

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143493.D
 Acq On : 20 Aug 2025 19:10
 Operator : RC/JU
 Sample : Q2892-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

Quant Time: Aug 21 02:05:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135090	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501059	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	277031	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	417503	20.000	ng	0.00
76) Chrysene-d12	14.098	240	232839	20.000	ng	0.00
86) Perylene-d12	15.592	264	271037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	599389	77.476	ng	0.00
7) Phenol-d6	6.563	99	739857	77.471	ng	-0.01
23) Nitrobenzene-d5	7.486	82	491481	57.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	207920	80.628	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	927758	55.347	ng	0.00
79) Terphenyl-d14	13.033	244	799572	59.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	147258	41.089	ng	99
3) Pyridine	3.598	79	395182	41.400	ng	99
4) n-Nitrosodimethylamine	3.545	42	204783	47.723	ng	99
6) Aniline	6.592	93	425800	33.356	ng	100
8) 2-Chlorophenol	6.716	128	379095	44.365	ng	99
9) Benzaldehyde	6.475	77	204496	26.448	ng	98
10) Phenol	6.581	94	485315	44.112	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	364075	44.283	ng	99
12) 1,3-Dichlorobenzene	6.869	146	431237	44.916	ng	100
13) 1,4-Dichlorobenzene	6.945	146	436688	45.343	ng	100
14) 1,2-Dichlorobenzene	7.098	146	420010	46.062	ng	100
15) Benzyl Alcohol	7.069	79	335961	46.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	594795	45.221	ng	97
17) 2-Methylphenol	7.186	107	313148	45.661	ng	99
18) Hexachloroethane	7.439	117	149852	45.764	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	266051	45.578	ng	99
20) 3+4-Methylphenols	7.333	107	370313	45.232	ng	98
22) Acetophenone	7.333	105	506682	46.807	ng	99
24) Nitrobenzene	7.504	77	412961	46.729	ng	99
25) Isophorone	7.745	82	747611	47.498	ng	99
26) 2-Nitrophenol	7.822	139	207954	48.038	ng	95
27) 2,4-Dimethylphenol	7.863	122	338055	50.096	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	451187	46.644	ng	100
29) 2,4-Dichlorophenol	8.069	162	324725	45.056	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347200	46.856	ng	100
31) Naphthalene	8.233	128	1061192	44.114	ng	100
32) Benzoic acid	7.992	122	166939	44.068	ng	98
33) 4-Chloroaniline	8.275	127	143196	16.772	ng	98
34) Hexachlorobutadiene	8.351	225	215269	44.529	ng	99
35) Caprolactam	8.645	113	58412	33.776	ng	92
36) 4-Chloro-3-methylphenol	8.769	107	326067	45.146	ng	99
37) 2-Methylnaphthalene	8.922	142	653958	40.703	ng	100
38) 1-Methylnaphthalene	9.022	142	669055	43.534	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	339677	42.866	ng	99
41) Hexachlorocyclopentadiene	9.080	237	364123	115.180	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	221658	45.460	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143493.D
 Acq On : 20 Aug 2025 19:10
 Operator : RC/JU
 Sample : Q2892-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

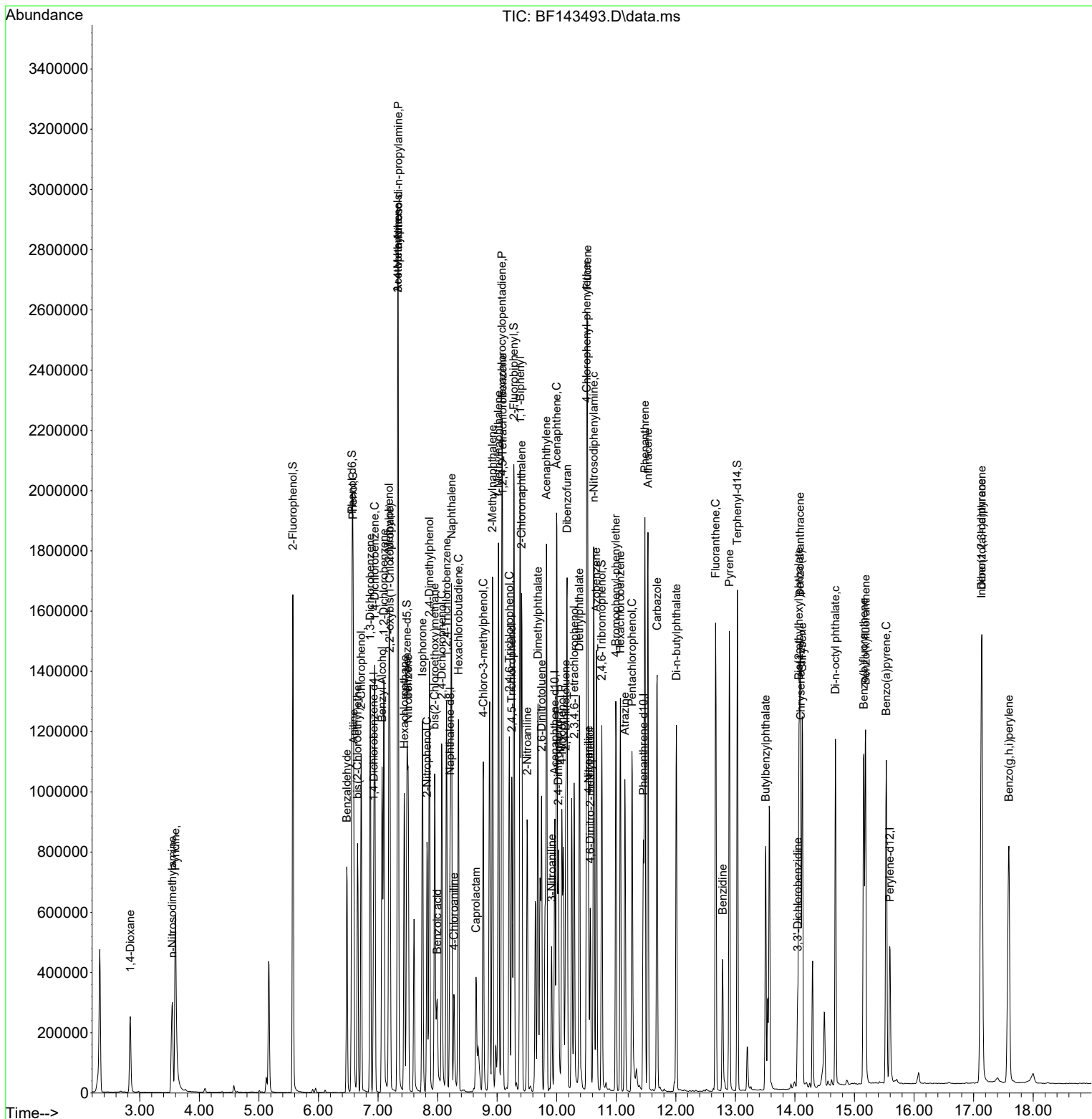
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

