

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133138.D
 Acq On : 29 Apr 2023 00:01
 Operator : CG\JU
 Sample : 02522-12MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4MS

Quant Time: May 01 03:09:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	190366	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	772909	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	393106	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	700777	20.000	ng	0.00
76) Chrysene-d12	13.892	240	454277	20.000	ng	0.00
86) Perylene-d12	15.304	264	386766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	882505	70.029	ng	0.00
7) Phenol-d6	6.375	99	698466	44.654	ng	0.00
23) Nitrobenzene-d5	7.304	82	1309082	91.421	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	515410	130.370	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2075150	88.315	ng	0.00
79) Terphenyl-d14	12.839	244	2407687	91.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	134529	23.015	ng	97
3) Pyridine	3.140	79	308858	19.894	ng	97
4) n-Nitrosodimethylamine	3.087	42	189110	23.517	ng	98
6) Aniline	6.398	93	682962	33.901	ng	96
8) 2-Chlorophenol	6.522	128	561084	43.852	ng	93
9) Benzaldehyde	6.281	77	431735	Below Cal		98
10) Phenol	6.387	94	311661	18.061	ng	# 69
11) bis(2-Chloroethyl)ether	6.469	93	636292	49.139	ng	99
12) 1,3-Dichlorobenzene	6.675	146	559749	41.147	ng	99
13) 1,4-Dichlorobenzene	6.751	146	563693	41.346	ng	100
14) 1,2-Dichlorobenzene	6.904	146	561929	44.706	ng	96
15) Benzyl Alcohol	6.881	79	371485	34.382	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1005838	44.723	ng	96
17) 2-Methylphenol	6.998	107	376934	32.172	ng	97
18) Hexachloroethane	7.245	117	194646	41.065	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	452971	46.517	ng	99
20) 3+4-Methylphenols	7.151	107	428931	31.087	ng	# 86
22) Acetophenone	7.146	105	889390	49.675	ng	# 96
24) Nitrobenzene	7.322	77	684252	47.157	ng	97
25) Isophorone	7.563	82	1283612	47.214	ng	99
26) 2-Nitrophenol	7.640	139	356460	50.933	ng	95
27) 2,4-Dimethylphenol	7.681	122	534127	44.508	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	757567	47.102	ng	99
29) 2,4-Dichlorophenol	7.881	162	508634	46.558	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	521232	46.053	ng	100
31) Naphthalene	8.045	128	1752991	45.364	ng	99
32) Benzoic acid	7.775	122	133685	18.034	ng	98
33) 4-Chloroaniline	8.092	127	553014	35.419	ng	99
34) Hexachlorobutadiene	8.163	225	266618	42.503	ng	99
35) Caprolactam	8.457	113	26374	7.186	ng	93
36) 4-Chloro-3-methylphenol	8.575	107	514265	43.652	ng	96
37) 2-Methylnaphthalene	8.734	142	1189111	45.009	ng	98
38) 1-Methylnaphthalene	8.834	142	1121543	45.379	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	477200	45.149	ng	98
41) Hexachlorocyclopentadiene	8.892	237	572043	92.801	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	351136	48.038	ng	99

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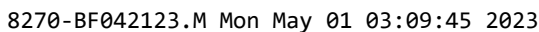
Instrument :
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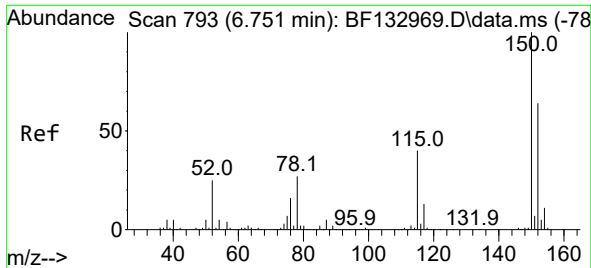
Quant Time: May 01 03:09:40 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	375876	44.463	ng	98
46) 1,1'-Biphenyl	9.198	154	1453802	46.639	ng	100
47) 2-Chloronaphthalene	9.222	162	1102901	48.340	ng	98
48) 2-Nitroaniline	9.316	65	381932	50.651	ng	95
49) Acenaphthylene	9.634	152	1732781	47.531	ng	100
50) Dimethylphthalate	9.504	163	1293139	47.177	ng	100
51) 2,6-Dinitrotoluene	9.563	165	314161	50.923	ng	87
52) Acenaphthene	9.810	154	1123287	46.006	ng	99
53) 3-Nitroaniline	9.728	138	300550	40.972	ng	97
54) 2,4-Dinitrophenol	9.834	184	347512	112.063	ng	95
55) Dibenzofuran	9.981	168	1554345	46.668	ng	97
56) 4-Nitrophenol	9.892	139	223015	39.253	ng	98
57) 2,4-Dinitrotoluene	9.963	165	411071	52.248	ng	97
58) Fluorene	10.322	166	1139157	46.684	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	313872	47.891	ng	99
60) Diethylphthalate	10.198	149	1248182	48.209	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	543560	45.711	ng	99
62) 4-Nitroaniline	10.345	138	350701	52.017	ng	98
63) Azobenzene	10.475	77	1338870	48.815	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	243154	57.246	ng	98
66) n-Nitrosodiphenylamine	10.434	169	1000809	44.028	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	355794	46.813	ng	98
68) Hexachlorobenzene	10.869	284	388066	49.829	ng	99
69) Atrazine	10.963	200	368028	56.188	ng	99
70) Pentachlorophenol	11.063	266	460535	83.031	ng	99
71) Phenanthrene	11.281	178	1769547	46.982	ng	99
72) Anthracene	11.333	178	1832563	47.543	ng	100
73) Carbazole	11.486	167	1694938	49.383	ng	99
74) Di-n-butylphthalate	11.822	149	1947095	50.130	ng	100
75) Fluoranthene	12.469	202	1865762	49.358	ng	96
77) Benzidine	12.586	184	215605	28.066	ng	# 93
78) Pyrene	12.692	202	1895091	48.664	ng	99
80) Butylbenzylphthalate	13.316	149	822771	59.671	ng	97
81) Benzo(a)anthracene	13.880	228	1467363	46.972	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	434339	50.330	ng	99
83) Chrysene	13.916	228	1461536	46.797	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	901124	52.067	ng	100
85) Di-n-octyl phthalate	14.492	149	1585790	56.194	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1408054	64.002	ng	99
88) Benzo(b)fluoranthene	14.904	252	1258228	51.136	ng	99
89) Benzo(k)fluoranthene	14.933	252	1224125	50.187	ng	97
90) Benzo(a)pyrene	15.251	252	1066856	47.636	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	1161218	63.285	ng	99
92) Benzo(g,h,i)perylene	17.110	276	1176509	64.946	ng	99

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

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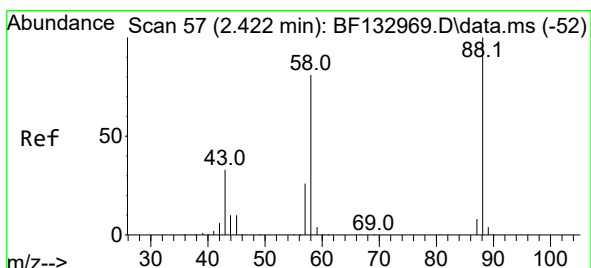
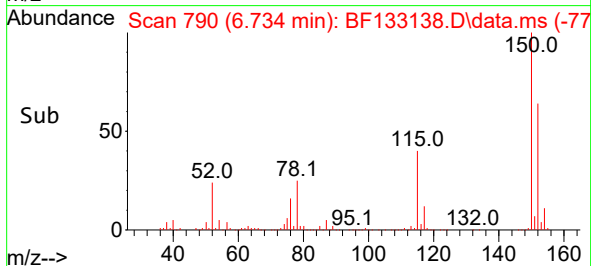
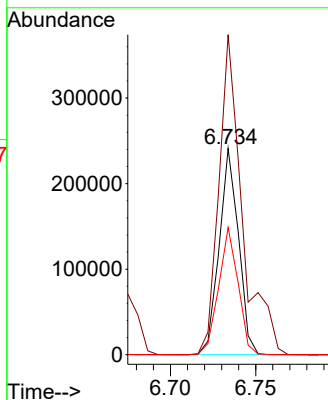
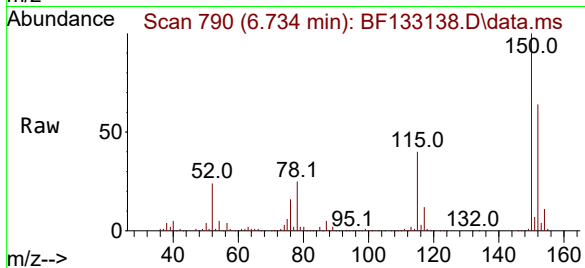




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF133138.D
 Acq: 29 Apr 2023 00:01

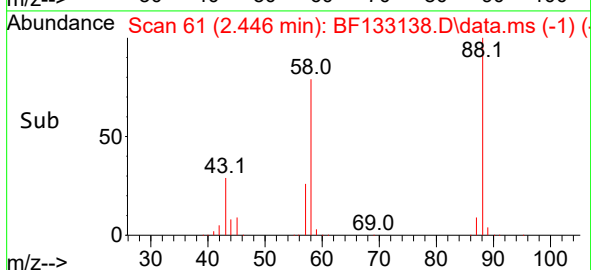
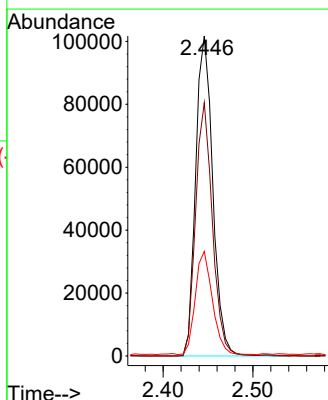
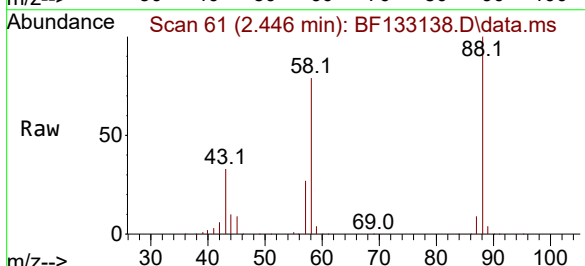
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 MW-4MS

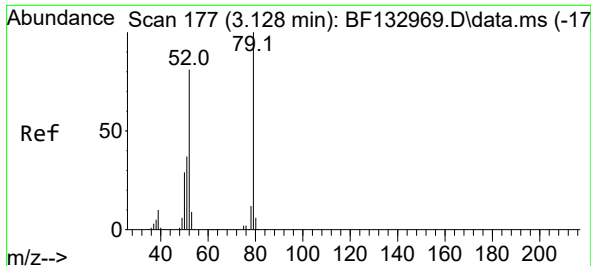
Tgt Ion:152 Resp: 190366
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.8 187.2
 115 61.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 23.015 ng
 RT: 2.446 min Scan# 61
 Delta R.T. 0.065 min
 Lab File: BF133138.D
 Acq: 29 Apr 2023 00:01

Tgt Ion: 88 Resp: 134529
 Ion Ratio Lower Upper
 88 100
 58 77.8 64.7 97.1
 43 32.4 26.2 39.2

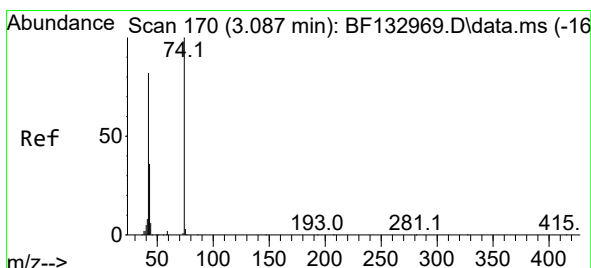
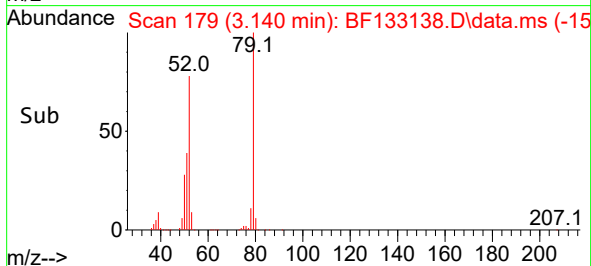
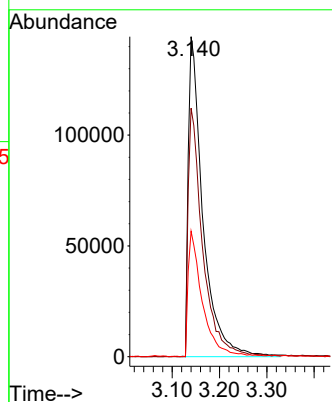
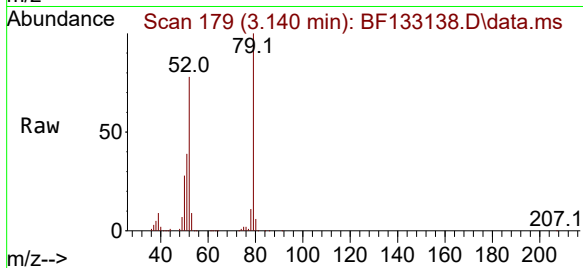




#3
Pyridine
Concen: 19.894 ng
RT: 3.140 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

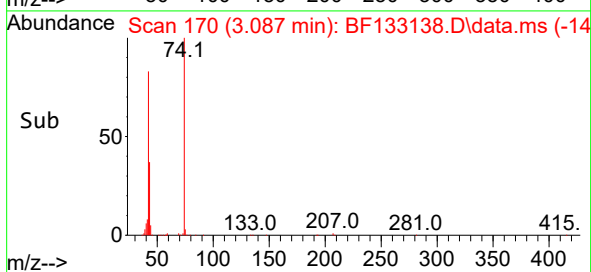
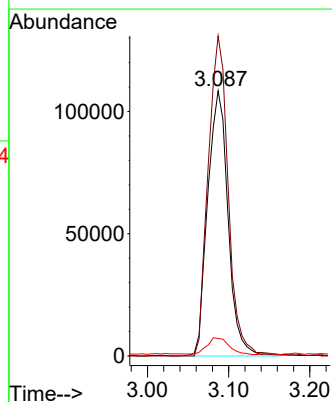
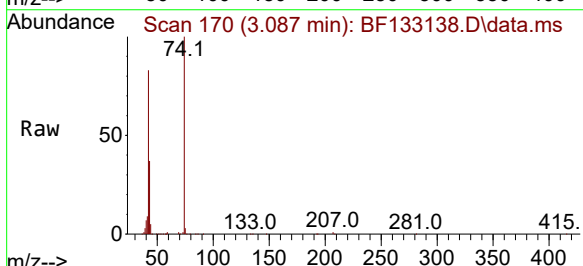
Instrument :
BNA_F
ClientSampleId :
MW-4MS

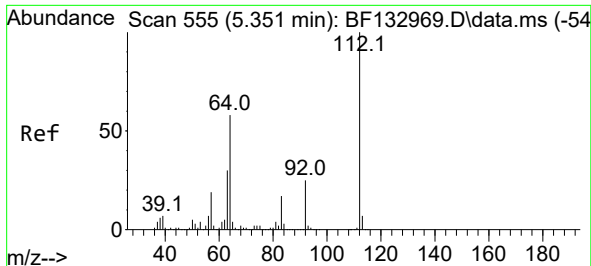
Tgt Ion: 79 Resp: 308858
Ion Ratio Lower Upper
79 100
52 77.7 64.6 96.8
51 39.2 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 23.517 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.047 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion: 42 Resp: 189110
Ion Ratio Lower Upper
42 100
74 120.7 98.0 147.0
44 6.6 5.8 8.8

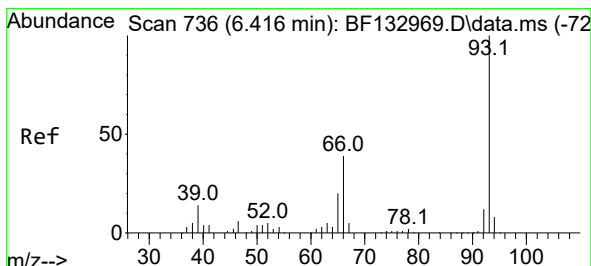
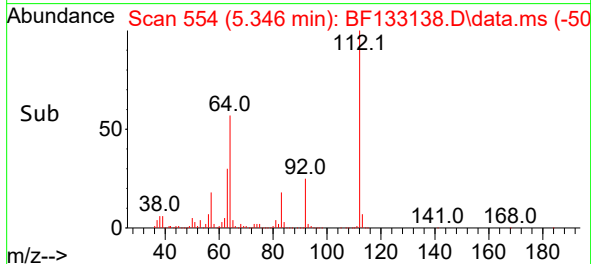
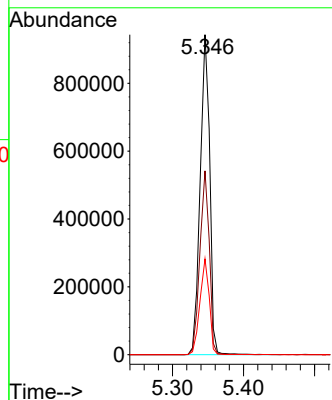
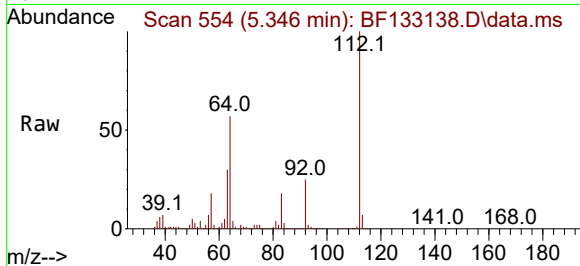




#5
2-Fluorophenol
Concen: 70.029 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

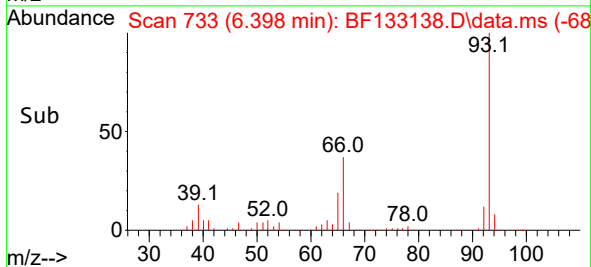
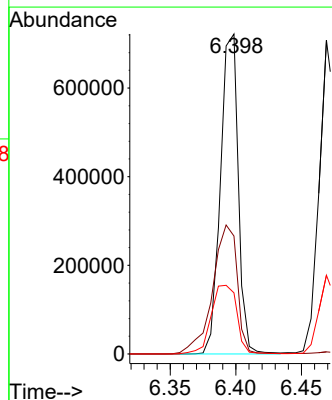
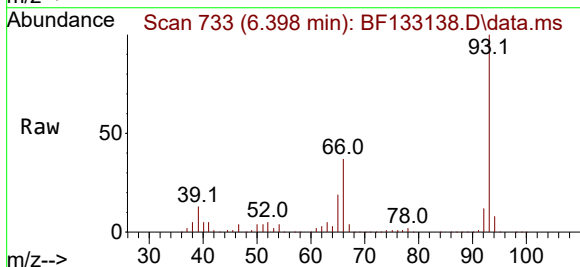
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ClientSampleId :
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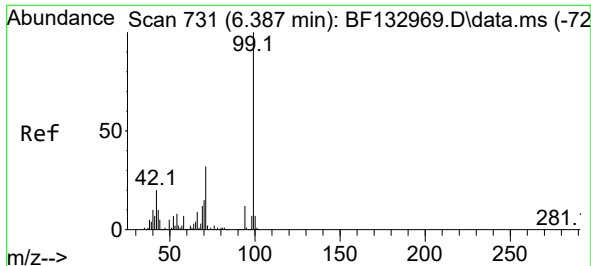
Tgt Ion:112 Resp: 882505
Ion Ratio Lower Upper
112 100
64 57.4 46.8 70.2
63 30.0 23.8 35.8



#6
Aniline
Concen: 33.901 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion: 93 Resp: 682962
Ion Ratio Lower Upper
93 100
66 36.9 31.5 47.3
65 19.1 16.4 24.6

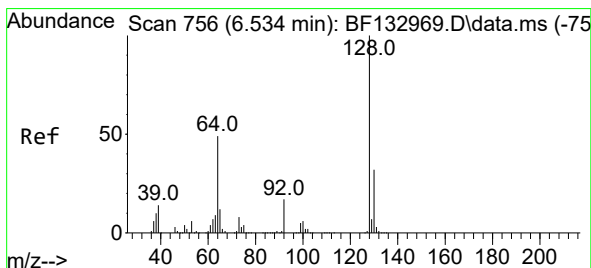
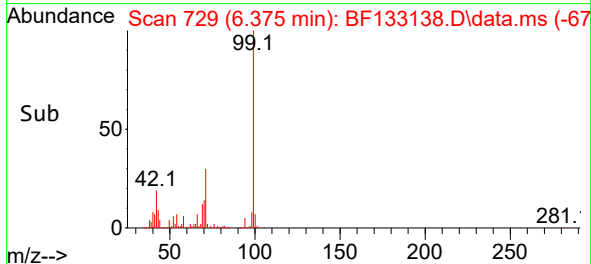
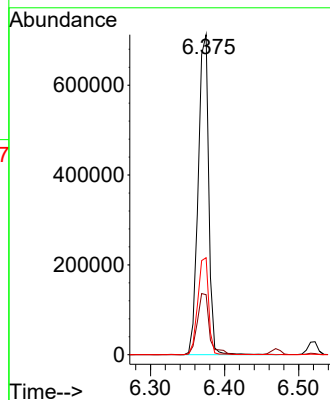
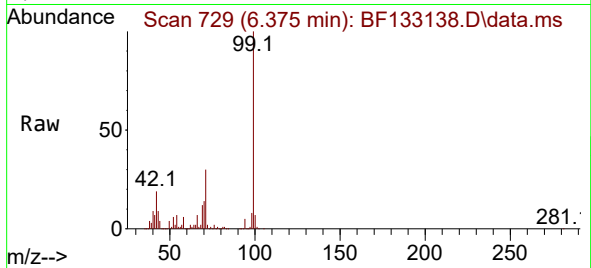




#7
Phenol-d6
Concen: 44.654 ng
RT: 6.375 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

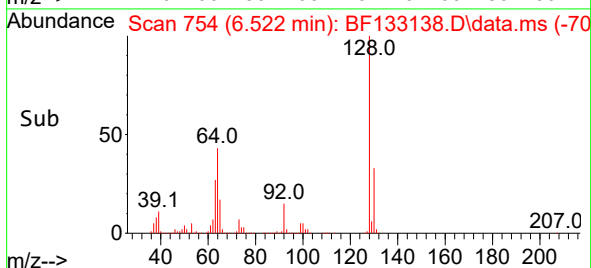
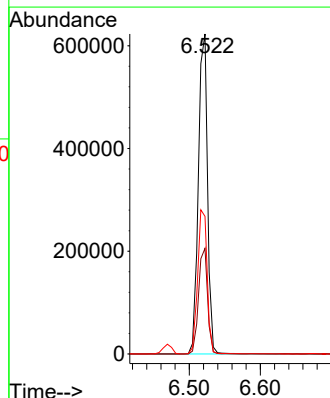
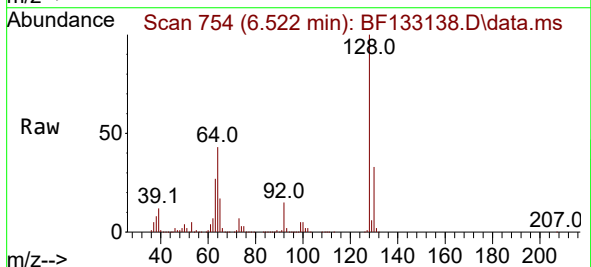
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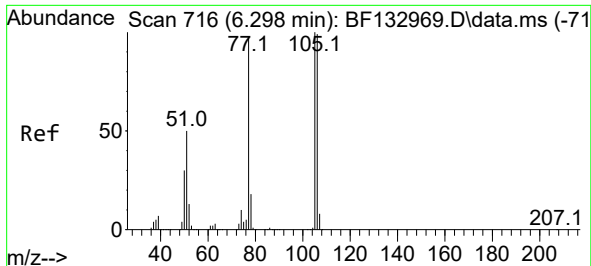
Tgt Ion: 99 Resp: 698466
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 30.3 25.6 38.4



#8
2-Chlorophenol
Concen: 43.852 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion: 128 Resp: 561084
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 43.0 30.3 70.3

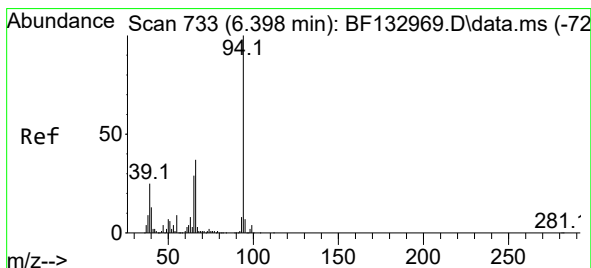
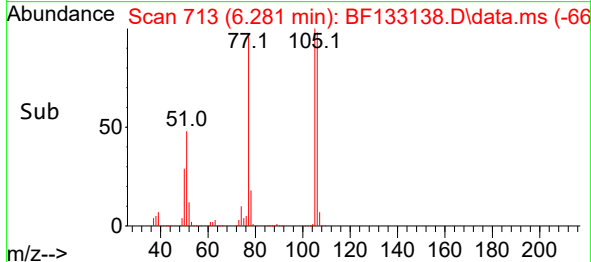
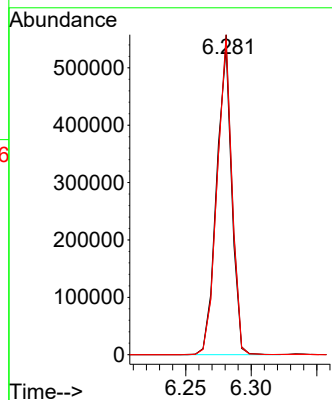
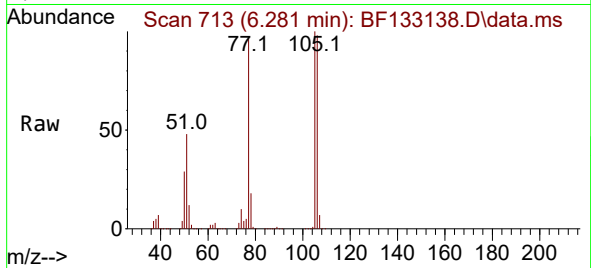




