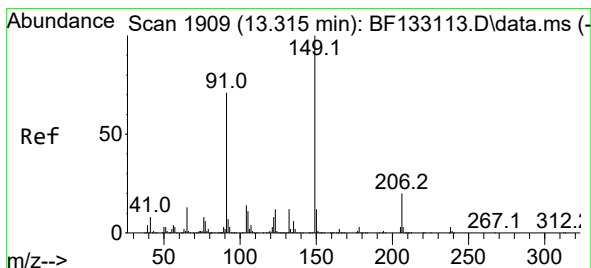
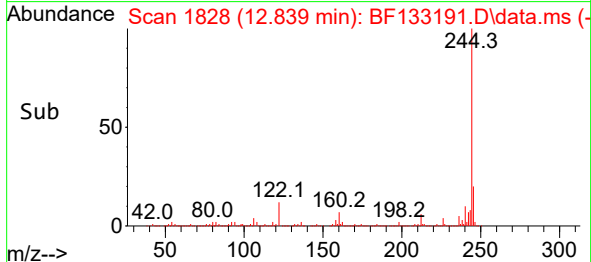
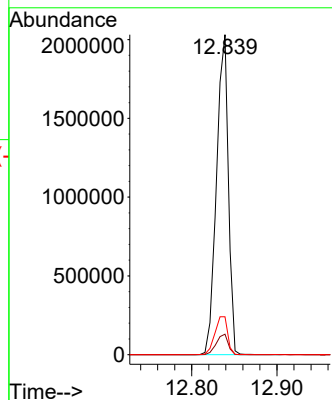
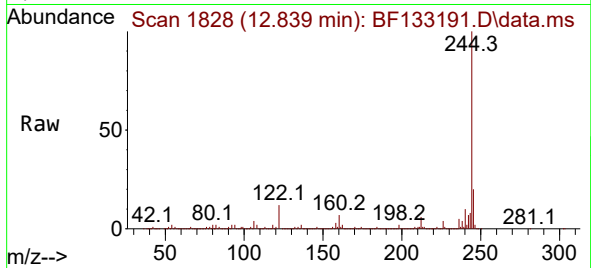




#79
 Terphenyl-d14
 Concen: 80.004 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

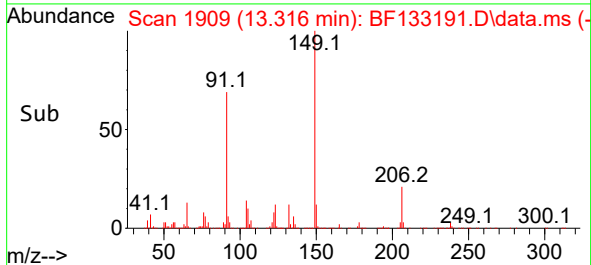
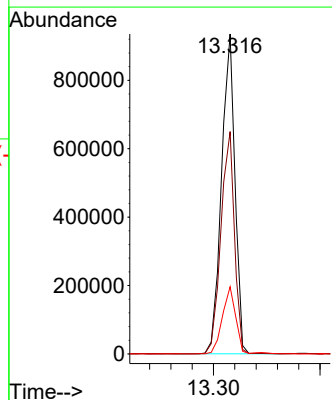
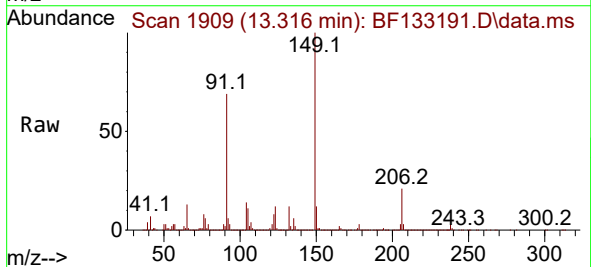
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

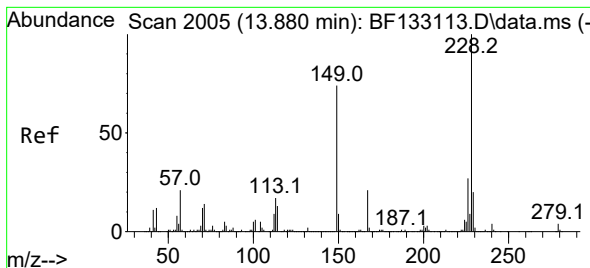
Tgt Ion:244 Resp: 1958590
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.8 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 63.566 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133191.D
 Acq: 02 May 2023 16:19

