

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143548.D
 Acq On : 22 Aug 2025 00:52
 Operator : RC/JU
 Sample : Q2903-05MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-081925MS

Quant Time: Aug 22 03:01:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	105948	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	397799	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	203150	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	276573	20.000	ng	0.00
76) Chrysene-d12	14.098	240	217411	20.000	ng	0.00
86) Perylene-d12	15.592	264	238216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	415947	68.553	ng	0.00
7) Phenol-d6	6.557	99	331979	44.323	ng	-0.02
23) Nitrobenzene-d5	7.487	82	644812	94.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	241369	127.639	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1149358	93.503	ng	0.00
79) Terphenyl-d14	13.033	244	919830	73.830	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	58397	20.776	ng	99
3) Pyridine	3.575	79	131888	17.617	ng	99
4) n-Nitrosodimethylamine	3.505	42	75101	22.316	ng	96
6) Aniline	6.587	93	240591	24.032	ng	97
8) 2-Chlorophenol	6.716	128	230946	34.461	ng	100
9) Benzaldehyde	6.475	77	140772	23.214	ng	99
10) Phenol	6.575	94	139190	16.131	ng	94
11) bis(2-Chloroethyl)ether	6.651	93	253195	39.268	ng	99
12) 1,3-Dichlorobenzene	6.869	146	159172	21.139	ng	99
13) 1,4-Dichlorobenzene	6.940	146	165105	21.859	ng	99
14) 1,2-Dichlorobenzene	7.098	146	166066	23.222	ng	99
15) Benzyl Alcohol	7.063	79	188542	33.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	370236	35.890	ng	100
17) 2-Methylphenol	7.181	107	171564	31.897	ng	97
18) Hexachloroethane	7.440	117	47467	18.483	ng	95
19) n-Nitroso-di-n-propyla...	7.334	70	210847	46.057	ng	100
20) 3+4-Methylphenols	7.334	107	187898	29.264	ng	# 75
22) Acetophenone	7.328	105	381035	44.336	ng	96
24) Nitrobenzene	7.504	77	294716	42.005	ng	98
25) Isophorone	7.745	82	576036	46.098	ng	99
26) 2-Nitrophenol	7.822	139	148994	43.353	ng	96
27) 2,4-Dimethylphenol	7.863	122	216938	40.492	ng	96
28) bis(2-Chloroethoxy)met...	7.951	93	339970	44.270	ng	100
29) 2,4-Dichlorophenol	8.069	162	233814	40.863	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	184527	31.367	ng	99
31) Naphthalene	8.228	128	639205	33.469	ng	100
32) Benzoic acid	7.963	122	38730	16.788	ng	96
33) 4-Chloroaniline	8.275	127	134724	19.875	ng	99
34) Hexachlorobutadiene	8.345	225	95514	24.886	ng	100
35) Caprolactam	8.639	113	14581	10.620	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	233880	40.787	ng	97
37) 2-Methylnaphthalene	8.922	142	443113	34.739	ng	100
38) 1-Methylnaphthalene	9.022	142	462693	37.922	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	245428	42.236	ng	99
41) Hexachlorocyclopentadiene	9.081	237	159133	71.248	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	169325	47.356	ng	98

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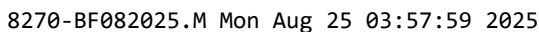
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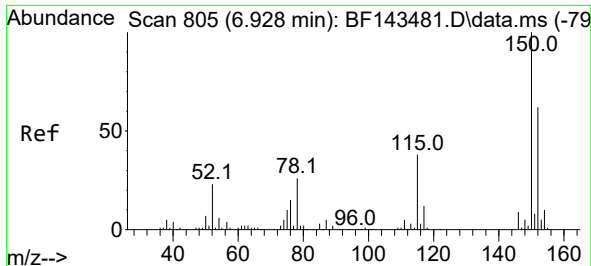
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	176397	45.164	ng	99
46) 1,1'-Biphenyl	9.386	154	650776	45.133	ng	100
47) 2-Chloronaphthalene	9.410	162	488123	43.145	ng	98
48) 2-Nitroaniline	9.504	65	163338	49.331	ng	98
49) Acenaphthylene	9.828	152	807618	49.855	ng	100
50) Dimethylphthalate	9.681	163	644198	52.651	ng	100
51) 2,6-Dinitrotoluene	9.745	165	135991	53.628	ng	98
52) Acenaphthene	9.998	154	519403	47.224	ng	99
53) 3-Nitroaniline	9.916	138	81272	29.661	ng	99
54) 2,4-Dinitrophenol	10.028	184	95719	71.207	ng	99
55) Dibenzofuran	10.169	168	707068	45.090	ng	98
56) 4-Nitrophenol	10.086	139	56697	34.776	ng	96
57) 2,4-Dinitrotoluene	10.151	165	174568	51.557	ng	97
58) Fluorene	10.516	166	539863	44.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	145254	50.059	ng	98
60) Diethylphthalate	10.381	149	583594	53.201	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	277518	45.978	ng	99
62) 4-Nitroaniline	10.528	138	113675	45.166	ng	97
63) Azobenzene	10.663	77	545692	47.976	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	78226	50.163	ng	99
66) n-Nitrosodiphenylamine	10.622	169	468290	52.613	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	170402	51.638	ng	96
68) Hexachlorobenzene	11.069	284	174071	48.936	ng	99
69) Atrazine	11.145	200	139899	60.890	ng	100
70) Pentachlorophenol	11.263	266	159584	97.959	ng	99
71) Phenanthrene	11.480	178	696448	47.023	ng	99
72) Anthracene	11.528	178	713441	47.550	ng	100
73) Carbazole	11.680	167	589119	47.918	ng	99
74) Di-n-butylphthalate	12.004	149	717051	62.520	ng	99
75) Fluoranthene	12.669	202	628280	47.275	ng	99
77) Benzidine	12.786	184	199014	37.580	ng	99
78) Pyrene	12.898	202	624920	34.944	ng	99
80) Butylbenzylphthalate	13.504	149	259369	53.089	ng	98
81) Benzo(a)anthracene	14.086	228	635175	45.379	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	122671	30.603	ng	99
83) Chrysene	14.121	228	593786	47.205	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	374379	50.313	ng	100
85) Di-n-octyl phthalate	14.680	149	661457	47.985	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	580620	33.918	ng	99
88) Benzo(b)fluoranthene	15.157	252	692246	52.278	ng	100
89) Benzo(k)fluoranthene	15.186	252	627592	49.502	ng	99
90) Benzo(a)pyrene	15.533	252	625853	50.919	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	480428	35.043	ng	100
92) Benzo(g,h,i)perylene	17.586	276	427593	31.366	ng	100

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

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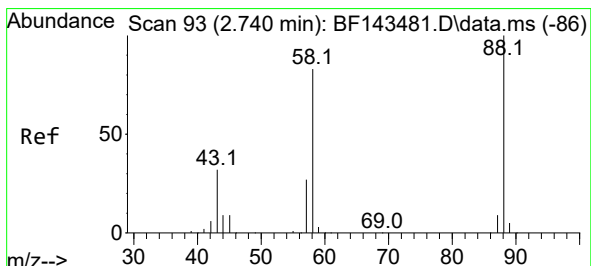
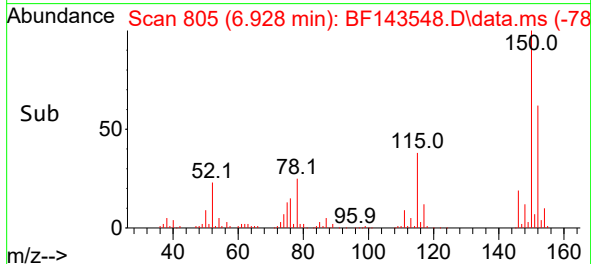
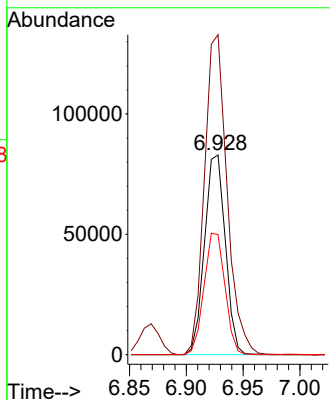
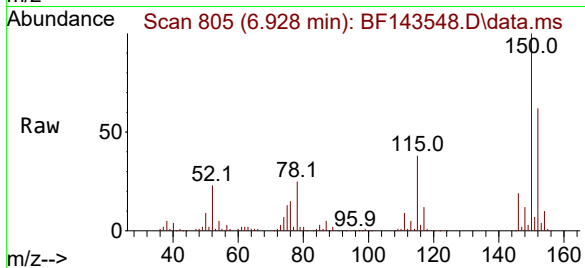




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

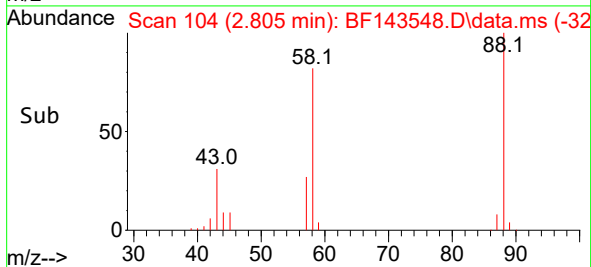
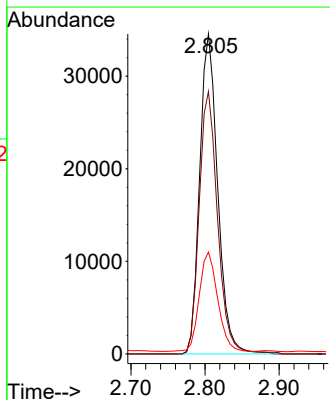
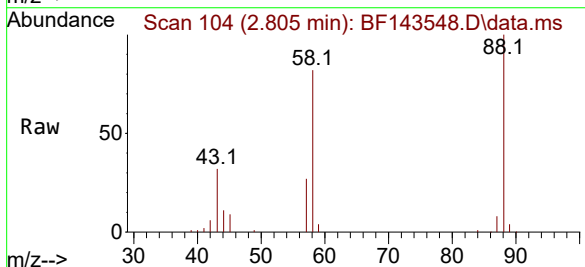
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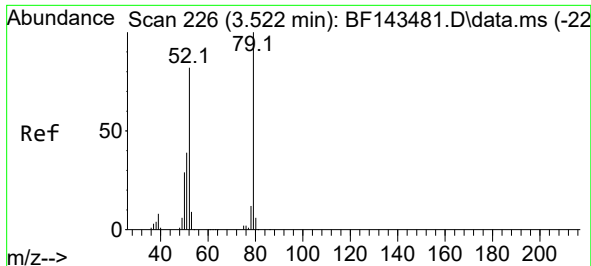
Tgt Ion:152 Resp: 105948
Ion Ratio Lower Upper
152 100
150 160.2 128.9 193.3
115 60.1 49.2 73.8



#2
1,4-Dioxane
Concen: 20.776 ng
RT: 2.805 min Scan# 104
Delta R.T. 0.071 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion: 88 Resp: 58397
Ion Ratio Lower Upper
88 100
58 83.9 66.7 100.1
43 31.7 25.8 38.8





#3

Pyridine

Concen: 17.617 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

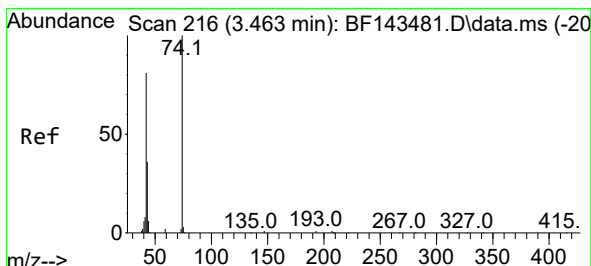
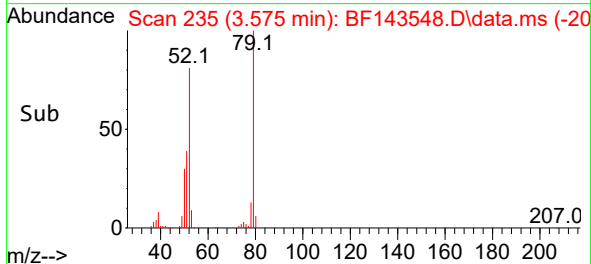
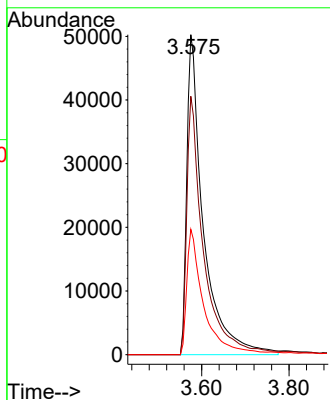
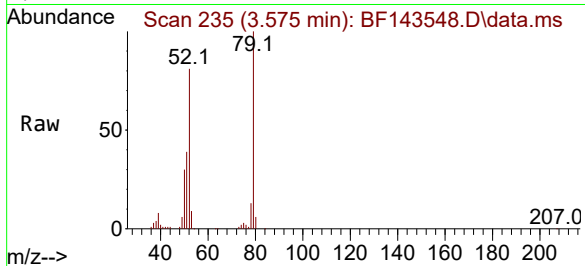
Tgt Ion: 79 Resp: 131888

Ion Ratio Lower Upper

79 100

52 80.8 65.6 98.4

51 39.1 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 22.316 ng

RT: 3.505 min Scan# 223

Delta R.T. 0.029 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

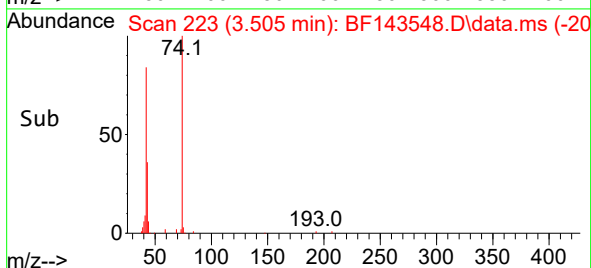
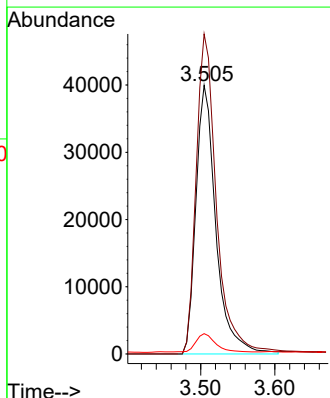
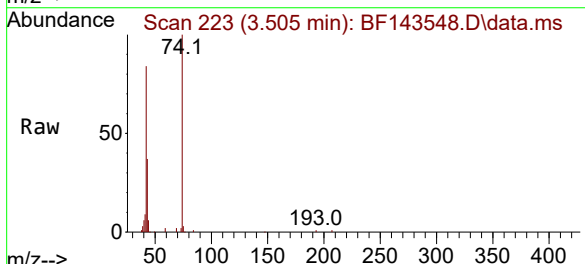
Tgt Ion: 42 Resp: 75101

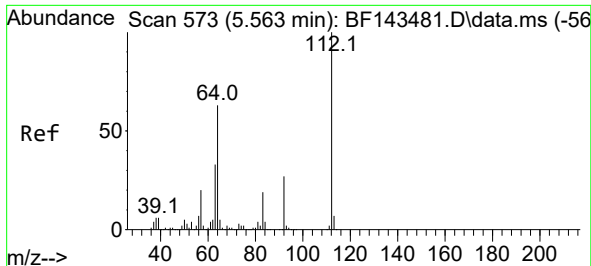
Ion Ratio Lower Upper

42 100

74 119.1 98.6 148.0

44 7.6 5.8 8.8

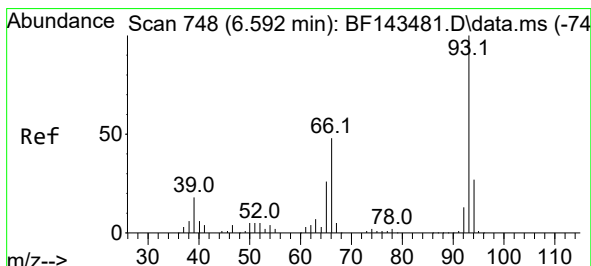
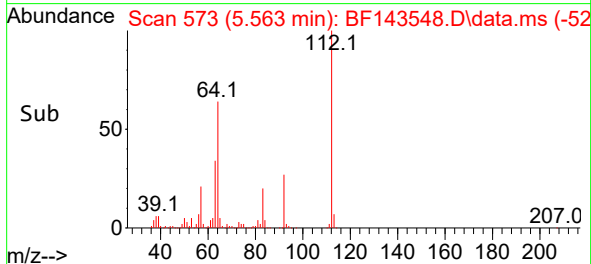
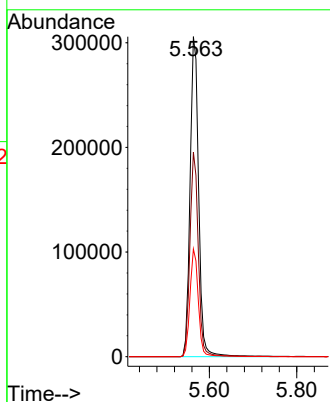
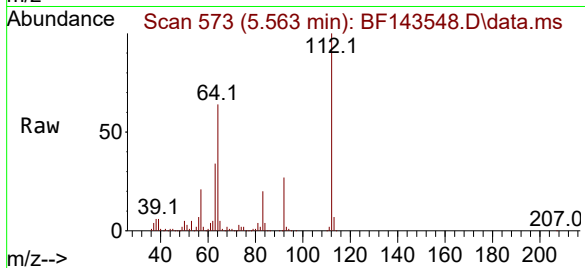




#5
2-Fluorophenol
Concen: 68.553 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

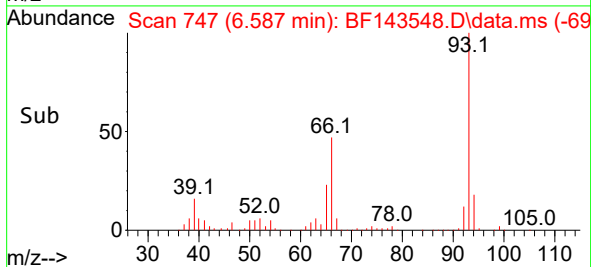
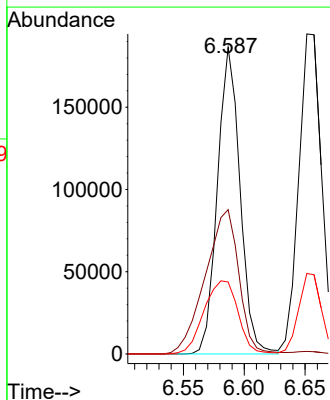
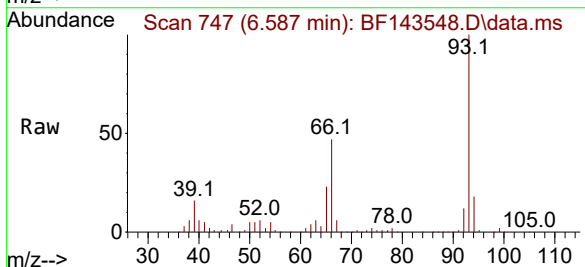
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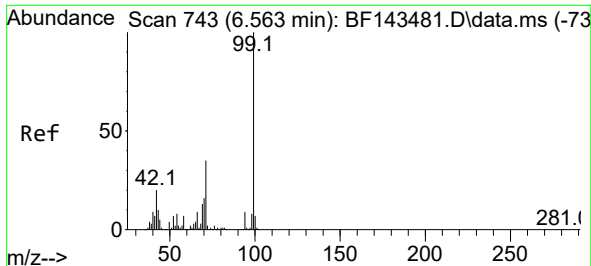
Tgt Ion:112 Resp: 415947
Ion Ratio Lower Upper
112 100
64 63.9 50.4 75.6
63 33.7 26.4 39.6



#6
Aniline
Concen: 24.032 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion: 93 Resp: 240591
Ion Ratio Lower Upper
93 100
66 47.1 38.9 58.3
65 23.5 20.6 30.8





#7

Phenol-d6

Concen: 44.323 ng

RT: 6.557 min Scan# 743

Delta R.T. -0.018 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

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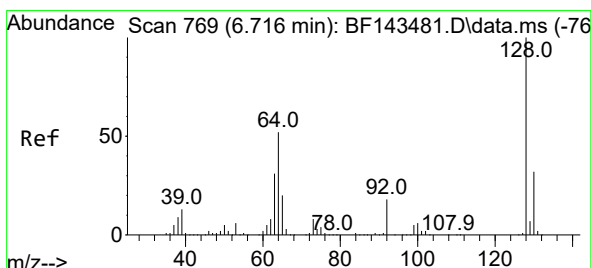
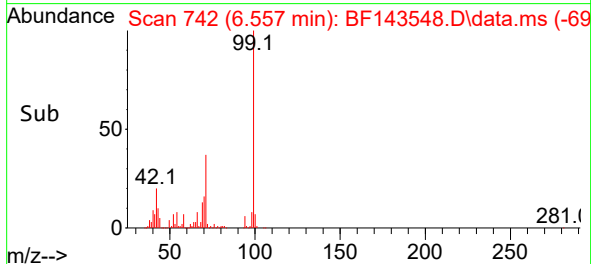
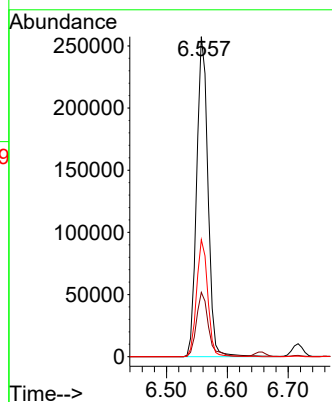
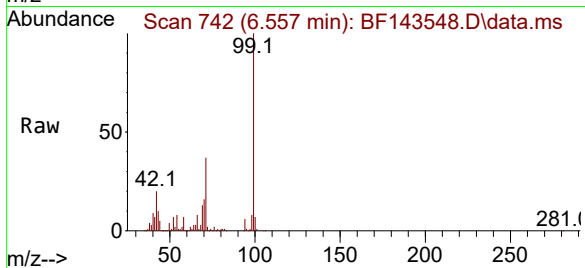
Tgt Ion: 99 Resp: 331979

Ion Ratio Lower Upper

99 100

42 20.1 16.3 24.5

71 36.6 28.2 42.2



#8

2-Chlorophenol

Concen: 34.461 ng

RT: 6.716 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

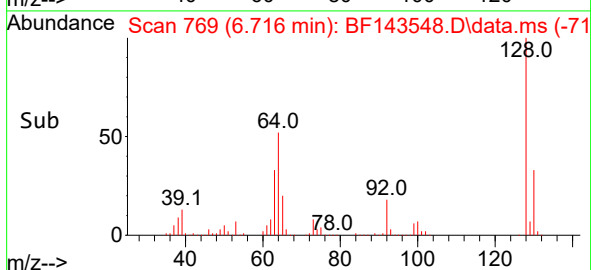
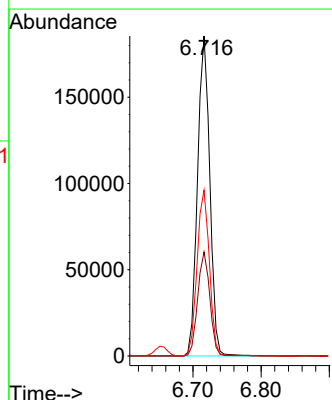
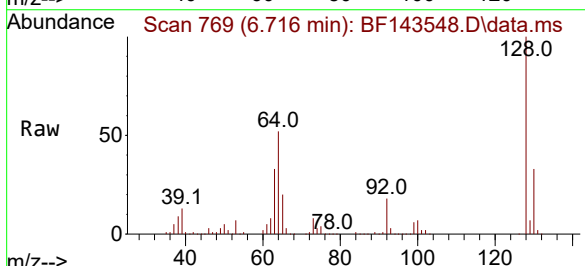
Tgt Ion: 128 Resp: 230946

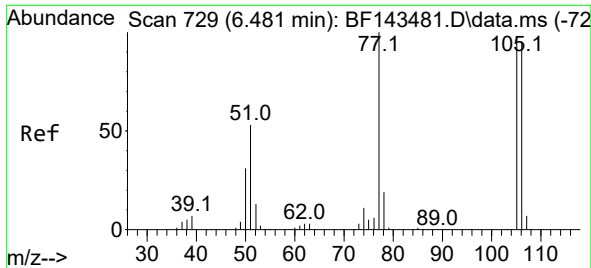
Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

64 51.8 31.6 71.6

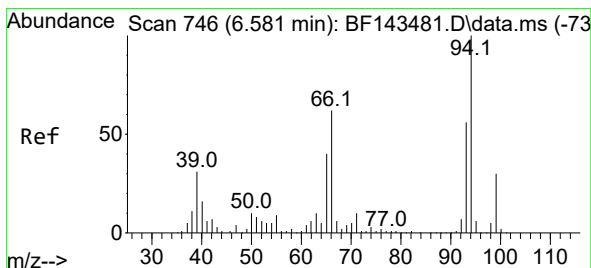
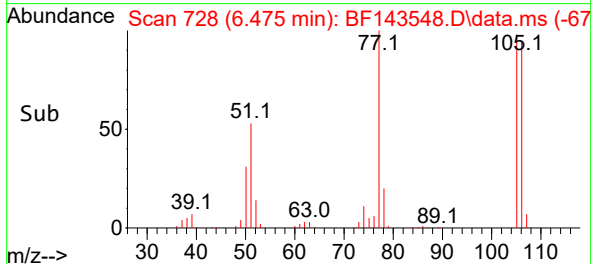
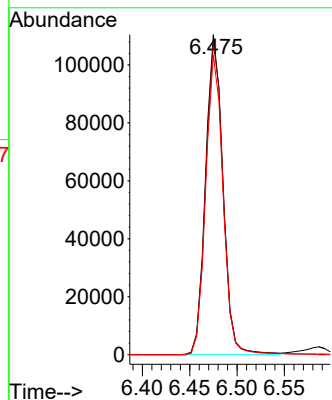
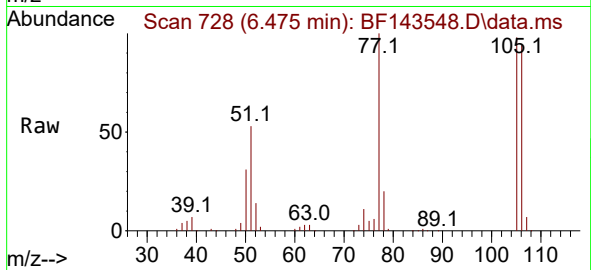




