

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133153.D
 Acq On : 01 May 2023 13:49
 Operator : CG\JU
 Sample : 02521-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Quant Time: May 02 05:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	195768	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	779426	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	408781	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	712325	20.000	ng	0.00
76) Chrysene-d12	13.886	240	379662	20.000	ng	0.00
86) Perylene-d12	15.304	264	380330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	644255	49.713	ng	0.00
7) Phenol-d6	6.369	99	513552	31.926	ng	0.00
23) Nitrobenzene-d5	7.298	82	1012874	70.144	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	453387	110.284	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1811776	74.150	ng	0.00
79) Terphenyl-d14	12.839	244	2035950	92.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.422	88	94474	15.717	ng	98
3) Pyridine	3.122	79	229482	14.374	ng	100
4) n-Nitrosodimethylamine	3.063	42	131184	15.863	ng	99
6) Aniline	6.393	93	519713	25.086	ng	96
8) 2-Chlorophenol	6.516	128	417912	31.761	ng	94
9) Benzaldehyde	6.275	77	291103	38.819	ng	100
10) Phenol	6.381	94	228642	12.885	ng	80
11) bis(2-Chloroethyl)ether	6.463	93	476728	35.801	ng	99
12) 1,3-Dichlorobenzene	6.669	146	435057	31.099	ng	99
13) 1,4-Dichlorobenzene	6.745	146	450933	32.162	ng	98
14) 1,2-Dichlorobenzene	6.898	146	439252	33.982	ng	97
15) Benzyl Alcohol	6.875	79	284141	25.572	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	771545	33.359	ng	97
17) 2-Methylphenol	6.992	107	292396	24.268	ng	99
18) Hexachloroethane	7.245	117	148860	30.539	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	354603	35.410	ng	96
20) 3+4-Methylphenols	7.145	107	321489	22.657	ng	# 86
22) Acetophenone	7.140	105	695669	38.530	ng	# 94
24) Nitrobenzene	7.316	77	516652	35.309	ng	99
25) Isophorone	7.557	82	1000853	36.505	ng	100
26) 2-Nitrophenol	7.634	139	272781	38.650	ng	95
27) 2,4-Dimethylphenol	7.675	122	421881	34.861	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	595946	36.743	ng	99
29) 2,4-Dichlorophenol	7.875	162	404752	36.739	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	397476	34.825	ng	99
31) Naphthalene	8.039	128	1376327	35.319	ng	100
32) Benzoic acid	7.757	122	91550	12.247	ng	97
33) 4-Chloroaniline	8.086	127	388396	24.668	ng	98
34) Hexachlorobutadiene	8.157	225	210076	33.209	ng	99
35) Caprolactam	8.451	113	31007	8.378	ng	92
36) 4-Chloro-3-methylphenol	8.569	107	415249	34.953	ng	99
37) 2-Methylnaphthalene	8.728	142	961132	36.076	ng	99
38) 1-Methylnaphthalene	8.828	142	909705	36.500	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	395579	35.991	ng	100
41) Hexachlorocyclopentadiene	8.886	237	445939	69.570	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	292475	38.478	ng	99

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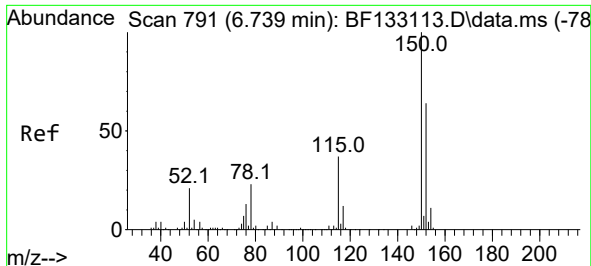
Quant Time: May 02 05:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	313122	35.619	ng	99
46) 1,1'-Biphenyl	9.192	154	1236531	38.147	ng	99
47) 2-Chloronaphthalene	9.216	162	914685	38.553	ng	98
48) 2-Nitroaniline	9.310	65	298629	38.085	ng	95
49) Acenaphthylene	9.633	152	1456567	38.422	ng	99
50) Dimethylphthalate	9.498	163	1113990	39.083	ng	99
51) 2,6-Dinitrotoluene	9.557	165	261371	40.741	ng	86
52) Acenaphthene	9.804	154	933178	36.754	ng	99
53) 3-Nitroaniline	9.722	138	196366	25.743	ng	99
54) 2,4-Dinitrophenol	9.828	184	259509	80.476	ng	97
55) Dibenzofuran	9.975	168	1308868	37.791	ng	98
56) 4-Nitrophenol	9.886	139	161768	27.381	ng	93
57) 2,4-Dinitrotoluene	9.957	165	345658	42.249	ng	99
58) Fluorene	10.316	166	985653	38.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	269724	39.577	ng	97
60) Diethylphthalate	10.198	149	1078473	40.057	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	470903	38.082	ng	95
62) 4-Nitroaniline	10.339	138	272782	38.908	ng	95
63) Azobenzene	10.475	77	1191478	41.776	ng	94
65) 4,6-Dinitro-2-methylph...	10.369	198	188472	43.652	ng	96
66) n-Nitrosodiphenylamine	10.433	169	910644	39.412	ng	98
67) 4-Bromophenyl-phenylether	10.798	248	301204	38.988	ng	94
68) Hexachlorobenzene	10.869	284	328727	41.525	ng	97
69) Atrazine	10.963	200	302061	45.369	ng	98
70) Pentachlorophenol	11.063	266	372289	66.033	ng	97
71) Phenanthrene	11.280	178	1510351	39.450	ng	99
72) Anthracene	11.327	178	1561238	39.847	ng	99
73) Carbazole	11.486	167	1395169	39.990	ng	99
74) Di-n-butylphthalate	11.822	149	1695737	42.951	ng	99
75) Fluoranthene	12.463	202	1490641	38.795	ng	99
77) Benzidine	12.586	184	374973	58.404	ng	# 93
78) Pyrene	12.692	202	1521308	46.744	ng	99
80) Butylbenzylphthalate	13.316	149	626765	54.390	ng	99
81) Benzo(a)anthracene	13.874	228	1041645	39.897	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	229164	31.774	ng	98
83) Chrysene	13.916	228	1010887	38.729	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	720339	49.801	ng	100
85) Di-n-octyl phthalate	14.492	149	1175011	49.821	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1125400	52.020	ng	99
88) Benzo(b)fluoranthene	14.904	252	945894	39.093	ng	99
89) Benzo(k)fluoranthene	14.933	252	917109	38.236	ng	100
90) Benzo(a)pyrene	15.245	252	847317	38.473	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	941827	52.197	ng	99
92) Benzo(g,h,i)perylene	17.104	276	924649	51.906	ng	100

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

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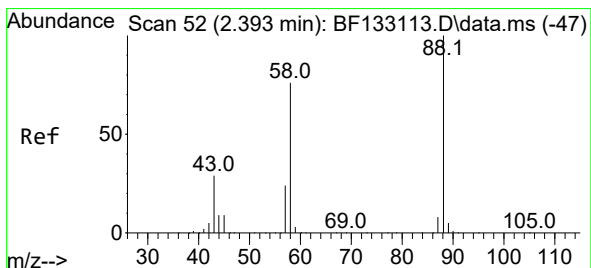
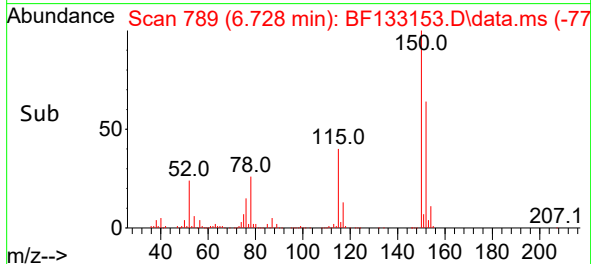
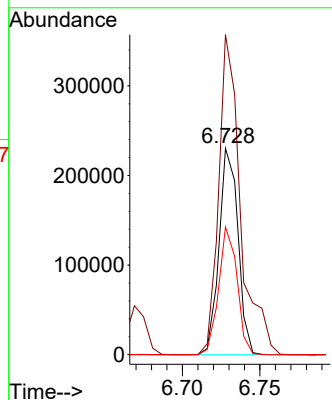
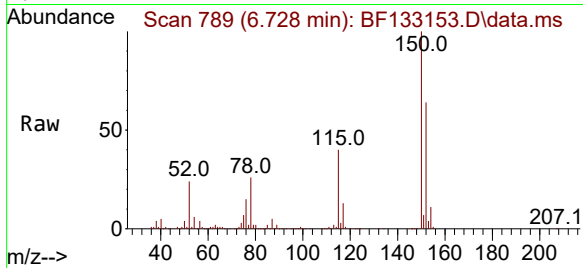




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF133153.D
 Acq: 01 May 2023 13:49

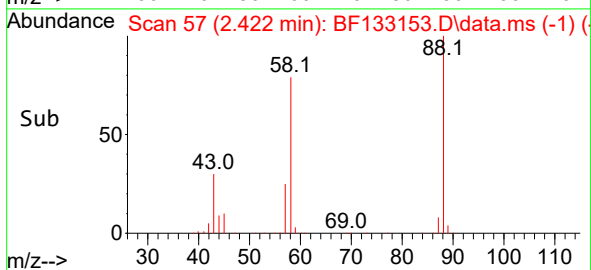
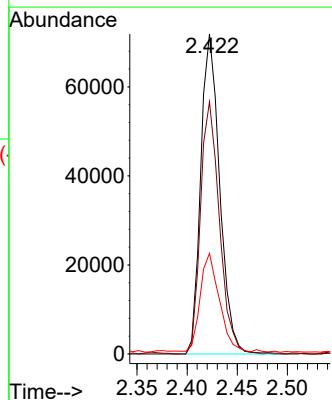
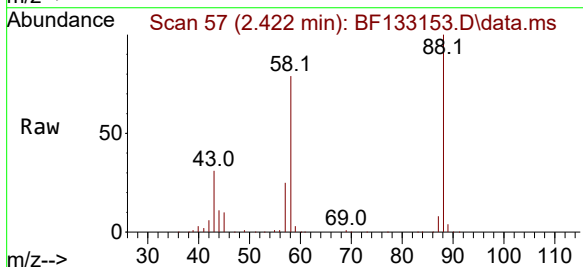
Instrument :
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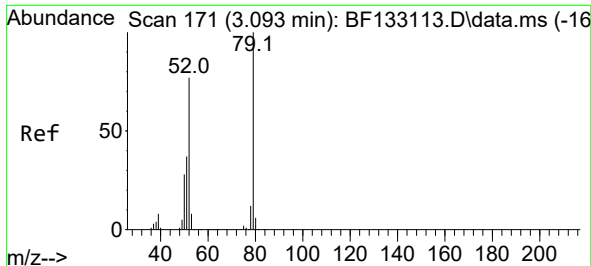
Tgt Ion:152 Resp: 195768
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.8 187.2
 115 61.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 15.717 ng
 RT: 2.422 min Scan# 57
 Delta R.T. 0.035 min
 Lab File: BF133153.D
 Acq: 01 May 2023 13:49

Tgt Ion: 88 Resp: 94474
 Ion Ratio Lower Upper
 88 100
 58 79.1 64.7 97.1
 43 31.1 26.2 39.2

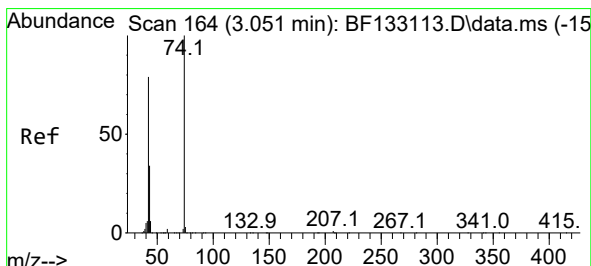
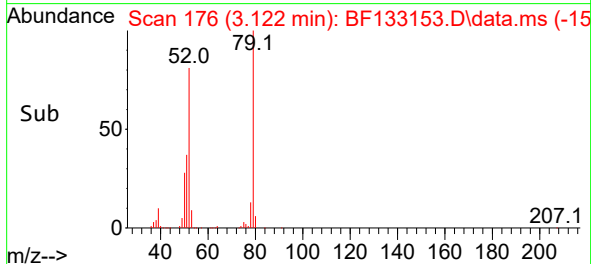
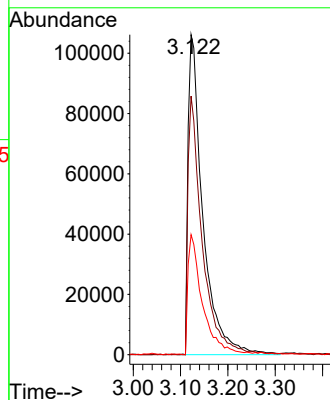
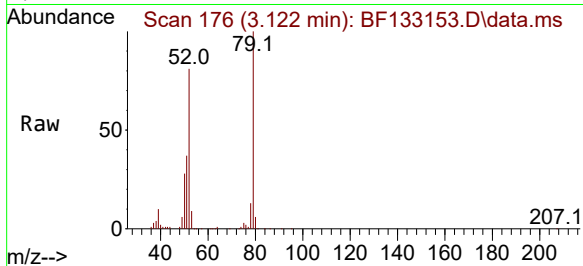




#3
Pyridine
Concen: 14.374 ng
RT: 3.122 min Scan# 171
Delta R.T. 0.035 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

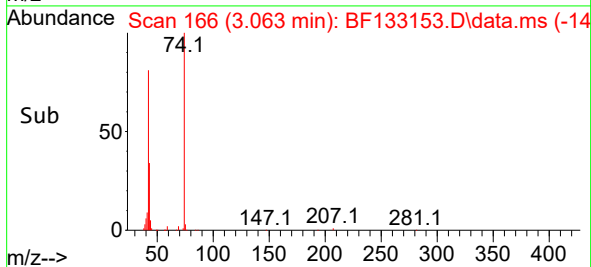
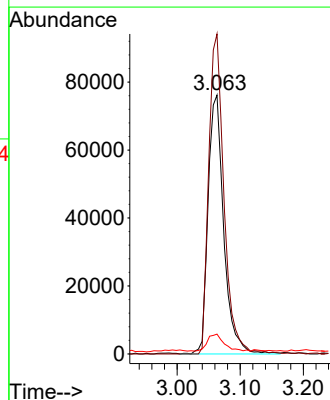
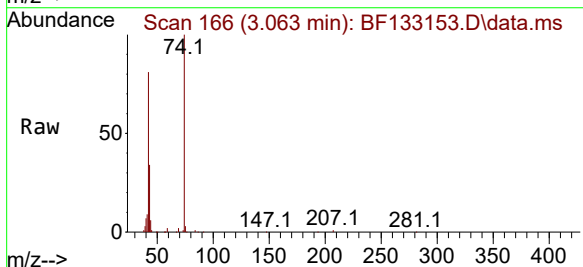
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

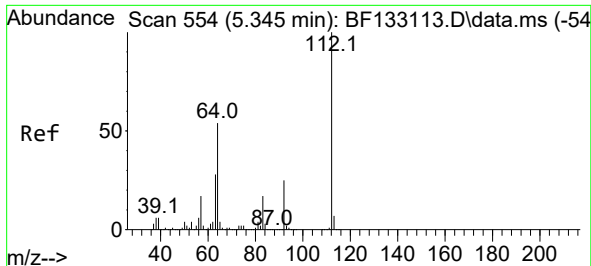
Tgt Ion: 79 Resp: 229482
Ion Ratio Lower Upper
79 100
52 80.8 64.6 96.8
51 37.5 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 15.863 ng
RT: 3.063 min Scan# 166
Delta R.T. 0.018 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion: 42 Resp: 131184
Ion Ratio Lower Upper
42 100
74 123.6 98.0 147.0
44 7.7 5.8 8.8

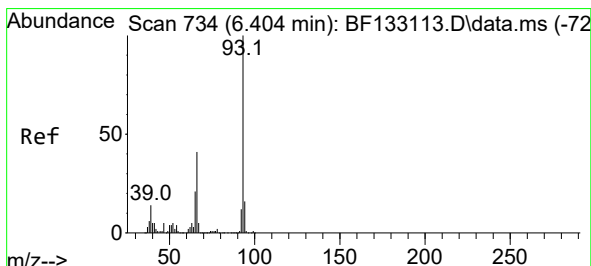
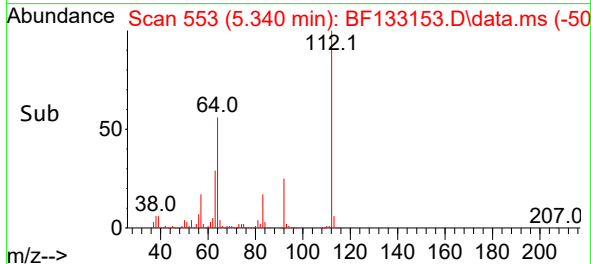
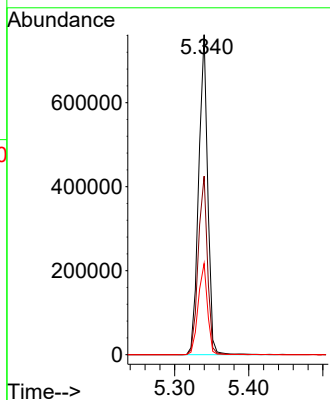
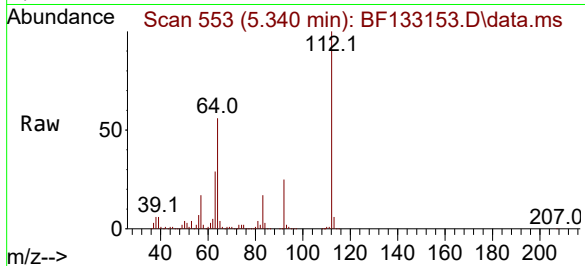




#5
2-Fluorophenol
Concen: 49.713 ng
RT: 5.340 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

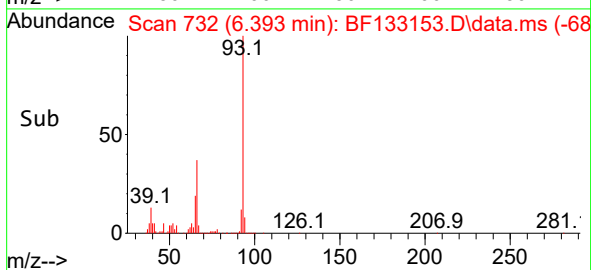
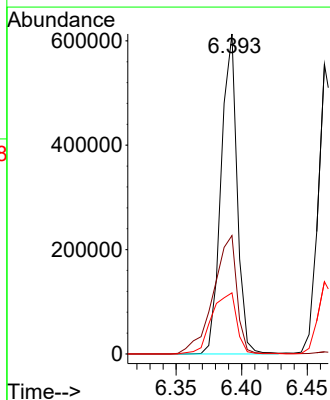
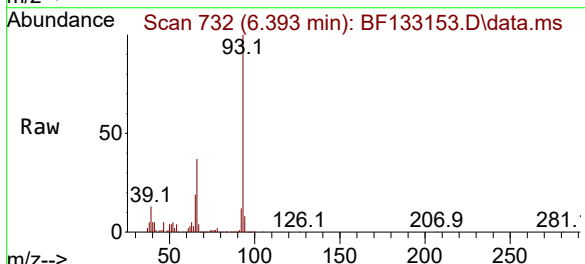
Instrument :
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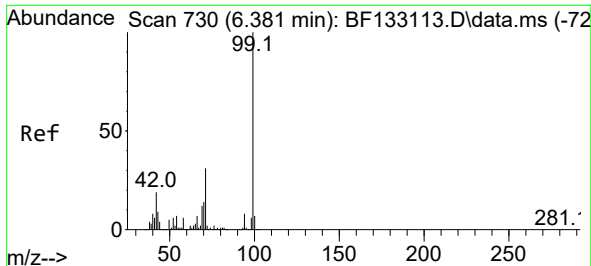
Tgt Ion:112 Resp: 644255
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.5 23.8 35.8



#6
Aniline
Concen: 25.086 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion: 93 Resp: 519713
Ion Ratio Lower Upper
93 100
66 37.0 31.5 47.3
65 19.1 16.4 24.6





#7

Phenol-d6

Concen: 31.926 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

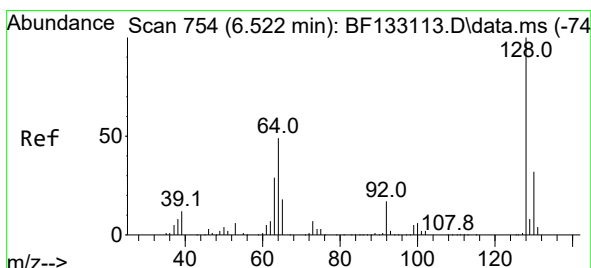
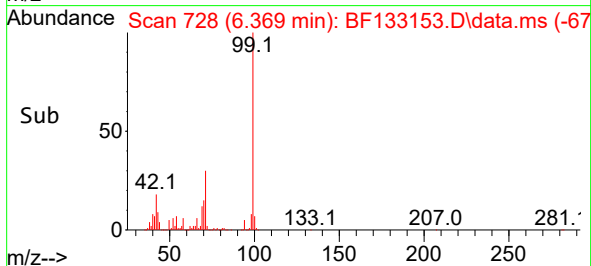
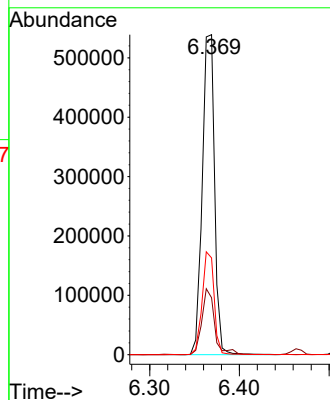
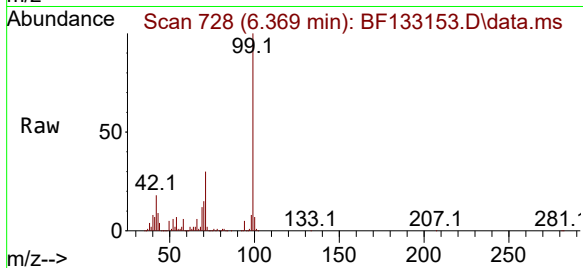
Tgt Ion: 99 Resp: 513552

Ion Ratio Lower Upper

99 100

42 17.8 16.3 24.5

71 30.3 25.6 38.4



#8

2-Chlorophenol

Concen: 31.761 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

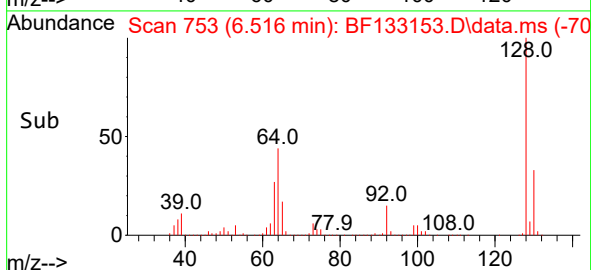
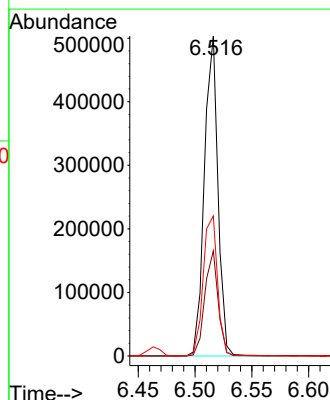
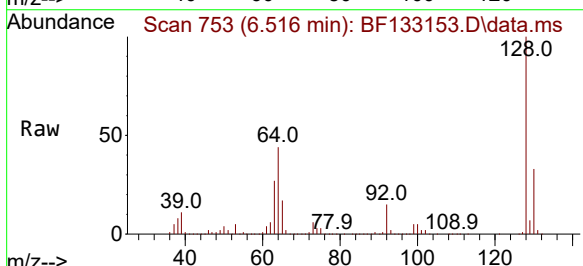
Tgt Ion: 128 Resp: 417912

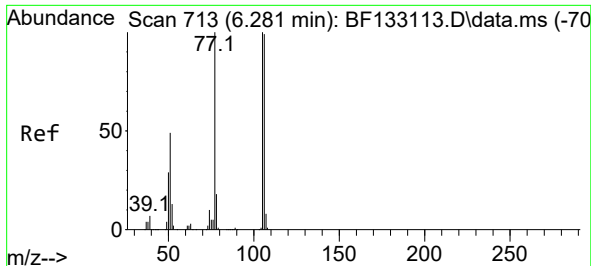
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

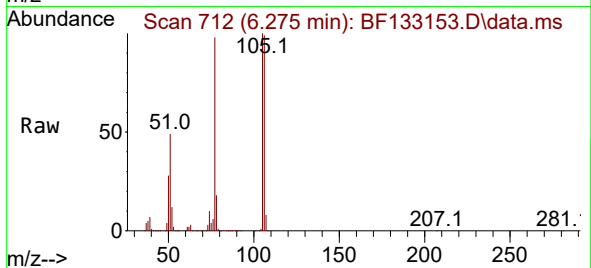
64 43.7 30.3 70.3



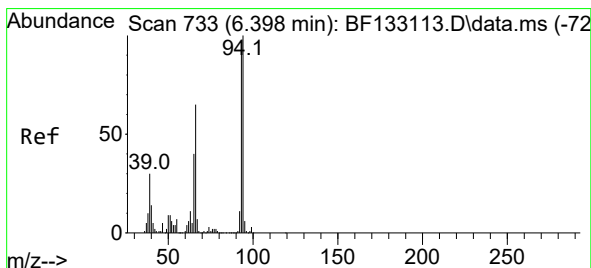
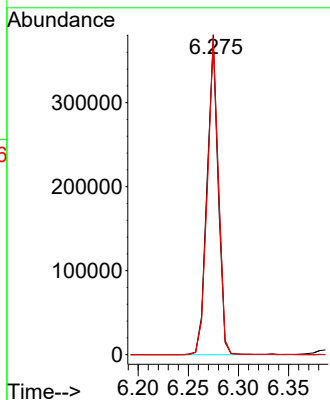
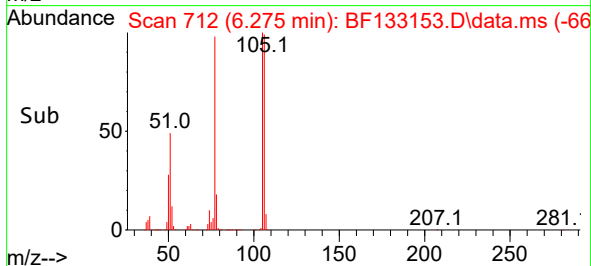