Tgt Ion:149 Resp: 814616
 Ion Ratio Lower Upper
 149 100
 91 69.5 53.8 80.6
 206 21.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 49.361 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

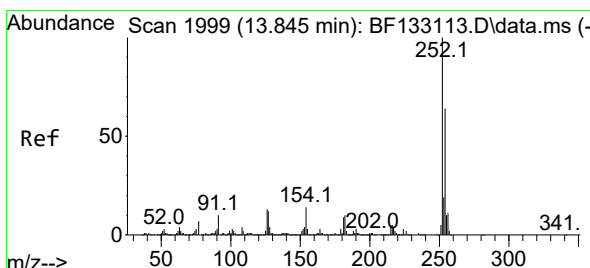
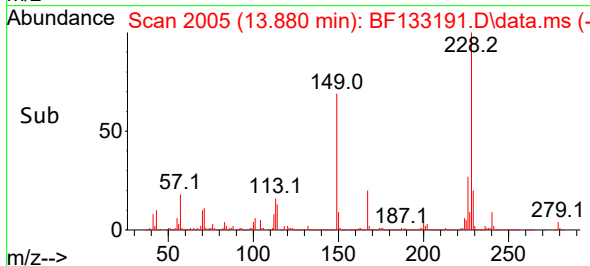
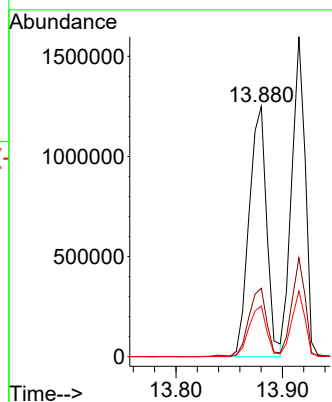
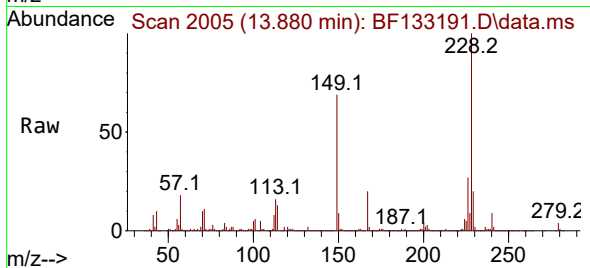
Tgt Ion:228 Resp: 1433168

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.463 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

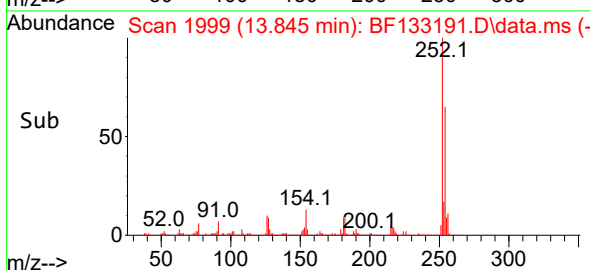
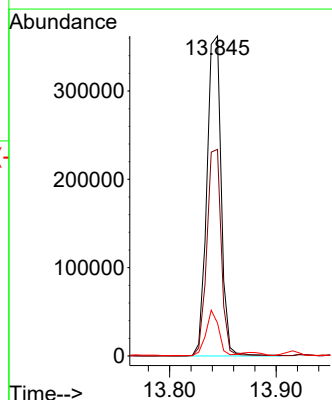
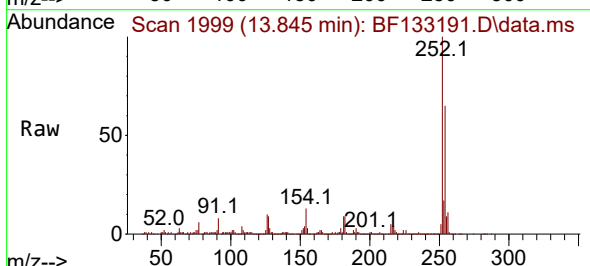
Tgt Ion:252 Resp: 340589