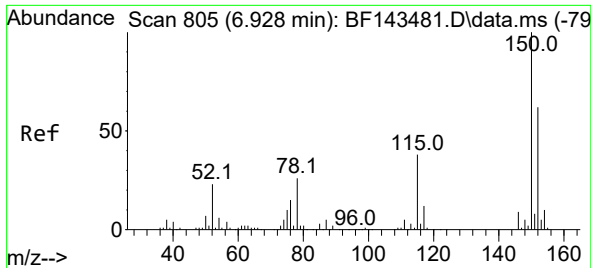
Quant Time: Aug 21 02:05:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	230088	43.200	ng	99
46) 1,1'-Biphenyl	9.386	154	895367	45.535	ng	100
47) 2-Chloronaphthalene	9.410	162	687593	44.568	ng	99
48) 2-Nitroaniline	9.504	65	212444	47.051	ng	99
49) Acenaphthylene	9.827	152	1114849	50.467	ng	100
50) Dimethylphthalate	9.686	163	779416	46.714	ng	100
51) 2,6-Dinitrotoluene	9.745	165	173228	50.095	ng	99
52) Acenaphthene	9.998	154	718537	47.906	ng	100
53) 3-Nitroaniline	9.916	138	101665	27.208	ng	98
54) 2,4-Dinitrophenol	10.027	184	156325	84.233	ng	98
55) Dibenzofuran	10.174	168	949188	44.388	ng	98
56) 4-Nitrophenol	10.086	139	216240	97.261	ng	97
57) 2,4-Dinitrotoluene	10.151	165	232906	50.442	ng	98
58) Fluorene	10.516	166	732448	44.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	195144	49.317	ng	98
60) Diethylphthalate	10.380	149	696514	46.561	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	362319	44.019	ng	99
62) 4-Nitroaniline	10.533	138	159164	46.374	ng	98
63) Azobenzene	10.663	77	773579	49.874	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	117693	49.996	ng	98
66) n-Nitrosodiphenylamine	10.621	169	628313	46.763	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	232125	46.598	ng	96
68) Hexachlorobenzene	11.069	284	248200	46.223	ng	99
69) Atrazine	11.145	200	174874	50.420	ng	99
70) Pentachlorophenol	11.263	266	236783	96.284	ng	99
71) Phenanthrene	11.480	178	1012630	45.292	ng	100
72) Anthracene	11.533	178	1035343	45.711	ng	100
73) Carbazole	11.686	167	833286	44.900	ng	99
74) Di-n-butylphthalate	12.010	149	842966	48.689	ng	100
75) Fluoranthene	12.668	202	882837	44.006	ng	99
77) Benzidine	12.786	184	253347	44.669	ng	99
78) Pyrene	12.898	202	862281	45.021	ng	100
80) Butylbenzylphthalate	13.510	149	262867	50.240	ng	100
81) Benzo(a)anthracene	14.086	228	673510	44.930	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	89469	20.841	ng	98
83) Chrysene	14.121	228	635776	47.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	399157	50.089	ng	99
85) Di-n-octyl phthalate	14.680	149	752375	50.964	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	919952	47.234	ng	100
88) Benzo(b)fluoranthene	15.156	252	721765	47.907	ng	100
89) Benzo(k)fluoranthene	15.186	252	683101	47.355	ng	100
90) Benzo(a)pyrene	15.533	252	686454	49.087	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	747266	47.906	ng	99
92) Benzo(g,h,i)perylene	17.592	276	753417	48.575	ng	99

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

Quant Time: Aug 21 02:05:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

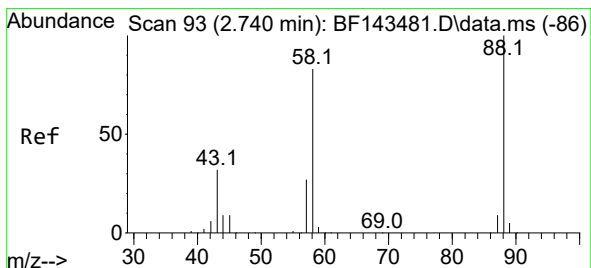
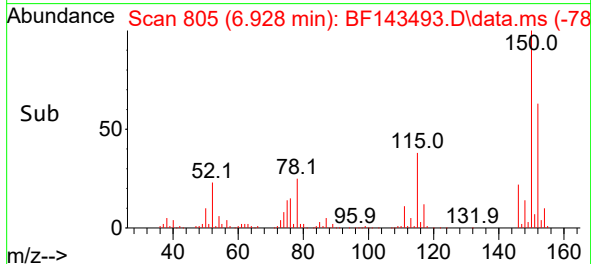
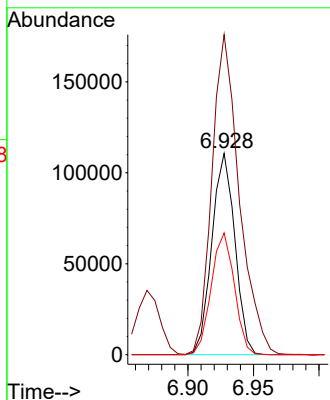
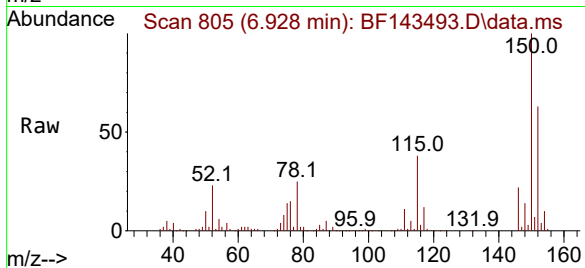




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

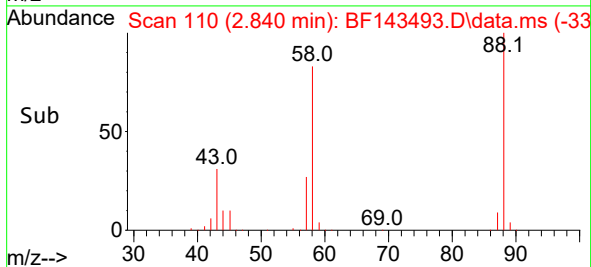
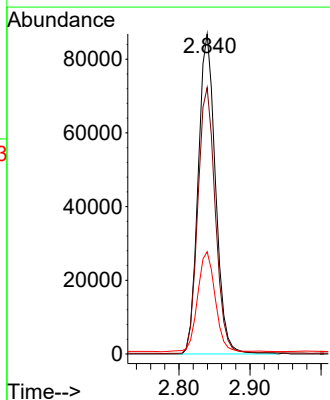
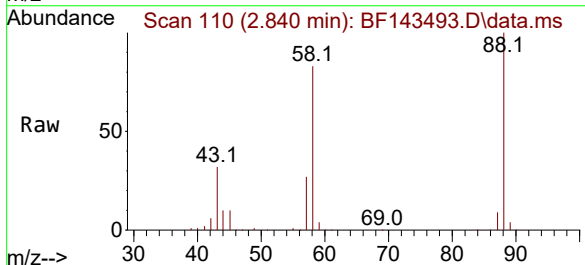
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