#9
Benzaldehyde
Concen: 38.819 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Instrument :
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ClientSampleId :
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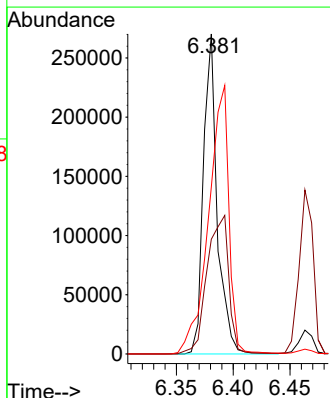
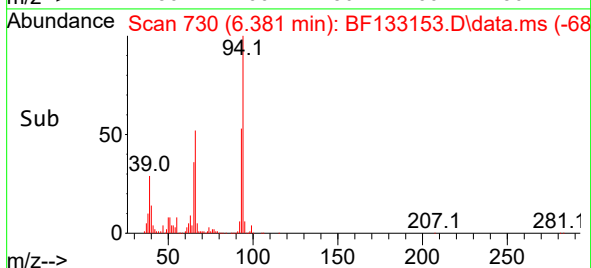
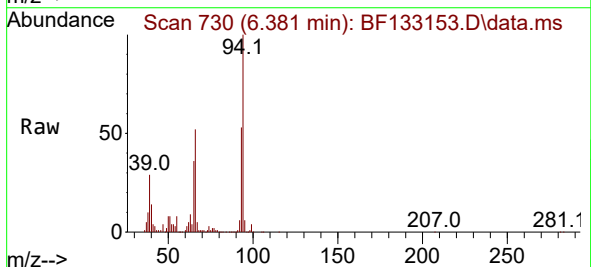


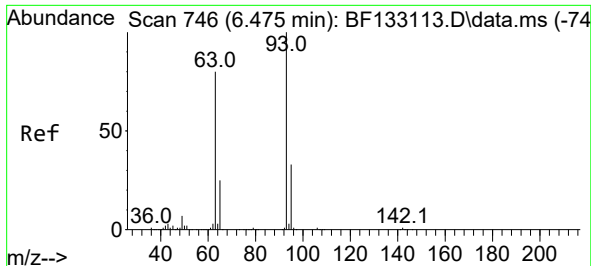
Tgt Ion: 77 Resp: 291103
Ion Ratio Lower Upper
77 100
105 102.5 82.3 122.3
106 101.4 80.8 120.8



#10
Phenol
Concen: 12.885 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion: 94 Resp: 228642
Ion Ratio Lower Upper
94 100
65 35.8 8.6 48.6
66 52.2 17.3 57.3

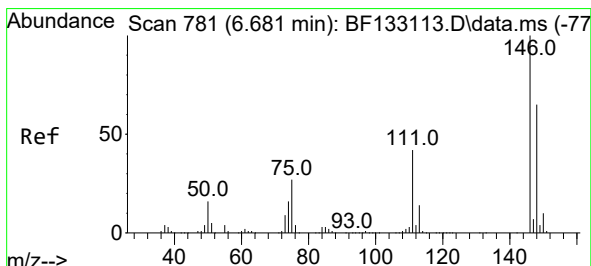
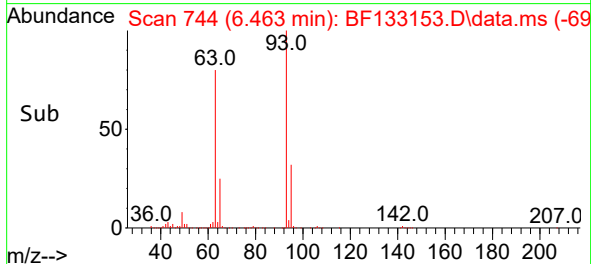
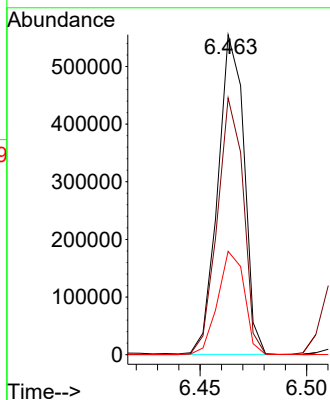
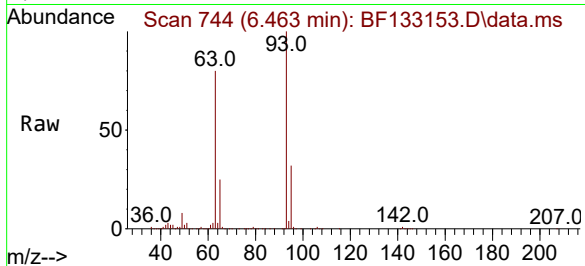




#11
bis(2-Chloroethyl)ether
Concen: 35.801 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

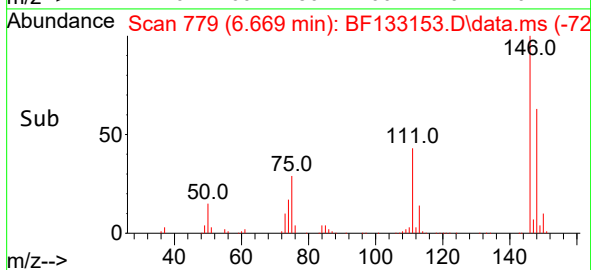
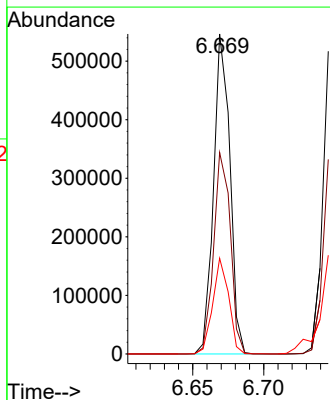
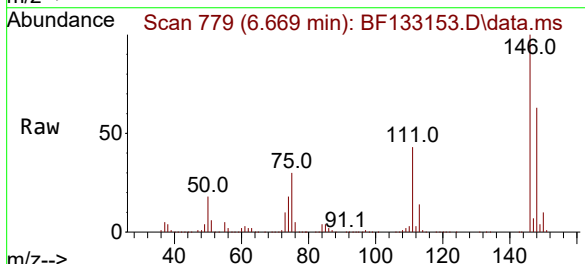
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

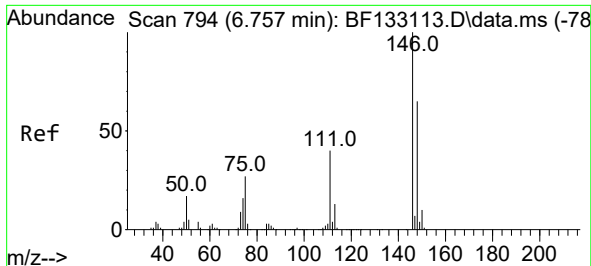
Tgt Ion: 93 Resp: 476728
Ion Ratio Lower Upper
93 100
63 80.3 60.6 100.6
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 31.099 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:146 Resp: 435057
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 29.9 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 32.162 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

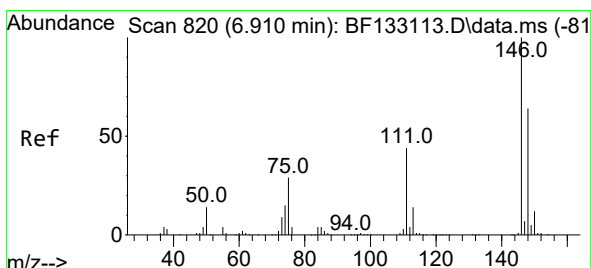
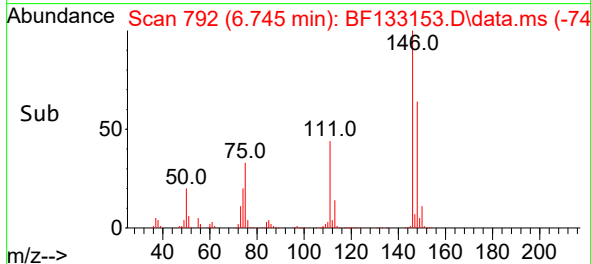
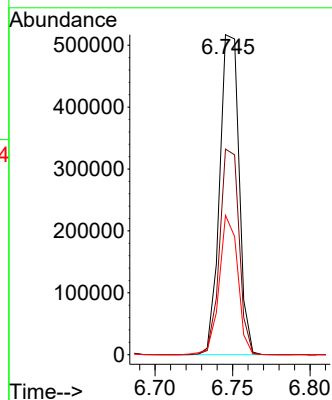
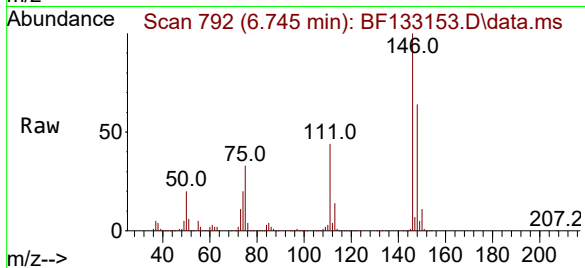
Tgt Ion:146 Resp: 450933

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

111 43.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 33.982 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

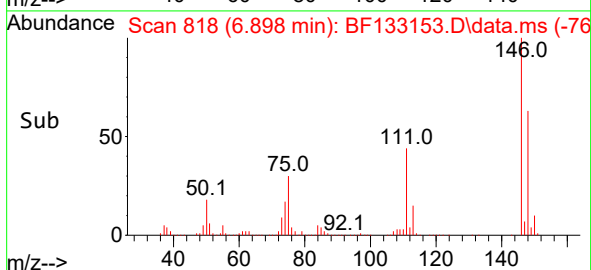
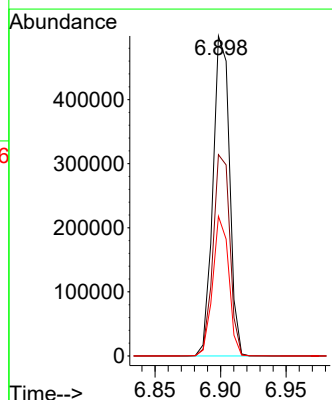
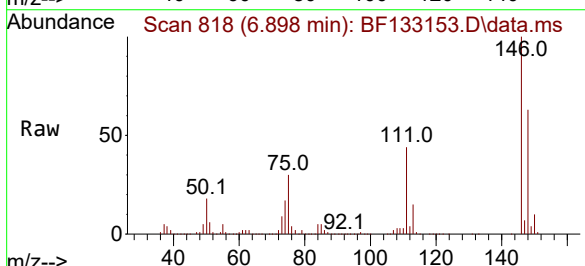
Tgt Ion:146 Resp: 439252

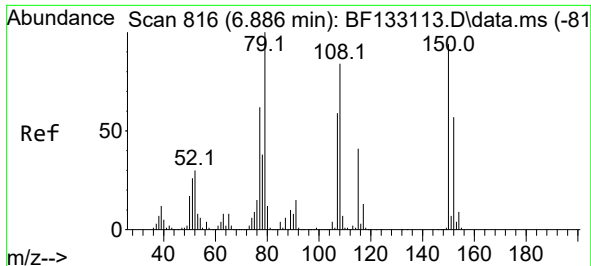
Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

111 43.6 32.8 49.2

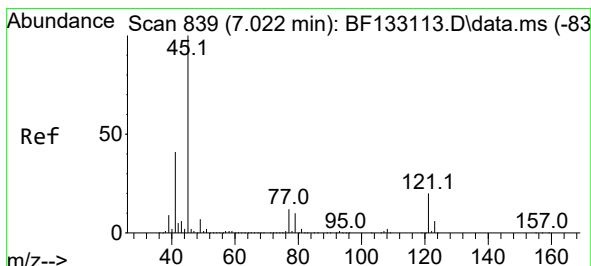
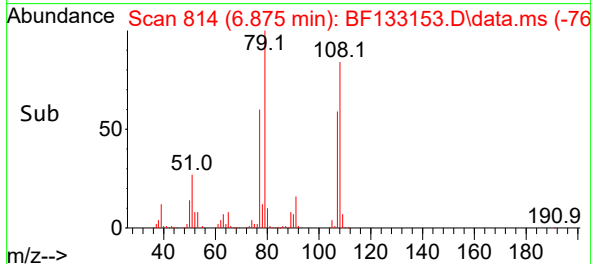
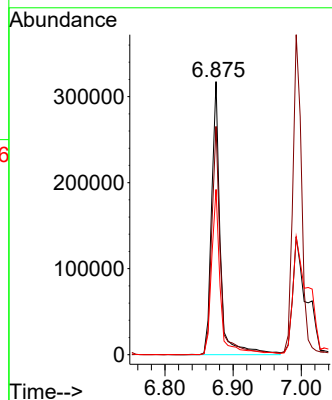
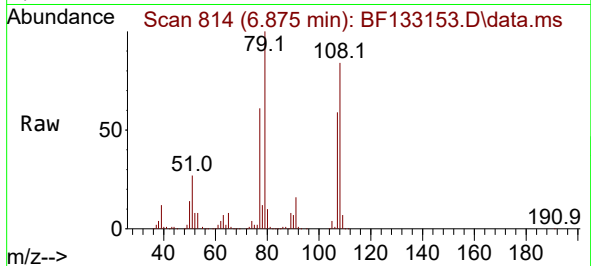




#15
Benzyl Alcohol
Concen: 25.572 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

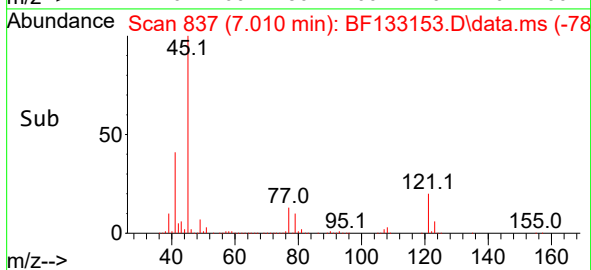
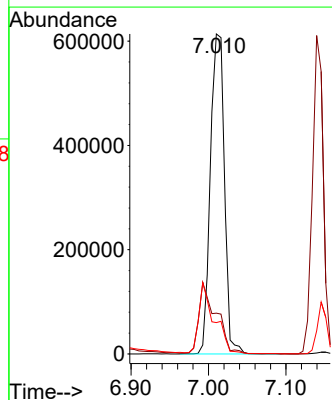
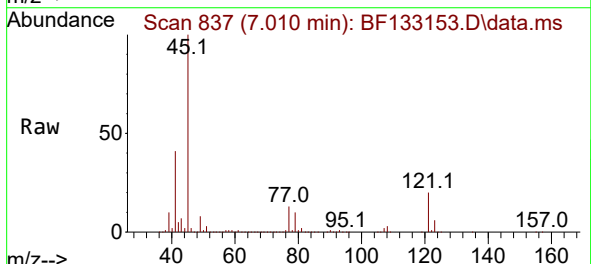
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

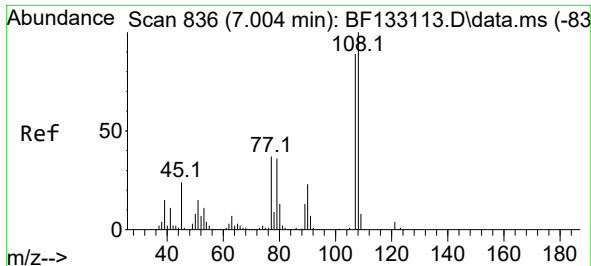
Tgt Ion: 79 Resp: 284141
Ion Ratio Lower Upper
79 100
108 83.6 66.6 99.8
77 60.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.359 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion: 45 Resp: 771545
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.8 0.0 28.7

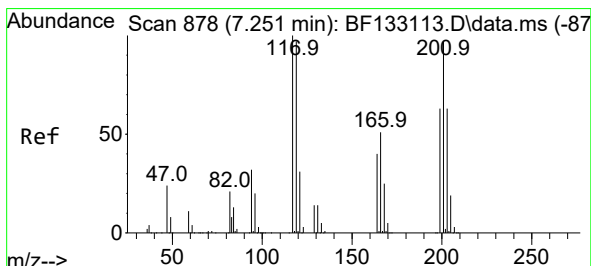
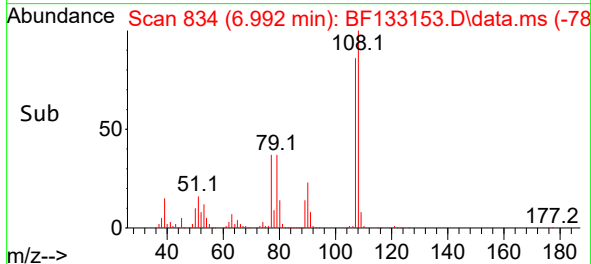
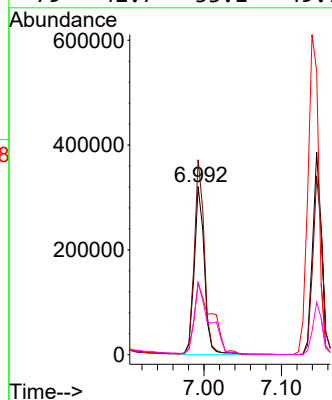
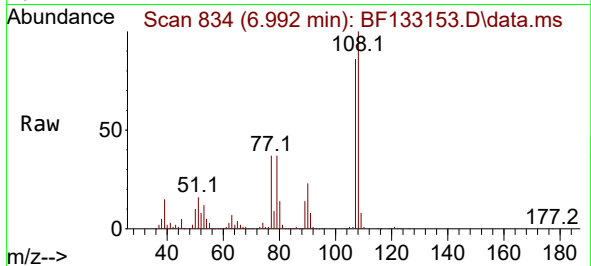




#17
2-Methylphenol
Concen: 24.268 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

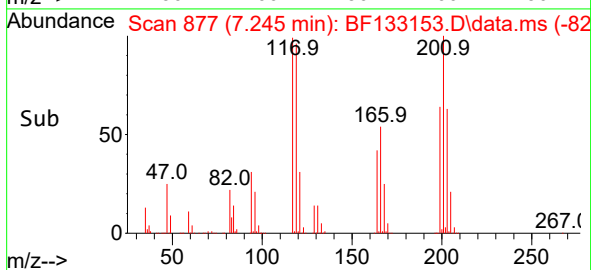
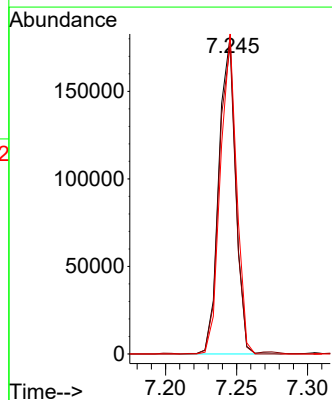
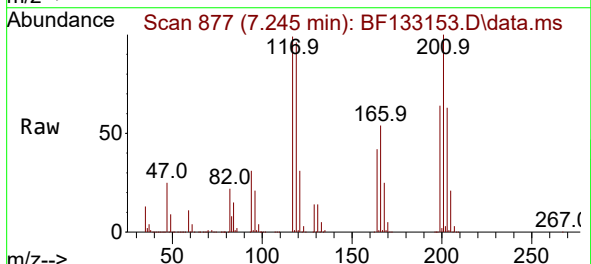
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

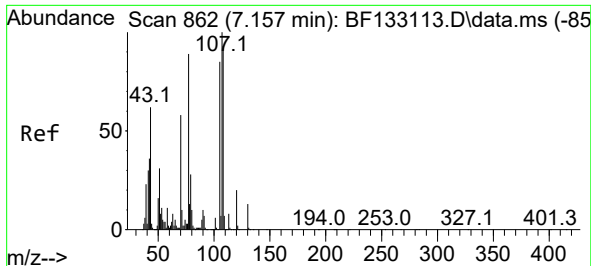
Tgt Ion:107 Resp: 292396
Ion Ratio Lower Upper
107 100
108 115.9 92.4 138.6
77 42.7 33.8 50.8
79 42.7 33.1 49.7



#18
Hexachloroethane
Concen: 30.539 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:117 Resp: 148860
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.4
201 100.8 81.7 122.5

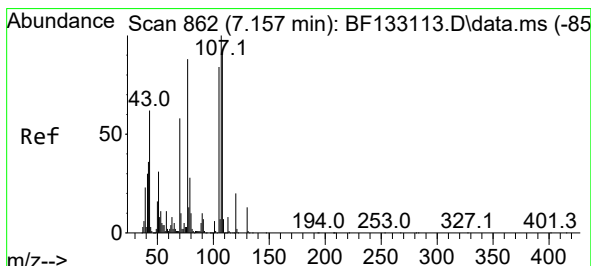
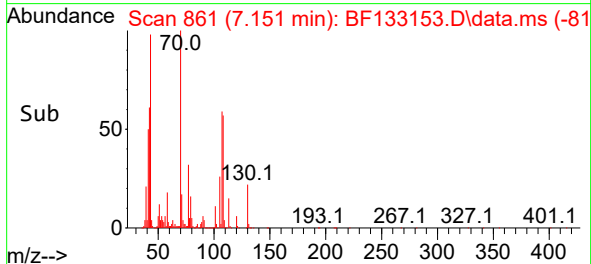
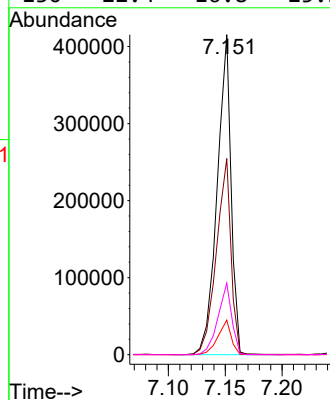
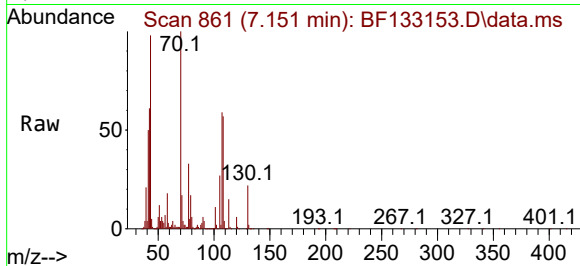




#19
n-Nitroso-di-n-propylamine
Concen: 35.410 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

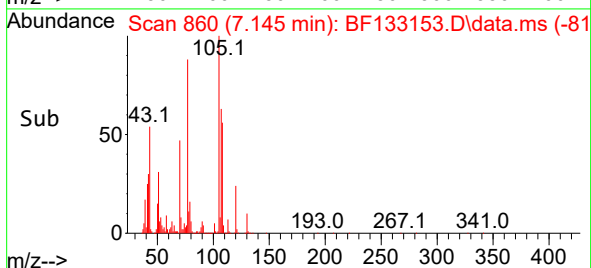
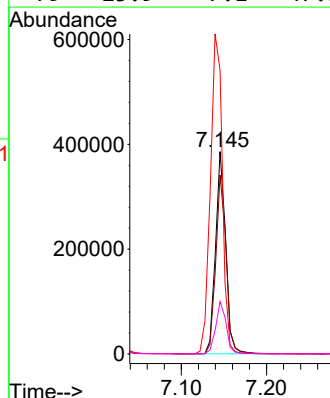
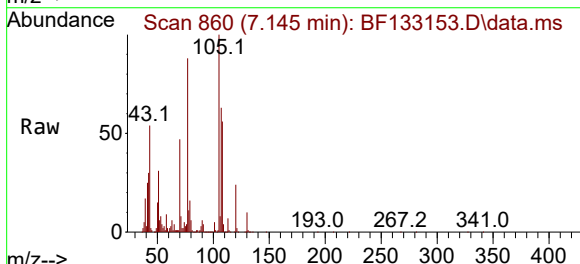
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

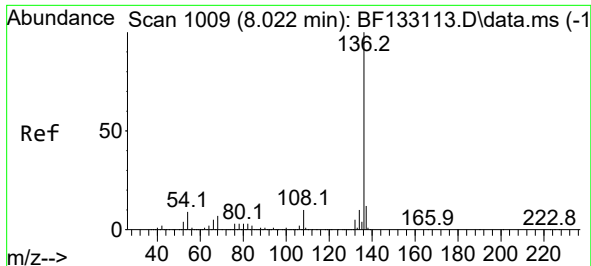
Tgt Ion: 70 Resp: 354603
Ion Ratio Lower Upper
70 100
42 61.3 51.8 77.6
101 10.8 8.0 12.0
130 22.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 22.657 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:107 Resp: 321489
Ion Ratio Lower Upper
107 100
108 88.4 70.5 110.5
77 140.3 91.7 131.7#
79 25.9 7.1 47.1

