

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133261.D
 Acq On : 05 May 2023 13:29
 Operator : CG\JU
 Sample : 02597-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20230503MSD

Quant Time: May 06 05:47:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	203622	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	810657	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	408794	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	679586	20.000	ng	0.00
76) Chrysene-d12	13.880	240	327994	20.000	ng	0.00
86) Perylene-d12	15.298	264	399737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	747029	55.420	ng	0.00
7) Phenol-d6	6.369	99	582715	34.829	ng	0.00
23) Nitrobenzene-d5	7.298	82	1136538	75.675	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	430880	104.806	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1754339	71.797	ng	0.00
79) Terphenyl-d14	12.833	244	1708911	89.858	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	115331	18.446	ng	98
3) Pyridine	3.122	79	284393	17.126	ng	97
4) n-Nitrosodimethylamine	3.063	42	158510	18.429	ng	99
6) Aniline	6.387	93	549193	25.486	ng	95
8) 2-Chlorophenol	6.510	128	492952	36.019	ng	97
9) Benzaldehyde	6.269	77	285916	35.591	ng	98
10) Phenol	6.381	94	285104	15.447	ng	# 65
11) bis(2-Chloroethyl)ether	6.463	93	562602	40.620	ng	97
12) 1,3-Dichlorobenzene	6.669	146	502870	34.560	ng	97
13) 1,4-Dichlorobenzene	6.745	146	511856	35.099	ng	97
14) 1,2-Dichlorobenzene	6.898	146	501704	37.316	ng	98
15) Benzyl Alcohol	6.875	79	353795	30.613	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	881439	36.640	ng	93
17) 2-Methylphenol	6.992	107	339536	27.093	ng	97
18) Hexachloroethane	7.239	117	171394	33.805	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	408912	39.259	ng	96
20) 3+4-Methylphenols	7.145	107	382831	25.940	ng	# 87
22) Acetophenone	7.139	105	853980	45.476	ng	# 93
24) Nitrobenzene	7.316	77	609115	40.024	ng	99
25) Isophorone	7.551	82	1149007	40.295	ng	97
26) 2-Nitrophenol	7.628	139	319927	43.584	ng	98
27) 2,4-Dimethylphenol	7.675	122	490797	38.993	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	695862	41.250	ng	99
29) 2,4-Dichlorophenol	7.875	162	446933	39.005	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	455794	38.396	ng	99
31) Naphthalene	8.039	128	2198275	54.238	ng	99
32) Benzoic acid	7.792	122	217500	27.975	ng	# 84
33) 4-Chloroaniline	8.086	127	282045	17.223	ng	98
34) Hexachlorobutadiene	8.151	225	235248	35.756	ng	99
35) Caprolactam	8.522	113	21981	5.710	ng	95
36) 4-Chloro-3-methylphenol	8.569	107	444717	35.991	ng	96
37) 2-Methylnaphthalene	8.728	142	1148678	41.454	ng	99
38) 1-Methylnaphthalene	8.822	142	1074913	41.467	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	435353	39.609	ng	99
41) Hexachlorocyclopentadiene	8.881	237	447327	69.784	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	313258	41.211	ng	99

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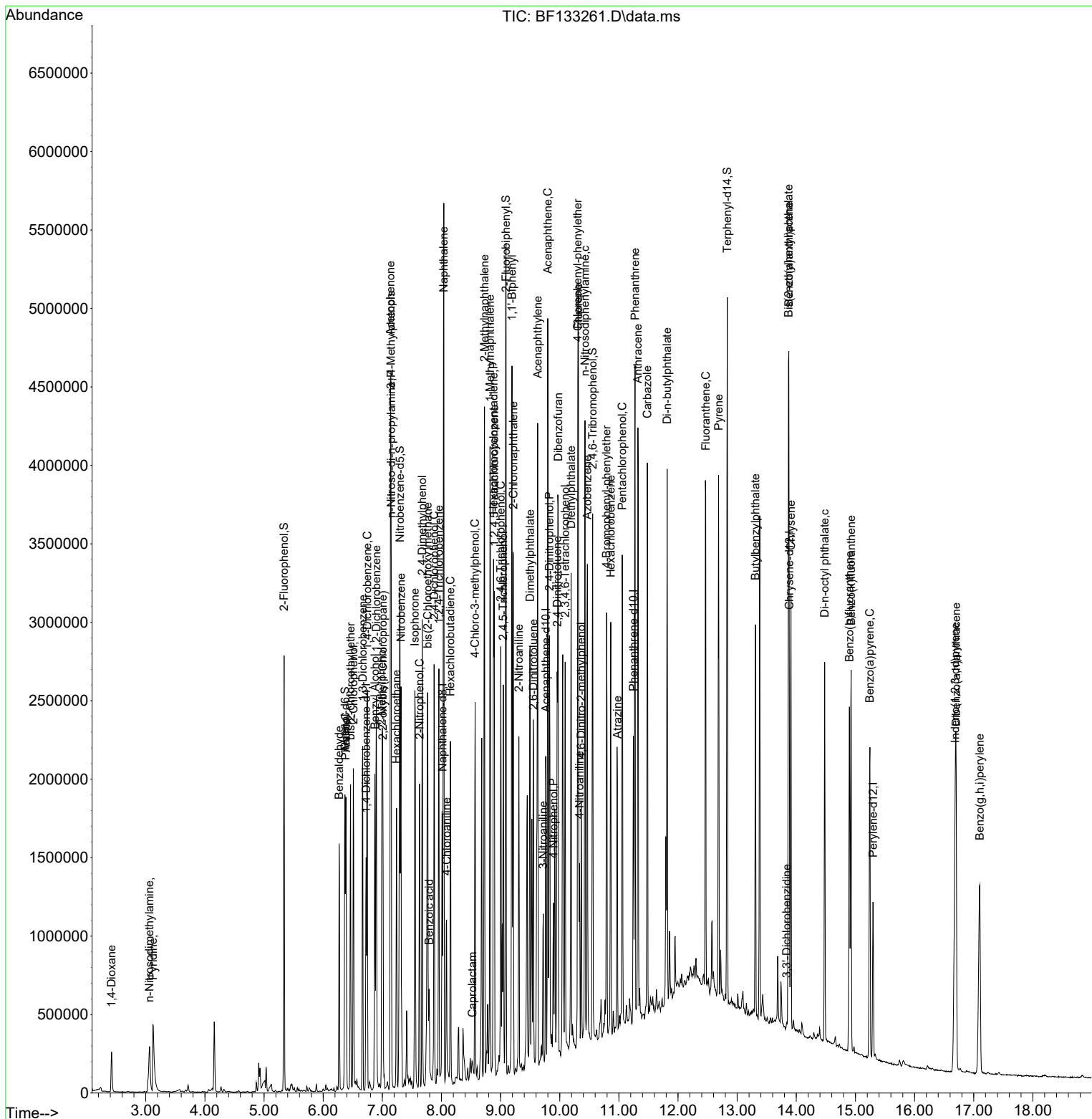
Instrument :
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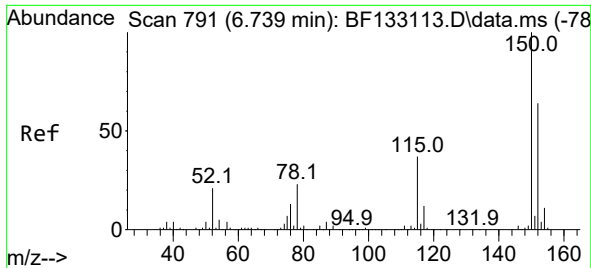
Quant Time: May 06 05:47:42 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	331487	37.707	ng	99
46) 1,1'-Biphenyl	9.192	154	1324620	40.864	ng	98
47) 2-Chloronaphthalene	9.216	162	986676	41.586	ng	98
48) 2-Nitroaniline	9.310	65	319479	40.743	ng	97
49) Acenaphthylene	9.628	152	1530496	40.371	ng	100
50) Dimethylphthalate	9.498	163	1180878	41.428	ng	99
51) 2,6-Dinitrotoluene	9.557	165	273128	42.572	ng	# 87
52) Acenaphthene	9.798	154	1050381	41.369	ng	99
53) 3-Nitroaniline	9.722	138	153455	20.117	ng	94
54) 2,4-Dinitrophenol	9.828	184	290882	90.202	ng	92
55) Dibenzofuran	9.975	168	1440746	41.598	ng	99
56) 4-Nitrophenol	9.892	139	152780	25.859	ng	92
57) 2,4-Dinitrotoluene	9.957	165	351651	42.980	ng	96
58) Fluorene	10.316	166	1062061	41.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	271614	39.853	ng	98
60) Diethylphthalate	10.192	149	1096637	40.731	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	486083	39.308	ng	95
62) 4-Nitroaniline	10.333	138	229188	32.689	ng	98
63) Azobenzene	10.469	77	1141225	40.012	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	200455	48.664	ng	74
66) n-Nitrosodiphenylamine	10.427	169	927347	42.068	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	303549	41.184	ng	# 92
68) Hexachlorobenzene	10.863	284	331273	43.863	ng	99
69) Atrazine	10.975	200	241679	38.049	ng	99
70) Pentachlorophenol	11.057	266	378431	70.356	ng	98
71) Phenanthrene	11.275	178	1570070	42.985	ng	99
72) Anthracene	11.322	178	1558147	41.684	ng	99
73) Carbazole	11.480	167	1497633	44.995	ng	99
74) Di-n-butylphthalate	11.816	149	1632947	43.353	ng	100
75) Fluoranthene	12.469	202	1331736	36.329	ng	96
78) Pyrene	12.686	202	1341324	47.706	ng	99
80) Butylbenzylphthalate	13.310	149	535981	53.838	ng	96
81) Benzo(a)anthracene	13.874	228	953011	42.253	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	18944	3.040	ng	# 91
83) Chrysene	13.910	228	922390	40.905	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	639369	51.167	ng	# 99
85) Di-n-octyl phthalate	14.480	149	1100783	54.026	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1239728	54.523	ng	98
88) Benzo(b)fluoranthene	14.898	252	1015103	39.916	ng	98
89) Benzo(k)fluoranthene	14.927	252	983188	39.001	ng	99
90) Benzo(a)pyrene	15.245	252	932059	40.266	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	1035506	54.602	ng	97
92) Benzo(g,h,i)perylene	17.104	276	975221	52.087	ng	97

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

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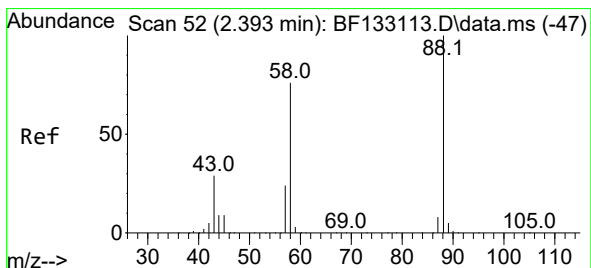
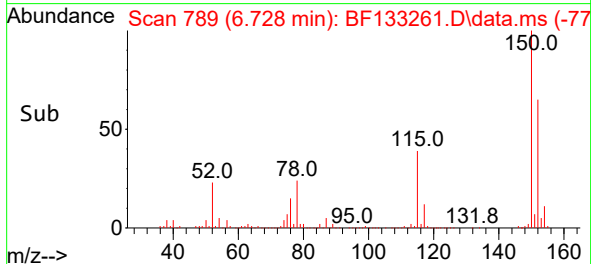
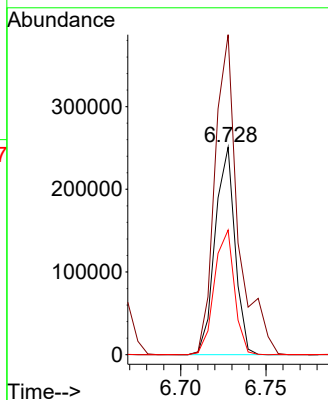
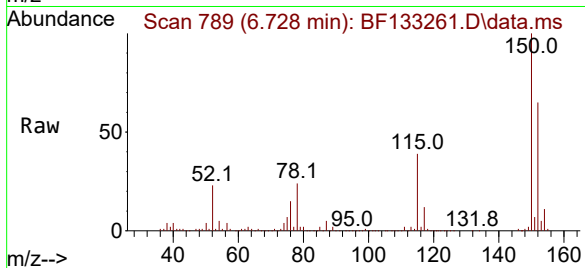




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133261.D
 Acq: 05 May 2023 13:29

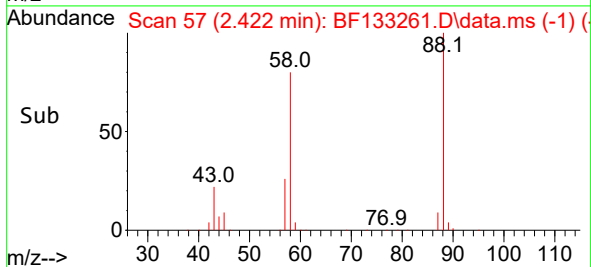
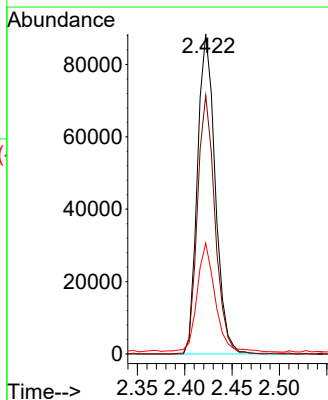
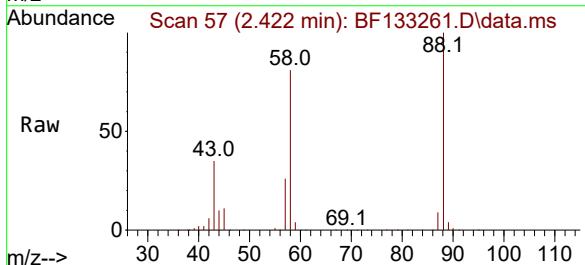
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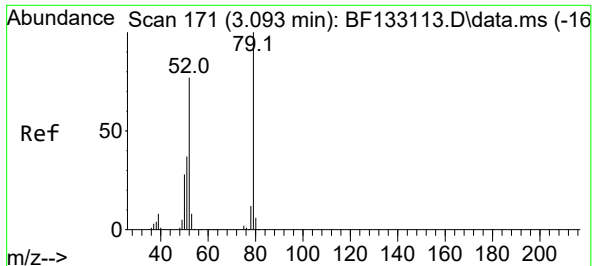
Tgt Ion:152 Resp: 203622
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.8 187.2
 115 60.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 18.446 ng
 RT: 2.422 min Scan# 57
 Delta R.T. 0.053 min
 Lab File: BF133261.D
 Acq: 05 May 2023 13:29

Tgt Ion: 88 Resp: 115331
 Ion Ratio Lower Upper
 88 100
 58 80.0 64.7 97.1
 43 34.5 26.2 39.2

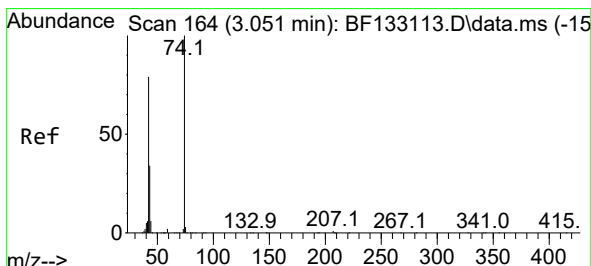
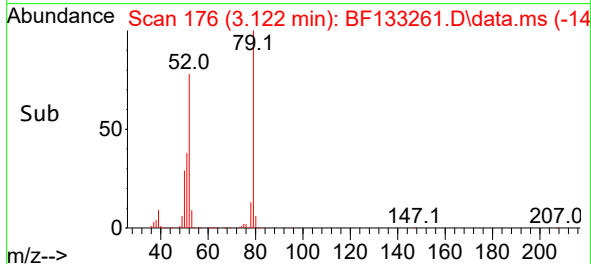
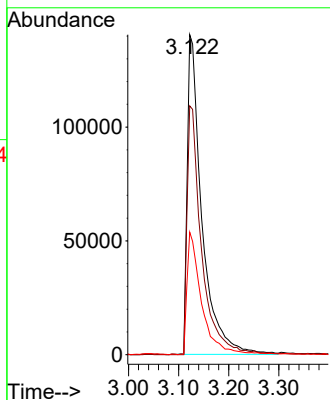
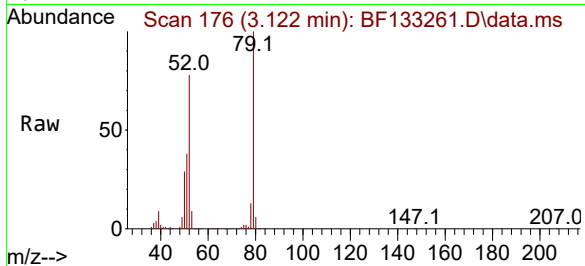




#3
Pyridine
Concen: 17.126 ng
RT: 3.122 min Scan# 171
Delta R.T. 0.059 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

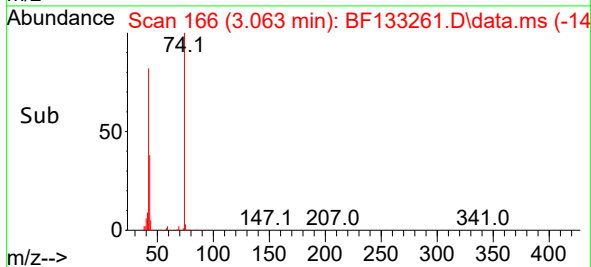
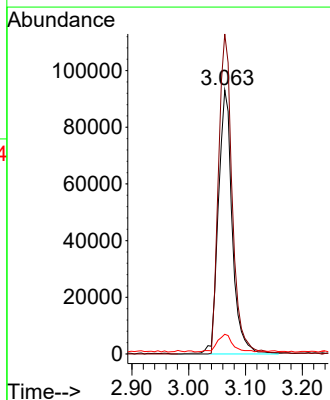
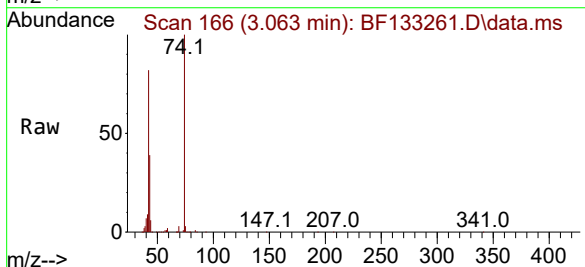
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

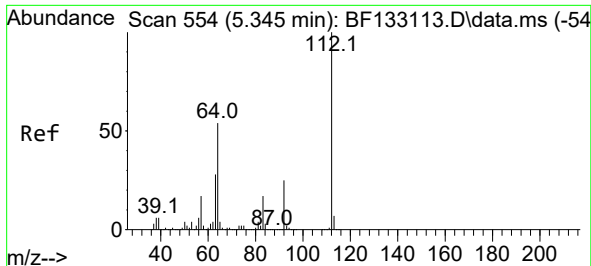
Tgt Ion: 79 Resp: 284393
Ion Ratio Lower Upper
79 100
52 77.8 64.6 96.8
51 38.3 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 18.429 ng
RT: 3.063 min Scan# 166
Delta R.T. 0.029 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 42 Resp: 158510
Ion Ratio Lower Upper
42 100
74 121.2 98.0 147.0
44 7.5 5.8 8.8

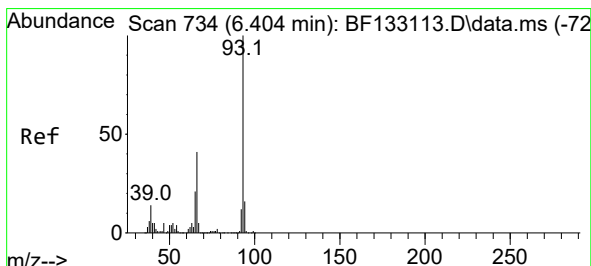
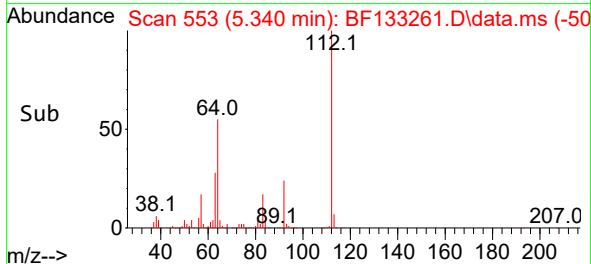
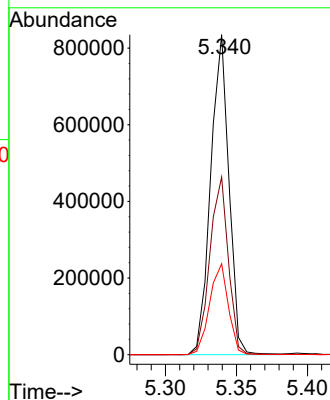
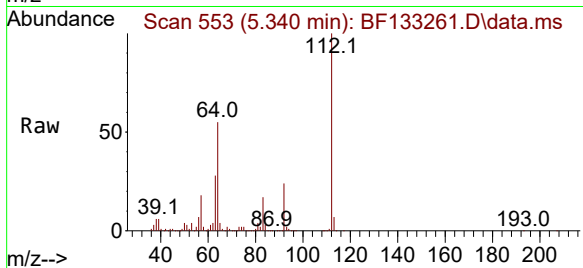




#5
2-Fluorophenol
Concen: 55.420 ng
RT: 5.340 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

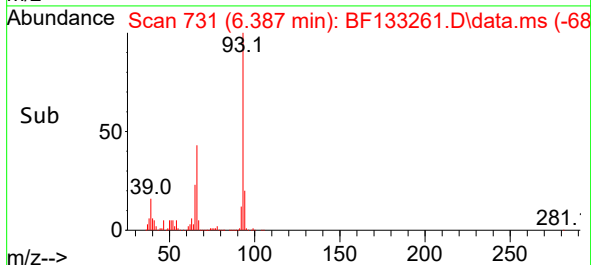
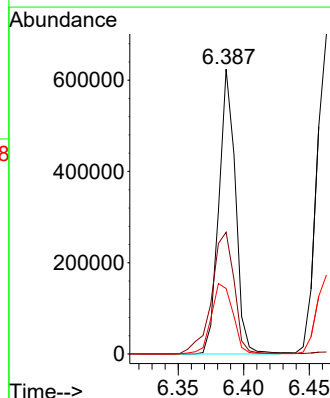
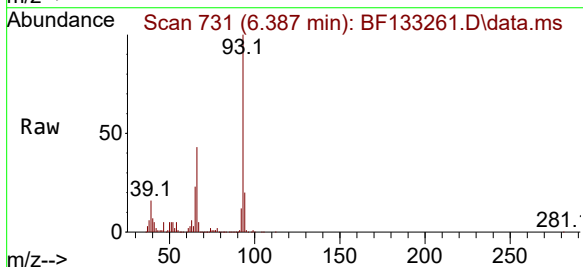
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ClientSampleId :
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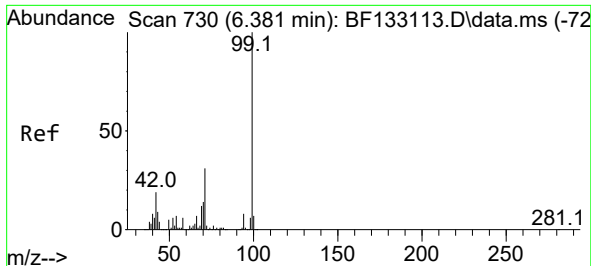
Tgt Ion:112 Resp: 747029
Ion Ratio Lower Upper
112 100
64 55.5 46.8 70.2
63 28.4 23.8 35.8



#6
Aniline
Concen: 25.486 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 93 Resp: 549193
Ion Ratio Lower Upper
93 100
66 42.8 31.5 47.3
65 23.0 16.4 24.6





#7

Phenol-d6

Concen: 34.829 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

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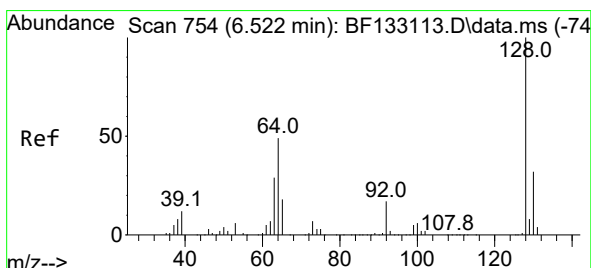
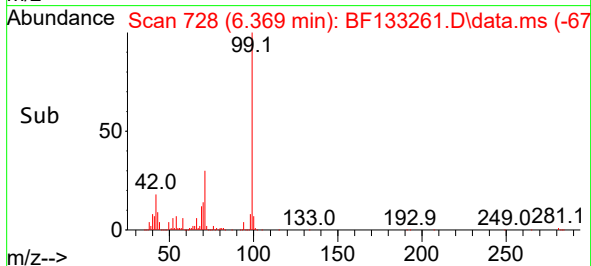
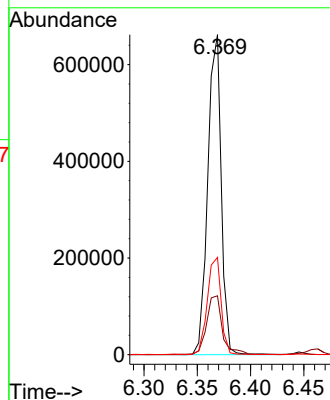
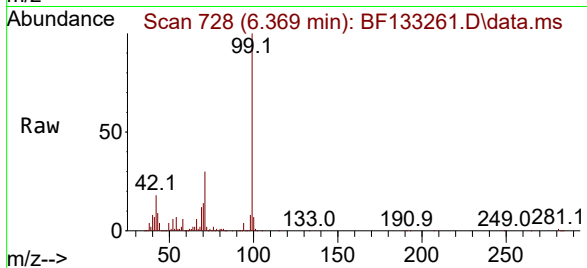
Tgt Ion: 99 Resp: 582715