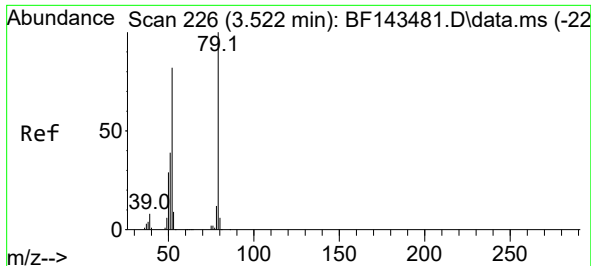
Tgt Ion:152 Resp: 135090
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.9 193.3
 115 60.5 49.2 73.8



#2
 1,4-Dioxane
 Concen: 41.089 ng
 RT: 2.840 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

Tgt Ion: 88 Resp: 147258
 Ion Ratio Lower Upper
 88 100
 58 83.8 66.7 100.1
 43 31.6 25.8 38.8





#3

Pyridine

Concen: 41.400 ng

RT: 3.598 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

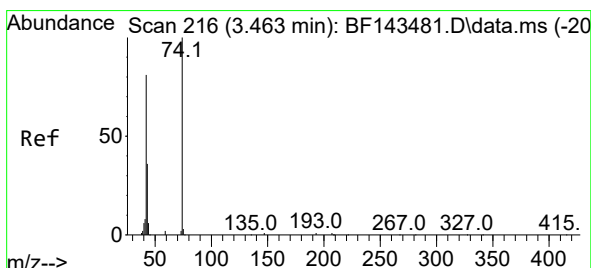
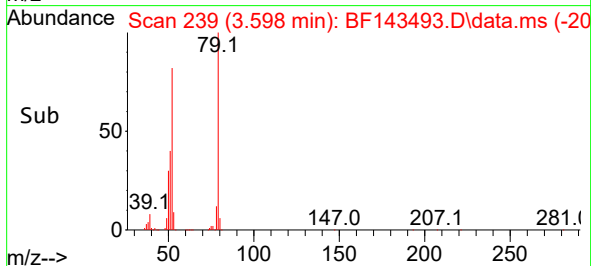
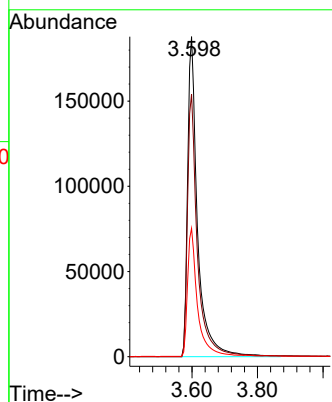
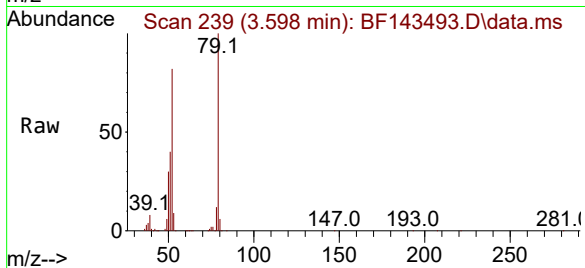
Tgt Ion: 79 Resp: 395182

Ion Ratio Lower Upper

79 100

52 82.0 65.6 98.4

51 40.1 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 47.723 ng

RT: 3.545 min Scan# 230

Delta R.T. 0.070 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

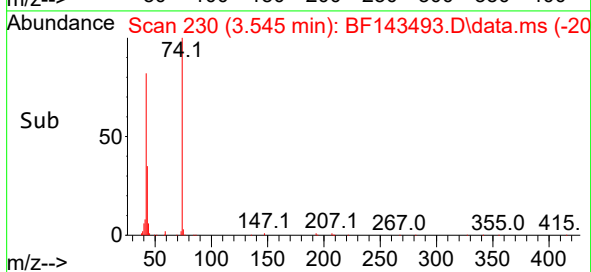
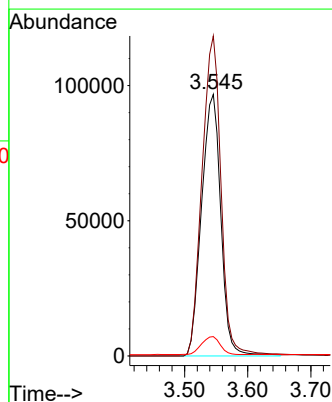
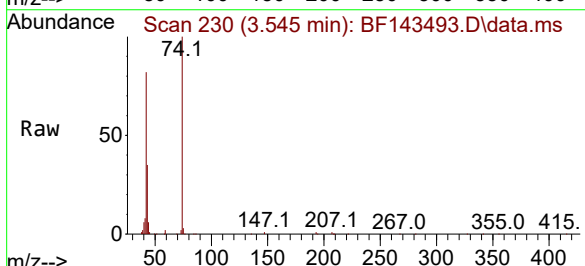
Tgt Ion: 42 Resp: 204783