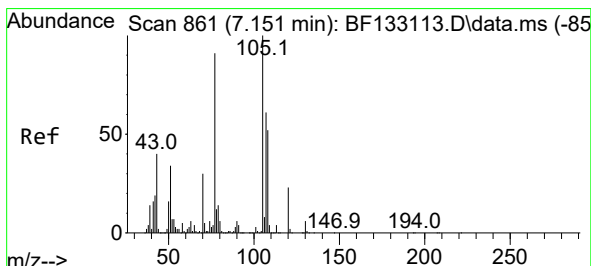
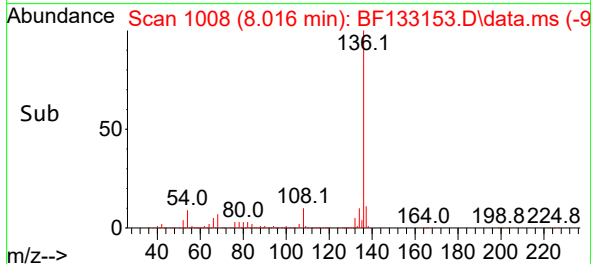
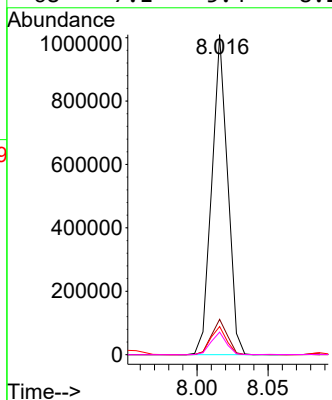
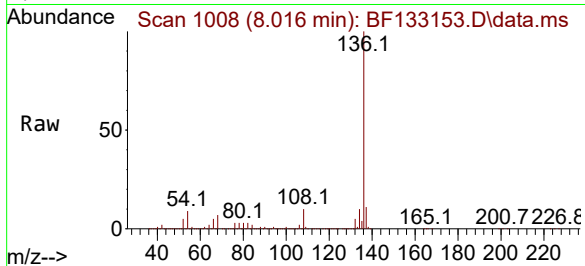




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

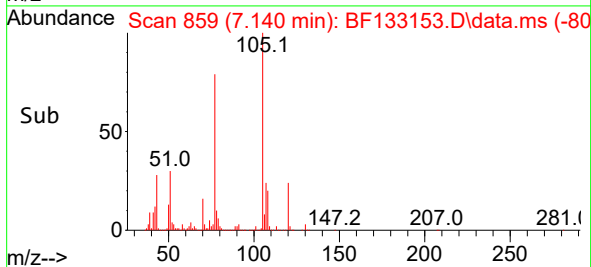
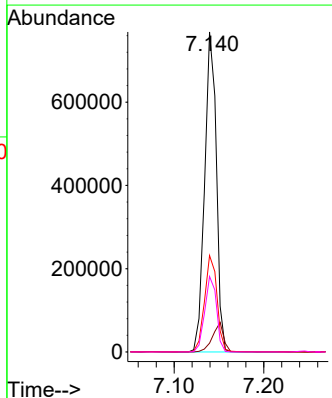
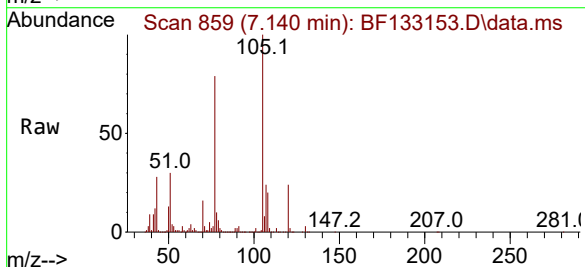
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

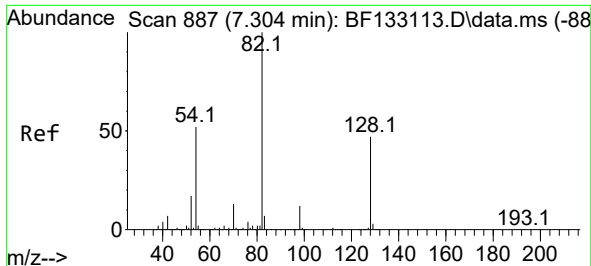
Tgt Ion:136 Resp: 779426
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 7.0 10.4
68 7.1 5.4 8.2



#22
Acetophenone
Concen: 38.530 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:105 Resp: 695669
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 30.2 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 70.144 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

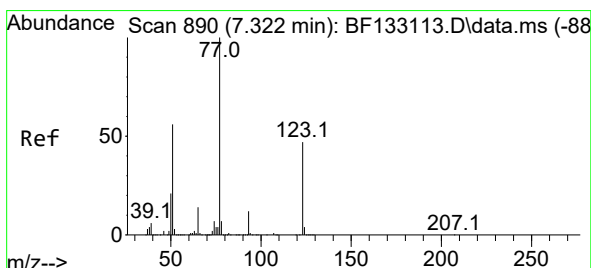
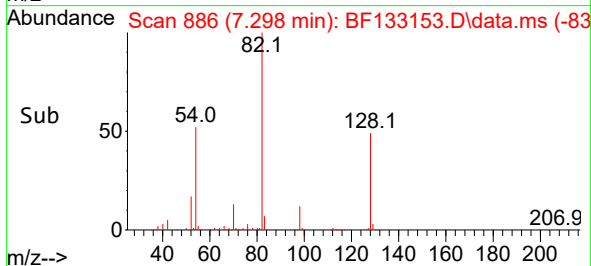
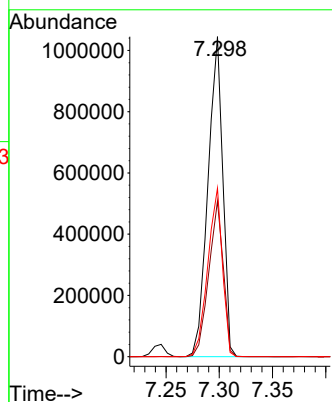
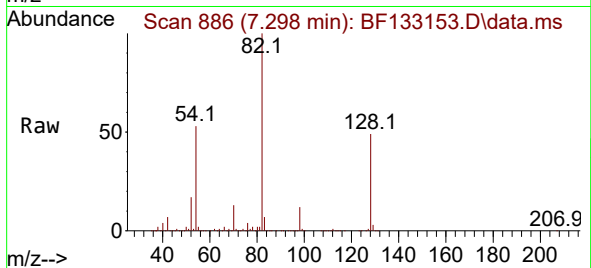
Tgt Ion: 82 Resp: 1012874

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

54 52.6 43.0 64.4



#24

Nitrobenzene

Concen: 35.309 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

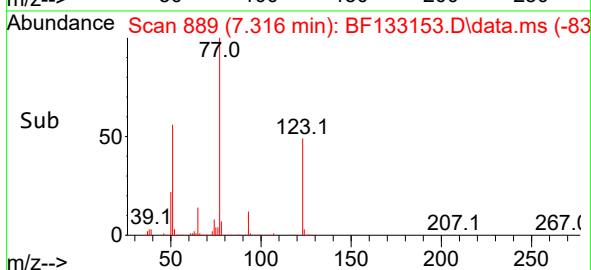
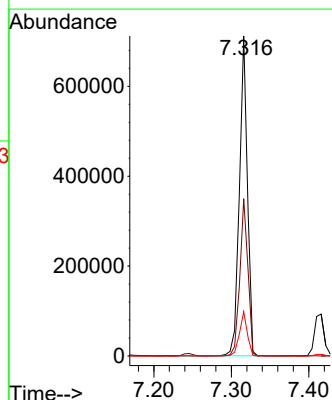
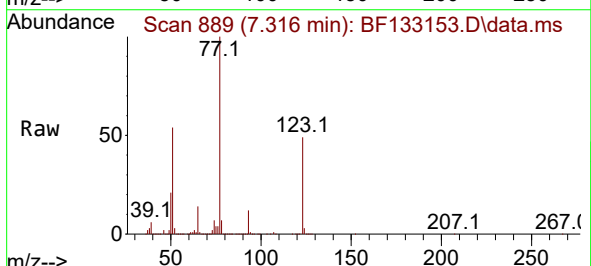
Tgt Ion: 77 Resp: 516652

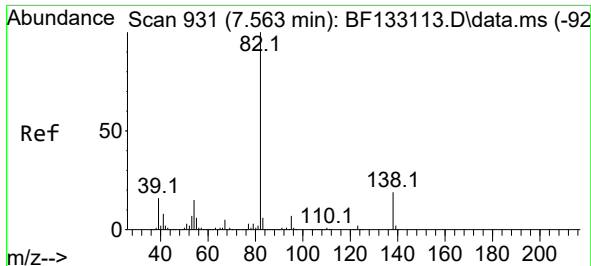
Ion Ratio Lower Upper

77 100

123 49.1 39.9 59.9

65 13.8 10.7 16.1

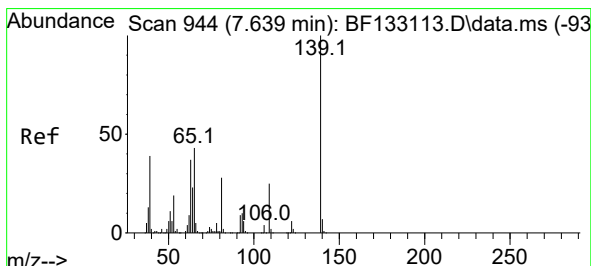
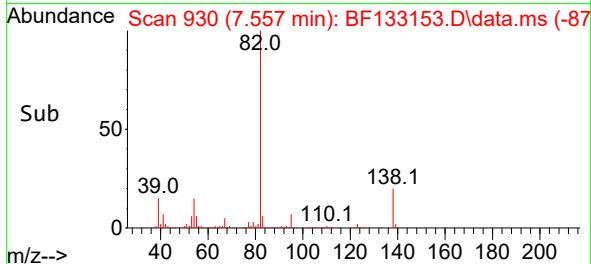
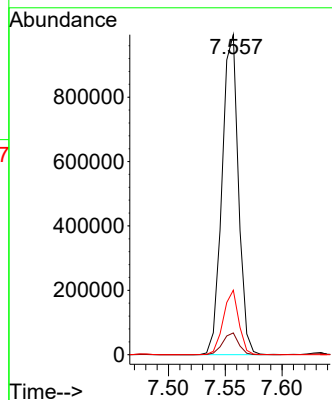
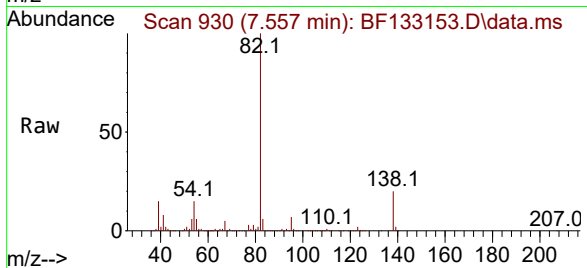




#25
Isophorone
Concen: 36.505 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

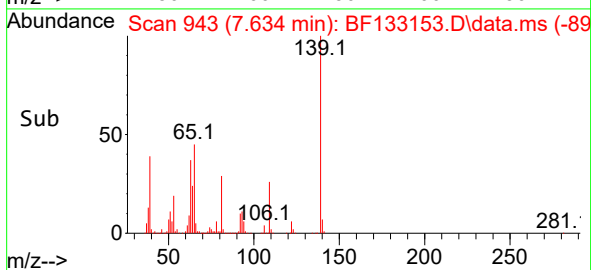
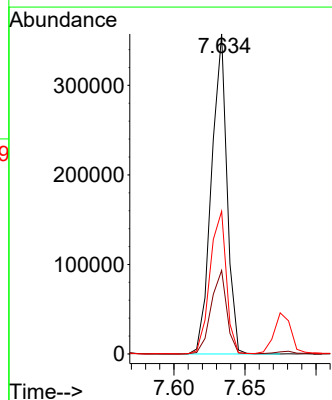
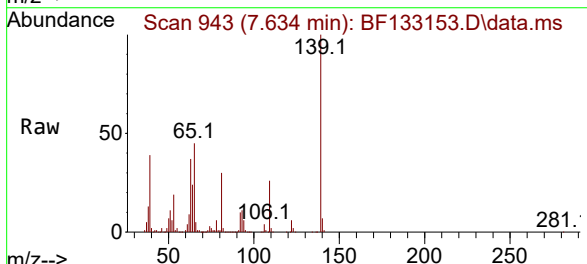
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

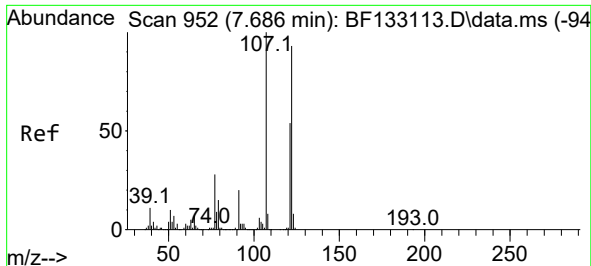
Tgt Ion: 82 Resp: 1000853
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.1 16.0 24.0



#26
2-Nitrophenol
Concen: 38.650 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion: 139 Resp: 272781
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 44.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 34.861 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

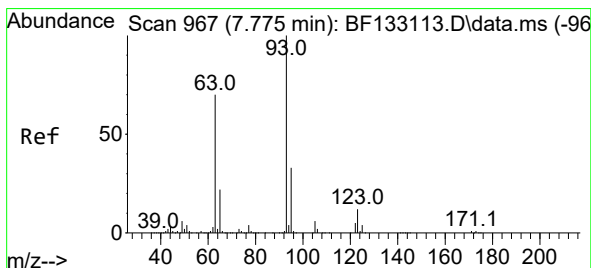
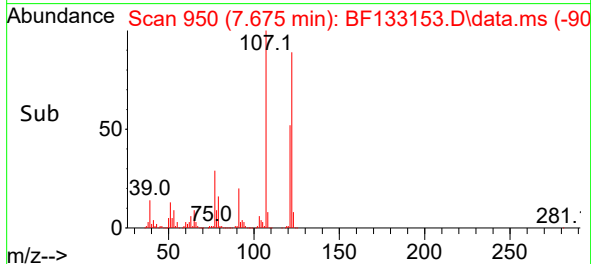
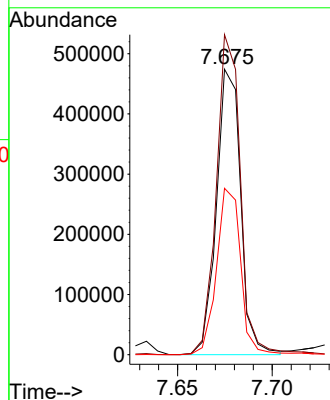
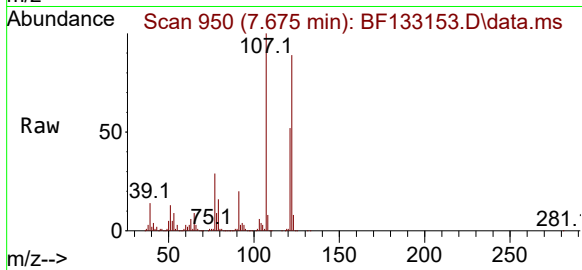
Tgt Ion:122 Resp: 421881

Ion Ratio Lower Upper

122 100

107 112.1 89.7 134.5

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.743 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

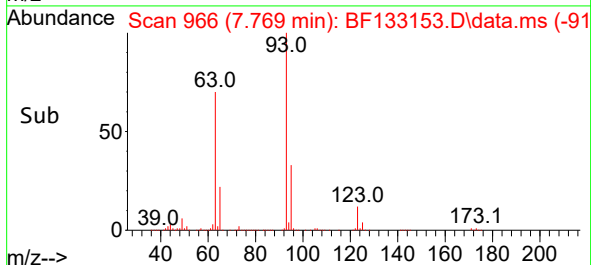
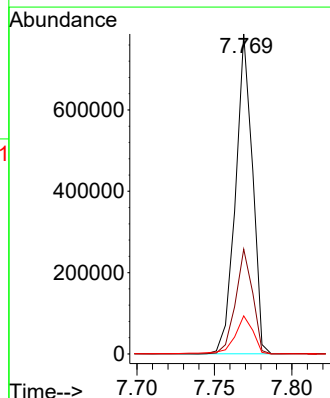
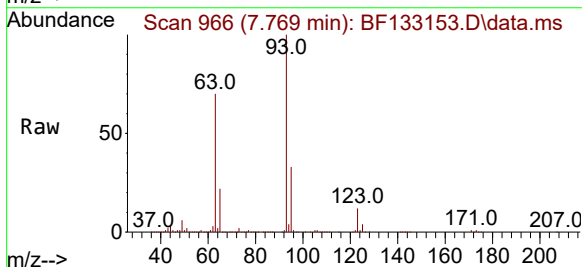
Tgt Ion: 93 Resp: 595946

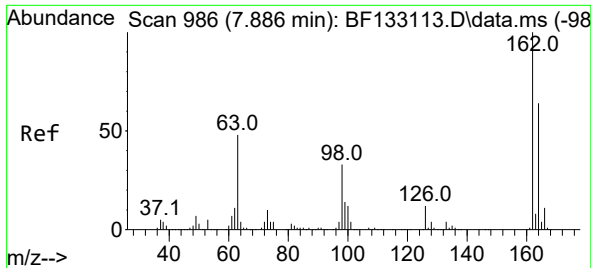
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 36.739 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

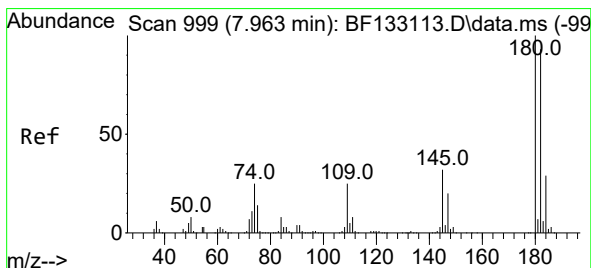
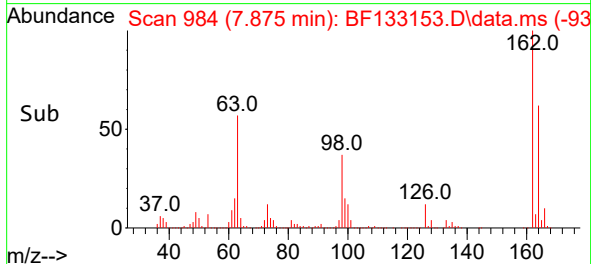
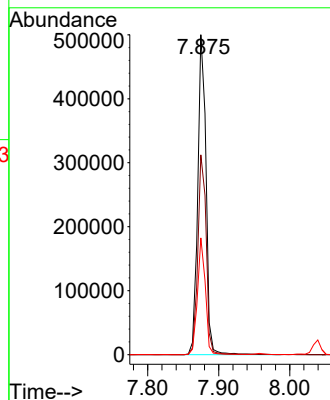
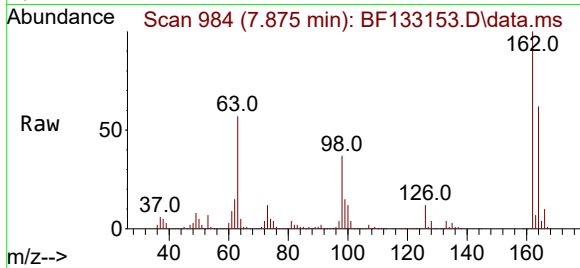
Tgt Ion:162 Resp: 404752

Ion Ratio Lower Upper

162 100

164 62.5 43.9 83.9

98 36.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 34.825 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

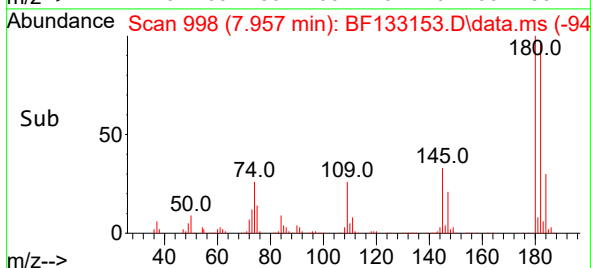
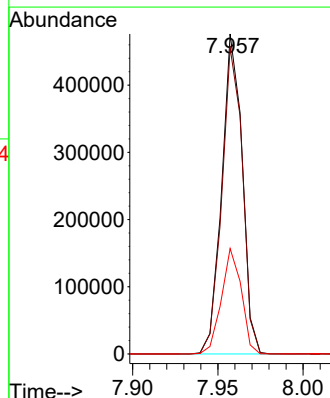
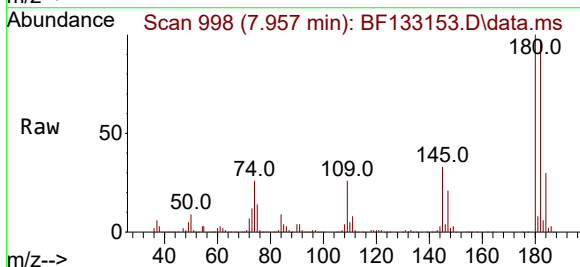
Tgt Ion:180 Resp: 397476

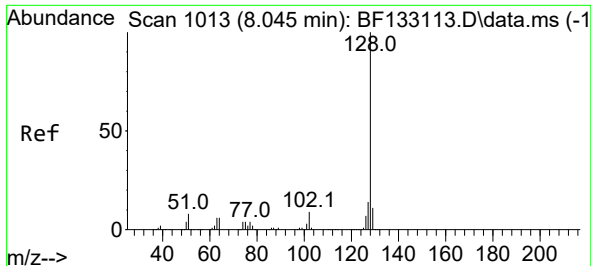
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 33.0 25.3 37.9

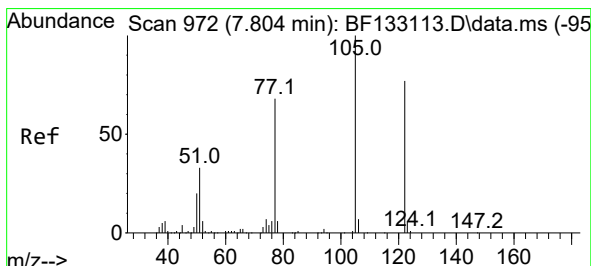
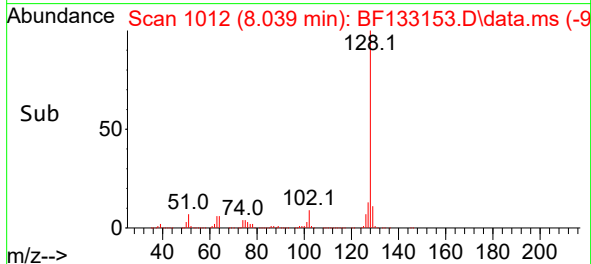
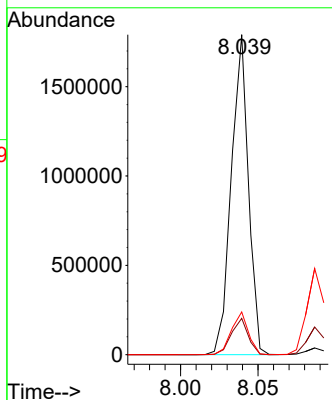
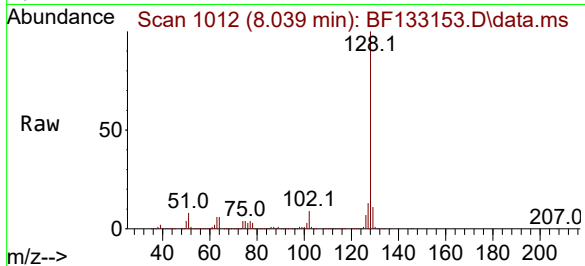




#31
Naphthalene
Concen: 35.319 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

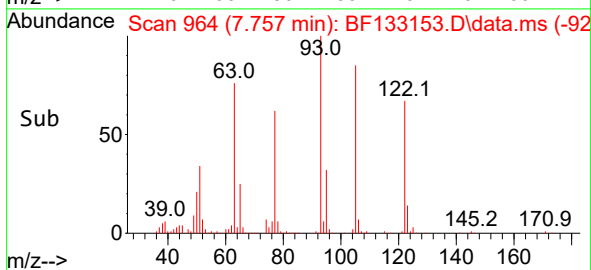
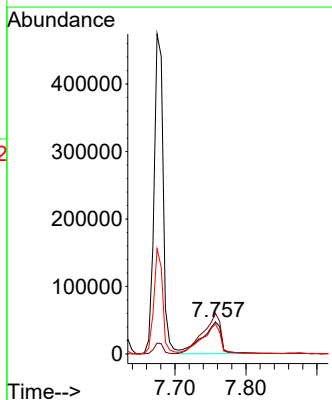
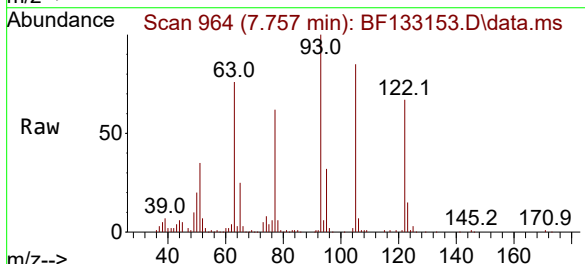
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

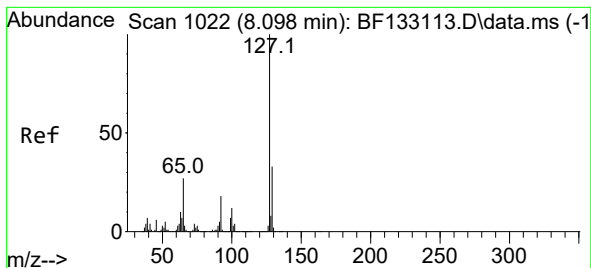
Tgt Ion:128 Resp: 1376327
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 12.247 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.047 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:122 Resp: 91550
Ion Ratio Lower Upper
122 100
105 126.8 104.2 144.2
77 93.2 69.7 109.7