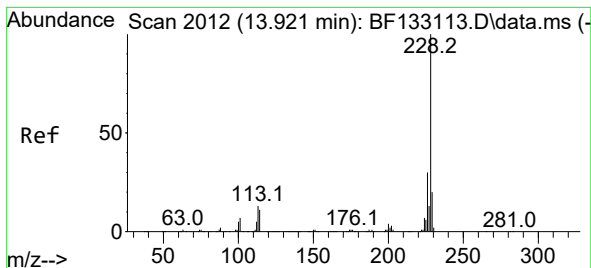
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 10.3 9.5 14.3





#83

Chrysene

Concen: 48.364 ng

RT: 13.915 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

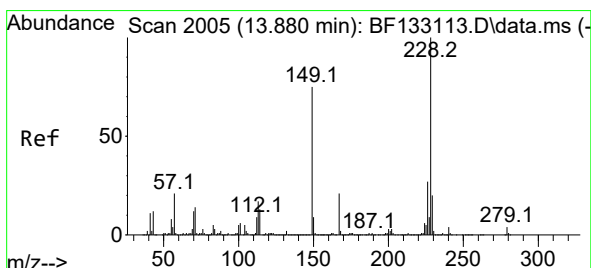
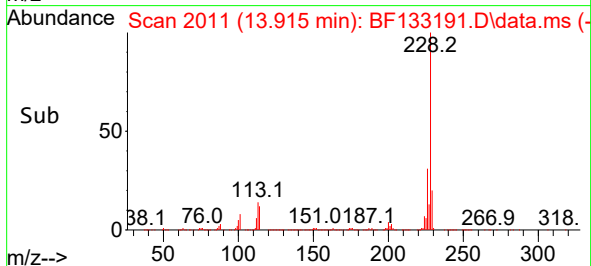
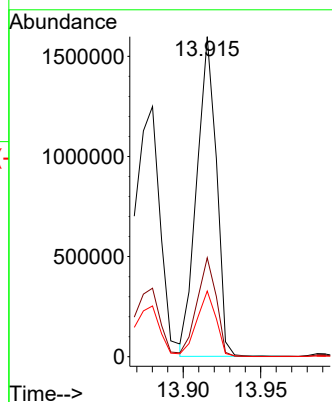
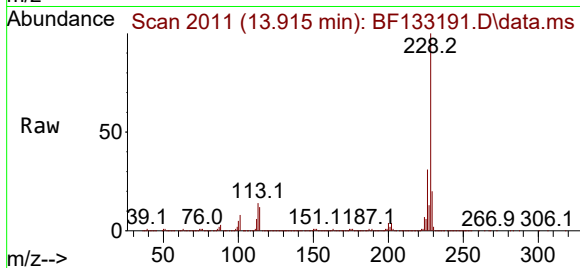
Tgt Ion:228 Resp: 1403870

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.387 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

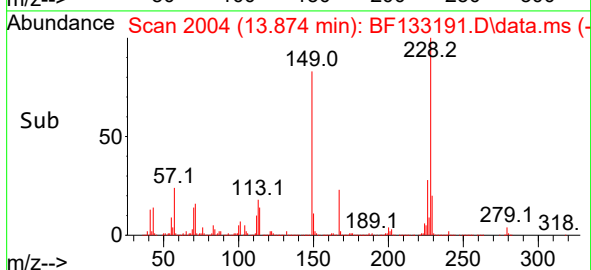
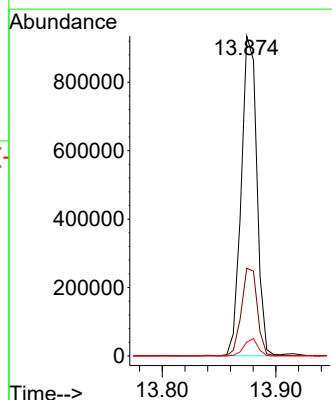
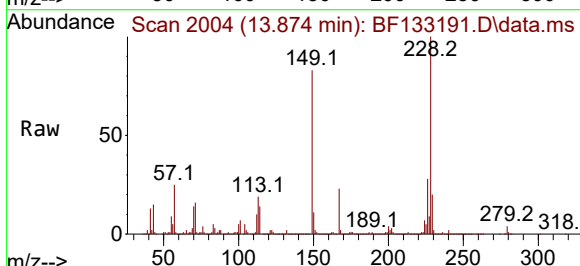
Tgt Ion:149 Resp: 890929