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

71 30.4 25.6 38.4



#8

2-Chlorophenol

Concen: 36.019 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.006 min

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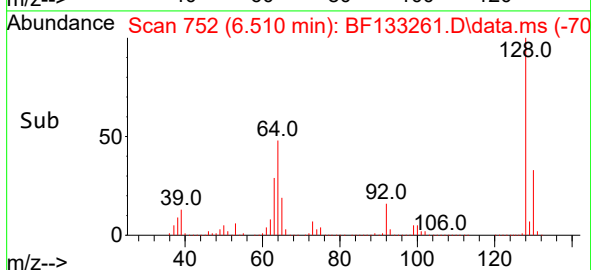
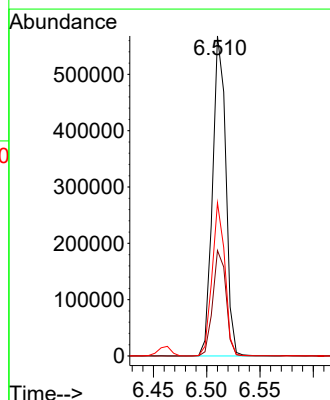
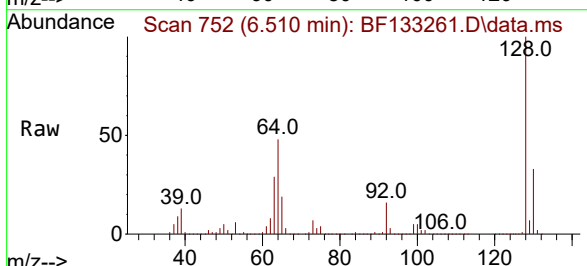
Tgt Ion:128 Resp: 492952

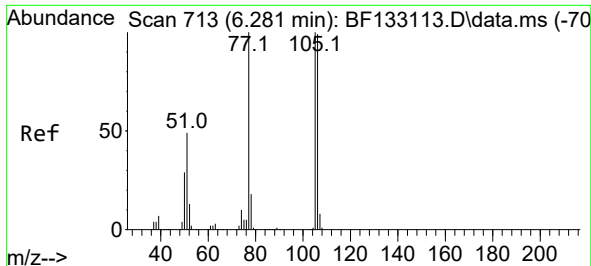
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 47.8 30.3 70.3

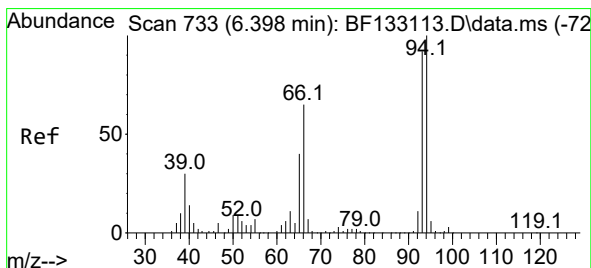
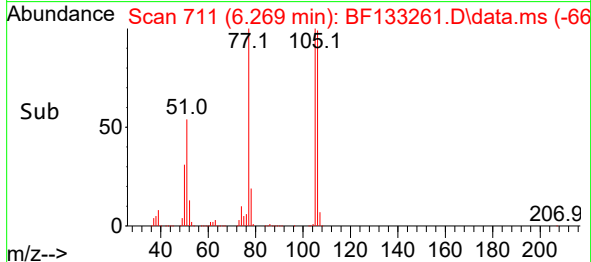
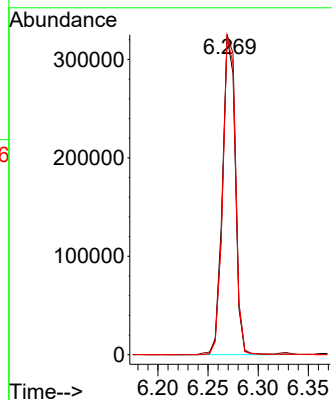
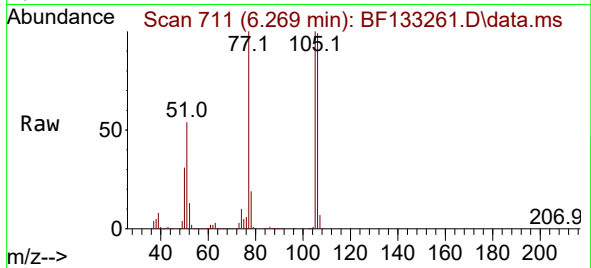




#9
Benzaldehyde
Concen: 35.591 ng
RT: 6.269 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

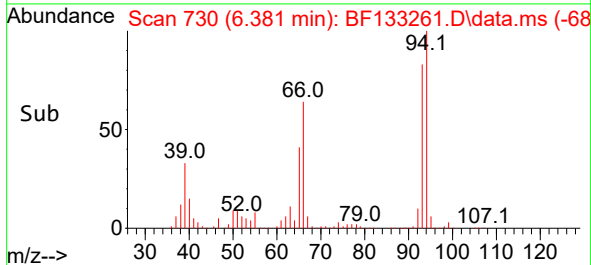
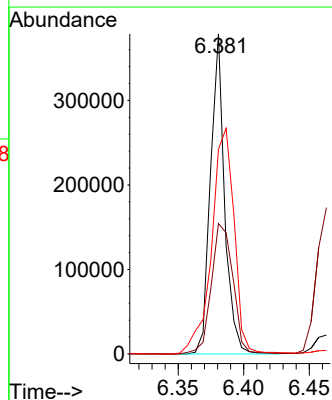
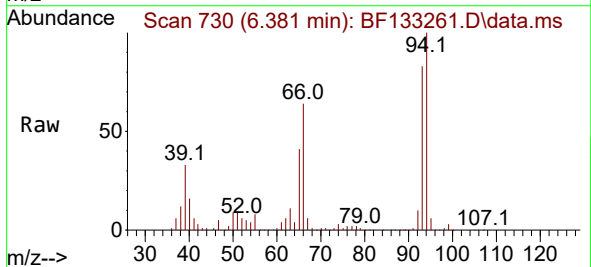
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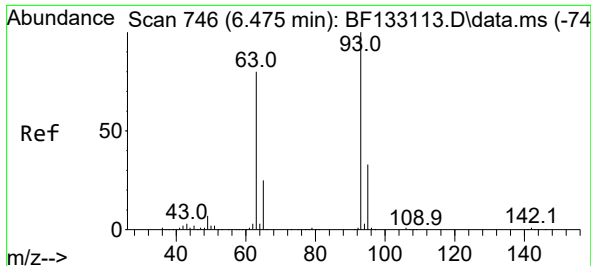
Tgt Ion: 77 Resp: 285916
Ion Ratio Lower Upper
77 100
105 100.4 82.3 122.3
106 99.7 80.8 120.8



#10
Phenol
Concen: 15.447 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 94 Resp: 285104
Ion Ratio Lower Upper
94 100
65 40.8 8.6 48.6
66 64.0 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 40.620 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

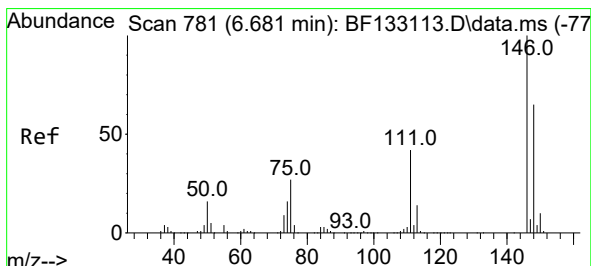
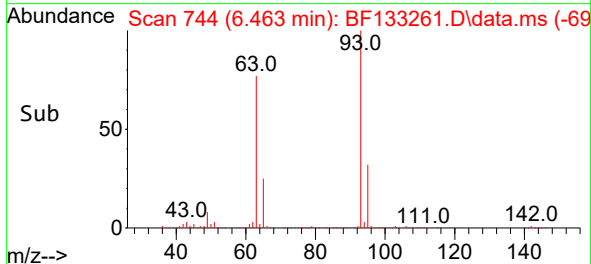
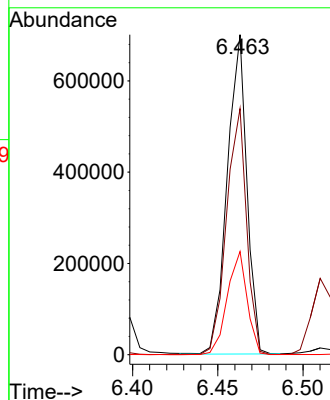
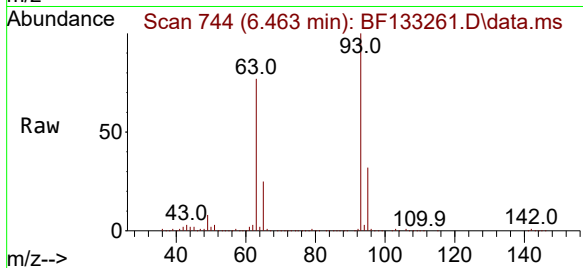
Tgt Ion: 93 Resp: 562602

Ion Ratio Lower Upper

93 100

63 76.9 60.6 100.6

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 34.560 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

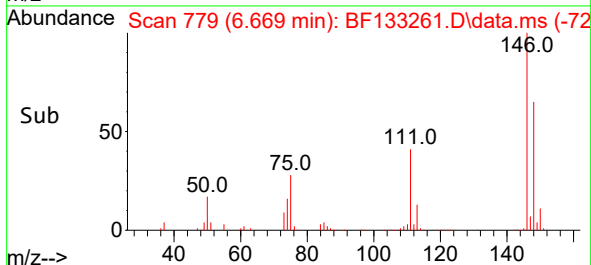
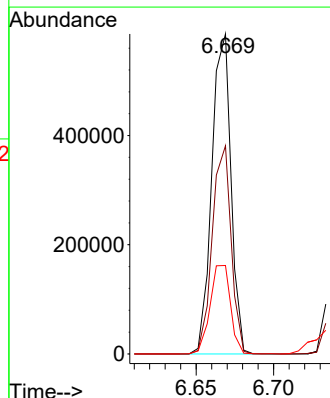
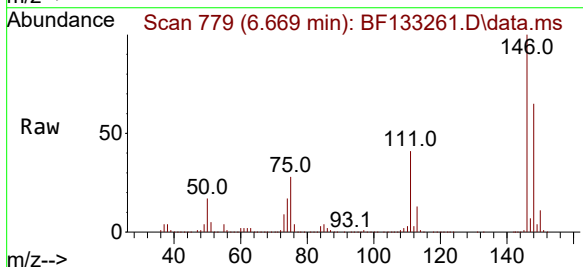
Tgt Ion:146 Resp: 502870

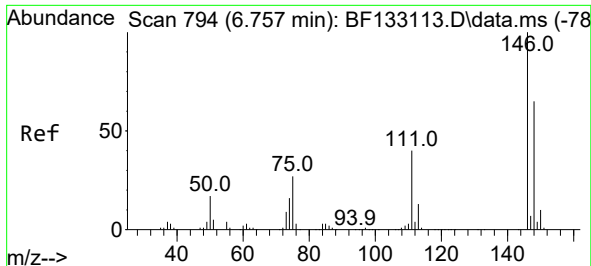
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.4

75 27.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 35.099 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

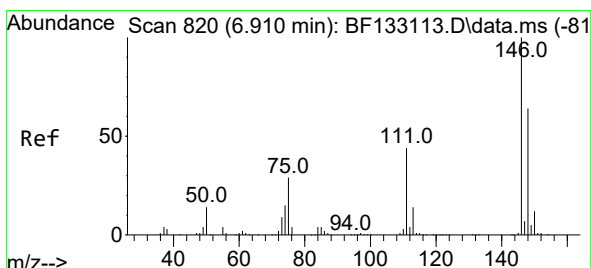
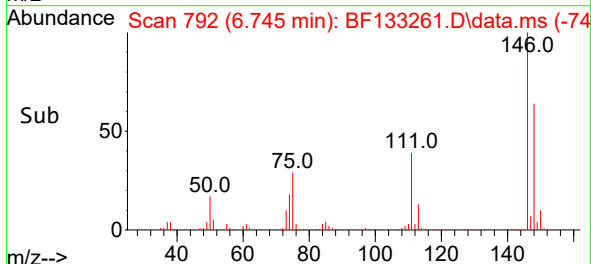
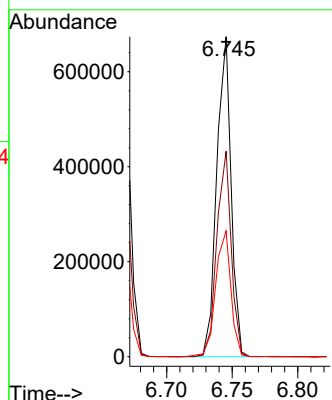
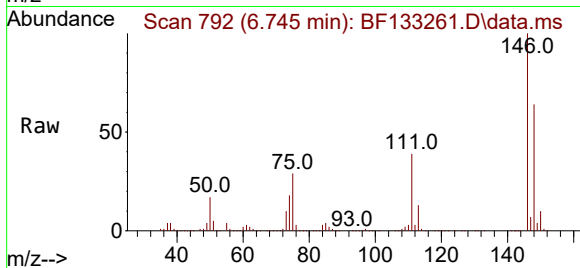
Tgt Ion:146 Resp: 511856

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 39.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 37.316 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

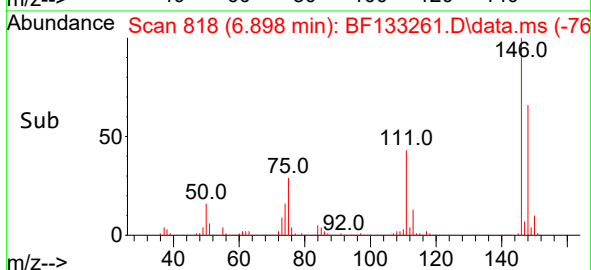
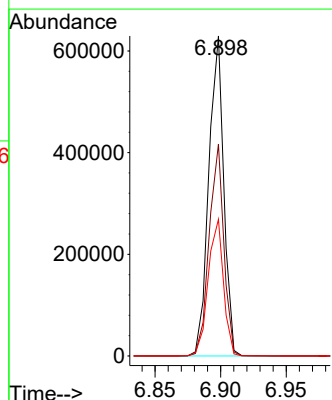
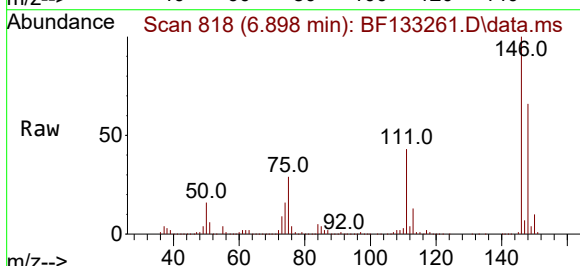
Tgt Ion:146 Resp: 501704

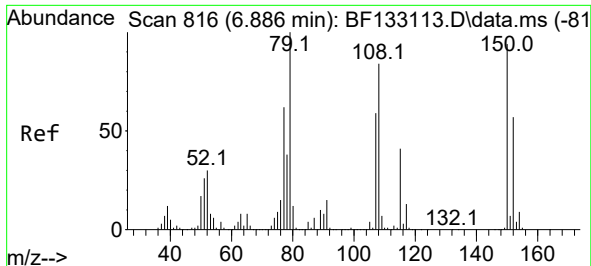
Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.2

111 42.7 32.8 49.2

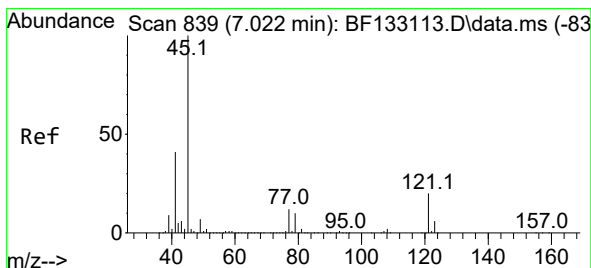
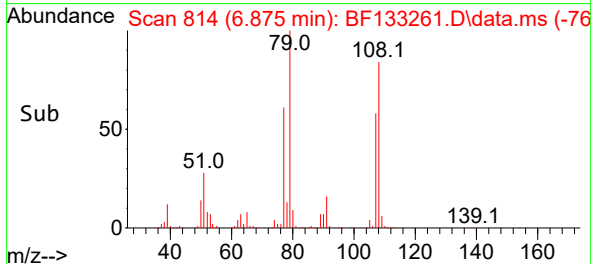
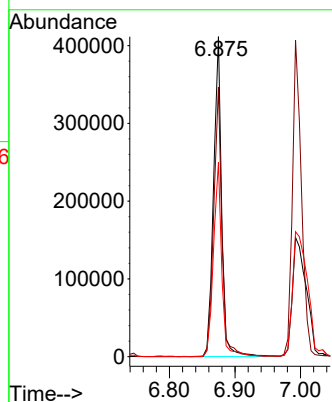
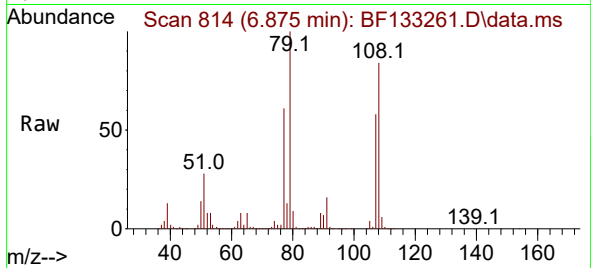




#15
Benzyl Alcohol
Concen: 30.613 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

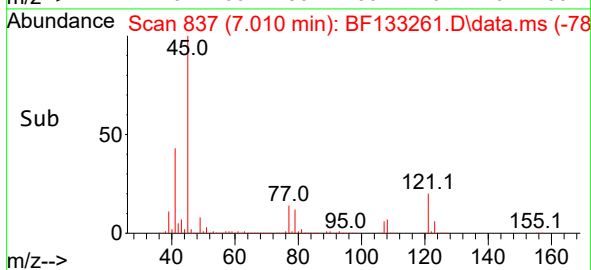
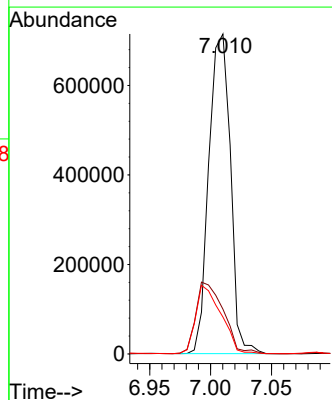
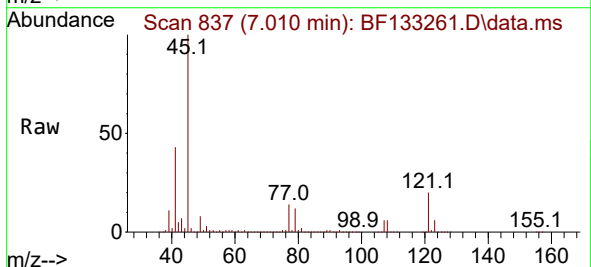
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

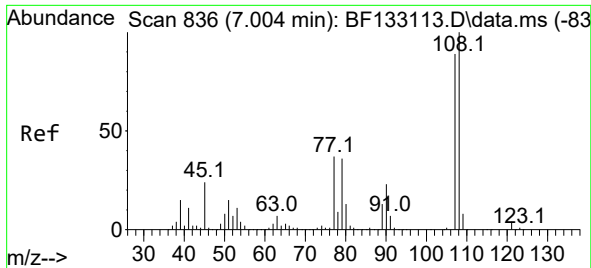
Tgt Ion: 79 Resp: 353795
Ion Ratio Lower Upper
79 100
108 84.2 66.6 99.8
77 60.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.640 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 45 Resp: 881439
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.5
79 11.6 0.0 28.7

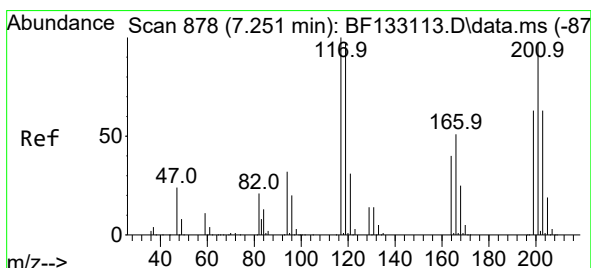
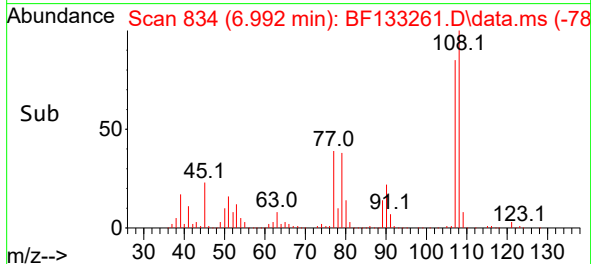
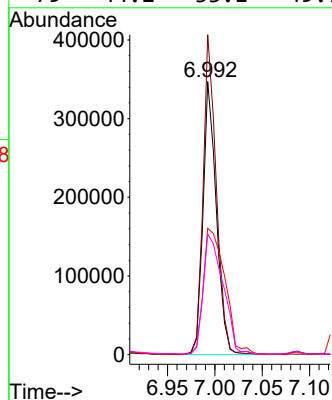
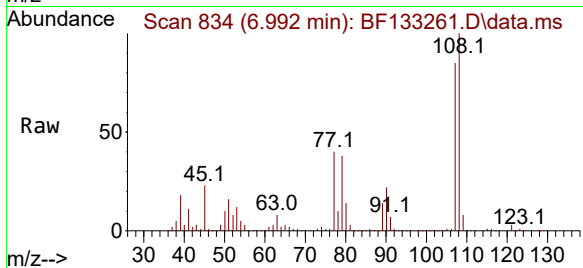




#17
2-Methylphenol
Concen: 27.093 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

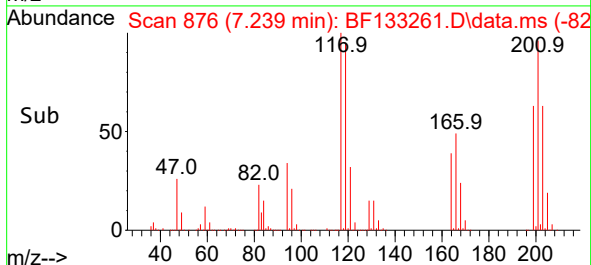
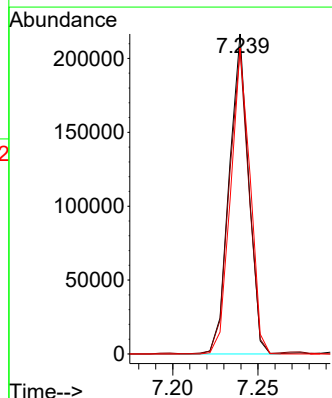
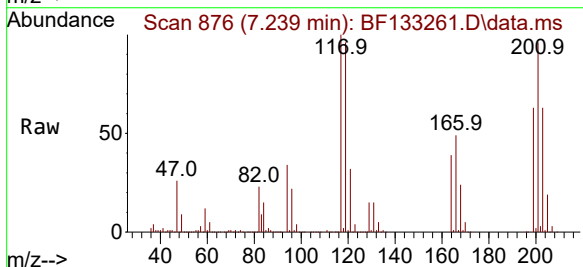
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

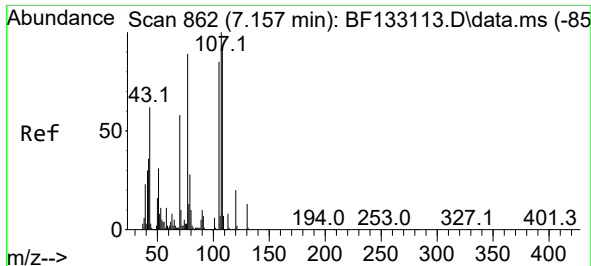
Tgt Ion:	107	Resp:	339536
Ion	Ratio	Lower	Upper
107	100		
108	117.2	92.4	138.6
77	46.3	33.8	50.8
79	44.2	33.1	49.7



#18
Hexachloroethane
Concen: 33.805 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:	117	Resp:	171394
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.4
201	95.6	81.7	122.5

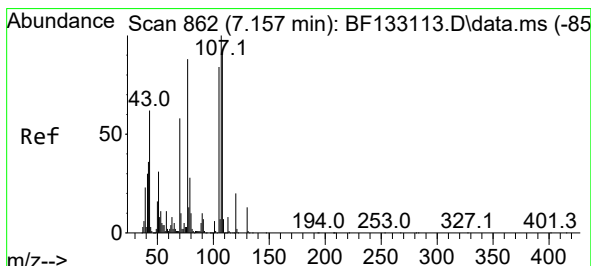
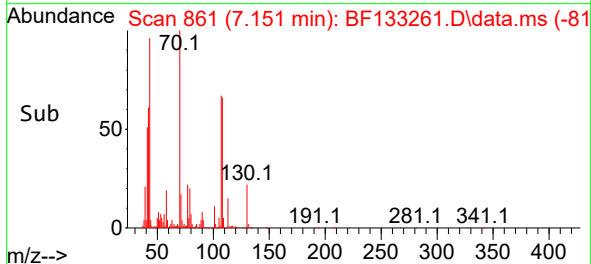
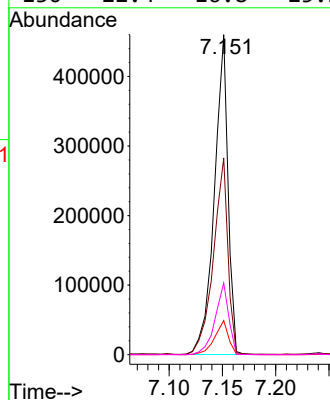
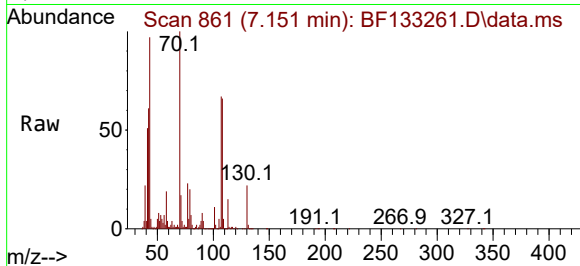




#19
n-Nitroso-di-n-propylamine
Concen: 39.259 ng
RT: 7.151 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