#9
Benzaldehyde
Concen: 23.214 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

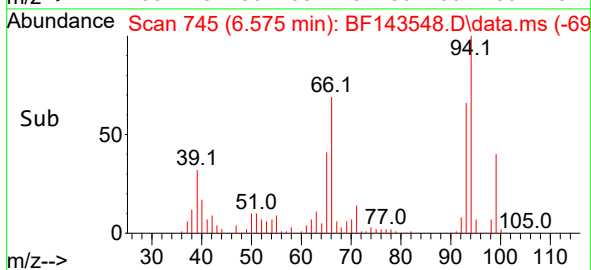
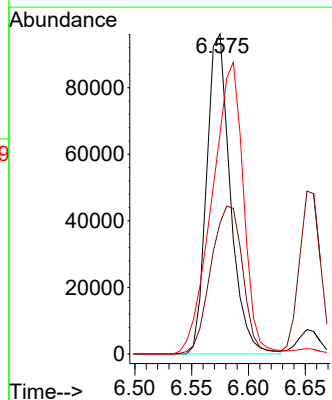
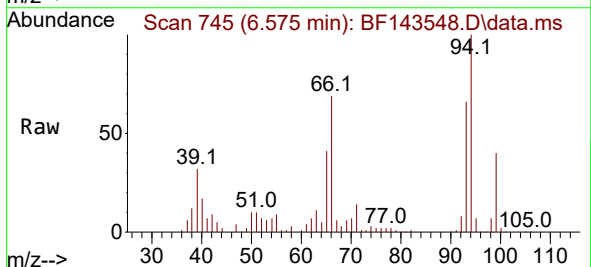
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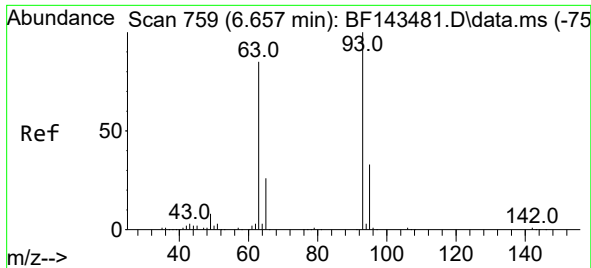
Tgt Ion: 77 Resp: 140772
Ion Ratio Lower Upper
77 100
105 97.9 78.1 118.1
106 93.7 74.9 114.9



#10
Phenol
Concen: 16.131 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion: 94 Resp: 139190
Ion Ratio Lower Upper
94 100
65 41.0 19.5 59.5
66 68.8 42.5 82.5

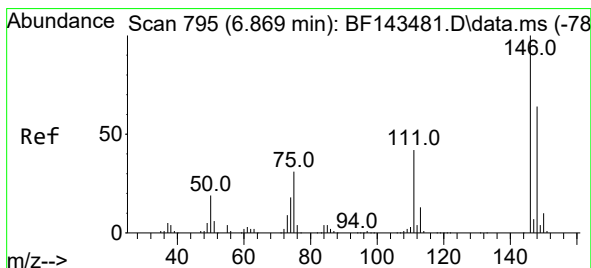
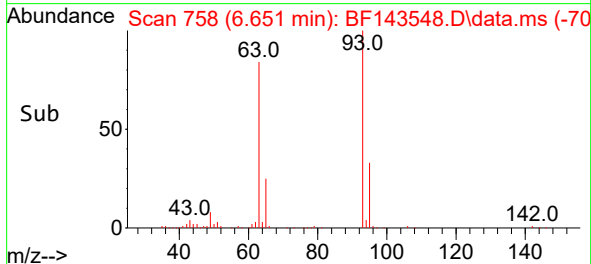
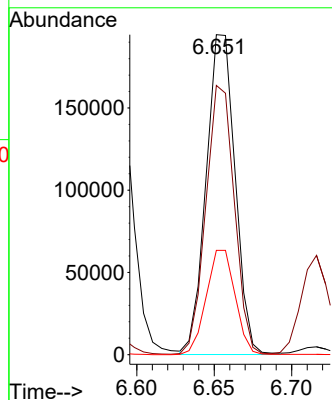
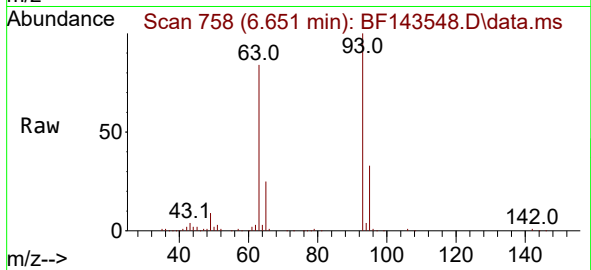




#11
bis(2-Chloroethyl)ether
Concen: 39.268 ng
RT: 6.651 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

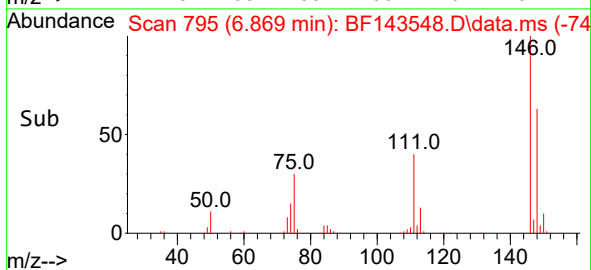
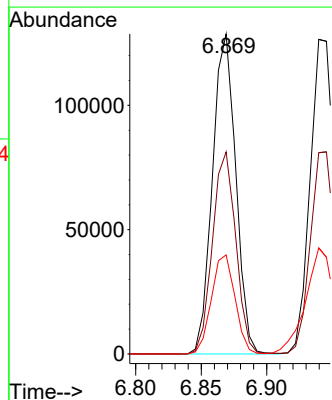
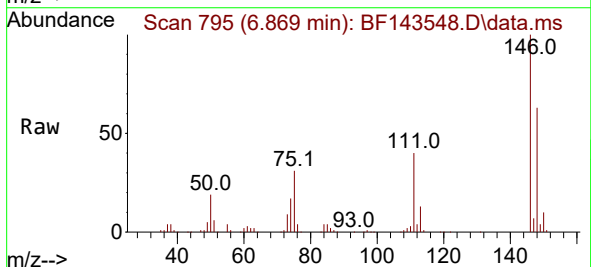
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

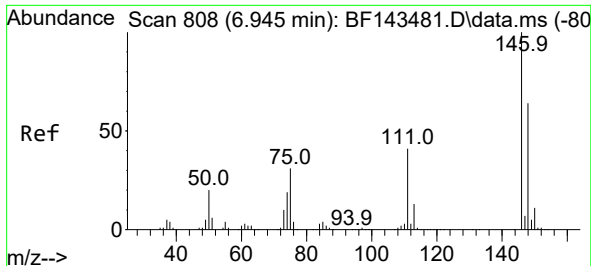
Tgt Ion: 93 Resp: 253195
Ion Ratio Lower Upper
93 100
63 84.1 63.6 103.6
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 21.139 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion: 146 Resp: 159172
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 30.9 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 21.859 ng

RT: 6.940 min Scan# 808

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

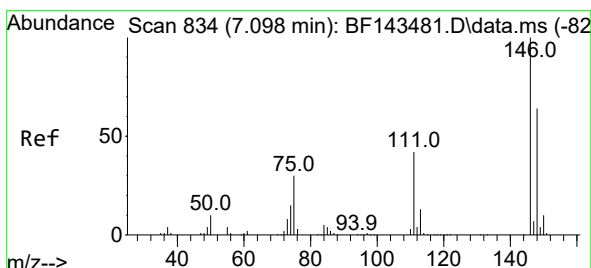
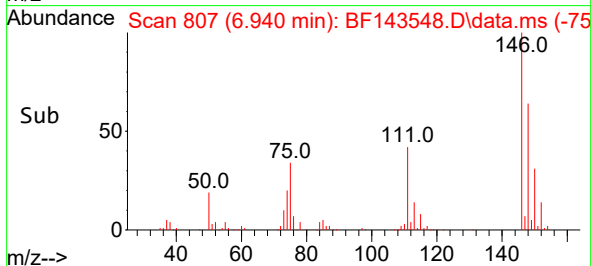
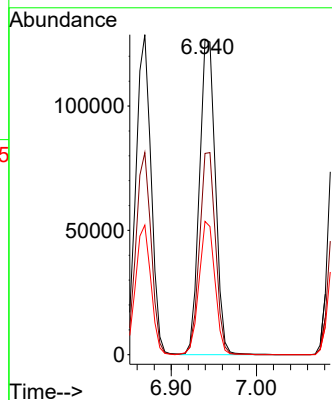
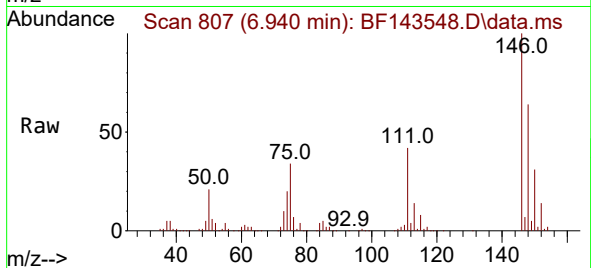
Tgt Ion:146 Resp: 165105

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

111 42.4 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 23.222 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

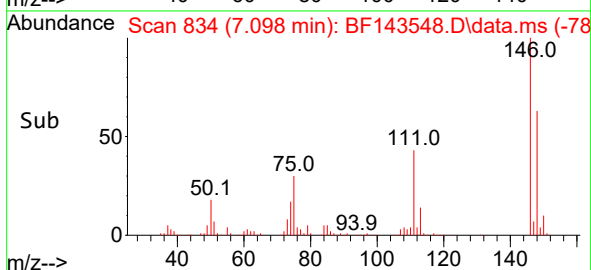
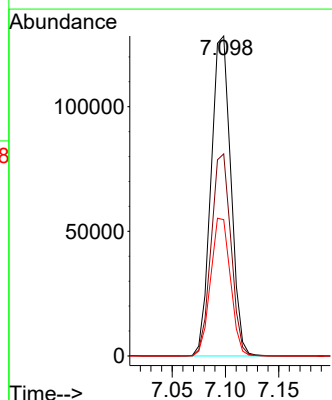
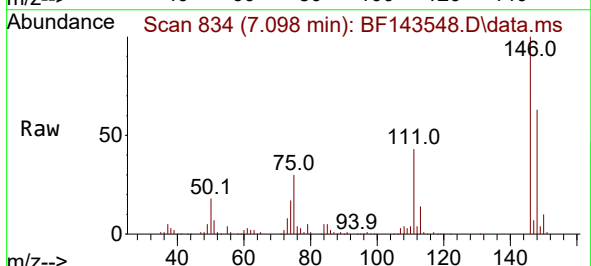
Tgt Ion:146 Resp: 166066

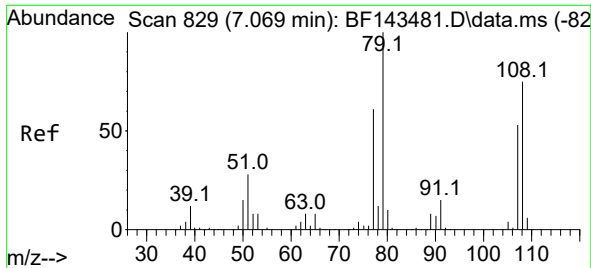
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

111 42.6 34.0 51.0

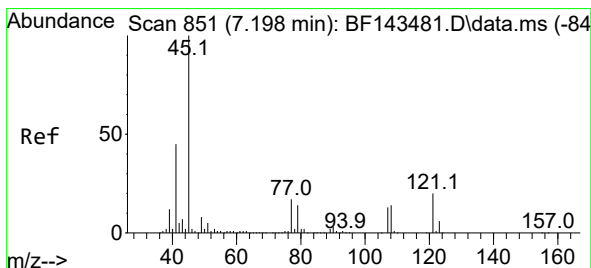
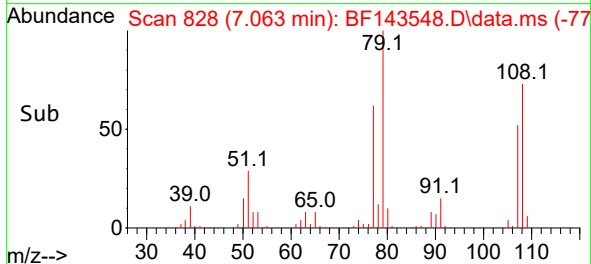
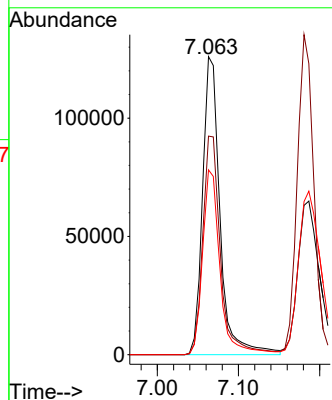
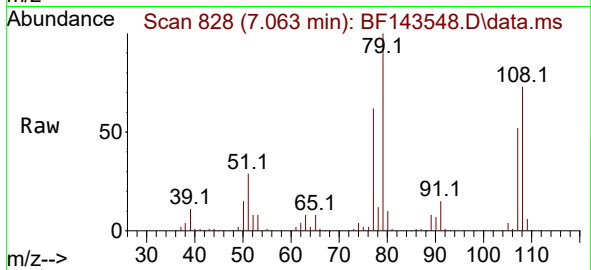




#15
Benzyl Alcohol
Concen: 33.622 ng
RT: 7.063 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

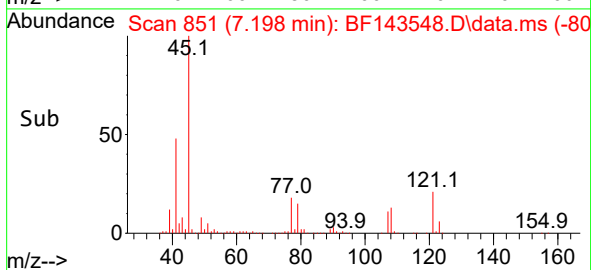
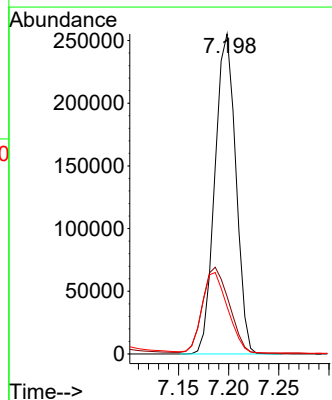
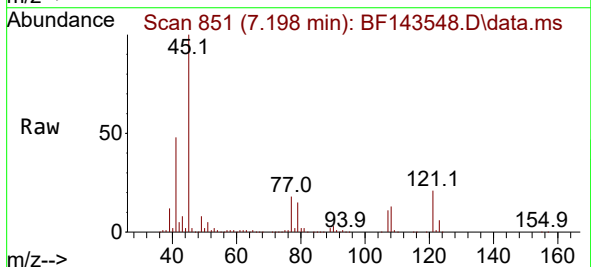
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

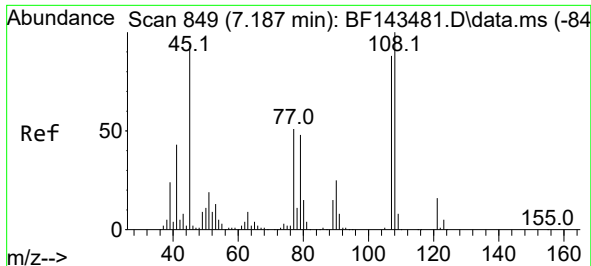
Tgt Ion: 79 Resp: 188542
Ion Ratio Lower Upper
79 100
108 73.3 59.8 89.6
77 62.0 49.0 73.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.890 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion: 45 Resp: 370236
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.9
79 14.7 0.0 34.7

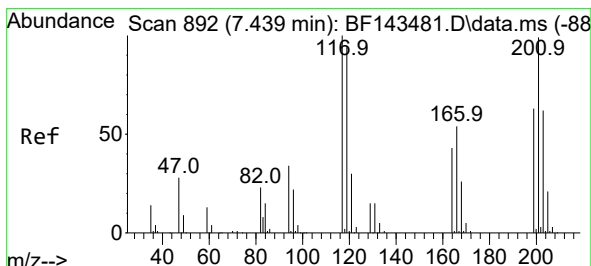
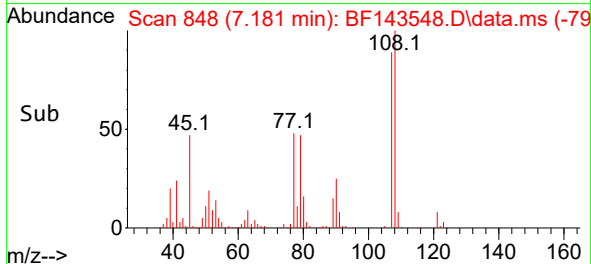
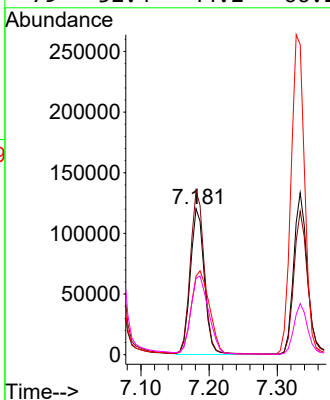
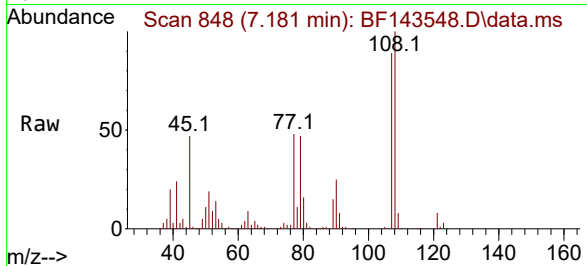




#17
2-Methylphenol
Concen: 31.897 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

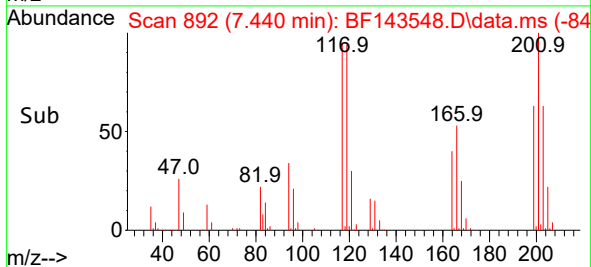
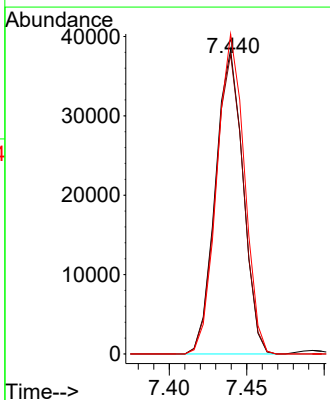
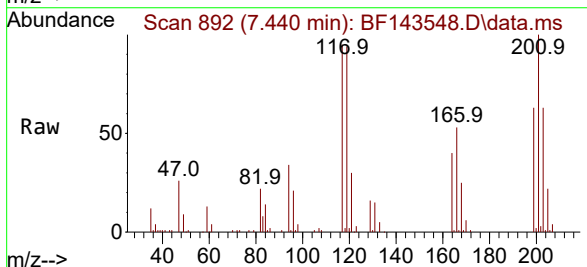
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

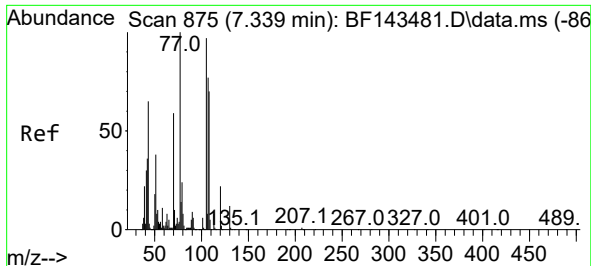
Tgt Ion:	107	Resp:	171564
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.1	136.7
77	53.8	46.2	69.4
79	52.4	44.2	66.2



#18
Hexachloroethane
Concen: 18.483 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:	117	Resp:	47467
Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.4	113.0
201	105.1	79.0	118.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.057 ng

RT: 7.334 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

Tgt Ion: 70 Resp: 210847

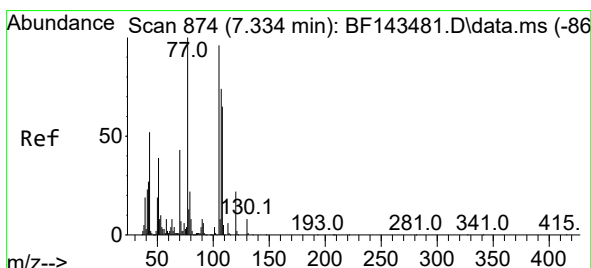
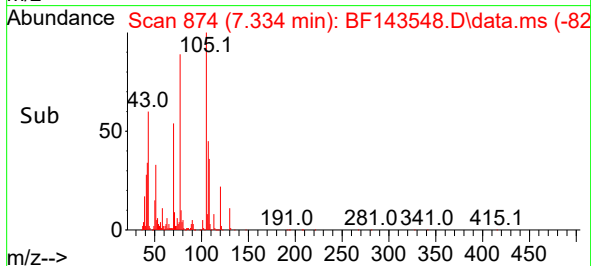
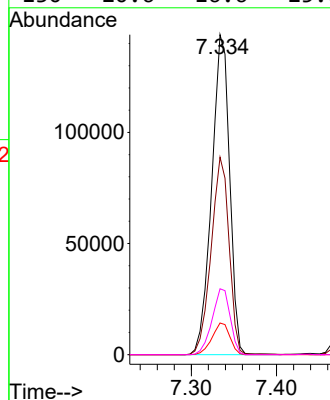
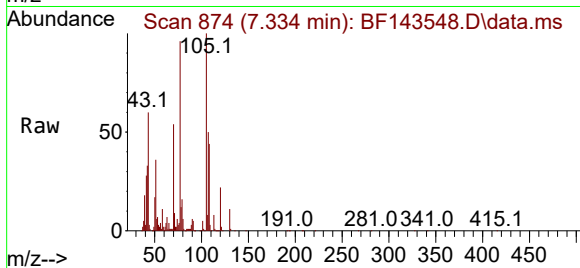
Ion Ratio Lower Upper

70 100

42 61.7 49.3 73.9

101 9.9 7.8 11.8

130 20.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 29.264 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Tgt Ion:107 Resp: 187898

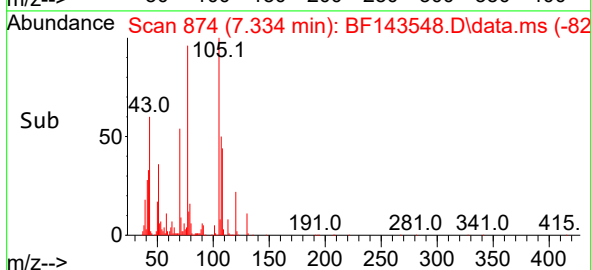
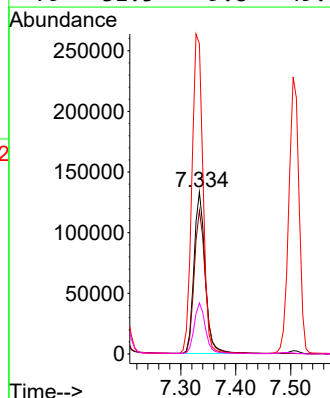
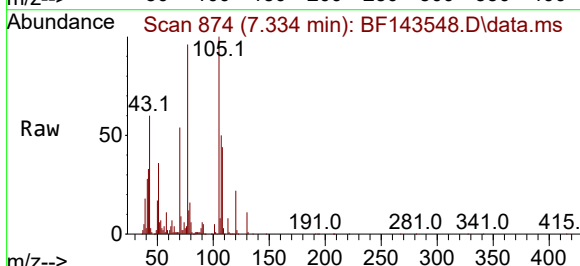
Ion Ratio Lower Upper