#9
Benzaldehyde
Concen: Below Cal
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

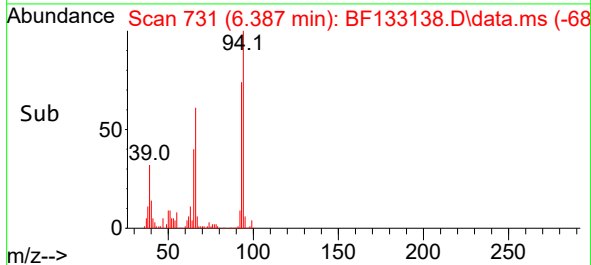
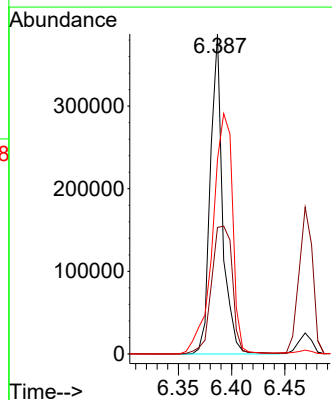
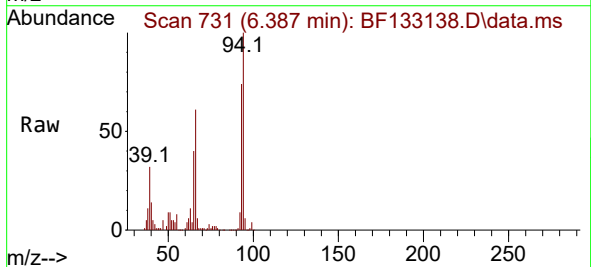
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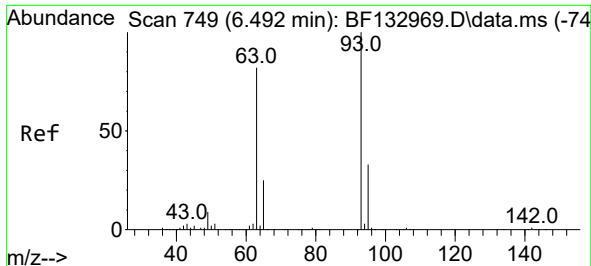
Tgt Ion: 77 Resp: 431735
Ion Ratio Lower Upper
77 100
105 104.6 82.3 122.3
106 103.0 80.8 120.8



#10
Phenol
Concen: 18.061 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion: 94 Resp: 311661
Ion Ratio Lower Upper
94 100
65 39.5 8.6 48.6
66 60.8 17.3 57.3#

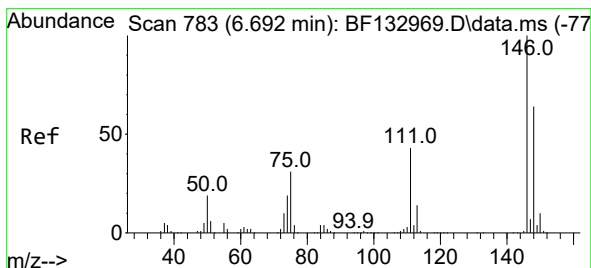
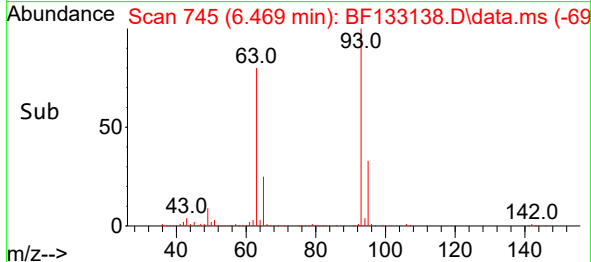
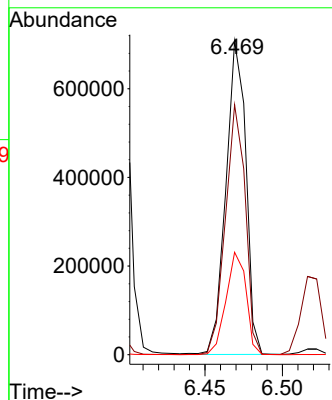
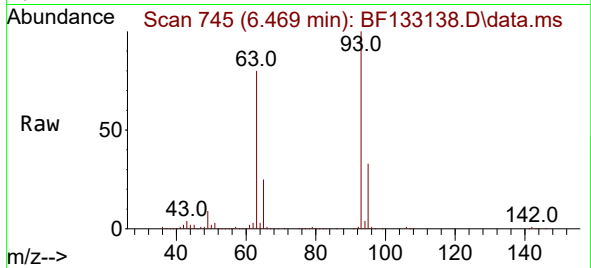




#11
bis(2-Chloroethyl)ether
Concen: 49.139 ng
RT: 6.469 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

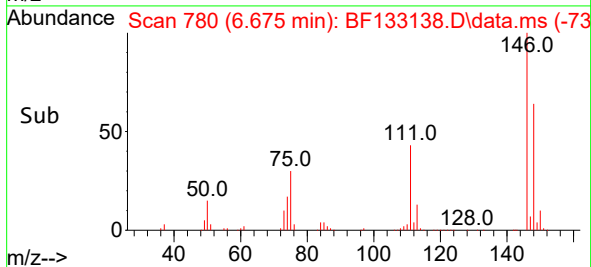
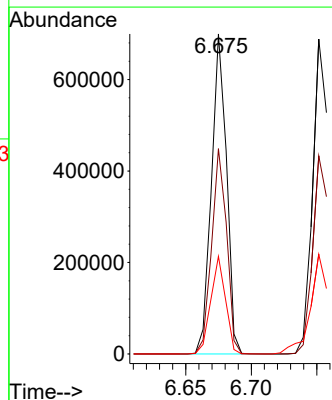
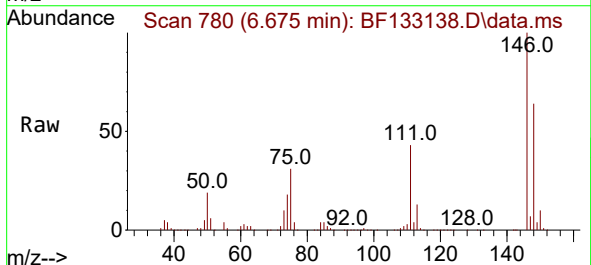
Instrument :
BNA_F
ClientSampleId :
MW-4MS

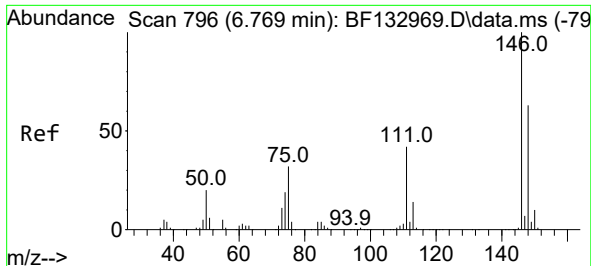
Tgt Ion: 93 Resp: 636292
Ion Ratio Lower Upper
93 100
63 79.7 60.6 100.6
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.147 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion: 146 Resp: 559749
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 30.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 41.346 ng

RT: 6.751 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

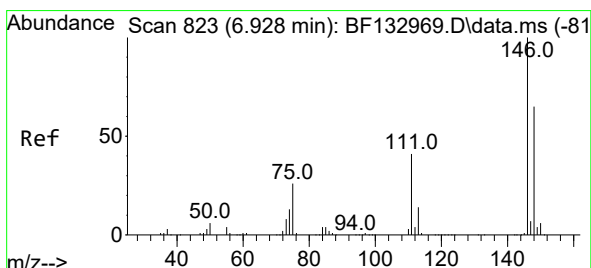
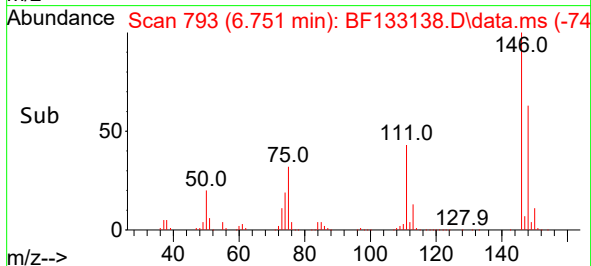
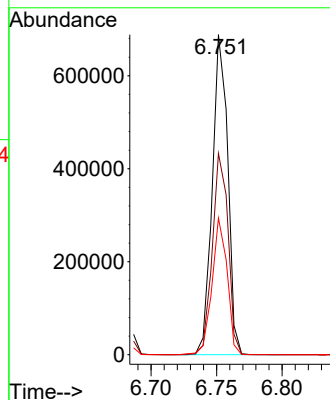
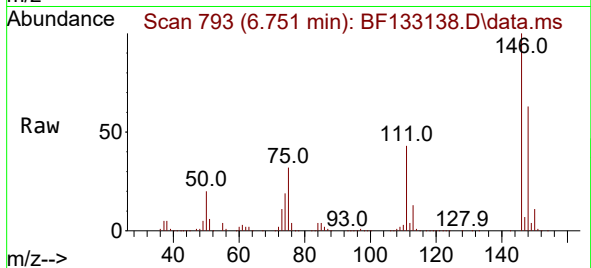
Tgt Ion:146 Resp: 563693

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

111 42.7 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 44.706 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

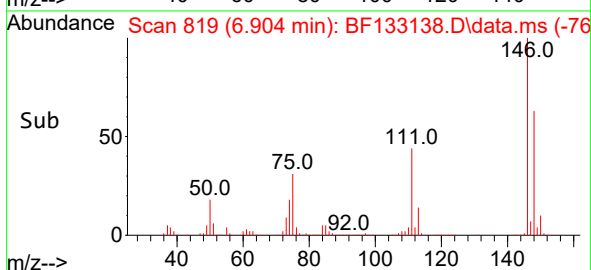
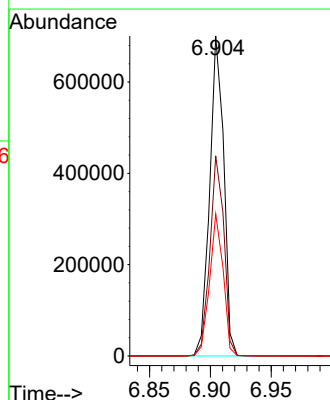
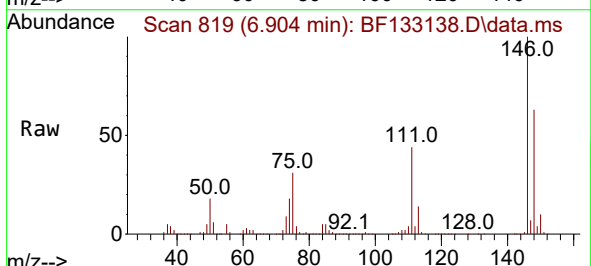
Tgt Ion:146 Resp: 561929

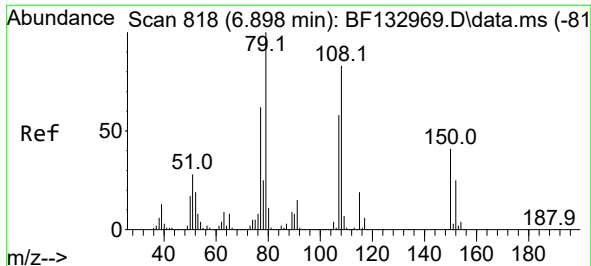
Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

111 44.4 32.8 49.2

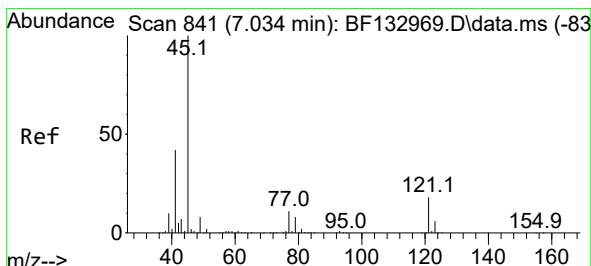
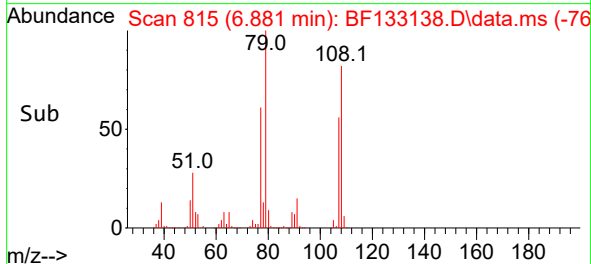
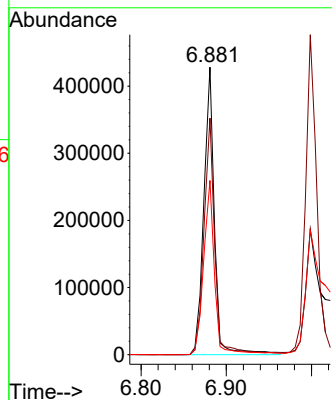
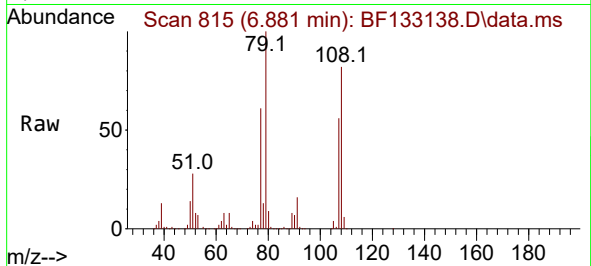




#15
Benzyl Alcohol
Concen: 34.382 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

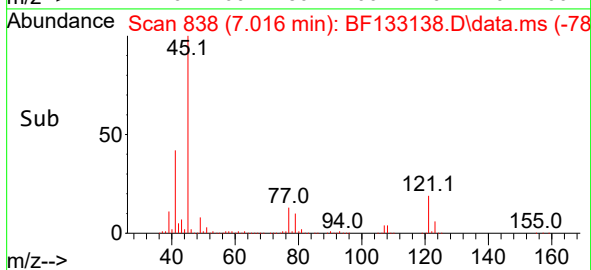
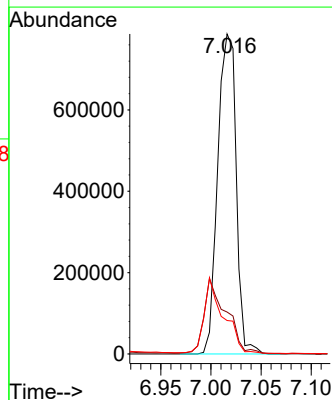
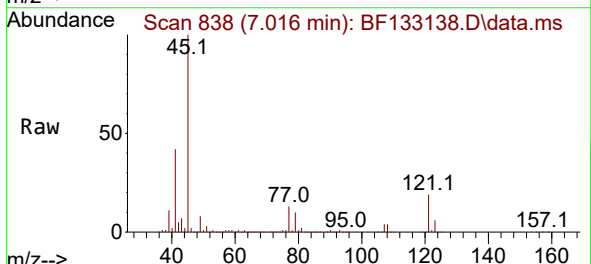
Instrument :
BNA_F
ClientSampleId :
MW-4MS

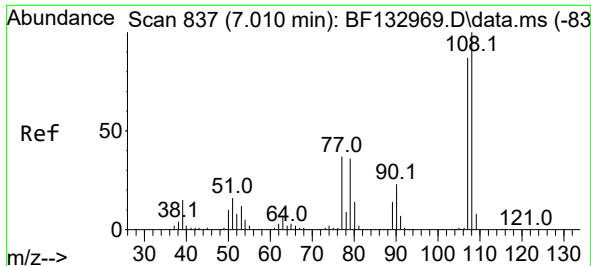
Tgt Ion: 79 Resp: 371485
Ion Ratio Lower Upper
79 100
108 82.3 66.6 99.8
77 60.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.723 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion: 45 Resp: 1005838
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 10.5 0.0 28.7

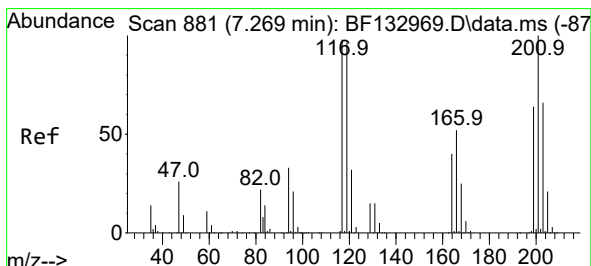
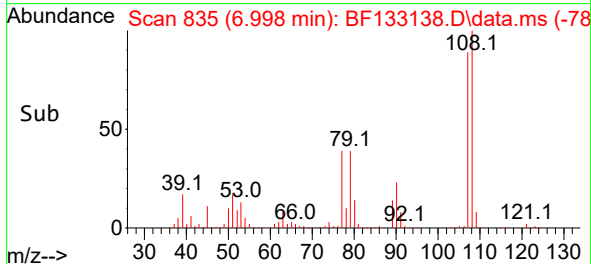
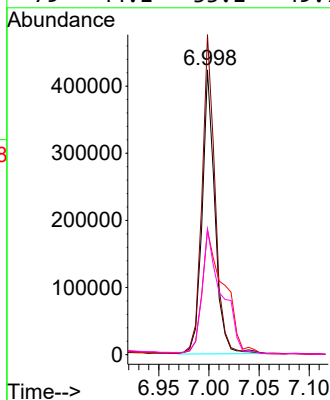
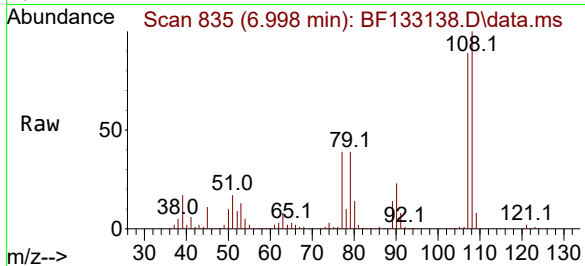




#17
2-Methylphenol
Concen: 32.172 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

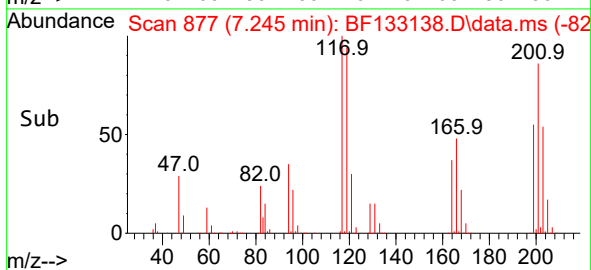
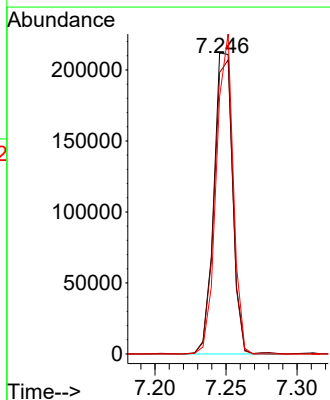
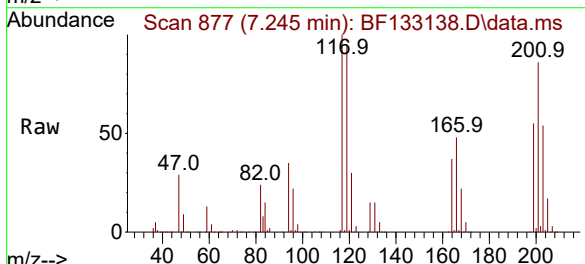
Instrument :
BNA_F
ClientSampleId :
MW-4MS

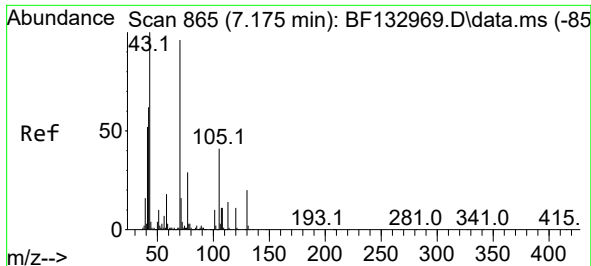
Tgt Ion:107 Resp: 376934
Ion Ratio Lower Upper
107 100
108 112.4 92.4 138.6
77 43.7 33.8 50.8
79 44.1 33.1 49.7



#18
Hexachloroethane
Concen: 41.065 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:117 Resp: 194646
Ion Ratio Lower Upper
117 100
119 93.5 78.2 117.4
201 85.7 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.517 ng

RT: 7.157 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

Tgt Ion: 70 Resp: 452971

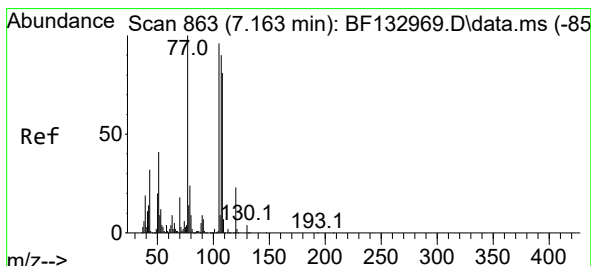
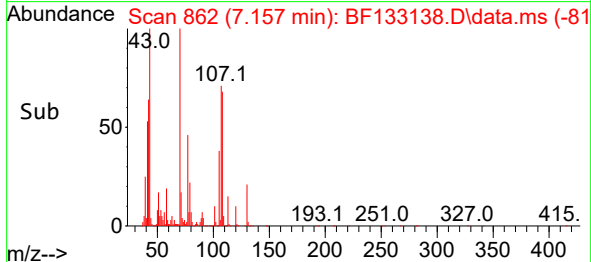
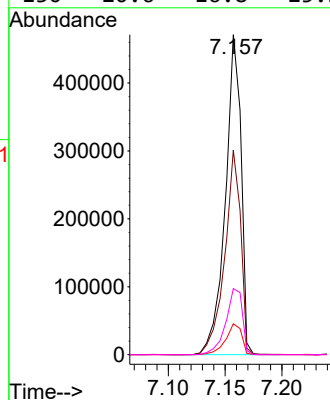
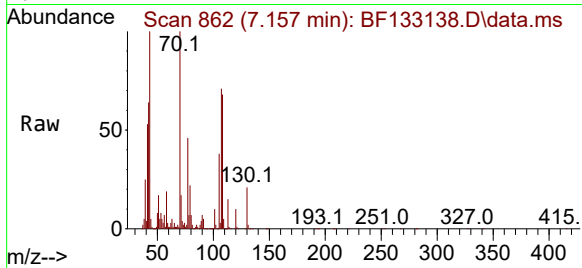
Ion Ratio Lower Upper

70 100

42 63.9 51.8 77.6

101 9.6 8.0 12.0

130 20.6 16.8 25.2



#20

3+4-Methylphenols

Concen: 31.087 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Tgt Ion:107 Resp: 428931

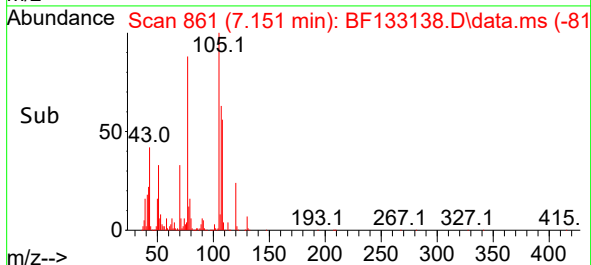
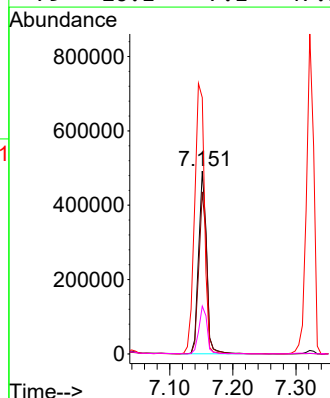
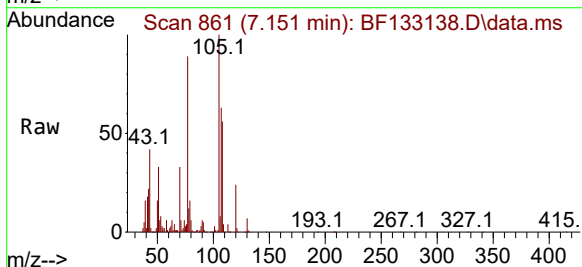
Ion Ratio Lower Upper

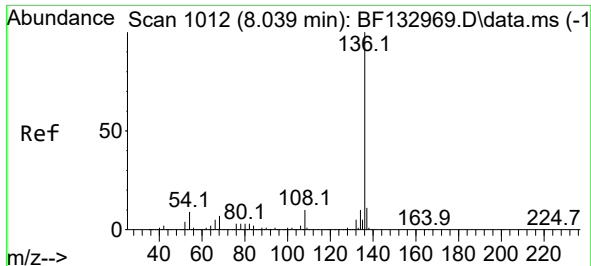
107 100

108 88.6 70.5 110.5

77 140.1 91.7 131.7#

79 26.1 7.1 47.1

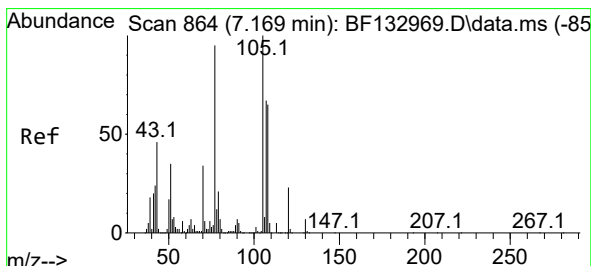
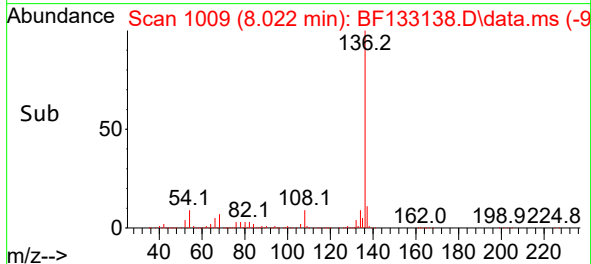
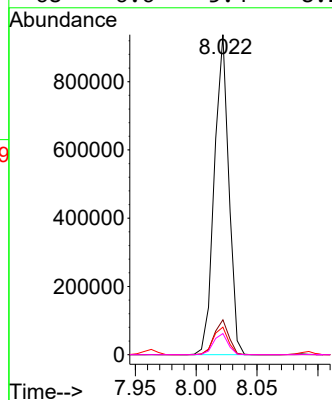
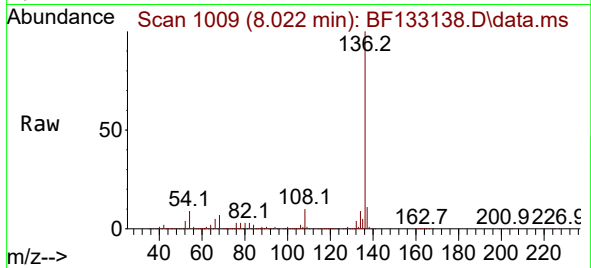