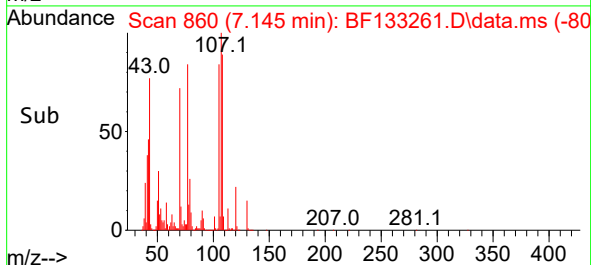
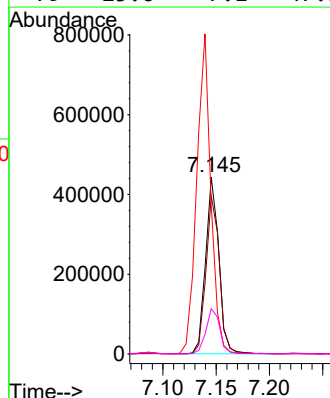
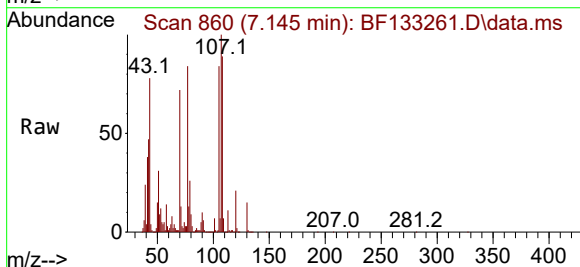
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

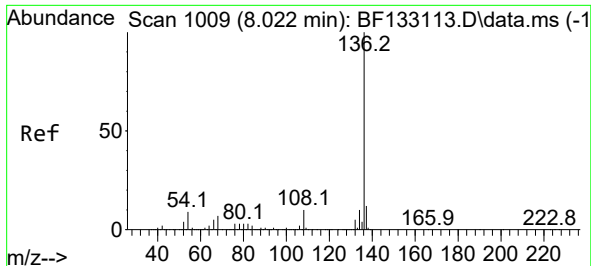
Tgt Ion: 70 Resp: 408912
Ion Ratio Lower Upper
70 100
42 61.5 51.8 77.6
101 10.6 8.0 12.0
130 22.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 25.940 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 107 Resp: 382831
Ion Ratio Lower Upper
107 100
108 89.4 70.5 110.5
77 84.3 91.7 131.7#
79 25.6 7.1 47.1

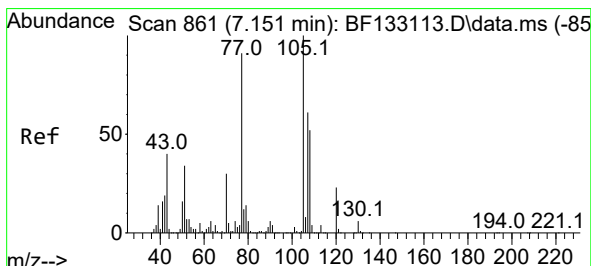
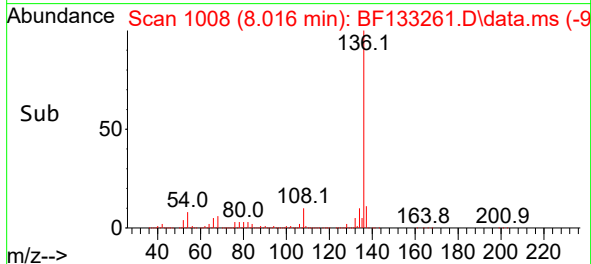
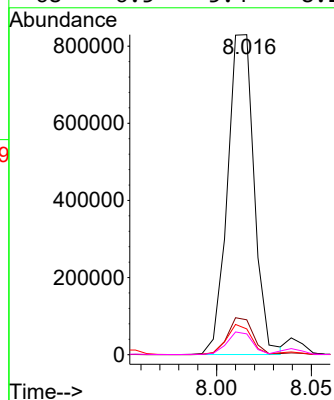
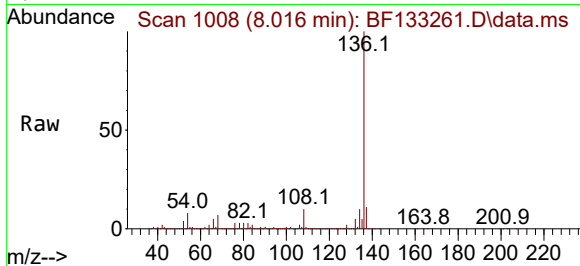




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

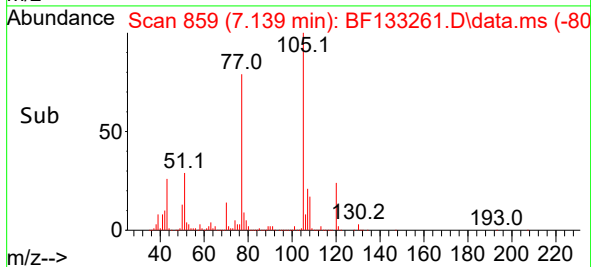
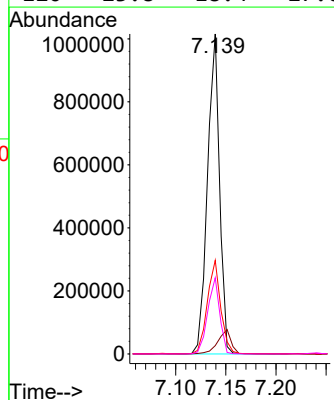
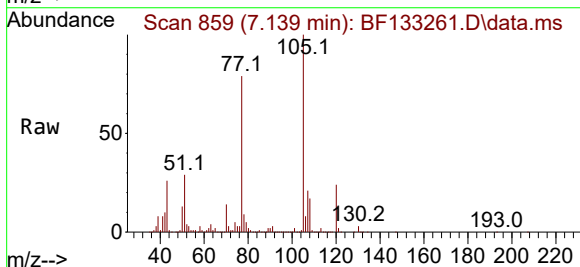
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

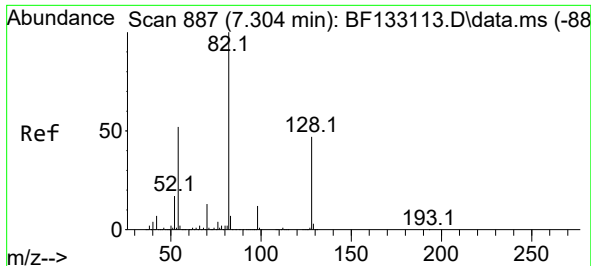
Tgt Ion:136 Resp: 810657
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.5 5.4 8.2



#22
Acetophenone
Concen: 45.476 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:105 Resp: 853980
Ion Ratio Lower Upper
105 100
71 2.6 4.6 7.0#
51 29.3 28.2 42.2
120 23.8 18.4 27.6





#23

Nitrobenzene-d5

Concen: 75.675 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

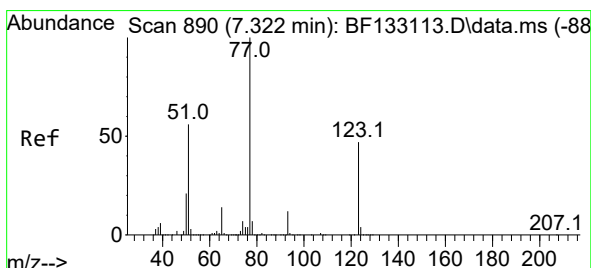
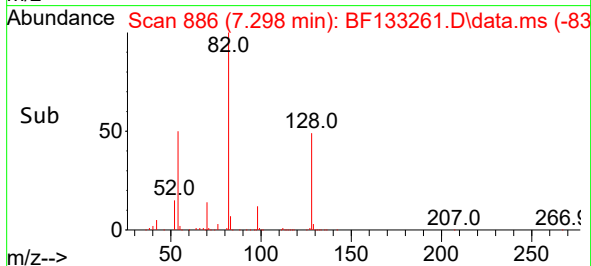
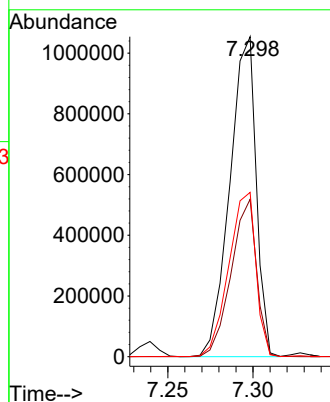
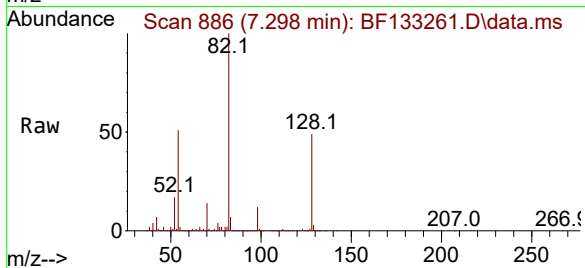
Tgt Ion: 82 Resp: 1136538

Ion Ratio Lower Upper

82 100

128 49.2 37.7 56.5

54 51.4 43.0 64.4



#24

Nitrobenzene

Concen: 40.024 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

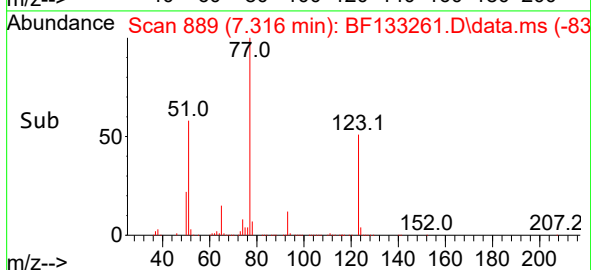
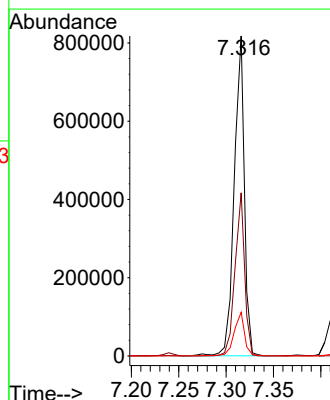
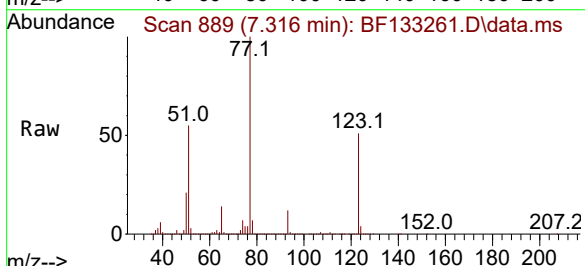
Tgt Ion: 77 Resp: 609115

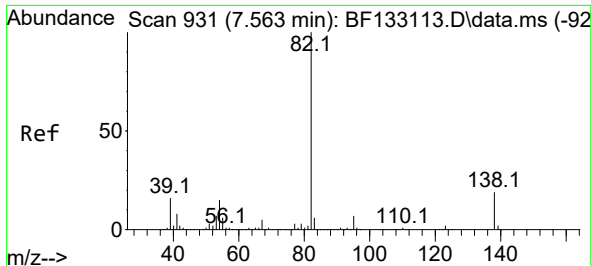
Ion Ratio Lower Upper

77 100

123 51.0 39.9 59.9

65 13.7 10.7 16.1





#25

Isophorone

Concen: 40.295 ng

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

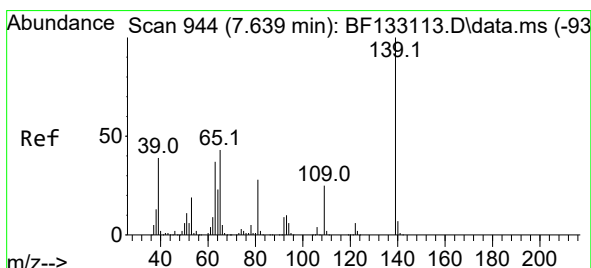
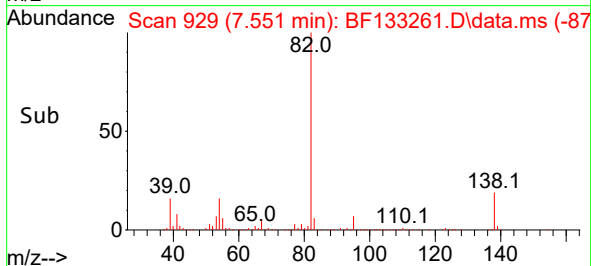
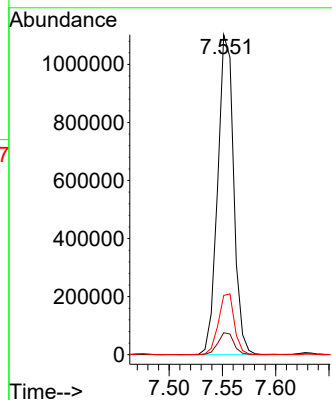
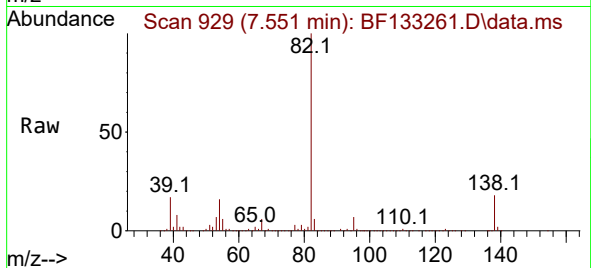
Tgt Ion: 82 Resp: 1149007

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 18.5 16.0 24.0



#26

2-Nitrophenol

Concen: 43.584 ng

RT: 7.628 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

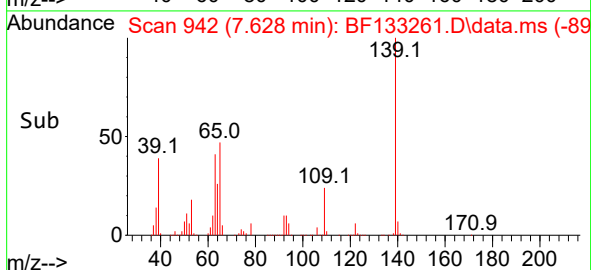
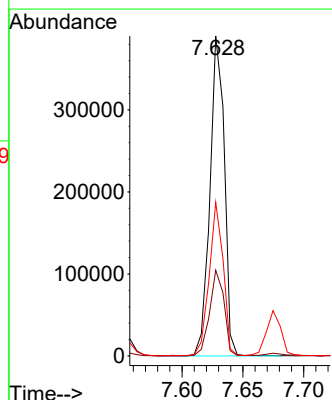
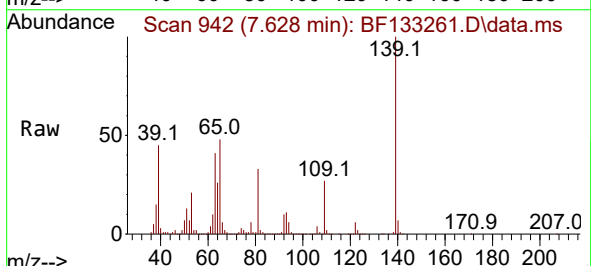
Tgt Ion:139 Resp: 319927

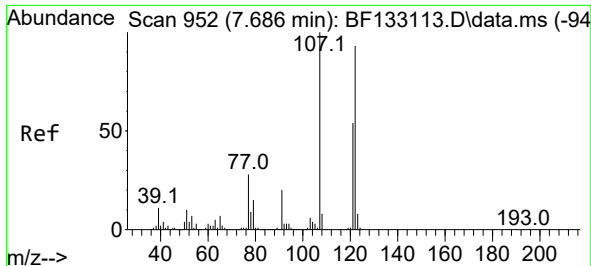
Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

65 48.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.993 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133261.D

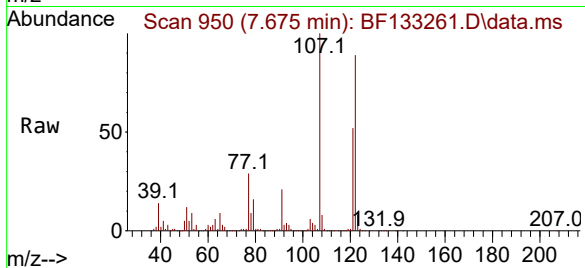
Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD



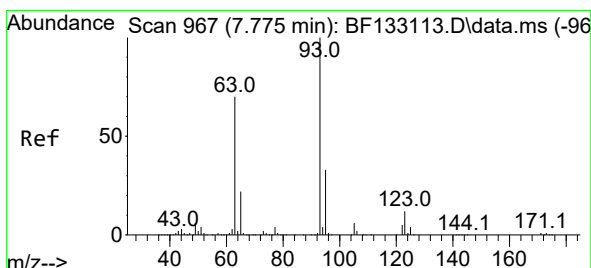
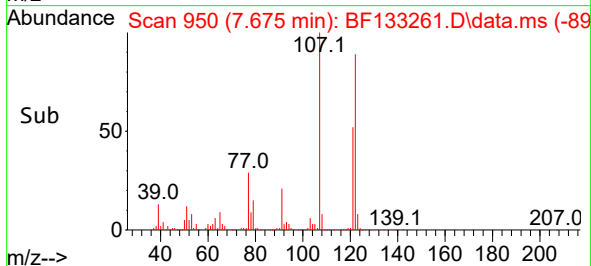
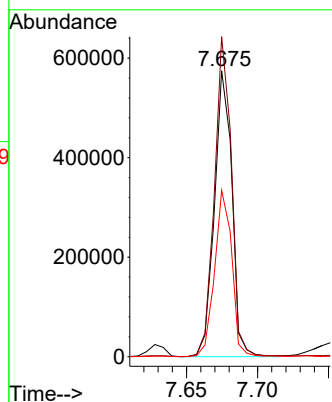
Tgt Ion:122 Resp: 490797

Ion Ratio Lower Upper

122 100

107 111.9 89.7 134.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.250 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

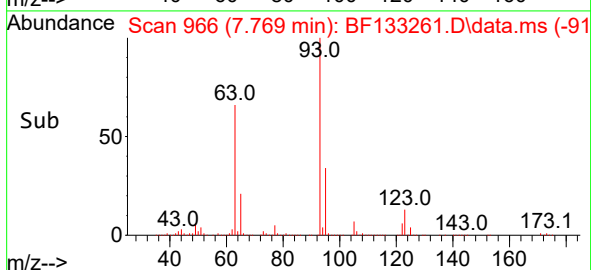
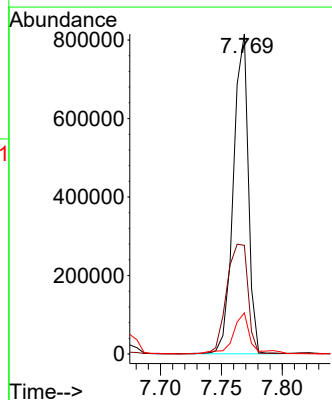
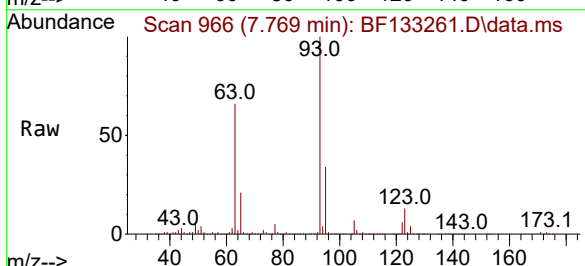
Tgt Ion: 93 Resp: 695862

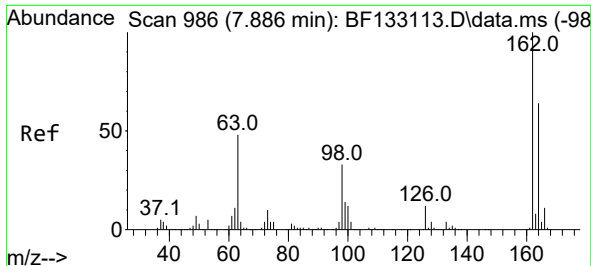
Ion Ratio Lower Upper

93 100

95 34.0 26.4 39.6

123 12.8 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 39.005 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

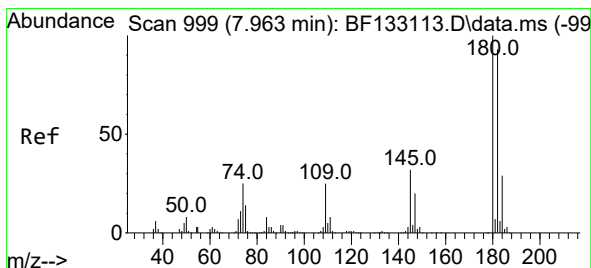
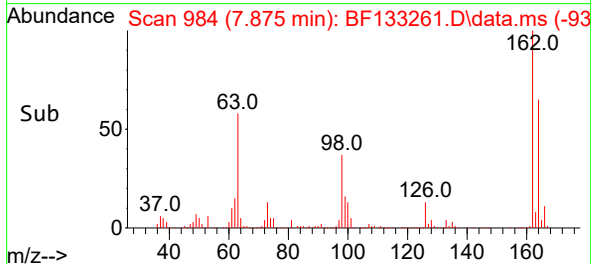
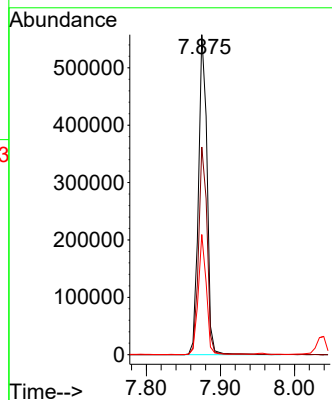
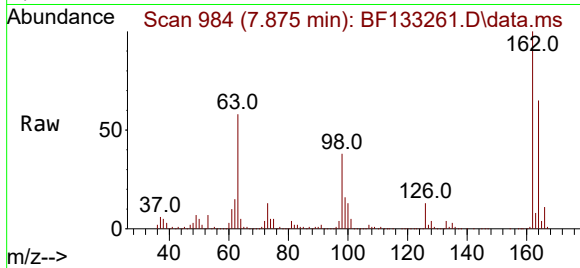
Tgt Ion:162 Resp: 446933

Ion Ratio Lower Upper

162 100

164 64.9 43.9 83.9

98 37.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.396 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

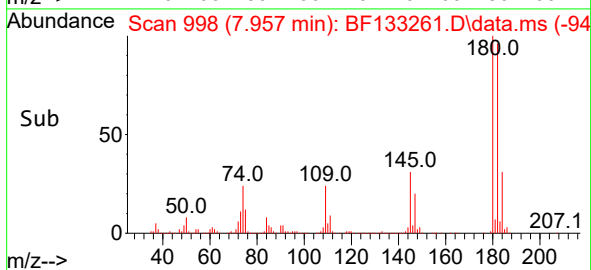
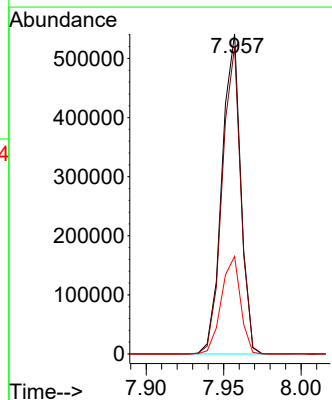
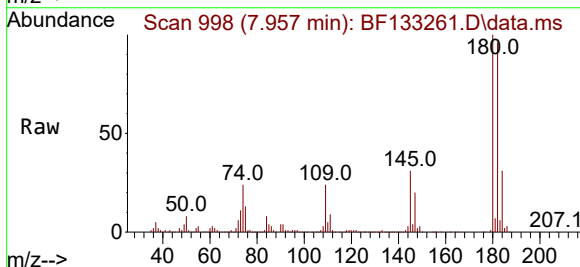
Tgt Ion:180 Resp: 455794

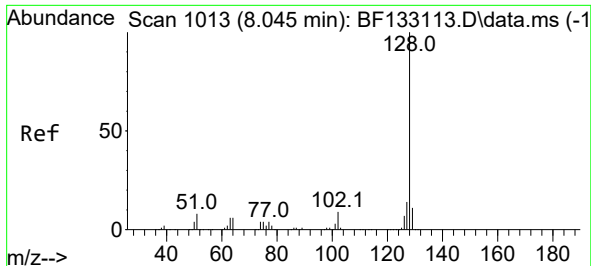
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 30.5 25.3 37.9

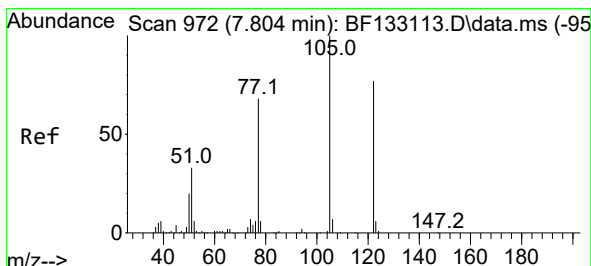
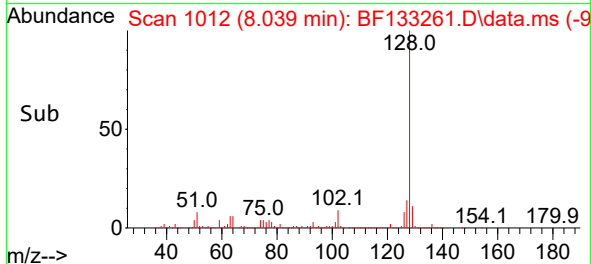
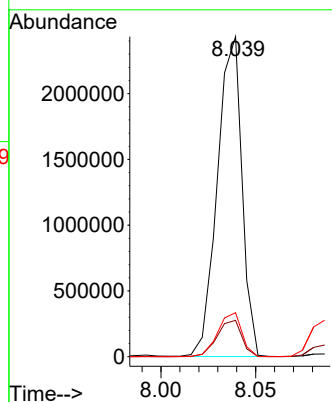
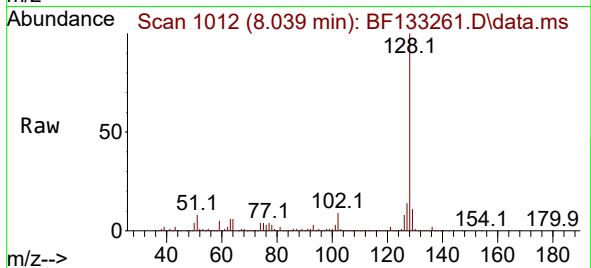




#31
Naphthalene
Concen: 54.238 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