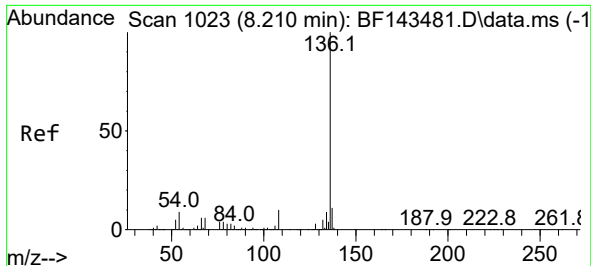
107 100

108 88.5 68.4 108.4

77 191.6 116.1 156.1#

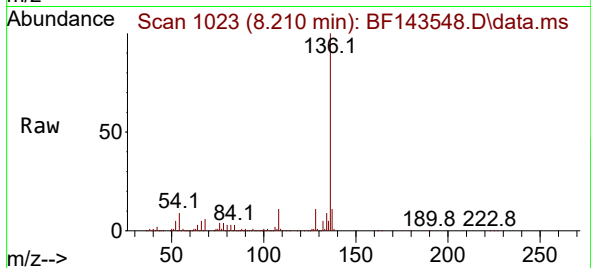
79 31.5 9.8 49.8



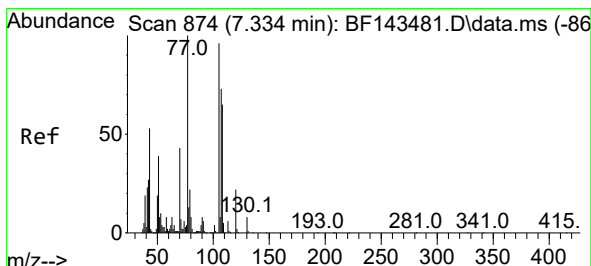
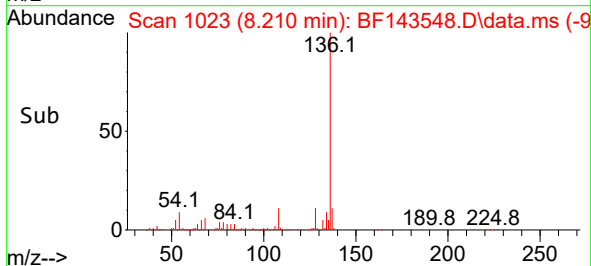
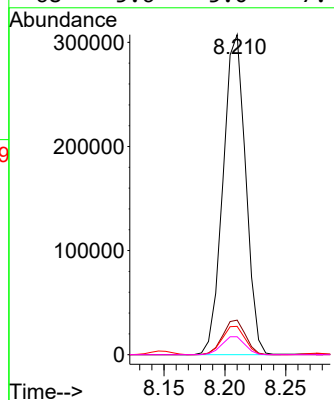


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

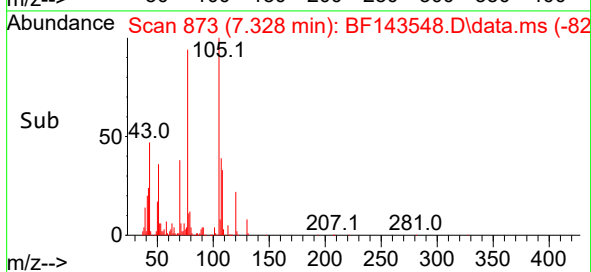
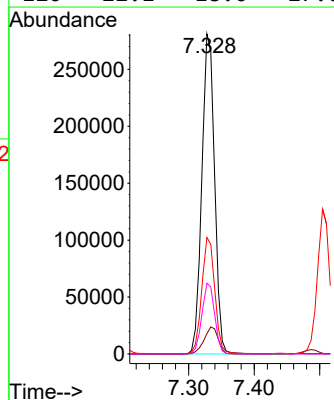
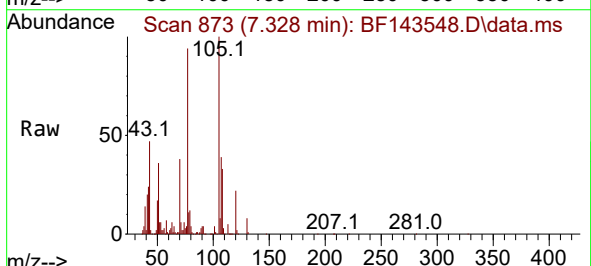


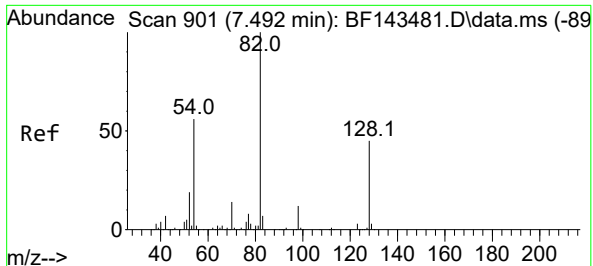
Tgt Ion:	136	Resp:	397799
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.9	7.4	11.2
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 44.336 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:	105	Resp:	381035
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.9	8.9
51	36.4	32.5	48.7
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 94.590 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

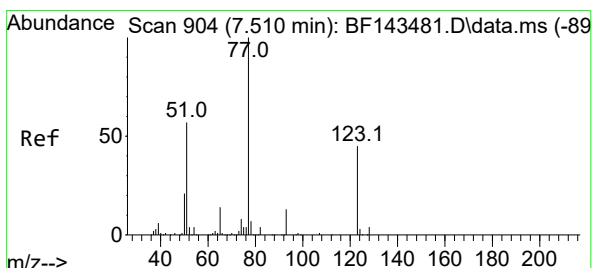
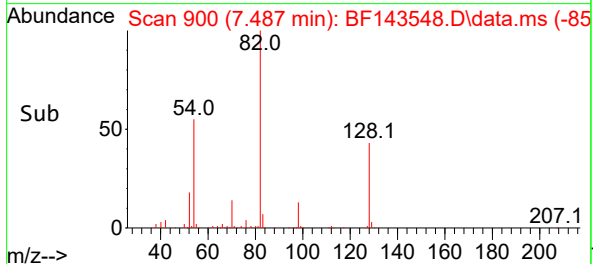
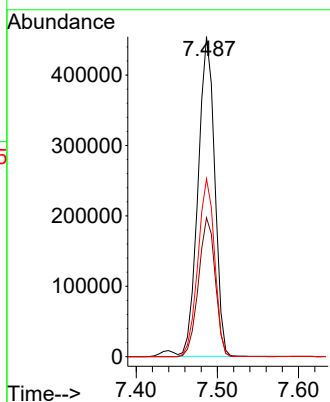
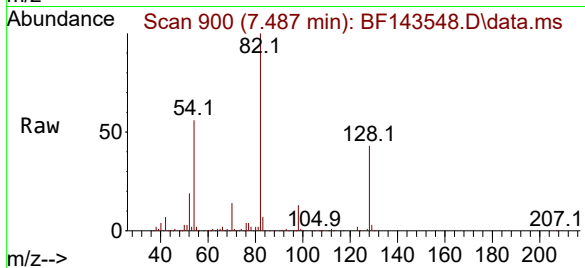
Tgt Ion: 82 Resp: 644812

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

54 55.6 44.3 66.5



#24

Nitrobenzene

Concen: 42.005 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

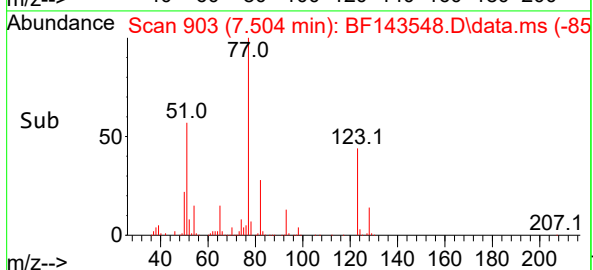
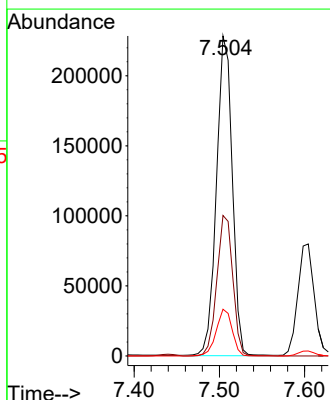
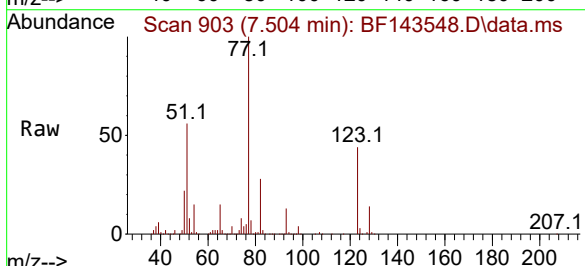
Tgt Ion: 77 Resp: 294716

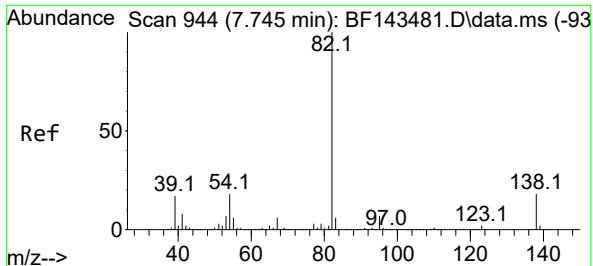
Ion Ratio Lower Upper

77 100

123 43.9 36.1 54.1

65 14.6 11.0 16.6

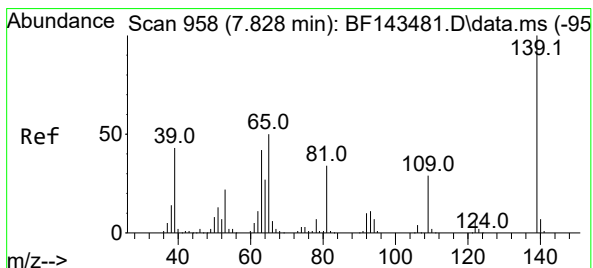
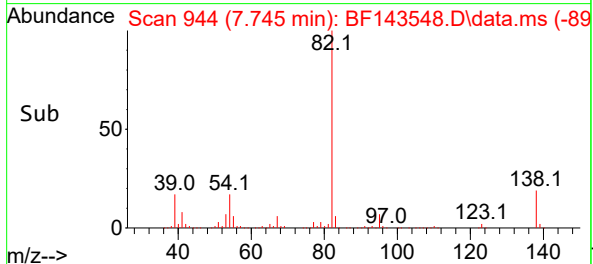
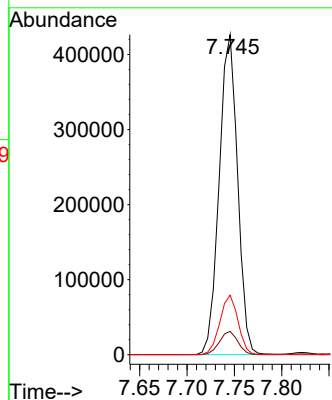
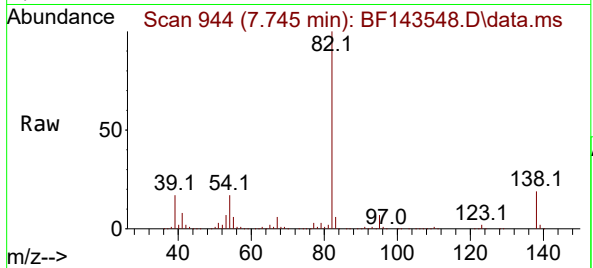




#25
Isophorone
Concen: 46.098 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

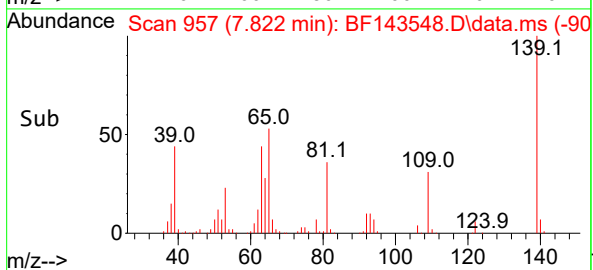
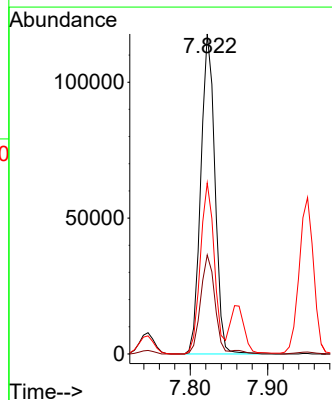
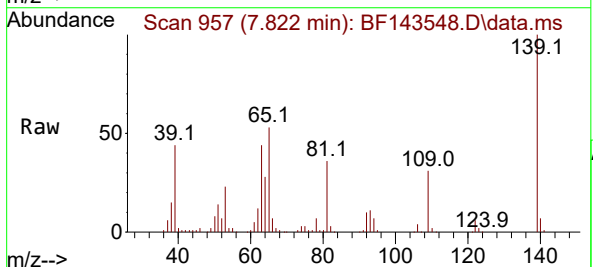
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

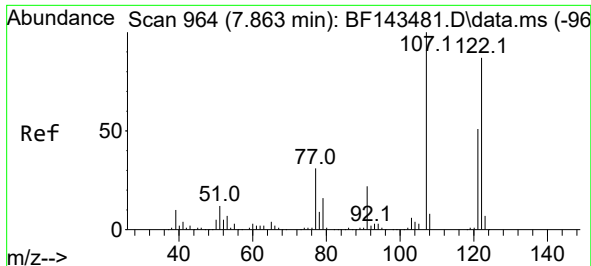
Tgt Ion: 82 Resp: 576036
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.6 14.2 21.4



#26
2-Nitrophenol
Concen: 43.353 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:139 Resp: 148994
Ion Ratio Lower Upper
139 100
109 31.0 23.0 34.6
65 53.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 40.492 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

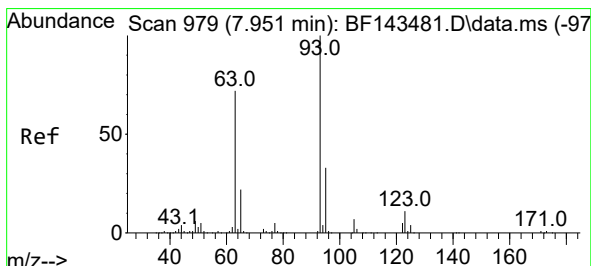
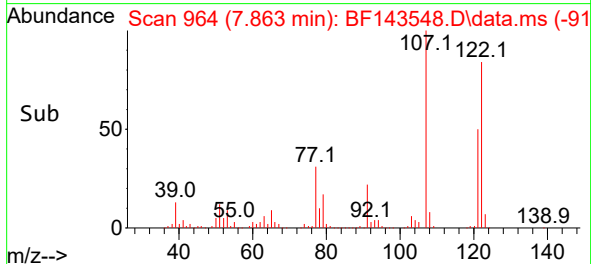
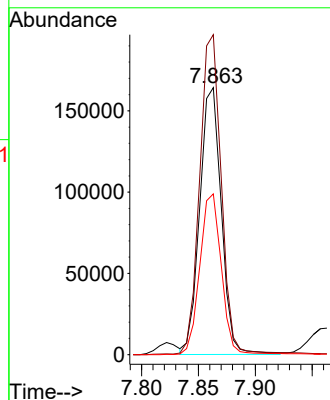
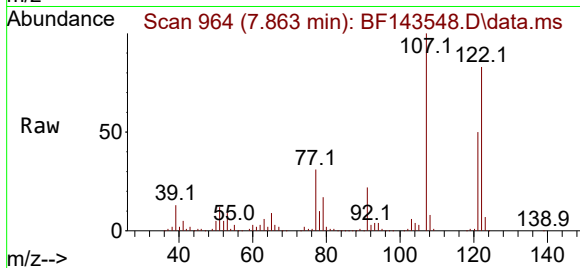
Tgt Ion:122 Resp: 216938

Ion Ratio Lower Upper

122 100

107 119.8 91.5 137.3

121 60.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.270 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

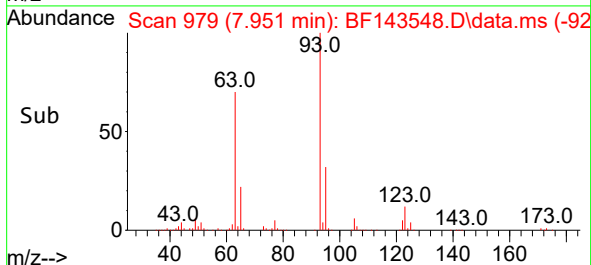
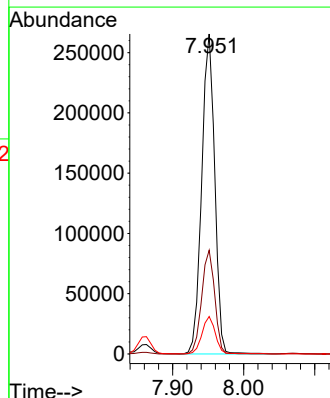
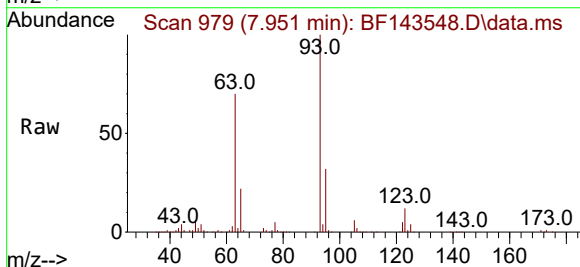
Tgt Ion: 93 Resp: 339970

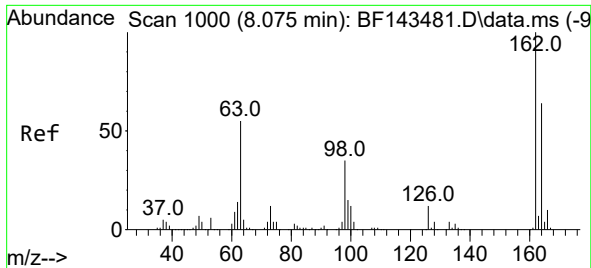
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.863 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

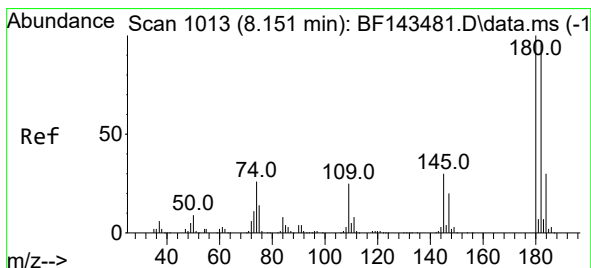
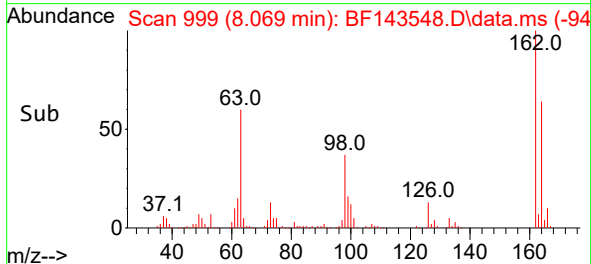
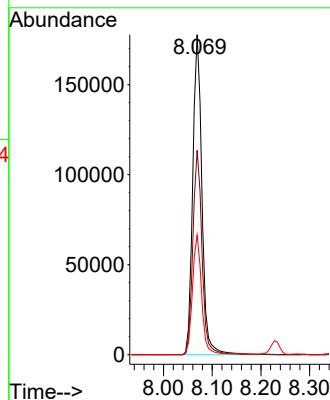
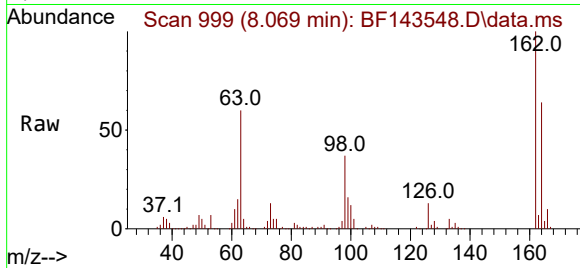
Tgt Ion:162 Resp: 233814

Ion Ratio Lower Upper

162 100

164 63.8 43.5 83.5

98 37.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 31.367 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

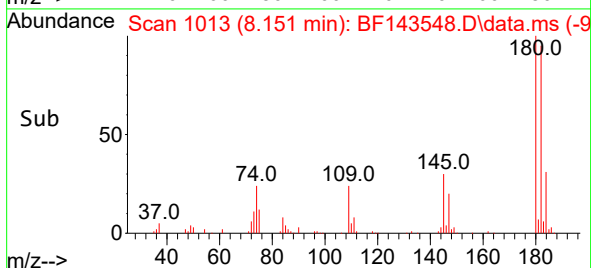
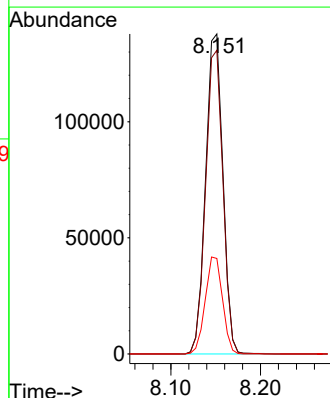
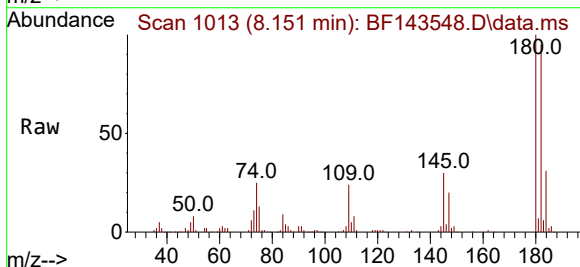
Tgt Ion:180 Resp: 184527

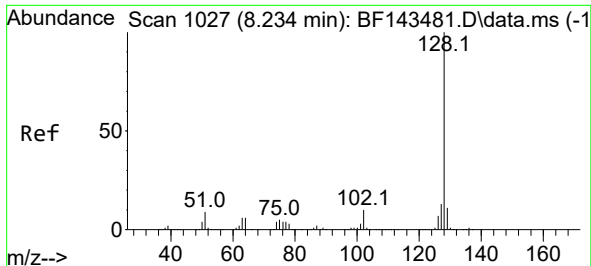
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 29.9 24.3 36.5

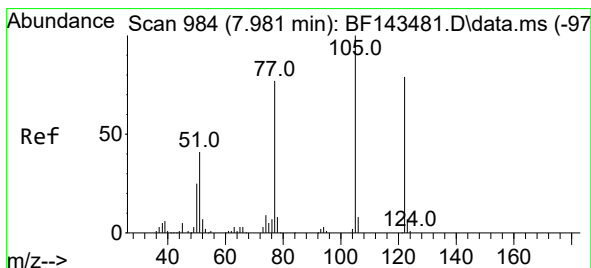
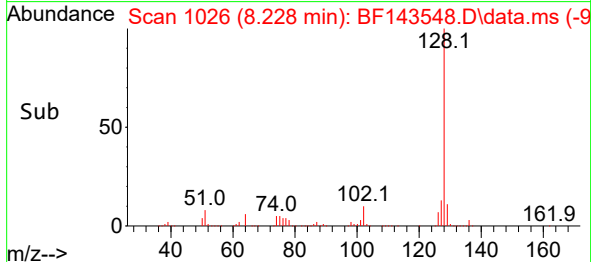
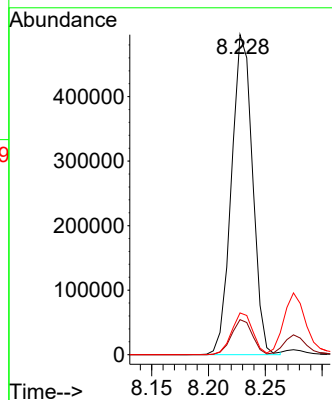
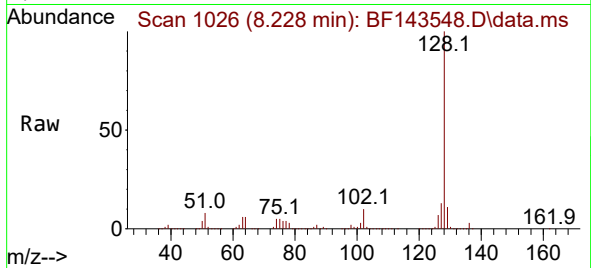




#31
Naphthalene
Concen: 33.469 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

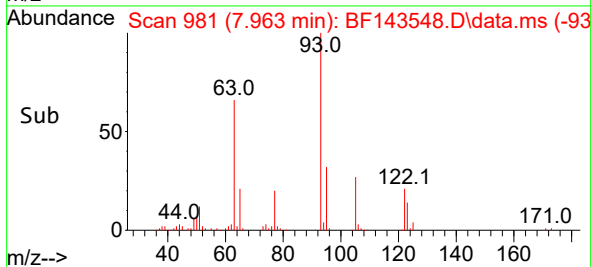
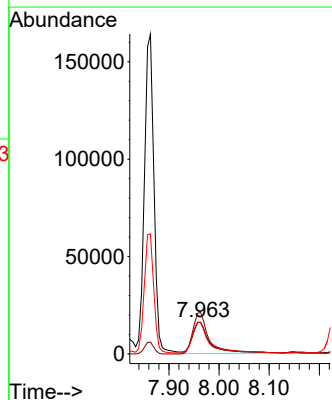
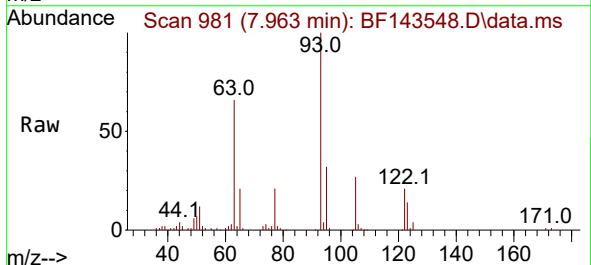
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

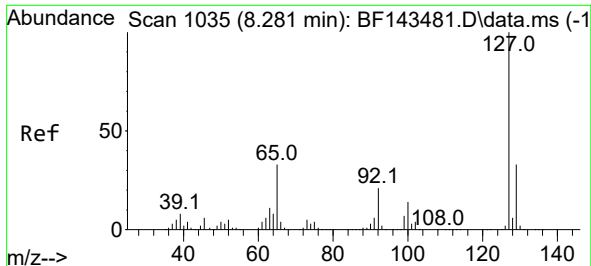
Tgt Ion:128 Resp: 639205
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 16.788 ng
RT: 7.963 min Scan# 981
Delta R.T. -0.047 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:122 Resp: 38730
Ion Ratio Lower Upper
122 100
105 131.1 104.7 144.7
77 98.7 77.3 117.3