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

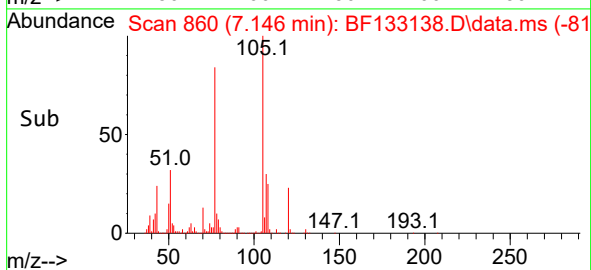
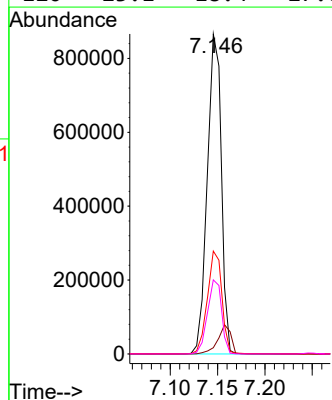
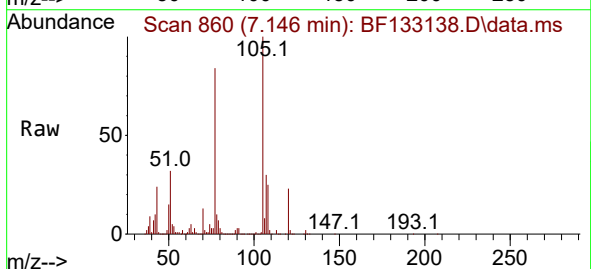
Instrument :
BNA_F
ClientSampleId :
MW-4MS

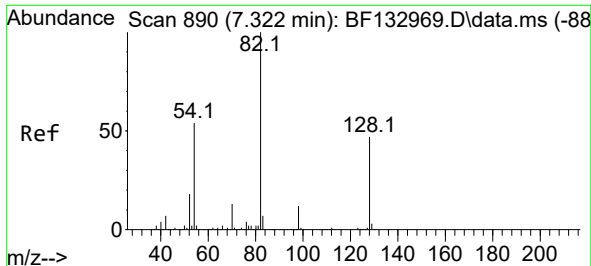
Tgt Ion:136 Resp: 772909
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.0 10.4
68 6.6 5.4 8.2



#22
Acetophenone
Concen: 49.675 ng
RT: 7.146 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:105 Resp: 889390
Ion Ratio Lower Upper
105 100
71 1.9 4.6 7.0#
51 32.1 28.2 42.2
120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 91.421 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

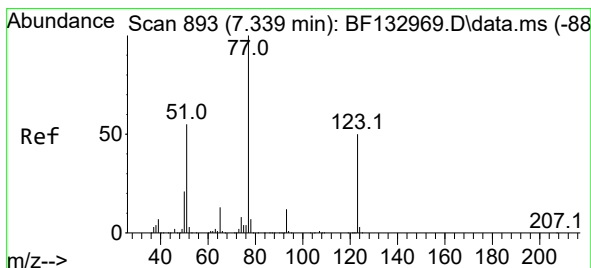
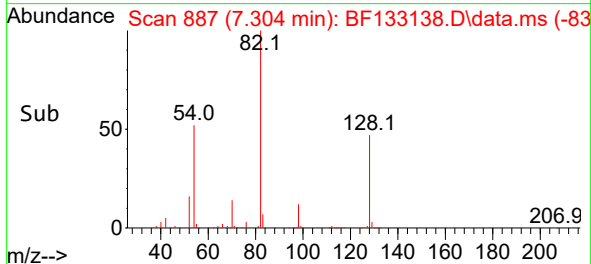
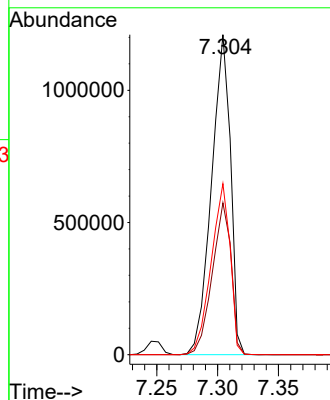
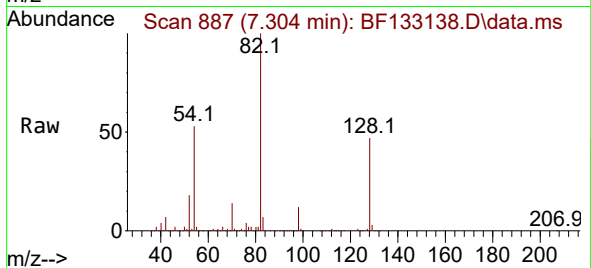
Tgt Ion: 82 Resp: 1309082

Ion Ratio Lower Upper

82 100

128 47.4 37.7 56.5

54 53.5 43.0 64.4



#24

Nitrobenzene

Concen: 47.157 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

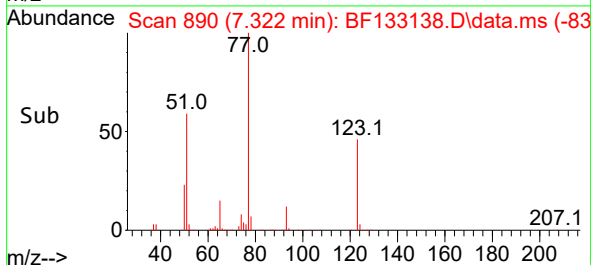
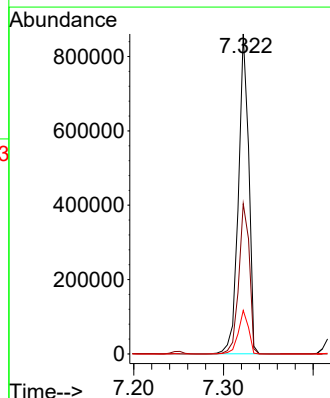
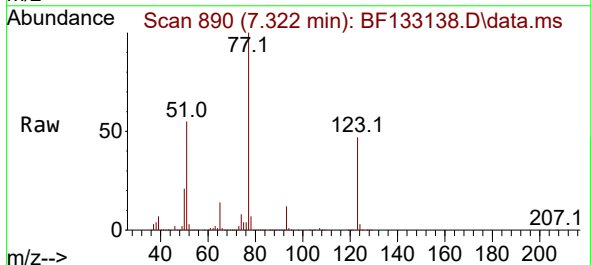
Tgt Ion: 77 Resp: 684252

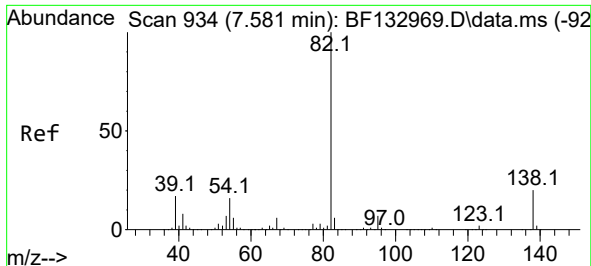
Ion Ratio Lower Upper

77 100

123 47.0 39.9 59.9

65 13.6 10.7 16.1

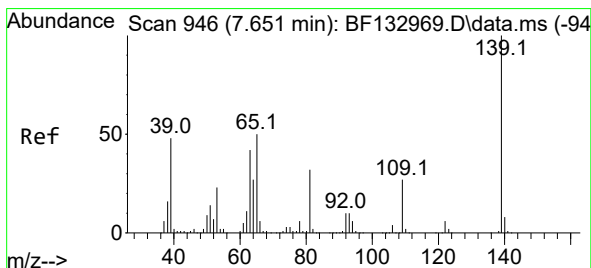
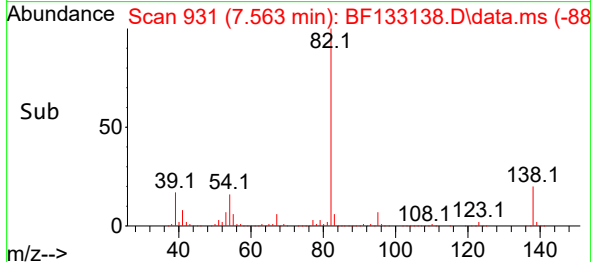
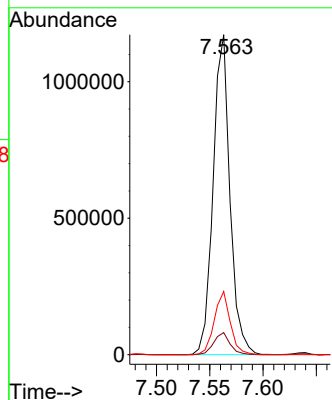
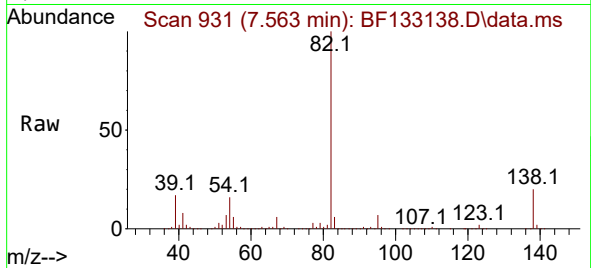




#25
Isophorone
Concen: 47.214 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

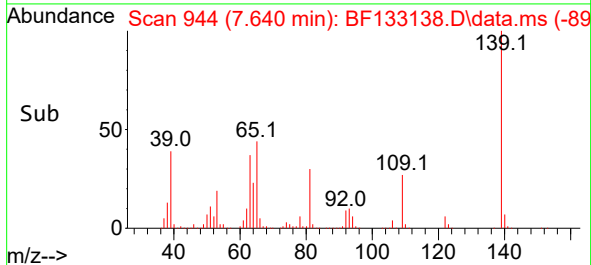
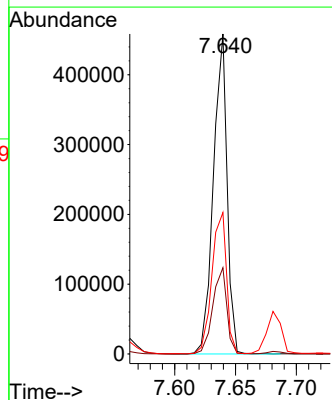
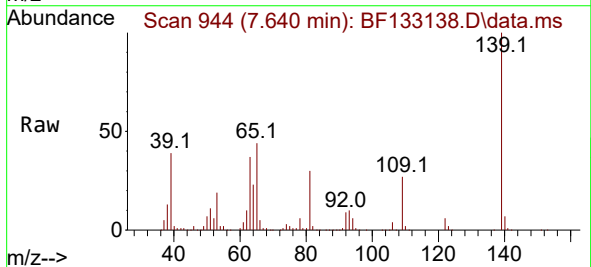
Instrument :
BNA_F
ClientSampleId :
MW-4MS

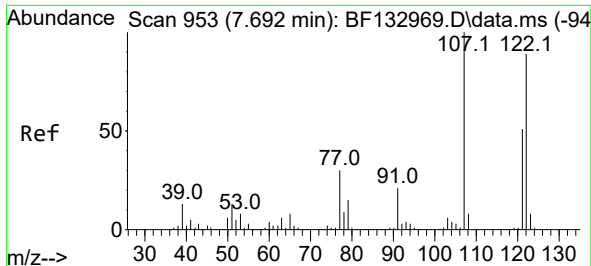
Tgt Ion: 82 Resp: 1283612
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.8 16.0 24.0



#26
2-Nitrophenol
Concen: 50.933 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:139 Resp: 356460
Ion Ratio Lower Upper
139 100
109 26.9 21.6 32.4
65 44.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.508 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

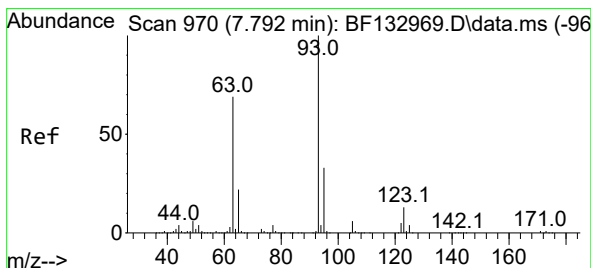
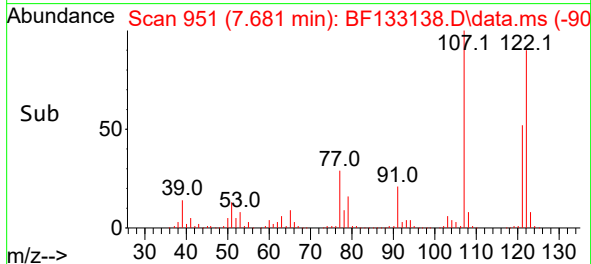
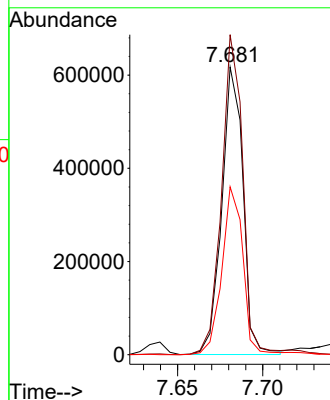
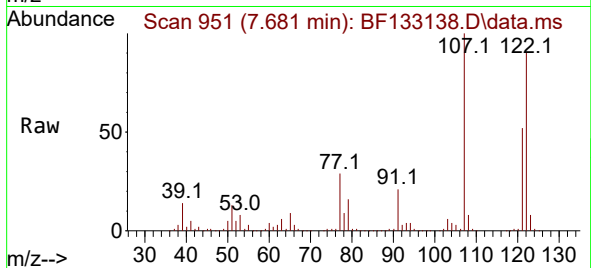
Tgt Ion:122 Resp: 534127

Ion Ratio Lower Upper

122 100

107 111.2 89.7 134.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.102 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

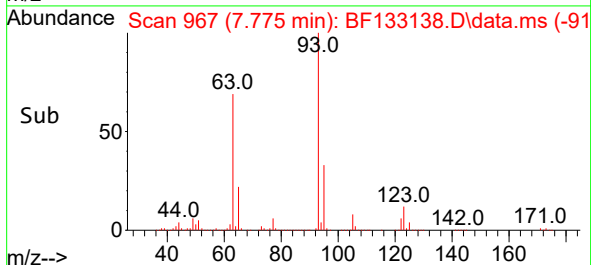
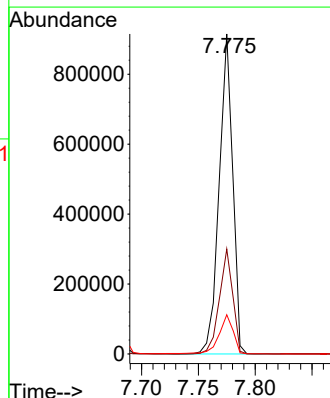
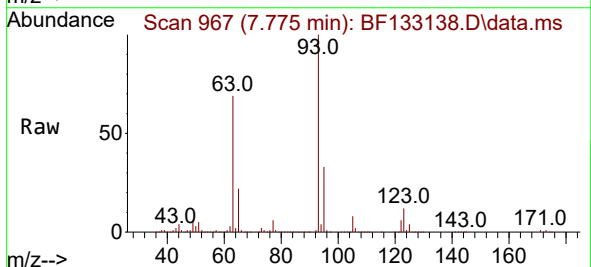
Tgt Ion: 93 Resp: 757567

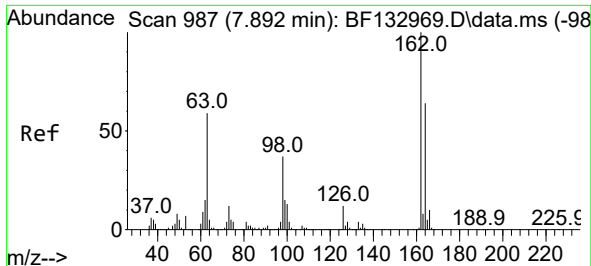
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.3 10.3 15.5

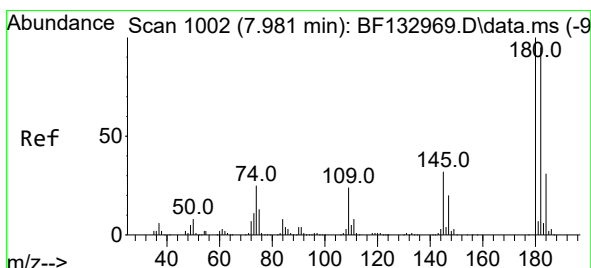
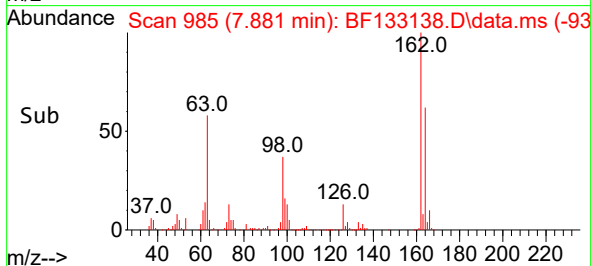
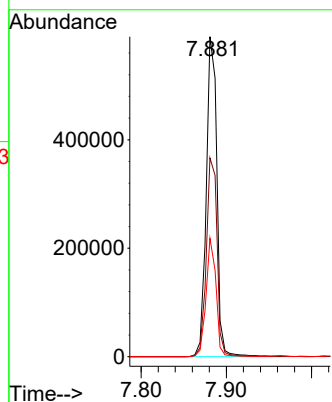
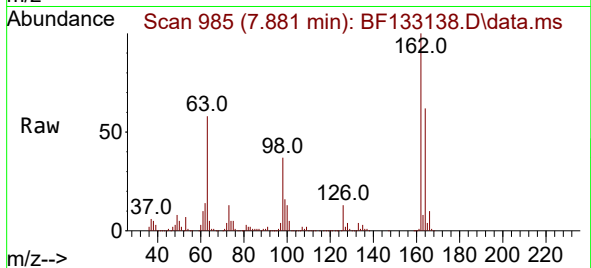




#29
2,4-Dichlorophenol
Concen: 46.558 ng
RT: 7.881 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

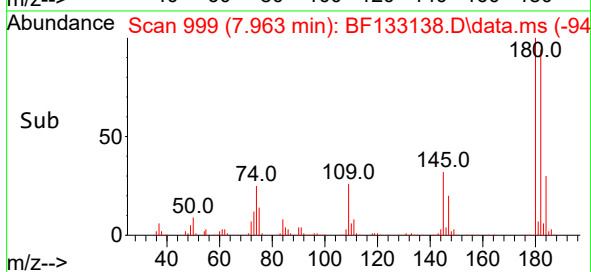
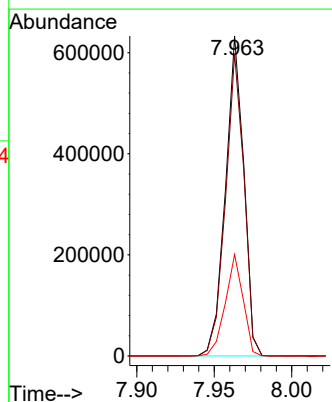
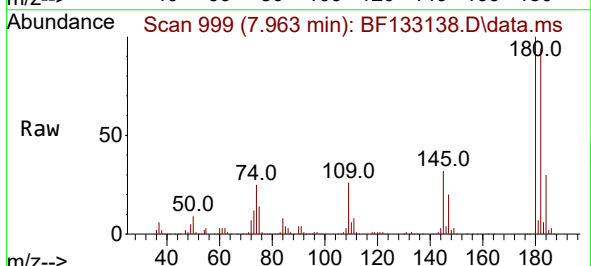
Instrument :
BNA_F
ClientSampleId :
MW-4MS

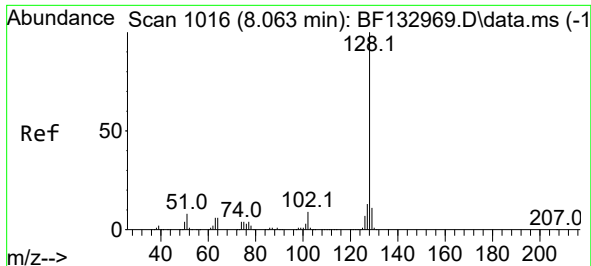
Tgt Ion:162 Resp: 508634
Ion Ratio Lower Upper
162 100
164 62.1 43.9 83.9
98 37.0 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 46.053 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:180 Resp: 521232
Ion Ratio Lower Upper
180 100
182 94.5 75.9 113.9
145 31.7 25.3 37.9

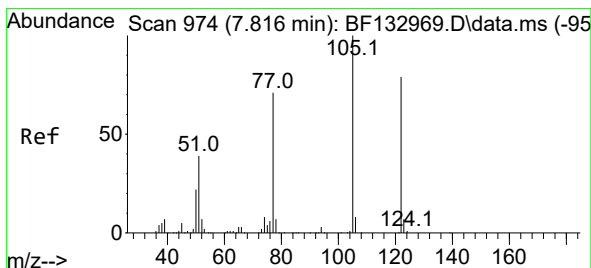
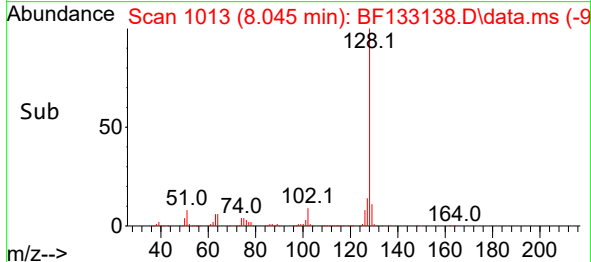
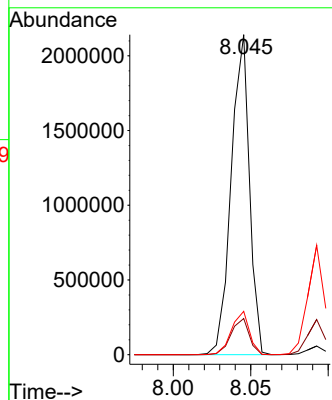
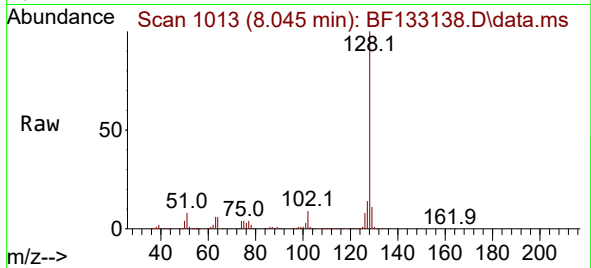




#31
Naphthalene
Concen: 45.364 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

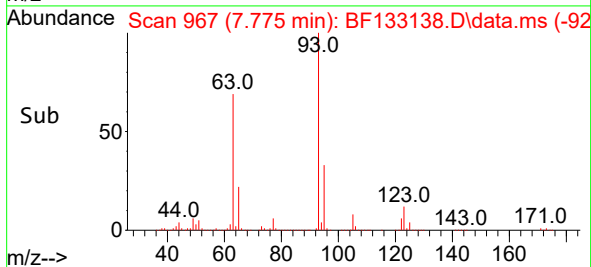
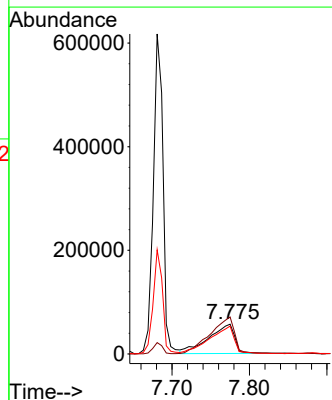
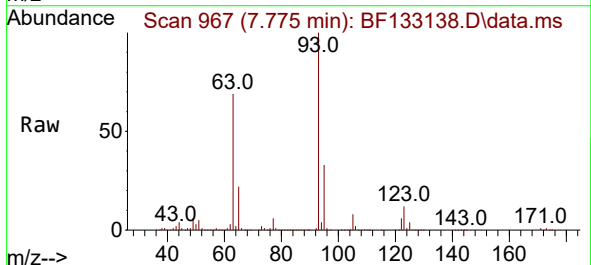
Instrument :
BNA_F
ClientSampleId :
MW-4MS

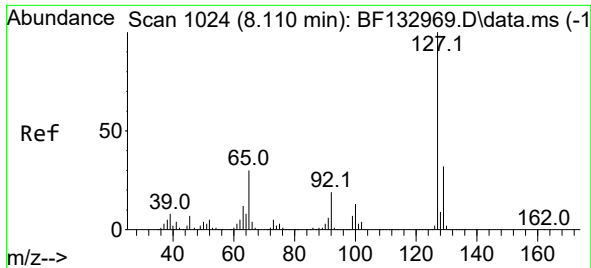
Tgt Ion:128 Resp: 1752991
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 18.034 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.023 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:122 Resp: 133685
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 93.5 69.7 109.7