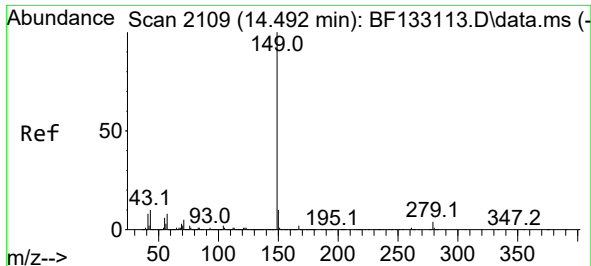
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.4 4.2 6.4

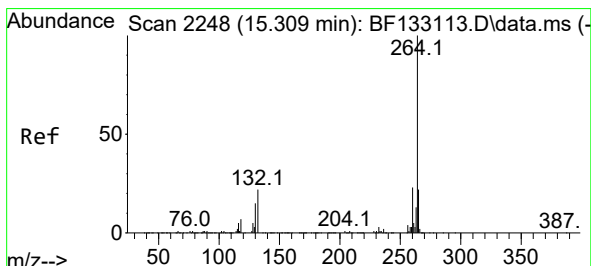
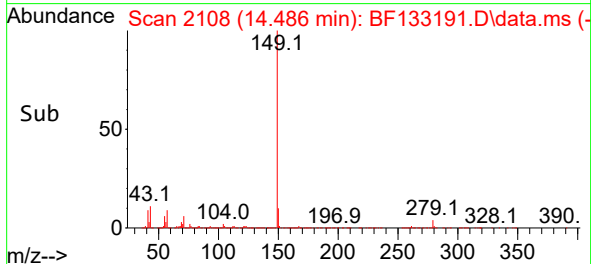
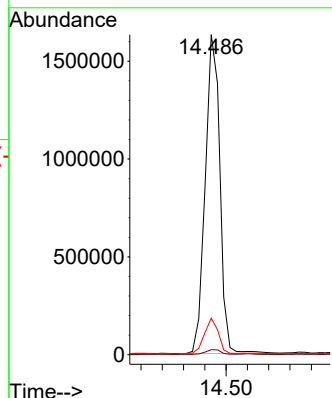
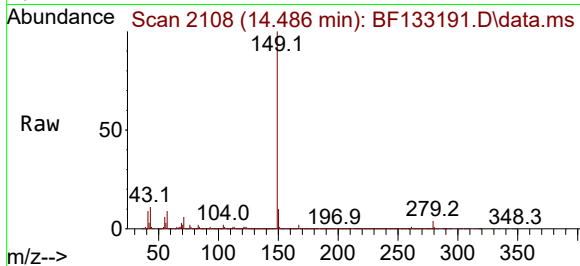




#85
Di-n-octyl phthalate
Concen: 59.618 ng
RT: 14.486 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

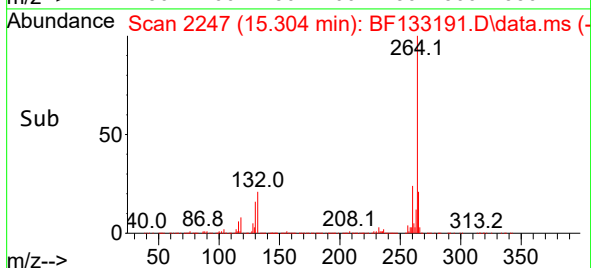
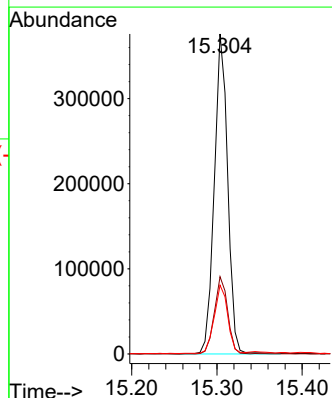
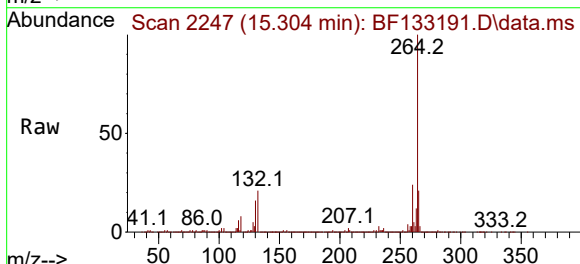
Instrument :
BNA_F
ClientSampleId :
72-11938MS