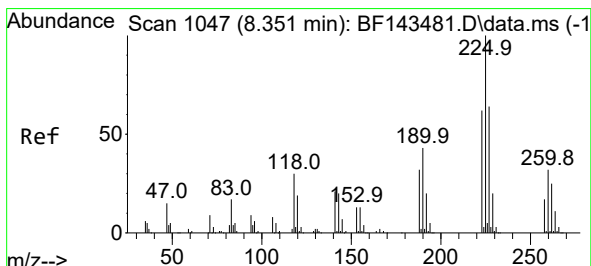
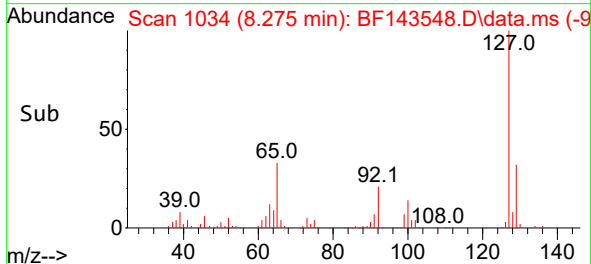
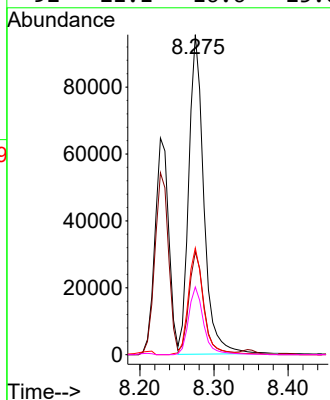
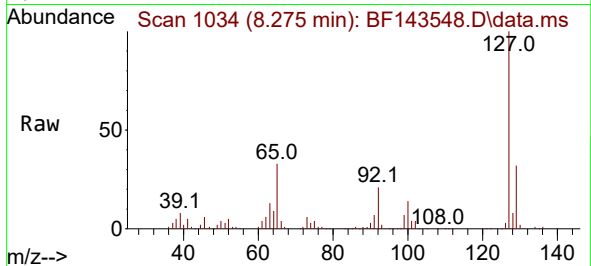




#33
4-Chloroaniline
Concen: 19.875 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

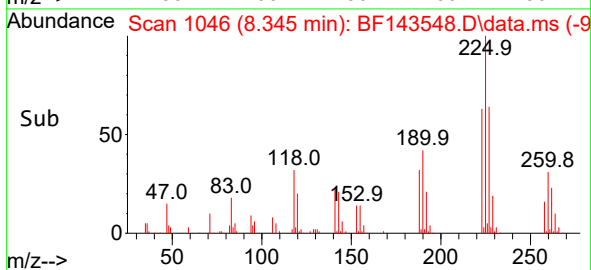
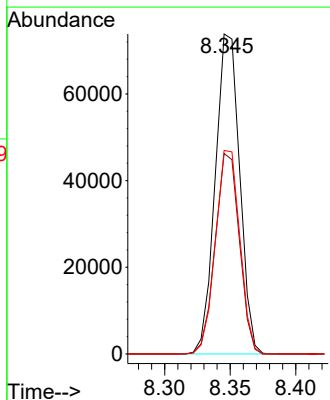
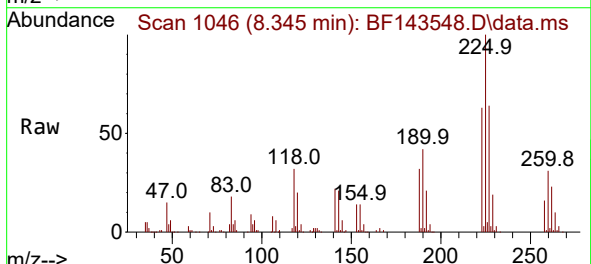
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

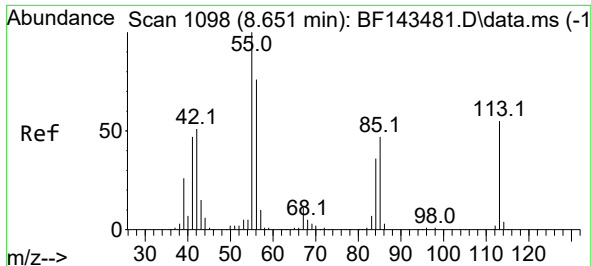
Tgt	Ion:127	Resp:	134724
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	33.4	26.2	39.2
92	21.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 24.886 ng
RT: 8.345 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:225	Resp: 95514
Ion Ratio	Lower Upper
225 100	
223 62.7	49.9 74.9
227 63.6	50.9 76.3

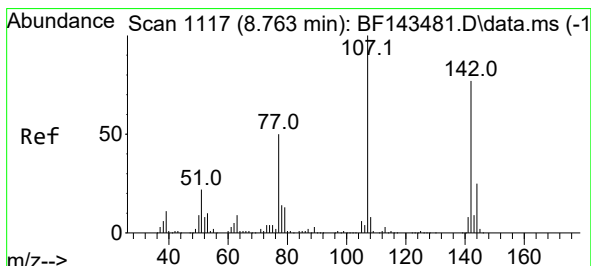
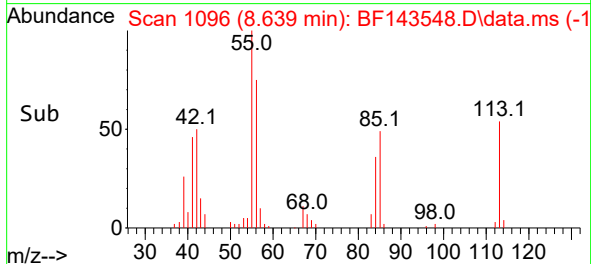
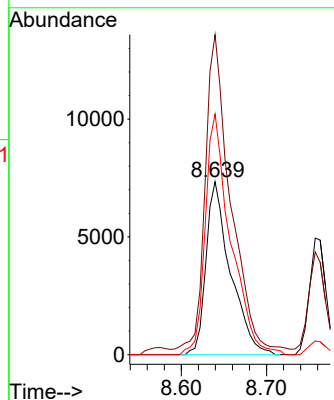
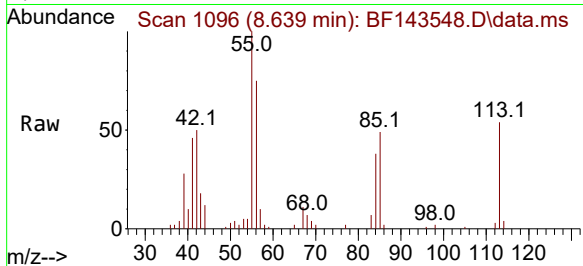




#35
Caprolactam
Concen: 10.620 ng
RT: 8.639 min Scan# 1096
Delta R.T. -0.035 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

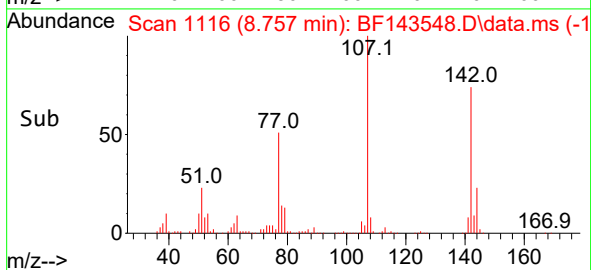
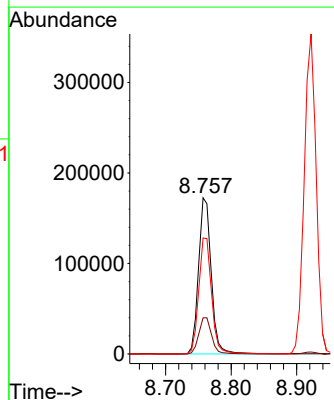
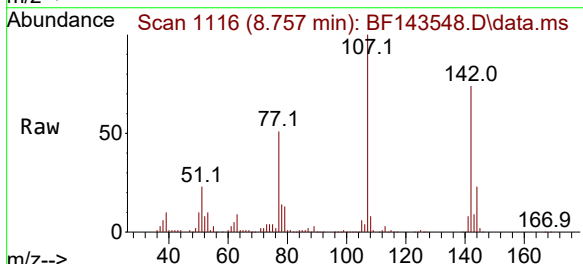
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

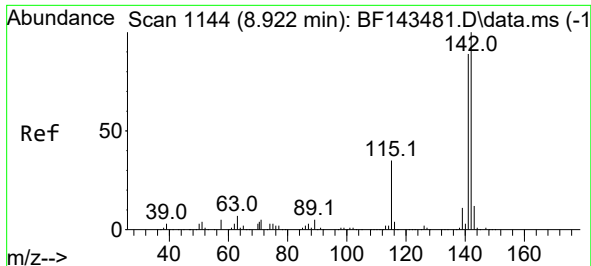
Tgt Ion:113 Resp: 14581
Ion Ratio Lower Upper
113 100
55 184.9 162.8 202.8
56 139.1 118.1 158.1



#36
4-Chloro-3-methylphenol
Concen: 40.787 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:107 Resp: 233880
Ion Ratio Lower Upper
107 100
144 23.2 19.9 29.9
142 74.3 61.8 92.8

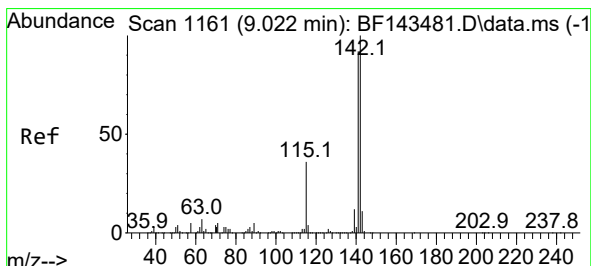
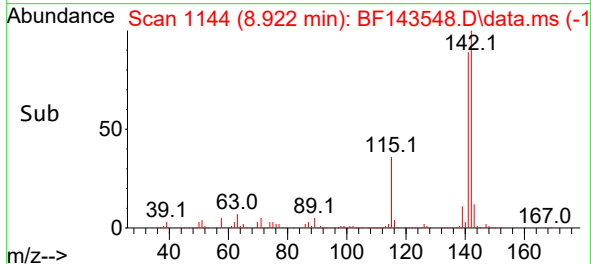
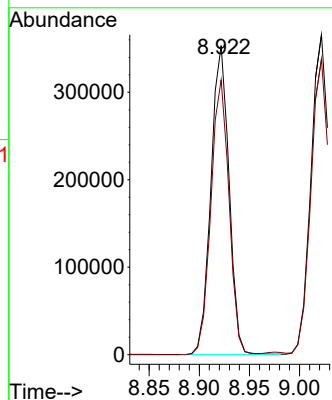
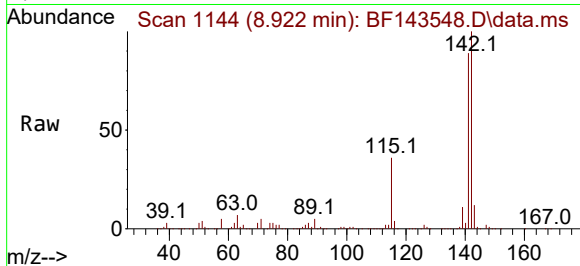




#37
2-Methylnaphthalene
Concen: 34.739 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

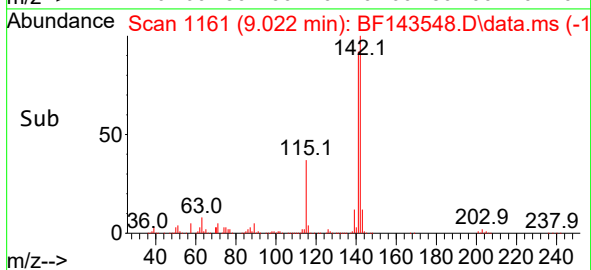
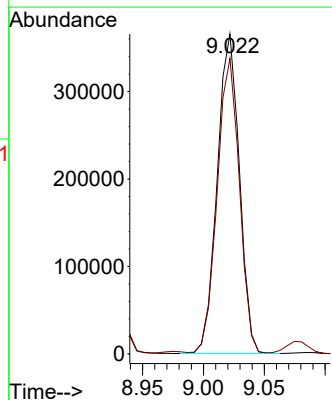
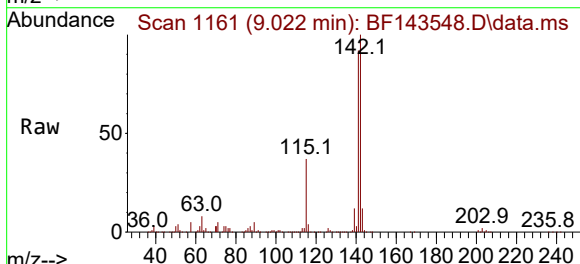
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

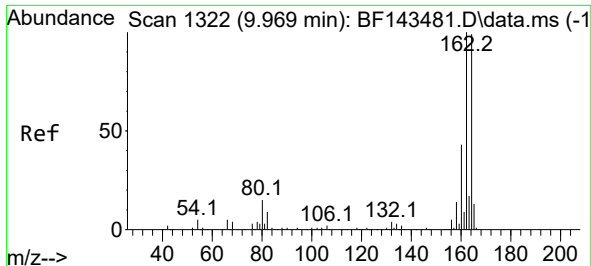
Tgt Ion:142 Resp: 443113
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 37.922 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:142 Resp: 462693
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9

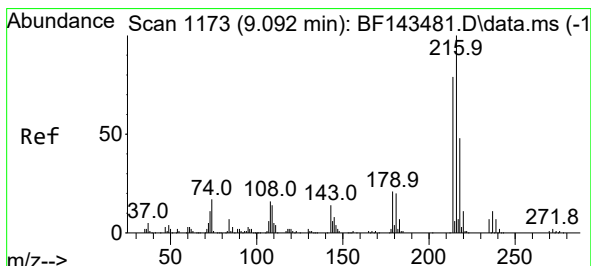
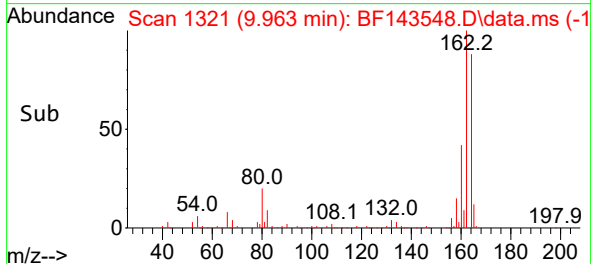
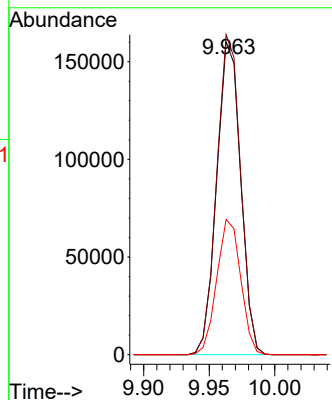
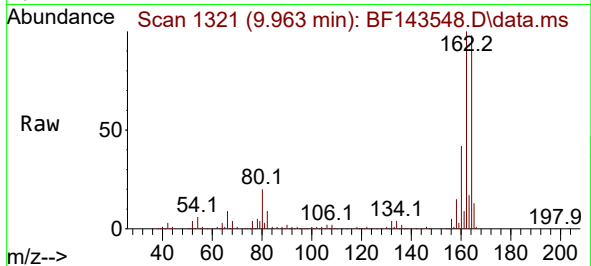




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11321
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

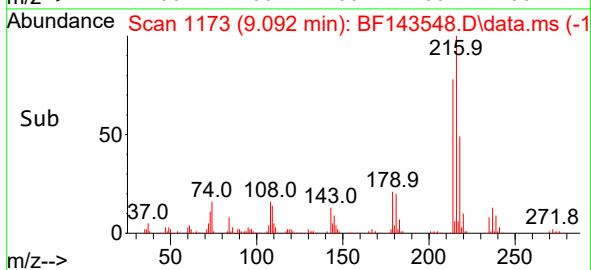
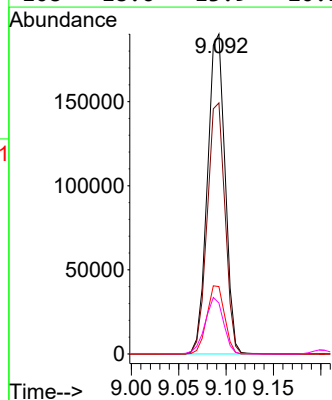
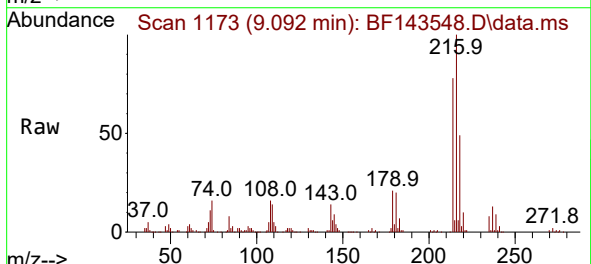
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

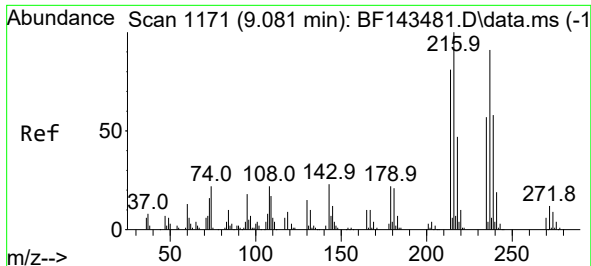
Tgt Ion:164 Resp: 203150
Ion Ratio Lower Upper
164 100
162 102.3 80.5 120.7
160 43.2 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.236 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:216 Resp: 245428
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 21.4 16.5 24.7
108 18.6 13.9 20.9

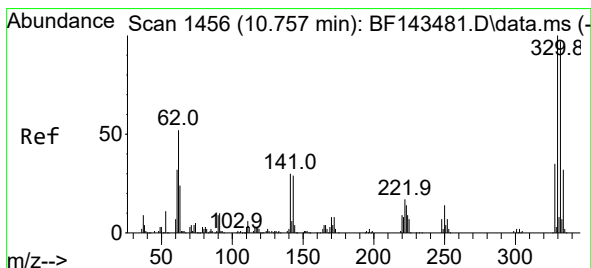
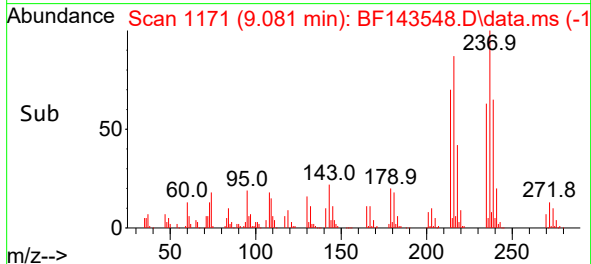
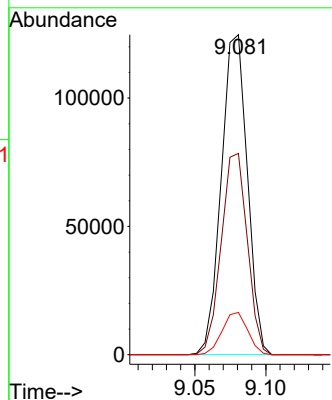
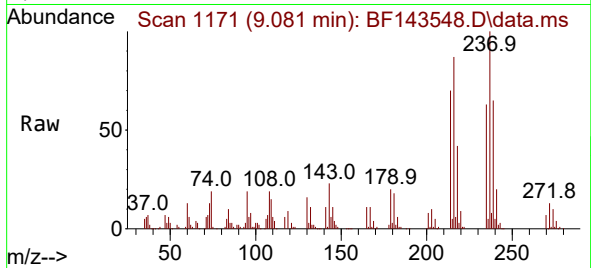




#41
Hexachlorocyclopentadiene
Concen: 71.248 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

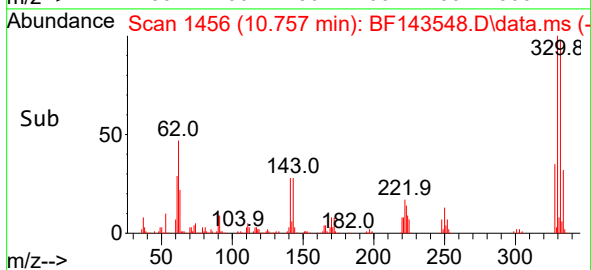
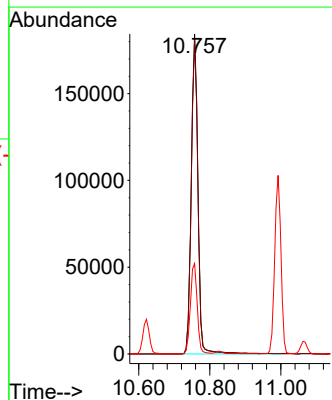
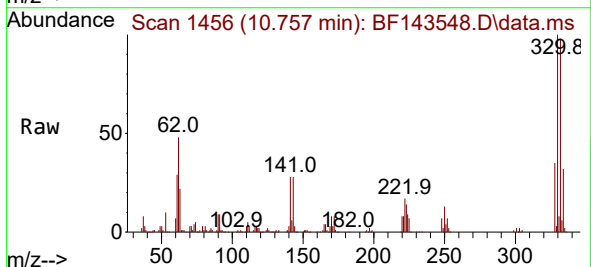
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

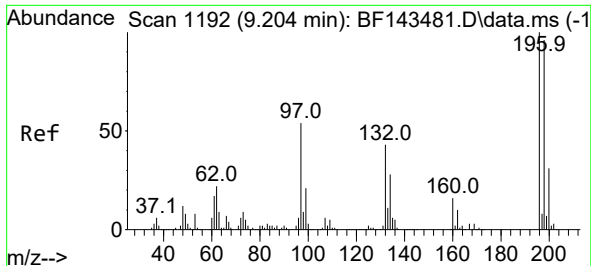
Tgt Ion:237 Resp: 159133
Ion Ratio Lower Upper
237 100
235 62.9 42.6 82.6
272 13.2 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 127.639 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:330 Resp: 241369
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 28.8 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 47.356 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

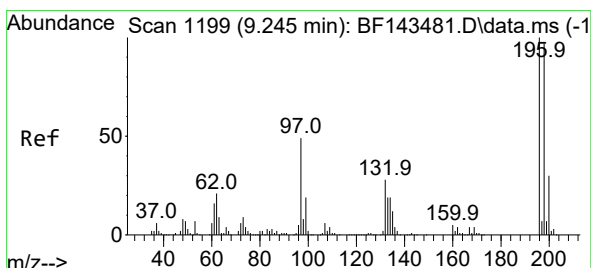
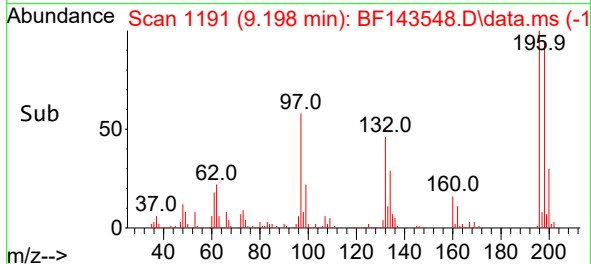
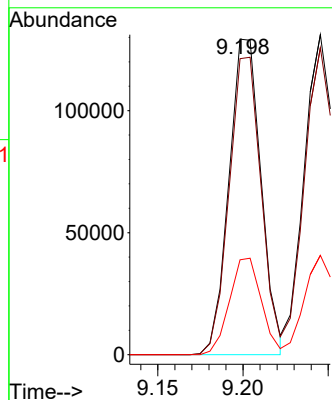
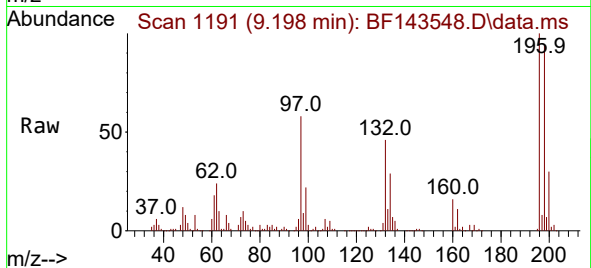
Tgt Ion:196 Resp: 169325

Ion Ratio Lower Upper

196 100

198 93.8 77.0 115.4

200 30.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.164 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Tgt Ion:196 Resp: 176397

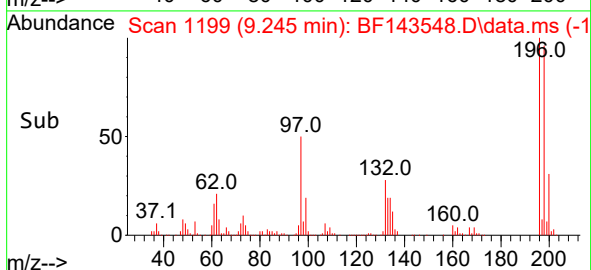
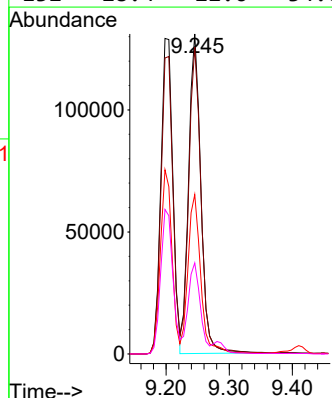
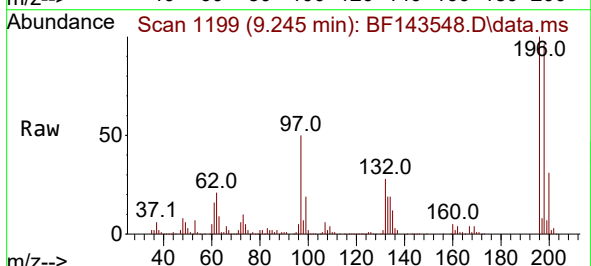
Ion Ratio Lower Upper