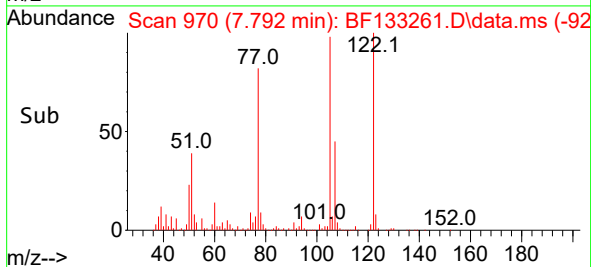
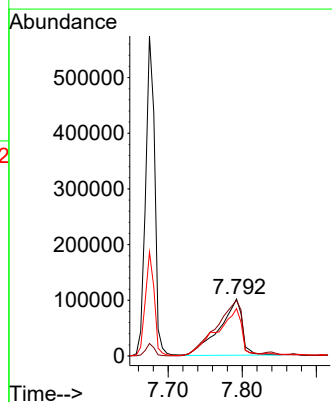
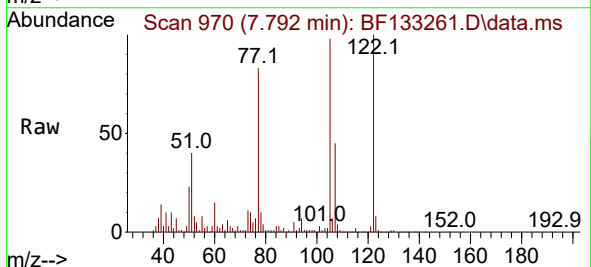
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

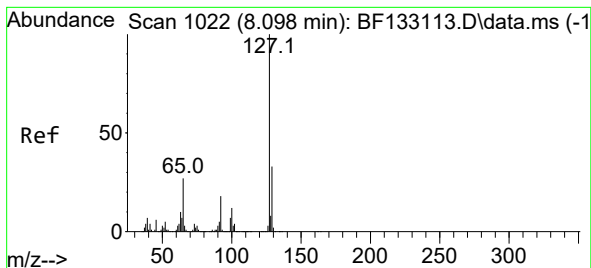
Tgt Ion:128 Resp: 2198275
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 27.975 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:122 Resp: 217500
Ion Ratio Lower Upper
122 100
105 97.9 104.2 144.2#
77 83.1 69.7 109.7





#33

4-Chloroaniline

Concen: 17.223 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

Tgt Ion:127 Resp: 282045

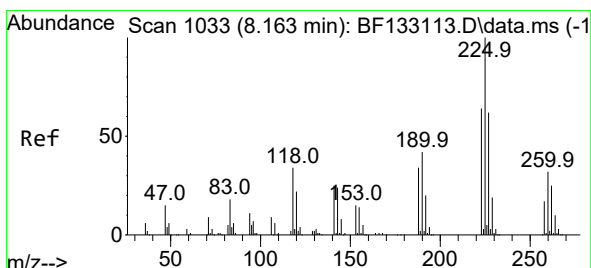
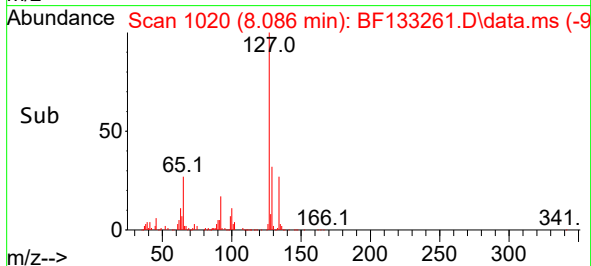
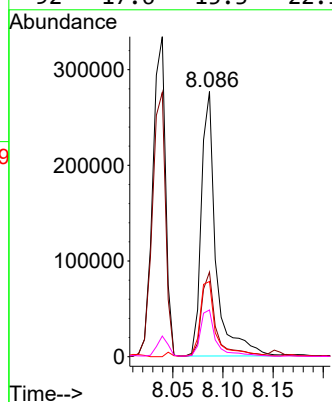
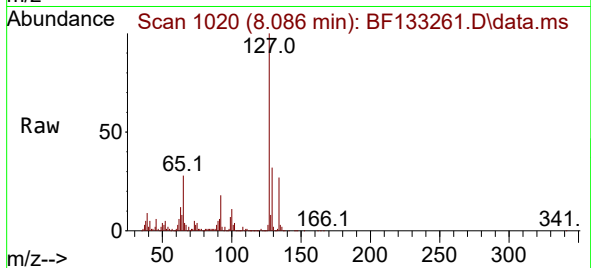
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 28.3 23.6 35.4

92 17.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 35.756 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

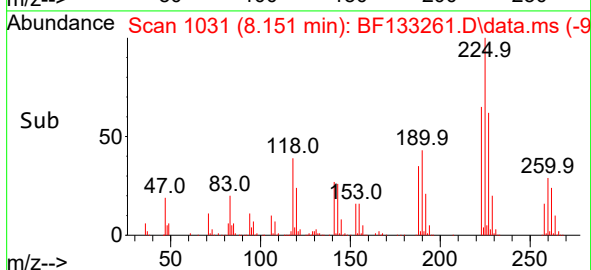
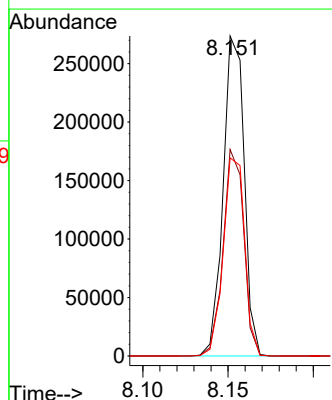
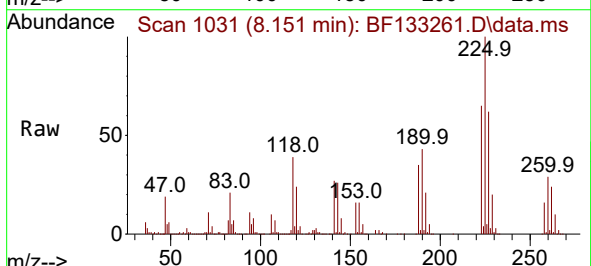
Tgt Ion:225 Resp: 235248

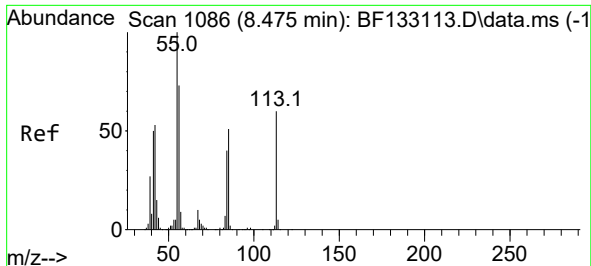
Ion Ratio Lower Upper

225 100

223 64.5 50.9 76.3

227 61.9 50.3 75.5





#35

Caprolactam

Concen: 5.710 ng

RT: 8.522 min Scan# 1102

Delta R.T. 0.059 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

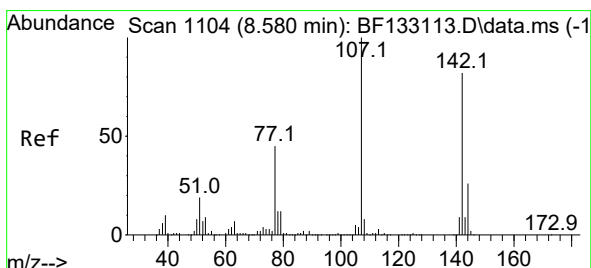
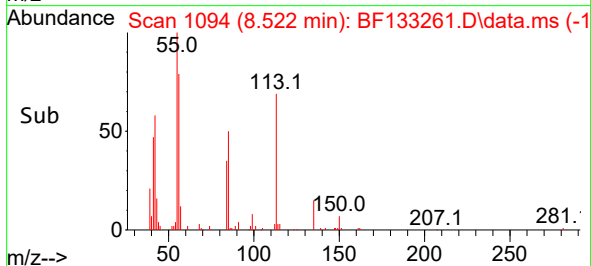
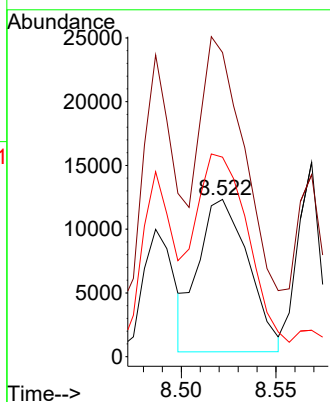
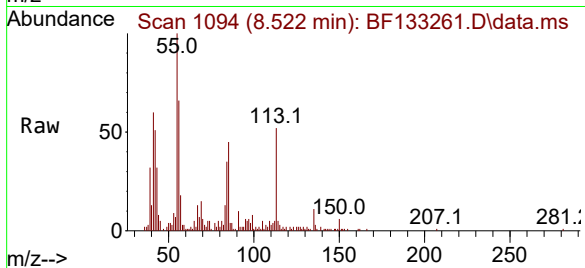
Tgt Ion:113 Resp: 21981

Ion Ratio Lower Upper

113 100

55 193.4 167.1 207.1

56 127.0 114.5 154.5



#36

4-Chloro-3-methylphenol

Concen: 35.991 ng

RT: 8.569 min Scan# 1102

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

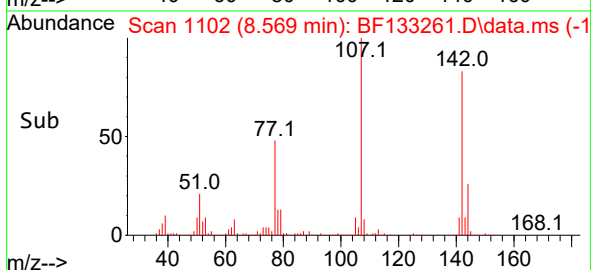
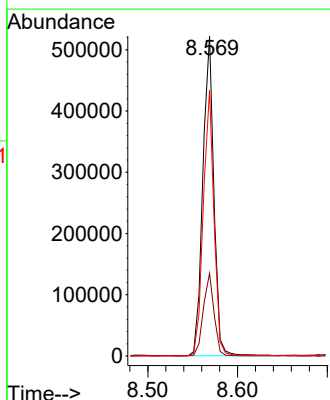
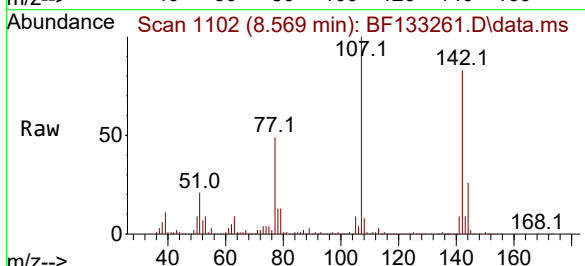
Tgt Ion:107 Resp: 444717

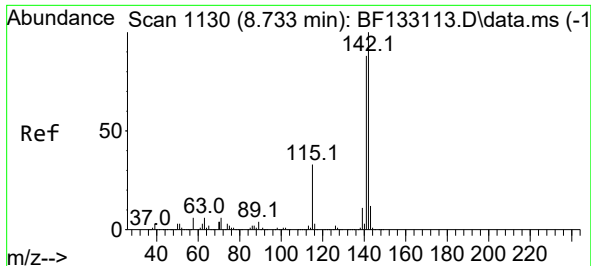
Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 83.0 62.8 94.2

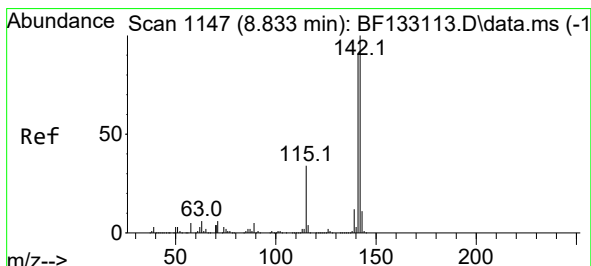
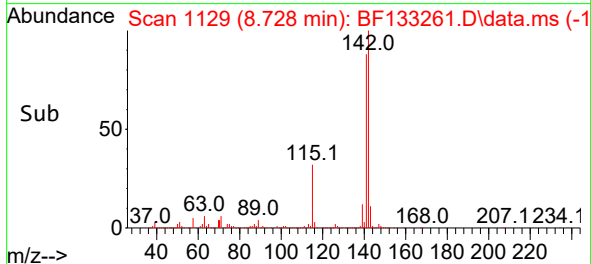
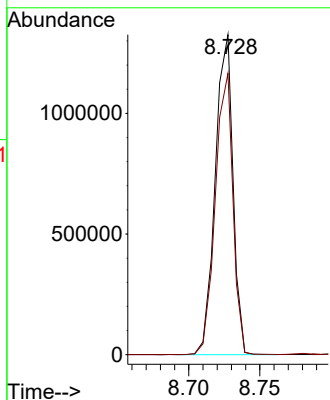
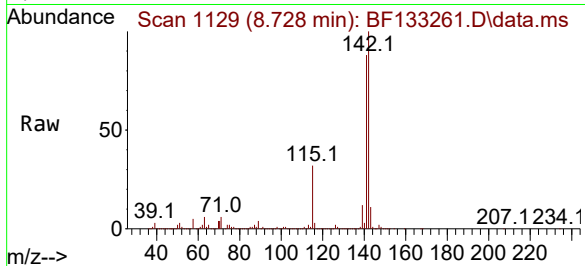




#37
2-Methylnaphthalene
Concen: 41.454 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

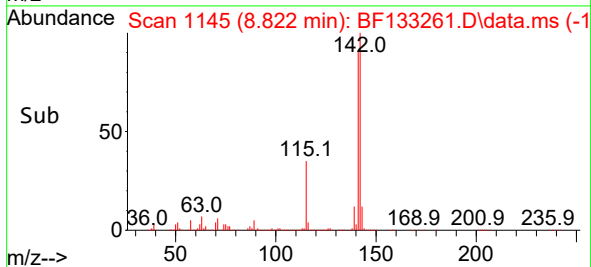
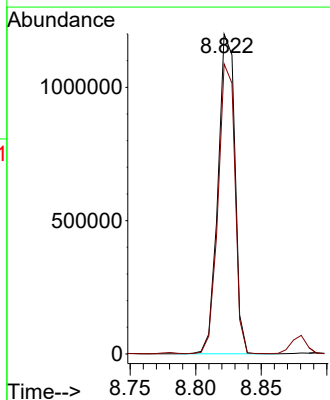
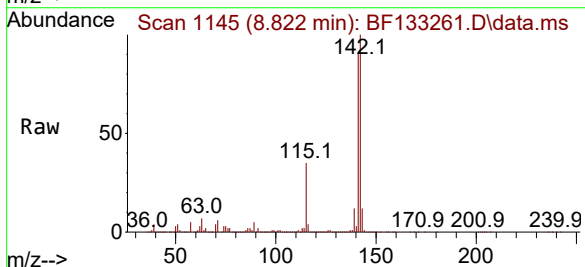
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

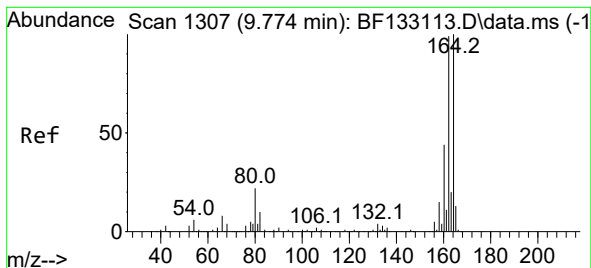
Tgt Ion:142 Resp: 1148678
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.467 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:142 Resp: 1074913
Ion Ratio Lower Upper
142 100
141 90.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

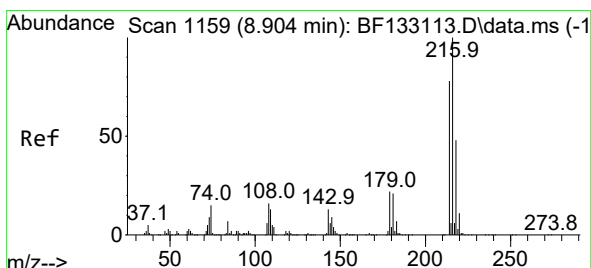
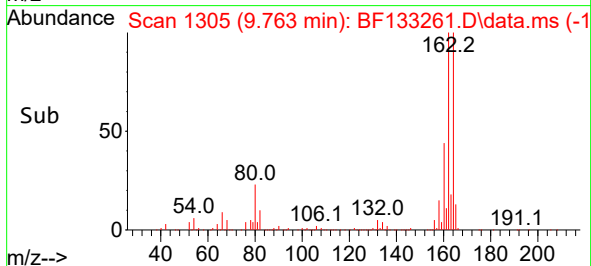
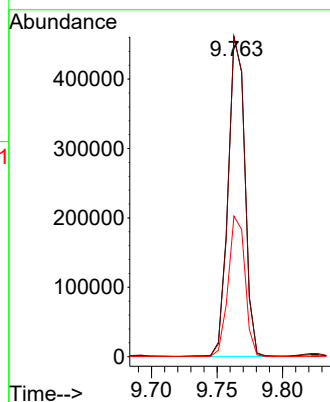
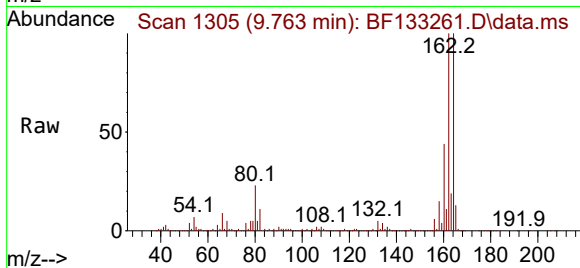
Tgt Ion:164 Resp: 408794

Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

160 43.9 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.609 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Tgt Ion:216 Resp: 435353

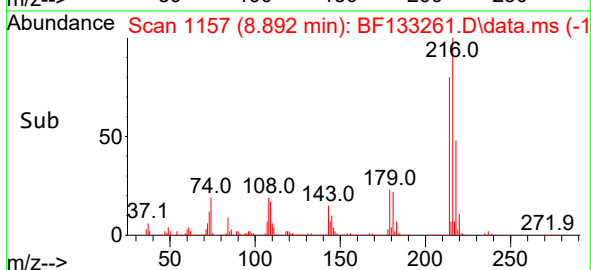
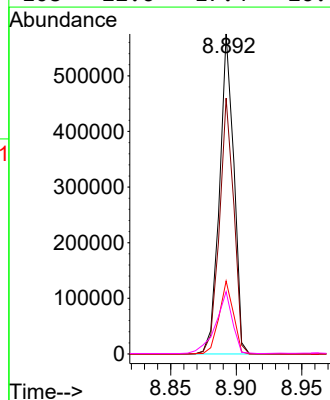
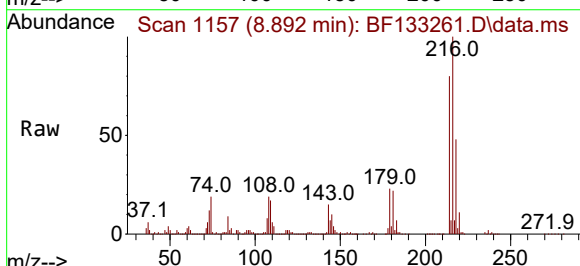
Ion Ratio Lower Upper

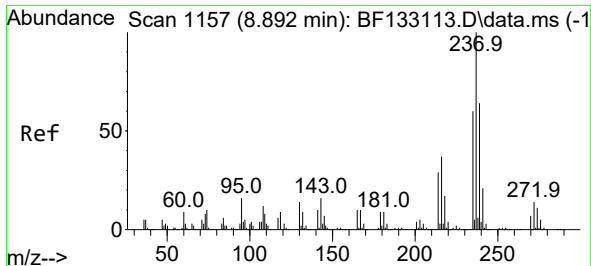
216 100

214 79.6 63.5 95.3

179 22.6 17.4 26.2

108 22.6 17.4 26.0

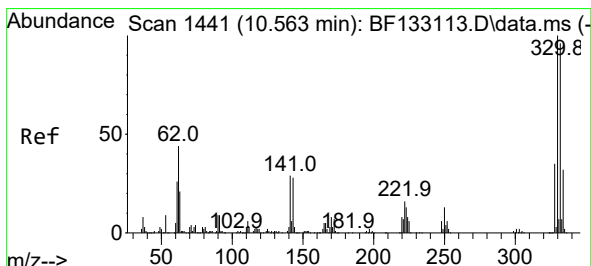
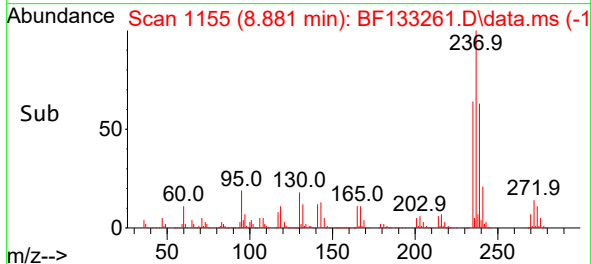
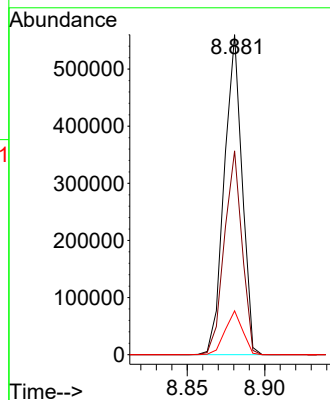
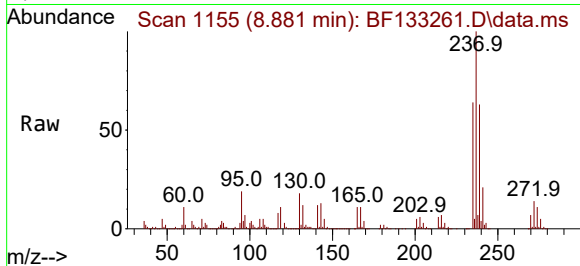




#41
Hexachlorocyclopentadiene
Concen: 69.784 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

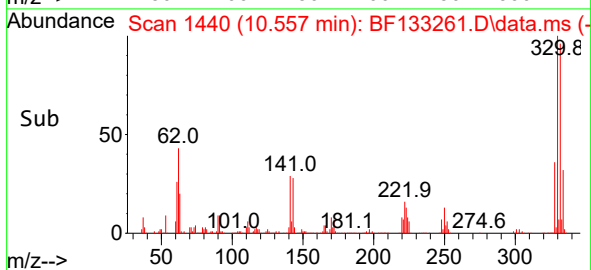
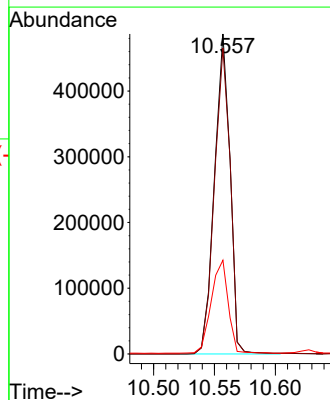
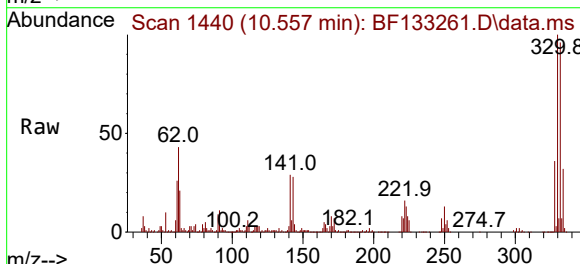
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

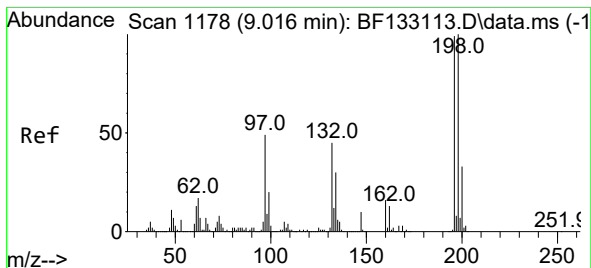
Tgt Ion: 237 Resp: 447327
Ion Ratio Lower Upper
237 100
235 63.7 43.5 83.5
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 104.806 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 330 Resp: 430880
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 32.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.211 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

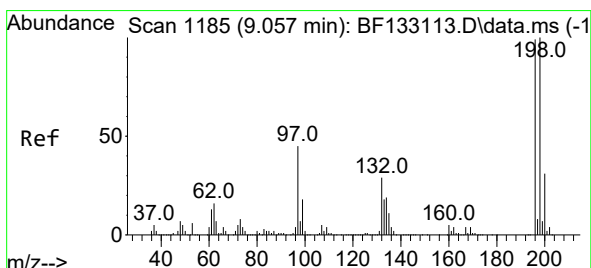
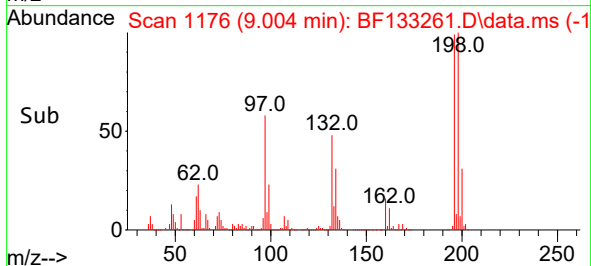
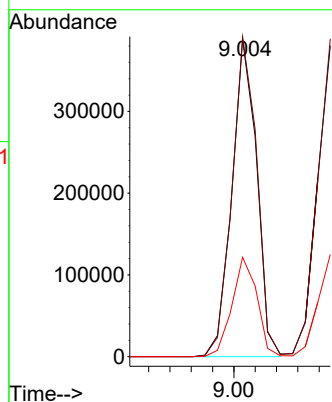
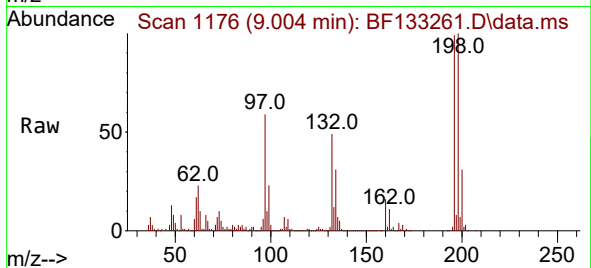
Tgt Ion:196 Resp: 313258