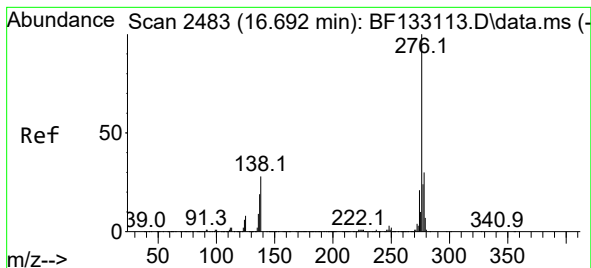
Tgt Ion:149 Resp: 1563672
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.5 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:264 Resp: 410850
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.978 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

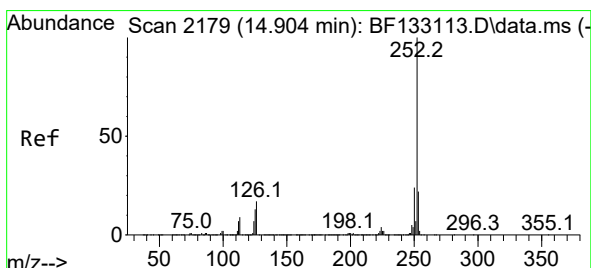
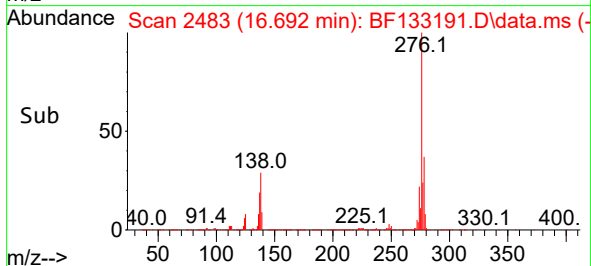
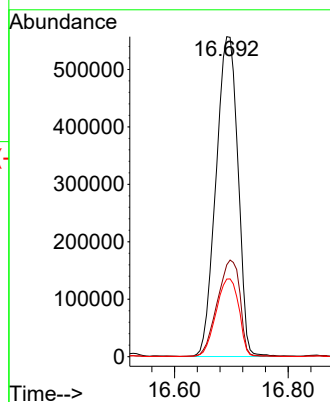
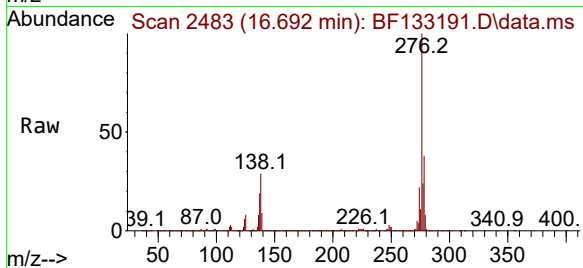
Tgt Ion:276 Resp: 1495171

Ion Ratio Lower Upper

276 100

138 31.1 25.5 38.3

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.445 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

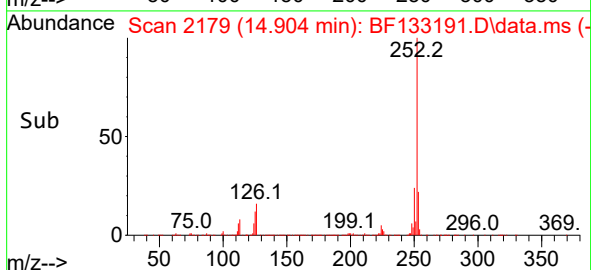
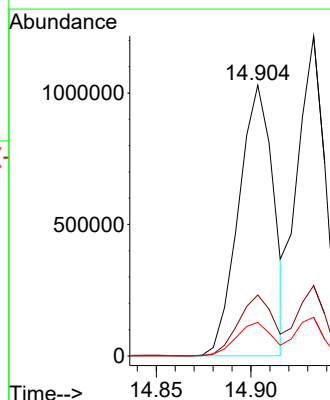
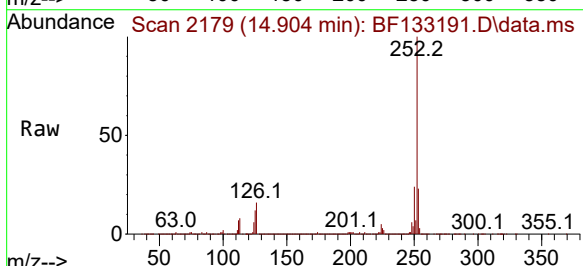
Tgt Ion:252 Resp: 1318519