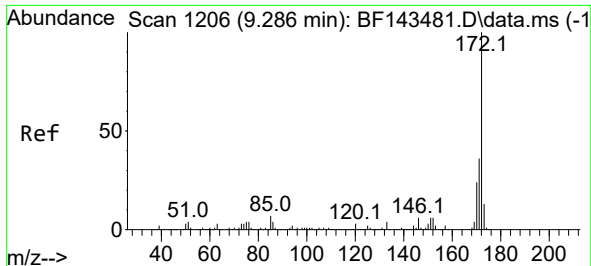
196 100

198 95.9 77.3 115.9

97 49.8 40.0 60.0

132 28.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 93.503 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

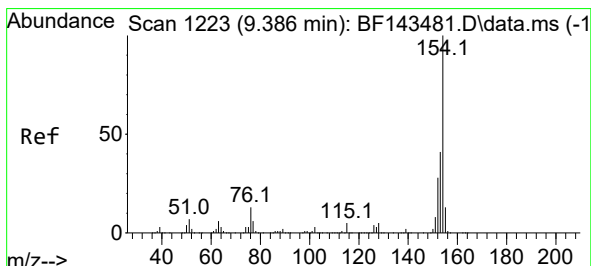
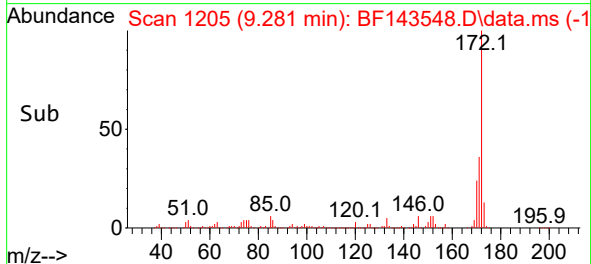
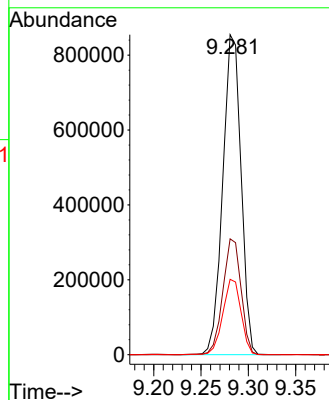
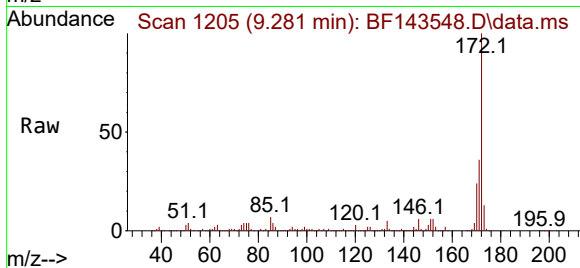
Tgt Ion:172 Resp: 1149358

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.133 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

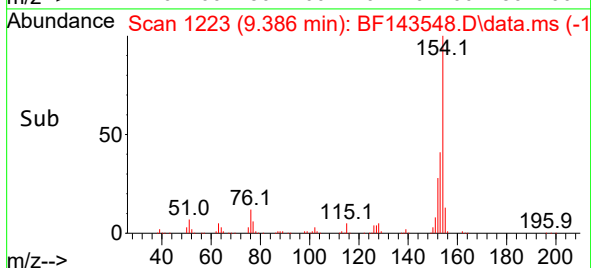
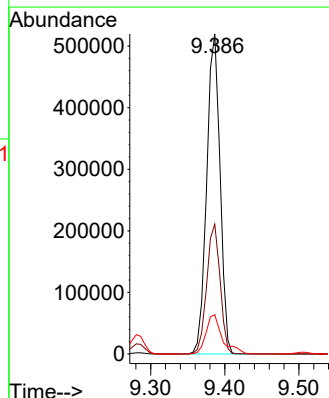
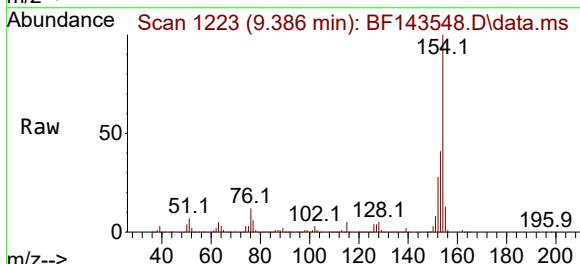
Tgt Ion:154 Resp: 650776

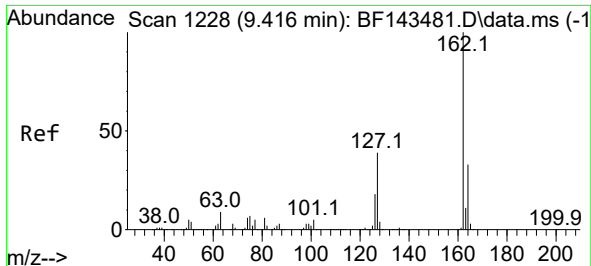
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 12.3 0.0 33.0

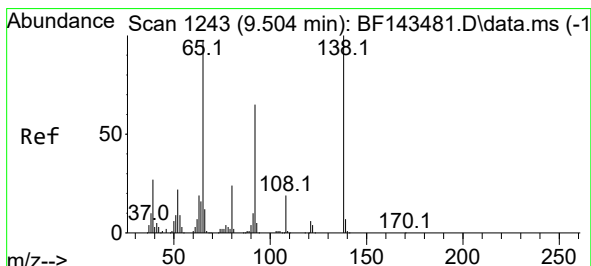
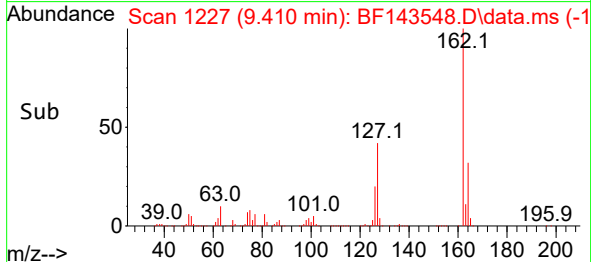
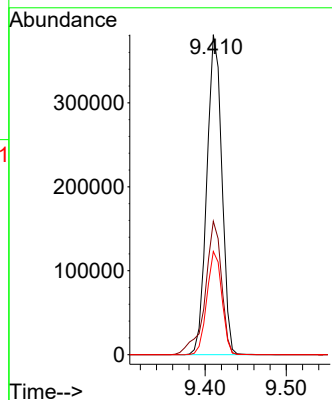
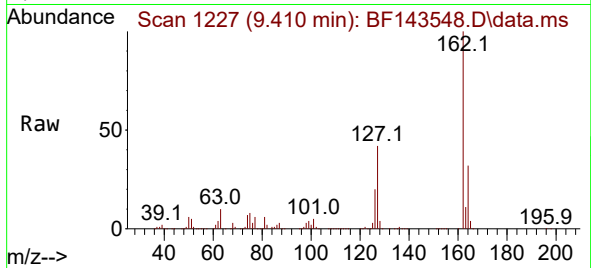




#47
2-Chloronaphthalene
Concen: 43.145 ng
RT: 9.410 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

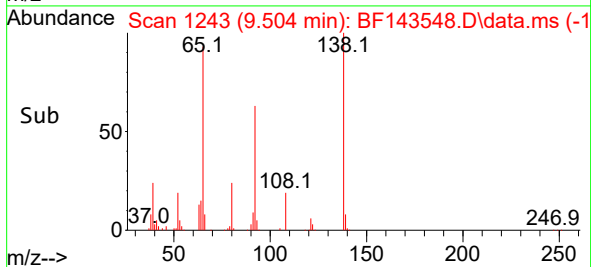
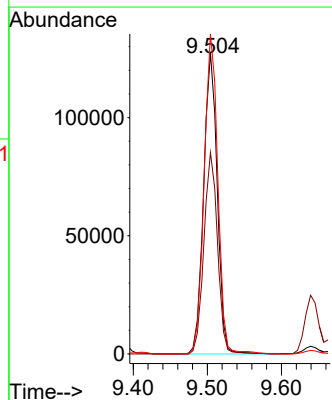
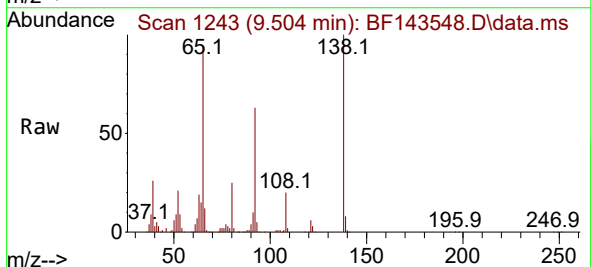
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

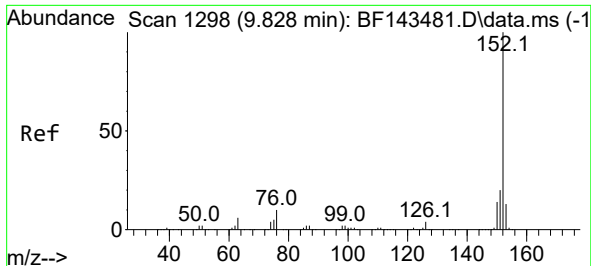
Tgt Ion:162 Resp: 488123
Ion Ratio Lower Upper
162 100
127 41.7 31.8 47.6
164 32.2 26.4 39.6



#48
2-Nitroaniline
Concen: 49.331 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion: 65 Resp: 163338
Ion Ratio Lower Upper
65 100
92 66.9 53.8 80.6
138 106.2 82.4 123.6

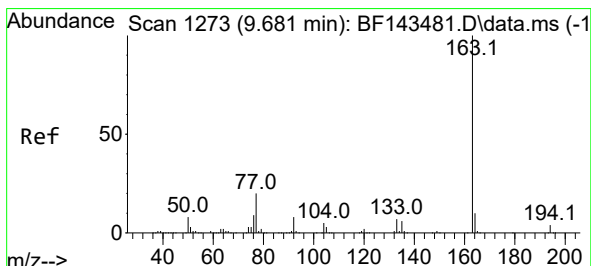
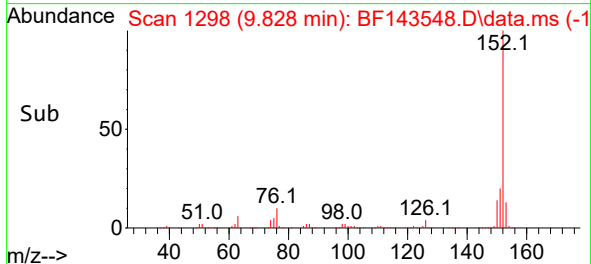
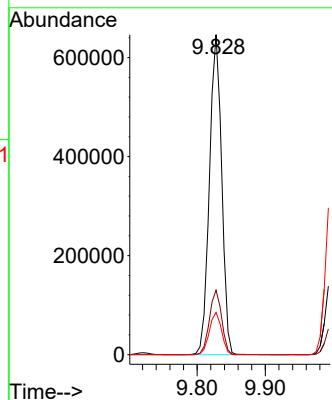
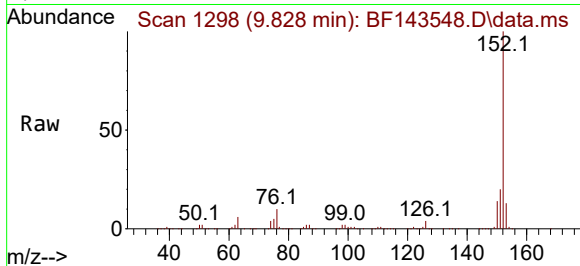




#49
Acenaphthylene
Concen: 49.855 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

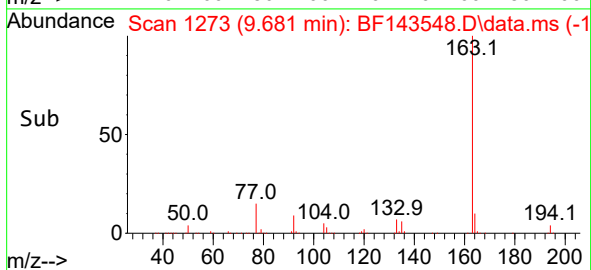
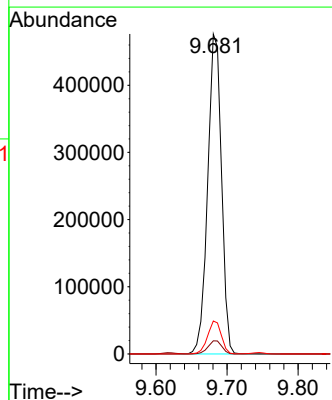
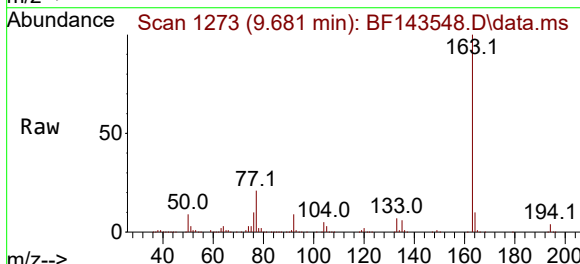
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

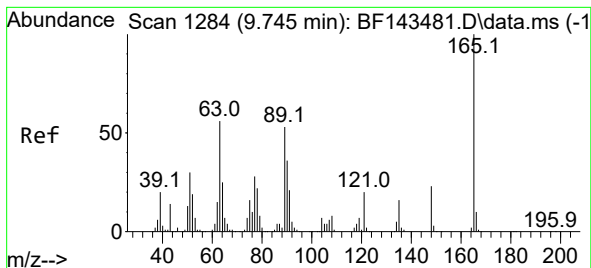
Tgt Ion:152 Resp: 807618
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 52.651 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:163 Resp: 644198
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2

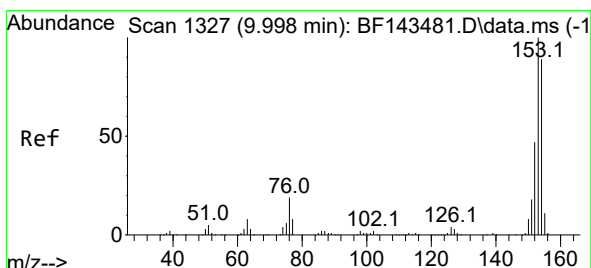
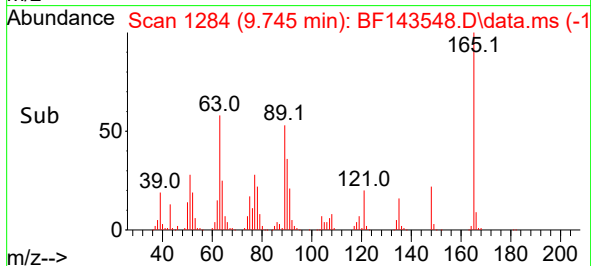
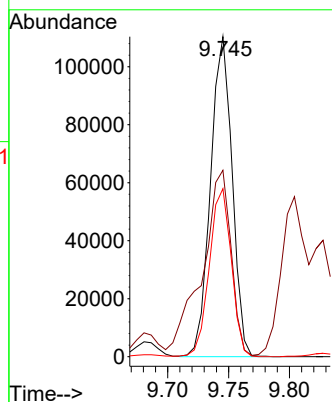
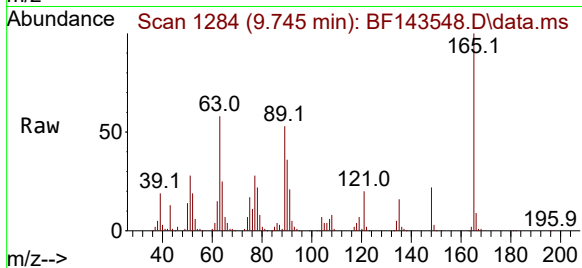




#51
2,6-Dinitrotoluene
Concen: 53.628 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

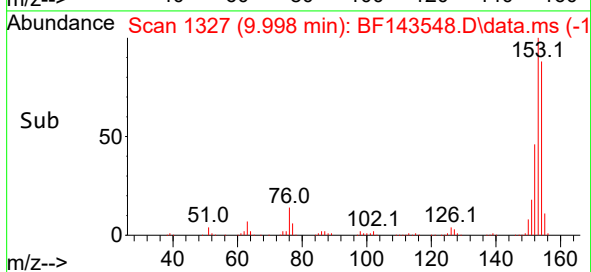
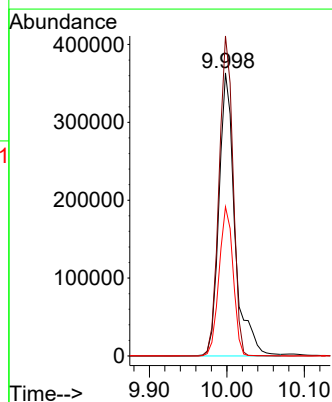
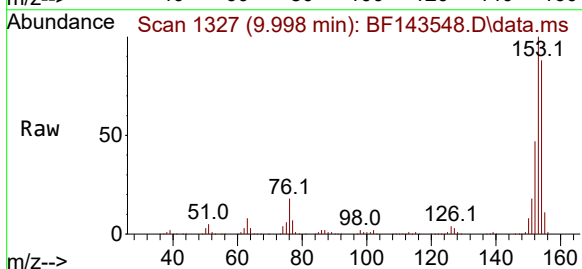
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

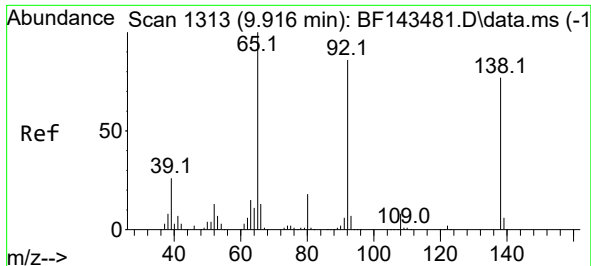
Tgt Ion:165 Resp: 135991
Ion Ratio Lower Upper
165 100
63 58.2 45.0 67.6
89 52.5 42.5 63.7



#52
Acenaphthene
Concen: 47.224 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:154 Resp: 519403
Ion Ratio Lower Upper
154 100
153 113.0 89.5 134.3
152 52.7 42.5 63.7

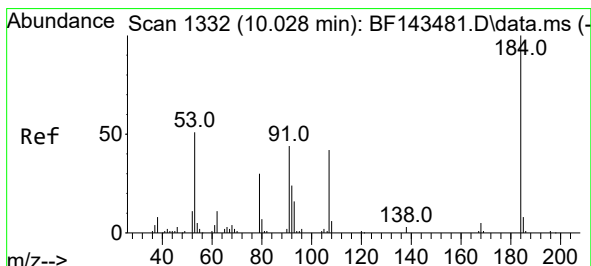
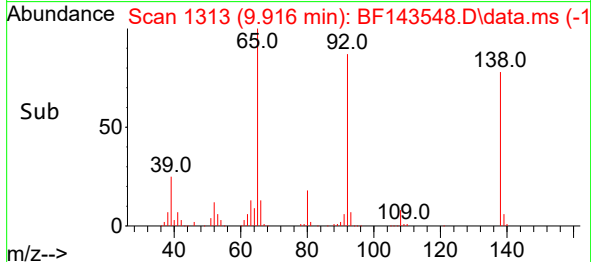
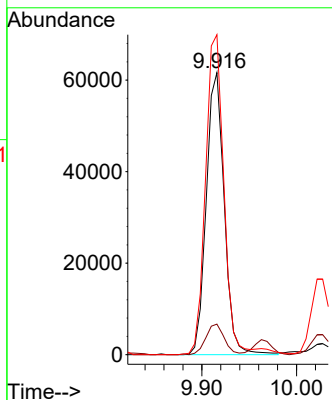
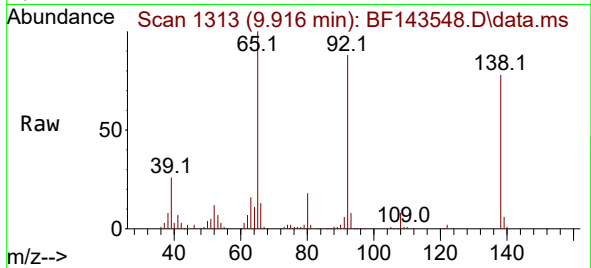




#53
3-Nitroaniline
Concen: 29.661 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

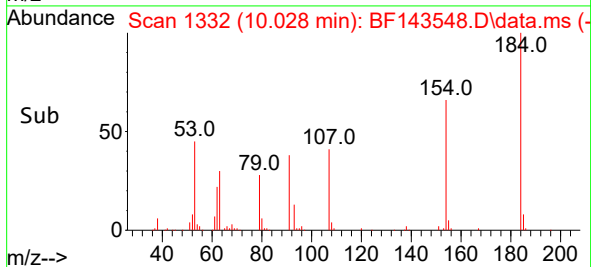
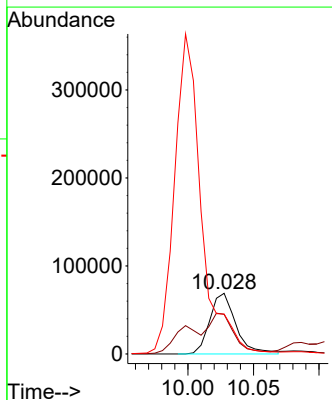
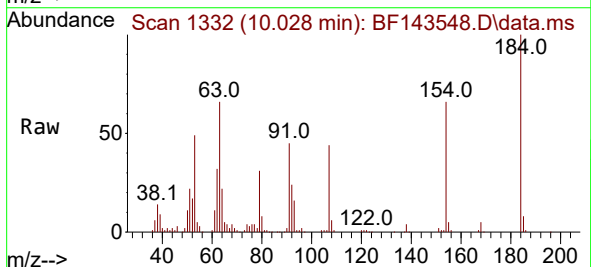
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

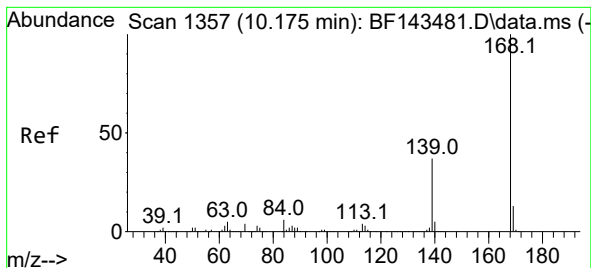
Tgt Ion:138 Resp: 81272
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 113.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 71.207 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:184 Resp: 95719
Ion Ratio Lower Upper
184 100
63 65.5 52.6 78.8
154 65.8 51.0 76.4





#55

Dibenzenofuran

Concen: 45.090 ng

RT: 10.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

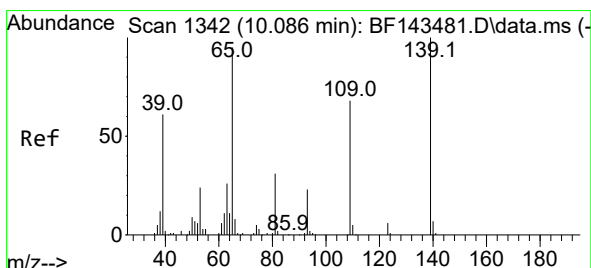
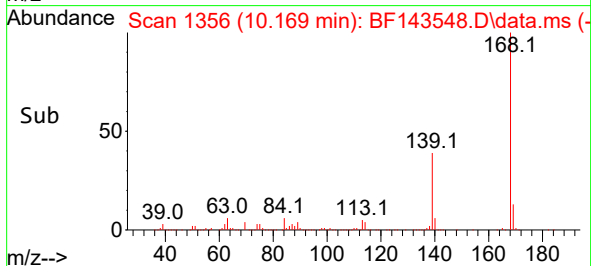
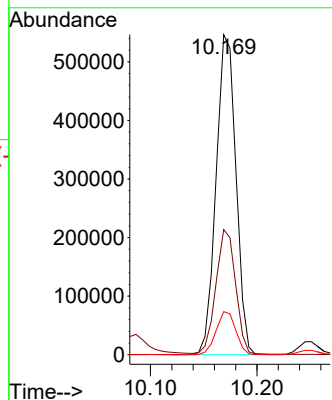
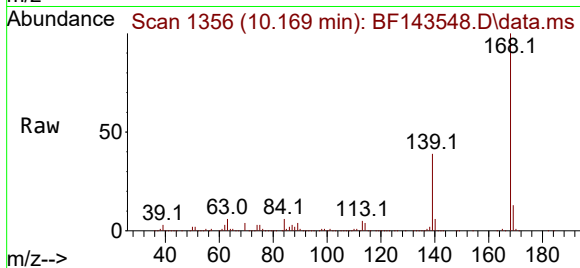
Tgt Ion:168 Resp: 707068

Ion Ratio Lower Upper

168 100

139 39.1 29.8 44.6

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 34.776 ng

RT: 10.086 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

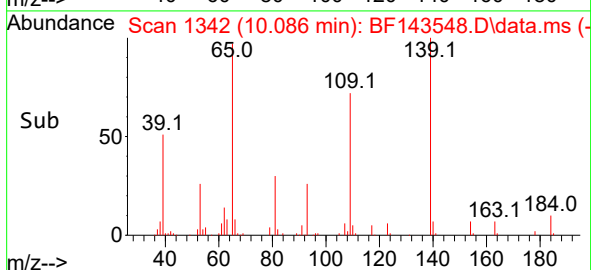
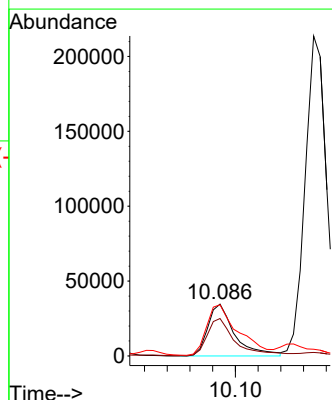
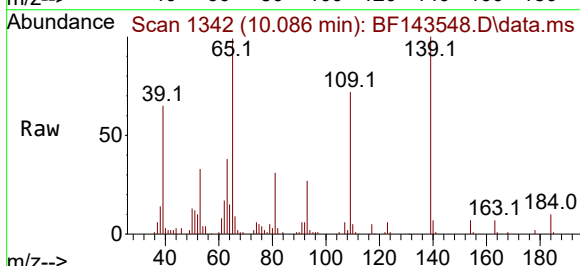
Tgt Ion:139 Resp: 56697