#33

4-Chloroaniline

Concen: 24.668 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

Tgt Ion:127 Resp: 388396

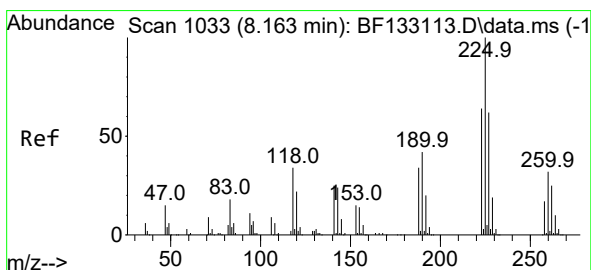
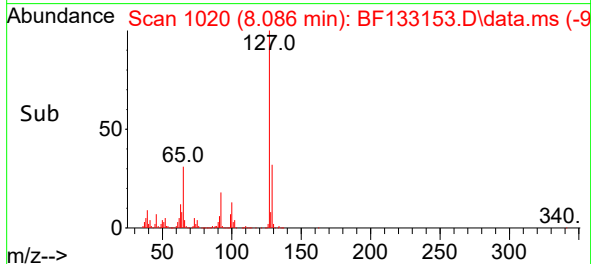
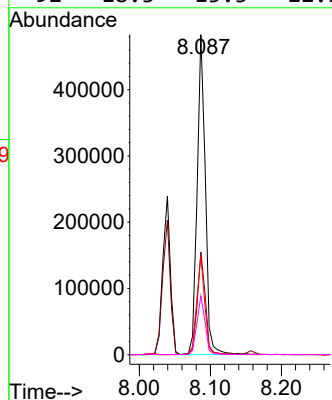
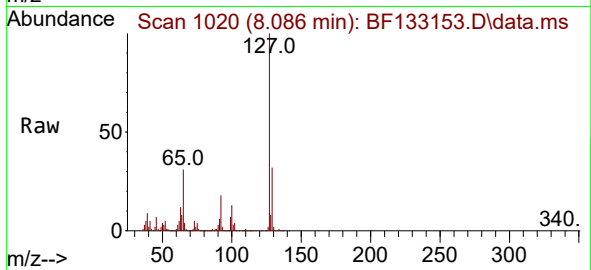
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 31.0 23.6 35.4

92 18.3 15.3 22.9



#34

Hexachlorobutadiene

Concen: 33.209 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

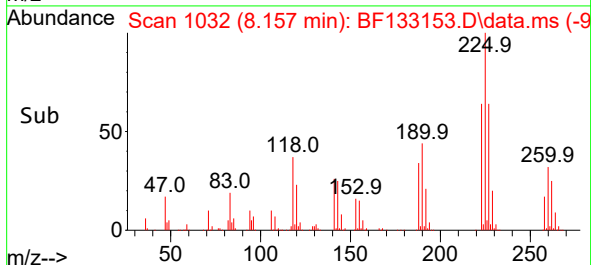
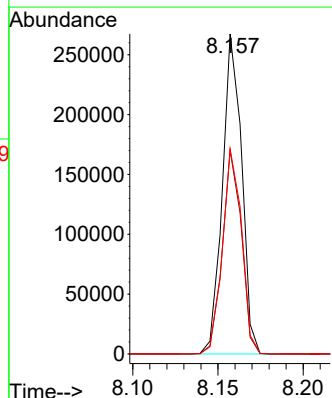
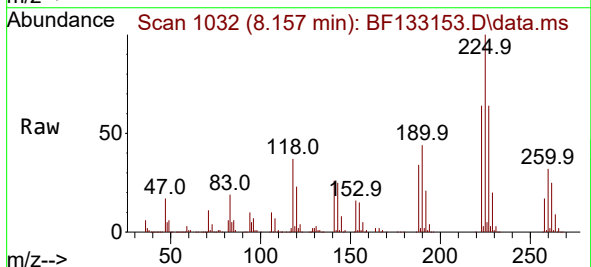
Tgt Ion:225 Resp: 210076

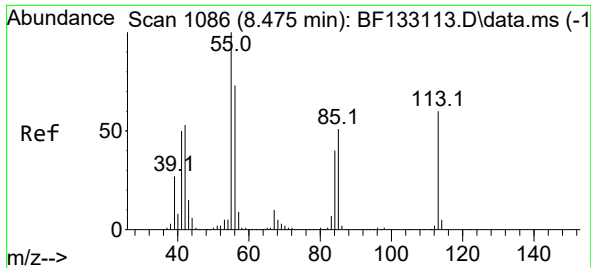
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 64.1 50.3 75.5

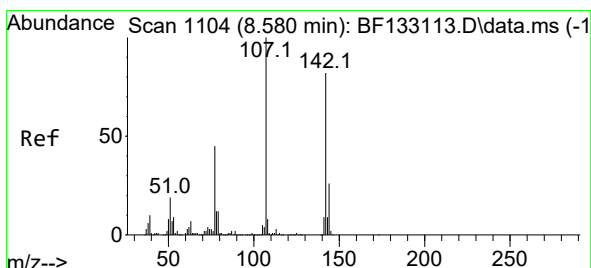
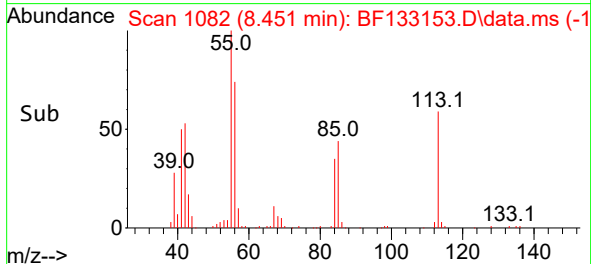
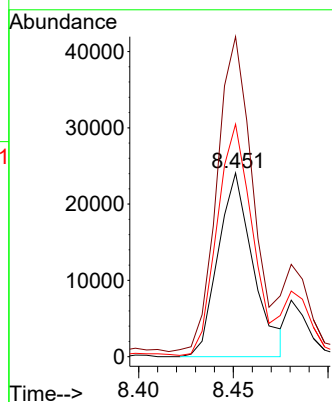
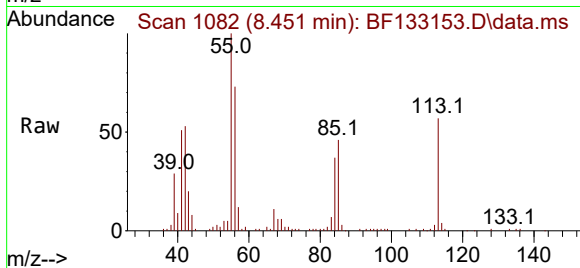




#35
 Caprolactam
 Concen: 8.378 ng
 RT: 8.451 min Scan# 1102
 Delta R.T. -0.017 min
 Lab File: BF133153.D
 Acq: 01 May 2023 13:49

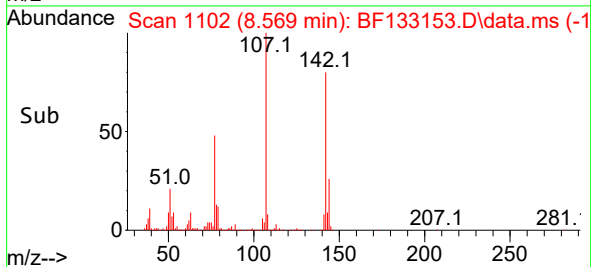
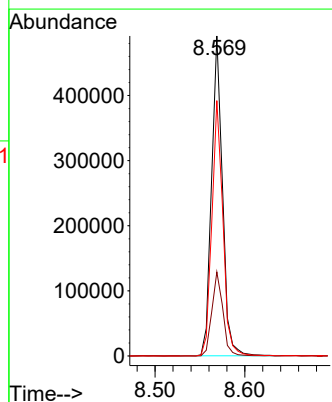
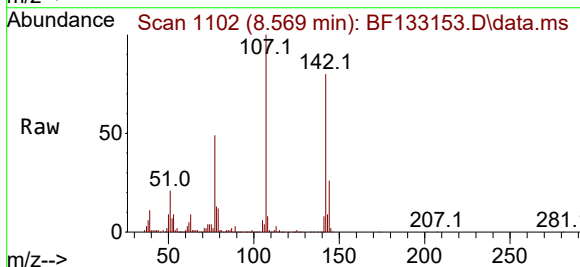
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

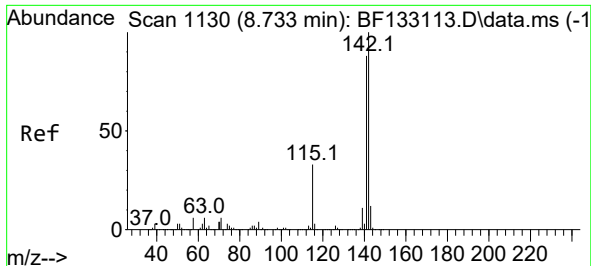
Tgt Ion:113 Resp: 31007
 Ion Ratio Lower Upper
 113 100
 55 174.2 167.1 207.1
 56 126.6 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 34.953 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133153.D
 Acq: 01 May 2023 13:49

Tgt Ion:107 Resp: 415249
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 79.8 62.8 94.2

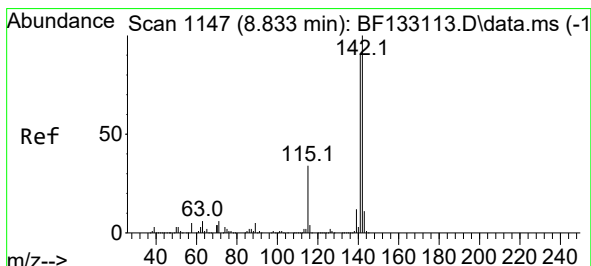
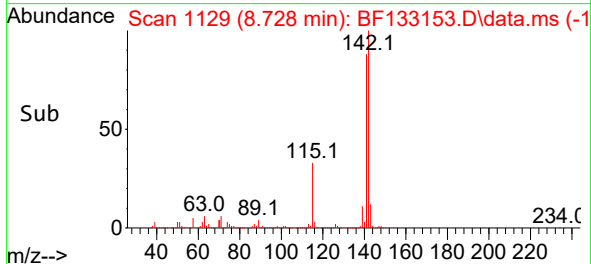
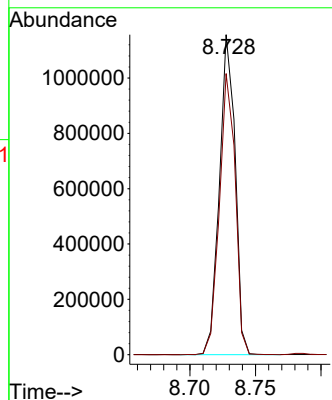
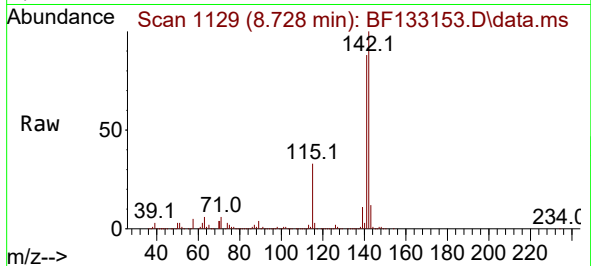




#37
2-Methylnaphthalene
Concen: 36.076 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

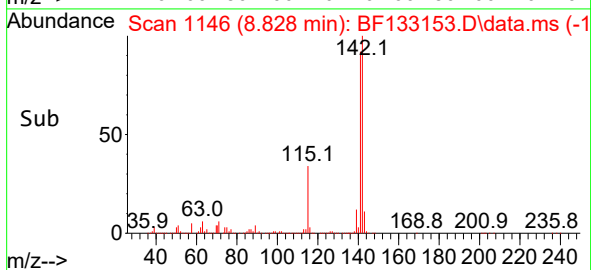
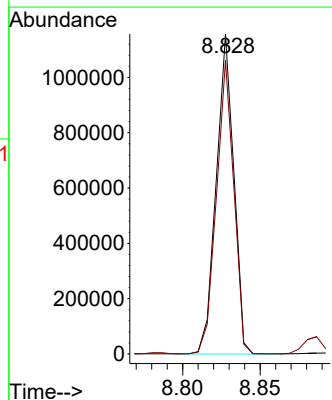
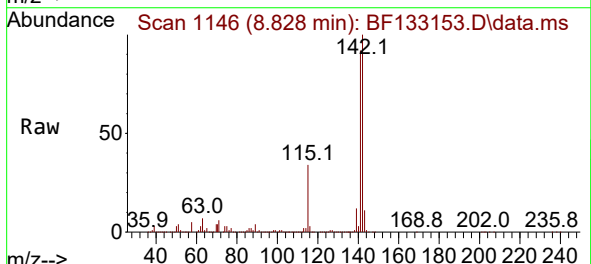
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

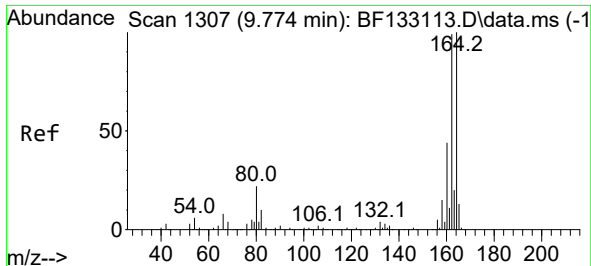
Tgt Ion:142 Resp: 961132
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.0



#38
1-Methylnaphthalene
Concen: 36.500 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:142 Resp: 909705
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

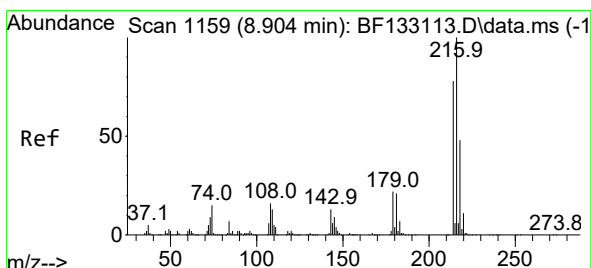
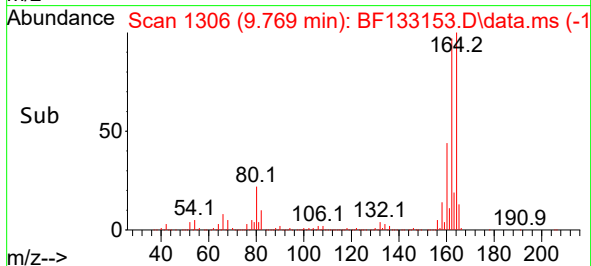
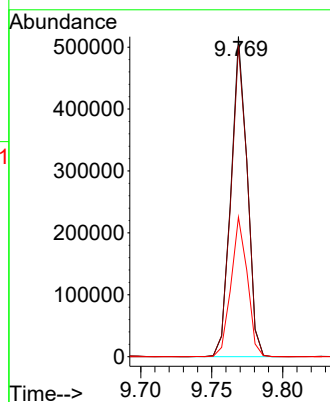
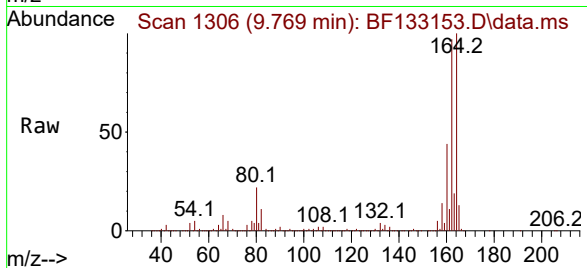
Tgt Ion:164 Resp: 408781

Ion Ratio Lower Upper

164 100

162 97.2 78.7 118.1

160 43.6 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.991 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Tgt Ion:216 Resp: 395579

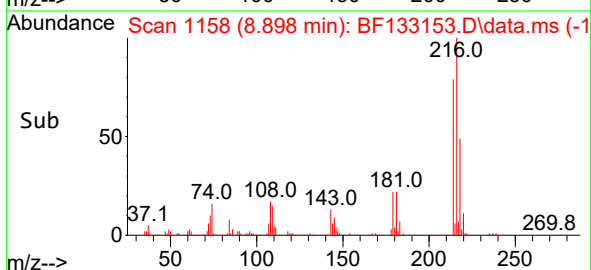
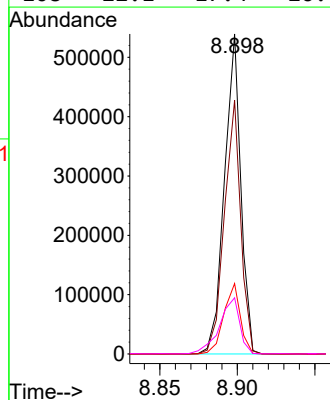
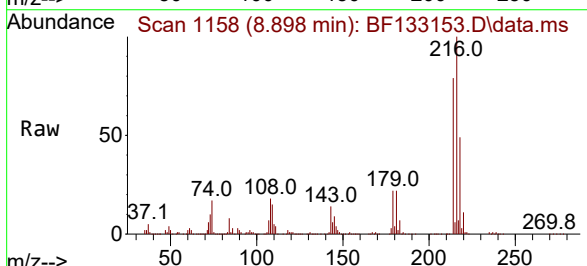
Ion Ratio Lower Upper

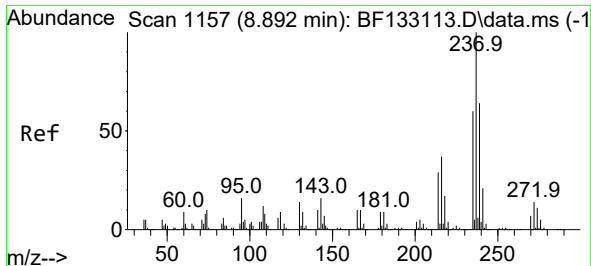
216 100

214 79.3 63.5 95.3

179 22.2 17.4 26.2

108 22.1 17.4 26.0

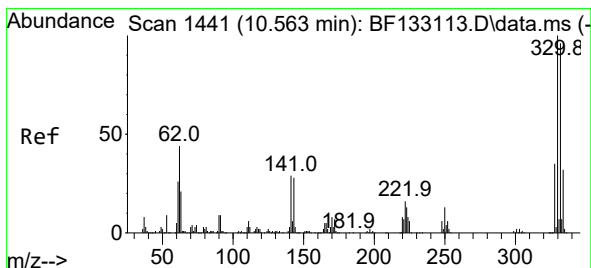
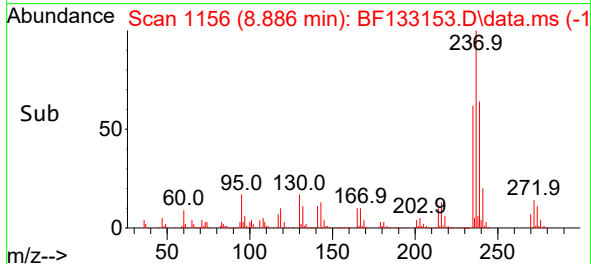
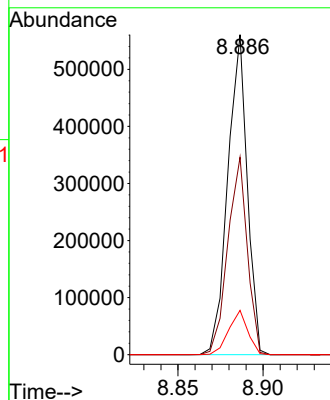
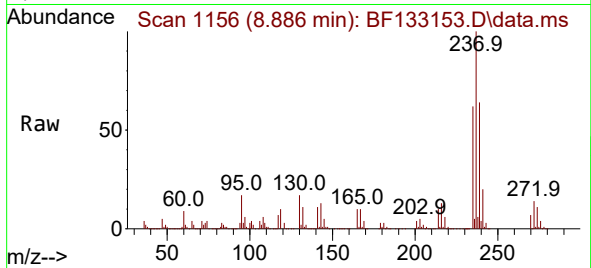




#41
Hexachlorocyclopentadiene
Concen: 69.570 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

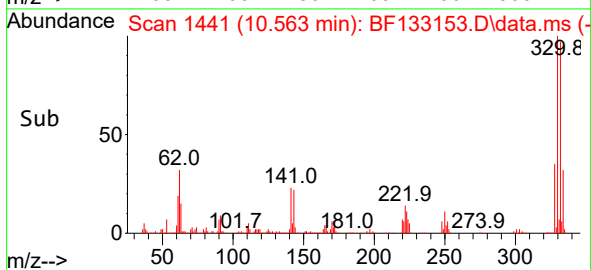
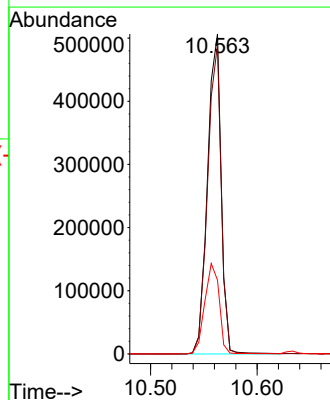
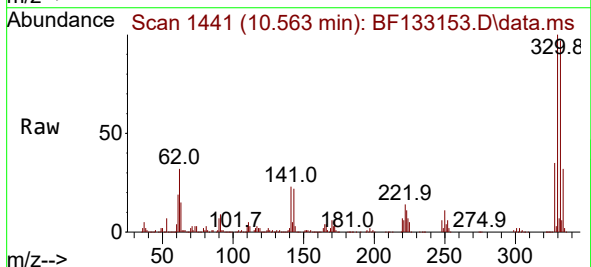
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

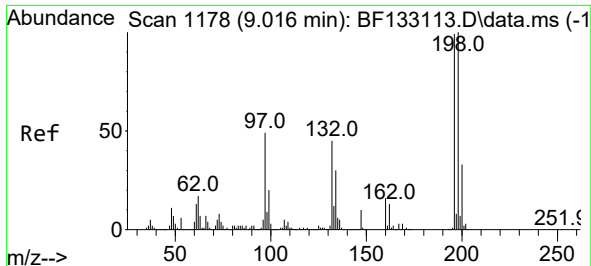
Tgt Ion:237 Resp: 445939
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 13.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 110.284 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:330 Resp: 453387
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 30.0 25.8 38.8

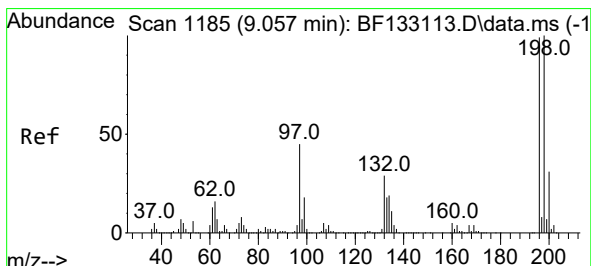
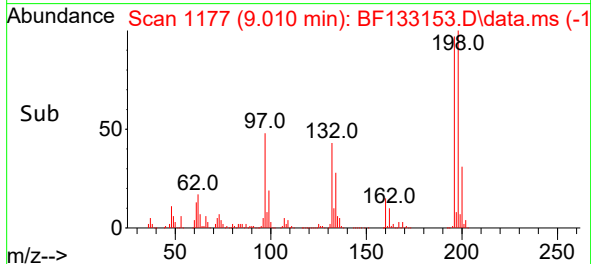
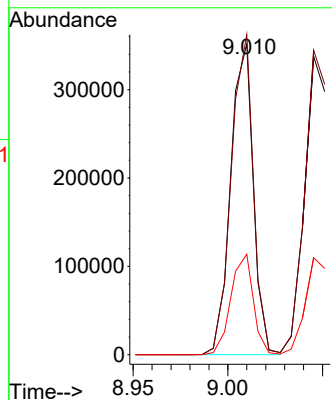
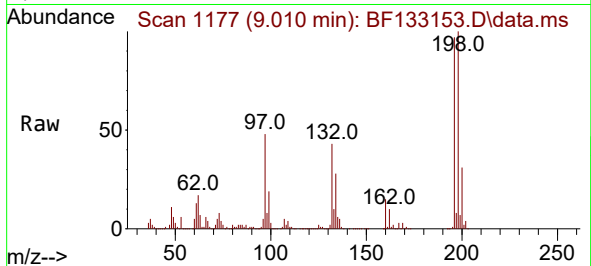




#43
2,4,6-Trichlorophenol
Concen: 38.478 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

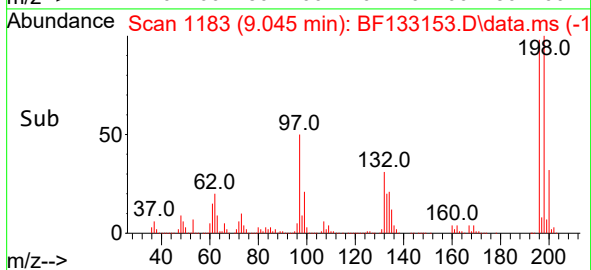
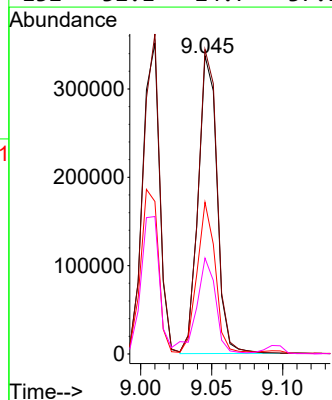
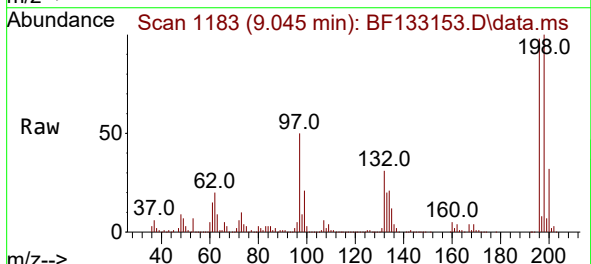
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

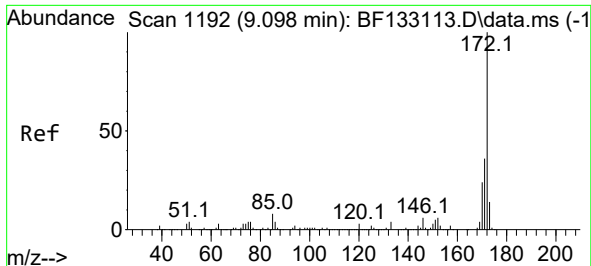
Tgt Ion:196 Resp: 292475
Ion Ratio Lower Upper
196 100
198 103.0 81.0 121.6
200 32.3 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 35.619 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:196 Resp: 313122
Ion Ratio Lower Upper
196 100
198 102.1 80.9 121.3
97 50.8 41.3 61.9
132 32.1 24.7 37.1