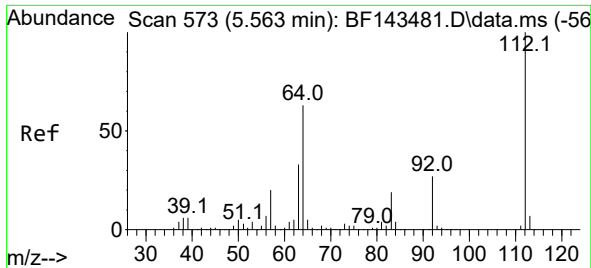
Ion Ratio Lower Upper

42 100

74 122.3 98.6 148.0

44 7.4 5.8 8.8

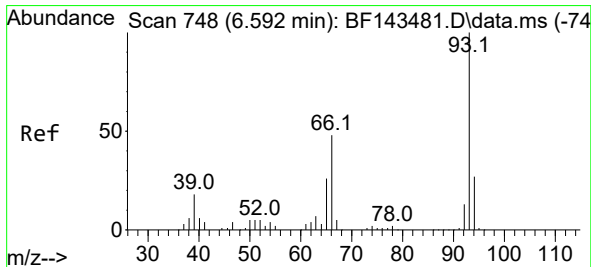
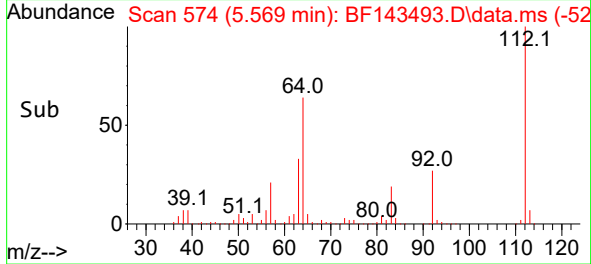
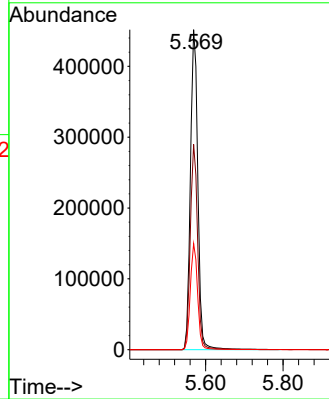
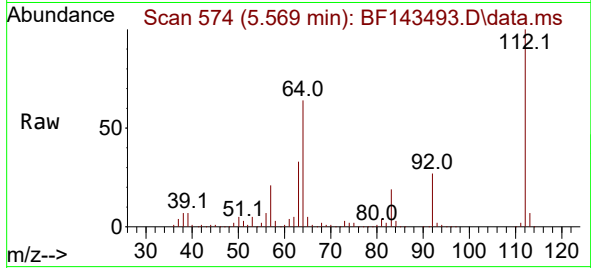




#5
2-Fluorophenol
Concen: 77.476 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

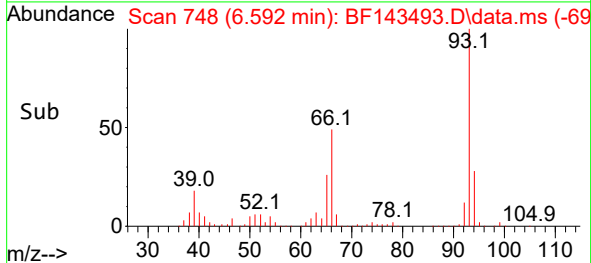
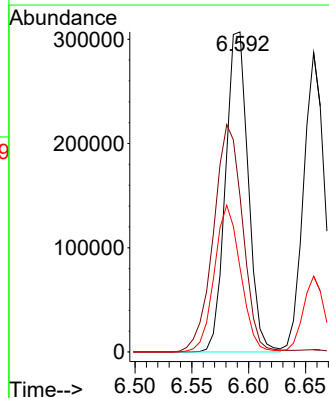
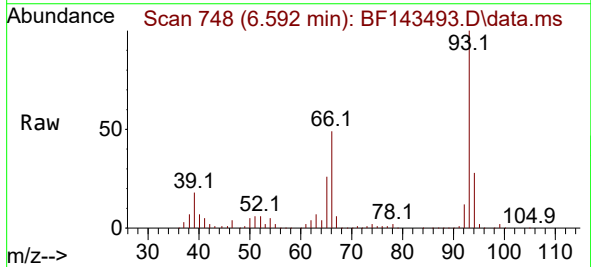
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

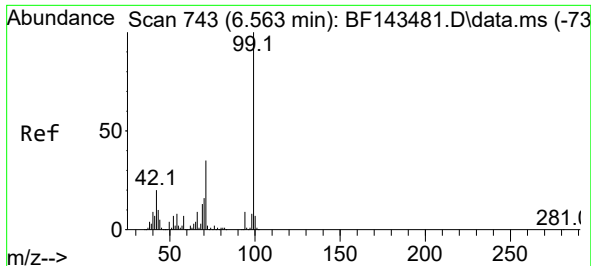
Tgt Ion:112 Resp: 599389
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 33.1 26.4 39.6



#6
Aniline
Concen: 33.356 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion: 93 Resp: 425800
Ion Ratio Lower Upper
93 100
66 48.6 38.9 58.3
65 26.2 20.6 30.8

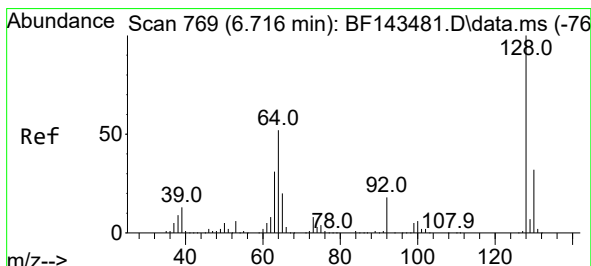
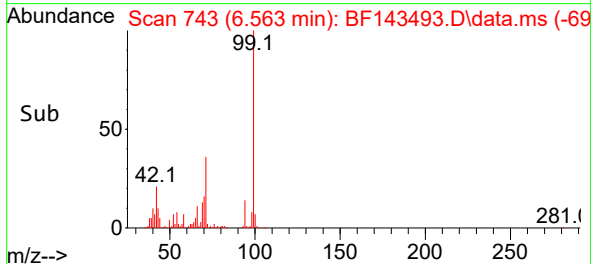
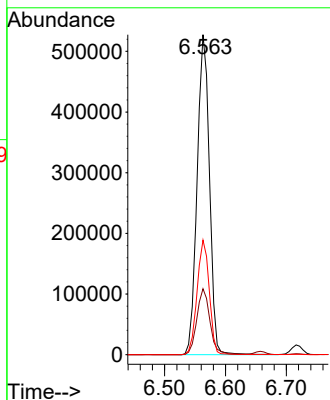
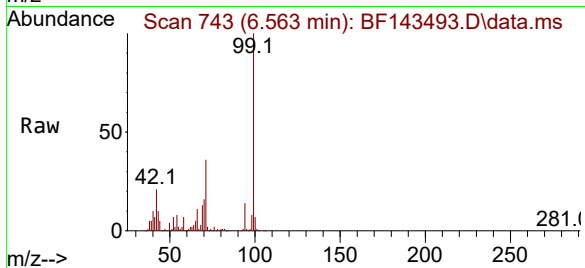




#7
Phenol-d6
Concen: 77.471 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

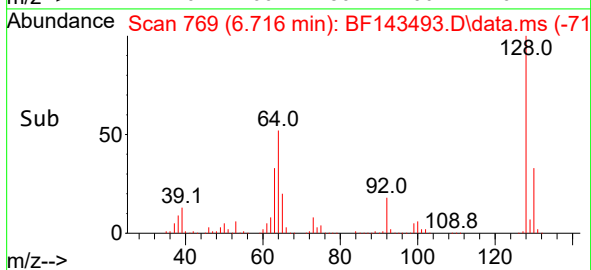
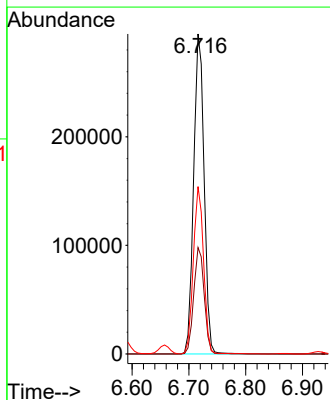
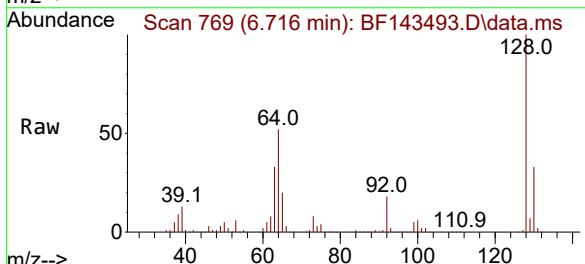
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