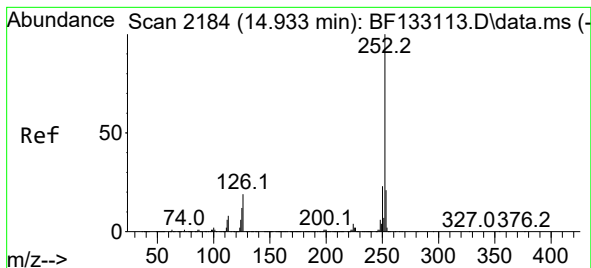
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 46.723 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

Instrument :

BNA_F

ClientSampleId :

72-11938MS

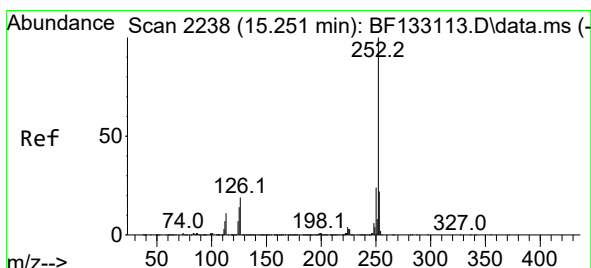
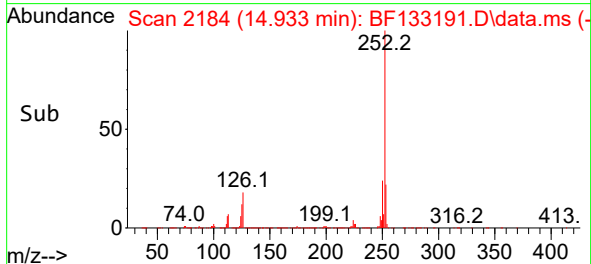
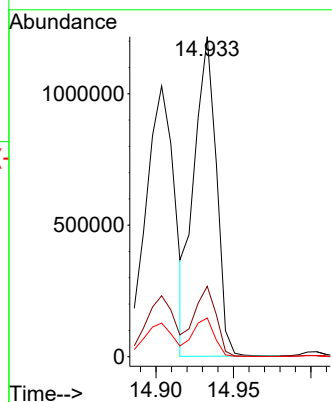
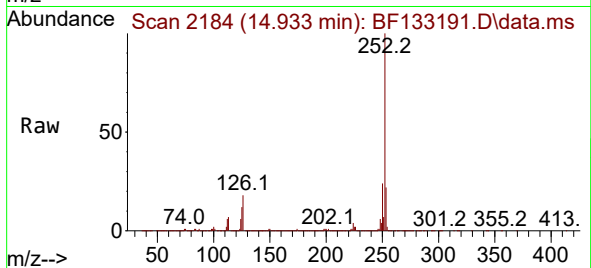
Tgt Ion:252 Resp: 1210603