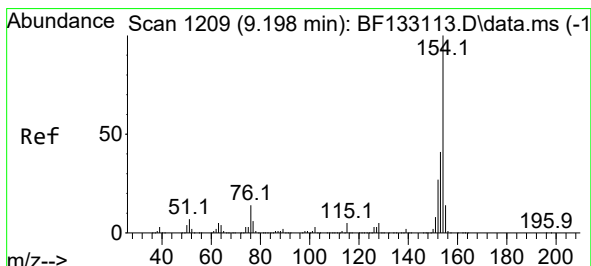
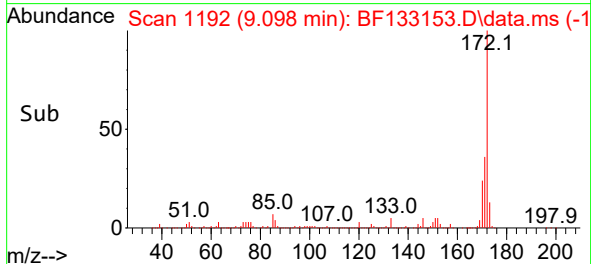
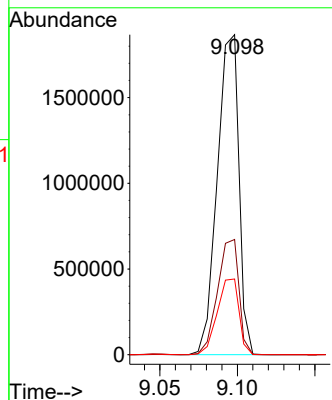
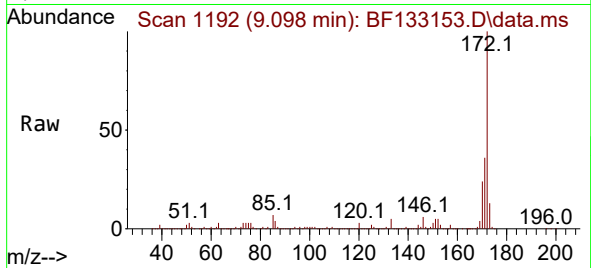




#45
2-Fluorobiphenyl
Concen: 74.150 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

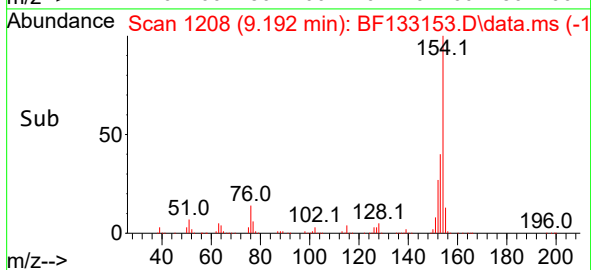
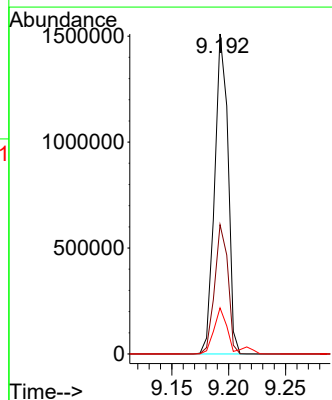
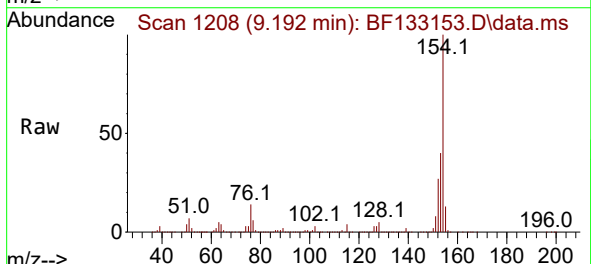
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

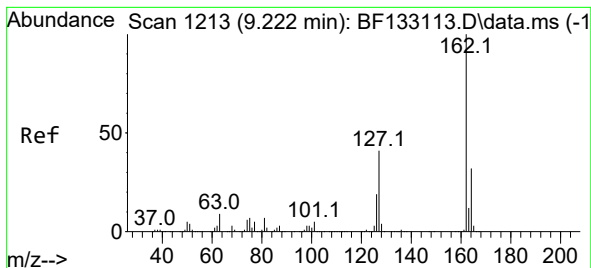
Tgt Ion:172 Resp: 1811776
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 19.4 29.2



#46
1,1'-Biphenyl
Concen: 38.147 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:154 Resp: 1236531
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 14.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.553 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

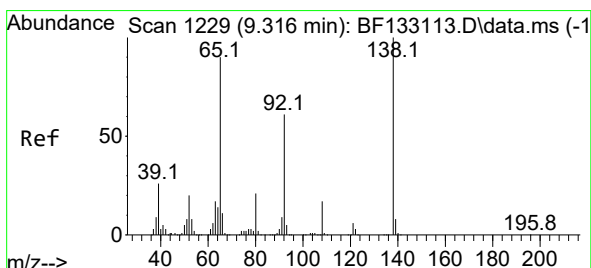
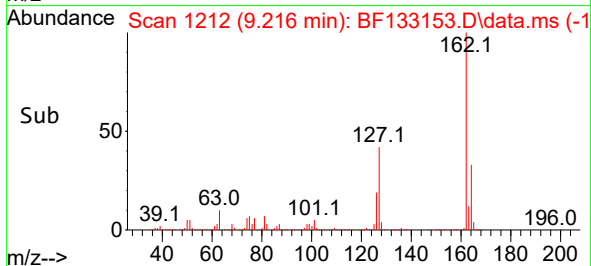
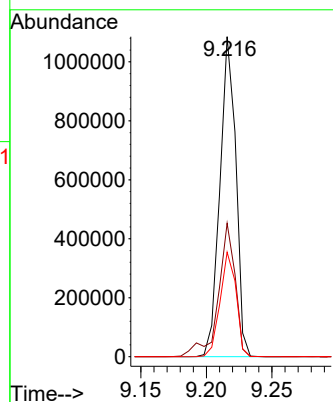
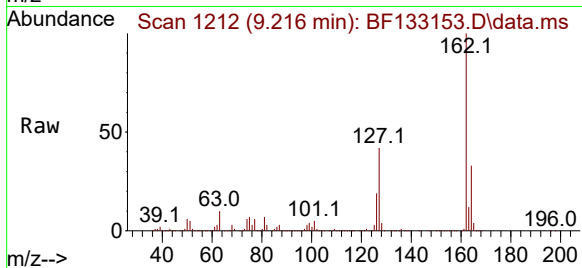
Tgt Ion:162 Resp: 914685

Ion Ratio Lower Upper

162 100

127 41.7 32.3 48.5

164 32.6 26.8 40.2



#48

2-Nitroaniline

Concen: 38.085 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

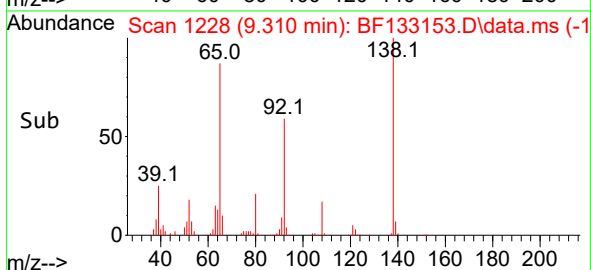
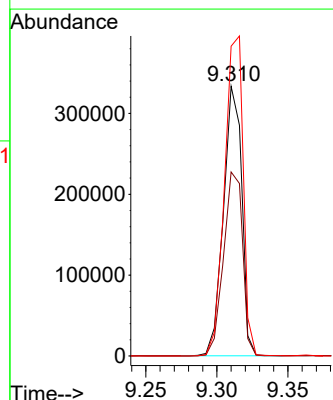
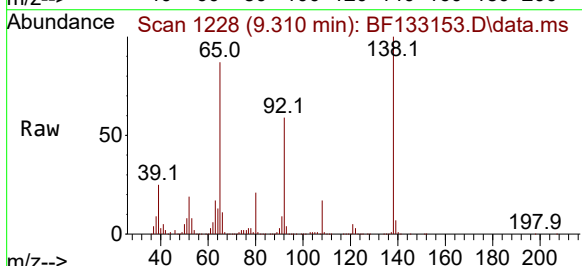
Tgt Ion: 65 Resp: 298629

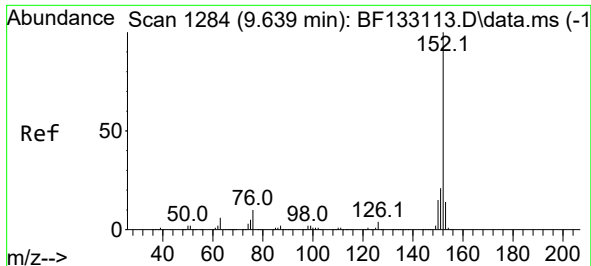
Ion Ratio Lower Upper

65 100

92 68.2 55.4 83.0

138 114.9 98.2 147.2





#49

Acenaphthylene

Concen: 38.422 ng

RT: 9.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

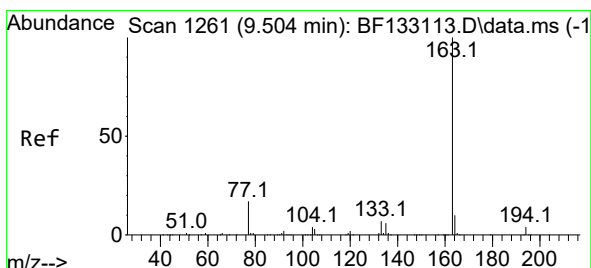
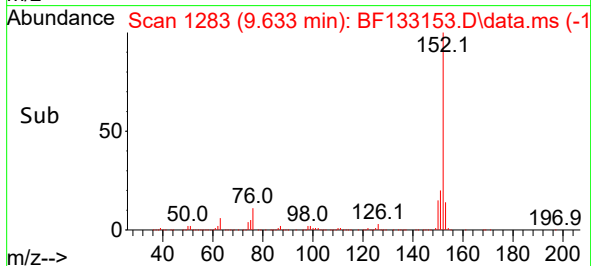
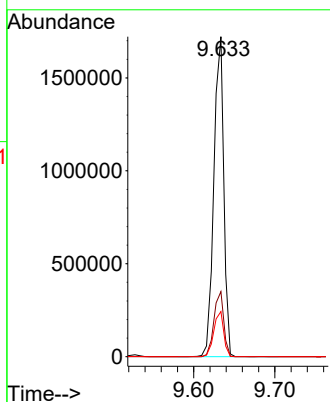
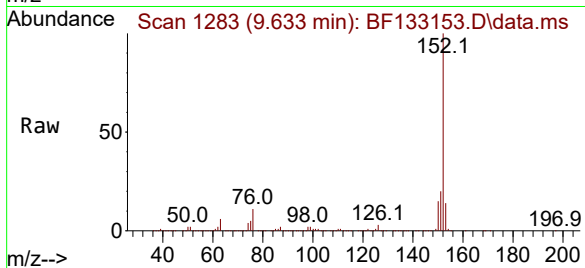
Tgt Ion:152 Resp: 1456567

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.1 11.5 17.3



#50

Dimethylphthalate

Concen: 39.083 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

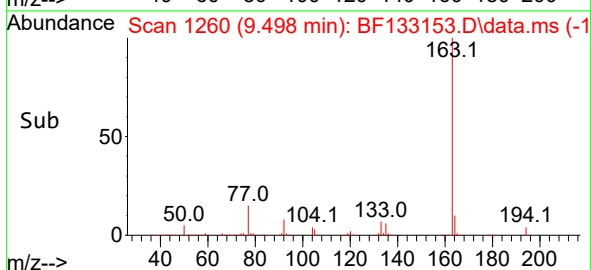
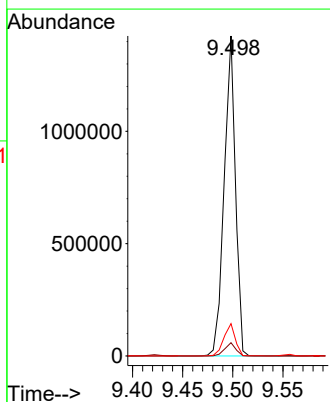
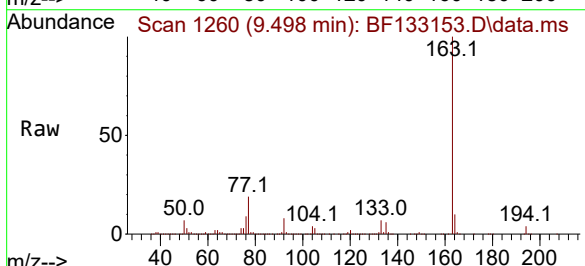
Tgt Ion:163 Resp: 1113990

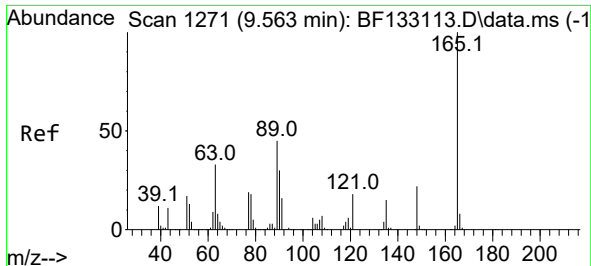
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.5 12.7

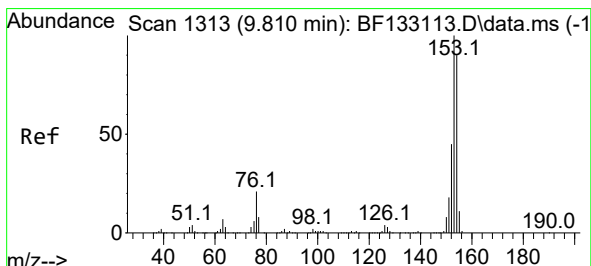
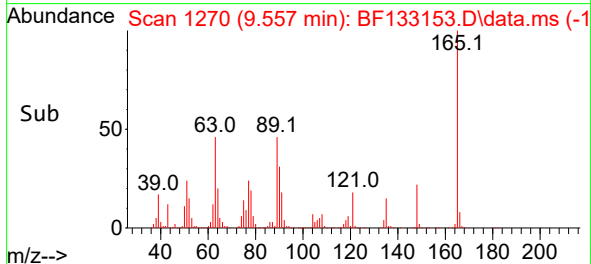
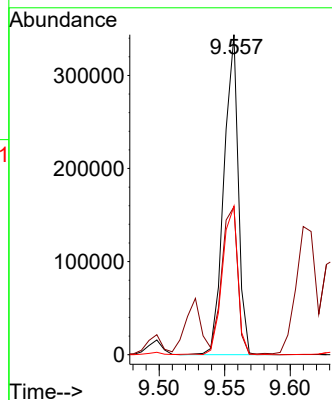
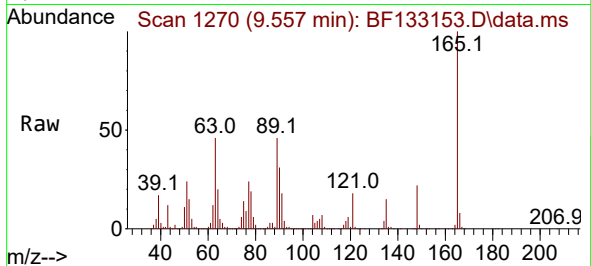




#51
2,6-Dinitrotoluene
Concen: 40.741 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

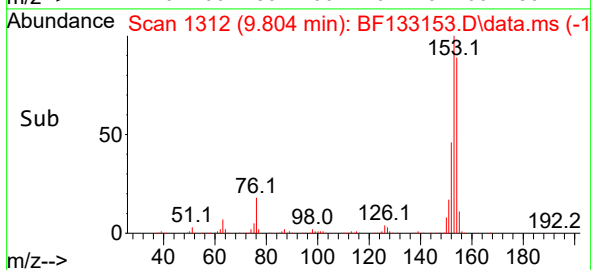
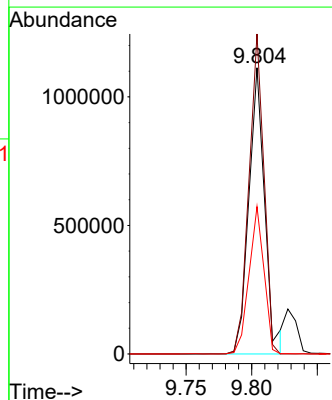
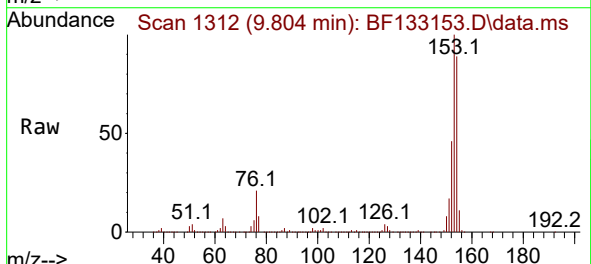
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

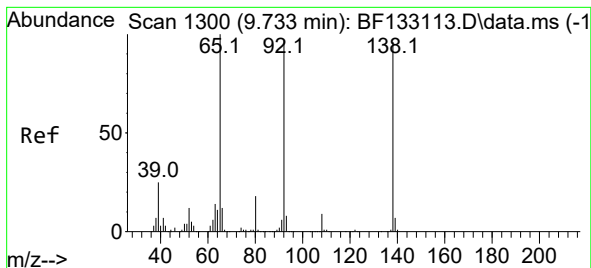
Tgt Ion:165 Resp: 261371
Ion Ratio Lower Upper
165 100
63 46.2 45.9 68.9
89 46.4 44.0 66.0



#52
Acenaphthene
Concen: 36.754 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:154 Resp: 933178
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.6
152 51.5 40.4 60.6

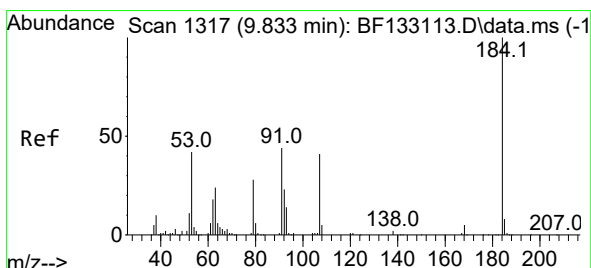
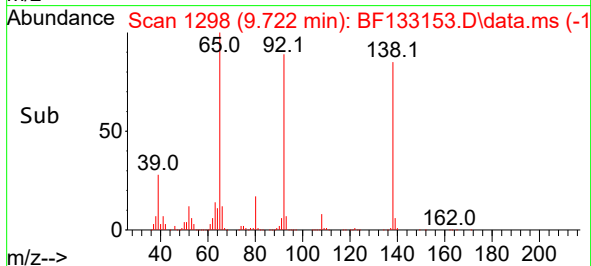
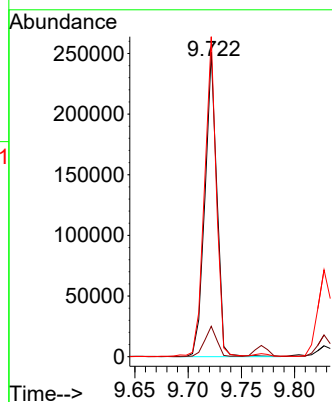
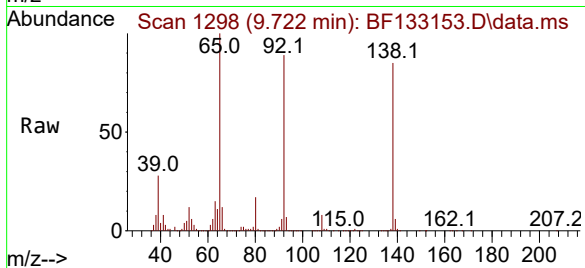




#53
3-Nitroaniline
Concen: 25.743 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

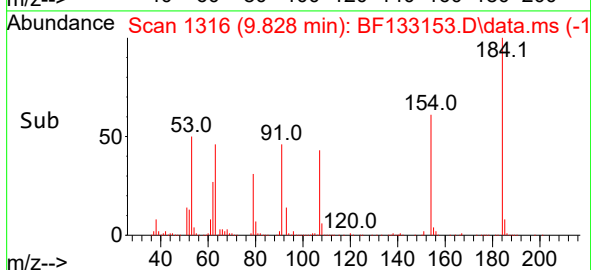
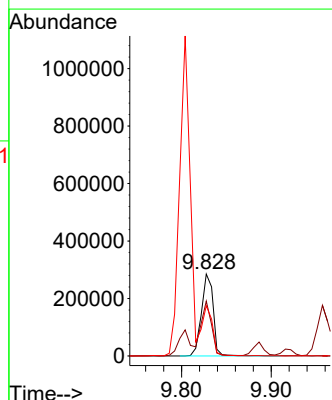
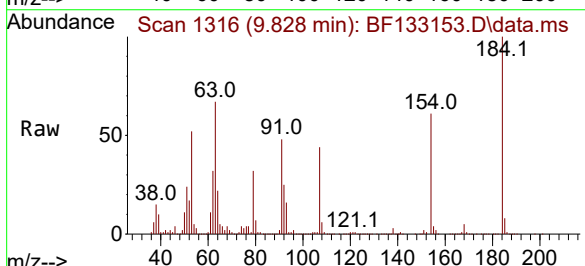
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

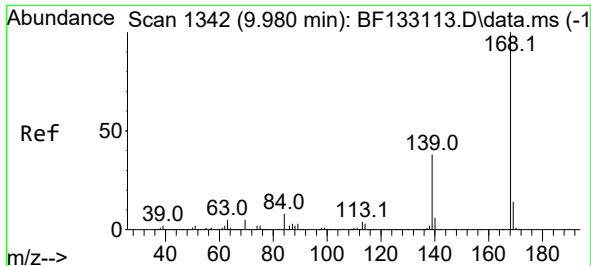
Tgt Ion:138 Resp: 196366
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 105.2 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 80.476 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:184 Resp: 259509
Ion Ratio Lower Upper
184 100
63 67.0 49.8 74.8
154 61.4 49.5 74.3

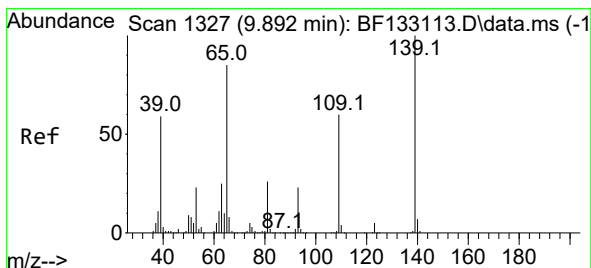
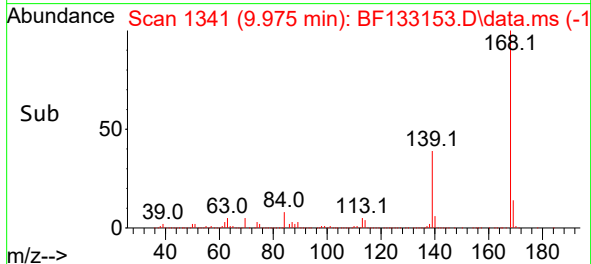
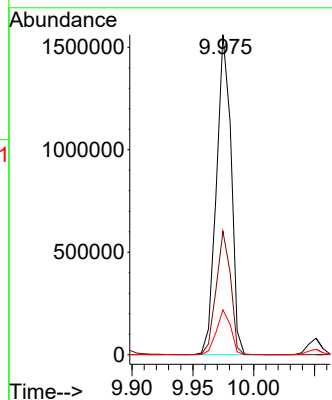
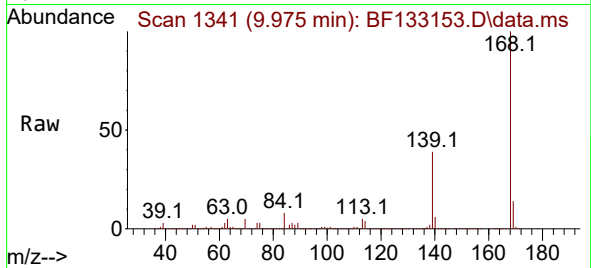




#55
Dibenzenofuran
Concen: 37.791 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

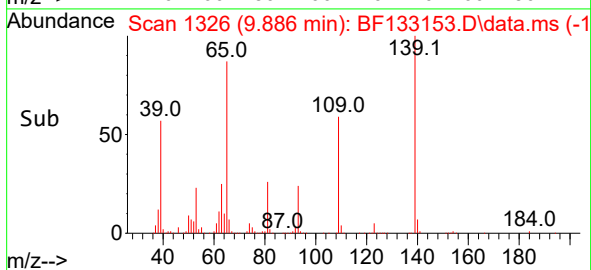
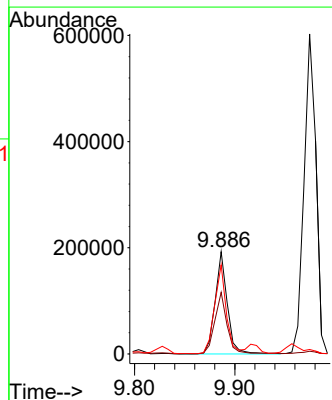
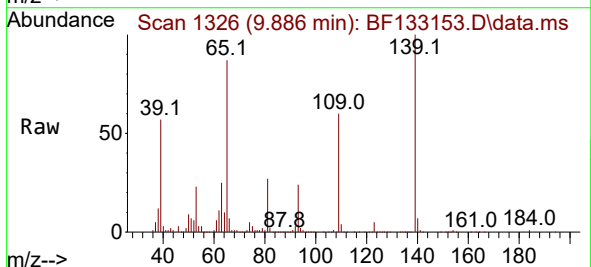
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