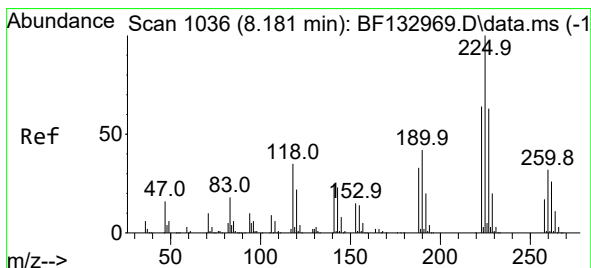
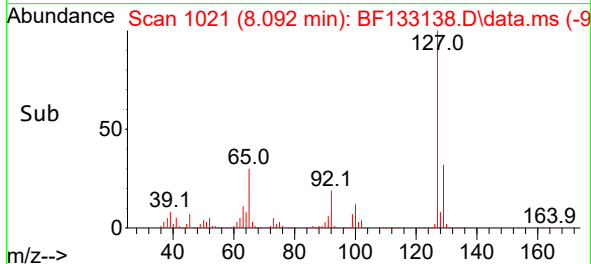
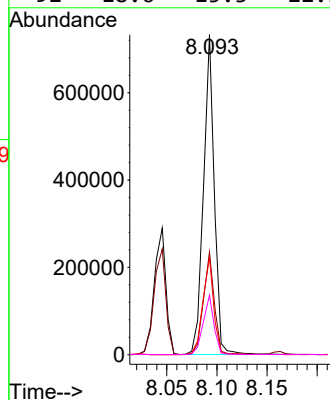
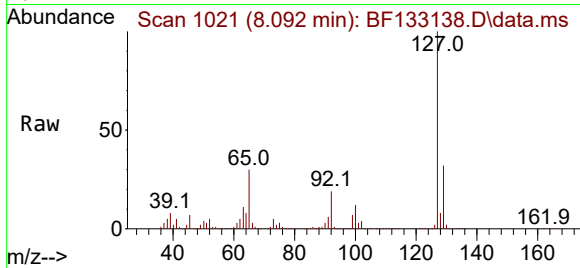




#33
4-Chloroaniline
Concen: 35.419 ng
RT: 8.092 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

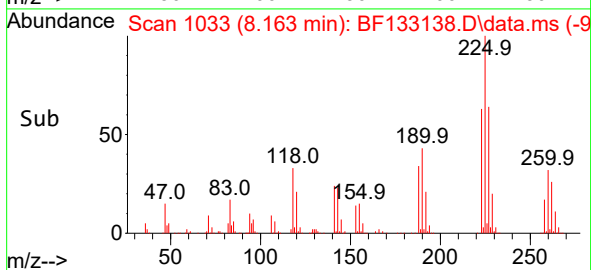
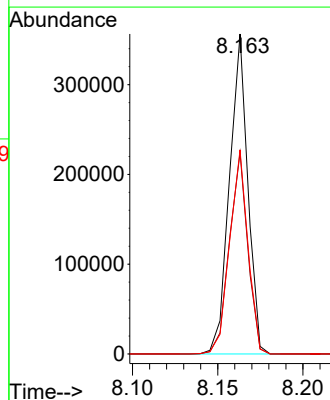
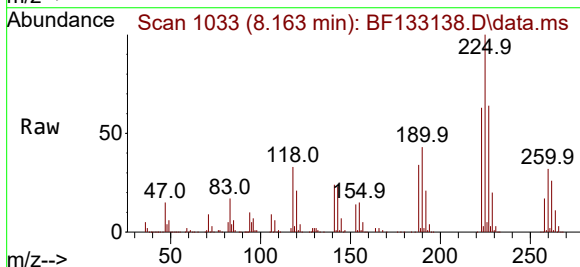
Instrument :
BNA_F
ClientSampleId :
MW-4MS

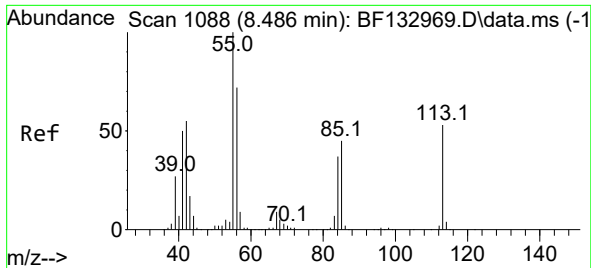
Tgt Ion:	127	Resp:	553014
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	30.4	23.6	35.4
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.503 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:	225	Resp:	266618
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	63.8	50.3	75.5

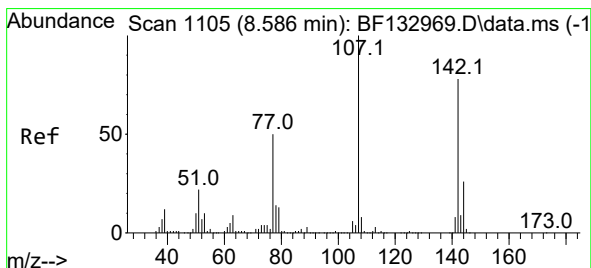
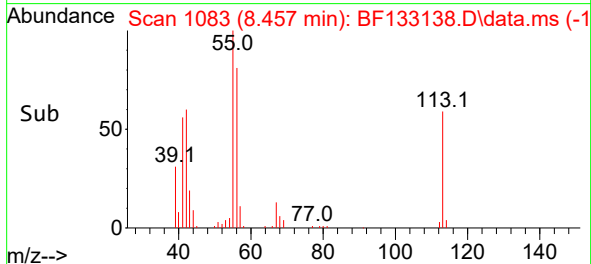
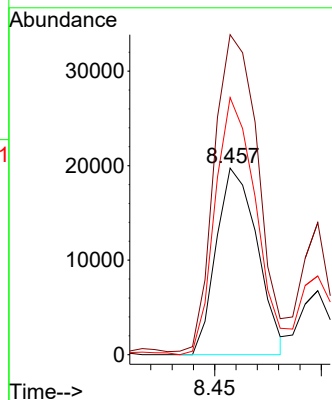
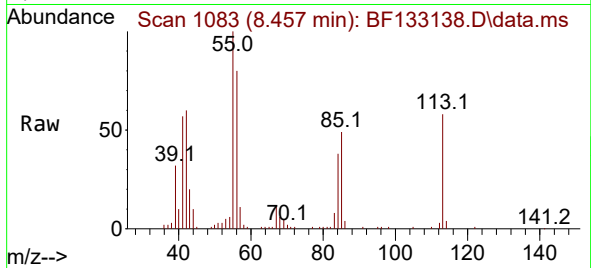




#35
 Caprolactam
 Concen: 7.186 ng
 RT: 8.457 min Scan# 1083
 Delta R.T. -0.006 min
 Lab File: BF133138.D
 Acq: 29 Apr 2023 00:01

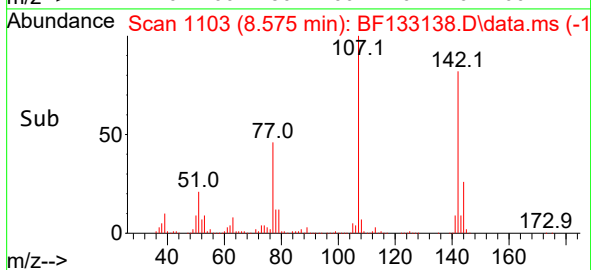
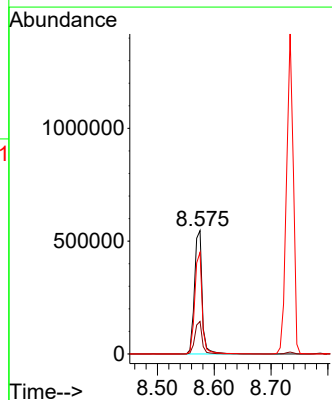
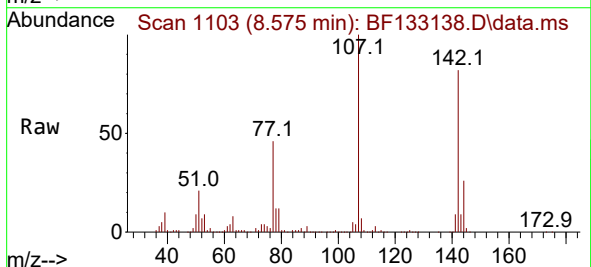
Instrument :
 BNA_F
 ClientSampleId :
 MW-4MS

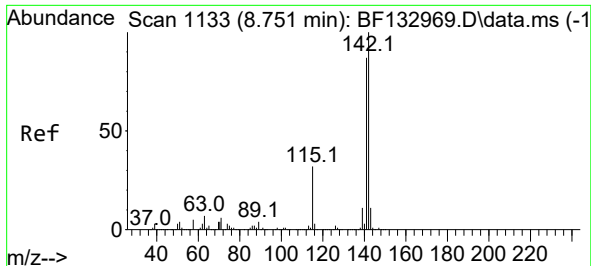
Tgt Ion:113 Resp: 26374
 Ion Ratio Lower Upper
 113 100
 55 171.5 167.1 207.1
 56 137.9 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.652 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133138.D
 Acq: 29 Apr 2023 00:01

Tgt Ion:107 Resp: 514265
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.6 30.8
 142 82.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.009 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

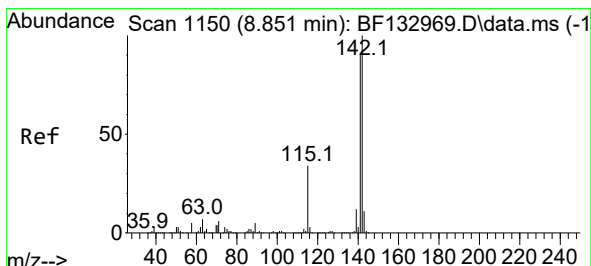
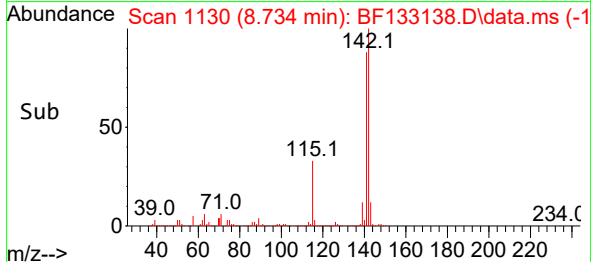
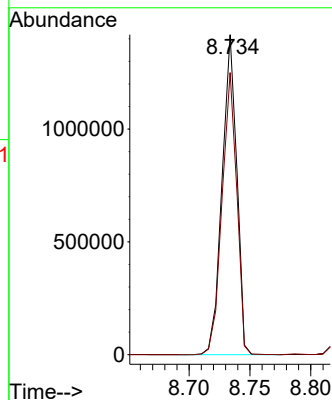
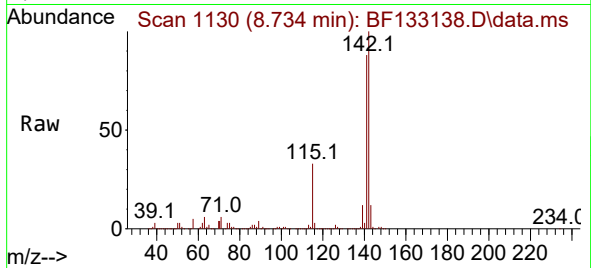
MW-4MS

Tgt Ion:142 Resp: 1189111

Ion Ratio Lower Upper

142 100

141 88.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 45.379 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133138.D

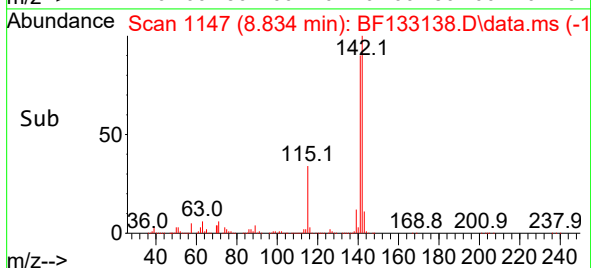
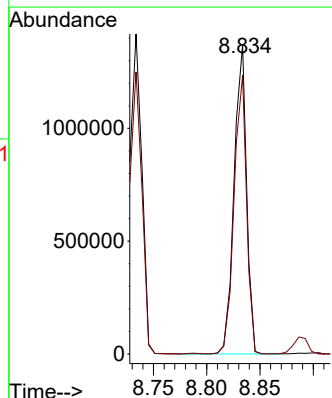
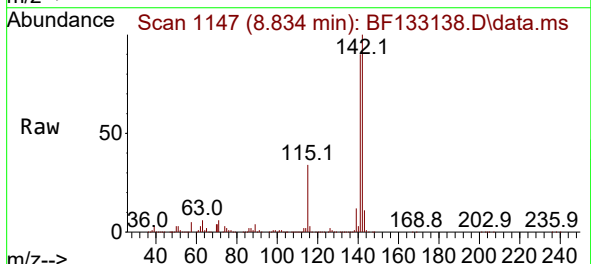
Acq: 29 Apr 2023 00:01

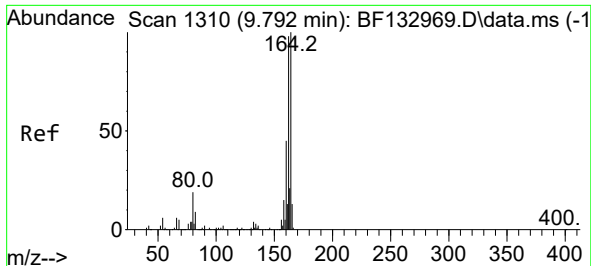
Tgt Ion:142 Resp: 1121543

Ion Ratio Lower Upper

142 100

141 90.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

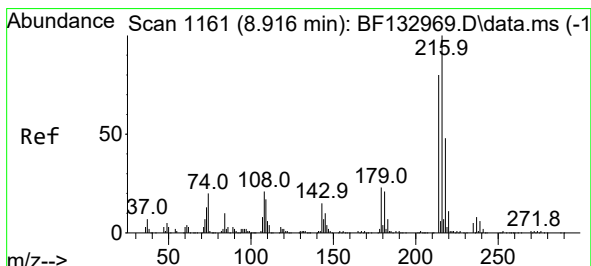
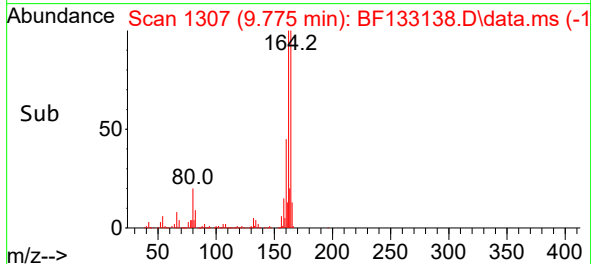
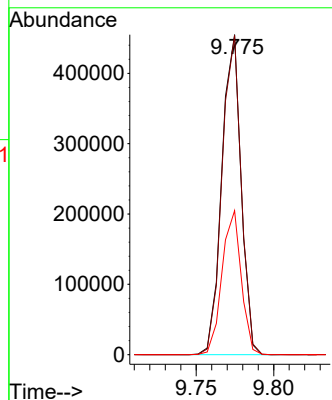
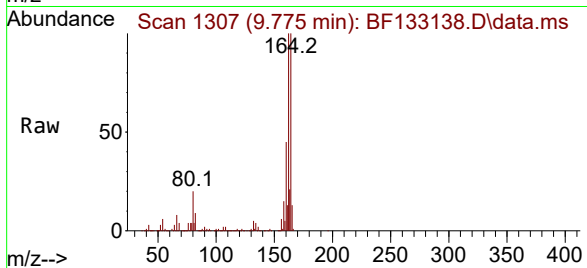
Tgt Ion:164 Resp: 393106

Ion Ratio Lower Upper

164 100

162 99.7 78.7 118.1

160 45.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.149 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Tgt Ion:216 Resp: 477200

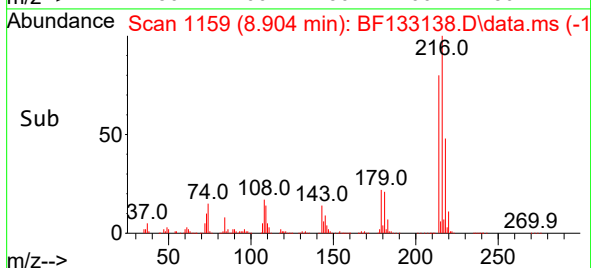
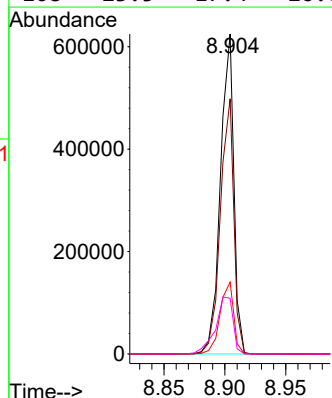
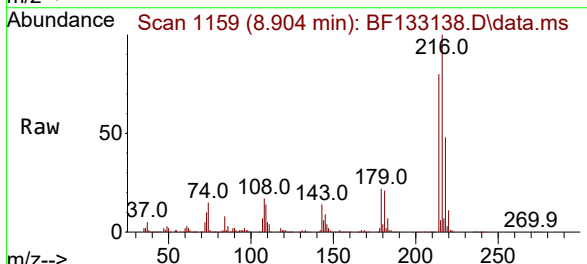
Ion Ratio Lower Upper

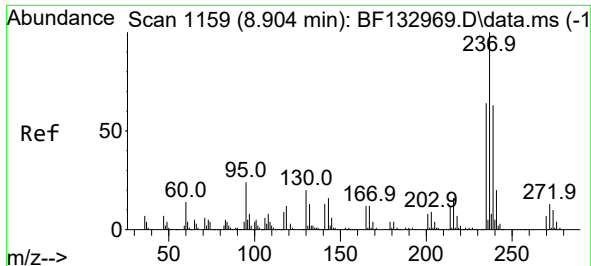
216 100

214 80.2 63.5 95.3

179 22.9 17.4 26.2

108 23.5 17.4 26.0

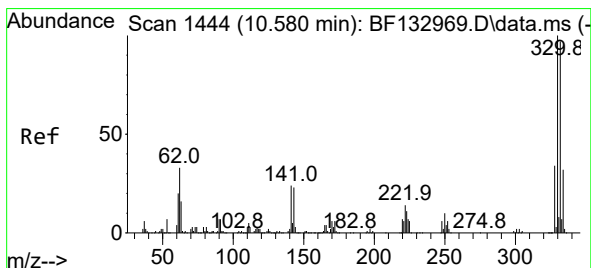
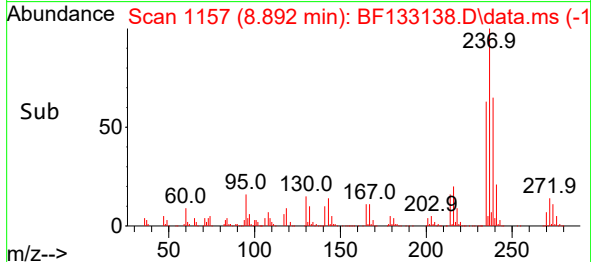
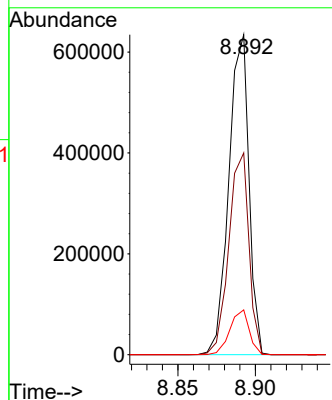
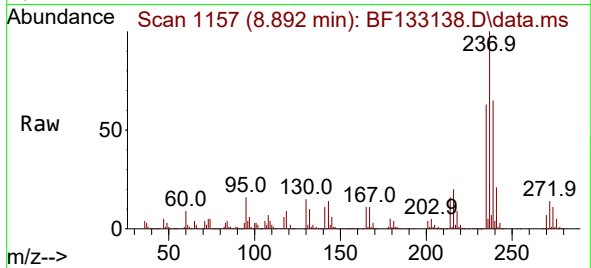




#41
Hexachlorocyclopentadiene
Concen: 92.801 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

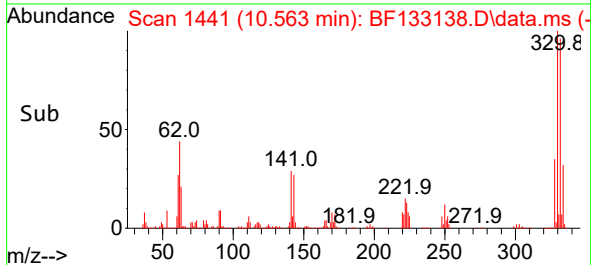
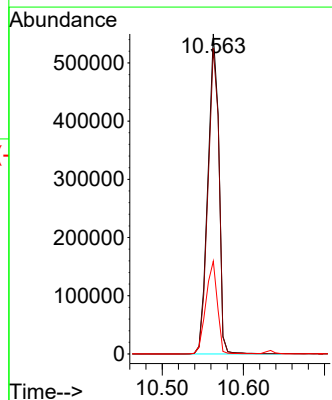
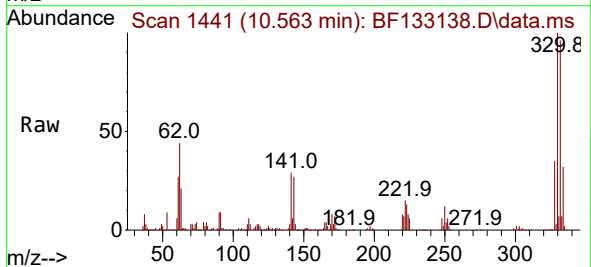
Instrument :
BNA_F
ClientSampleId :
MW-4MS

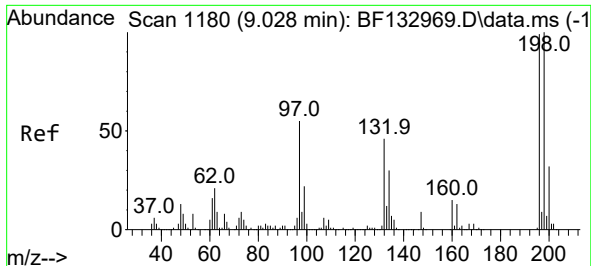
Tgt Ion:237 Resp: 572043
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 14.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 130.370 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:330 Resp: 515410
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.3 25.8 38.8

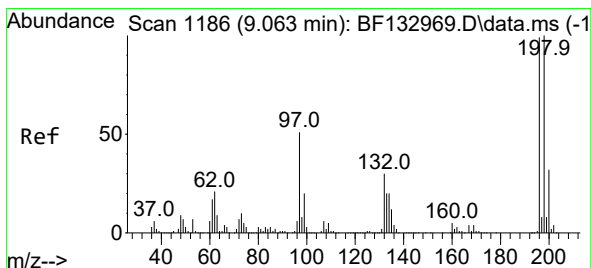
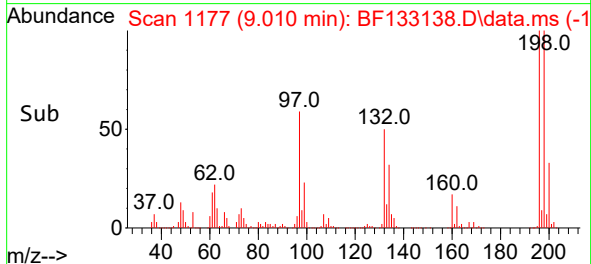
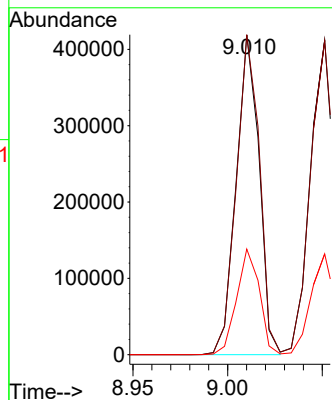
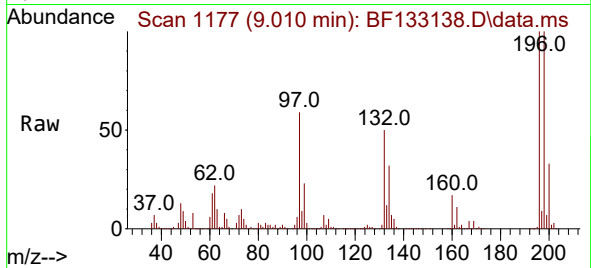




#43
 2,4,6-Trichlorophenol
 Concen: 48.038 ng
 RT: 9.010 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: BF133138.D
 Acq: 29 Apr 2023 00:01

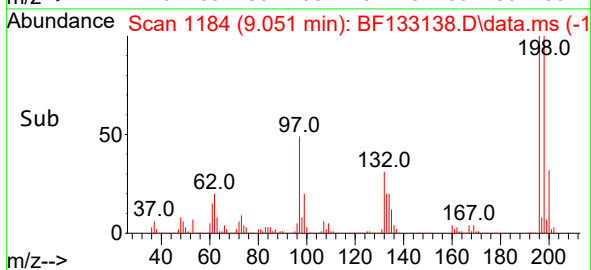
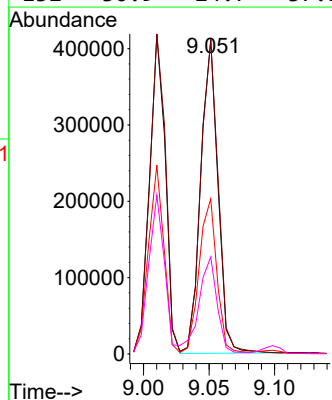
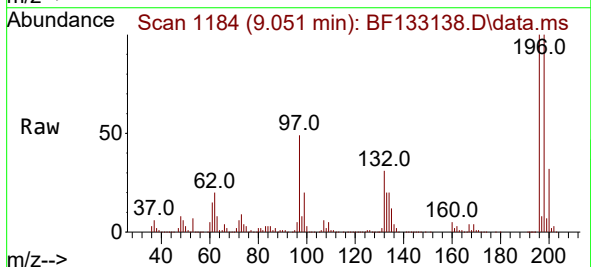
Instrument :
 BNA_F
 ClientSampleId :
 MW-4MS