Ion Ratio Lower Upper

196 100

198 100.8 81.0 121.6

200 31.3 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 37.707 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Tgt Ion:196 Resp: 331487

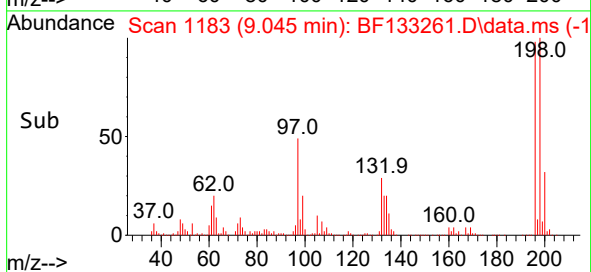
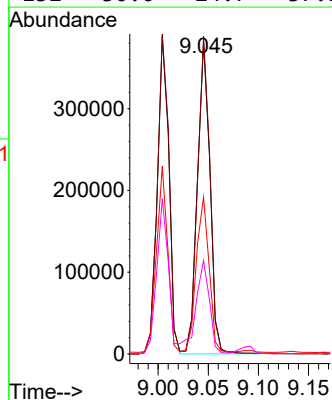
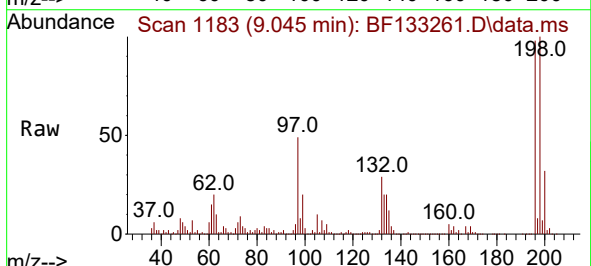
Ion Ratio Lower Upper

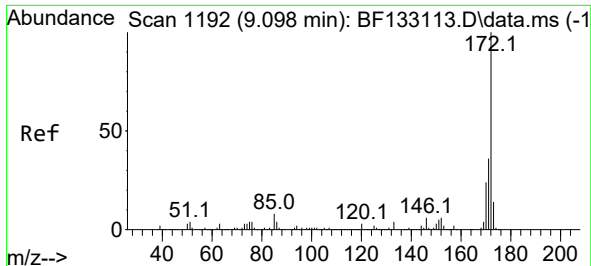
196 100

198 102.2 80.9 121.3

97 50.5 41.3 61.9

132 30.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 71.797 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

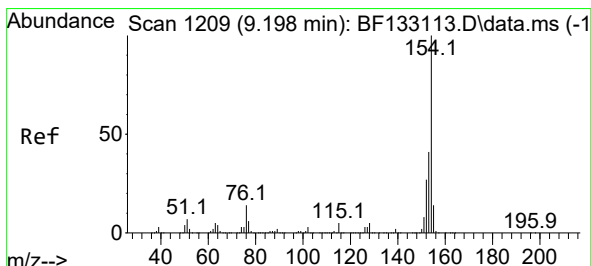
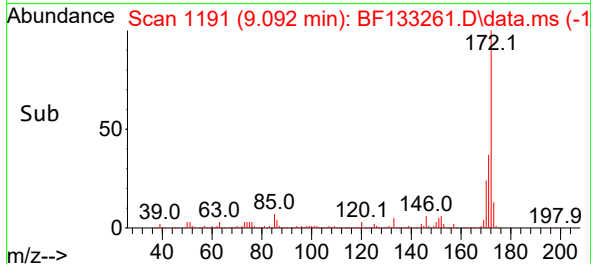
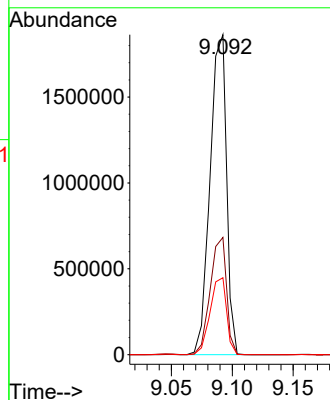
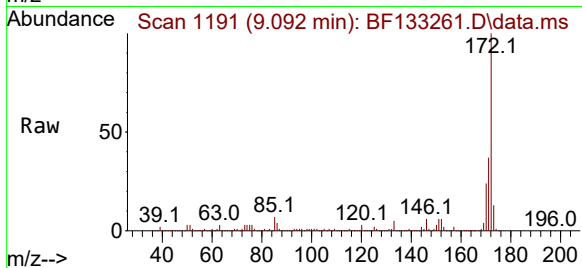
Tgt Ion:172 Resp: 1754339

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 40.864 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

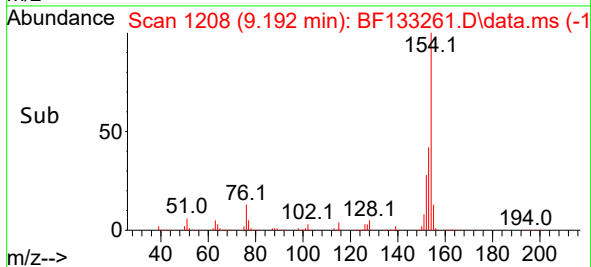
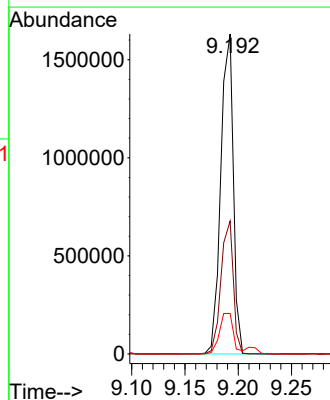
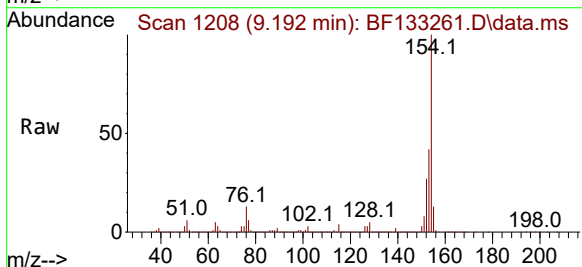
Tgt Ion:154 Resp: 1324620

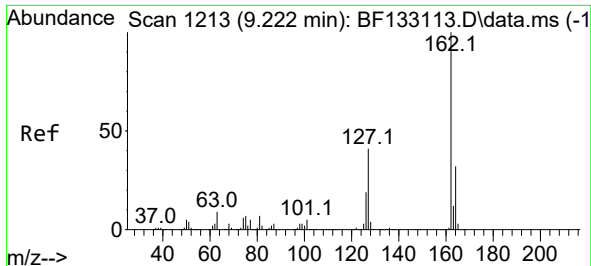
Ion Ratio Lower Upper

154 100

153 41.6 21.0 61.0

76 12.6 0.0 34.5

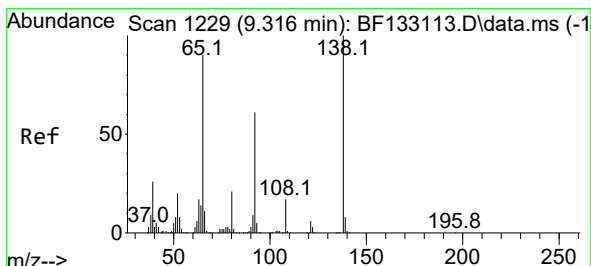
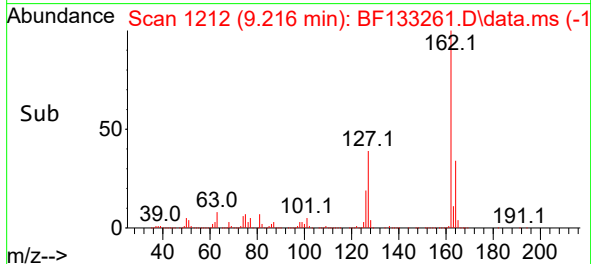
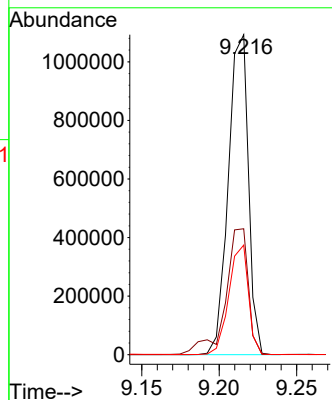
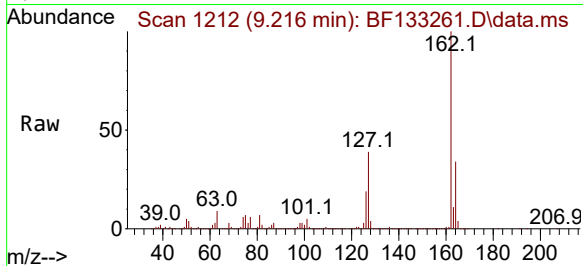




#47
2-Chloronaphthalene
Concen: 41.586 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

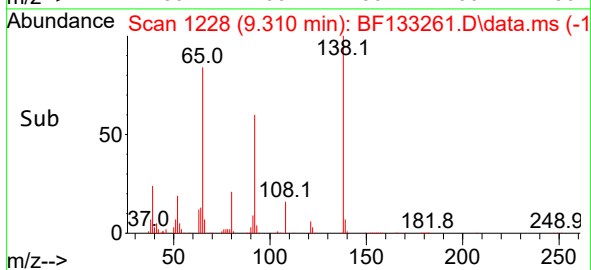
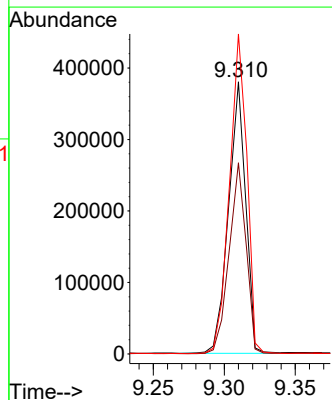
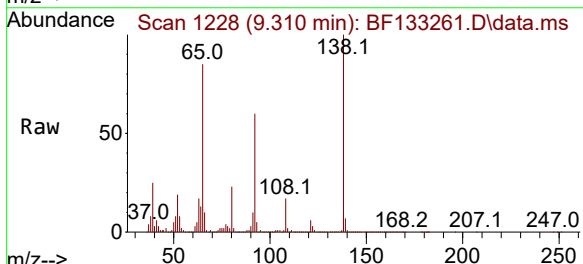
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

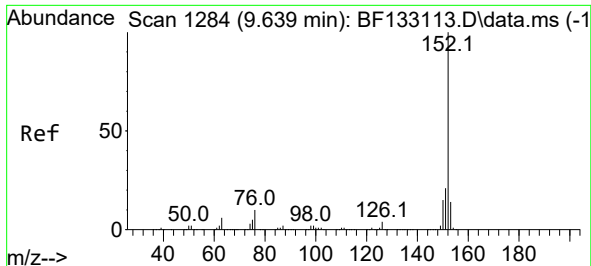
Tgt Ion:162 Resp: 986676
Ion Ratio Lower Upper
162 100
127 39.3 32.3 48.5
164 34.3 26.8 40.2



#48
2-Nitroaniline
Concen: 40.743 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 65 Resp: 319479
Ion Ratio Lower Upper
65 100
92 70.2 55.4 83.0
138 117.6 98.2 147.2





#49

Acenaphthylene

Concen: 40.371 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

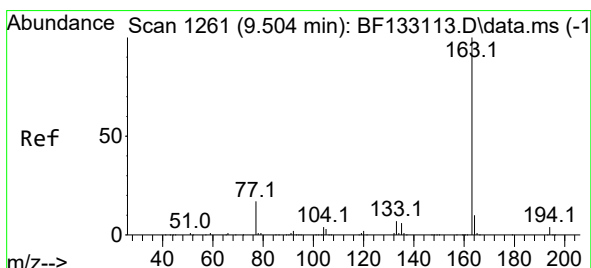
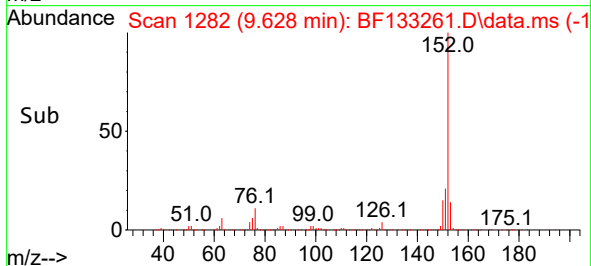
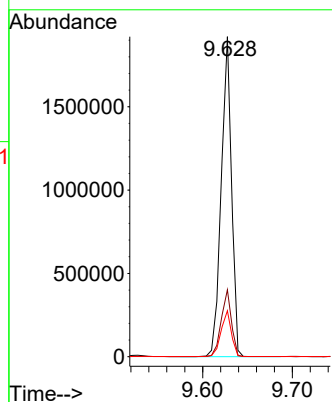
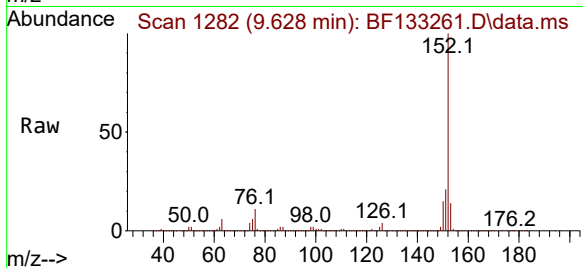
Tgt Ion:152 Resp: 1530496

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.4 11.5 17.3



#50

Dimethylphthalate

Concen: 41.428 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

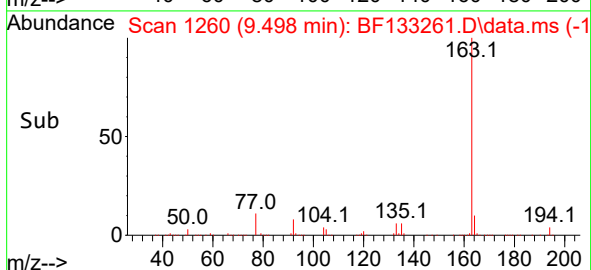
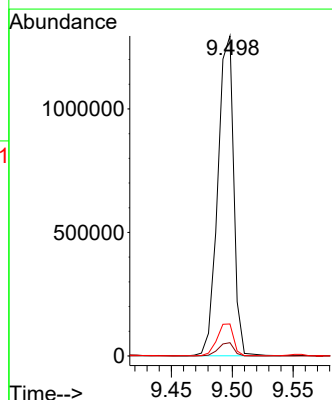
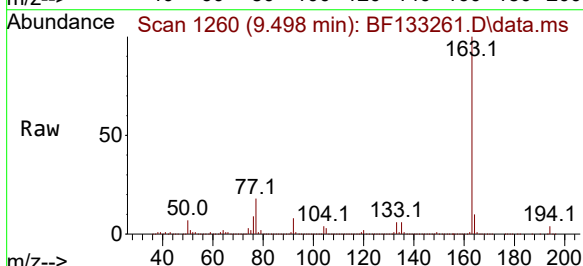
Tgt Ion:163 Resp: 1180878

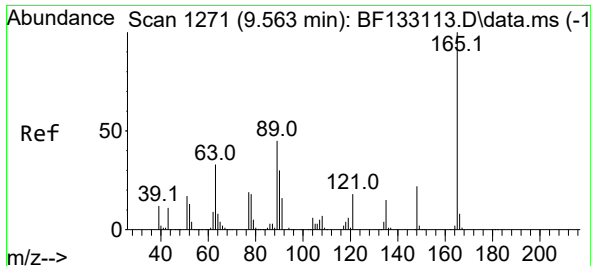
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.5 12.7

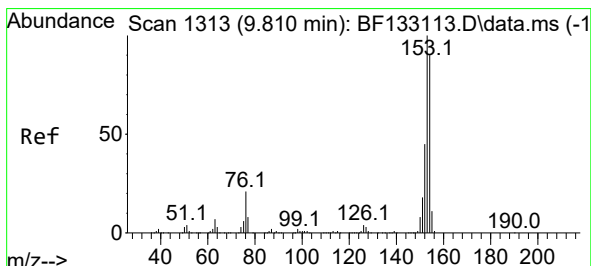
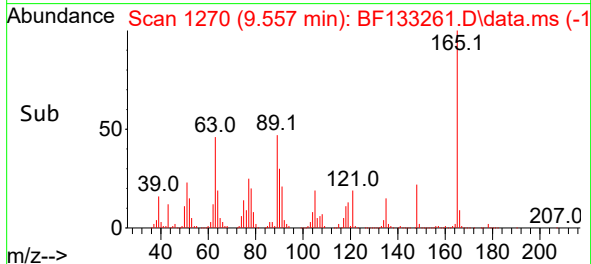
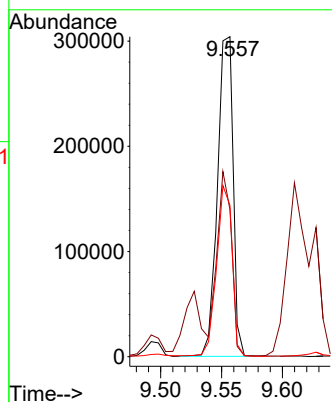
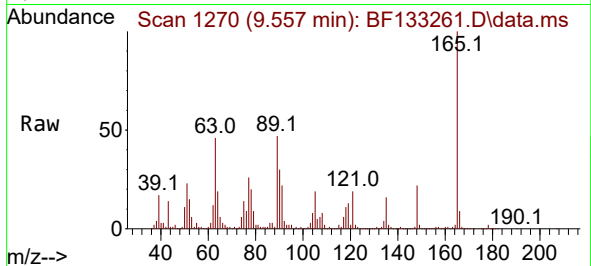




#51
2,6-Dinitrotoluene
Concen: 42.572 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

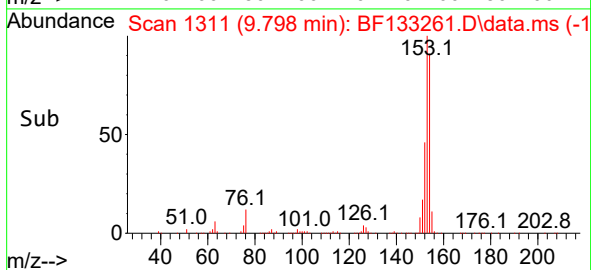
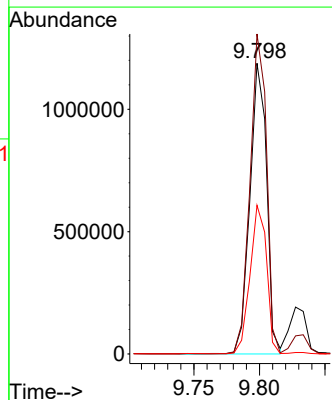
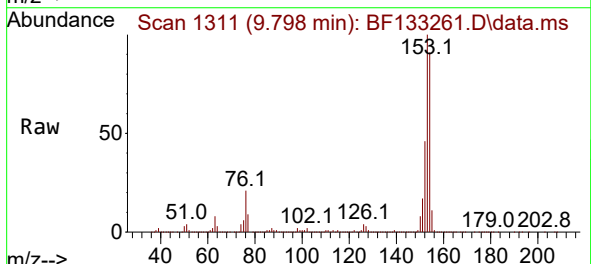
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

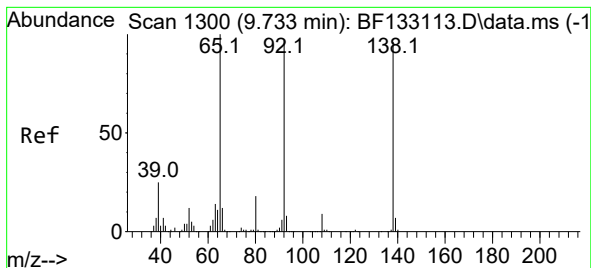
Tgt Ion:165 Resp: 273128
Ion Ratio Lower Upper
165 100
63 45.9 45.9 68.9#
89 47.3 44.0 66.0



#52
Acenaphthene
Concen: 41.369 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:154 Resp: 1050381
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.6
152 51.1 40.4 60.6





#53

3-Nitroaniline

Concen: 20.117 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

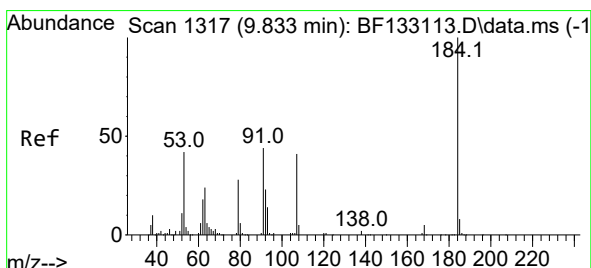
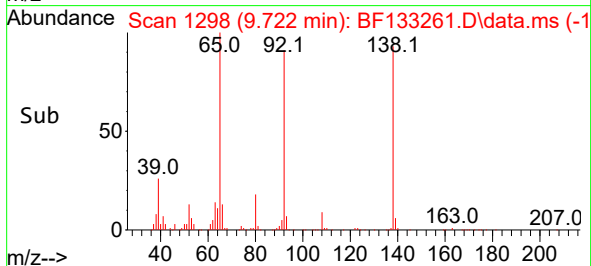
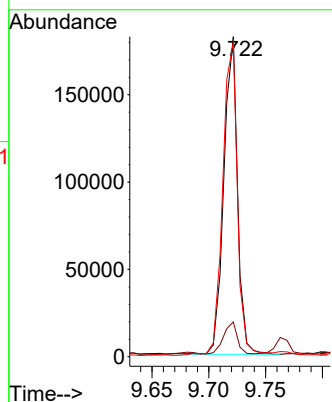
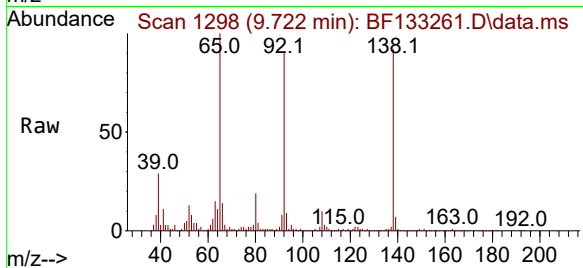
Tgt Ion:138 Resp: 153455

Ion Ratio Lower Upper

138 100

108 10.8 8.0 12.0

92 98.2 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 90.202 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

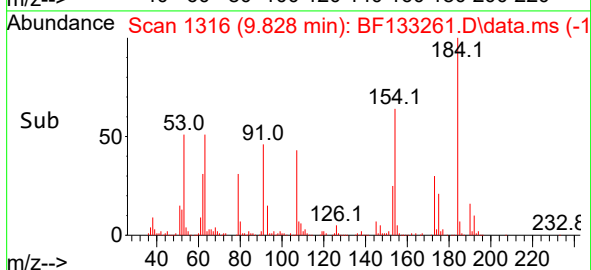
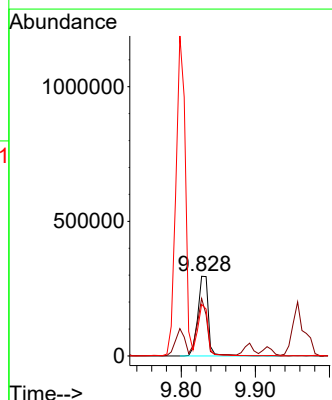
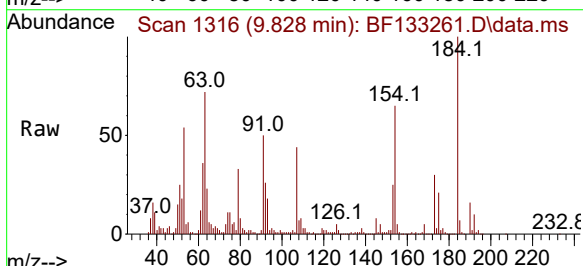
Tgt Ion:184 Resp: 290882

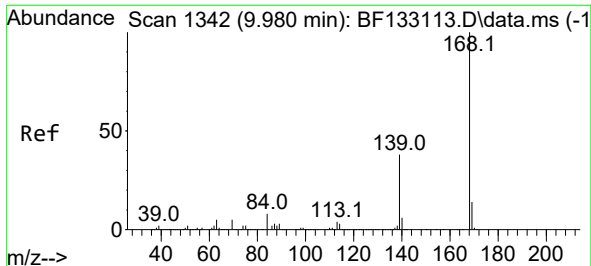
Ion Ratio Lower Upper

184 100

63 72.1 49.8 74.8

154 64.7 49.5 74.3

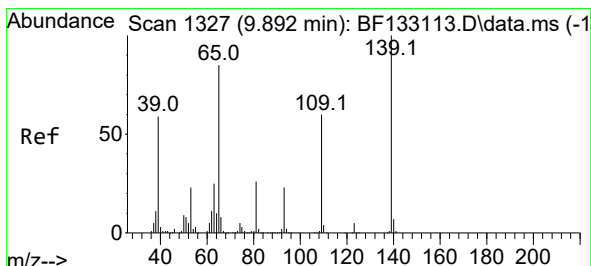
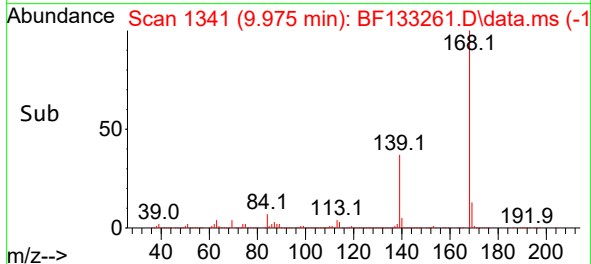
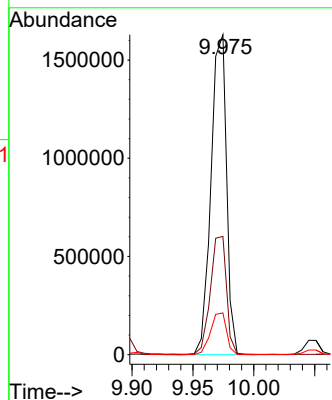
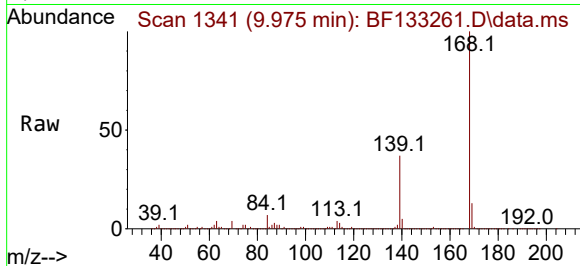