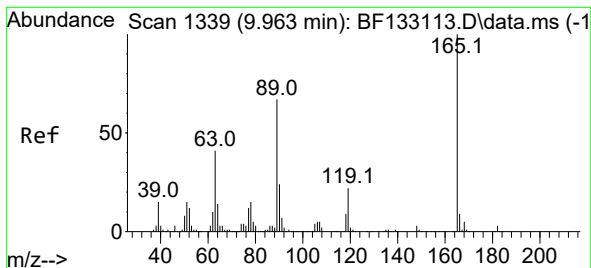
Tgt Ion:168 Resp: 1308868
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.8
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 27.381 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:139 Resp: 161768
Ion Ratio Lower Upper
139 100
109 60.3 39.4 79.4
65 87.2 57.5 97.5

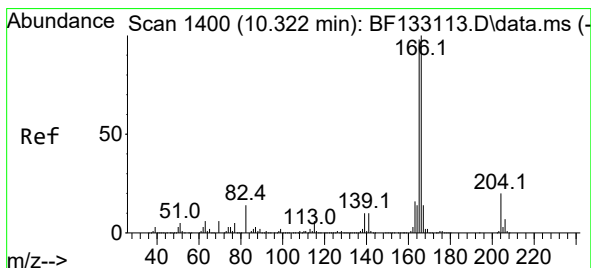
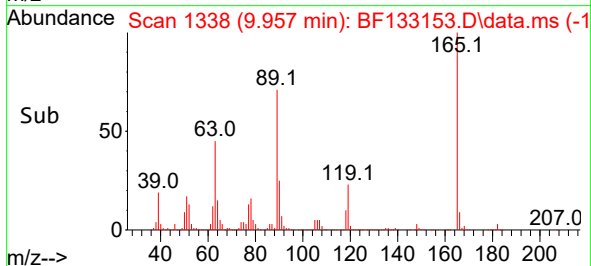
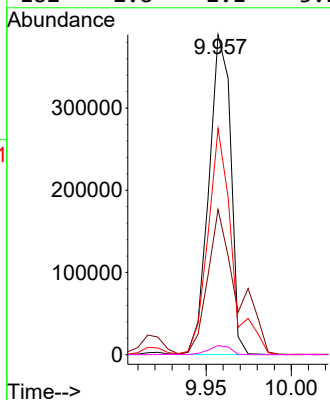
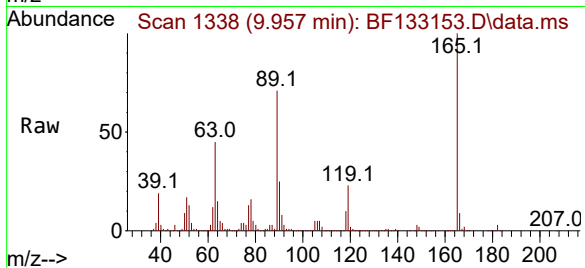




#57
2,4-Dinitrotoluene
Concen: 42.249 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

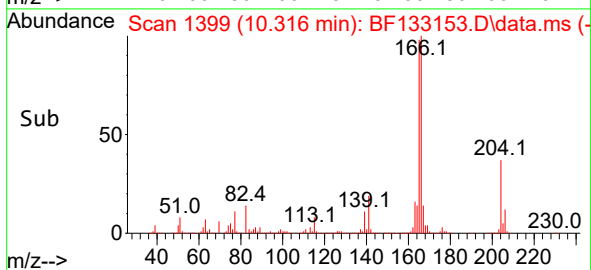
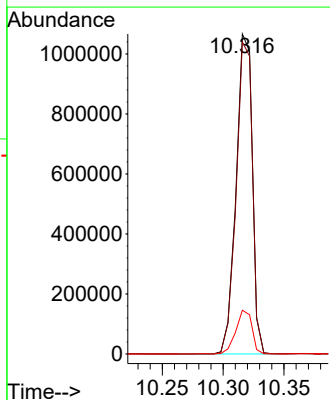
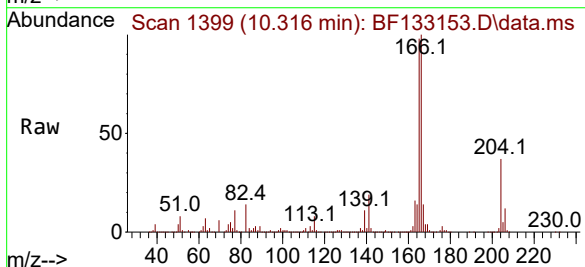
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

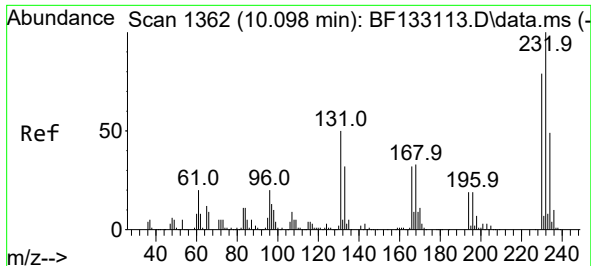
Tgt	Ion:165	Resp:	345658
Ion	Ratio	Lower	Upper
165	100		
63	45.4	37.7	56.5
89	70.7	57.0	85.4
182	2.8	2.1	3.1



#58
Fluorene
Concen: 38.844 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:166	Resp:	985653	
Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.7	11.0	16.4

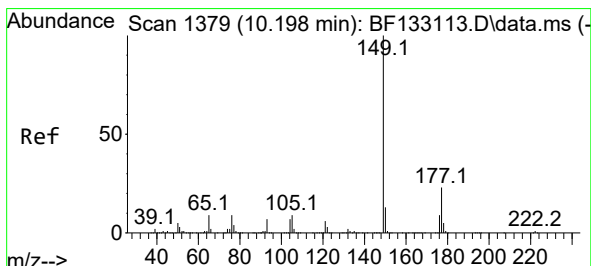
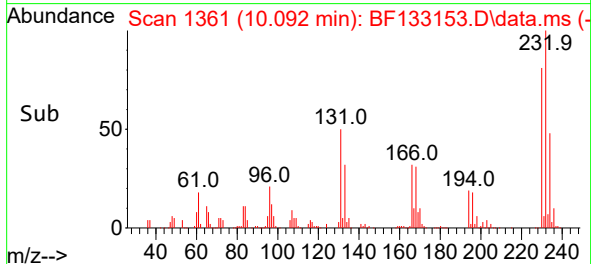
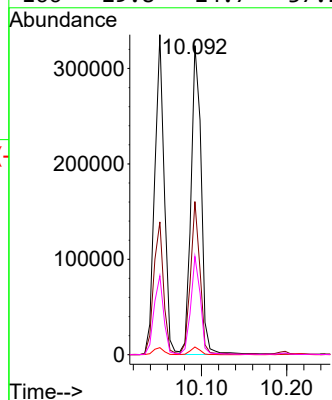
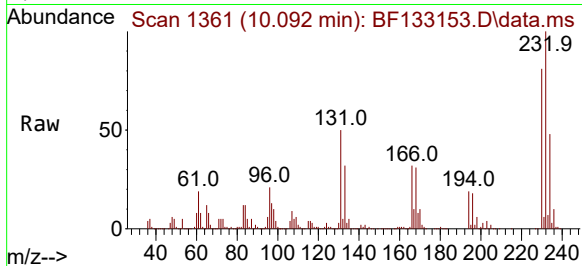




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.577 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

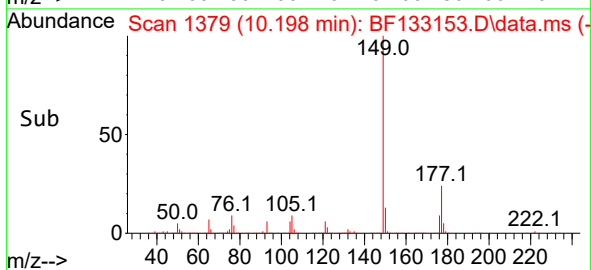
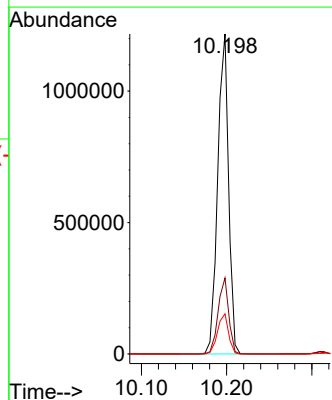
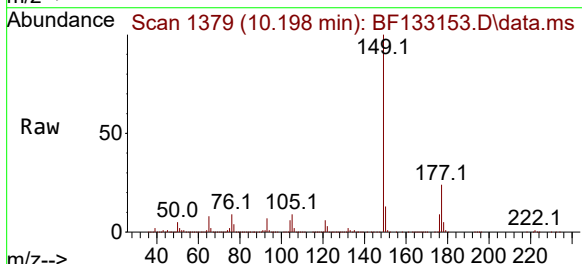
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

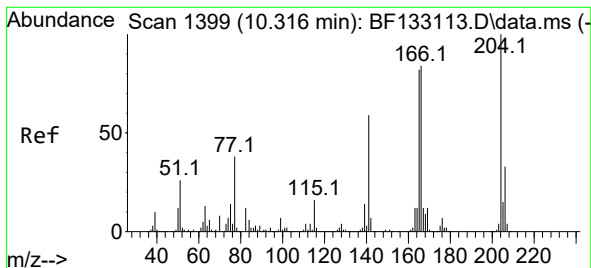
Tgt Ion:232 Resp: 269724
Ion Ratio Lower Upper
232 100
131 45.4 38.0 57.0
130 2.4 1.8 2.8
166 29.8 24.7 37.1



#60
Diethylphthalate
Concen: 40.057 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:149 Resp: 1078473
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 12.6 10.2 15.4

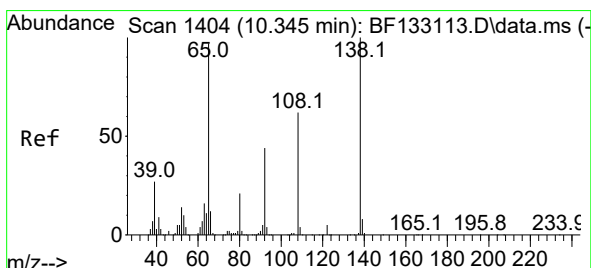
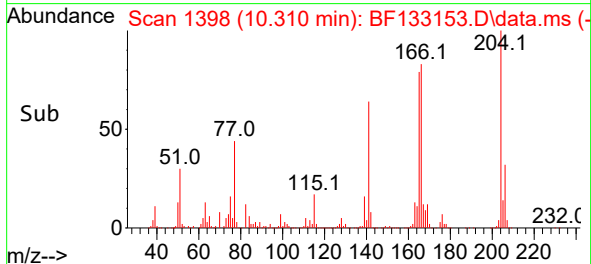
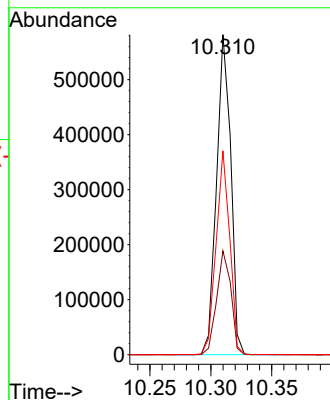
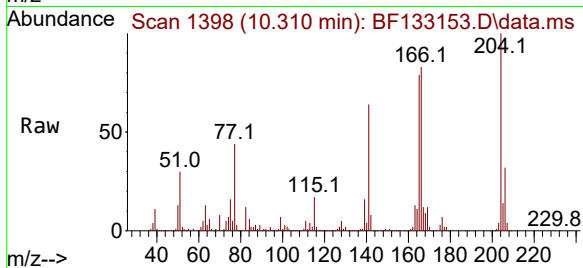




#61
4-Chlorophenyl-phenylether
Concen: 38.082 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

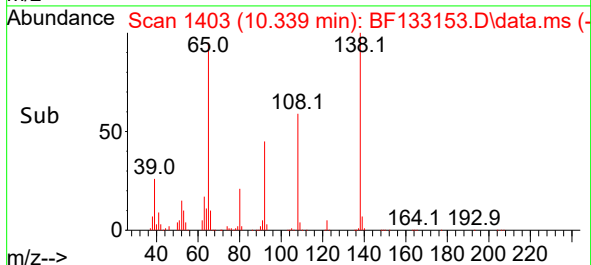
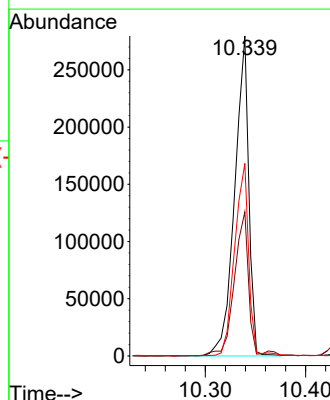
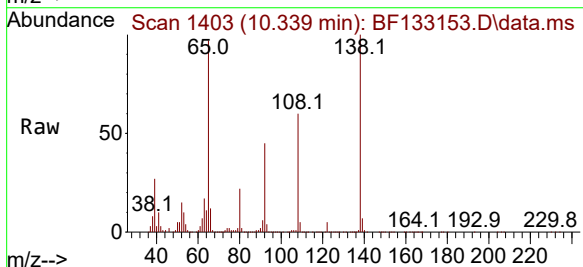
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

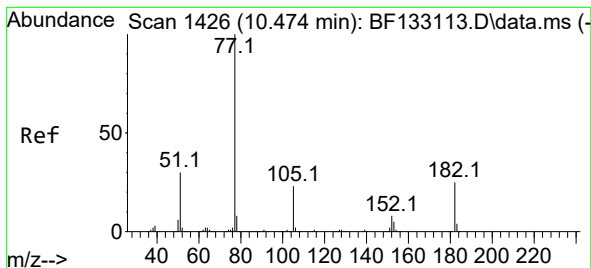
Tgt Ion:204 Resp: 470903
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 63.7 46.1 69.1



#62
4-Nitroaniline
Concen: 38.908 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:138 Resp: 272782
Ion Ratio Lower Upper
138 100
92 45.1 27.7 67.7
108 60.2 45.2 85.2





#63

Azobenzene

Concen: 41.776 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

Tgt Ion: 77 Resp: 1191478

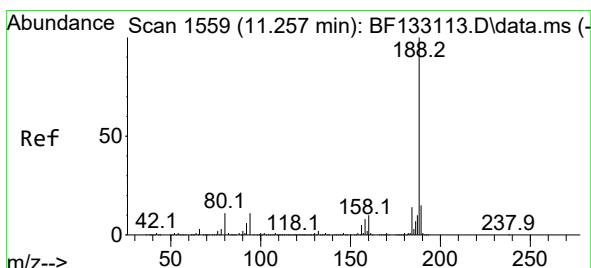
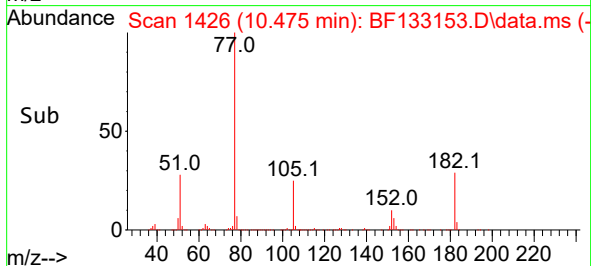
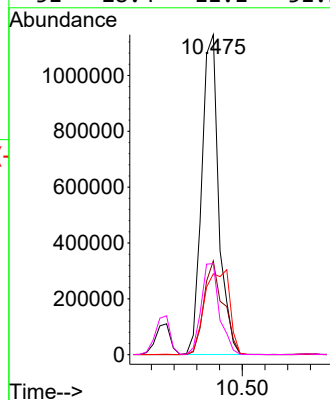
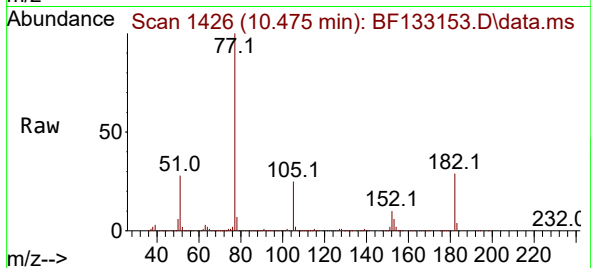
Ion Ratio Lower Upper

77 100

182 29.3 5.9 45.9

105 25.2 2.3 42.3

51 28.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

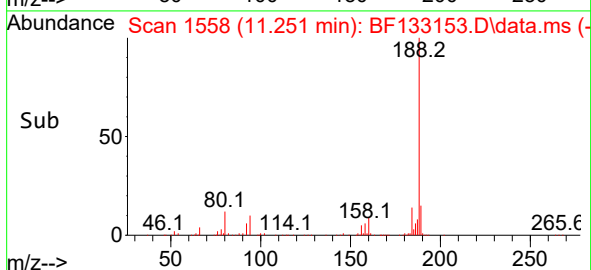
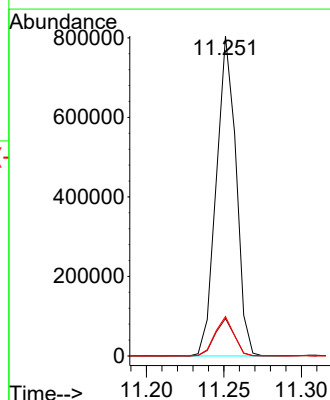
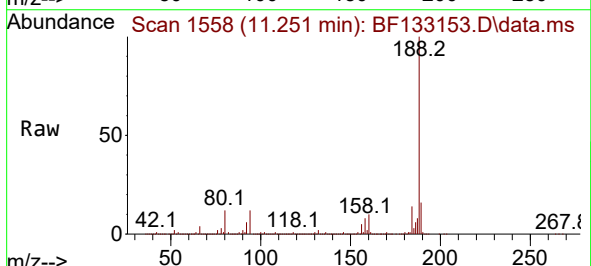
Tgt Ion:188 Resp: 712325

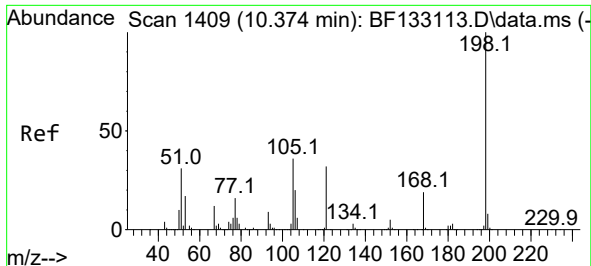
Ion Ratio Lower Upper

188 100

94 11.7 9.7 14.5

80 12.4 10.4 15.6

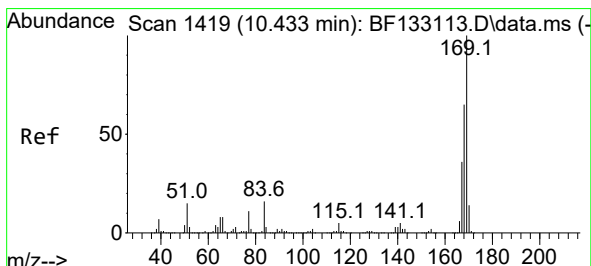
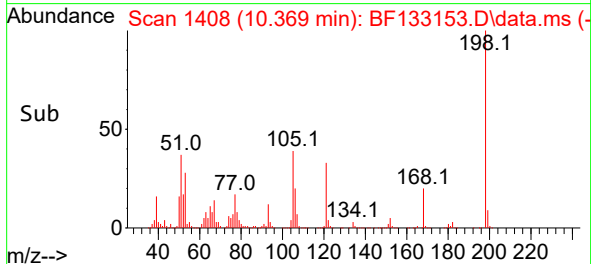
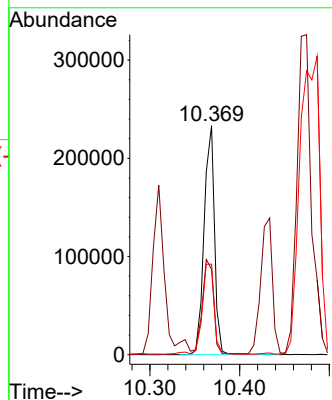
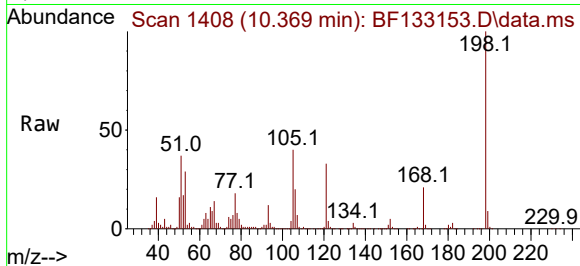




#65
4,6-Dinitro-2-methylphenol
Concen: 43.652 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

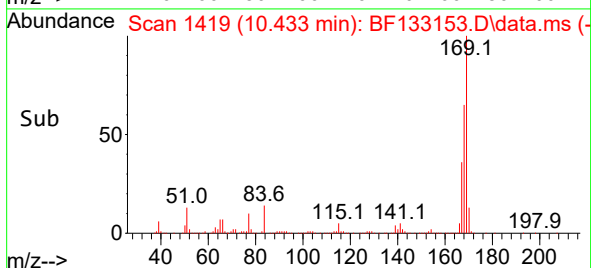
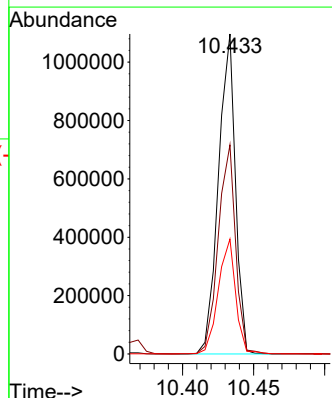
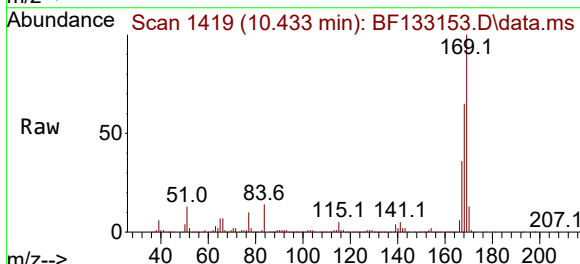
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

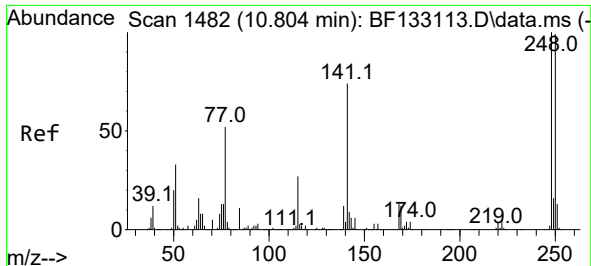
Tgt Ion:198 Resp: 188472
Ion Ratio Lower Upper
198 100
51 37.3 15.5 55.5
105 39.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.412 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:169 Resp: 910644
Ion Ratio Lower Upper
169 100
168 65.3 53.8 80.8
167 35.9 29.7 44.5

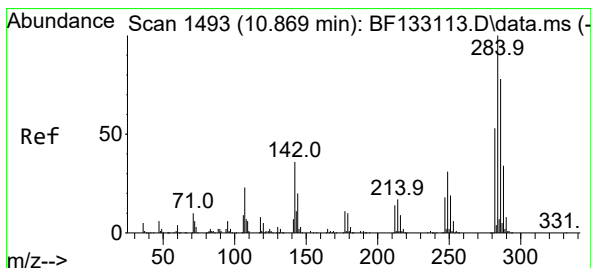
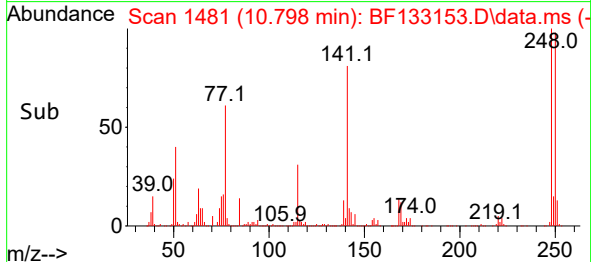
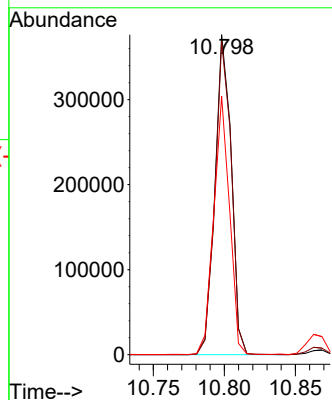
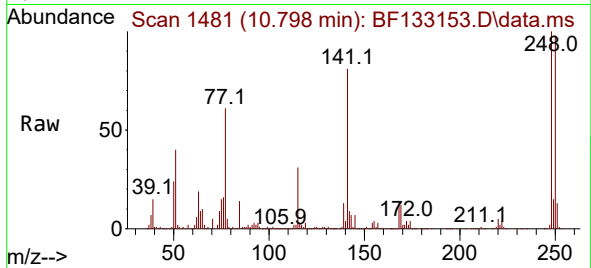




#67
4-Bromophenyl-phenylether
Concen: 38.988 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

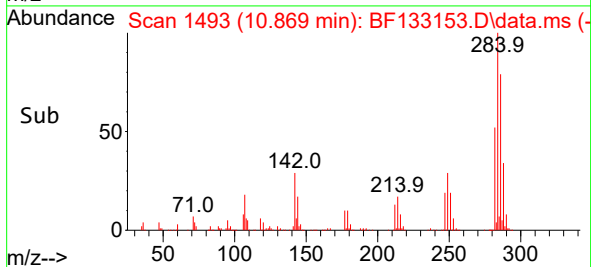
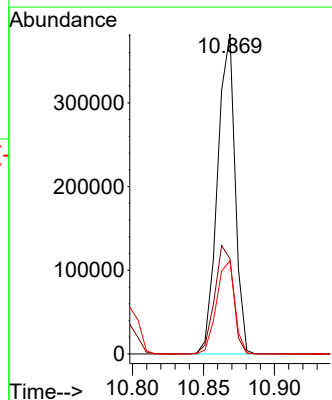
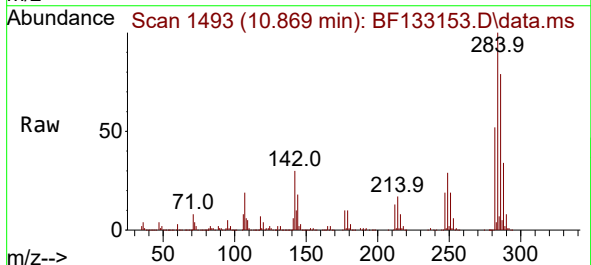
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