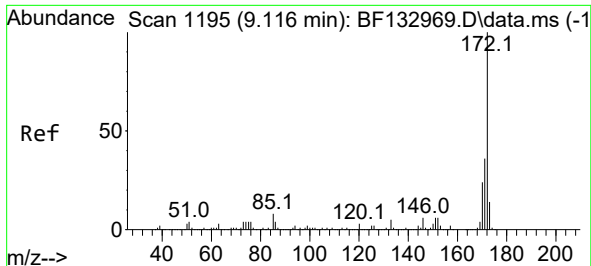
Tgt Ion:196 Resp: 351136
 Ion Ratio Lower Upper
 196 100
 198 100.1 81.0 121.6
 200 33.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.463 ng
 RT: 9.051 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BF133138.D
 Acq: 29 Apr 2023 00:01

Tgt Ion:196 Resp: 375876
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.9 121.3
 97 49.4 41.3 61.9
 132 30.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 88.315 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

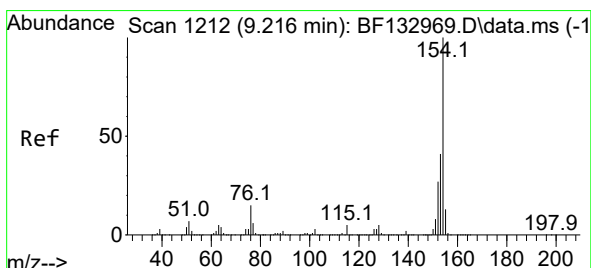
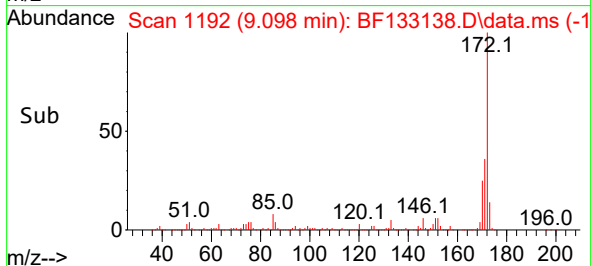
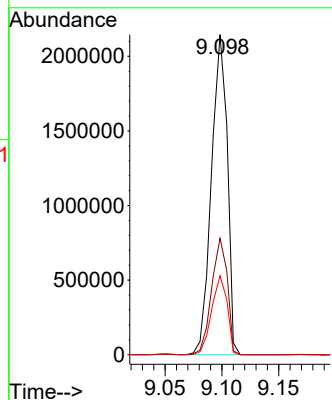
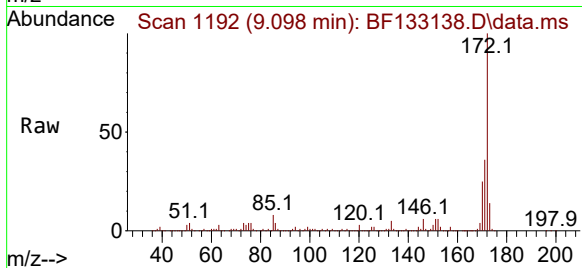
Tgt Ion:172 Resp: 2075150

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 46.639 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

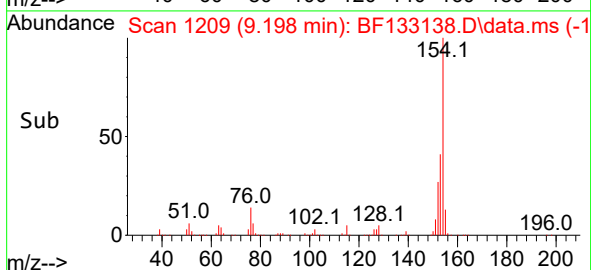
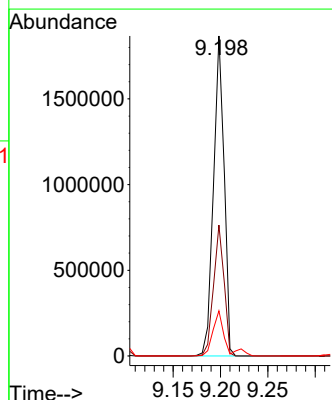
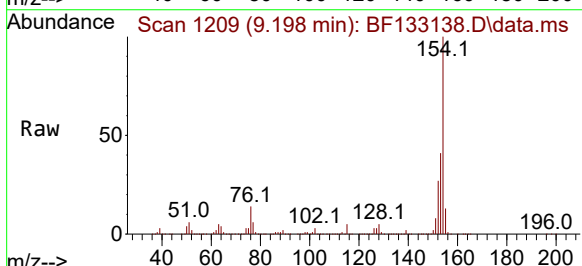
Tgt Ion:154 Resp: 1453802

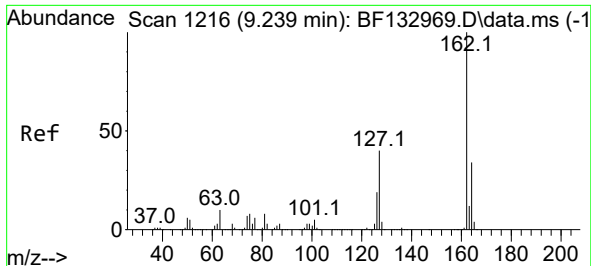
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 14.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 48.340 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

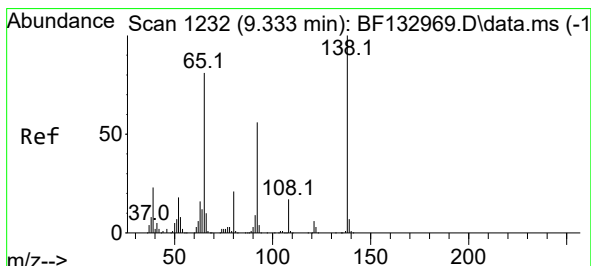
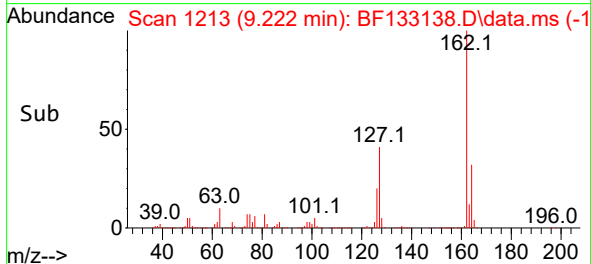
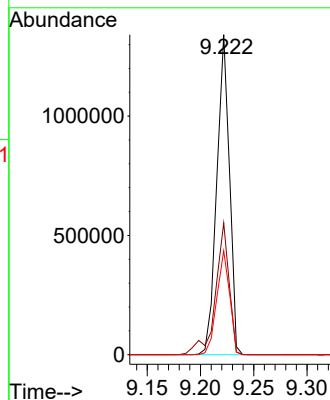
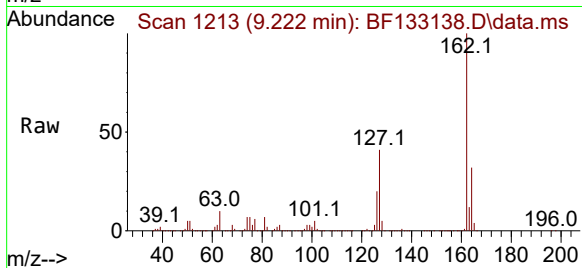
Tgt Ion:162 Resp: 1102901

Ion Ratio Lower Upper

162 100

127 41.1 32.3 48.5

164 32.4 26.8 40.2



#48

2-Nitroaniline

Concen: 50.651 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

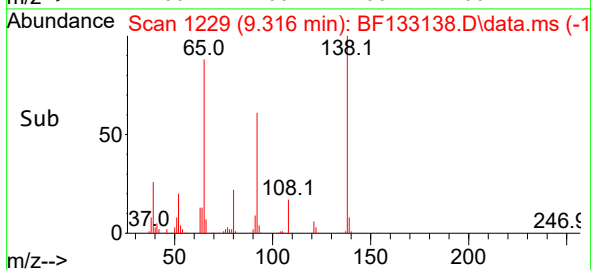
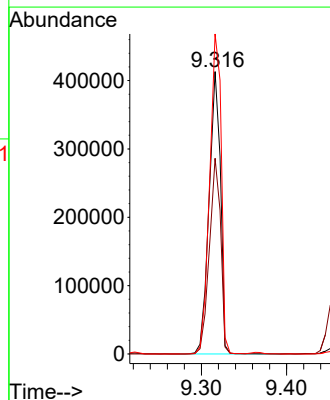
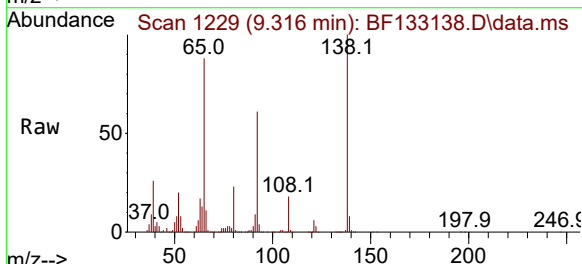
Tgt Ion: 65 Resp: 381932

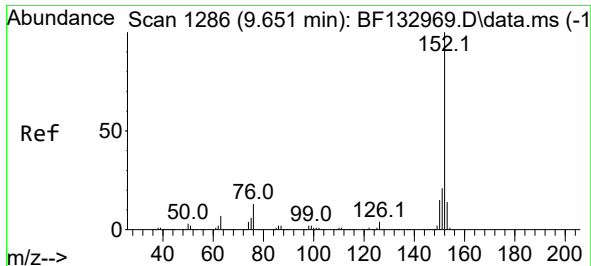
Ion Ratio Lower Upper

65 100

92 69.3 55.4 83.0

138 113.3 98.2 147.2





#49

Acenaphthylene

Concen: 47.531 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

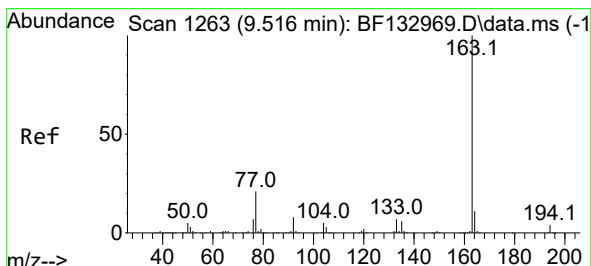
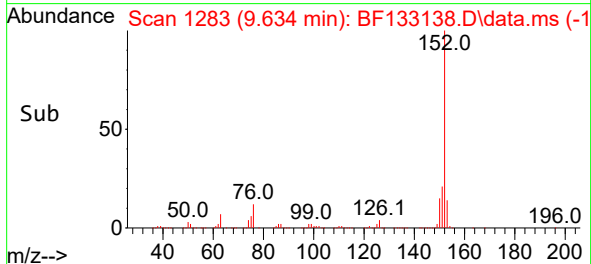
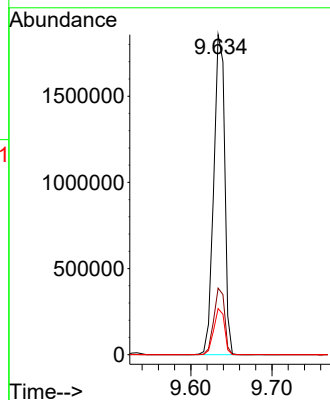
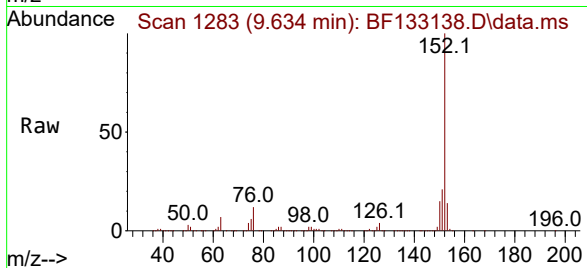
Tgt Ion:152 Resp: 1732781

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

153 14.4 11.5 17.3



#50

Dimethylphthalate

Concen: 47.177 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.006 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

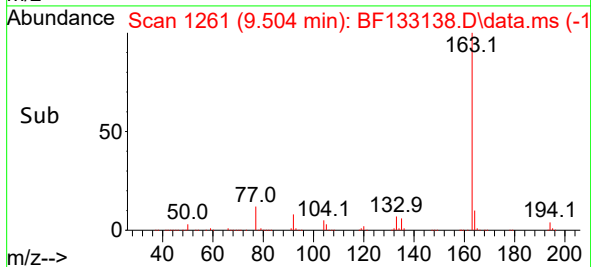
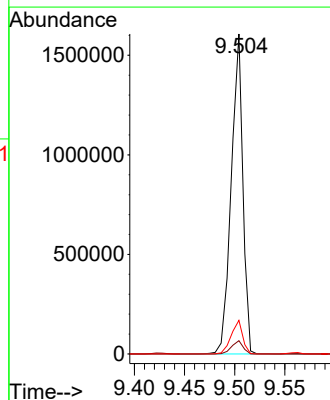
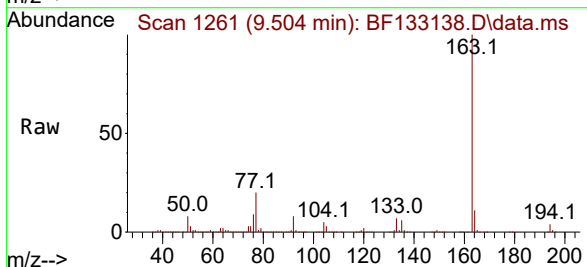
Tgt Ion:163 Resp: 1293139

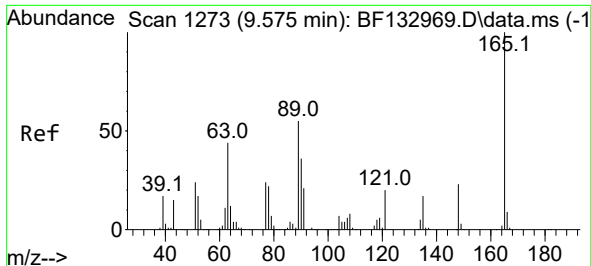
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.5 8.5 12.7

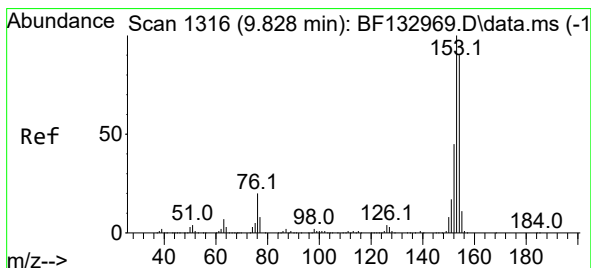
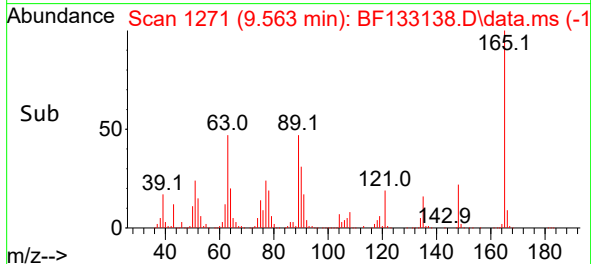
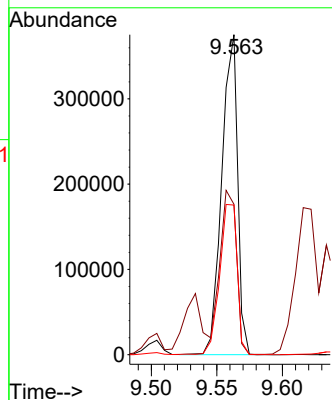
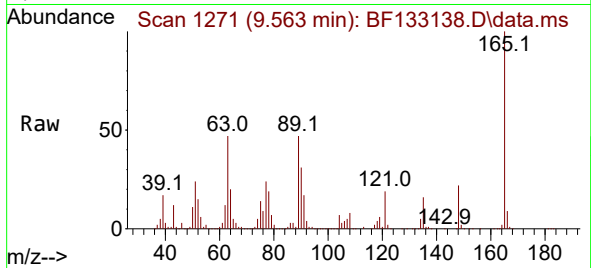




#51
2,6-Dinitrotoluene
Concen: 50.923 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

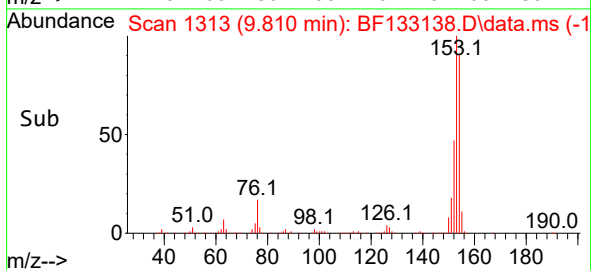
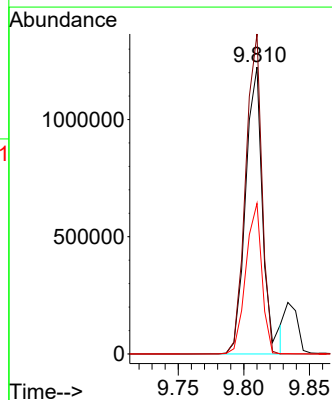
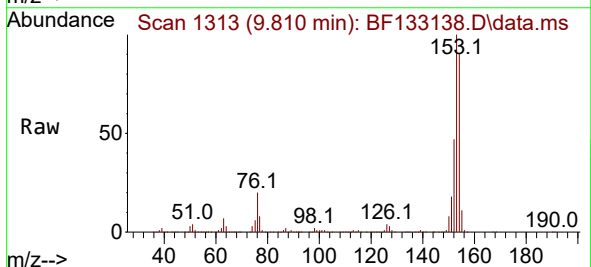
Instrument :
BNA_F
ClientSampleId :
MW-4MS

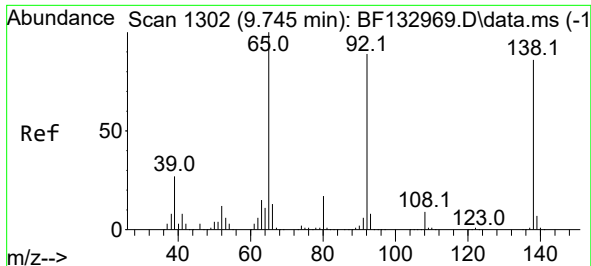
Tgt Ion:165 Resp: 314161
Ion Ratio Lower Upper
165 100
63 47.0 45.9 68.9
89 46.8 44.0 66.0



#52
Acenaphthene
Concen: 46.006 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:154 Resp: 1123287
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 52.5 40.4 60.6

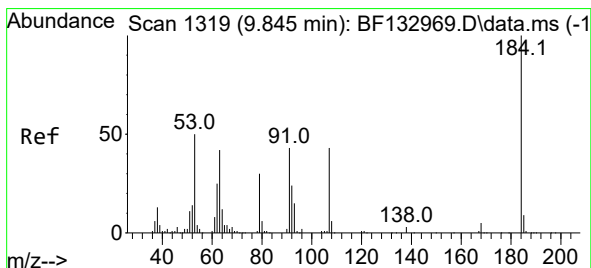
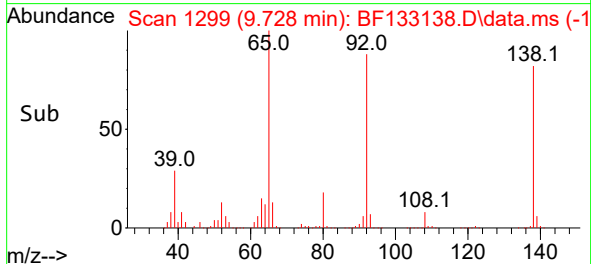
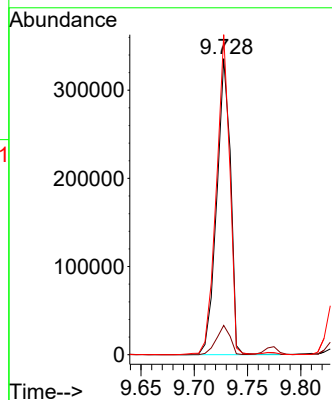
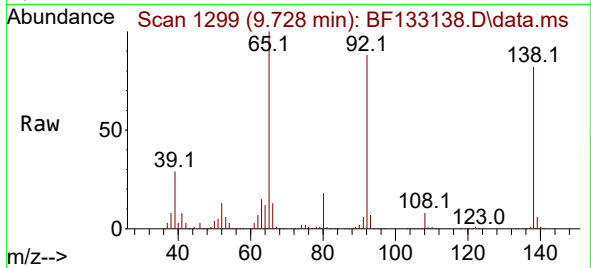




#53
3-Nitroaniline
Concen: 40.972 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

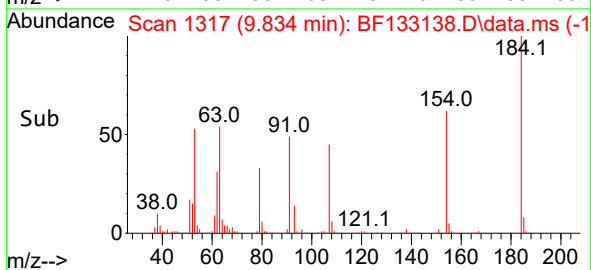
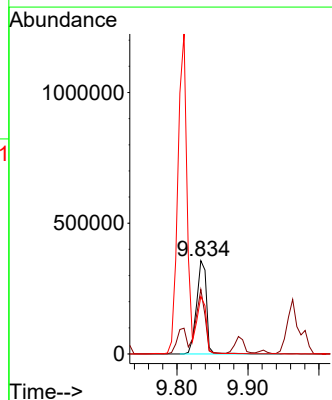
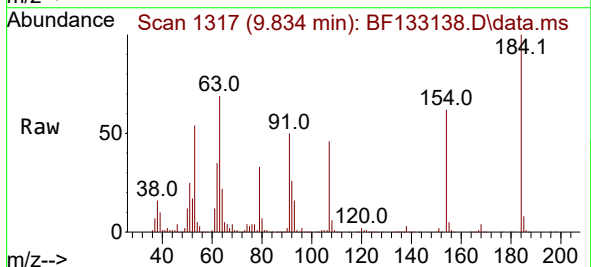
Instrument :
BNA_F
ClientSampleId :
MW-4MS

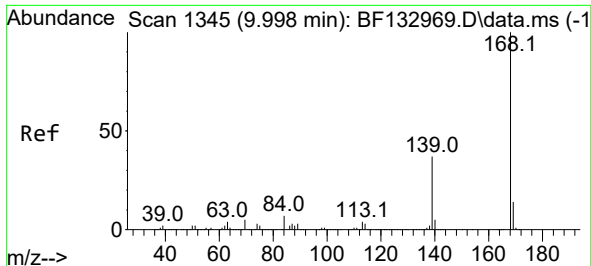
Tgt Ion:138 Resp: 300550
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 108.1 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 112.063 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:184 Resp: 347512
Ion Ratio Lower Upper
184 100
63 69.1 49.8 74.8
154 61.6 49.5 74.3





#55

Dibenzofuran

Concen: 46.668 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

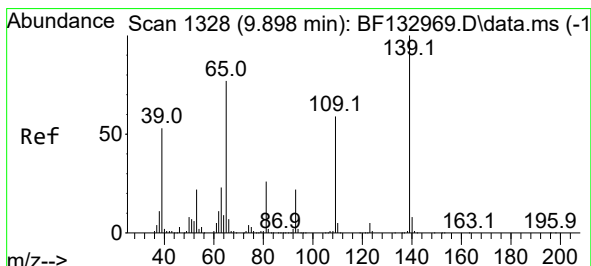
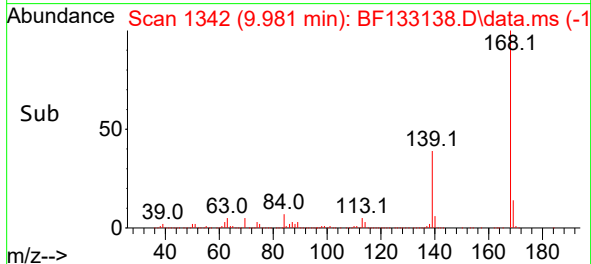
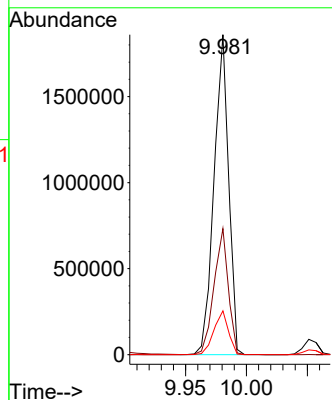
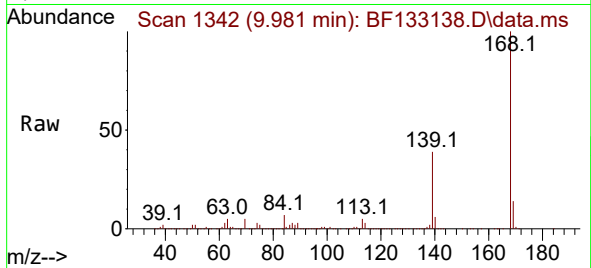
Tgt Ion:168 Resp: 1554345

Ion Ratio Lower Upper

168 100

139 39.4 29.8 44.8

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 39.253 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

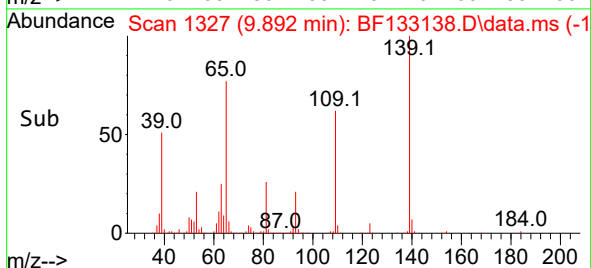
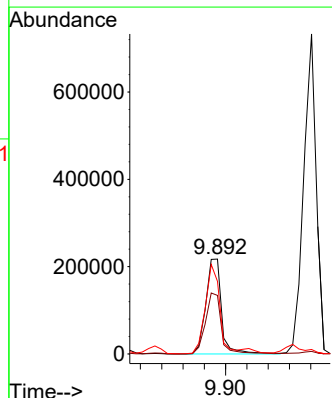
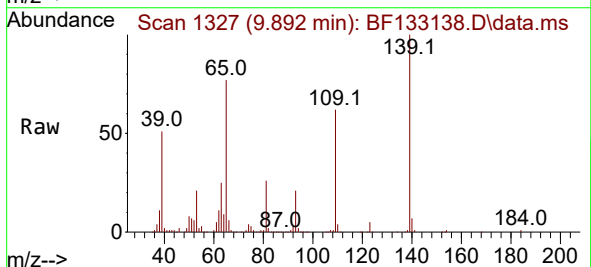
Tgt Ion:139 Resp: 223015