#55
Dibenzenofuran
Concen: 41.598 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

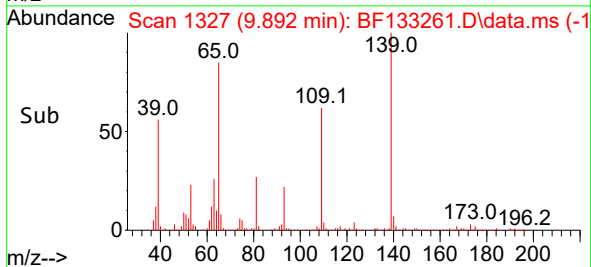
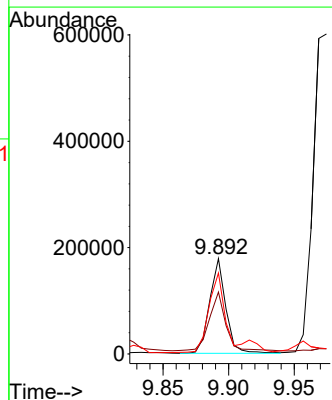
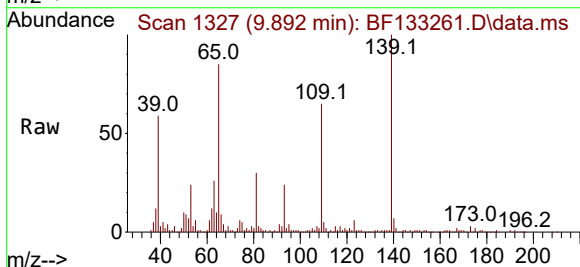
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

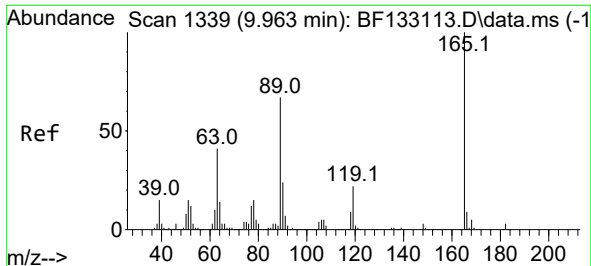
Tgt Ion:168 Resp: 1440746
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 25.859 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:139 Resp: 152780
Ion Ratio Lower Upper
139 100
109 65.0 39.4 79.4
65 84.9 57.5 97.5

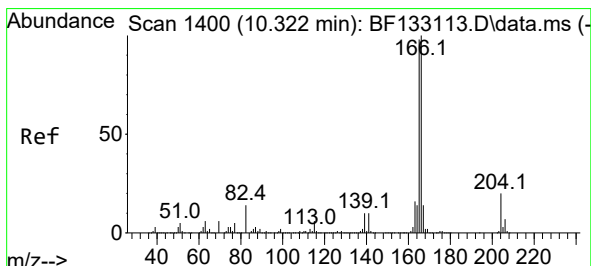
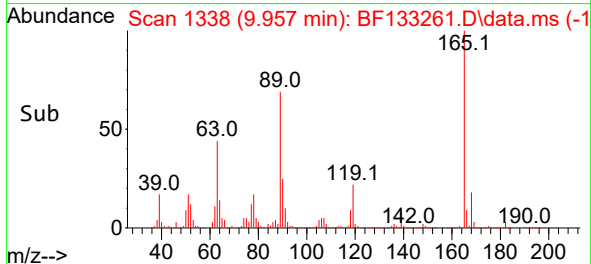
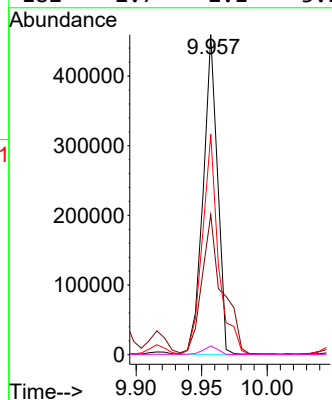
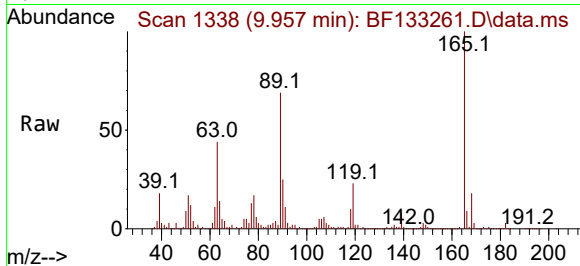




#57
2,4-Dinitrotoluene
Concen: 42.980 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

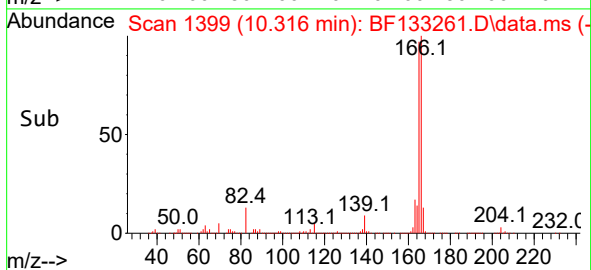
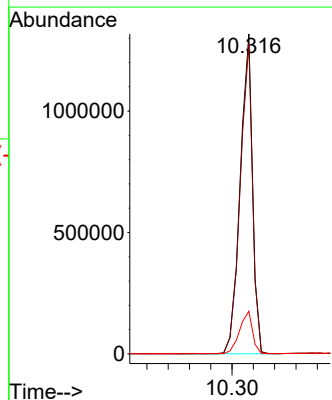
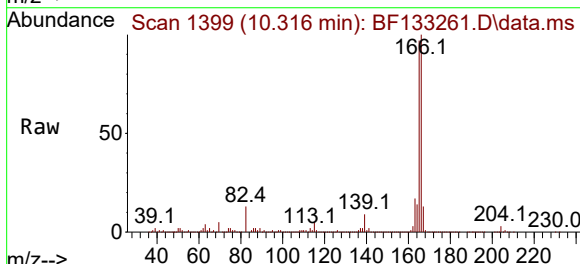
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

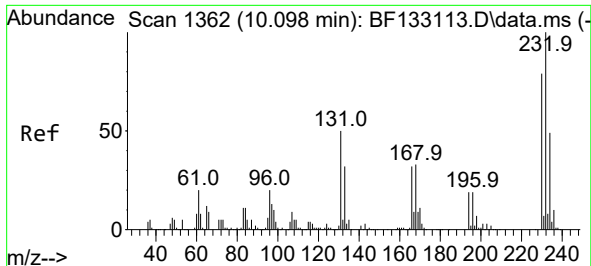
Tgt Ion:	165	Resp:	351651
Ion	Ratio	Lower	Upper
165	100		
63	43.7	37.7	56.5
89	68.8	57.0	85.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 41.854 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:	166	Resp:	1062061
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.4	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.853 ng

RT: 10.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

Tgt Ion:232 Resp: 271614

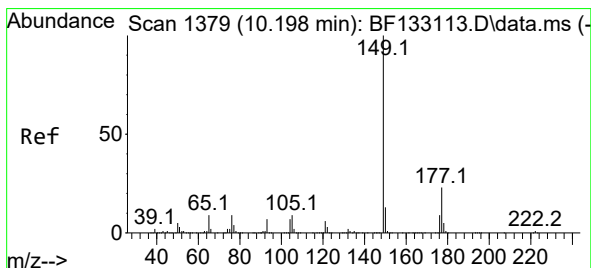
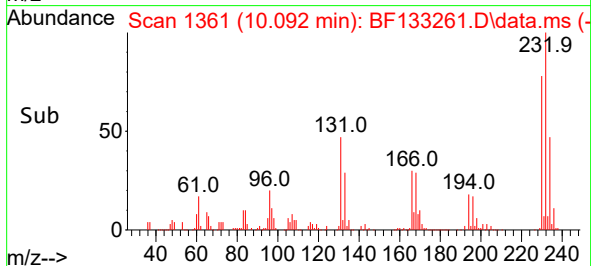
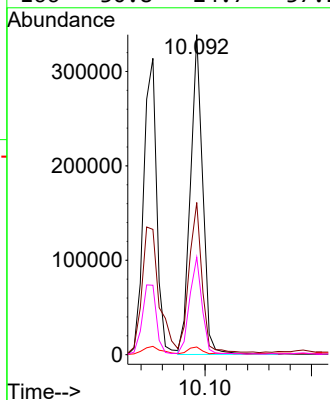
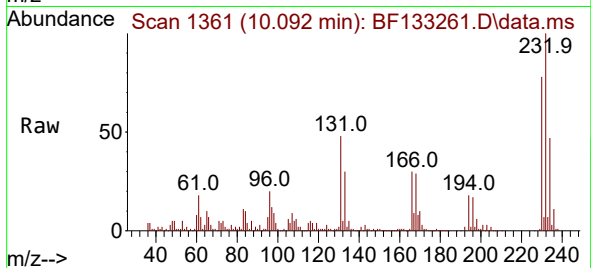
Ion Ratio Lower Upper

232 100

131 49.1 38.0 57.0

130 2.8 1.8 2.8

166 30.8 24.7 37.1



#60

Diethylphthalate

Concen: 40.731 ng

RT: 10.192 min Scan# 1378

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

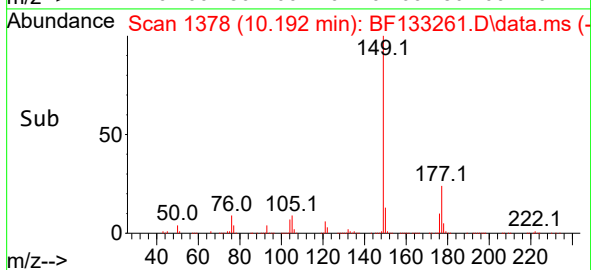
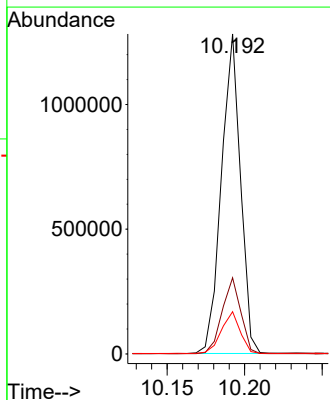
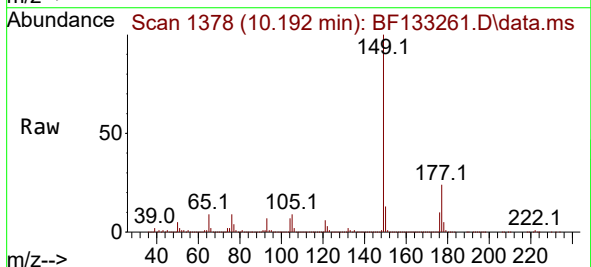
Tgt Ion:149 Resp: 1096637

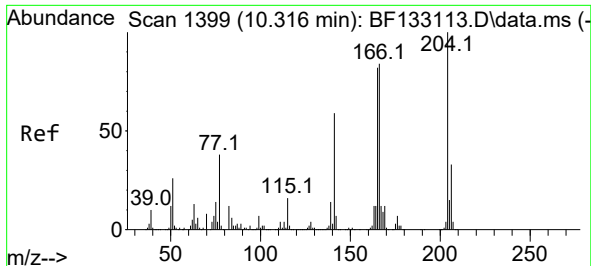
Ion Ratio Lower Upper

149 100

177 23.8 18.2 27.4

150 13.2 10.2 15.4

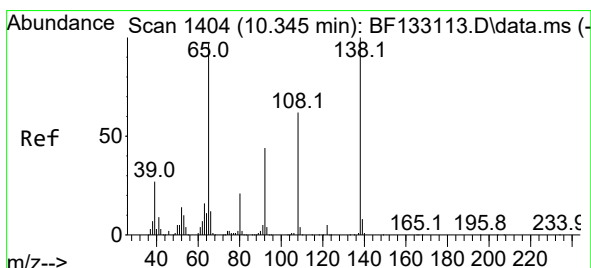
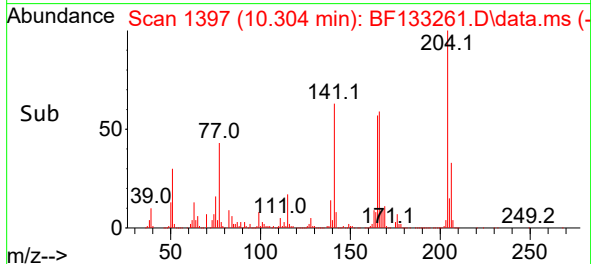
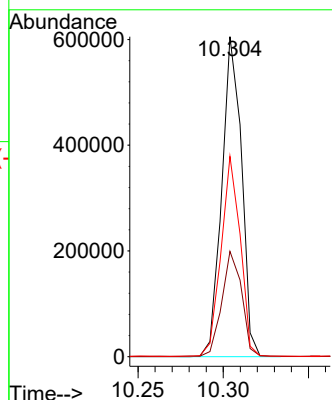
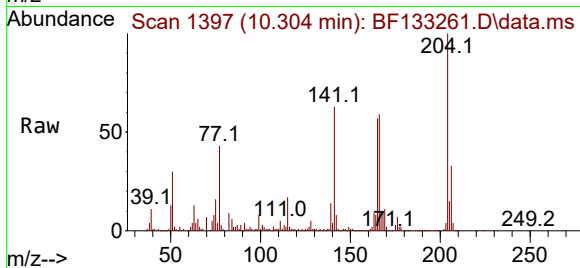




#61
4-Chlorophenyl-phenylether
Concen: 39.308 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

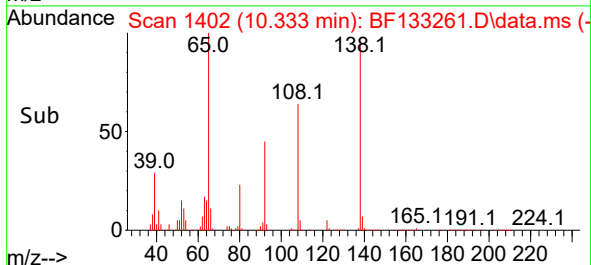
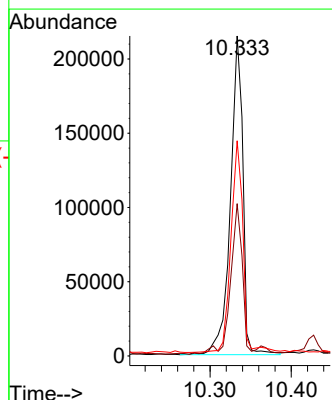
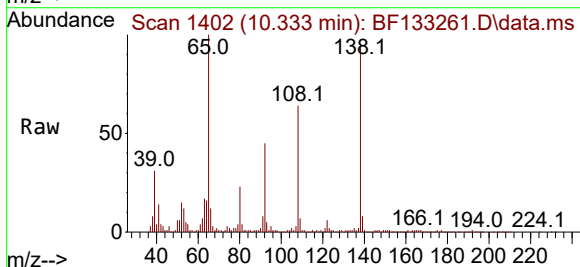
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

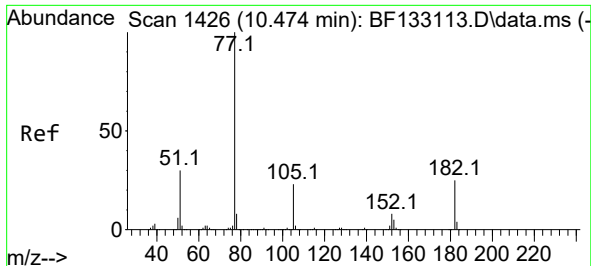
Tgt Ion:204 Resp: 486083
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 62.6 46.1 69.1



#62
4-Nitroaniline
Concen: 32.689 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:138 Resp: 229188
Ion Ratio Lower Upper
138 100
92 47.6 27.7 67.7
108 67.2 45.2 85.2



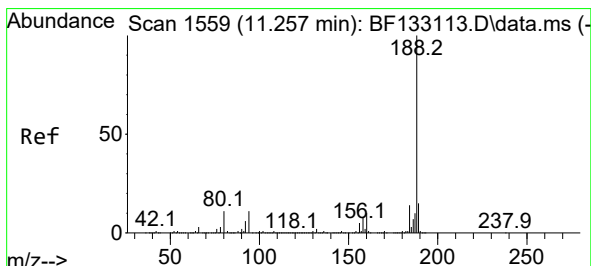
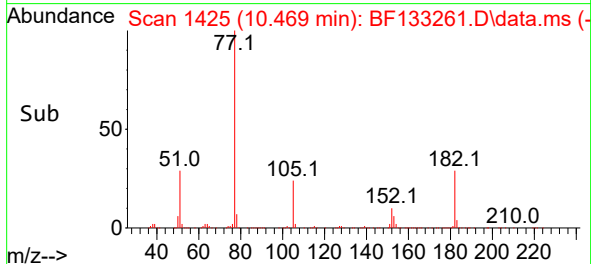
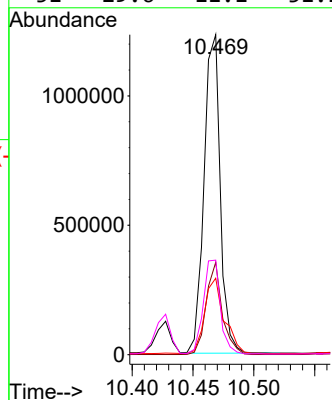
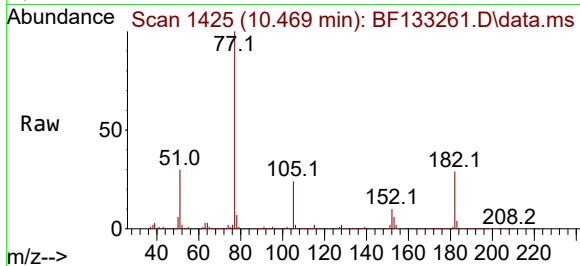


#63
Azobenzene
Concen: 40.012 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

Tgt Ion: 77 Resp: 1141225

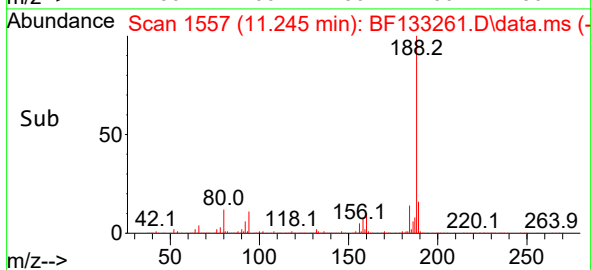
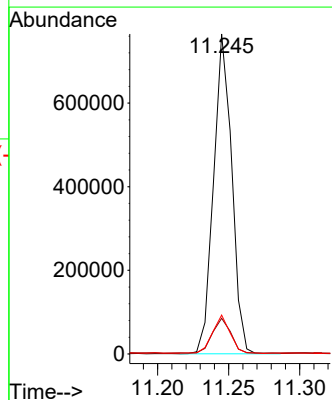
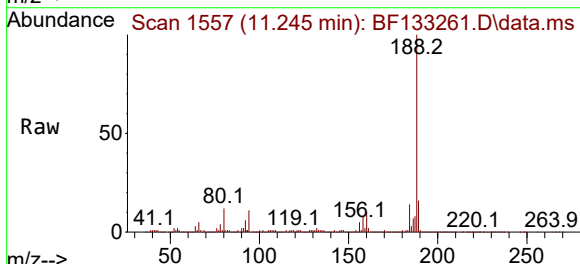
Ion	Ratio	Lower	Upper
77	100		
182	28.9	5.9	45.9
105	23.9	2.3	42.3
51	29.6	11.1	51.1

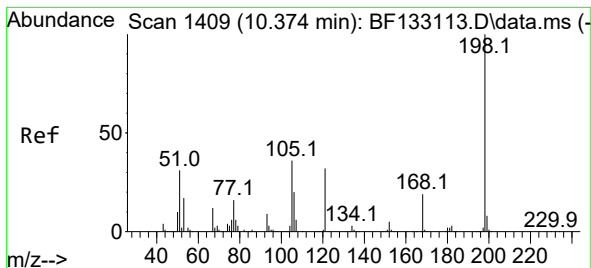


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion: 188 Resp: 679586

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.7	14.5
80	12.2	10.4	15.6

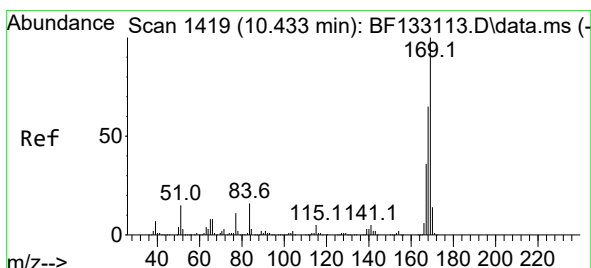
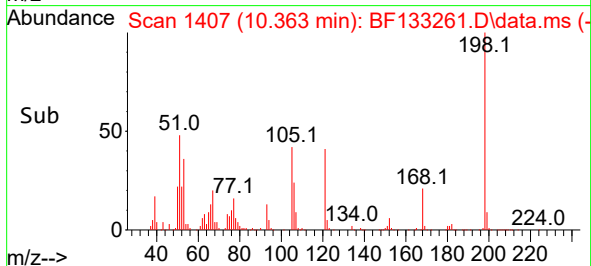
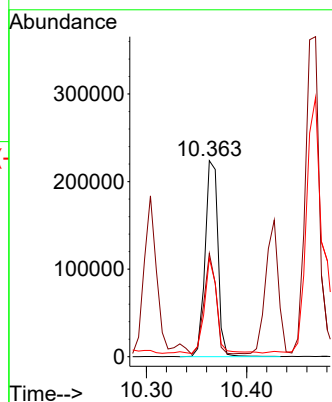
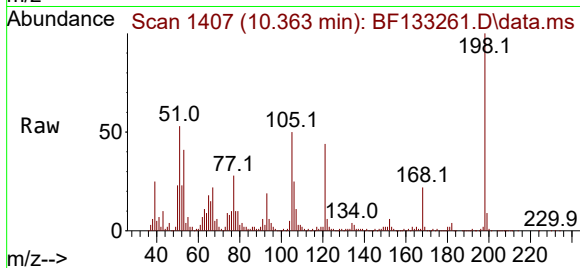




#65
4,6-Dinitro-2-methylphenol
Concen: 48.664 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

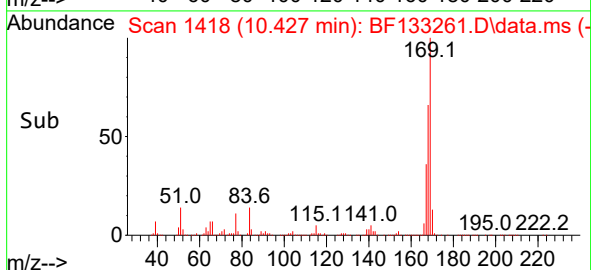
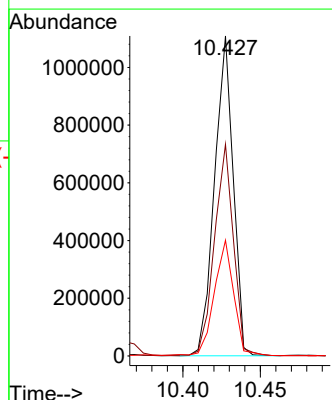
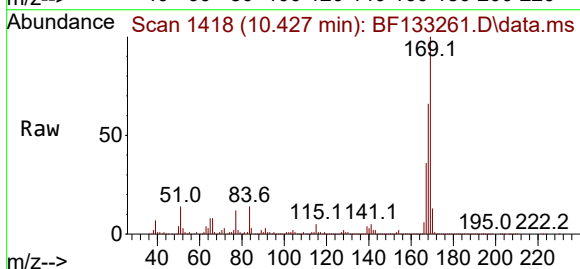
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

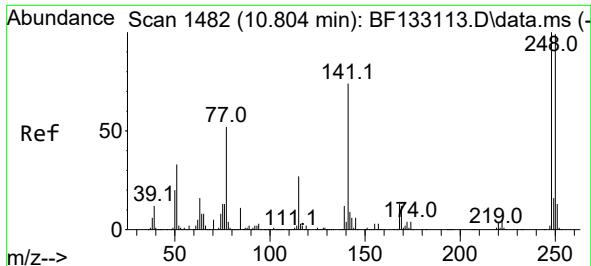
Tgt Ion:198 Resp: 200455
Ion Ratio Lower Upper
198 100
51 52.7 15.5 55.5
105 50.3 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 42.068 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:169 Resp: 927347
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.2 29.7 44.5

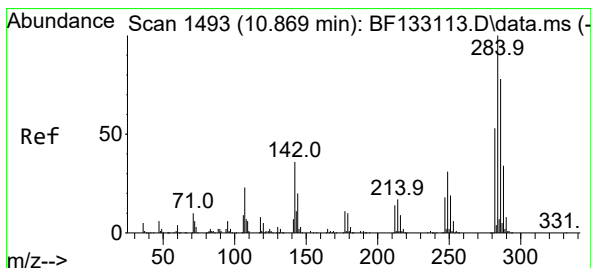
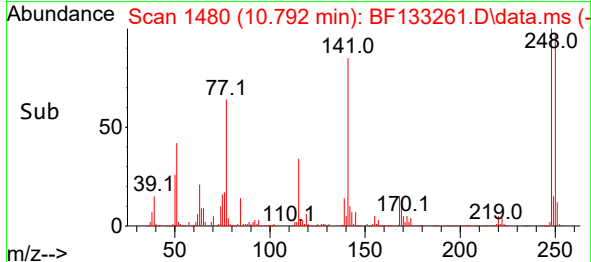
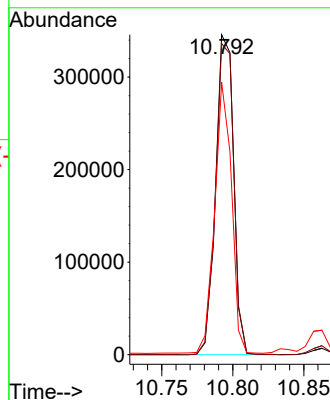
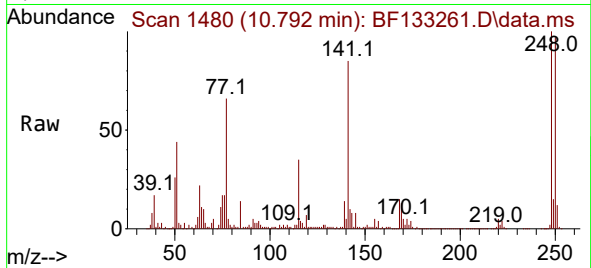