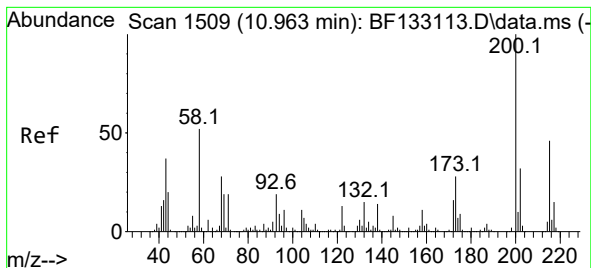
Tgt Ion:248 Resp: 301204
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 80.8 56.3 84.5



#68
Hexachlorobenzene
Concen: 41.525 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:284 Resp: 328727
Ion Ratio Lower Upper
284 100
142 29.7 26.0 39.0
249 29.1 23.7 35.5





#69

Atrazine

Concen: 45.369 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

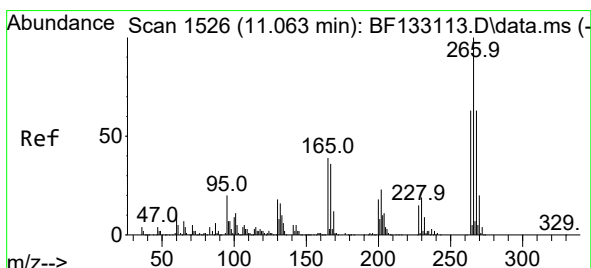
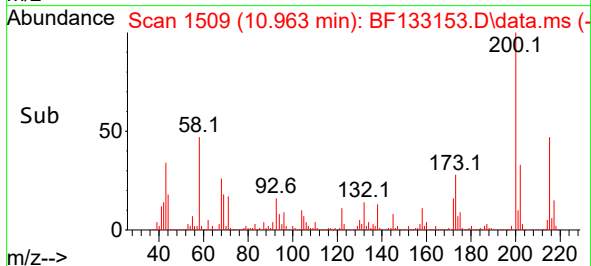
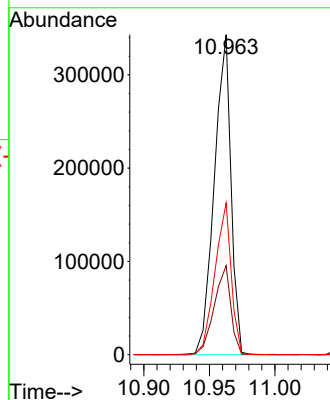
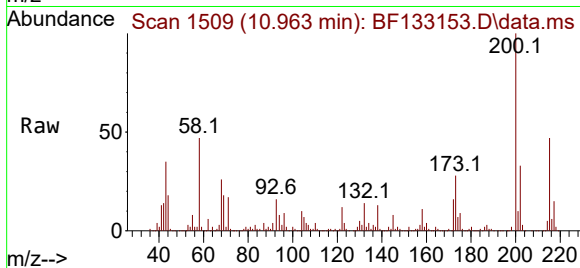
Tgt Ion:200 Resp: 302061

Ion Ratio Lower Upper

200 100

173 27.8 6.2 46.2

215 47.5 26.3 66.3



#70

Pentachlorophenol

Concen: 66.033 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

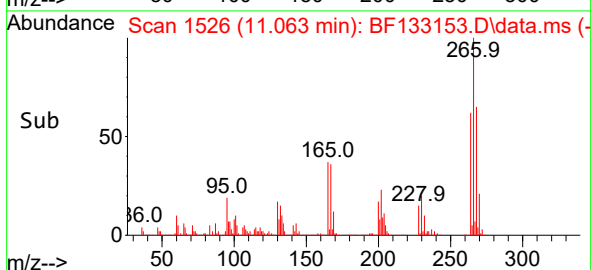
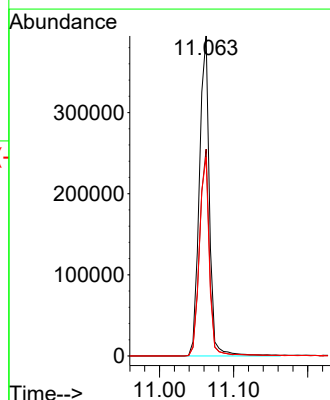
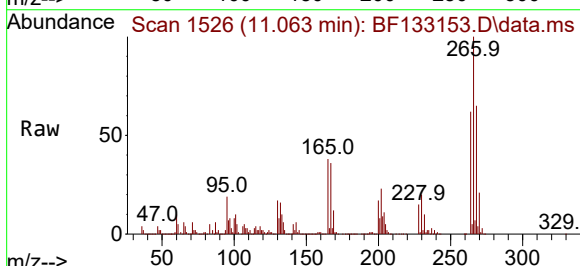
Tgt Ion:266 Resp: 372289

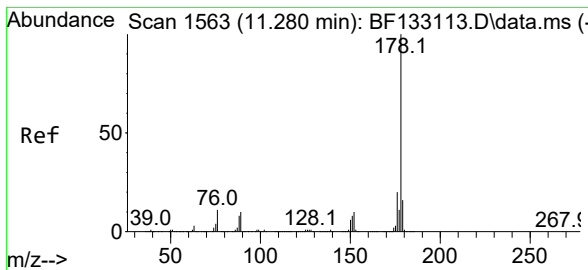
Ion Ratio Lower Upper

266 100

268 64.7 48.8 73.2

264 62.2 50.6 76.0



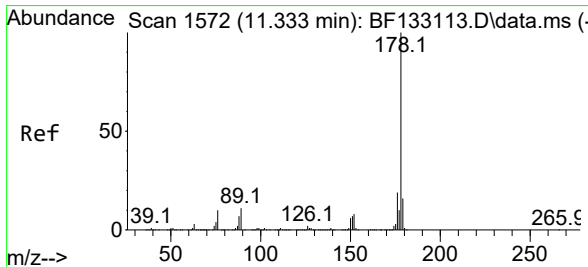
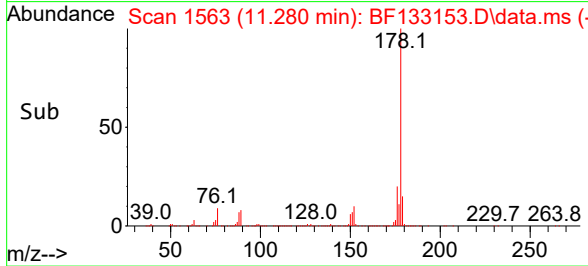
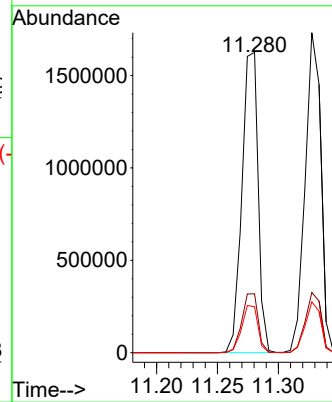
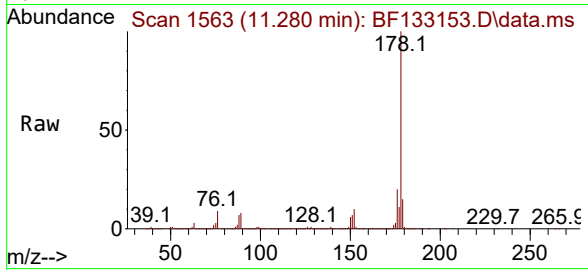


#71
Phenanthrene
Concen: 39.450 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tgt Ion:178 Resp: 1510351

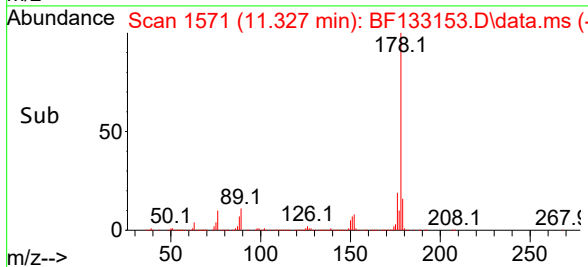
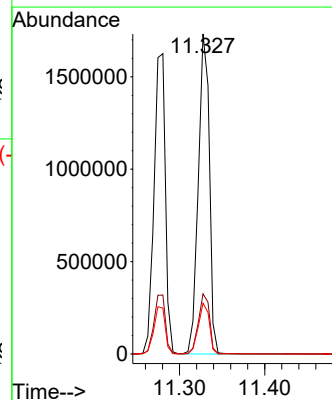
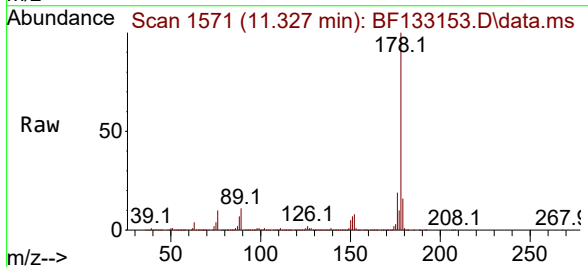
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.5	18.7

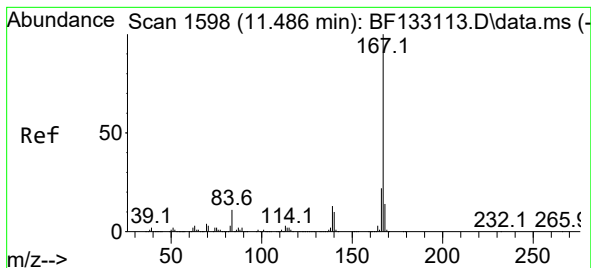


#72
Anthracene
Concen: 39.847 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:178 Resp: 1561238

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.8	12.4	18.6





#73

Carbazole

Concen: 39.990 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

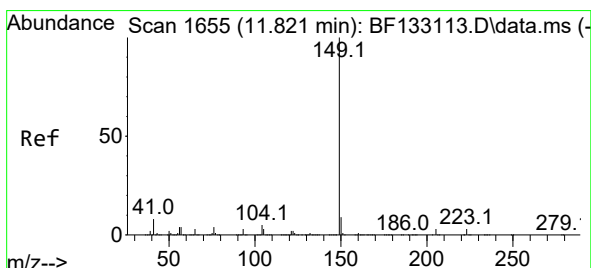
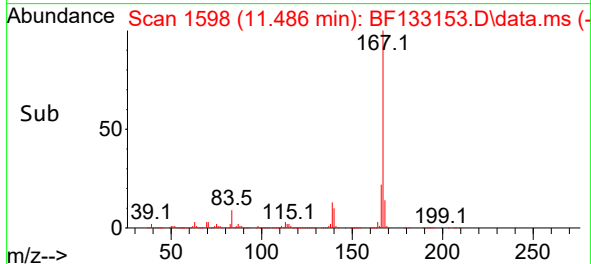
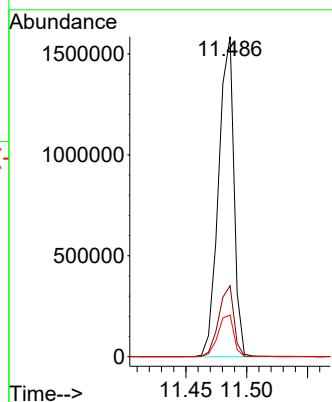
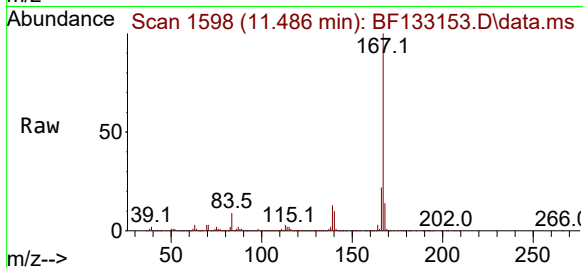
Tgt Ion:167 Resp: 1395169

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 13.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.951 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

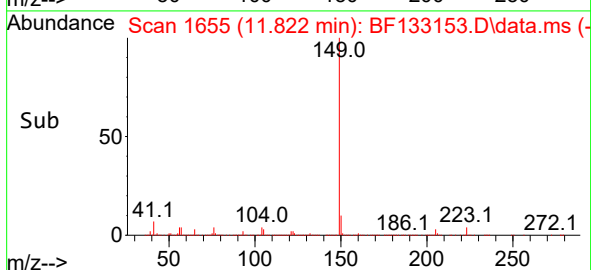
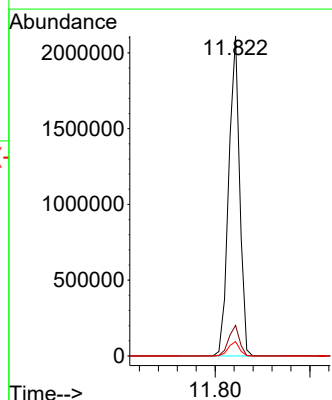
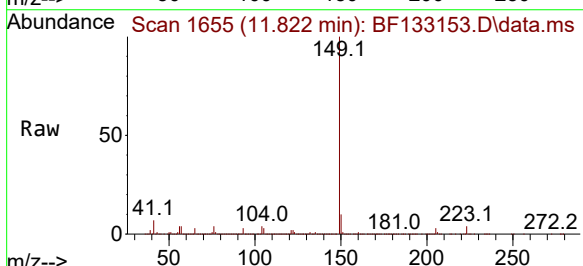
Tgt Ion:149 Resp: 1695737

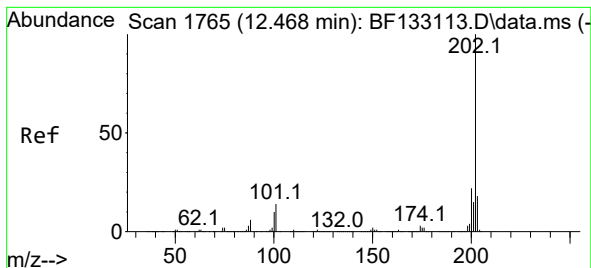
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.5 4.0 6.0

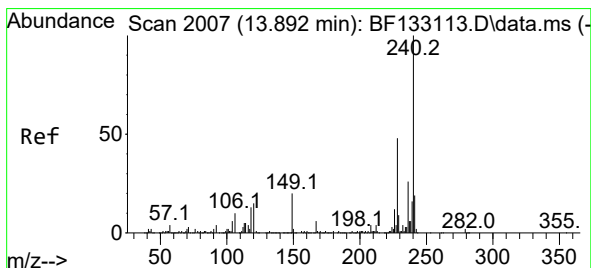
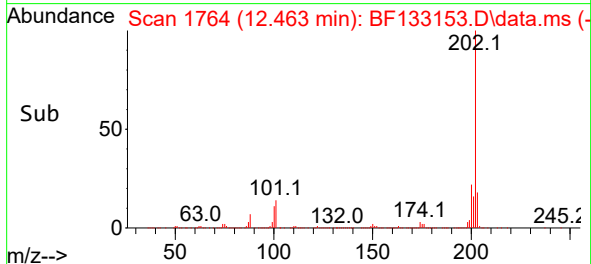
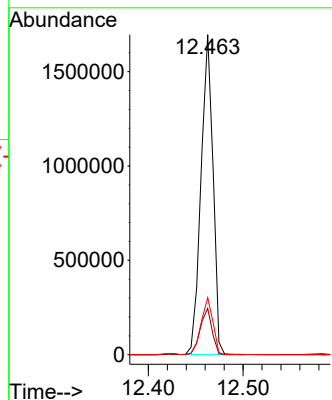
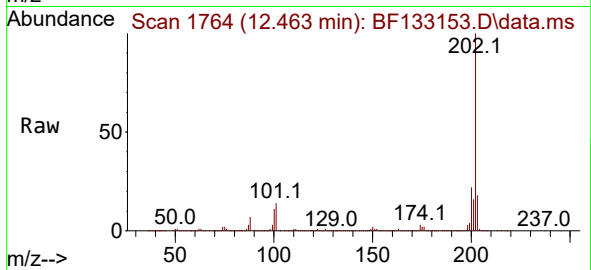




#75
Fluoranthene
Concen: 38.795 ng
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

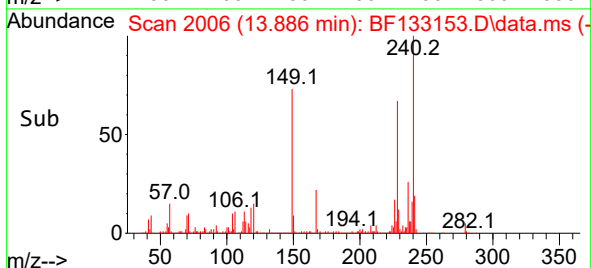
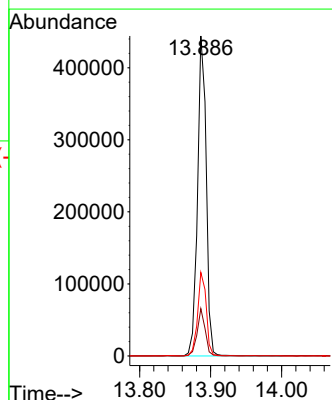
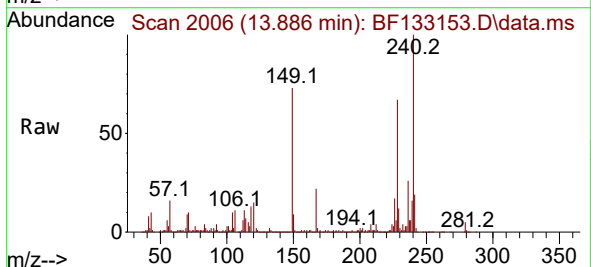
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

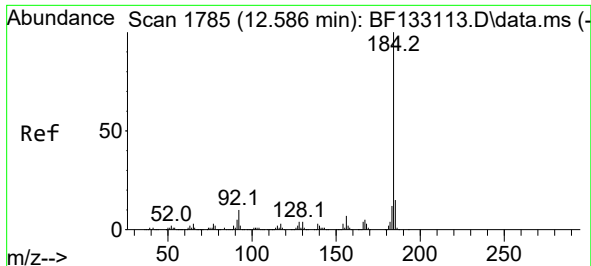
Tgt Ion:202 Resp: 1490641
Ion Ratio Lower Upper
202 100
101 14.5 0.0 35.3
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:240 Resp: 379662
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 26.1 21.5 32.3

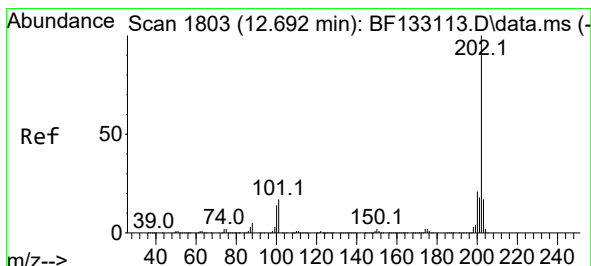
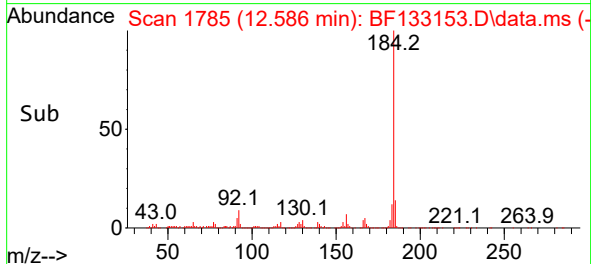
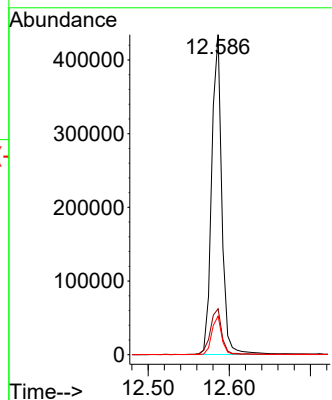
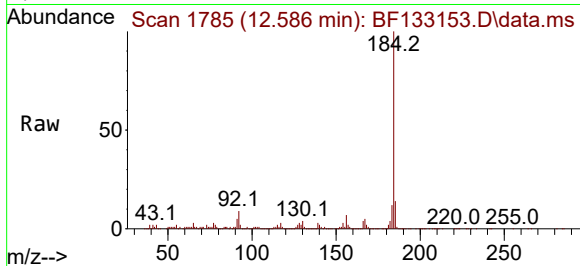




#77
Benzidine
Concen: 58.404 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

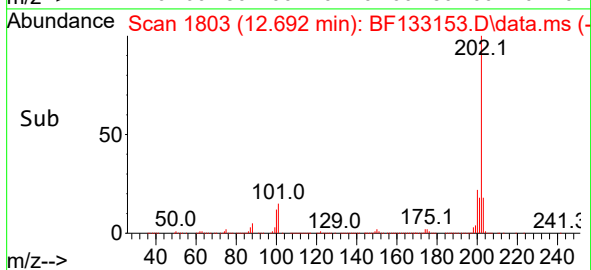
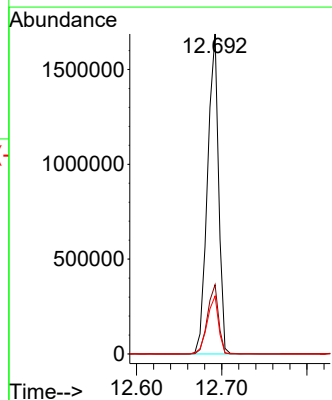
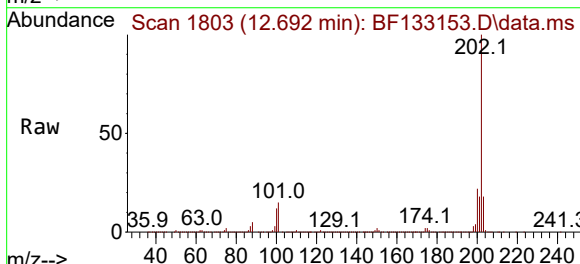
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

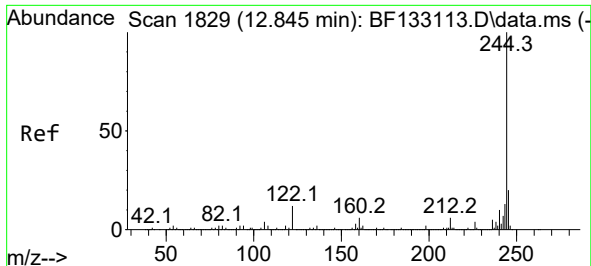
Tgt Ion:184 Resp: 374973
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2#
183 12.1 9.4 14.0



#78
Pyrene
Concen: 46.744 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:202 Resp: 1521308
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 18.1 14.1 21.1

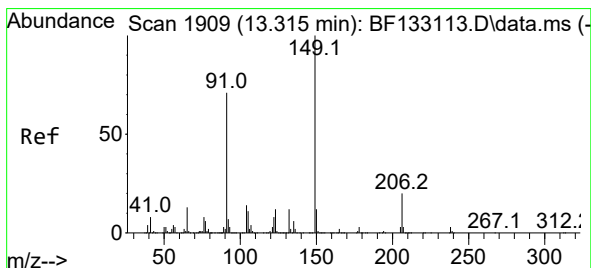
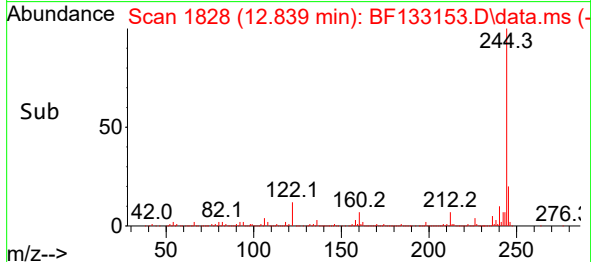
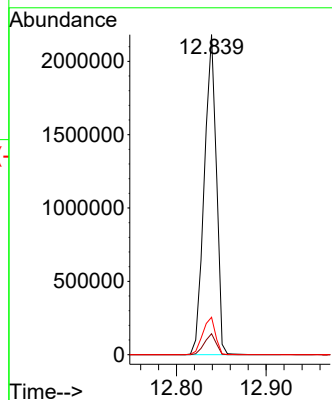
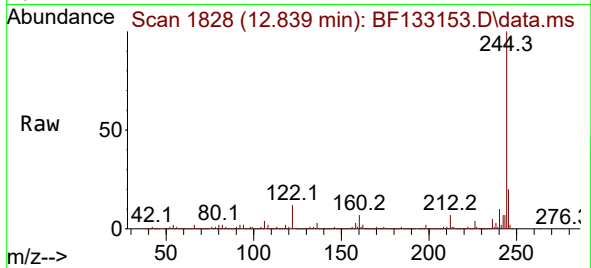




#79
 Terphenyl-d14
 Concen: 92.486 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133153.D
 Acq: 01 May 2023 13:49