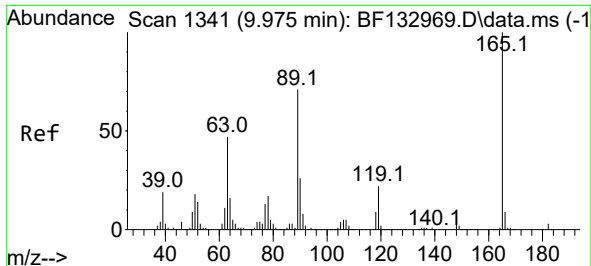
Ion Ratio Lower Upper

139 100

109 61.7 39.4 79.4

65 76.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 52.248 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

Tgt Ion:165 Resp: 411071

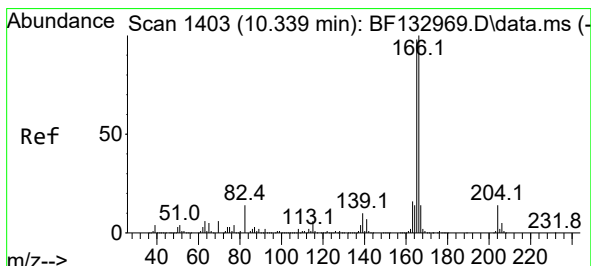
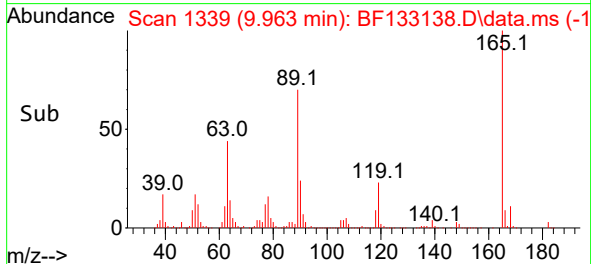
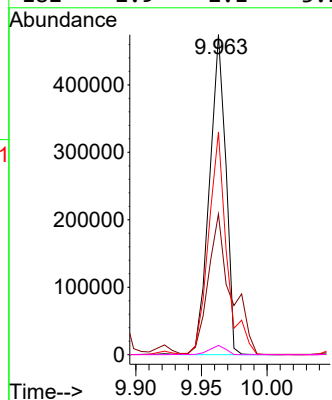
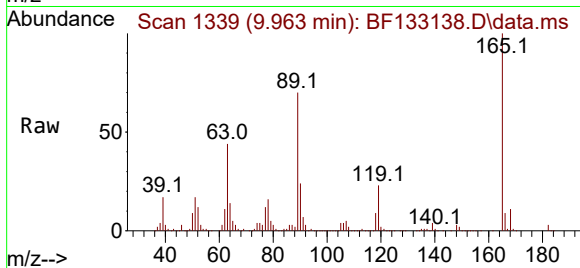
Ion Ratio Lower Upper

165 100

63 43.9 37.7 56.5

89 69.6 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 46.684 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

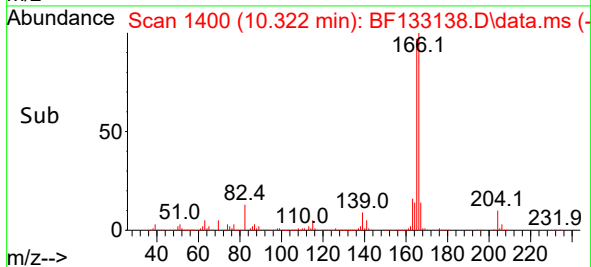
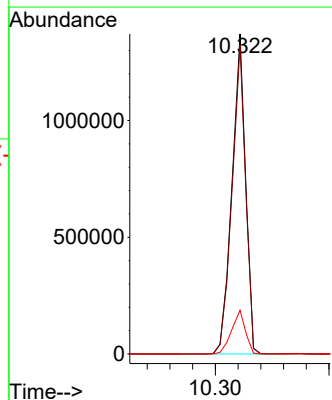
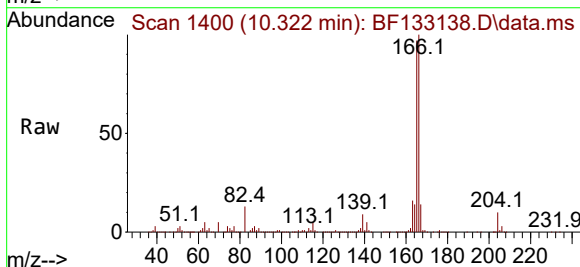
Tgt Ion:166 Resp: 1139157

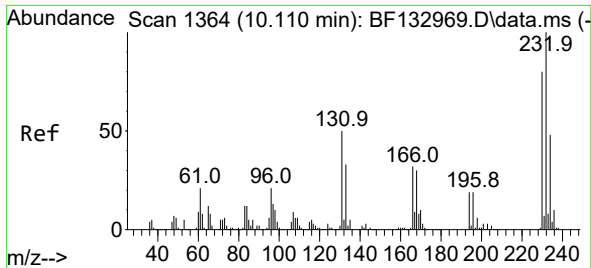
Ion Ratio Lower Upper

166 100

165 96.5 78.6 117.8

167 13.6 11.0 16.4

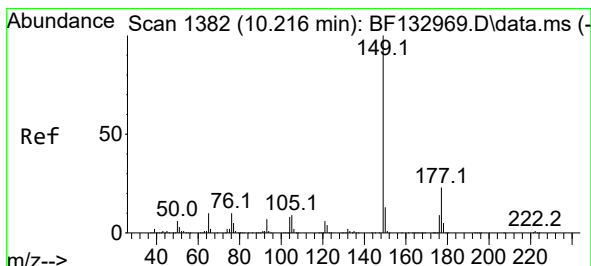
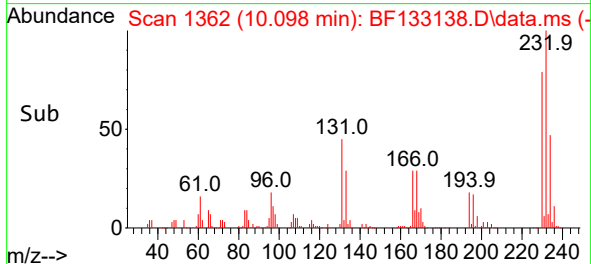
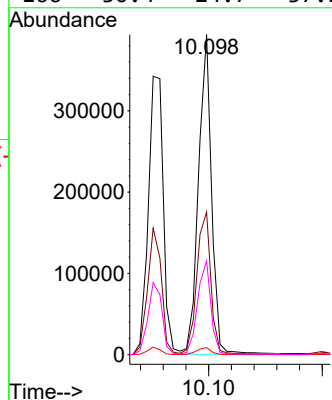
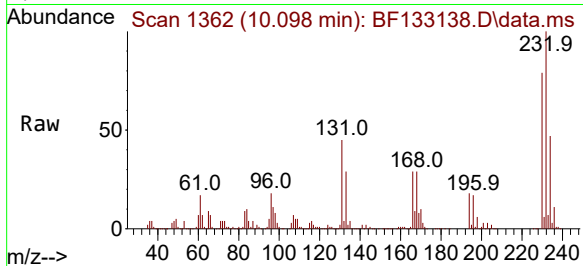




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.891 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

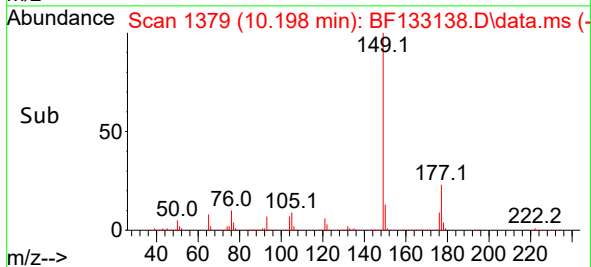
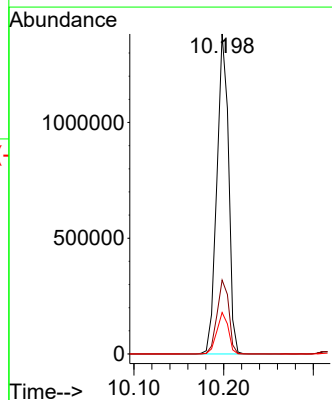
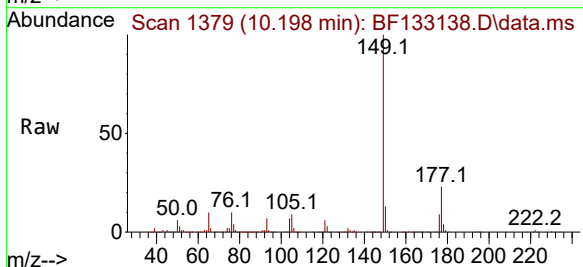
Instrument :
BNA_F
ClientSampleId :
MW-4MS

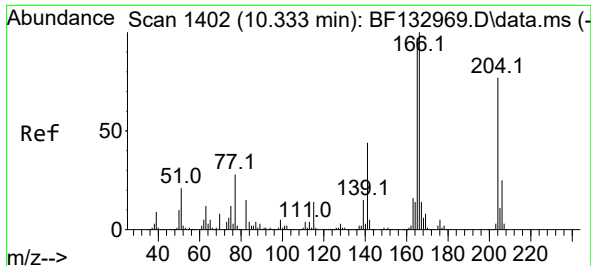
Tgt Ion:232 Resp: 313872
Ion Ratio Lower Upper
232 100
131 47.9 38.0 57.0
130 2.4 1.8 2.8
166 30.4 24.7 37.1



#60
Diethylphthalate
Concen: 48.209 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:149 Resp: 1248182
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.0 10.2 15.4

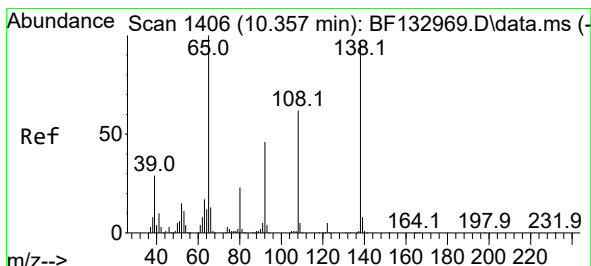
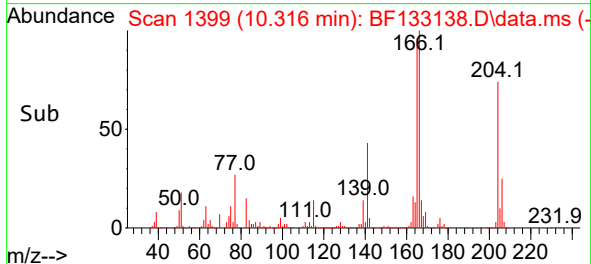
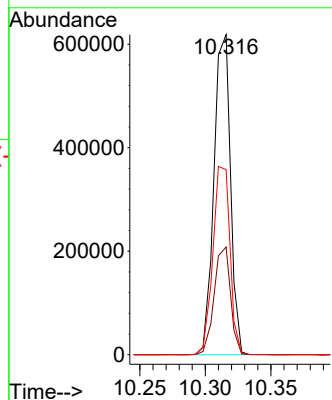
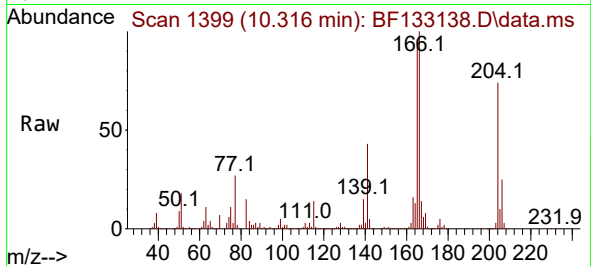




#61
4-Chlorophenyl-phenylether
Concen: 45.711 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

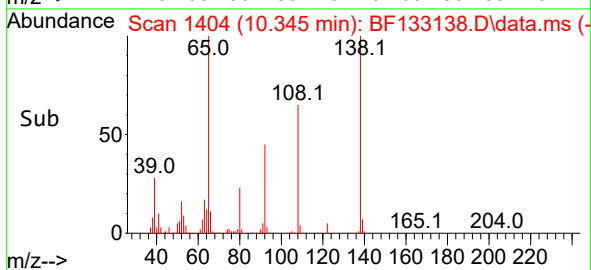
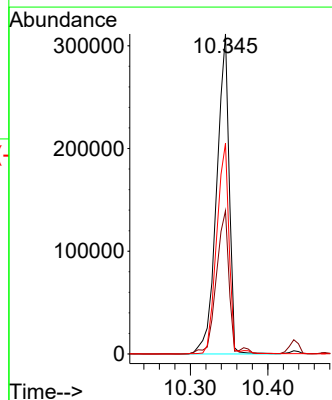
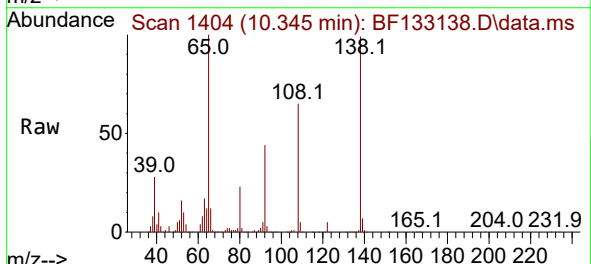
Instrument :
BNA_F
ClientSampleId :
MW-4MS

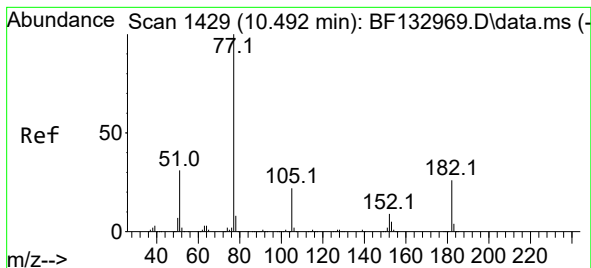
Tgt Ion:204 Resp: 543560
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 57.8 46.1 69.1



#62
4-Nitroaniline
Concen: 52.017 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:138 Resp: 350701
Ion Ratio Lower Upper
138 100
92 44.8 27.7 67.7
108 65.8 45.2 85.2





#63

Azobenzene

Concen: 48.815 ng

RT: 10.475 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

Tgt Ion: 77 Resp: 1338870

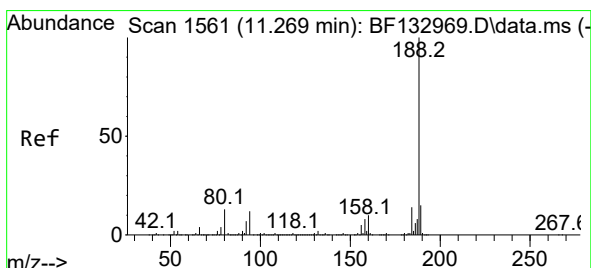
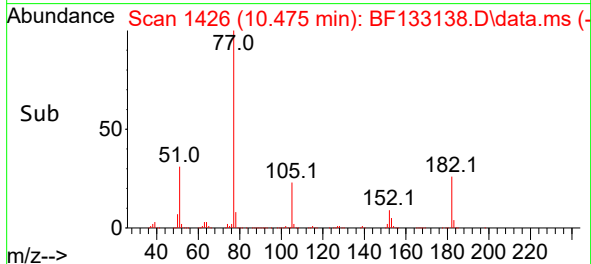
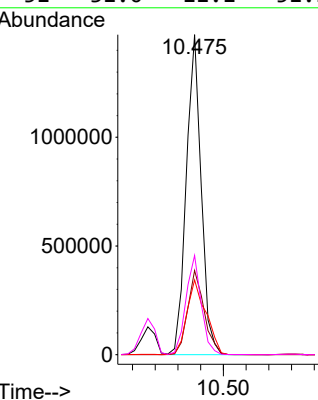
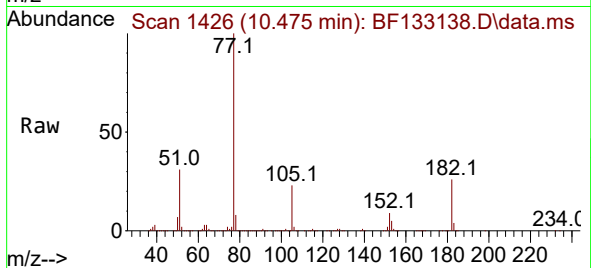
Ion Ratio Lower Upper

77 100

182 26.3 5.9 45.9

105 23.4 2.3 42.3

51 31.0 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: BF133138.D

Acq: 29 Apr 2023 00:01

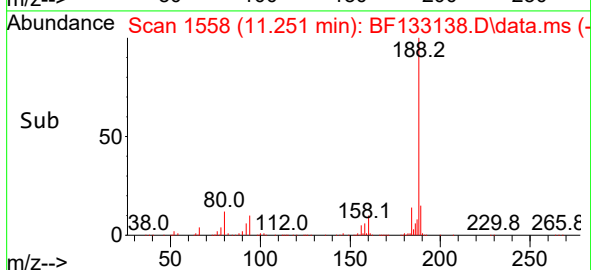
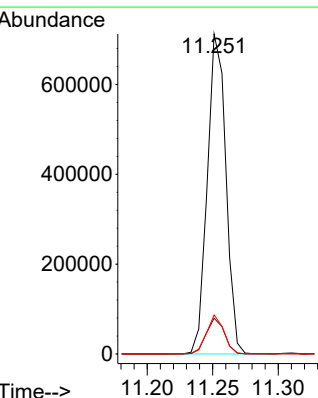
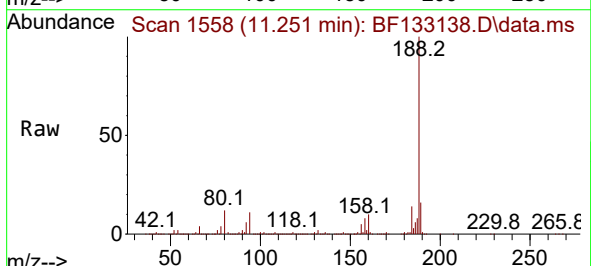
Tgt Ion:188 Resp: 700777

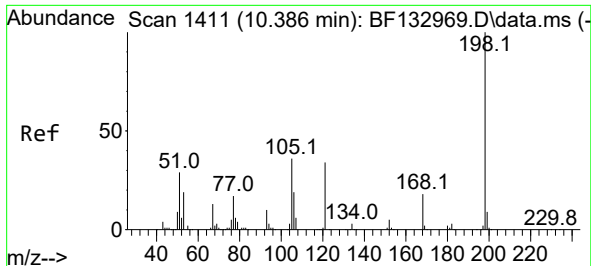
Ion Ratio Lower Upper

188 100

94 11.2 9.7 14.5

80 12.2 10.4 15.6

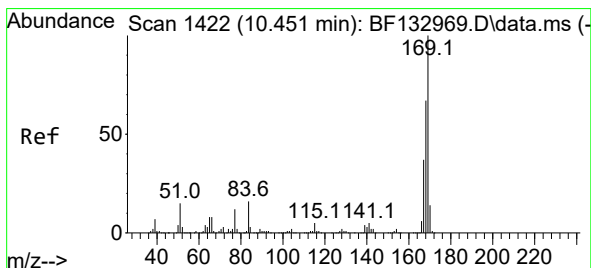
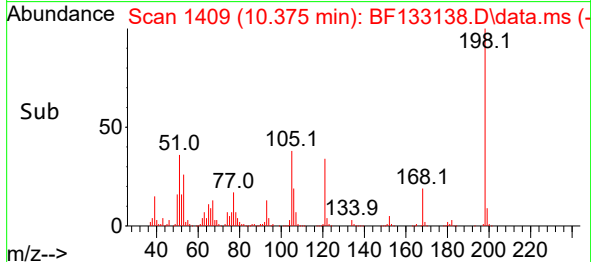
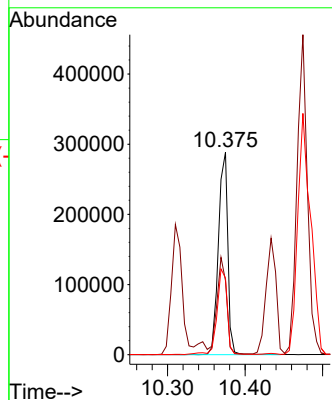
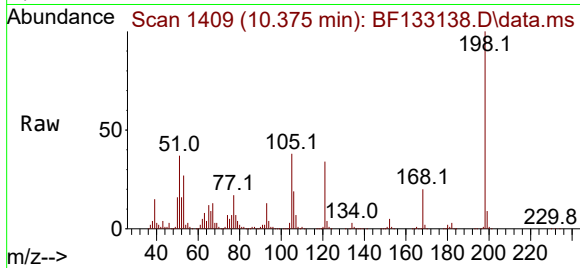




#65
4,6-Dinitro-2-methylphenol
Concen: 57.246 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

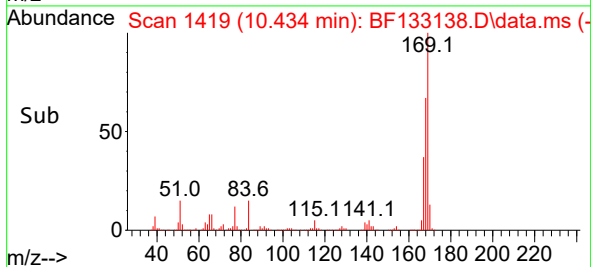
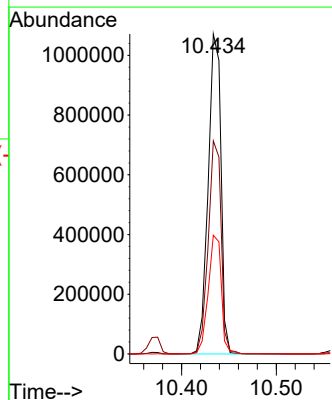
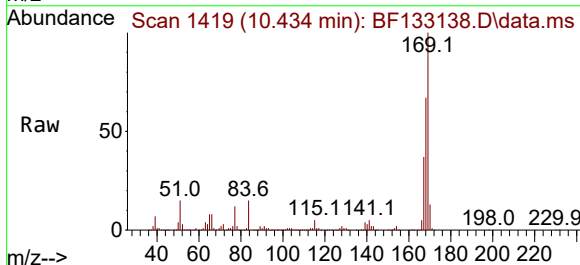
Instrument :
BNA_F
ClientSampleId :
MW-4MS

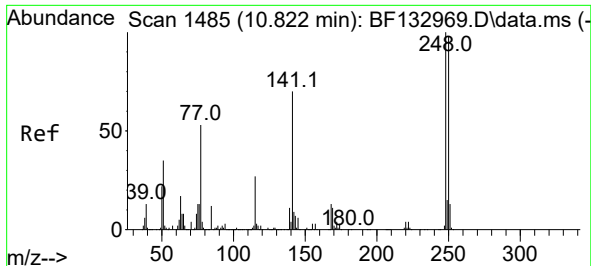
Tgt Ion:198 Resp: 243154
Ion Ratio Lower Upper
198 100
51 36.6 15.5 55.5
105 37.9 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 44.028 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:169 Resp: 1000809
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 37.1 29.7 44.5

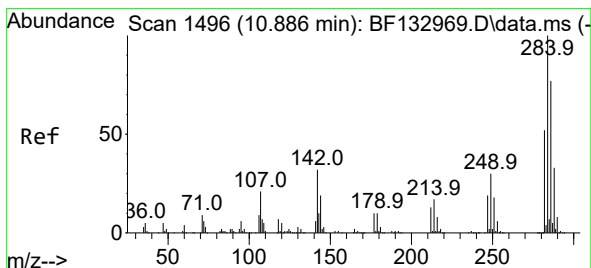
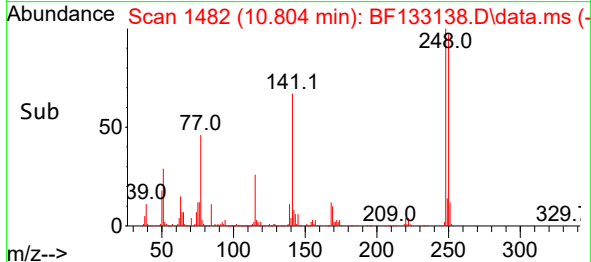
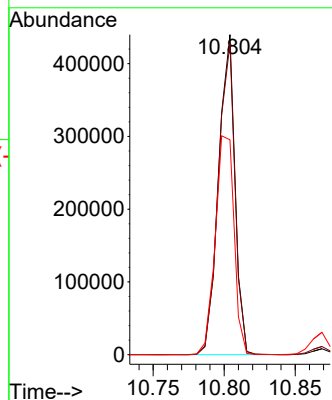
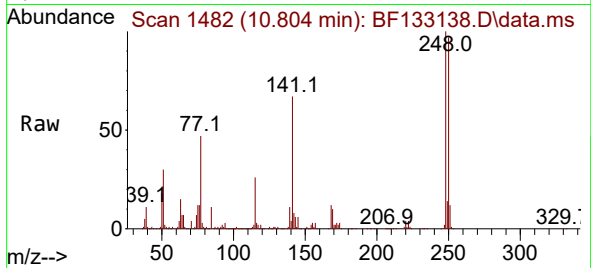




#67
4-Bromophenyl-phenylether
Concen: 46.813 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