#67
4-Bromophenyl-phenylether
Concen: 41.184 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

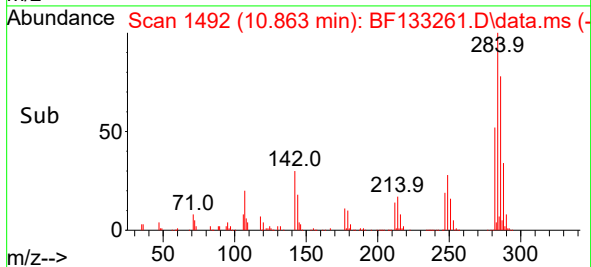
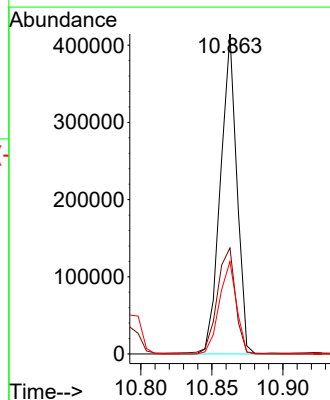
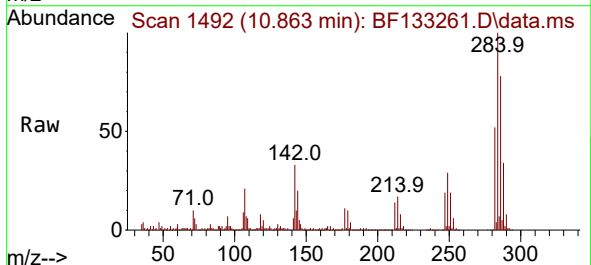
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

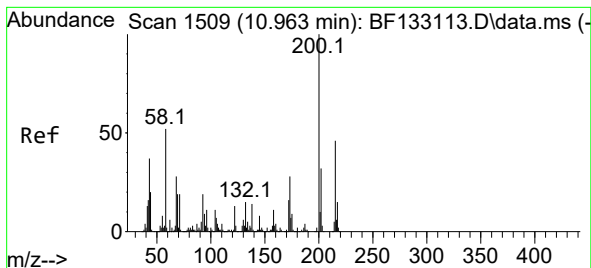
Tgt Ion:248 Resp: 303549
Ion Ratio Lower Upper
248 100
250 97.2 78.7 118.1
141 85.2 56.3 84.5#



#68
Hexachlorobenzene
Concen: 43.863 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:284 Resp: 331273
Ion Ratio Lower Upper
284 100
142 33.2 26.0 39.0
249 28.9 23.7 35.5





#69

Atrazine

Concen: 38.049 ng

RT: 10.975 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

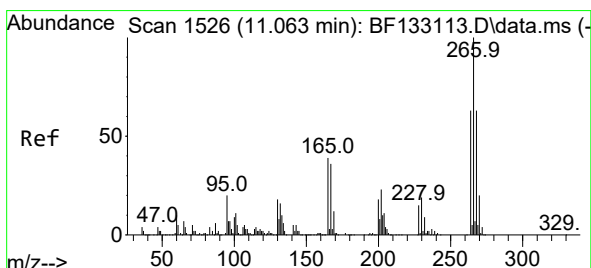
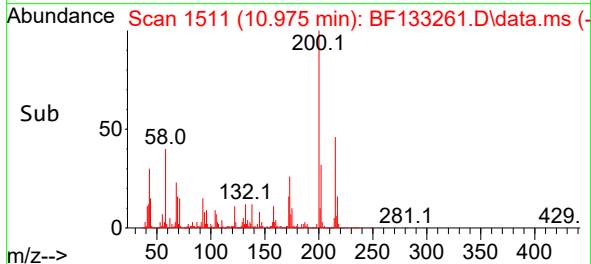
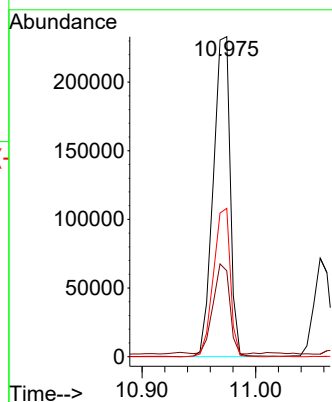
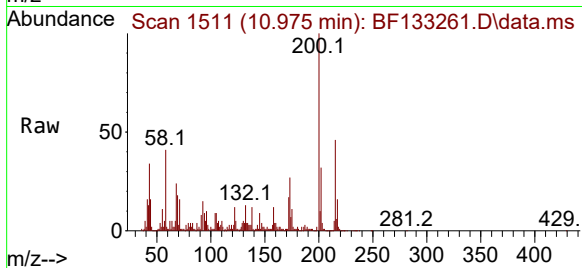
Tgt Ion:200 Resp: 241679

Ion Ratio Lower Upper

200 100

173 26.9 6.2 46.2

215 46.4 26.3 66.3



#70

Pentachlorophenol

Concen: 70.356 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

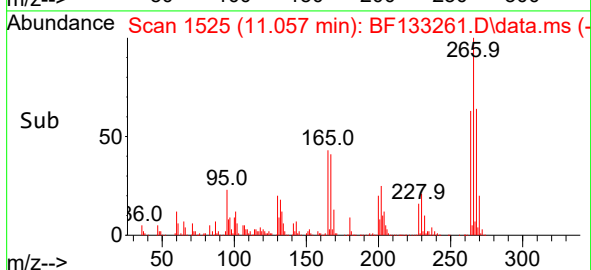
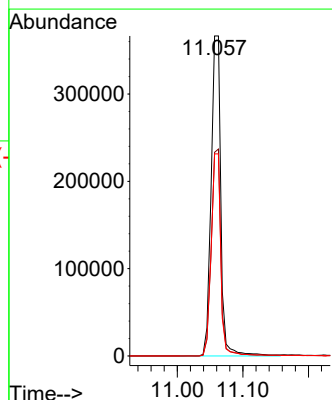
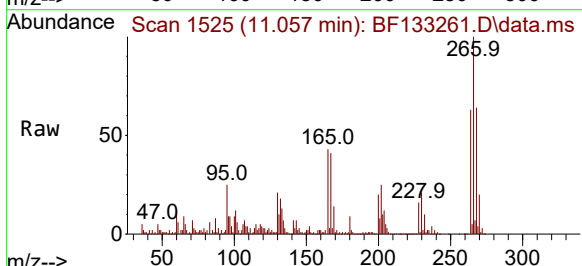
Tgt Ion:266 Resp: 378431

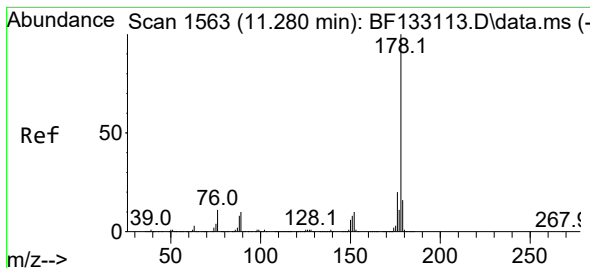
Ion Ratio Lower Upper

266 100

268 63.6 48.8 73.2

264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 42.985 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

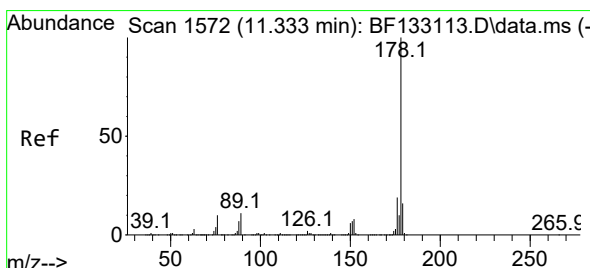
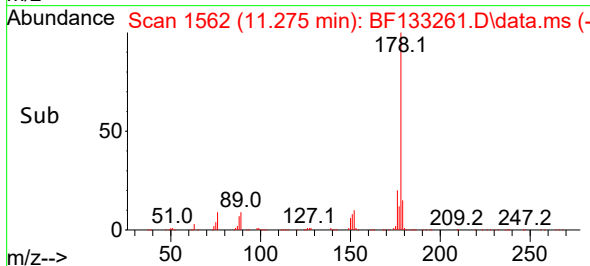
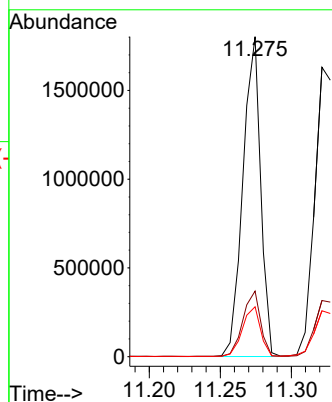
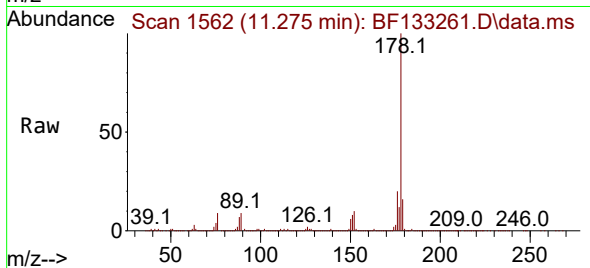
Tgt Ion:178 Resp: 1570070

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

179 15.6 12.5 18.7



#72

Anthracene

Concen: 41.684 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

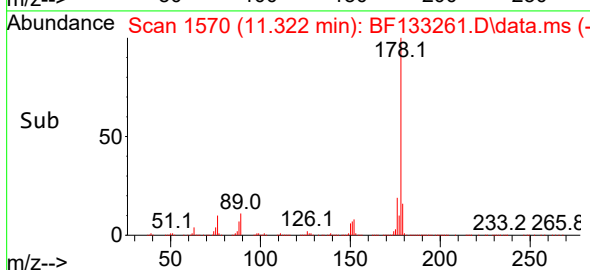
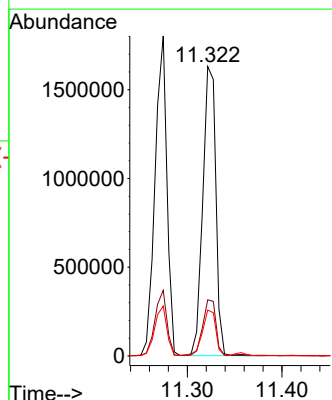
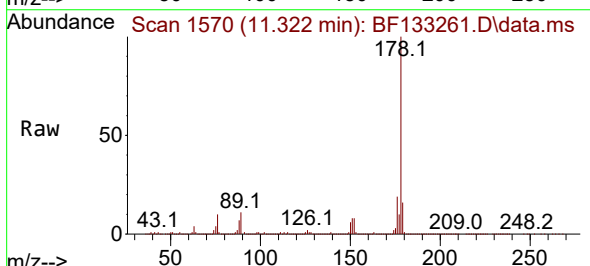
Tgt Ion:178 Resp: 1558147

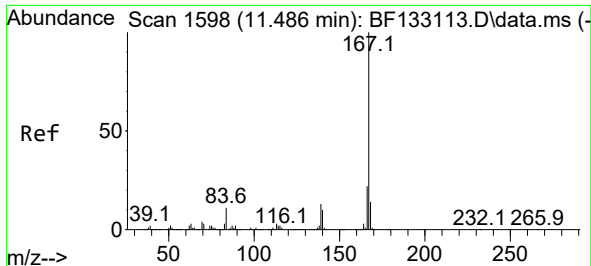
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.8 12.4 18.6

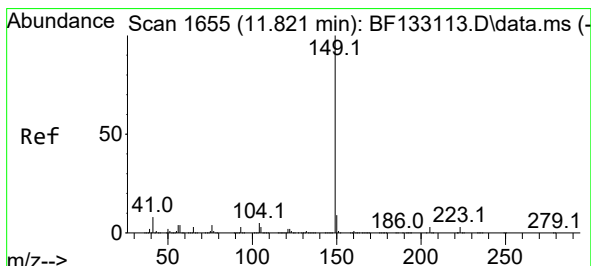
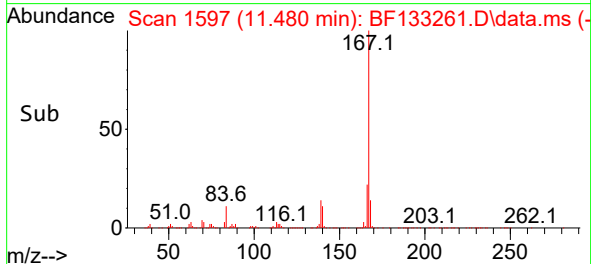
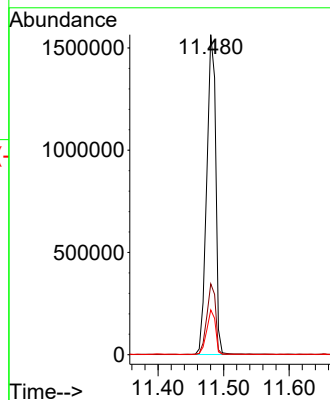
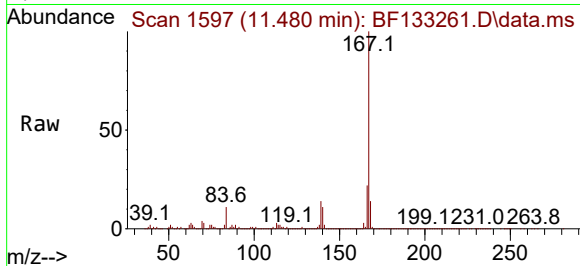




#73
 Carbazole
 Concen: 44.995 ng
 RT: 11.480 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF133261.D
 Acq: 05 May 2023 13:29

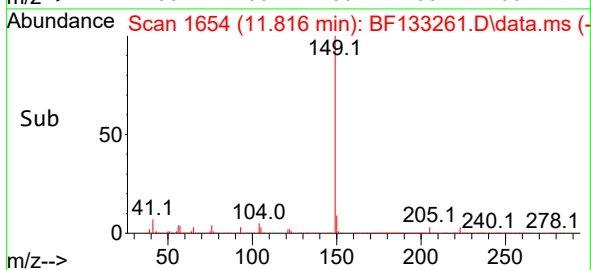
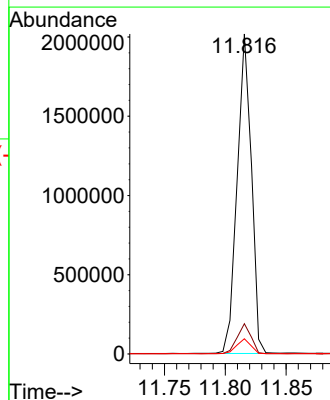
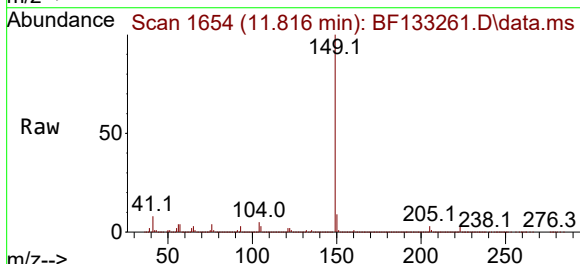
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20230503MSD

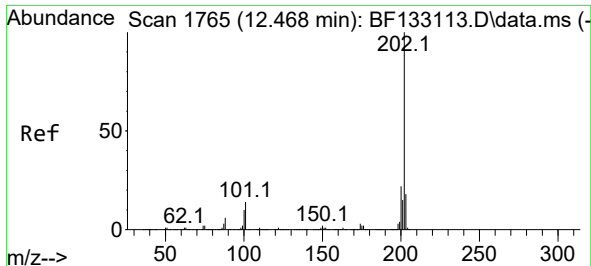
Tgt Ion:167 Resp: 1497633
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.353 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. 0.006 min
 Lab File: BF133261.D
 Acq: 05 May 2023 13:29

Tgt Ion:149 Resp: 1632947
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.7 4.0 6.0

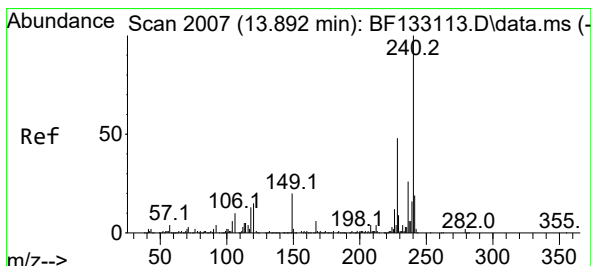
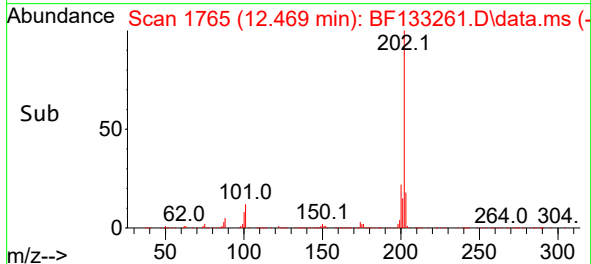
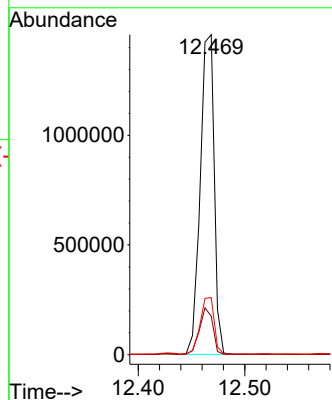
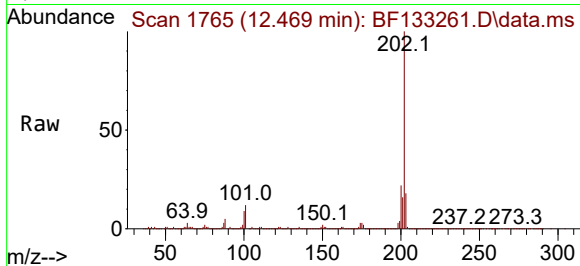




#75
Fluoranthene
Concen: 36.329 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

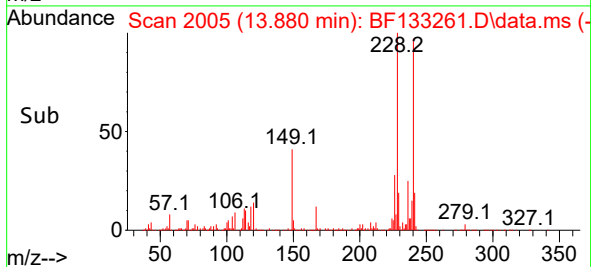
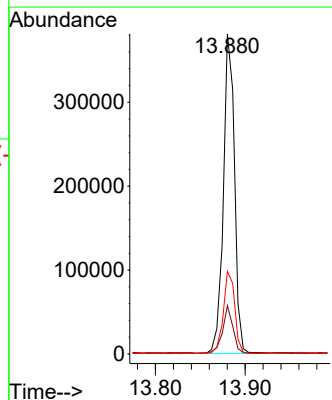
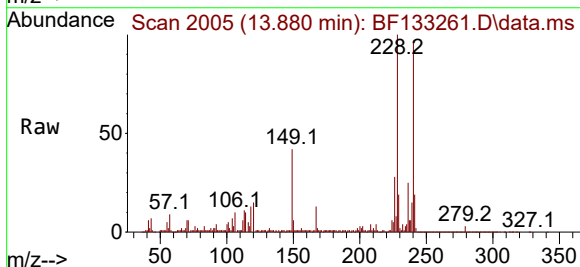
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

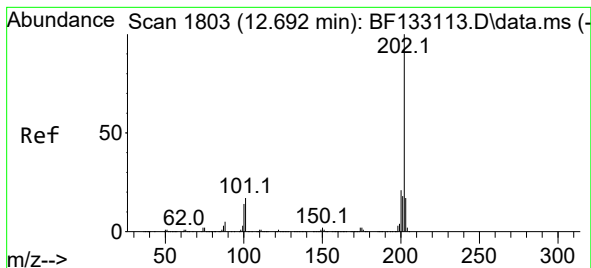
Tgt Ion:202 Resp: 1331736
Ion Ratio Lower Upper
202 100
101 12.0 0.0 35.3
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:240 Resp: 327994
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 25.9 21.5 32.3





#78

Pyrene

Concen: 47.706 ng

RT: 12.686 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

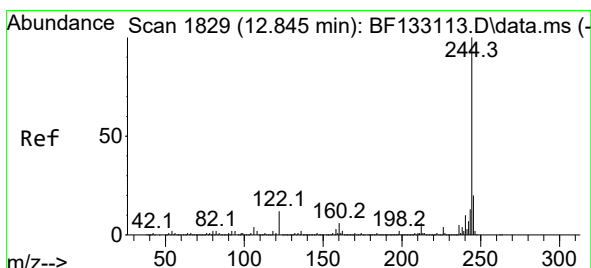
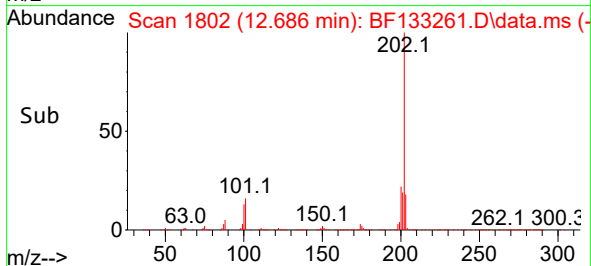
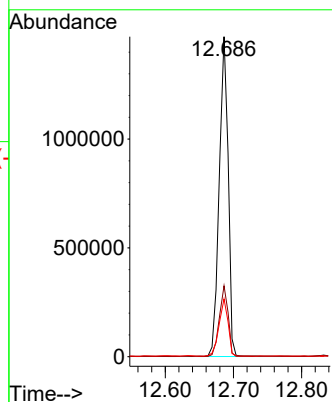
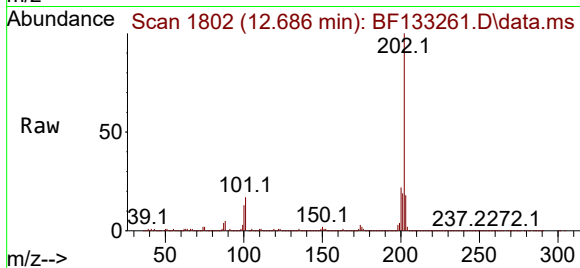
Tgt Ion:202 Resp: 1341324

Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

203 18.0 14.1 21.1



#79

Terphenyl-d14

Concen: 89.858 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

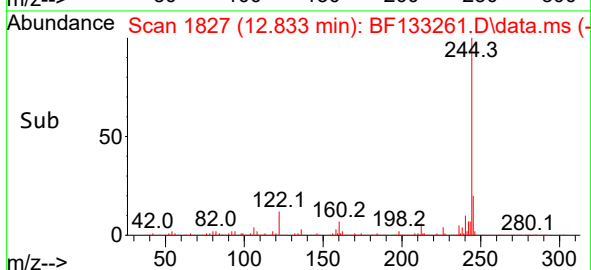
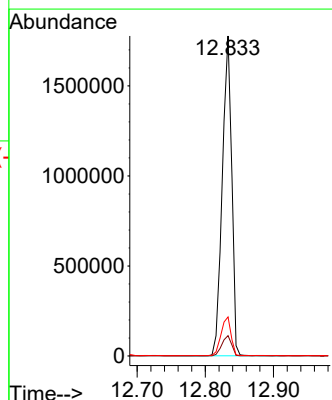
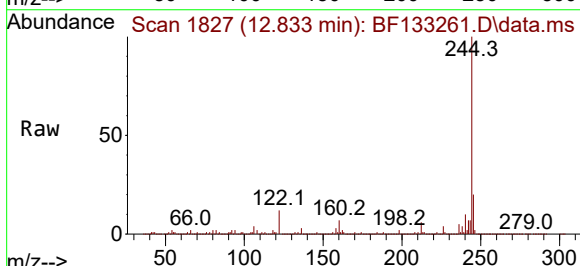
Tgt Ion:244 Resp: 1708911

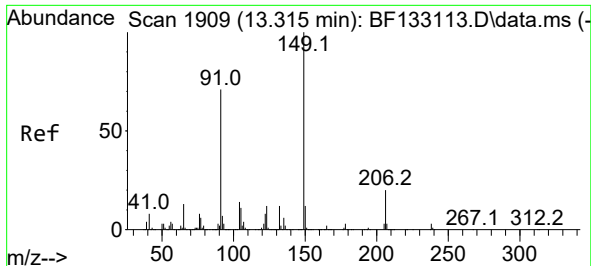
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 12.2 8.6 13.0

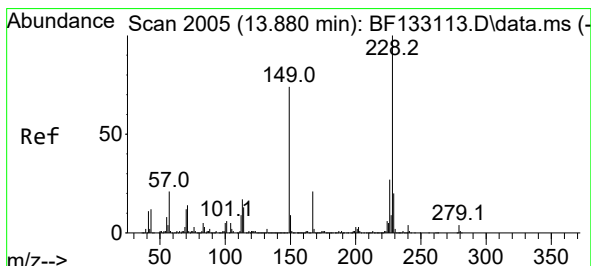
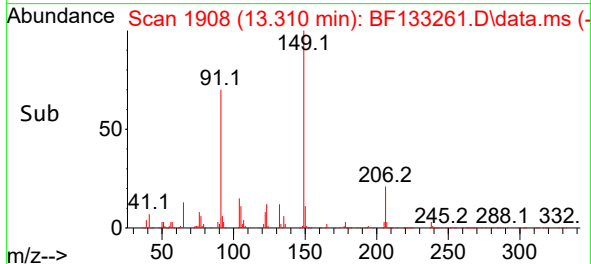
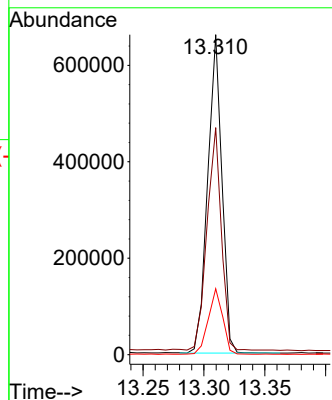
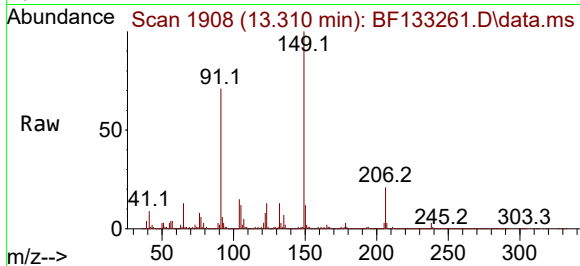