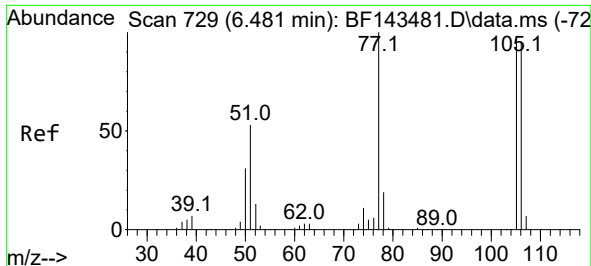
Tgt Ion: 99 Resp: 739857
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 35.8 28.2 42.2



#8
2-Chlorophenol
Concen: 44.365 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion: 128 Resp: 379095
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 52.3 31.6 71.6

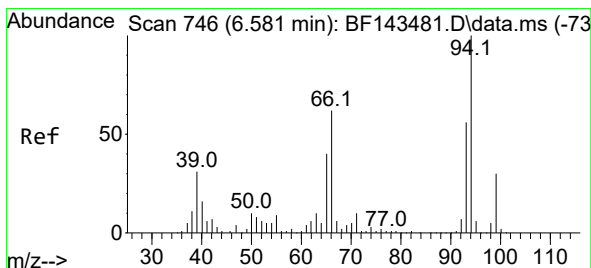
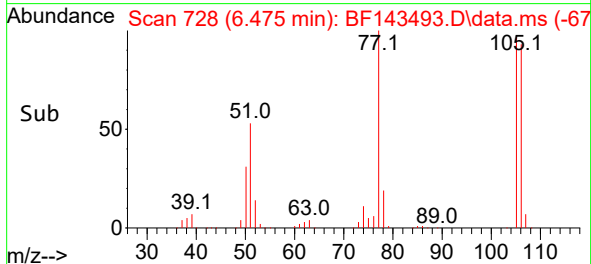
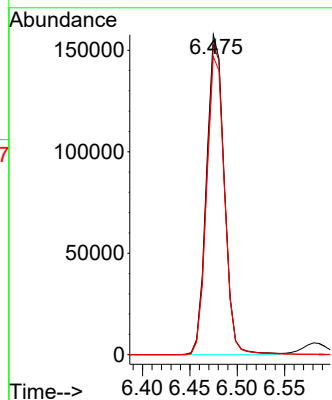
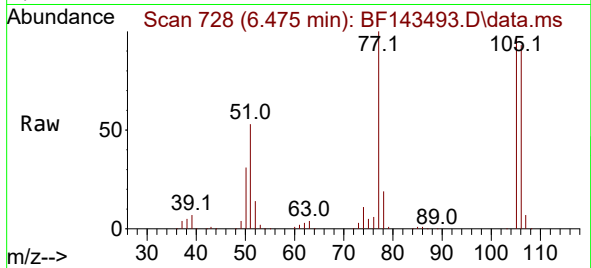




#9
Benzaldehyde
Concen: 26.448 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

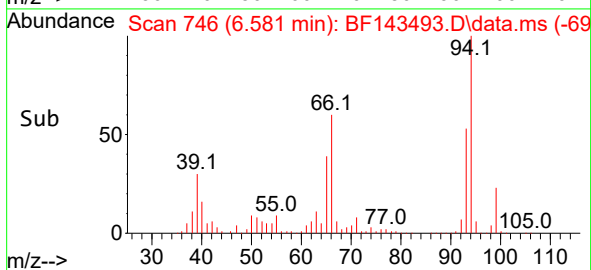
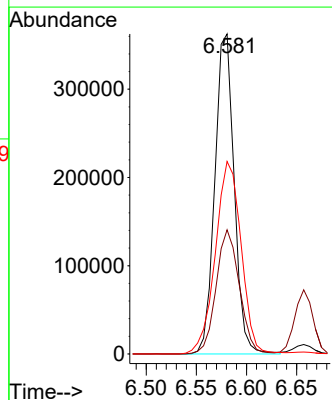
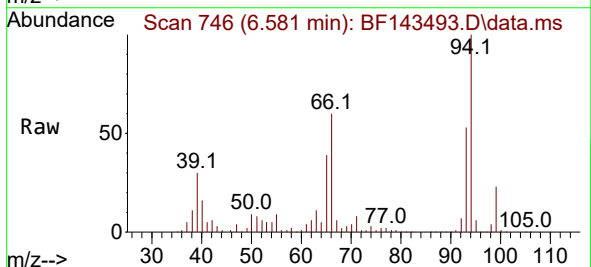
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

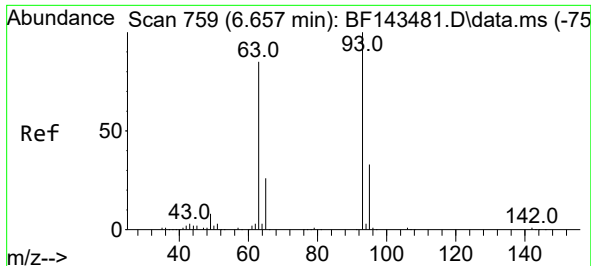
Tgt Ion: 77 Resp: 204496
Ion Ratio Lower Upper
77 100
105 96.8 78.1 118.1
106 93.2 74.9 114.9



#10
Phenol
Concen: 44.112 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion: 94 Resp: 485315
Ion Ratio Lower Upper
94 100
65 38.8 19.5 59.5
66 60.1 42.5 82.5

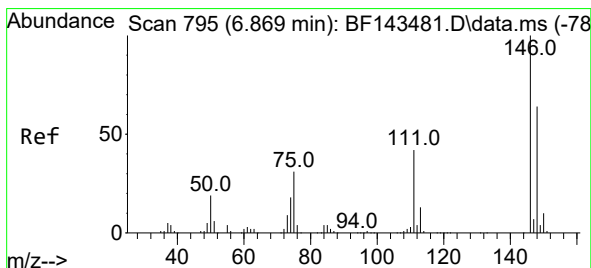
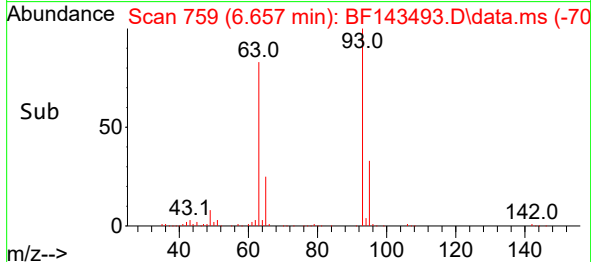
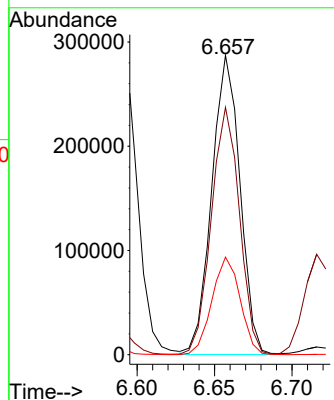
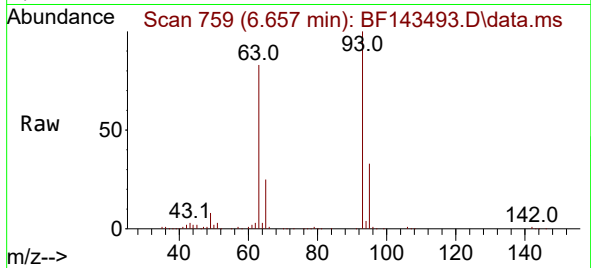