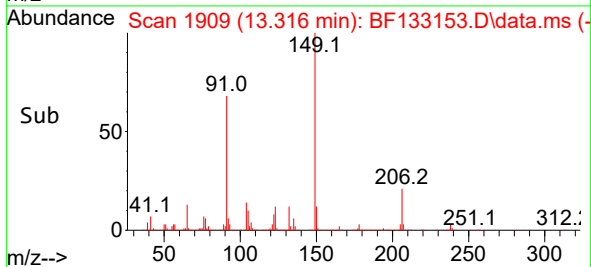
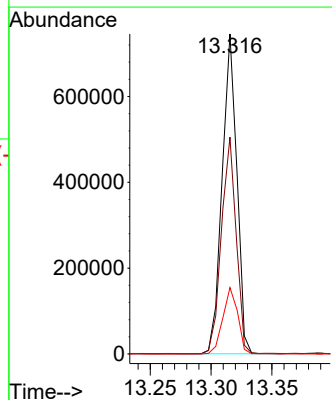
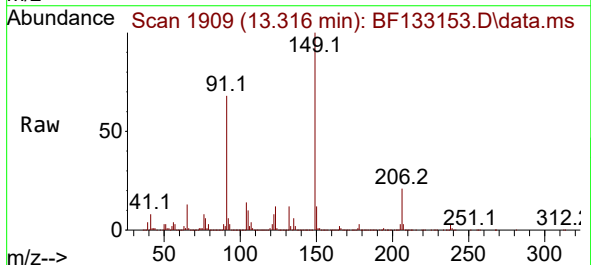
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

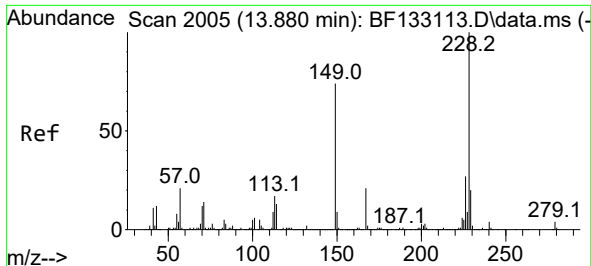
Tgt Ion:244 Resp: 2035950
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 54.390 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133153.D
 Acq: 01 May 2023 13:49

Tgt Ion:149 Resp: 626765
 Ion Ratio Lower Upper
 149 100
 91 67.8 53.8 80.6
 206 20.8 17.5 26.3

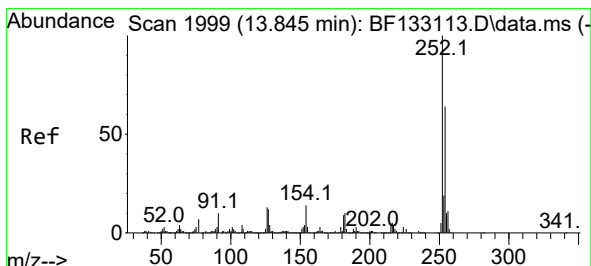
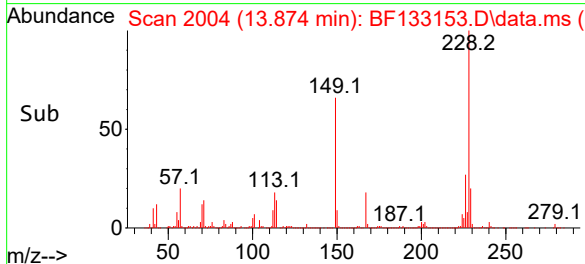
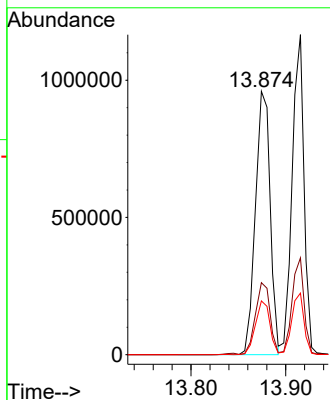
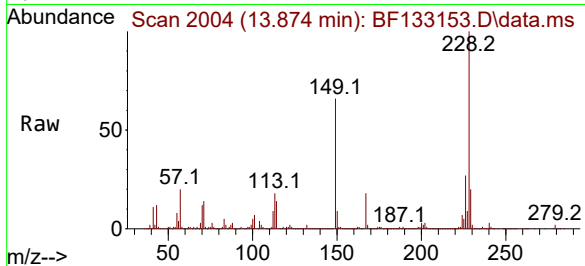




#81
Benzo(a)anthracene
Concen: 39.897 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

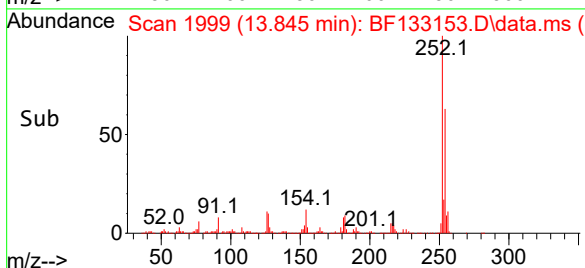
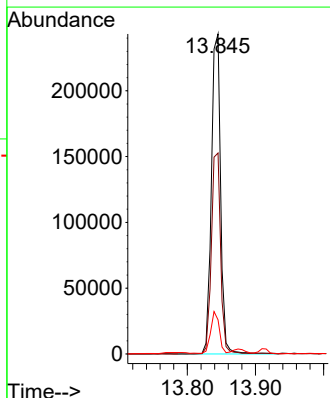
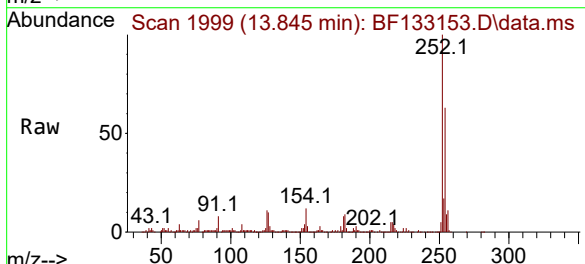
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

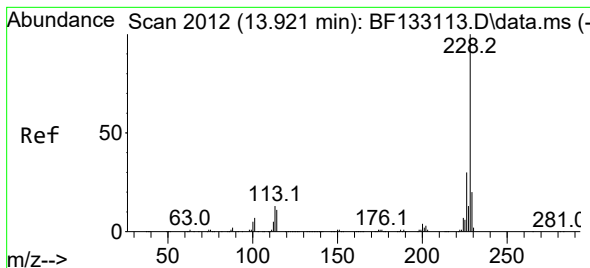
Tgt Ion:228 Resp: 1041645
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 20.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 31.774 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:252 Resp: 229164
Ion Ratio Lower Upper
252 100
254 62.8 51.5 77.3
126 10.7 9.5 14.3





#83

Chrysene

Concen: 38.729 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

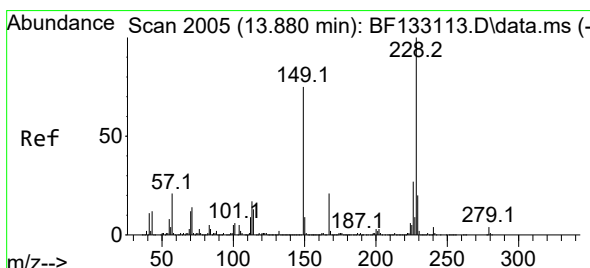
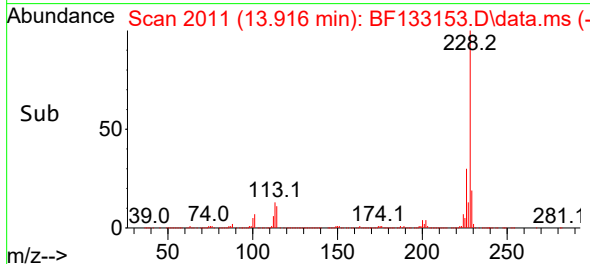
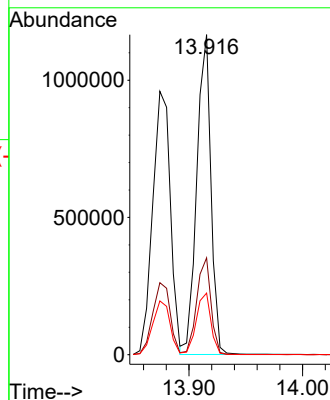
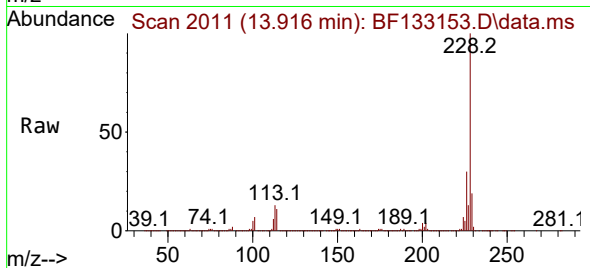
Tgt Ion:228 Resp: 1010887

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

229 19.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.801 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

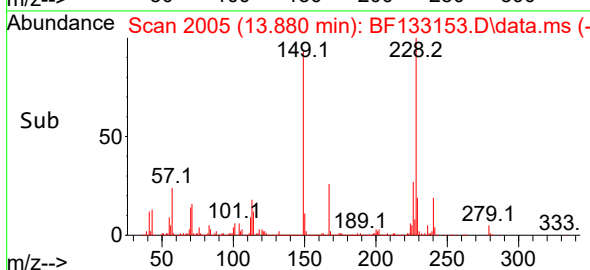
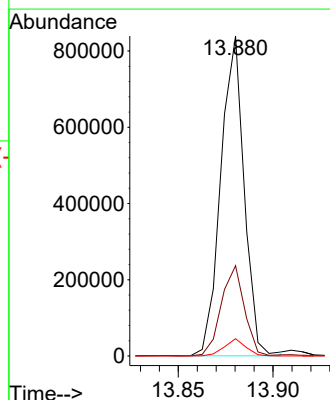
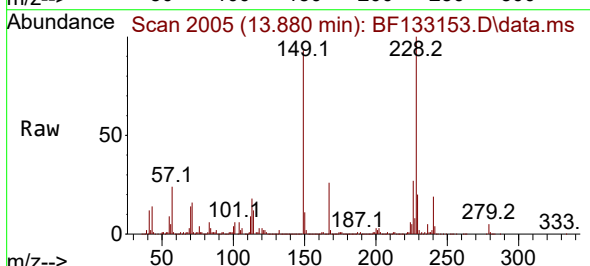
Tgt Ion:149 Resp: 720339

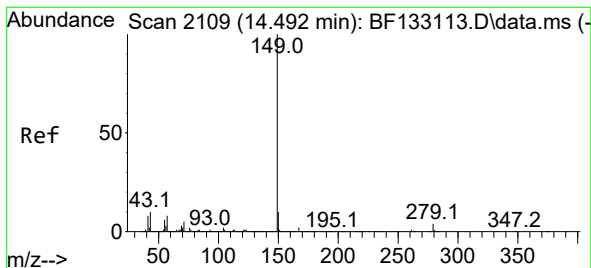
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 5.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.821 ng

RT: 14.492 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

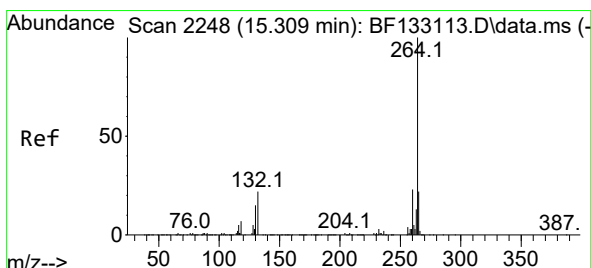
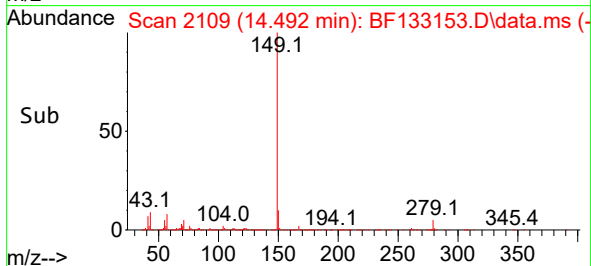
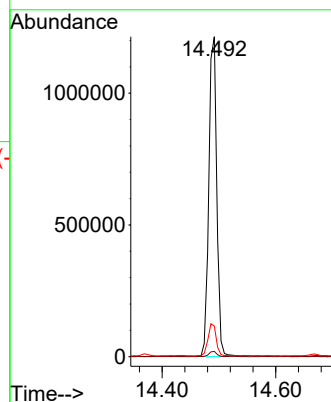
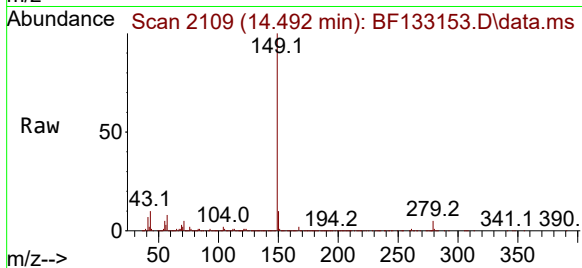
Tgt Ion:149 Resp: 1175011

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

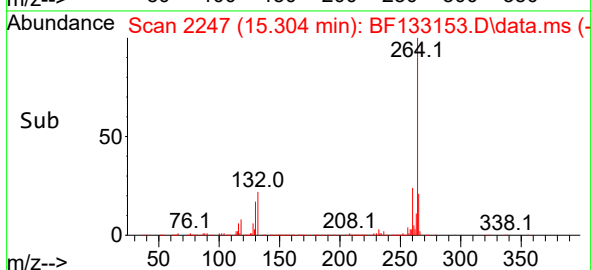
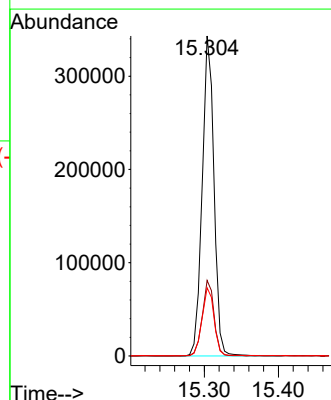
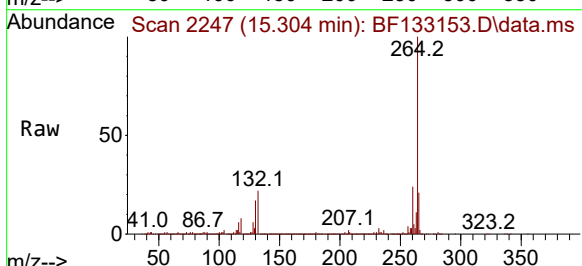
Tgt Ion:264 Resp: 380330

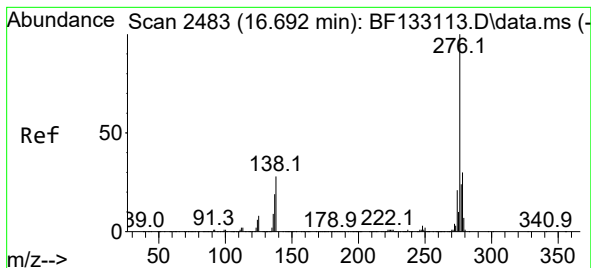
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.020 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

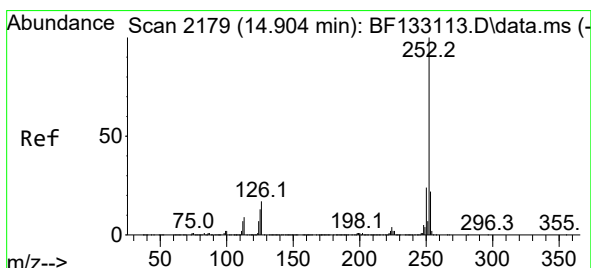
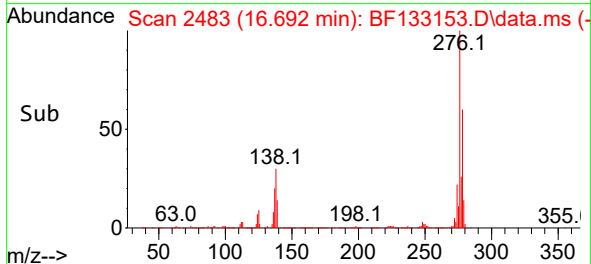
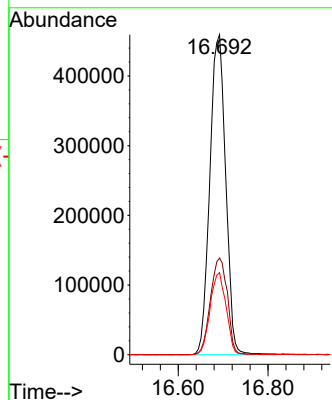
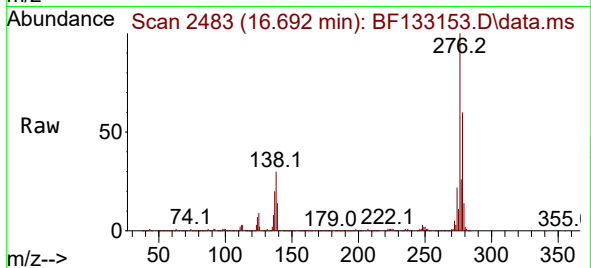
Tgt Ion:276 Resp: 1125400

Ion Ratio Lower Upper

276 100

138 32.2 25.5 38.3

277 25.9 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.093 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133153.D

Acq: 01 May 2023 13:49

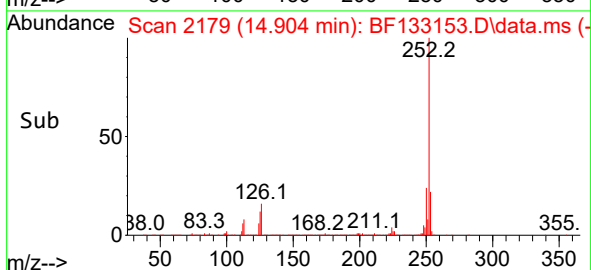
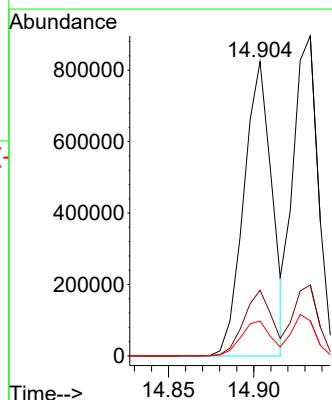
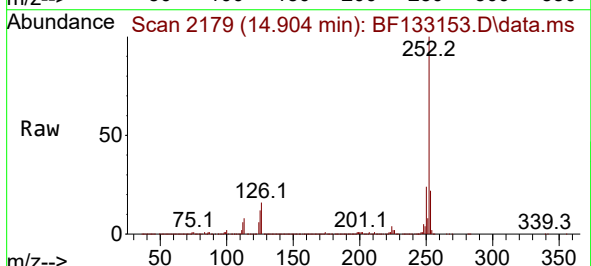
Tgt Ion:252 Resp: 945894

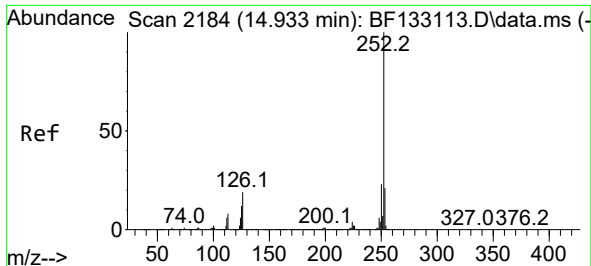
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.9 8.9 13.3

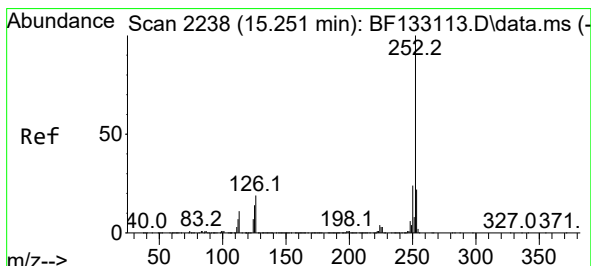
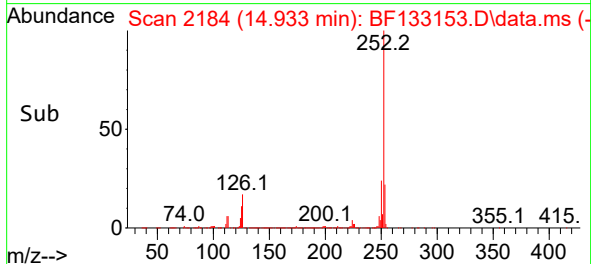
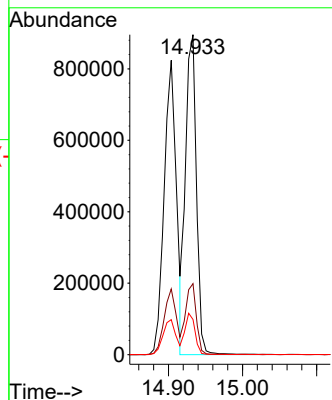
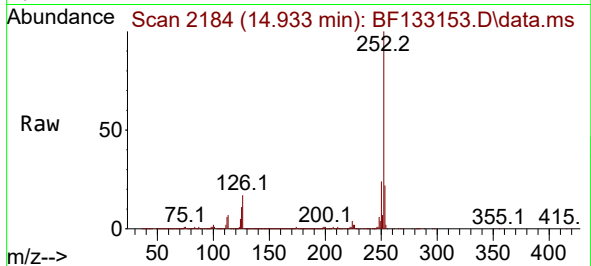




#89
Benzo(k)fluoranthene
Concen: 38.236 ng
RT: 14.933 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

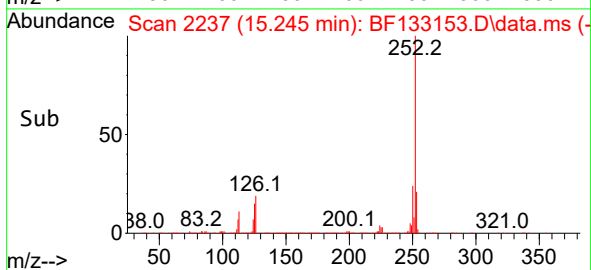
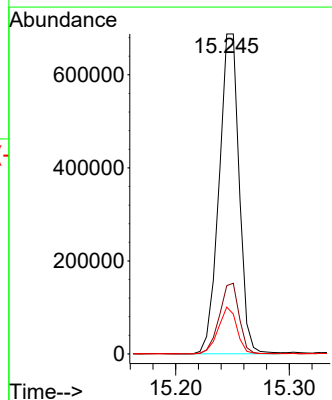
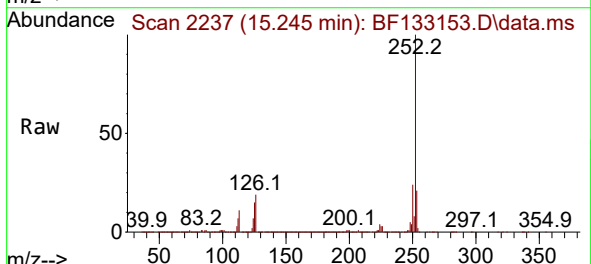
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

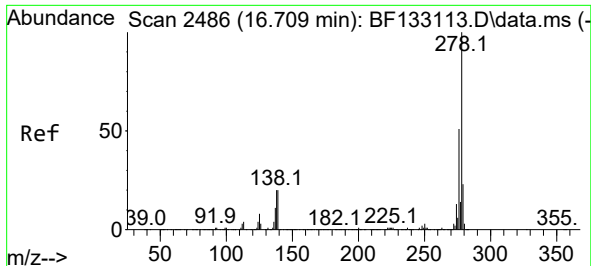
Tgt Ion:252 Resp: 917109
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.0 9.0 13.4



#90
Benzo(a)pyrene
Concen: 38.473 ng
RT: 15.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:252 Resp: 847317
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 14.6 10.5 15.7

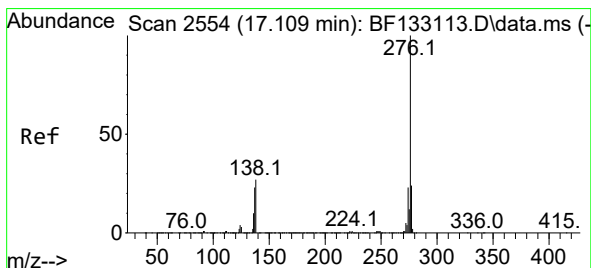
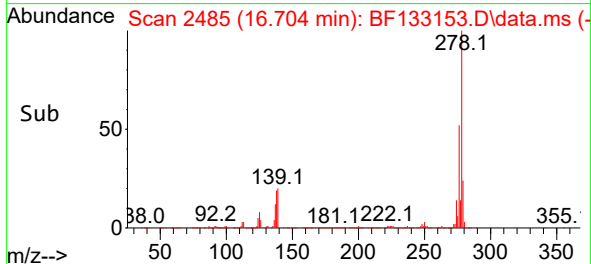
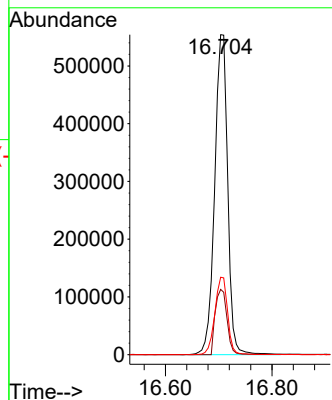
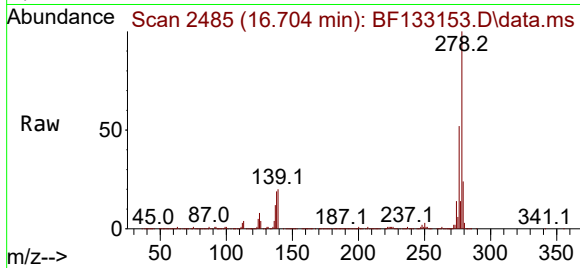




#91
Dibenzo(a,h)anthracene
Concen: 52.197 ng
RT: 16.704 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tgt Ion:278 Resp: 941827
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 51.906 ng
RT: 17.104 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BF133153.D
Acq: 01 May 2023 13:49

Tgt Ion:276 Resp: 924649
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 28.3 22.7 34.1