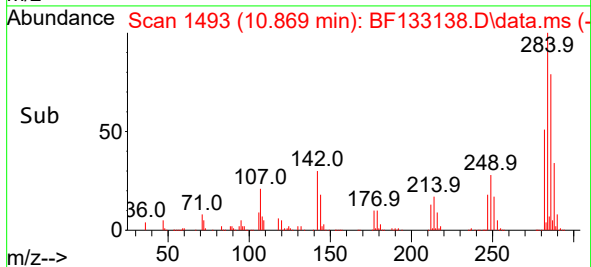
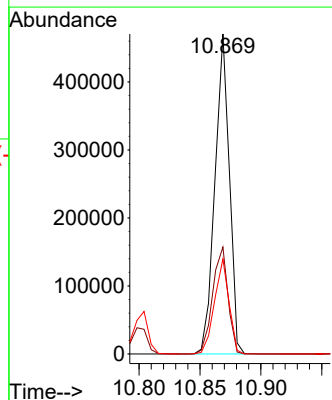
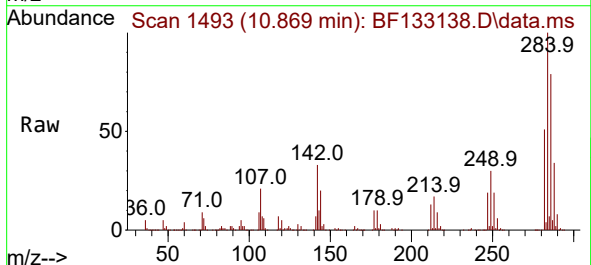
Instrument :
BNA_F
ClientSampleId :
MW-4MS

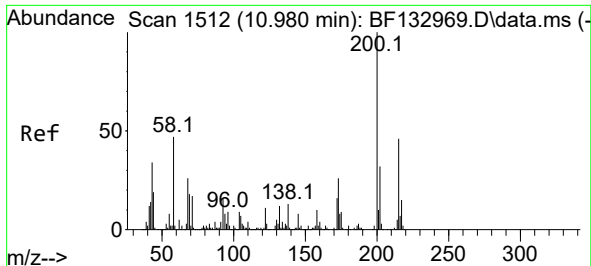
Tgt Ion:248 Resp: 355794
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 67.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 49.829 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:284 Resp: 388066
Ion Ratio Lower Upper
284 100
142 33.4 26.0 39.0
249 29.7 23.7 35.5

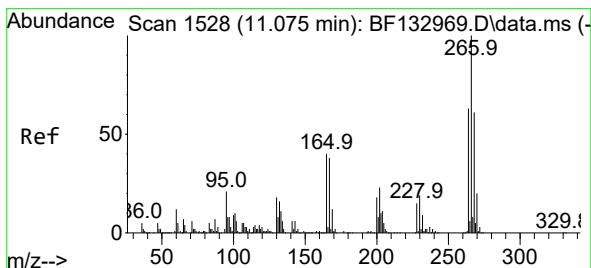
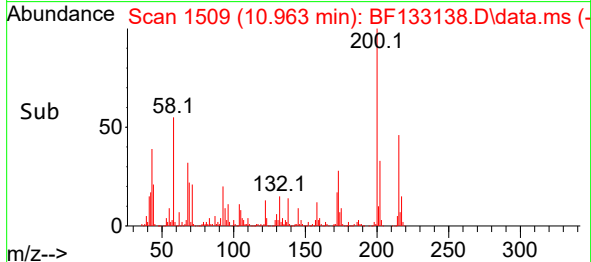
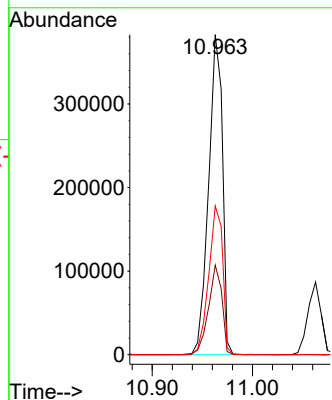
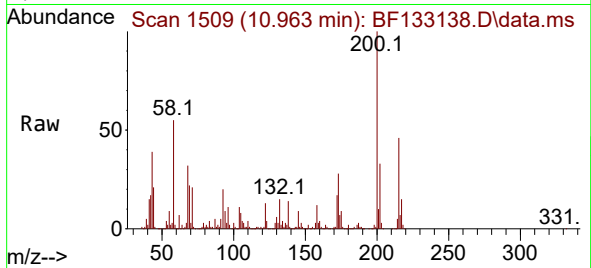




#69
Atrazine
Concen: 56.188 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

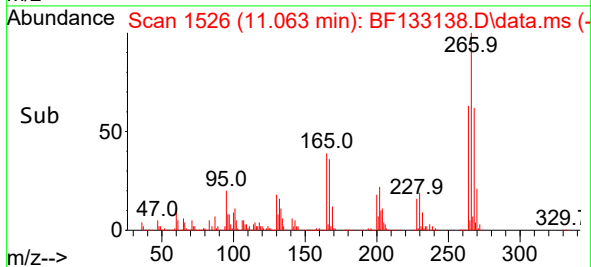
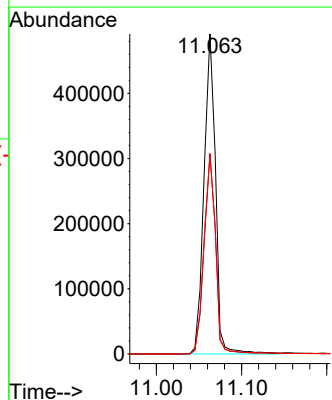
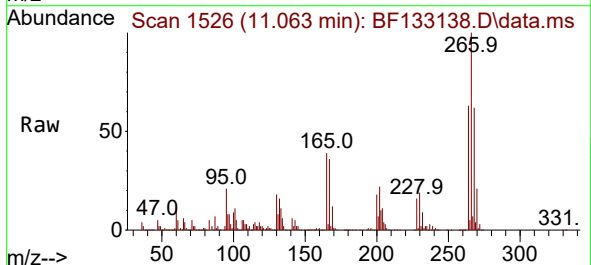
Instrument :
BNA_F
ClientSampleId :
MW-4MS

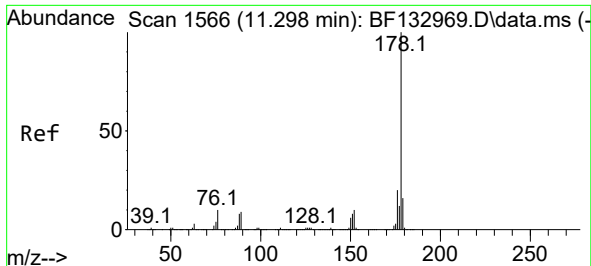
Tgt Ion:200 Resp: 368028
Ion Ratio Lower Upper
200 100
173 28.0 6.2 46.2
215 46.5 26.3 66.3



#70
Pentachlorophenol
Concen: 83.031 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:266 Resp: 460535
Ion Ratio Lower Upper
266 100
268 62.3 48.8 73.2
264 62.7 50.6 76.0

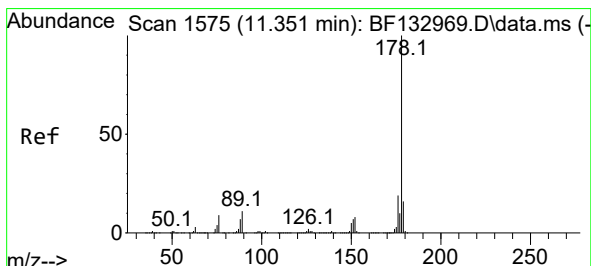
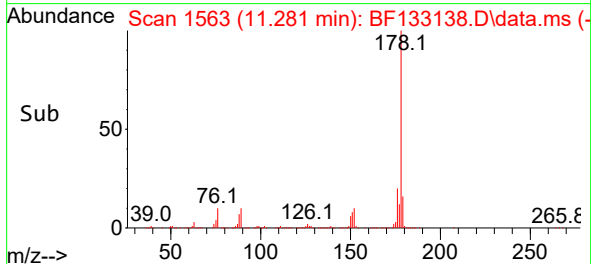
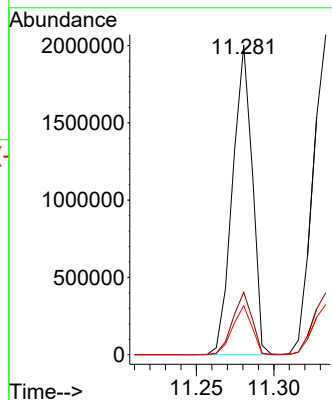
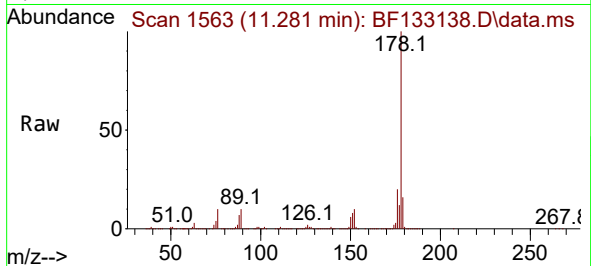




#71
Phenanthrene
Concen: 46.982 ng
RT: 11.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

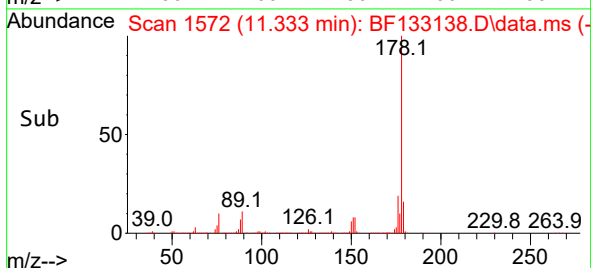
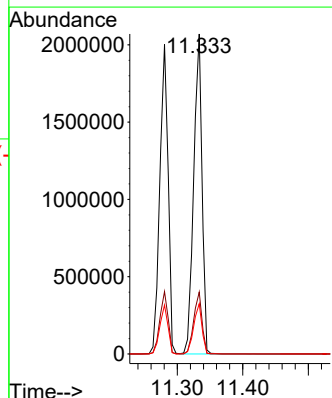
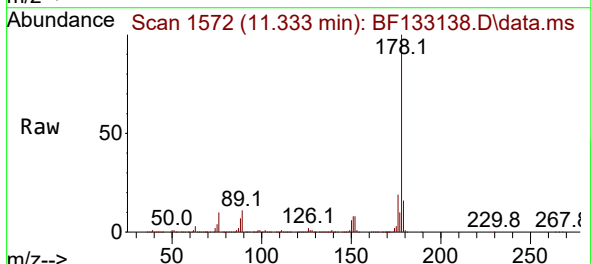
Instrument :
BNA_F
ClientSampleId :
MW-4MS

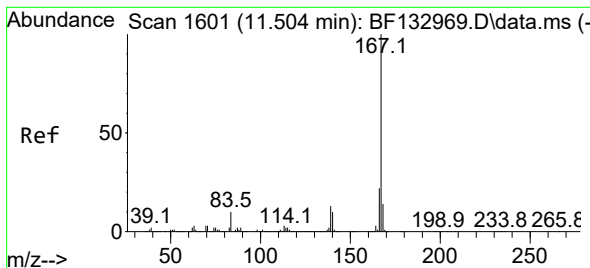
Tgt Ion:178 Resp: 1769547
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 47.543 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:178 Resp: 1832563
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.4 18.6





#73

Carbazole

Concen: 49.383 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

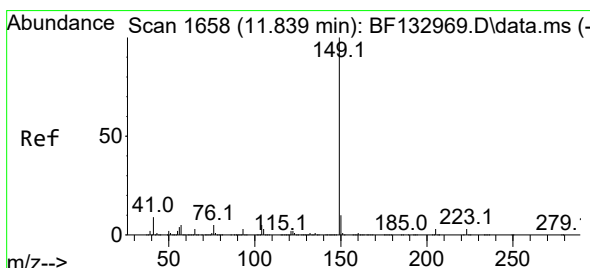
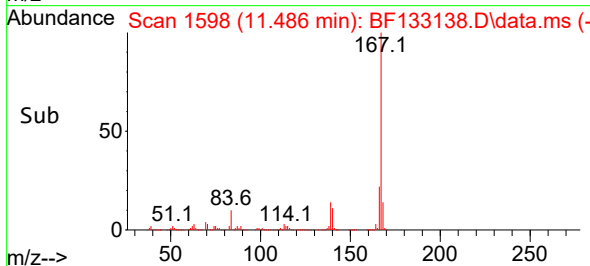
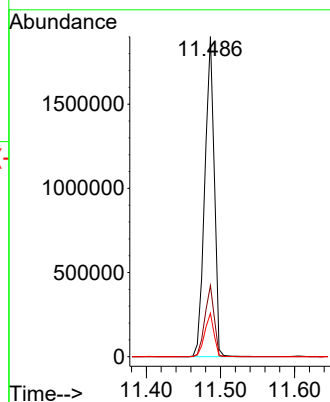
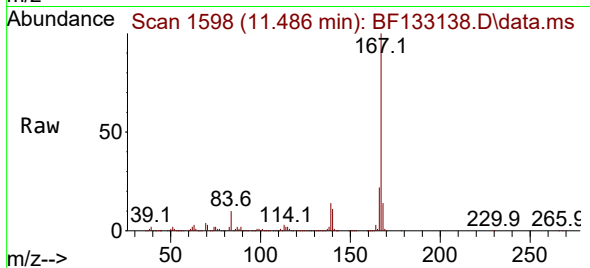
Tgt Ion:167 Resp: 1694938

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 50.130 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

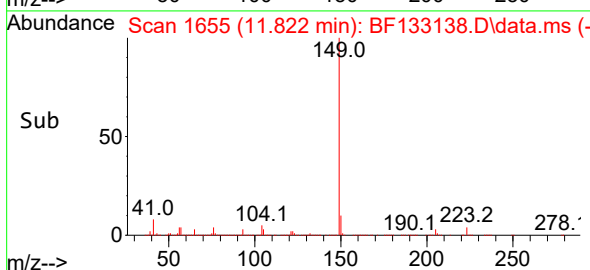
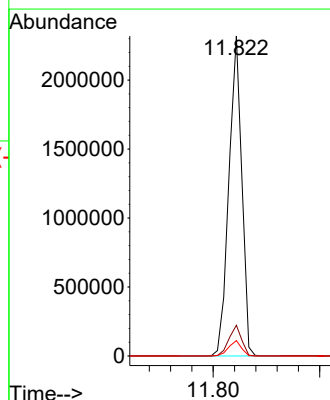
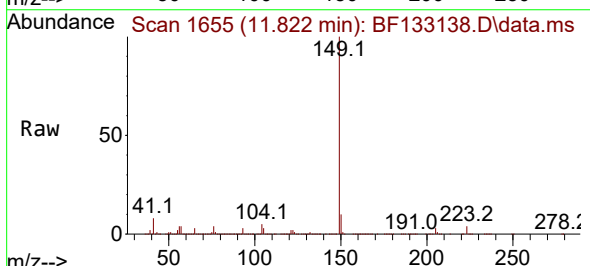
Tgt Ion:149 Resp: 1947095

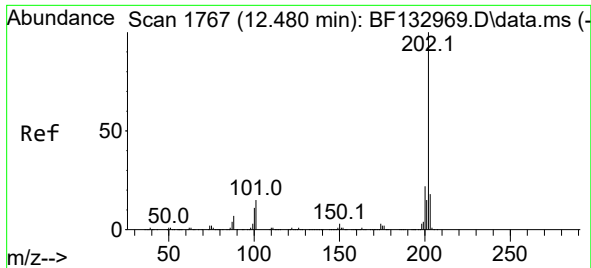
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 4.8 4.0 6.0

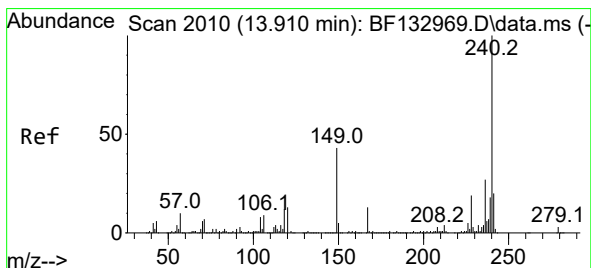
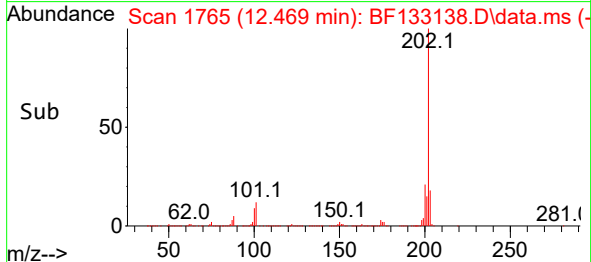
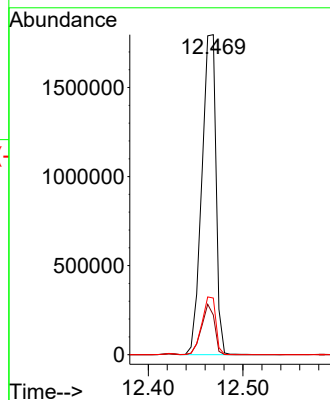
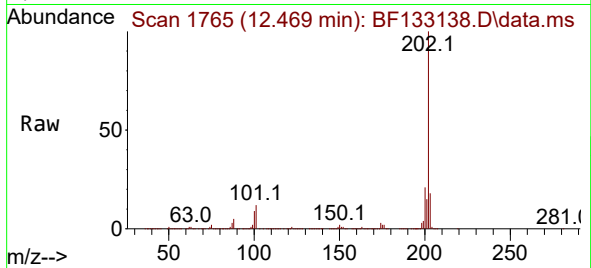




#75
Fluoranthene
Concen: 49.358 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

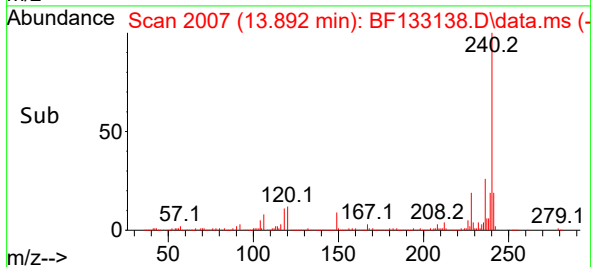
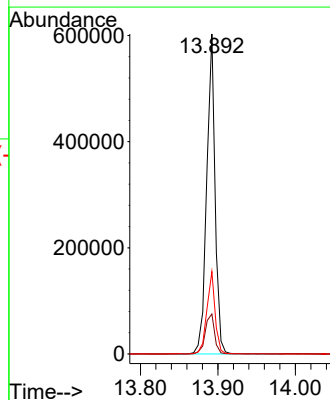
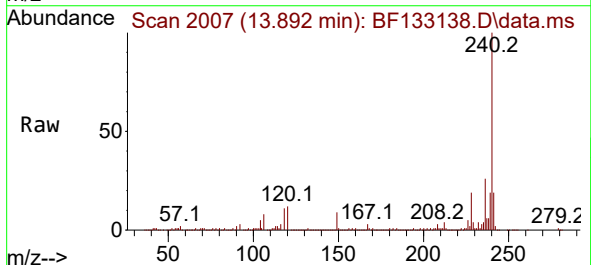
Instrument :
BNA_F
ClientSampleId :
MW-4MS

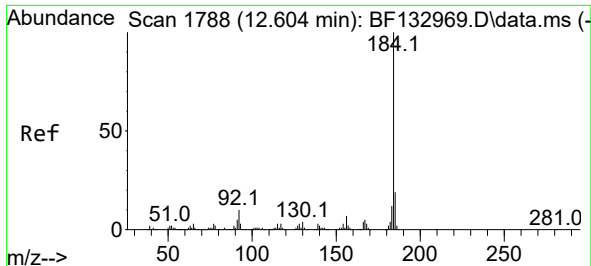
Tgt Ion:202 Resp: 1865762
Ion Ratio Lower Upper
202 100
101 12.4 0.0 35.3
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:240 Resp: 454277
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 25.7 21.5 32.3

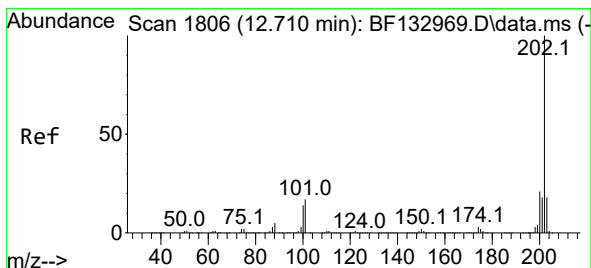
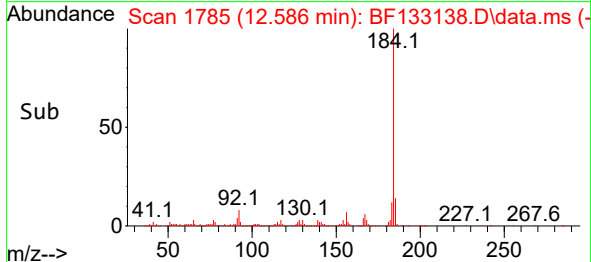
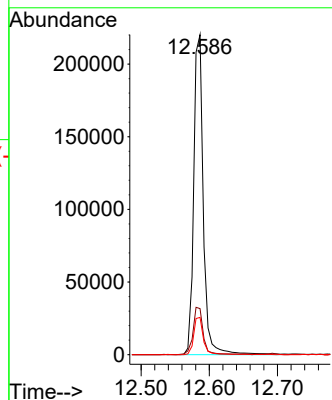
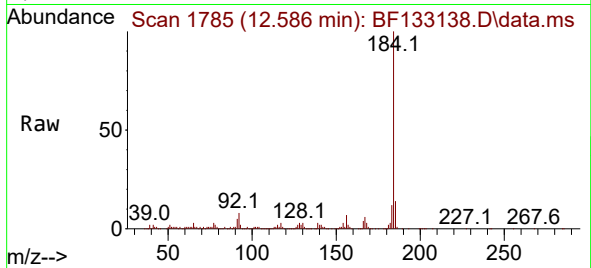




#77
Benzidine
Concen: 28.066 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

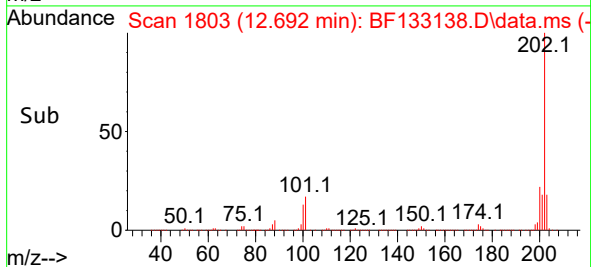
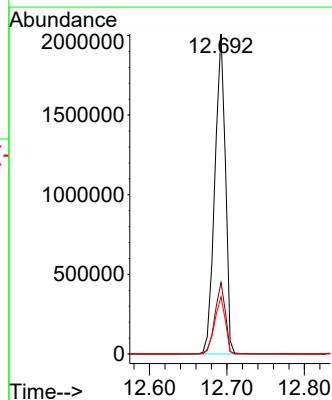
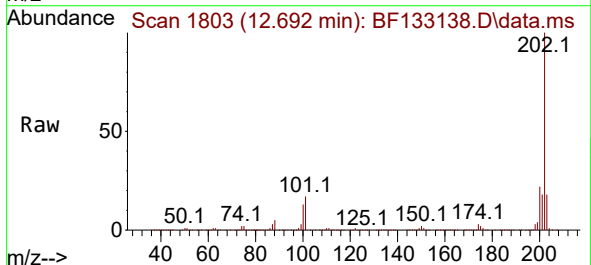
Instrument :
BNA_F
ClientSampleId :
MW-4MS

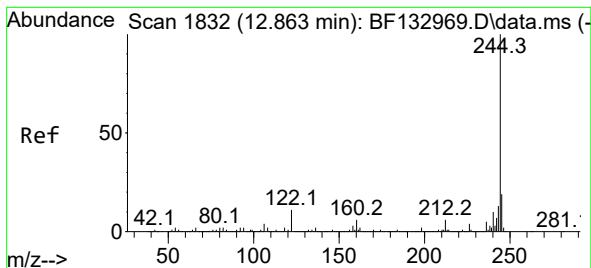
Tgt Ion:184 Resp: 215605
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2#
183 11.7 9.4 14.0



#78
Pyrene
Concen: 48.664 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:202 Resp: 1895091
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 91.408 ng

RT: 12.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

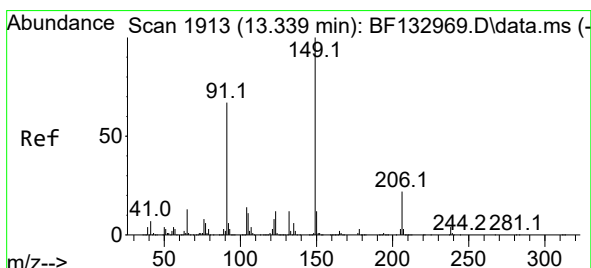
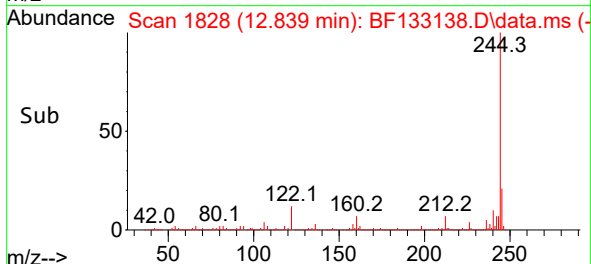
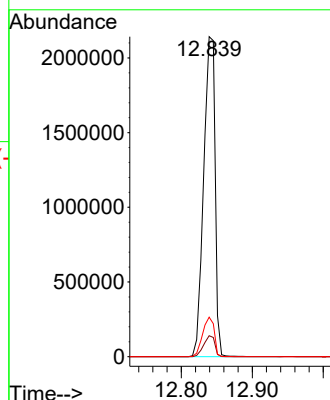
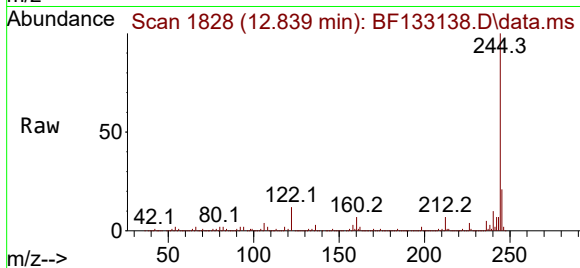
Tgt Ion:244 Resp: 2407687