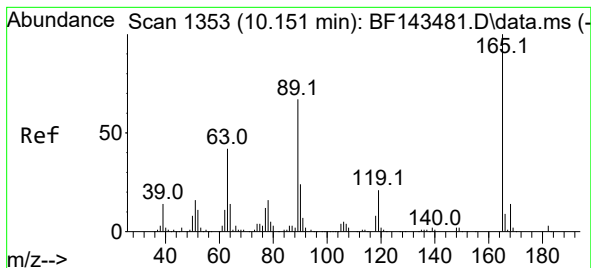
Ion Ratio Lower Upper

139 100

109 72.3 48.2 88.2

65 99.0 75.8 115.8

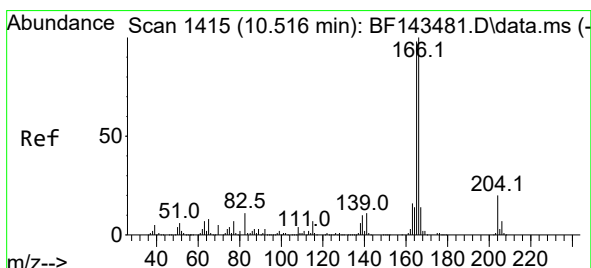
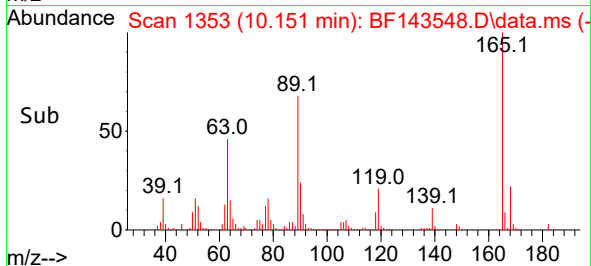
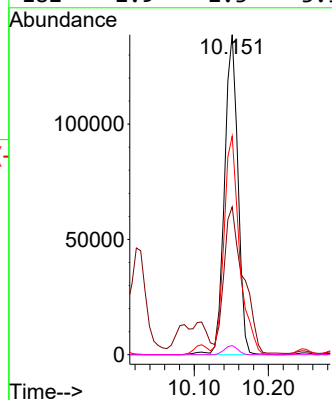
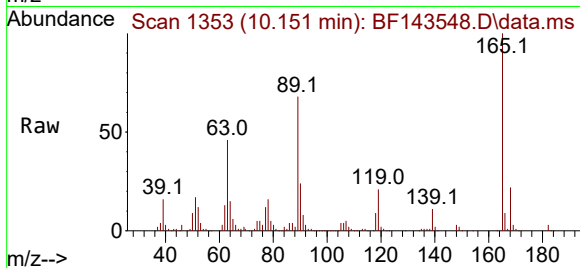




#57
2,4-Dinitrotoluene
Concen: 51.557 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

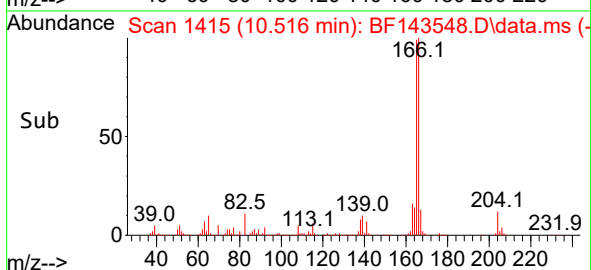
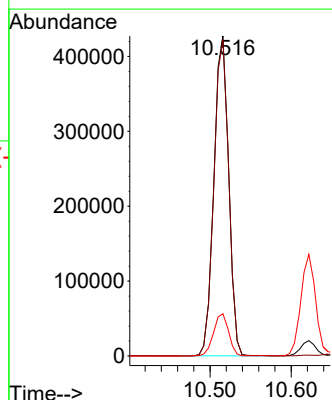
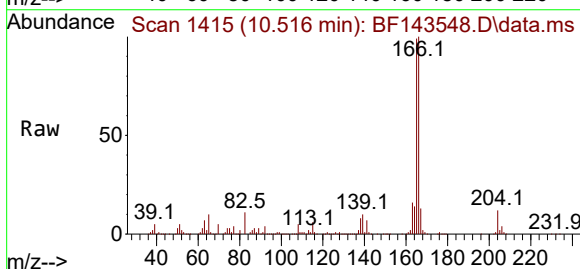
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

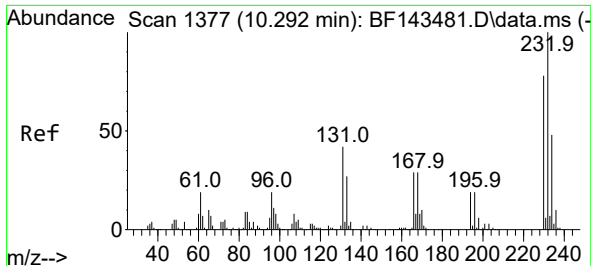
Tgt Ion:165 Resp: 174568
Ion Ratio Lower Upper
165 100
63 46.2 34.9 52.3
89 68.3 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 44.731 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

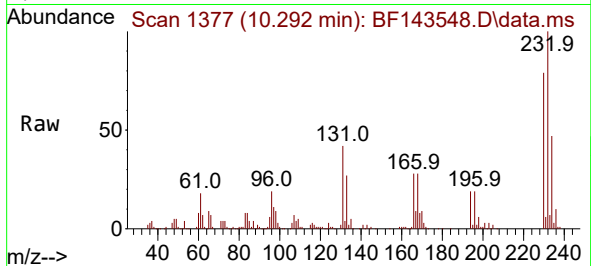
Tgt Ion:166 Resp: 539863
Ion Ratio Lower Upper
166 100
165 98.9 78.3 117.5
167 13.2 11.0 16.4



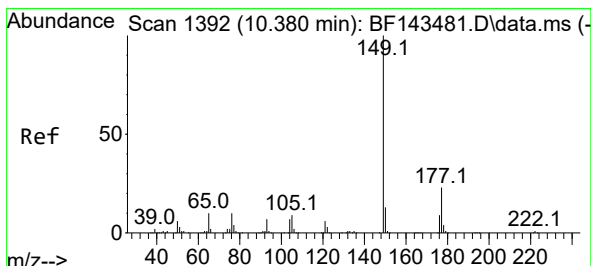
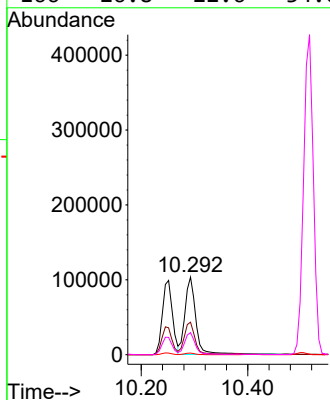
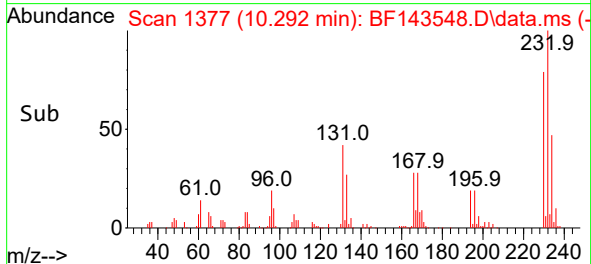


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.059 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

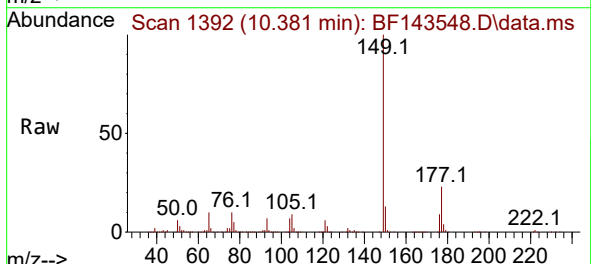
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS



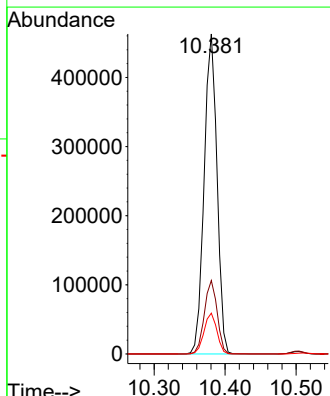
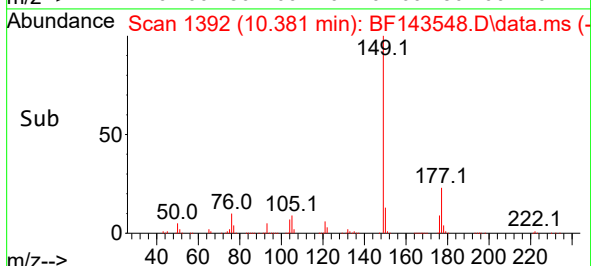
Tgt Ion:232 Resp: 145254
Ion Ratio Lower Upper
232 100
131 41.8 32.7 49.1
130 2.0 1.6 2.4
166 26.8 22.6 34.0

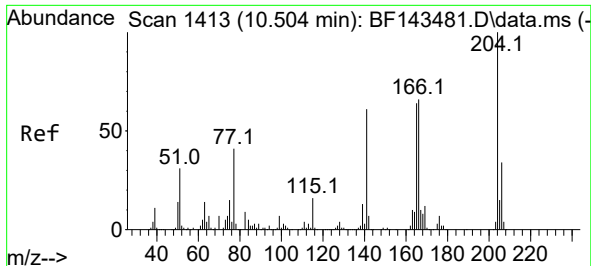


#60
Diethylphthalate
Concen: 53.201 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52



Tgt Ion:149 Resp: 583594
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.3 15.5

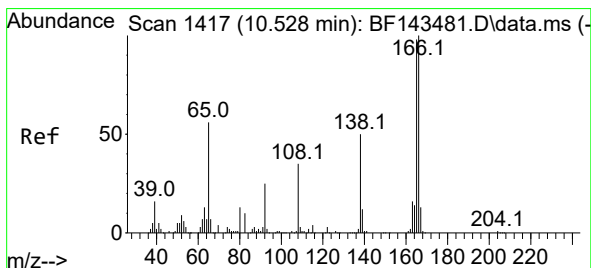
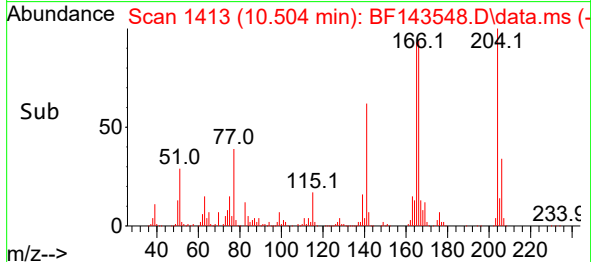
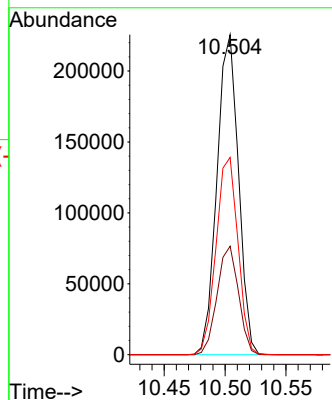
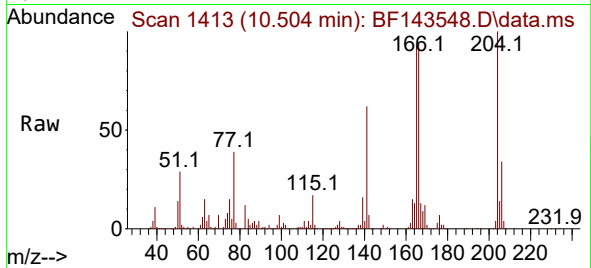




#61
4-Chlorophenyl-phenylether
Concen: 45.978 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

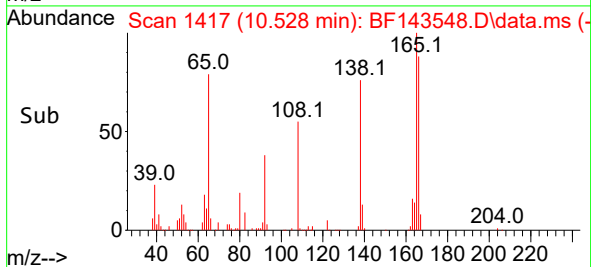
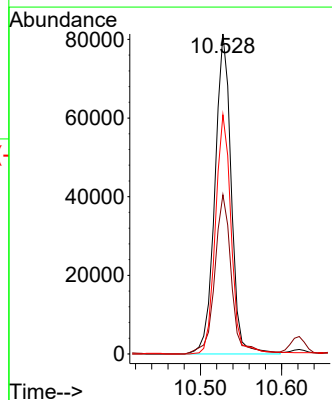
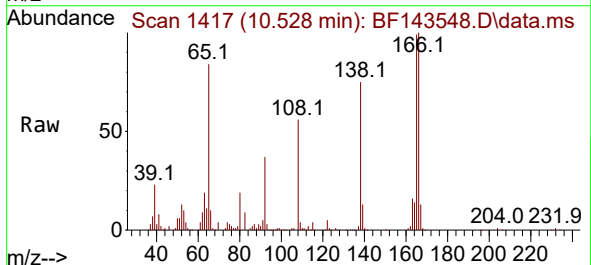
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

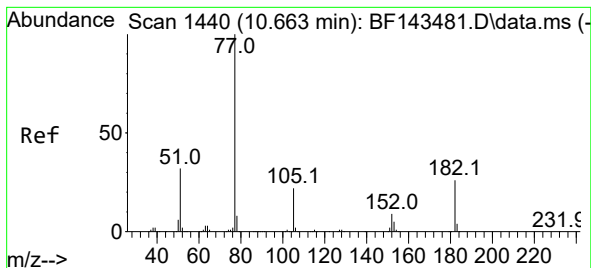
Tgt Ion:204 Resp: 277518
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 61.6 48.7 73.1



#62
4-Nitroaniline
Concen: 45.166 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:138 Resp: 113675
Ion Ratio Lower Upper
138 100
92 49.7 29.3 69.3
108 74.7 50.7 90.7

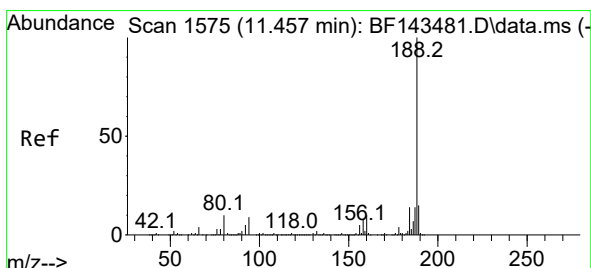
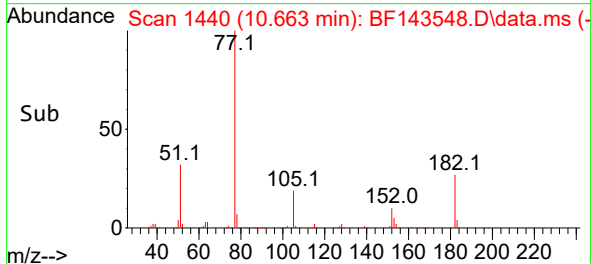
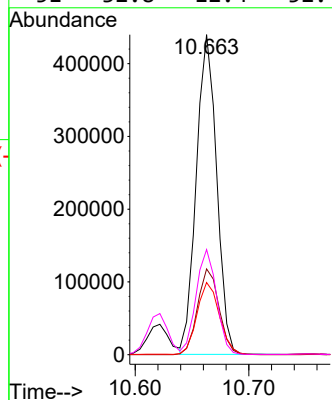
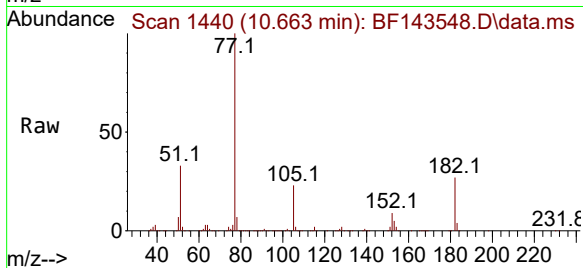




#63
Azobenzene
Concen: 47.976 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

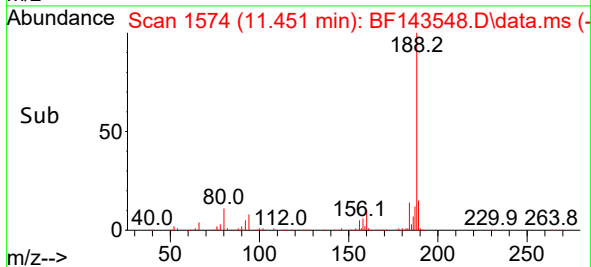
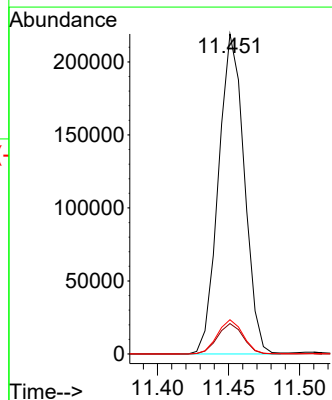
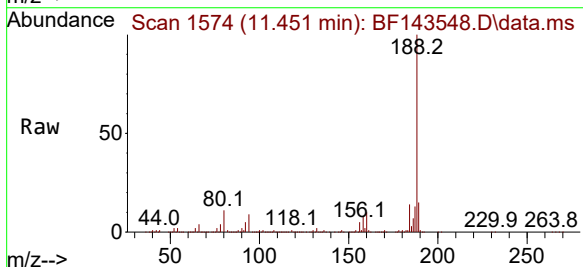
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

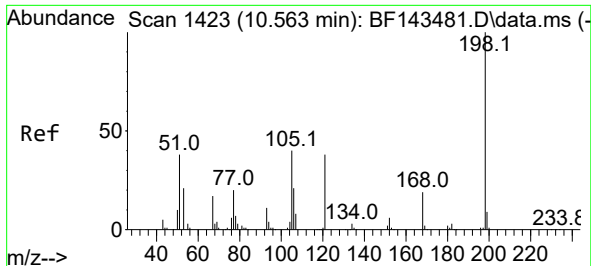
Tgt Ion:	77	Resp:	545692
Ion Ratio	Lower	Upper	
77	100		
182	26.8	6.2	46.2
105	22.6	2.2	42.2
51	32.8	12.4	52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:	188	Resp:	276573
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.4	11.2
80	10.7	8.2	12.4

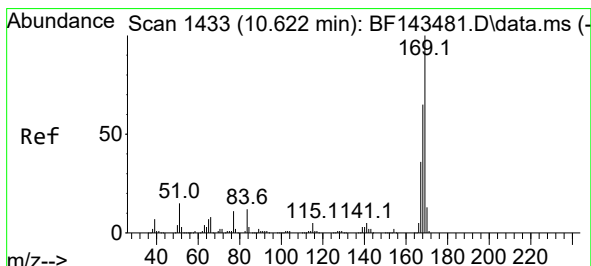
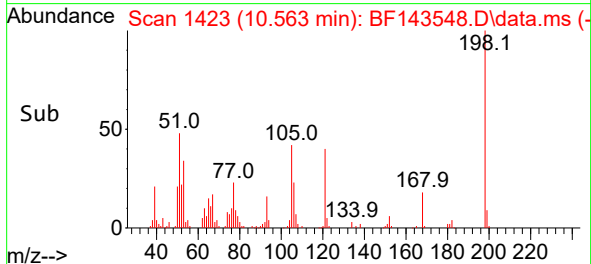
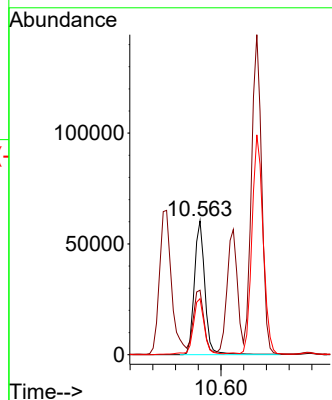
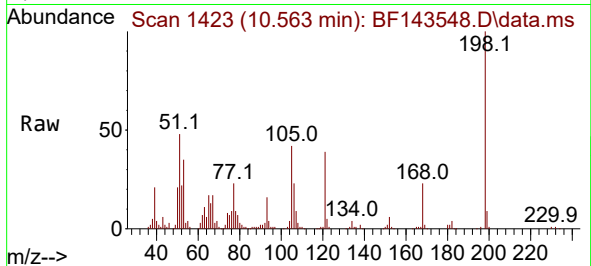




#65
4,6-Dinitro-2-methylphenol
Concen: 50.163 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

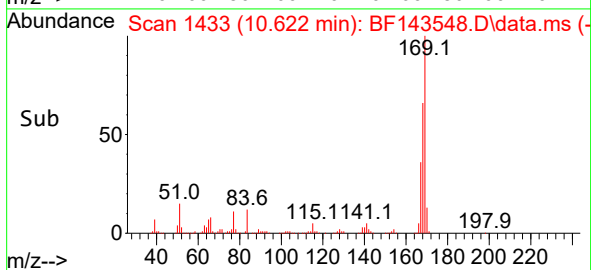
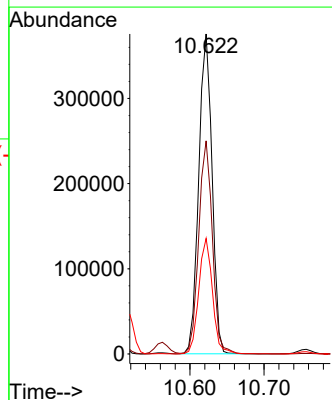
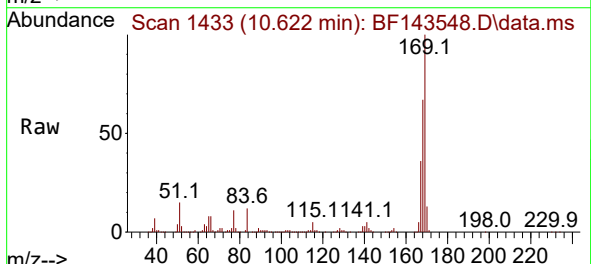
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

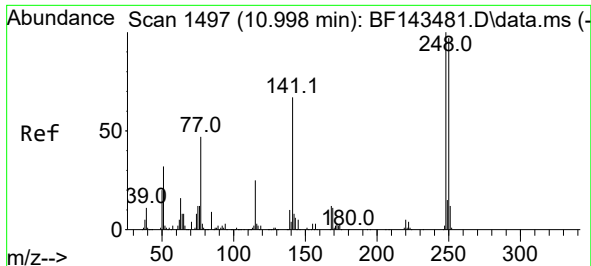
Tgt Ion:198 Resp: 78226
Ion Ratio Lower Upper
198 100
51 48.2 29.6 69.6
105 41.8 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 52.613 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:169 Resp: 468290
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 36.1 28.9 43.3

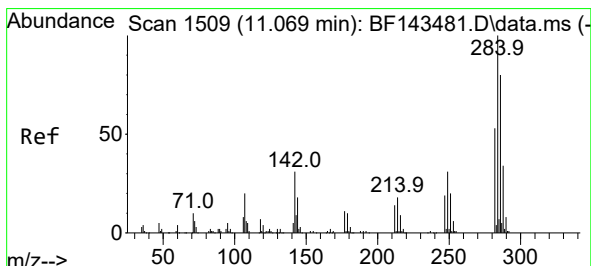
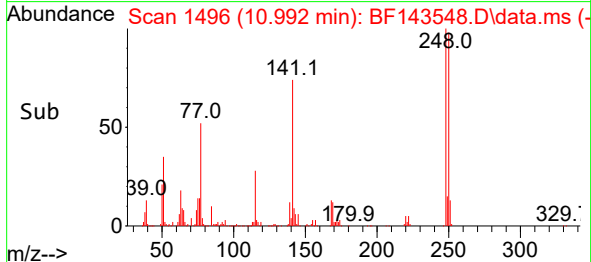
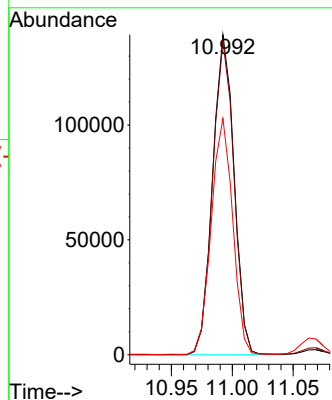
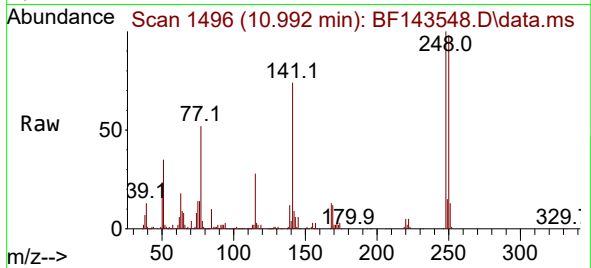




#67
4-Bromophenyl-phenylether
Concen: 51.638 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