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.1 9.0 13.4



#90

Benzo(a)pyrene

Concen: 47.761 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133191.D

Acq: 02 May 2023 16:19

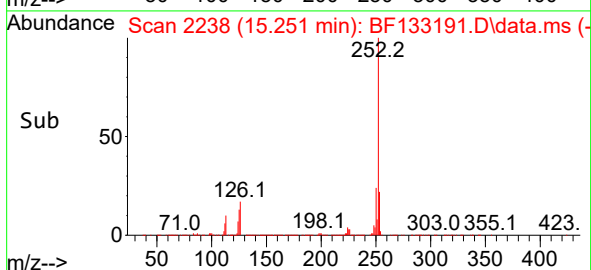
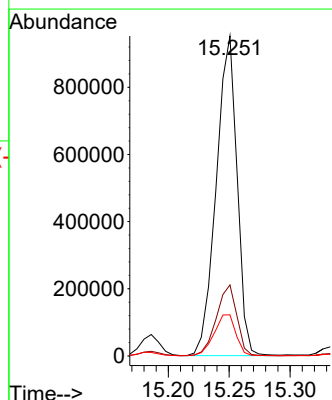
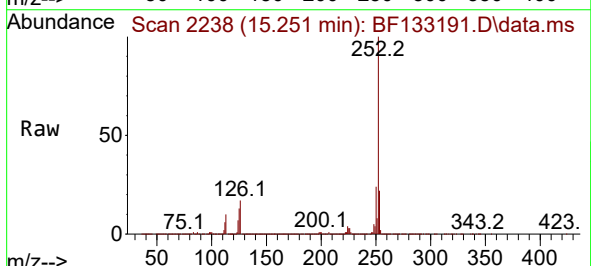
Tgt Ion:252 Resp: 1136279

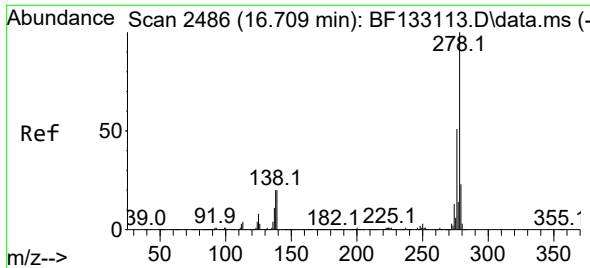
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 12.9 10.5 15.7

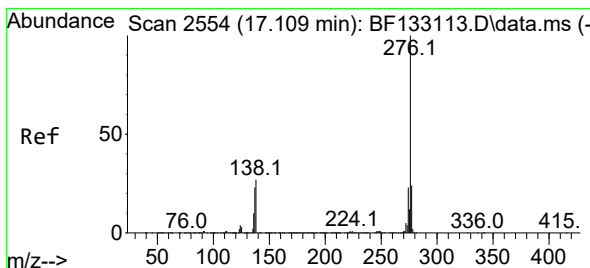
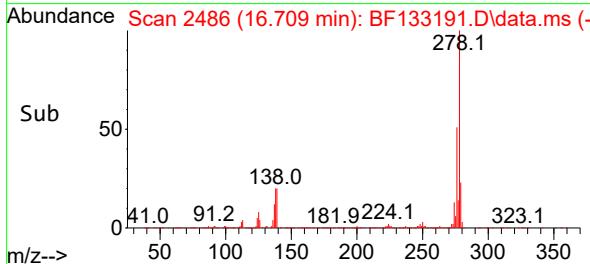
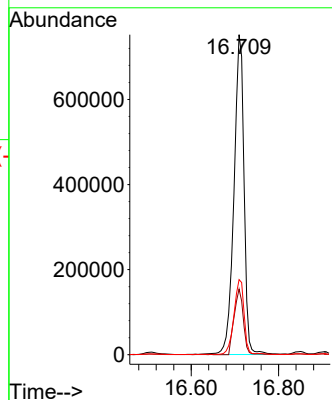
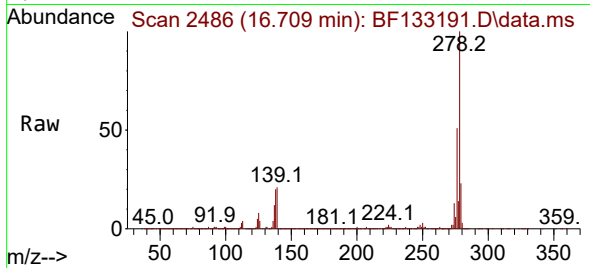




#91
Dibenzo(a,h)anthracene
Concen: 61.870 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tgt Ion:278 Resp: 1205943
Ion Ratio Lower Upper
278 100
139 20.5 16.6 24.8
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 65.152 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BF133191.D
Acq: 02 May 2023 16:19

Tgt Ion:276 Resp: 1253745
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 26.4 22.7 34.1