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 59.671 ng

RT: 13.316 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

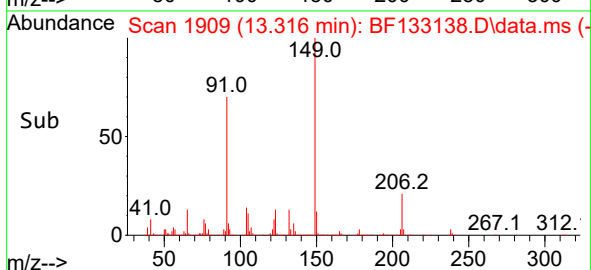
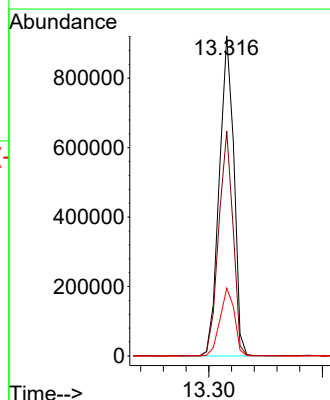
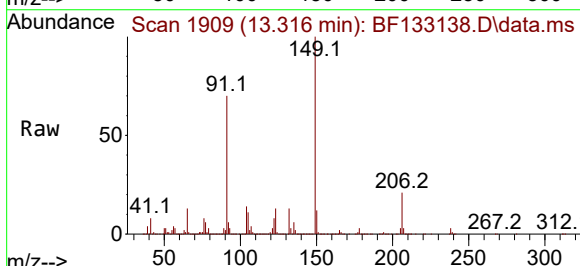
Tgt Ion:149 Resp: 822771

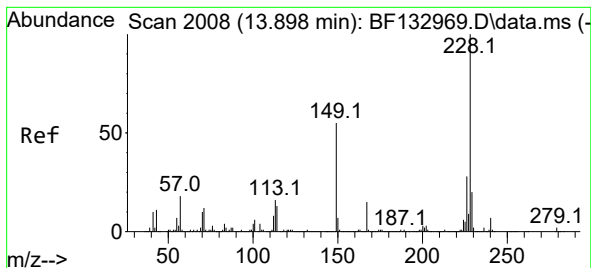
Ion Ratio Lower Upper

149 100

91 70.3 53.8 80.6

206 21.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 46.972 ng

RT: 13.880 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

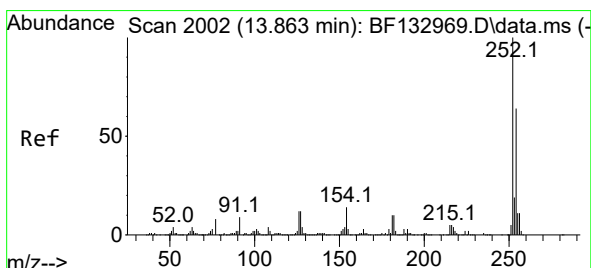
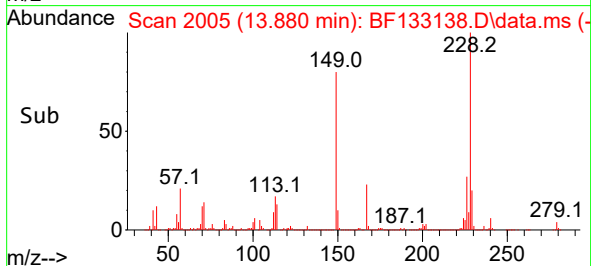
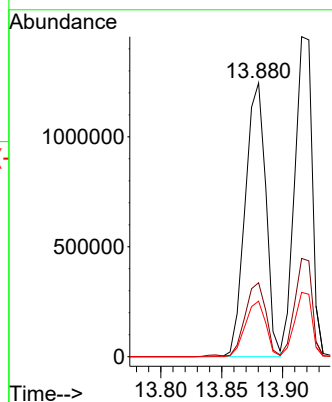
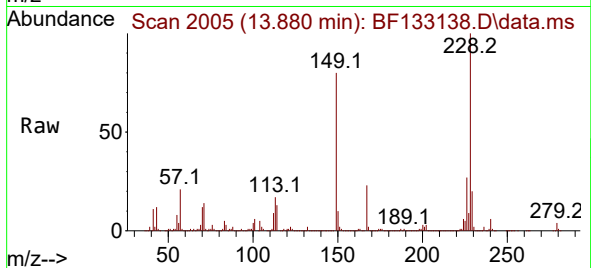
Tgt Ion:228 Resp: 1467363

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 50.330 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

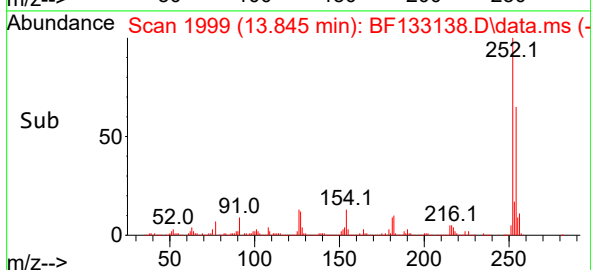
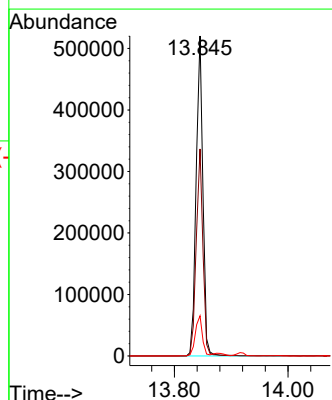
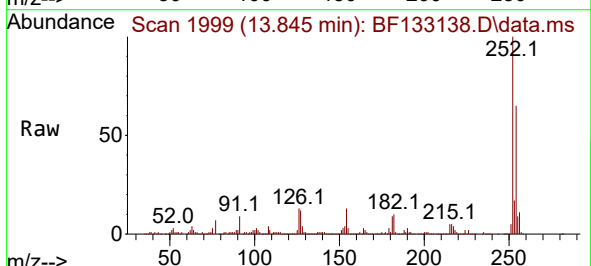
Tgt Ion:252 Resp: 434339

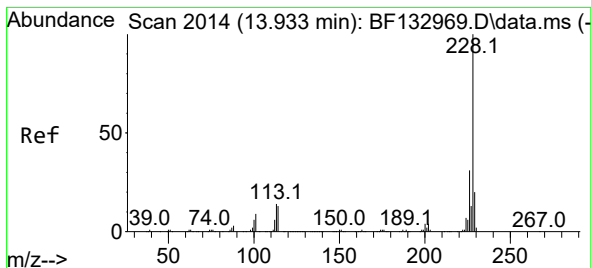
Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 12.5 9.5 14.3





#83

Chrysene

Concen: 46.797 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

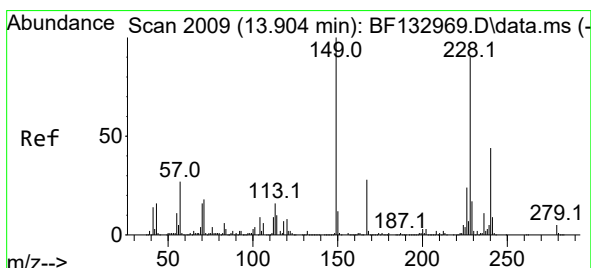
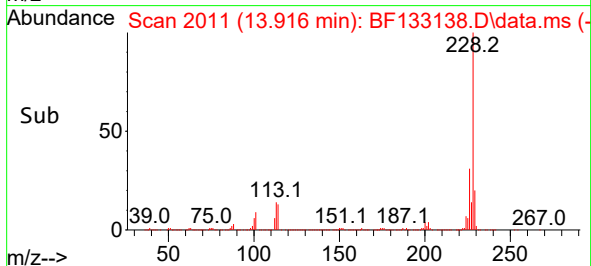
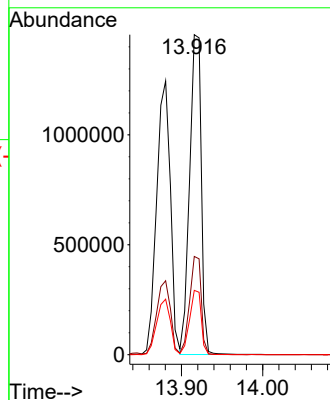
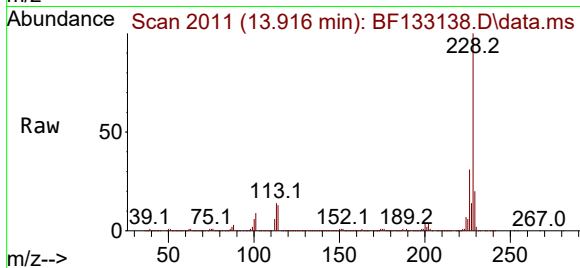
Tgt Ion:228 Resp: 1461536

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.067 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

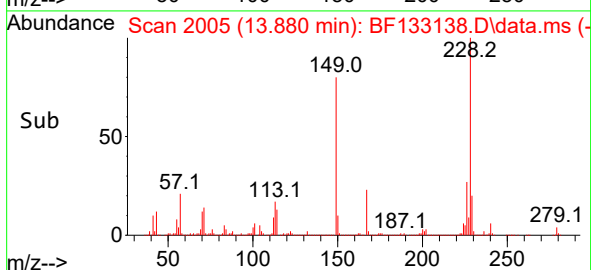
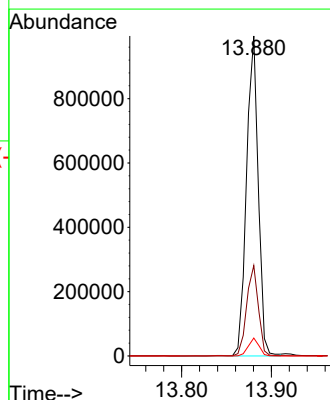
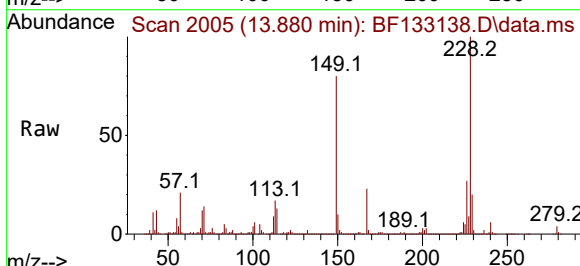
Tgt Ion:149 Resp: 901124

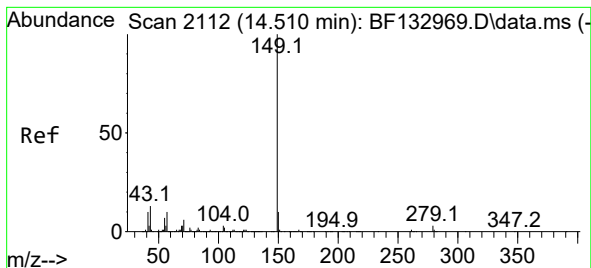
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 5.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 56.194 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

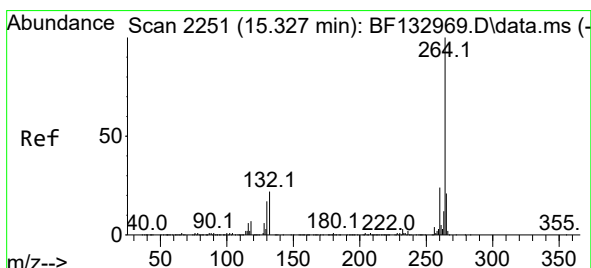
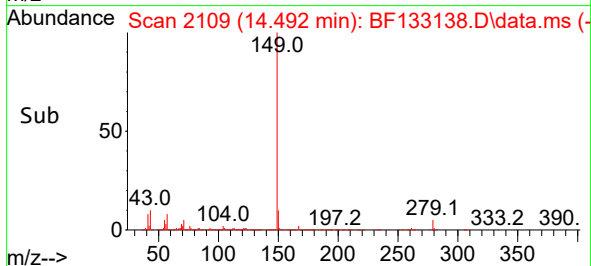
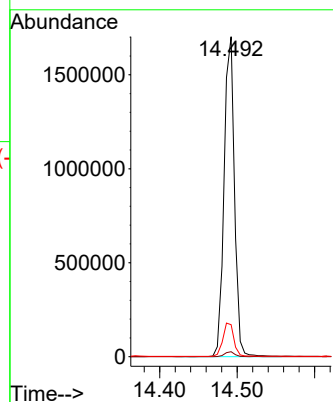
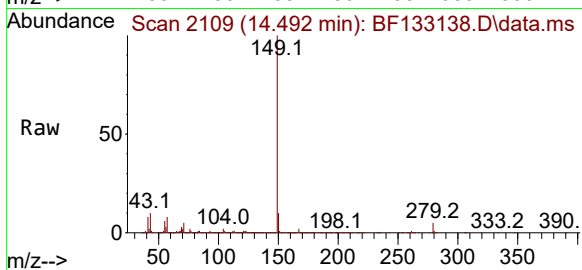
Tgt Ion:149 Resp: 1585790

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 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: BF133138.D

Acq: 29 Apr 2023 00:01

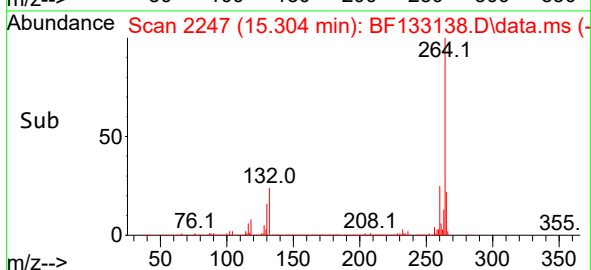
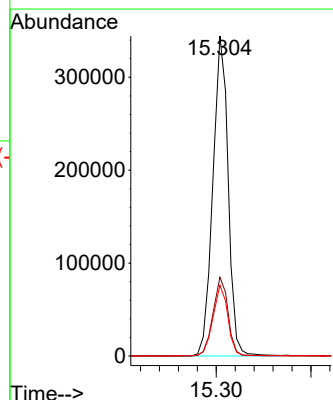
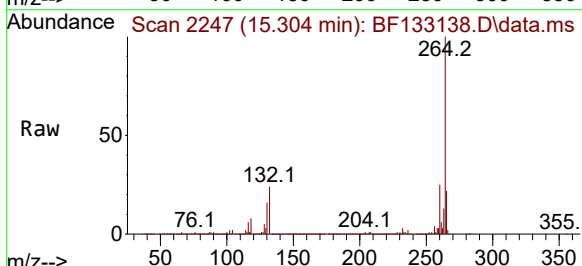
Tgt Ion:264 Resp: 386766

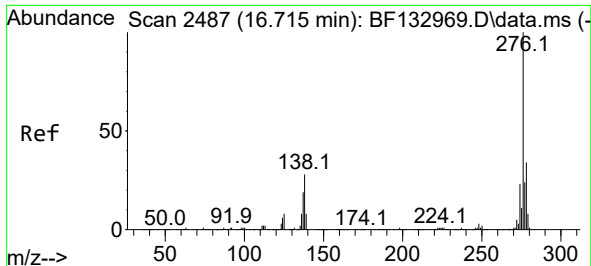
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 22.1 17.0 25.4

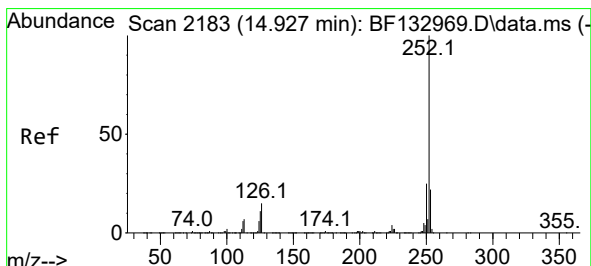
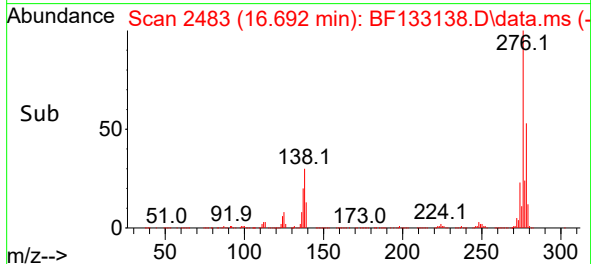
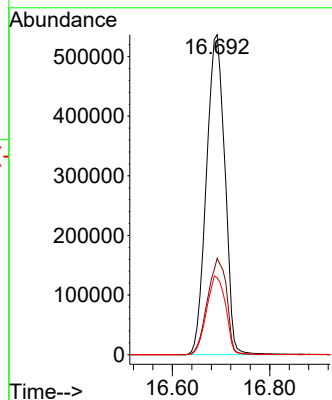
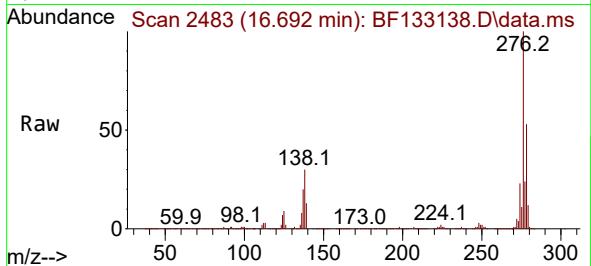




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.002 ng
RT: 16.692 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

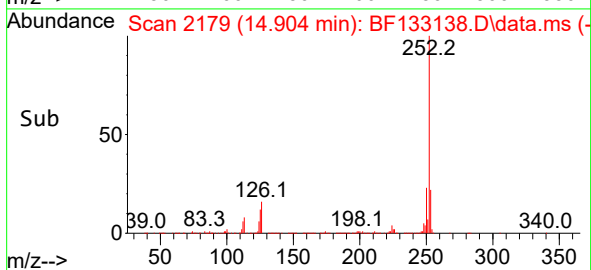
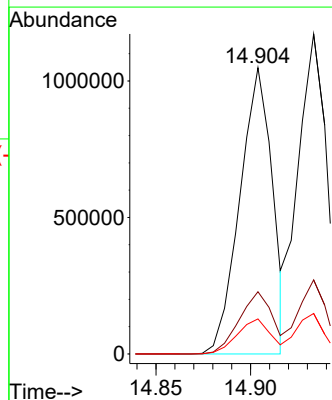
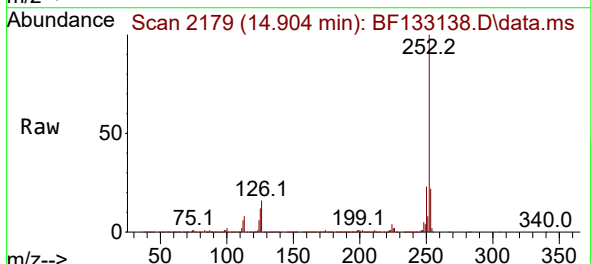
Instrument :
BNA_F
ClientSampleId :
MW-4MS

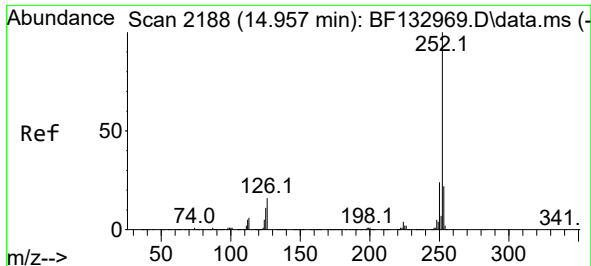
Tgt Ion:276 Resp: 1408054
Ion Ratio Lower Upper
276 100
138 31.3 25.5 38.3
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 51.136 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:252 Resp: 1258228
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 50.187 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

Instrument :

BNA_F

ClientSampleId :

MW-4MS

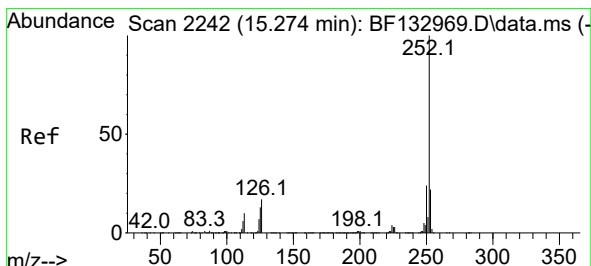
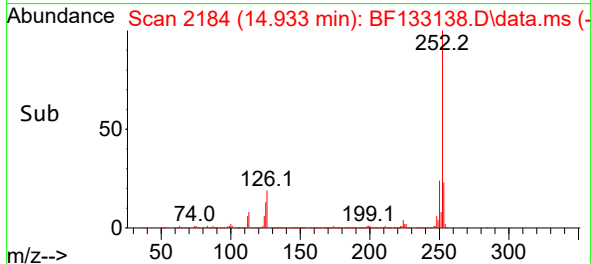
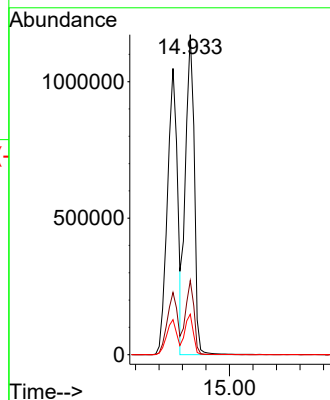
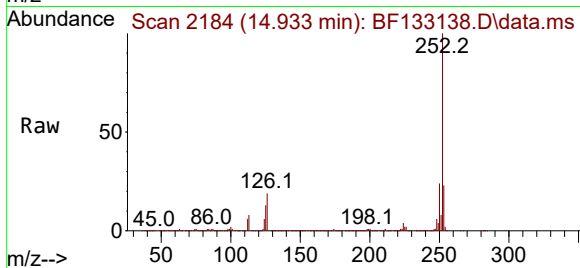
Tgt Ion:252 Resp: 1224125

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 12.7 9.0 13.4



#90

Benzo(a)pyrene

Concen: 47.636 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133138.D

Acq: 29 Apr 2023 00:01

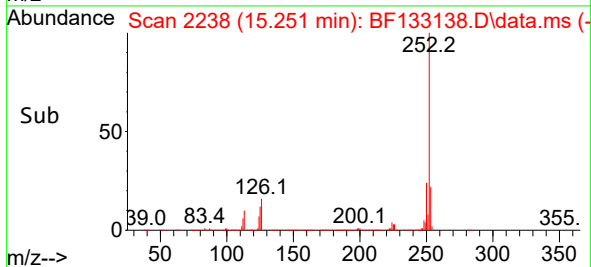
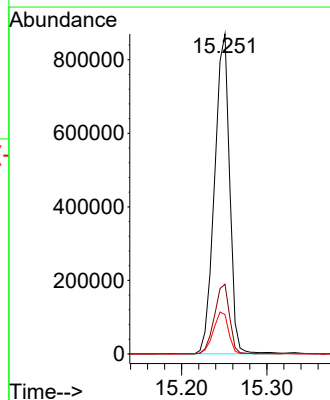
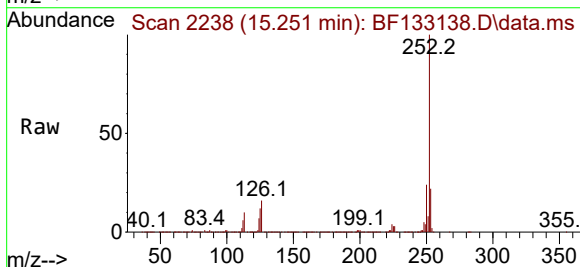
Tgt Ion:252 Resp: 1066856

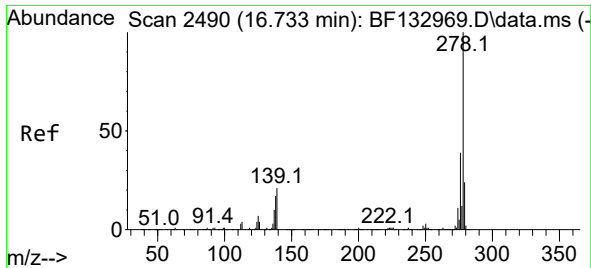
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.3 10.5 15.7

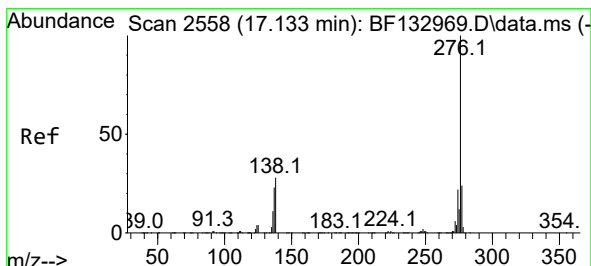
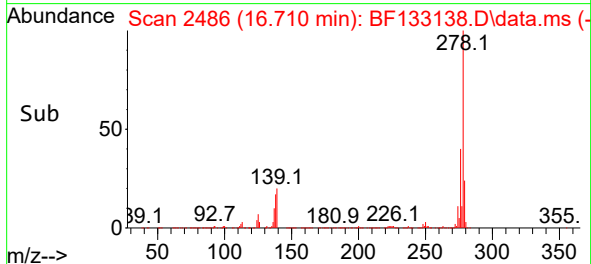
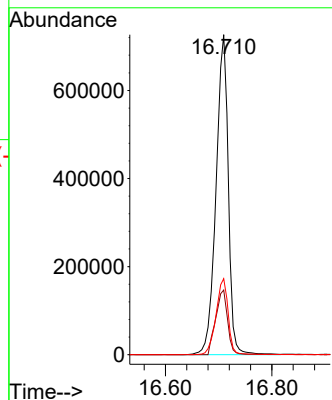
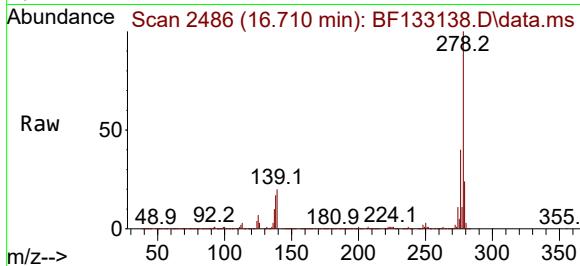




#91
Dibenzo(a,h)anthracene
Concen: 63.285 ng
RT: 16.710 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Instrument :
BNA_F
ClientSampleId :
MW-4MS

Tgt Ion:278 Resp: 1161218
Ion Ratio Lower Upper
278 100
139 20.2 16.6 24.8
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 64.946 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133138.D
Acq: 29 Apr 2023 00:01

Tgt Ion:276 Resp: 1176509
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 27.4 22.7 34.1