#11
bis(2-Chloroethyl)ether
Concen: 44.283 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

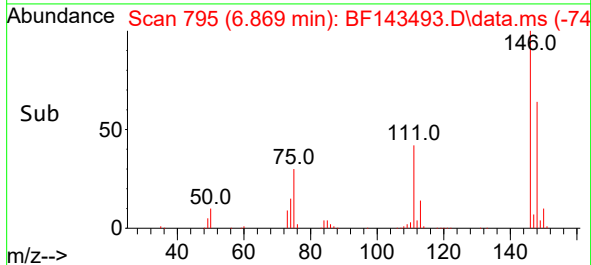
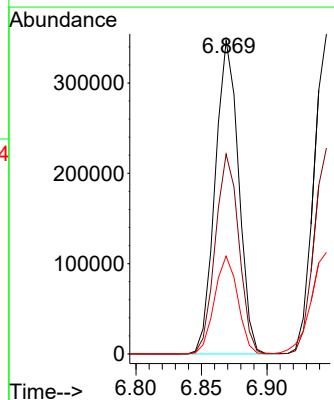
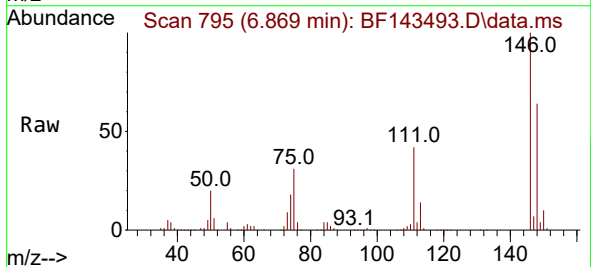
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

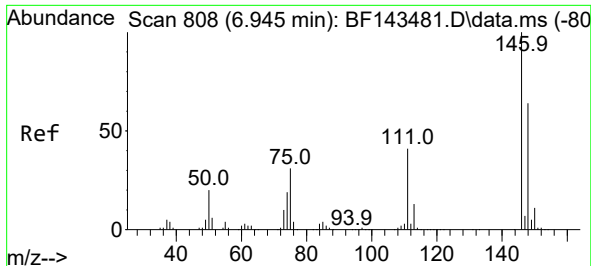
Tgt Ion: 93 Resp: 364075
Ion Ratio Lower Upper
93 100
63 82.6 63.6 103.6
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.916 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion: 146 Resp: 431237
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 31.3 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 45.343 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

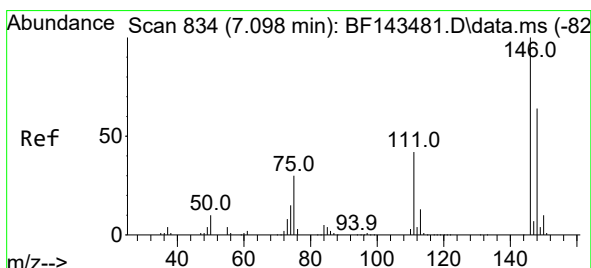
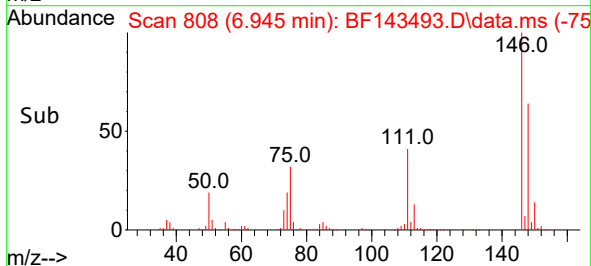
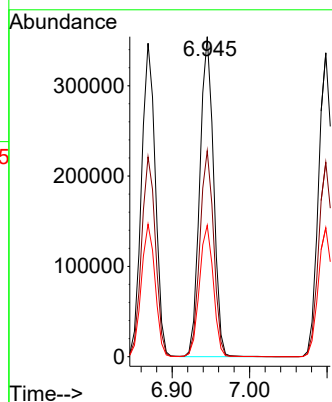
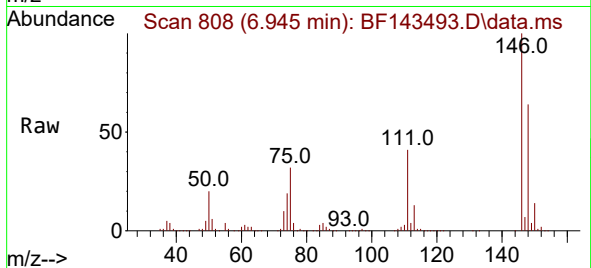
Tgt Ion:146 Resp: 436688

Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 41.1 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 46.062 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

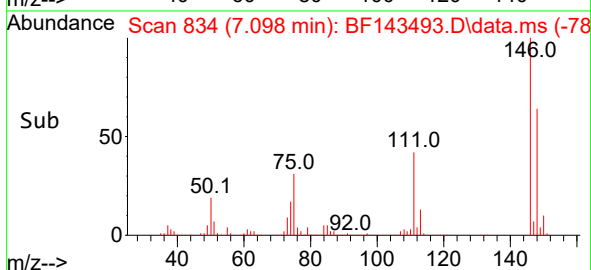
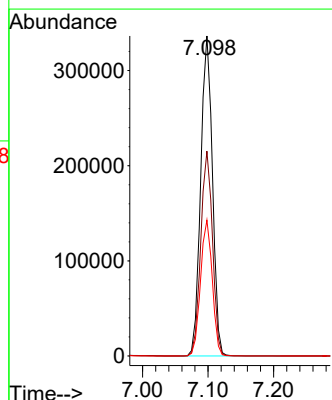
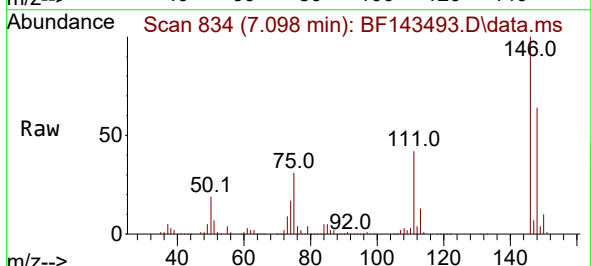
Tgt Ion:146 Resp: 420010