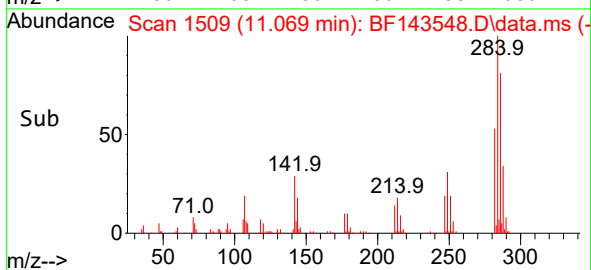
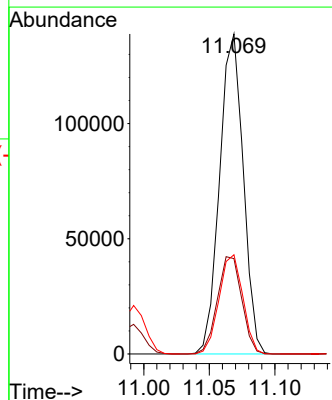
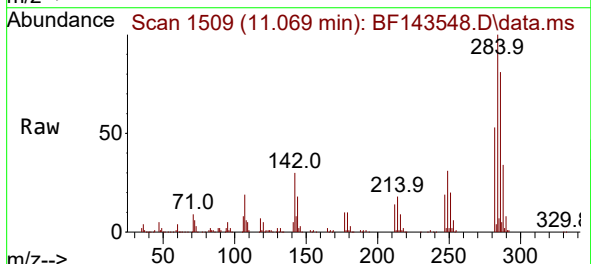
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

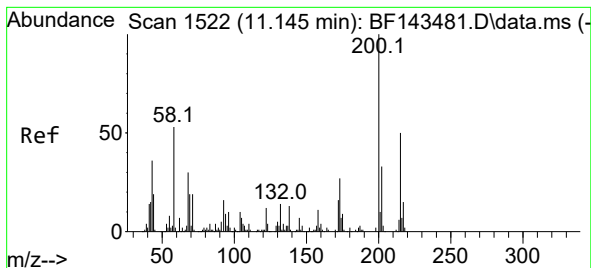
Tgt Ion:248 Resp: 170402
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 73.8 54.0 81.0



#68
Hexachlorobenzene
Concen: 48.936 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:284 Resp: 174071
Ion Ratio Lower Upper
284 100
142 29.8 24.4 36.6
249 31.0 25.0 37.6





#69

Atrazine

Concen: 60.890 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

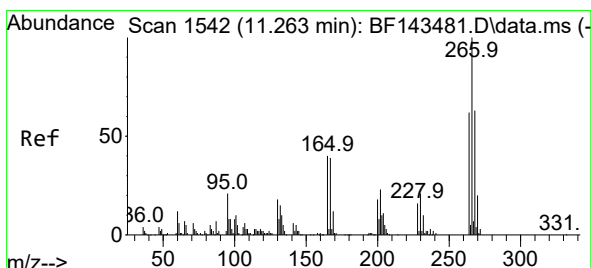
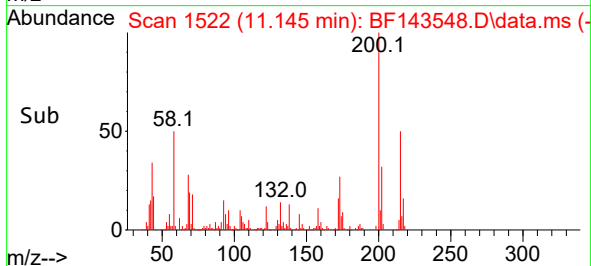
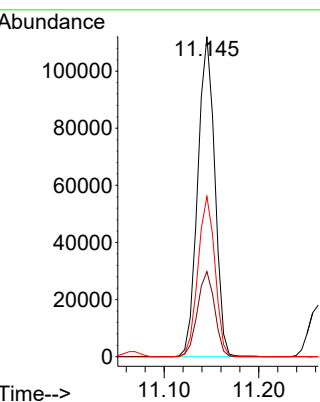
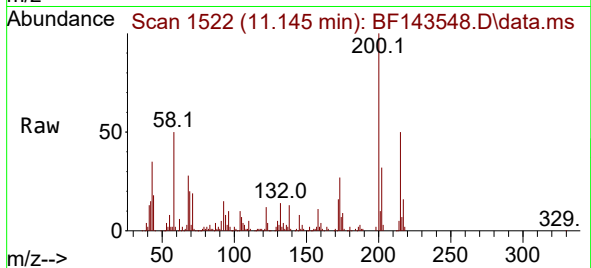
Tgt Ion:200 Resp: 139899

Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

215 50.1 30.0 70.0



#70

Pentachlorophenol

Concen: 97.959 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

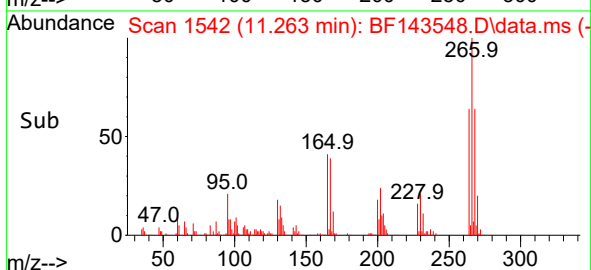
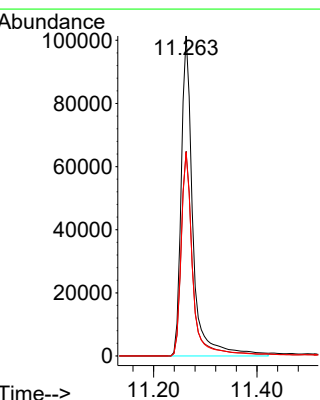
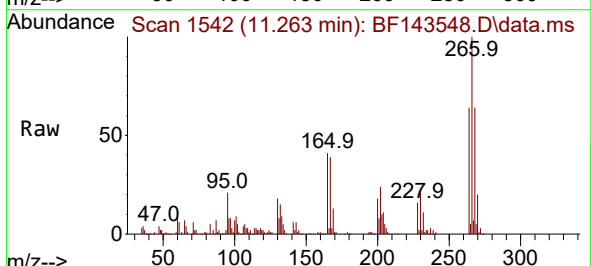
Tgt Ion:266 Resp: 159584

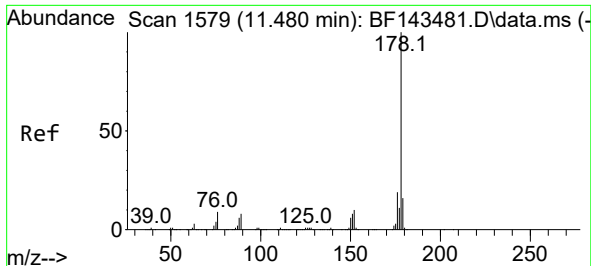
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.6 49.8 74.8

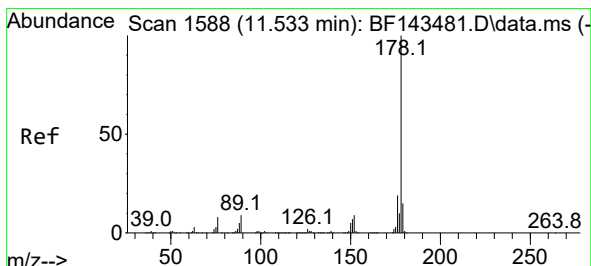
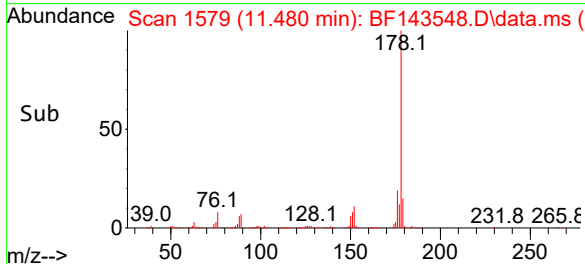
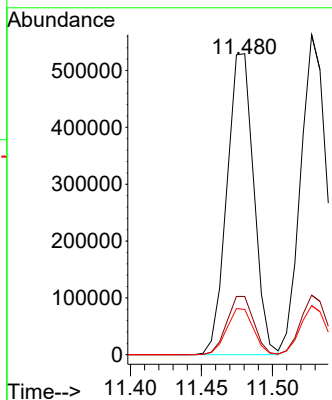
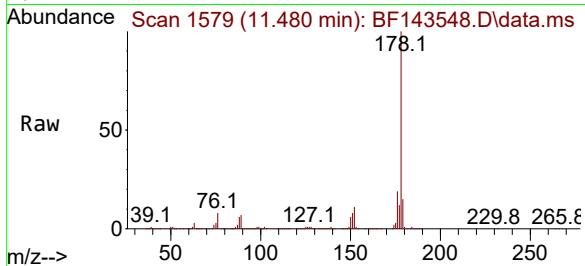




#71
Phenanthrene
Concen: 47.023 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

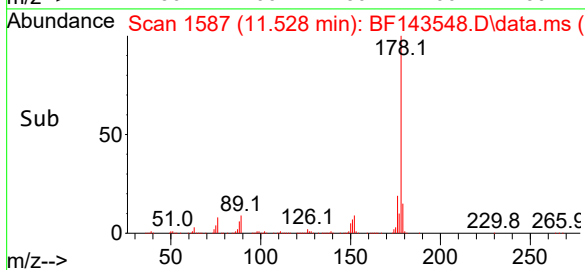
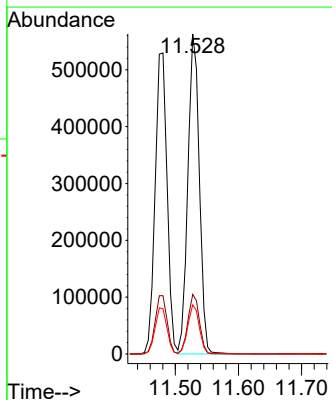
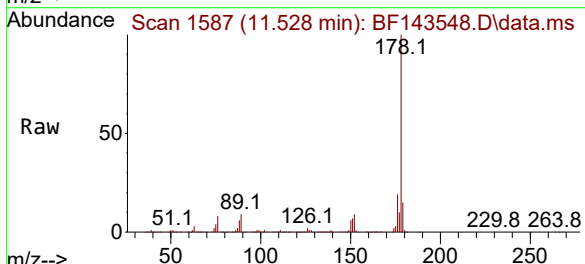
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

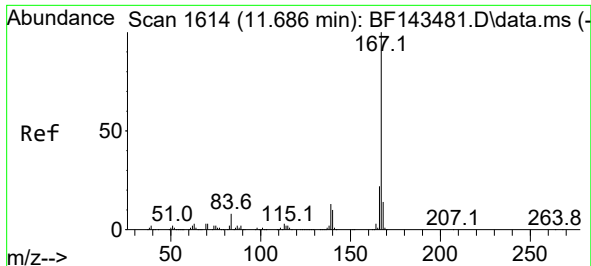
Tgt Ion:178 Resp: 696448
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.0 12.5 18.7



#72
Anthracene
Concen: 47.550 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

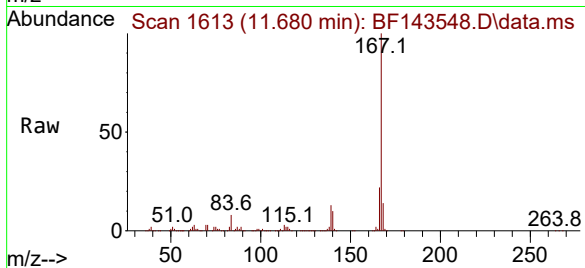
Tgt Ion:178 Resp: 713441
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.3 12.3 18.5



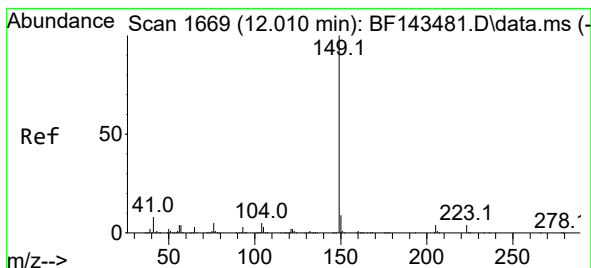
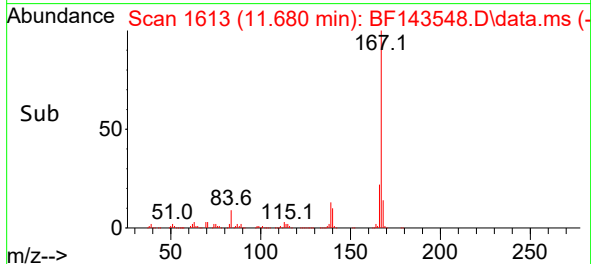
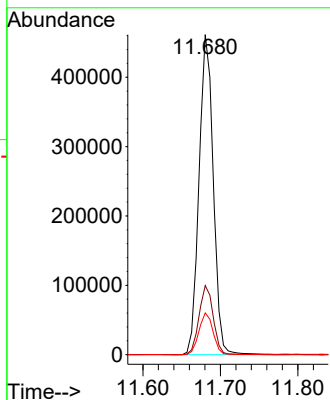


#73
Carbazole
Concen: 47.918 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

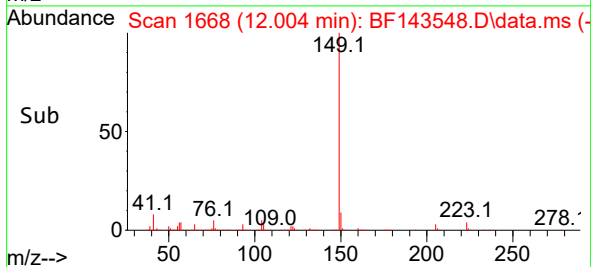
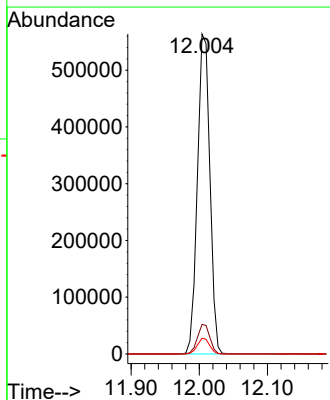
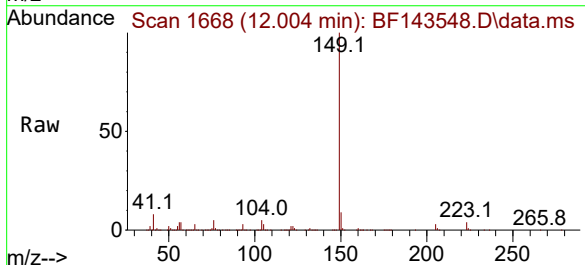


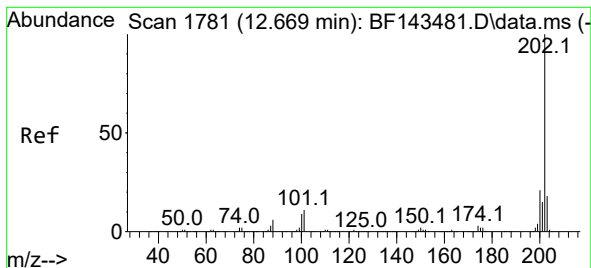
Tgt Ion:167 Resp: 589119
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.1 10.0 15.0



#74
Di-n-butylphthalate
Concen: 62.520 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:149 Resp: 717051
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 47.275 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

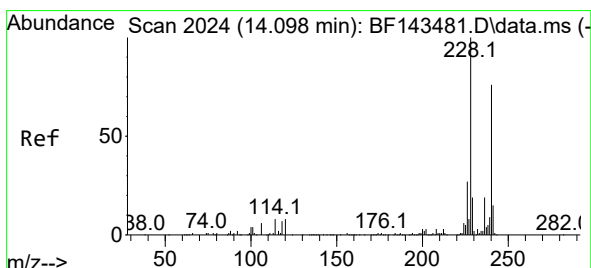
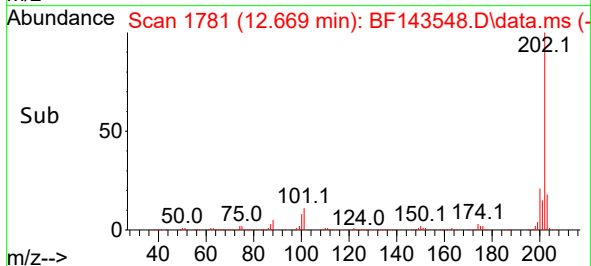
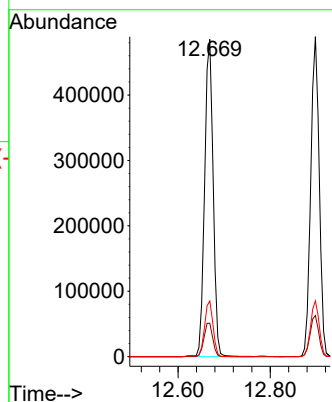
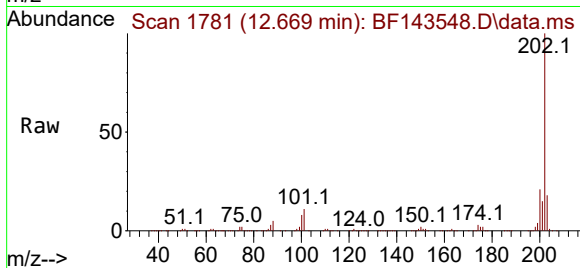
Tgt Ion:202 Resp: 628280

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.3

203 17.6 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

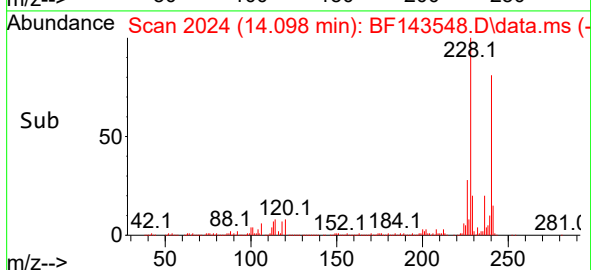
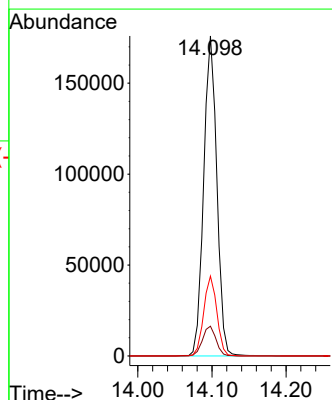
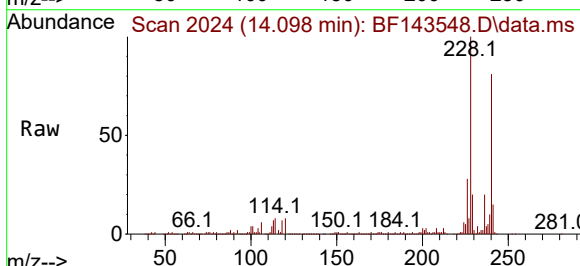
Tgt Ion:240 Resp: 217411

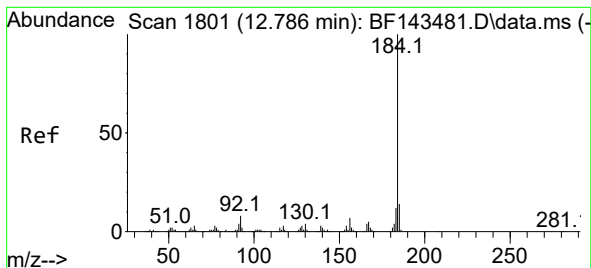
Ion Ratio Lower Upper

240 100

120 9.3 8.6 12.8

236 24.9 20.4 30.6





#77

Benzidine

Concen: 37.580 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

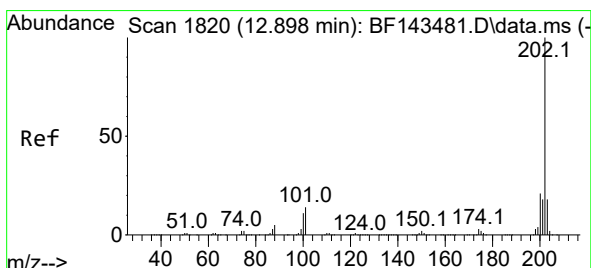
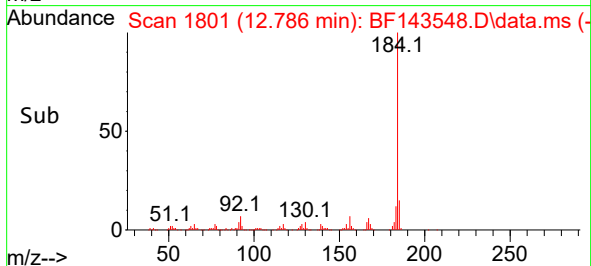
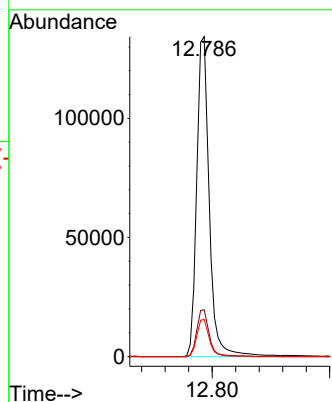
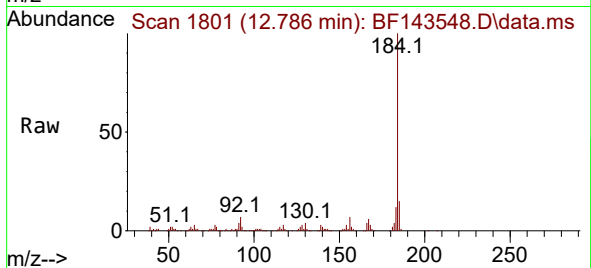
Tgt Ion:184 Resp: 199014

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 34.944 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

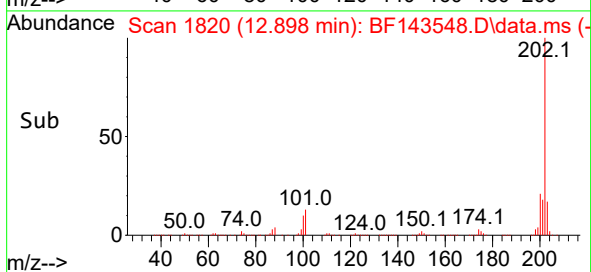
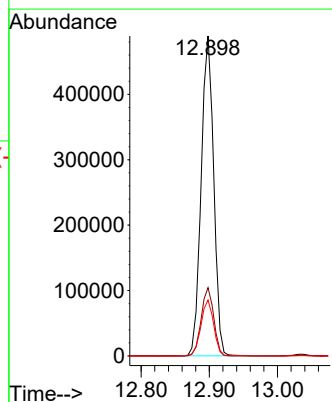
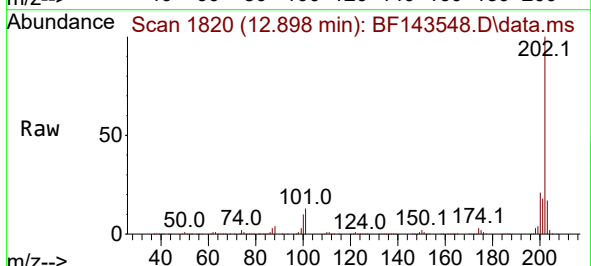
Tgt Ion:202 Resp: 624920

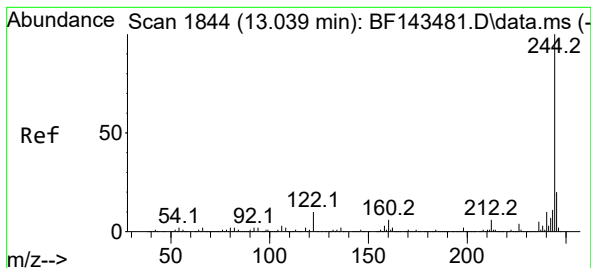
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 73.830 ng

RT: 13.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

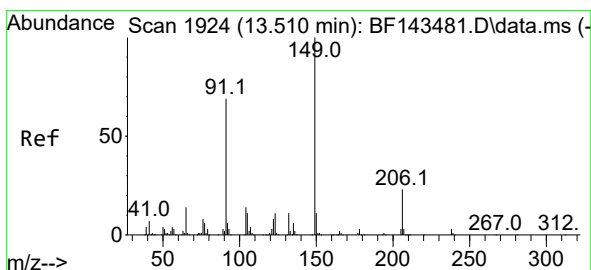
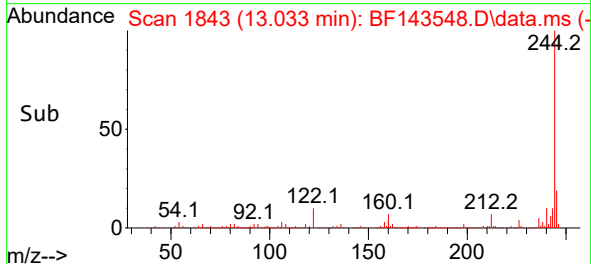
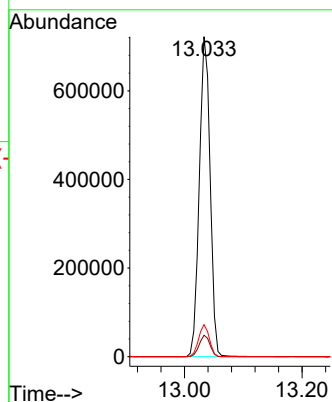
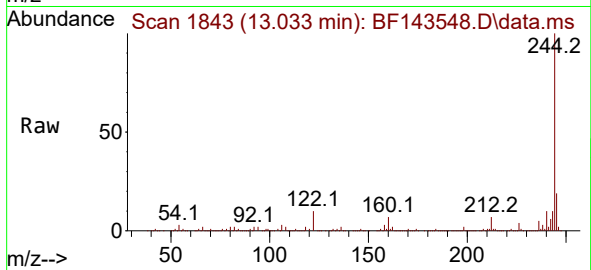
Tgt Ion:244 Resp: 919830