#80
Butylbenzylphthalate
Concen: 53.838 ng
RT: 13.310 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

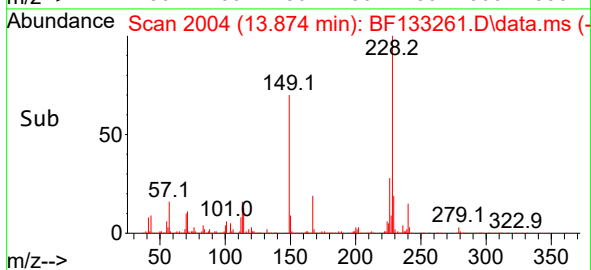
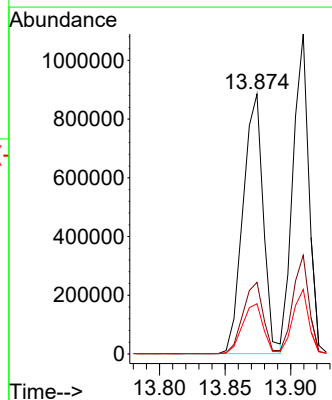
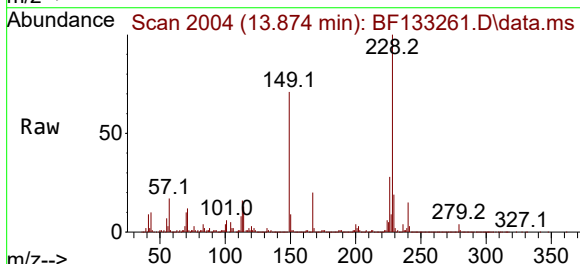
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

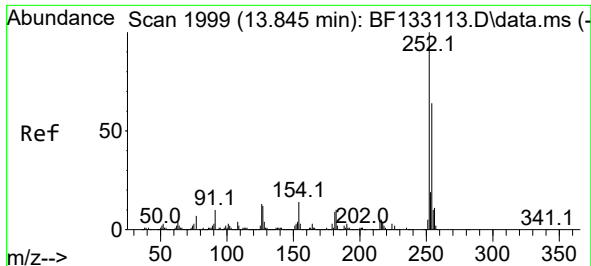
Tgt Ion:149 Resp: 535981
Ion Ratio Lower Upper
149 100
91 70.9 53.8 80.6
206 20.6 17.5 26.3



#81
Benzo(a)anthracene
Concen: 42.253 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:228 Resp: 953011
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.4 16.0 24.0

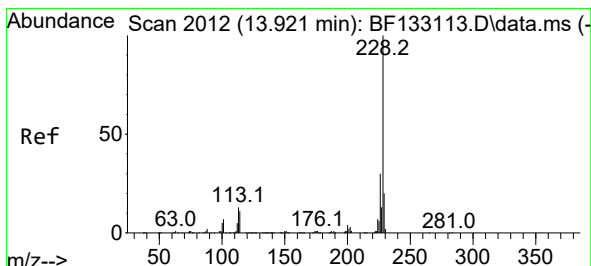
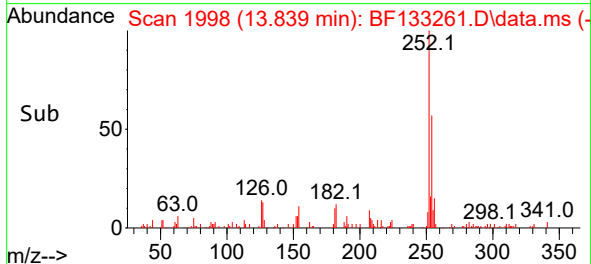
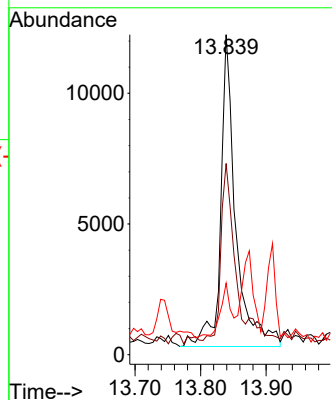
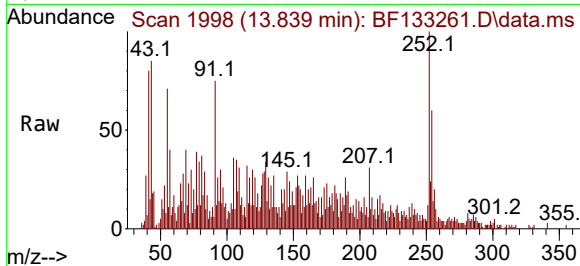




#82
3,3'-Dichlorobenzidine
Concen: 3.040 ng
RT: 13.839 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

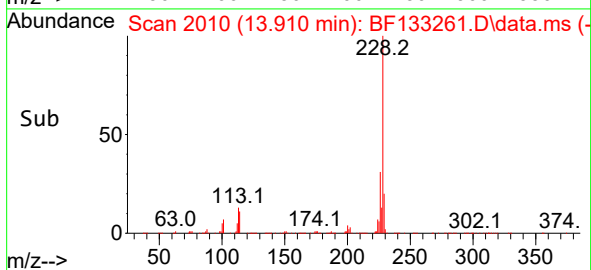
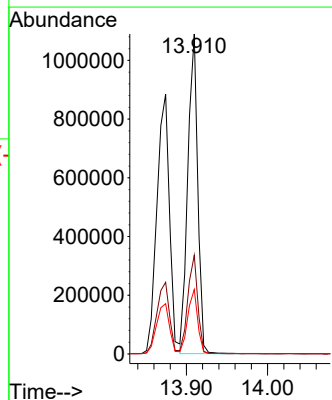
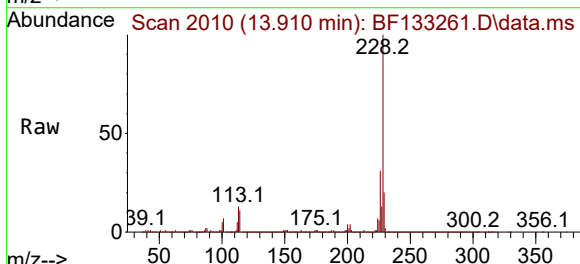
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

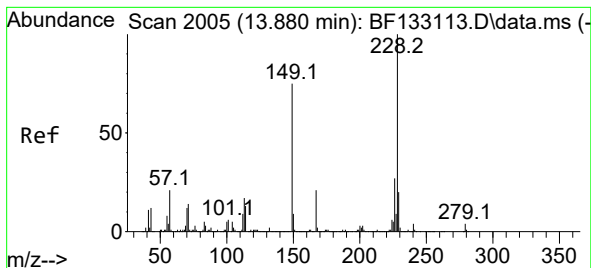
Tgt Ion:252 Resp: 18944
Ion Ratio Lower Upper
252 100
254 59.7 51.5 77.3
126 22.3 9.5 14.3#



#83
Chrysene
Concen: 40.905 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:228 Resp: 922390
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 20.2 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.167 ng

RT: 13.868 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

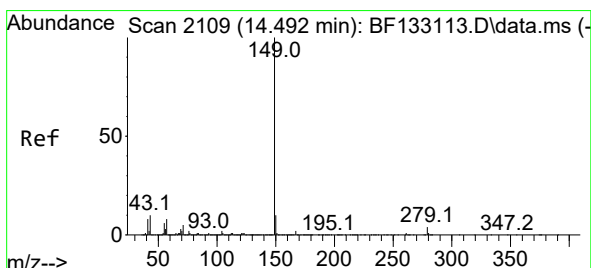
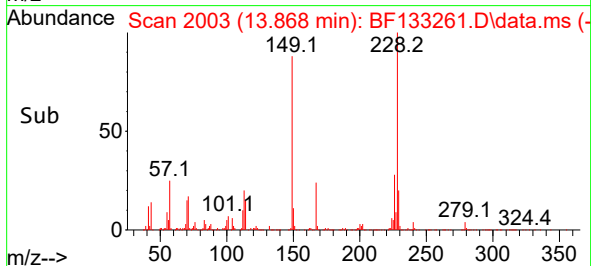
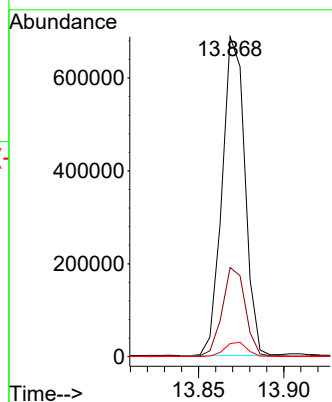
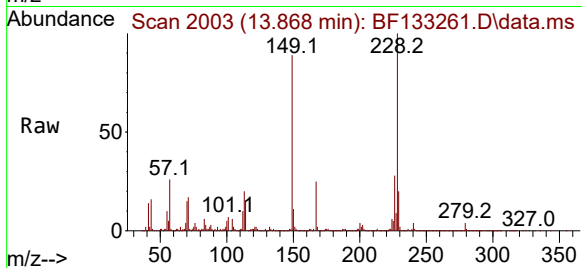
Tgt Ion:149 Resp: 639369

Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.1 4.2 6.4#



#85

Di-n-octyl phthalate

Concen: 54.026 ng

RT: 14.480 min Scan# 2107

Delta R.T. -0.000 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

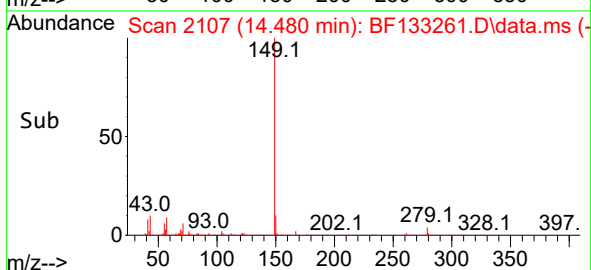
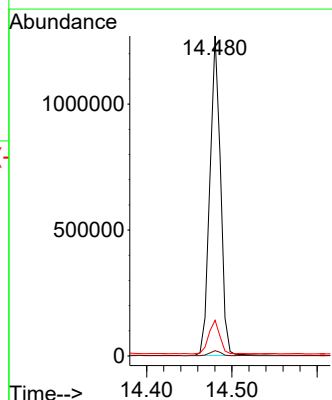
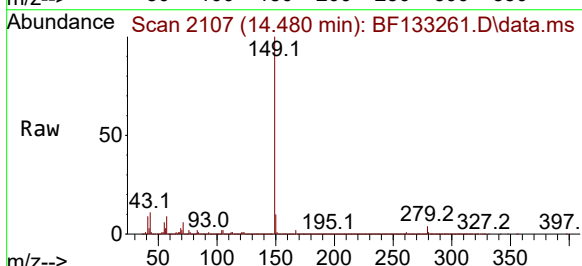
Tgt Ion:149 Resp: 1100783

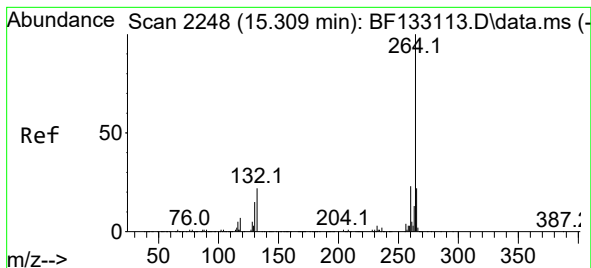
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.9 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

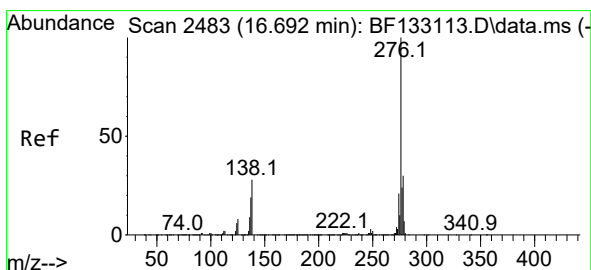
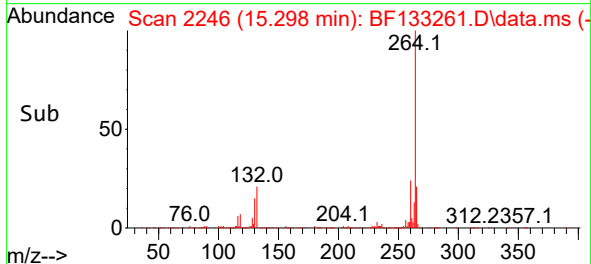
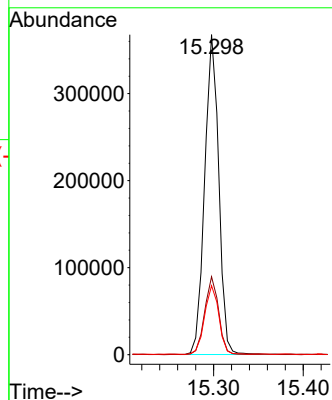
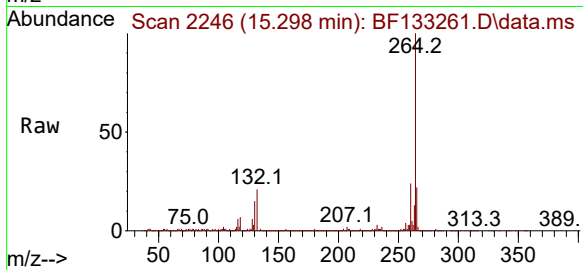
Tgt Ion:264 Resp: 399737

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.6 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 54.523 ng

RT: 16.686 min Scan# 2482

Delta R.T. 0.012 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

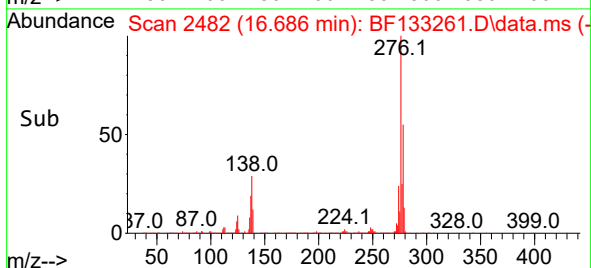
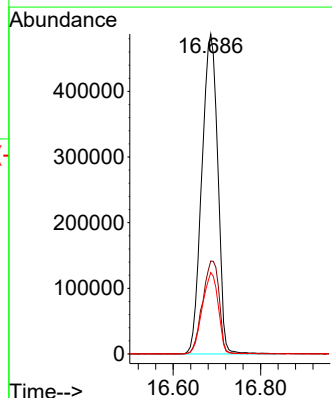
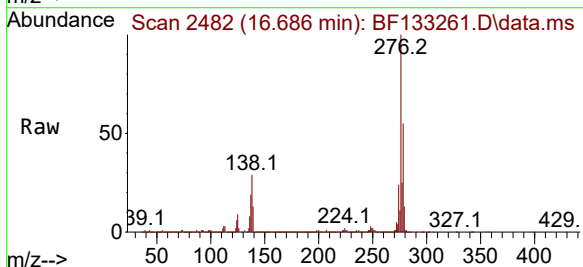
Tgt Ion:276 Resp: 1239728

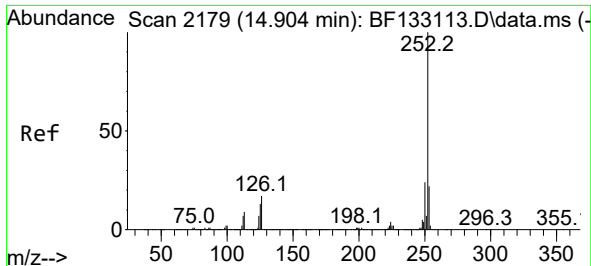
Ion Ratio Lower Upper

276 100

138 30.0 25.5 38.3

277 25.5 20.4 30.6

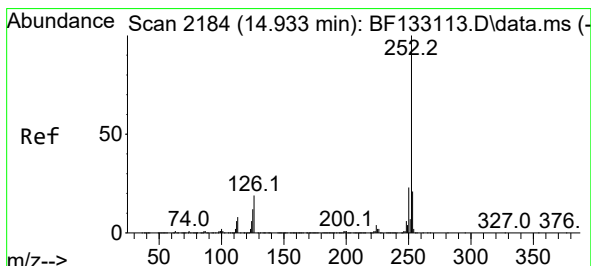
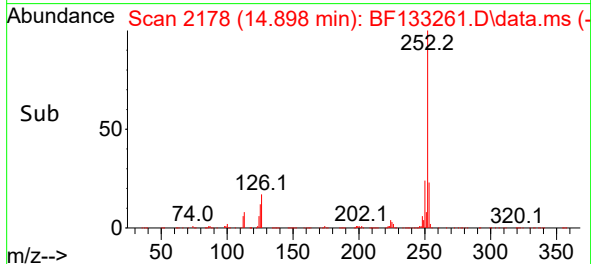
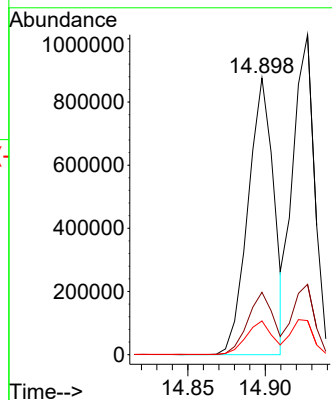
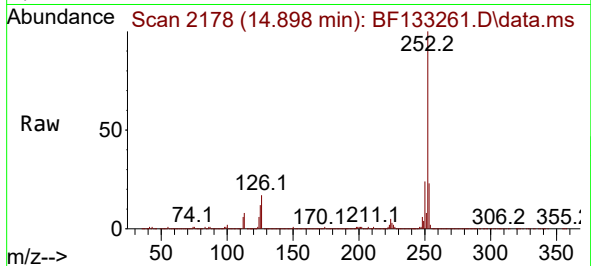




#88
Benzo(b)fluoranthene
Concen: 39.916 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

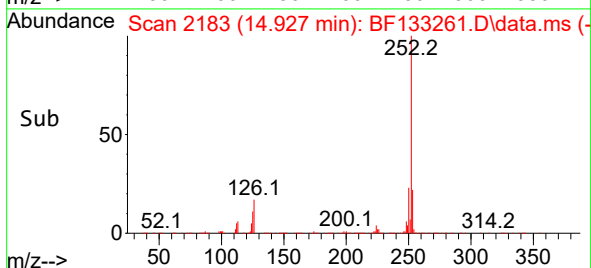
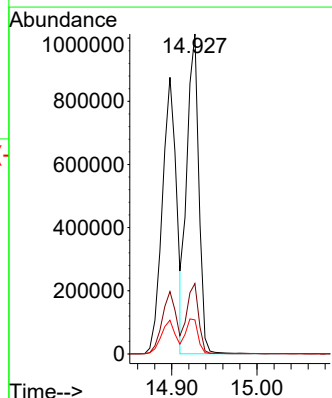
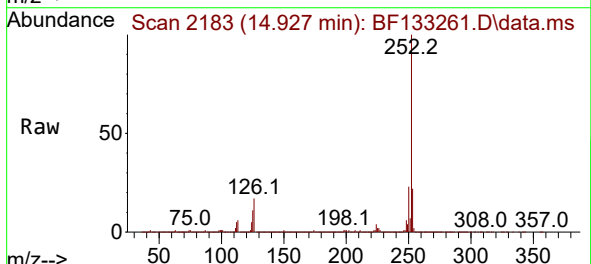
Instrument :
BNA_F
ClientSampleId :
MW-1-20230503MSD

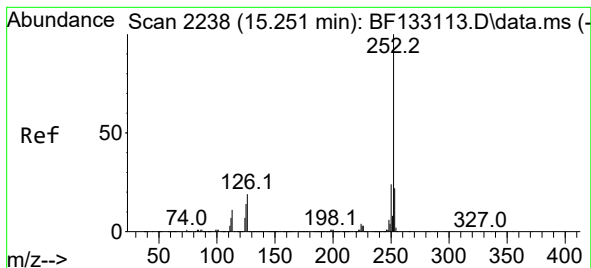
Tgt Ion:252 Resp: 1015103
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.2 8.9 13.3



#89
Benzo(k)fluoranthene
Concen: 39.001 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF133261.D
Acq: 05 May 2023 13:29

Tgt Ion:252 Resp: 983188
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.7 9.0 13.4





#90

Benzo(a)pyrene

Concen: 40.266 ng

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

MW-1-20230503MSD

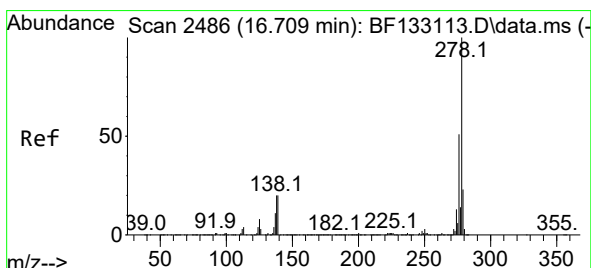
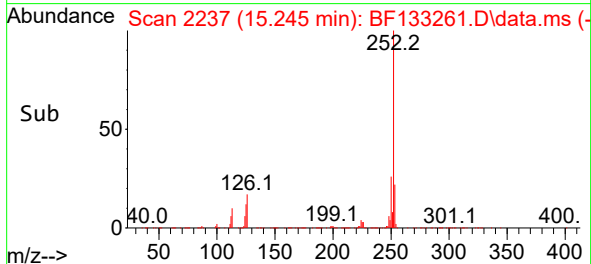
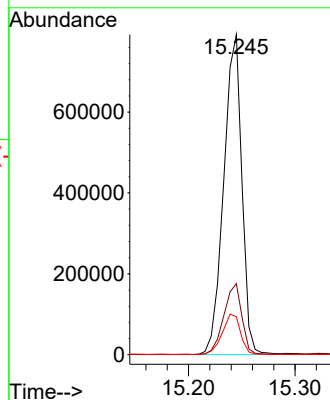
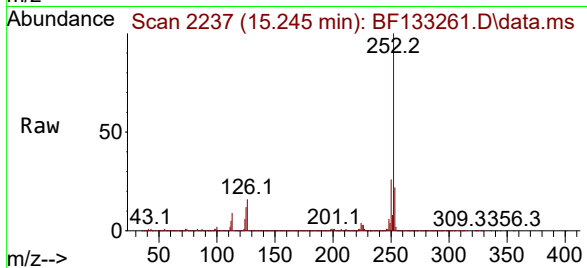
Tgt Ion:252 Resp: 932059

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.9 10.5 15.7



#91

Dibenzo(a,h)anthracene

Concen: 54.602 ng

RT: 16.704 min Scan# 2485

Delta R.T. 0.012 min

Lab File: BF133261.D

Acq: 05 May 2023 13:29

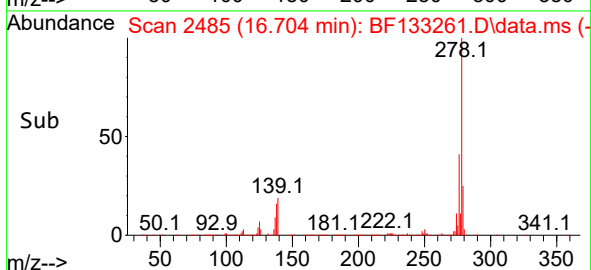
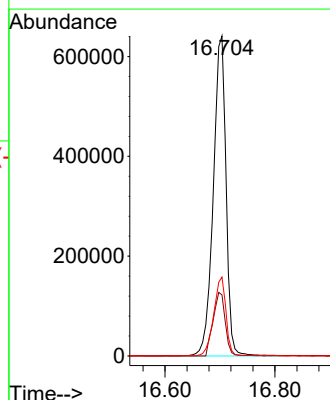
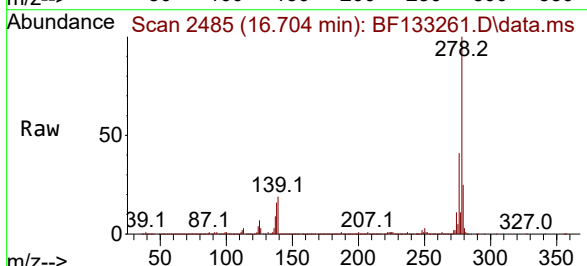
Tgt Ion:278 Resp: 1035506

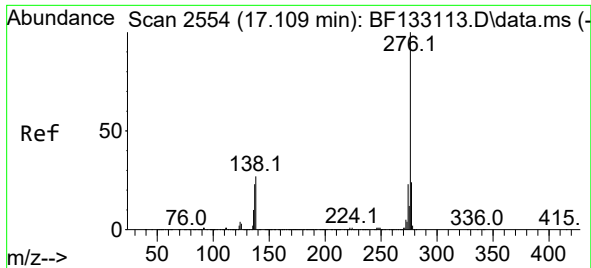
Ion Ratio Lower Upper

278 100

139 19.1 16.6 24.8

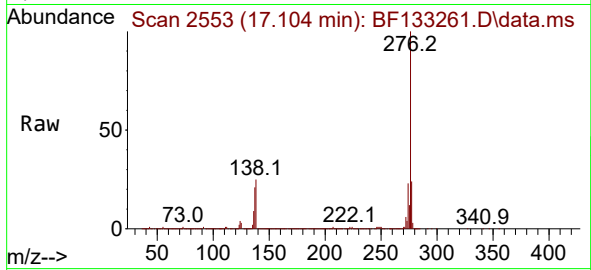
279 24.6 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 52.087 ng
 RT: 17.104 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF133261.D
 Acq: 05 May 2023 13:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20230503MSD



Tgt Ion: 276 Resp: 975221

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	25.2	22.7	34.1