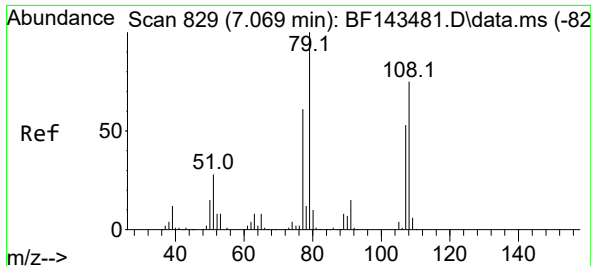
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 42.5 34.0 51.0

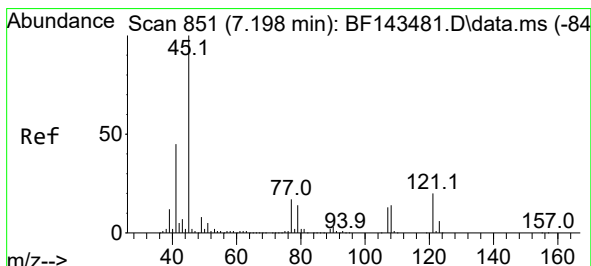
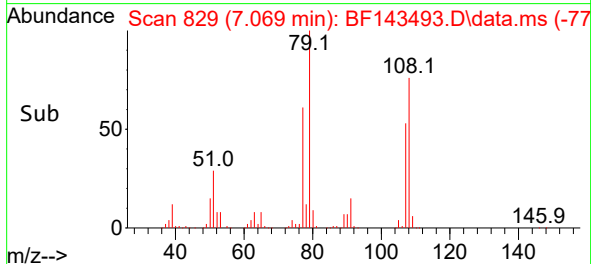
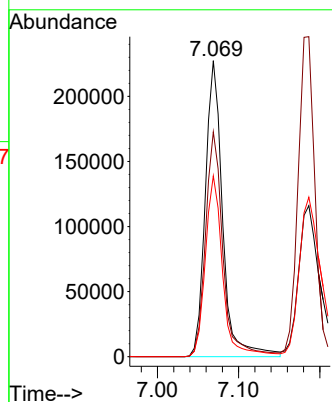
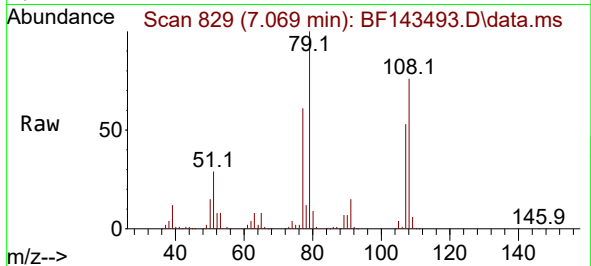




#15
Benzyl Alcohol
Concen: 46.987 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

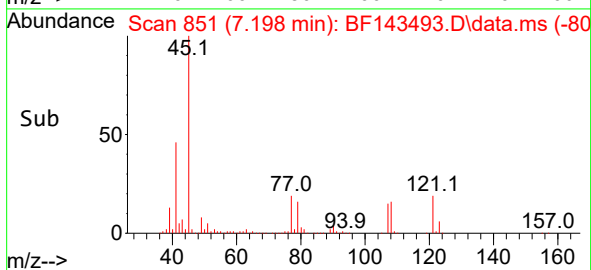
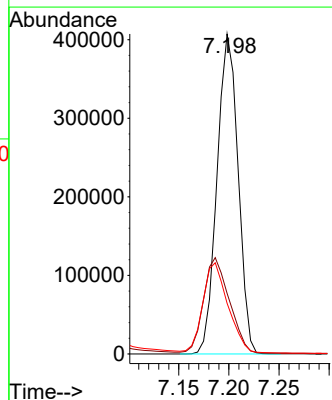
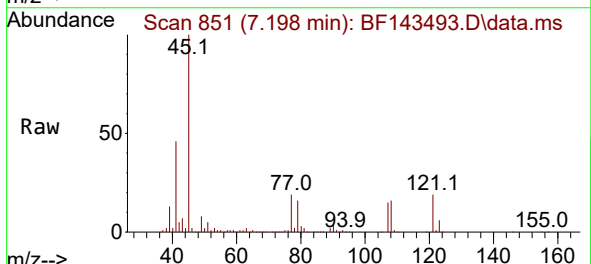
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

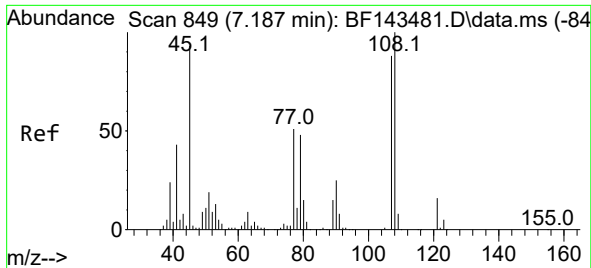
Tgt Ion: 79 Resp: 335961
Ion Ratio Lower Upper
79 100
108 76.0 59.8 89.6
77 61.1 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.221 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion: 45 Resp: 594795
Ion Ratio Lower Upper
45 100
77 18.9 0.0 37.9
79 15.9 0.0 34.7

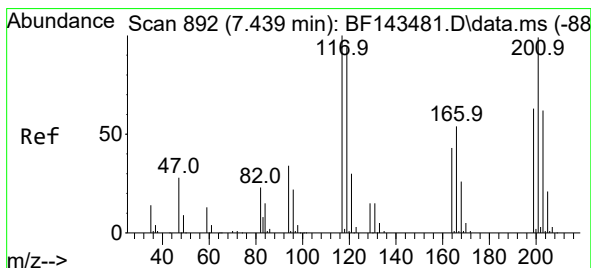
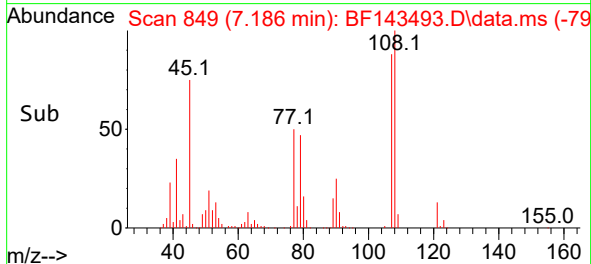
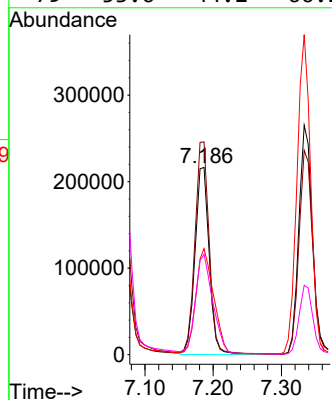
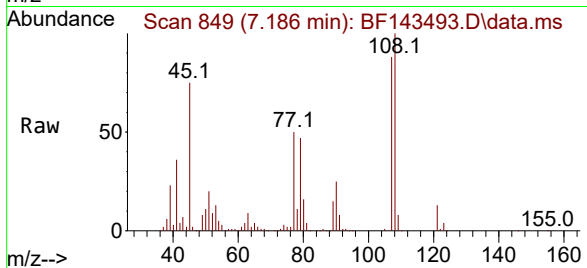