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

122 10.0 7.9 11.9



#80

Butylbenzylphthalate

Concen: 53.089 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

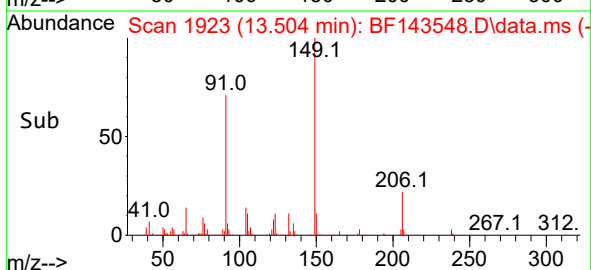
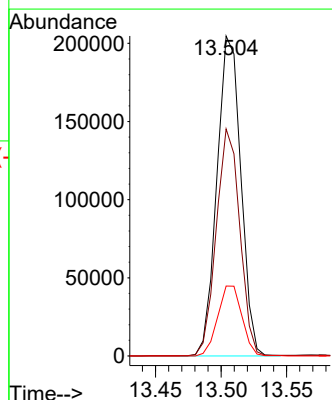
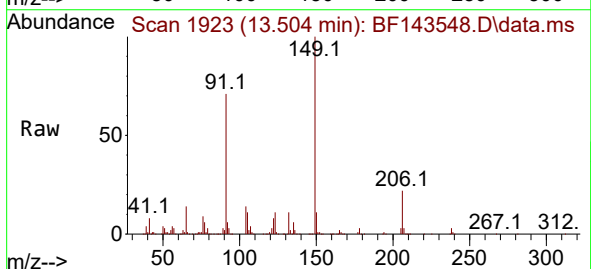
Tgt Ion:149 Resp: 259369

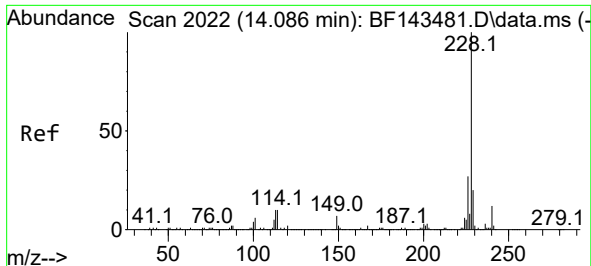
Ion Ratio Lower Upper

149 100

91 71.0 55.3 82.9

206 21.9 18.2 27.4

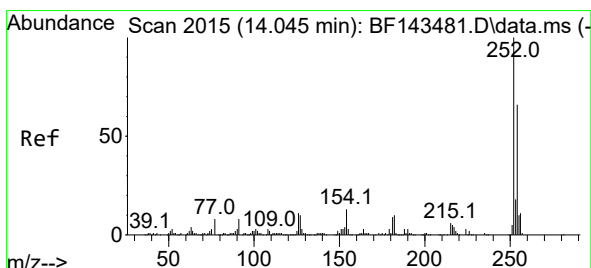
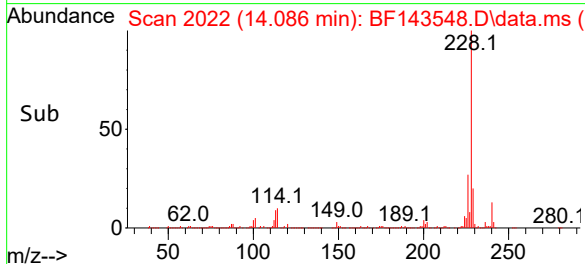
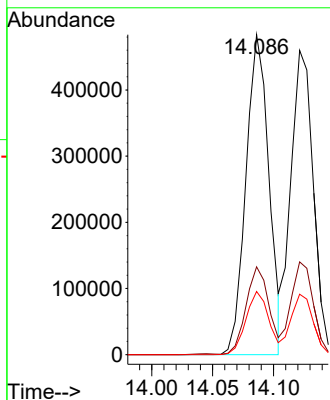
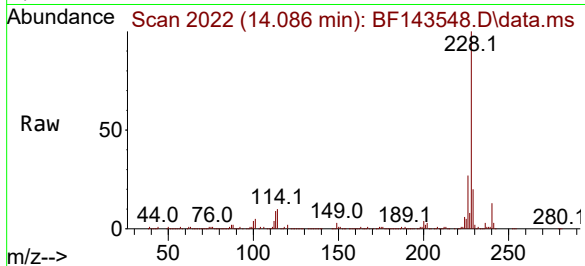




#81
Benzo(a)anthracene
Concen: 45.379 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

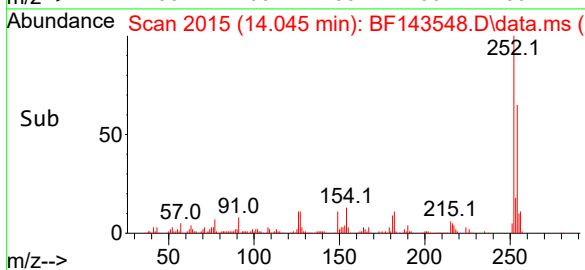
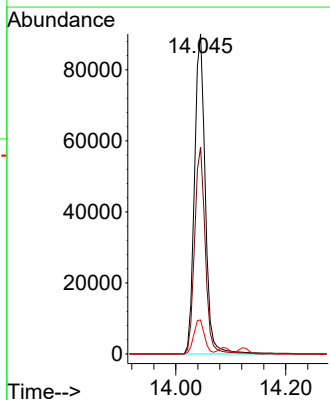
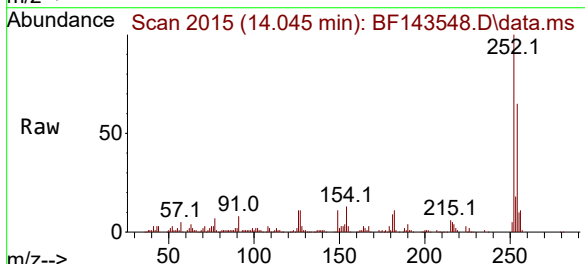
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MS

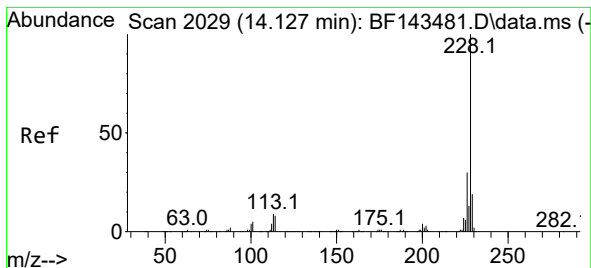
Tgt Ion:228 Resp: 635175
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 30.603 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143548.D
Acq: 22 Aug 2025 00:52

Tgt Ion:252 Resp: 122671
Ion Ratio Lower Upper
252 100
254 64.7 52.6 79.0
126 10.6 8.7 13.1





#83

Chrysene

Concen: 47.205 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

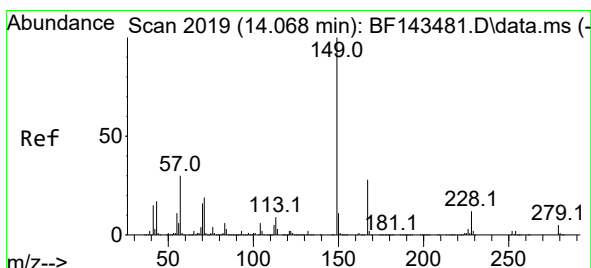
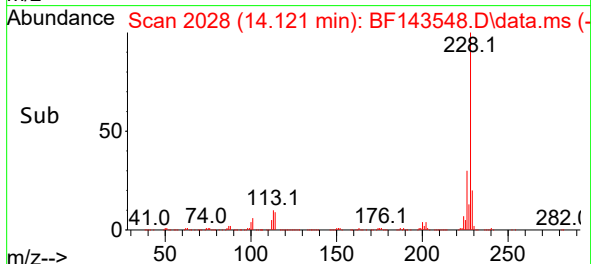
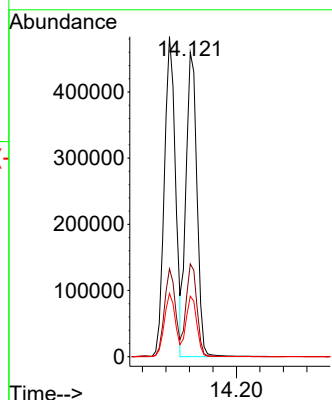
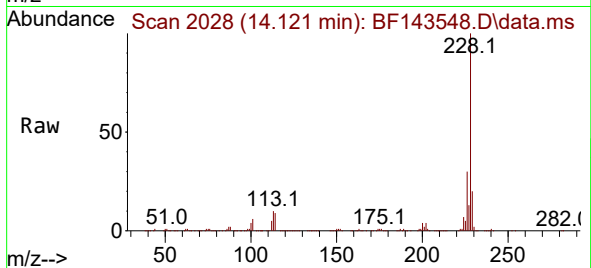
Tgt Ion:228 Resp: 593786

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.313 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

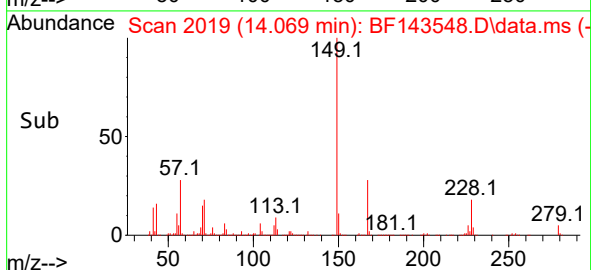
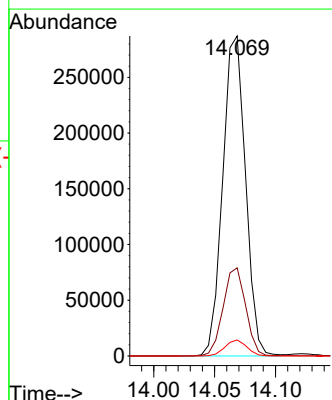
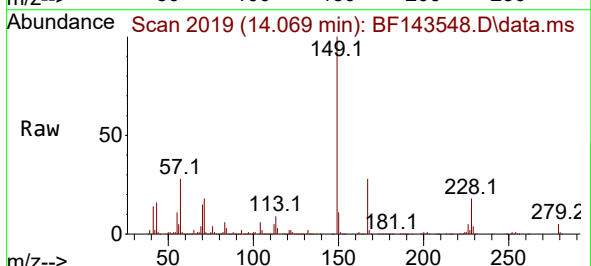
Tgt Ion:149 Resp: 374379

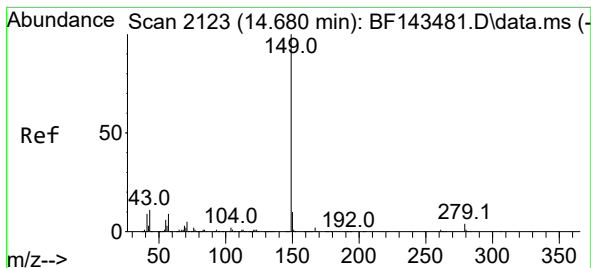
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.985 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

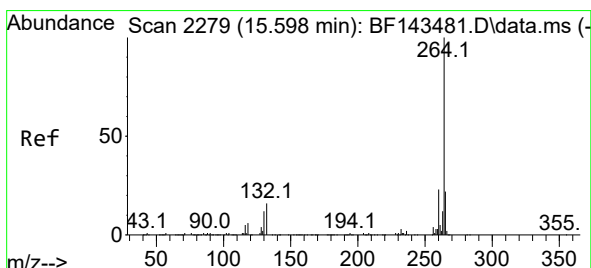
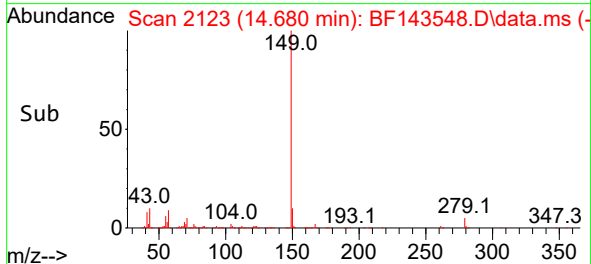
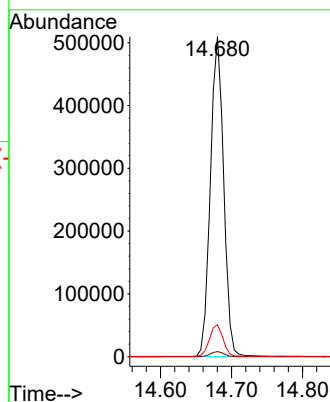
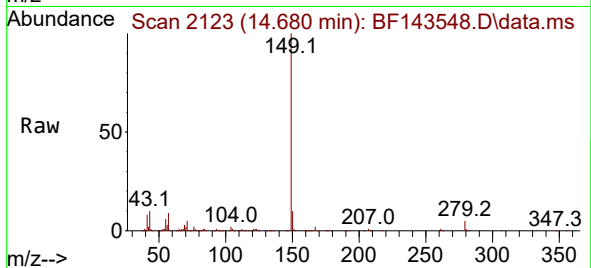
Tgt Ion:149 Resp: 661457

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.0 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

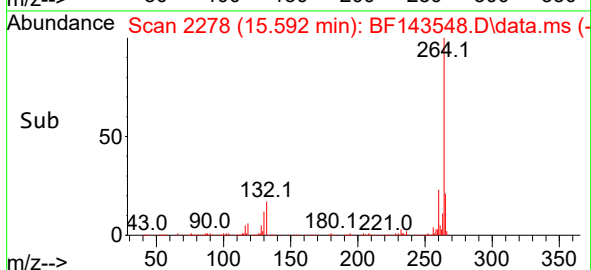
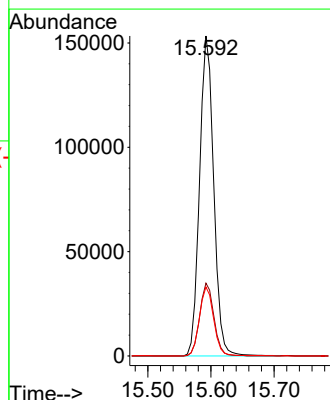
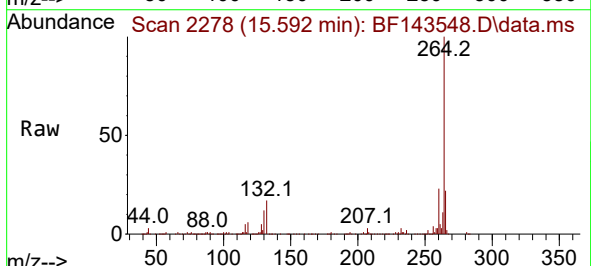
Tgt Ion:264 Resp: 238216

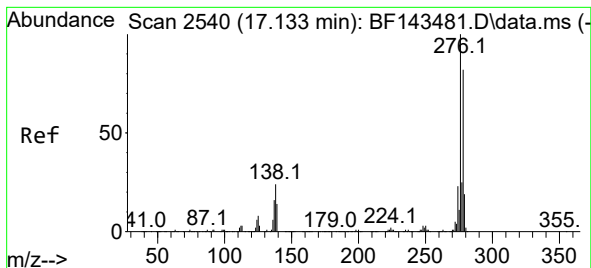
Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.918 ng

RT: 17.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

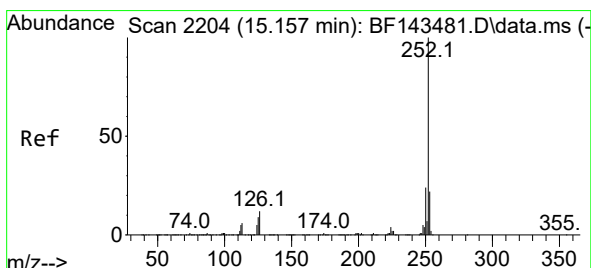
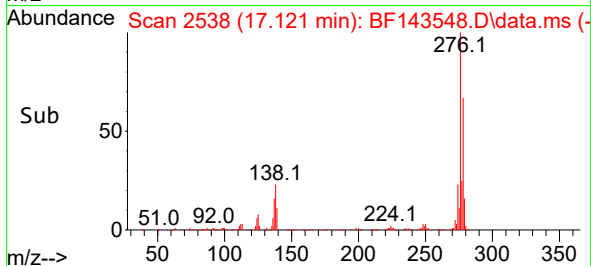
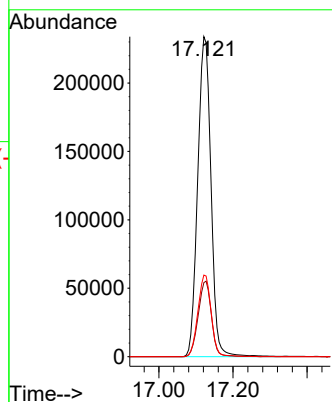
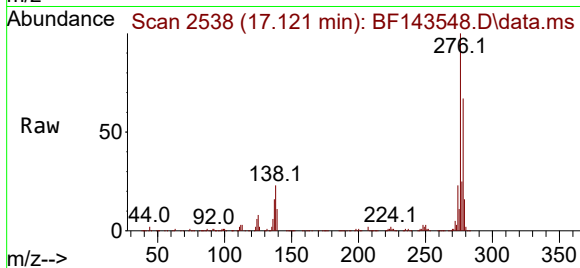
Tgt Ion:276 Resp: 580620

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 52.278 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

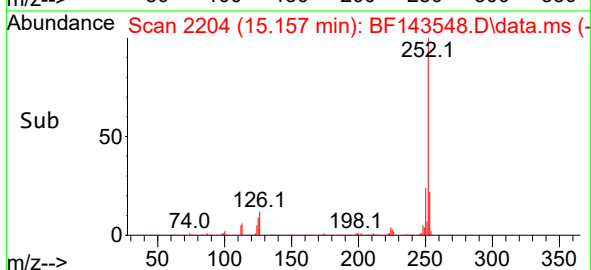
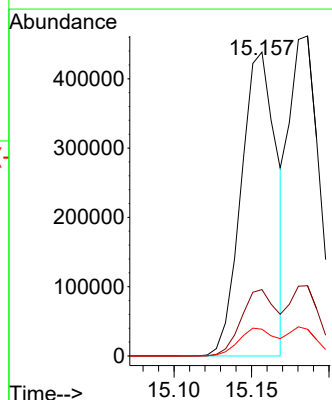
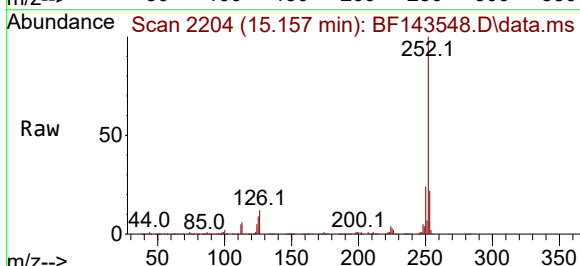
Tgt Ion:252 Resp: 692246

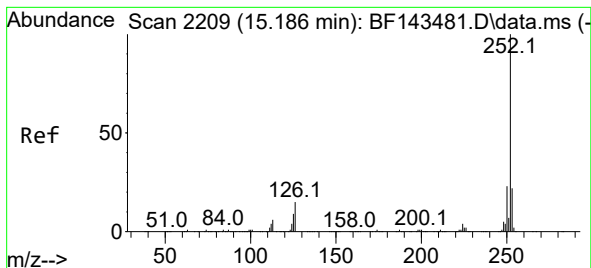
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.502 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

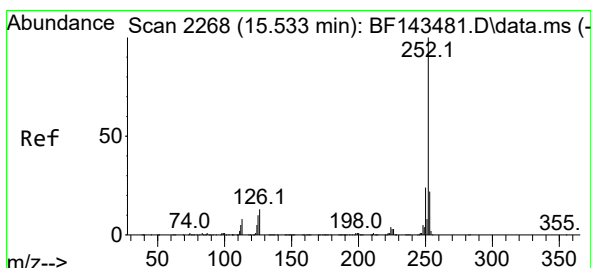
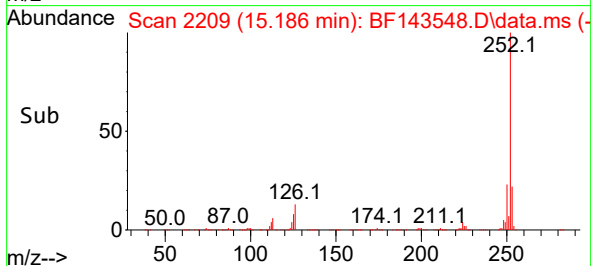
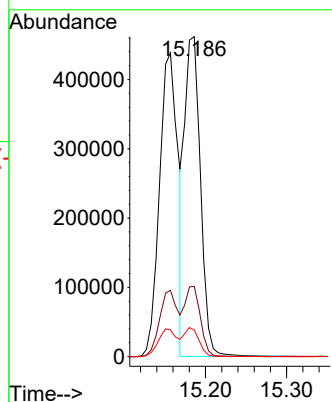
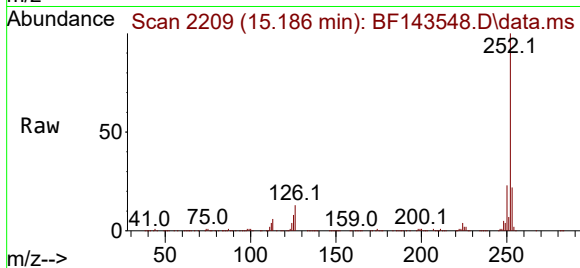
Tgt Ion:252 Resp: 627592

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 8.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 50.919 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

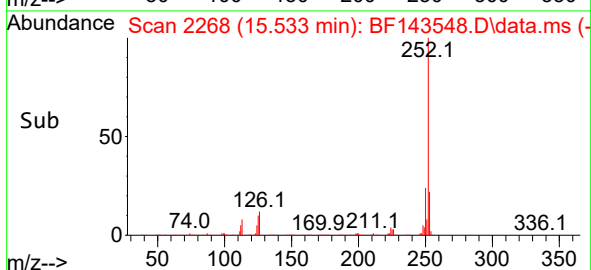
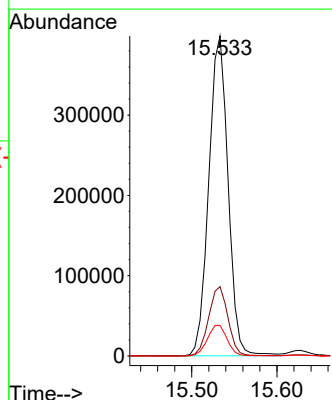
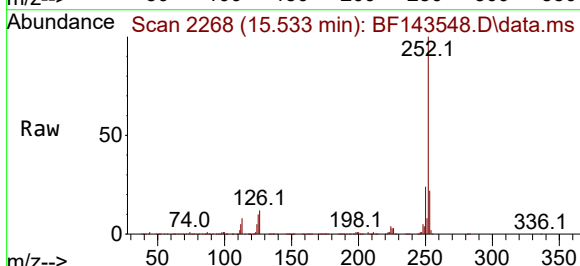
Tgt Ion:252 Resp: 625853

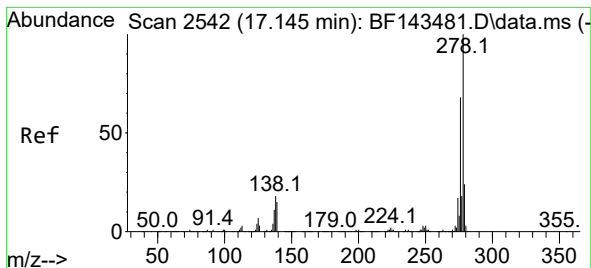
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.5 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 35.043 ng

RT: 17.133 min Scan# 2

Delta R.T. -0.023 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MS

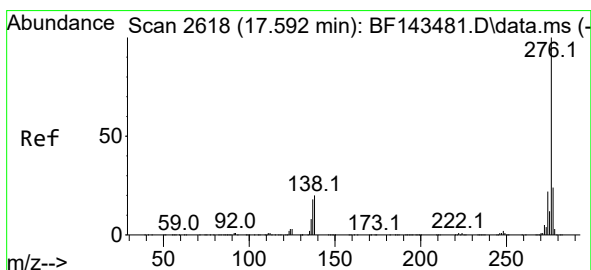
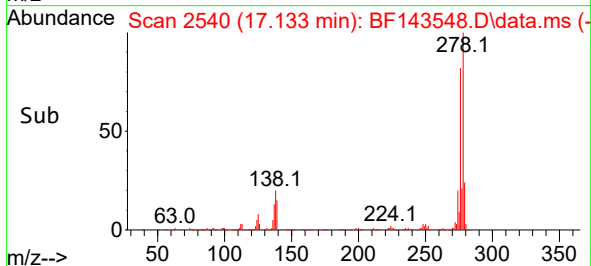
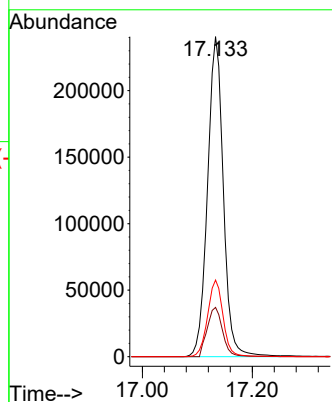
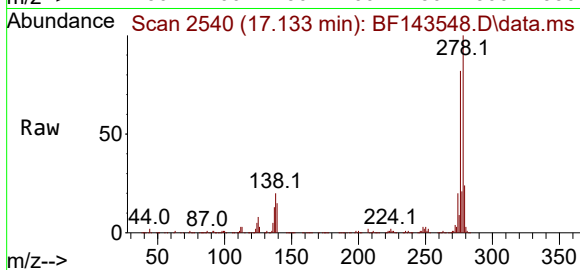
Tgt Ion:278 Resp: 480428

Ion Ratio Lower Upper

278 100

139 15.4 12.1 18.1

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 31.366 ng

RT: 17.586 min Scan# 2617

Delta R.T. -0.018 min

Lab File: BF143548.D

Acq: 22 Aug 2025 00:52

Tgt Ion:276 Resp: 427593

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 20.0 16.3 24.5