#17
2-Methylphenol
Concen: 45.661 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

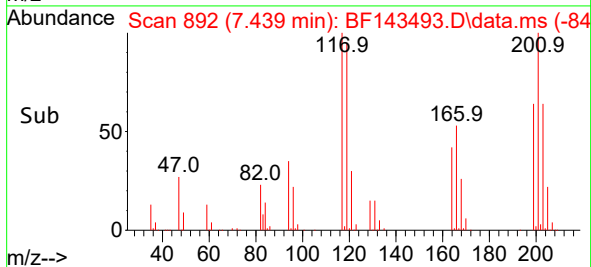
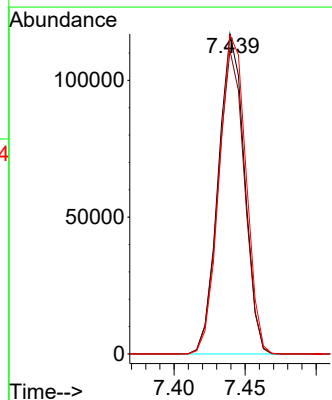
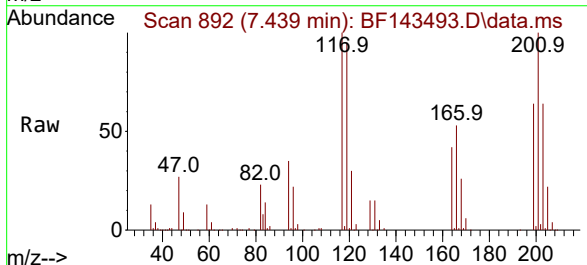
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

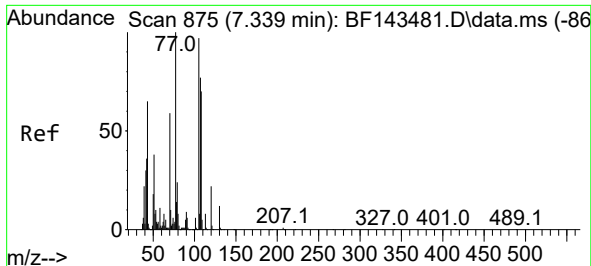
Tgt Ion:	107	Resp:	313148
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	56.7	46.2	69.4
79	53.6	44.2	66.2



#18
Hexachloroethane
Concen: 45.764 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:	117	Resp:	149852
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.4	113.0
201	99.7	79.0	118.4



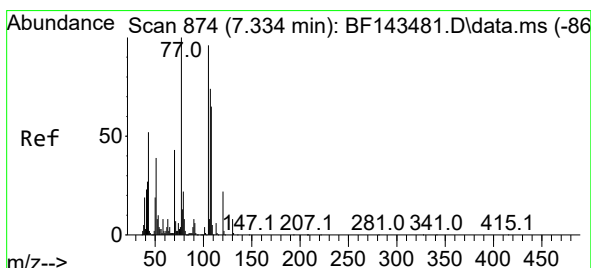
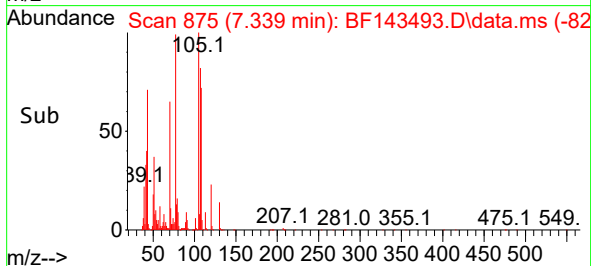
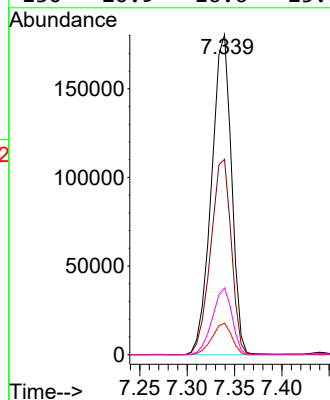
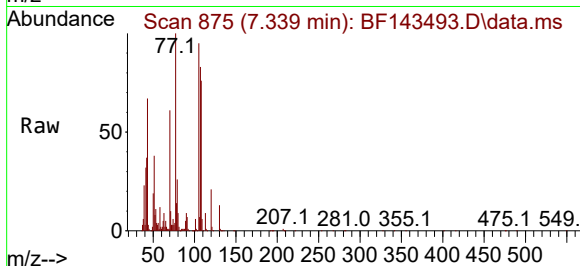


#19
n-Nitroso-di-n-propylamine
Concen: 45.578 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

Tgt Ion: 70 Resp: 266051

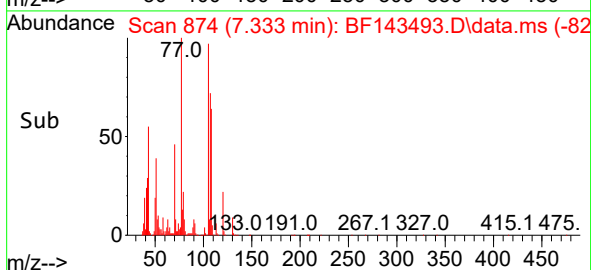
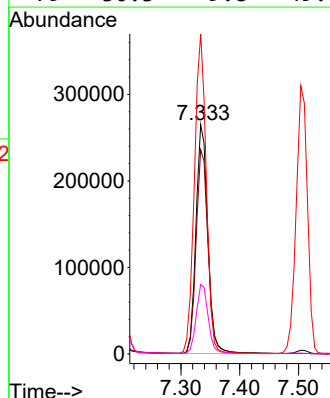
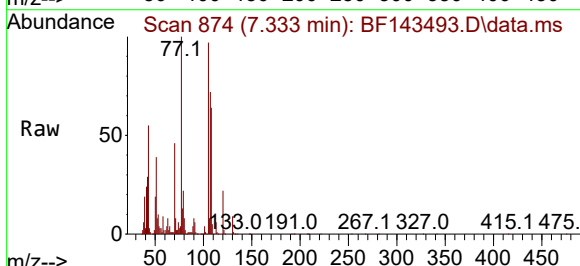
Ion	Ratio	Lower	Upper
70	100		
42	61.1	49.3	73.9
101	9.8	7.8	11.8
130	20.9	16.6	25.0

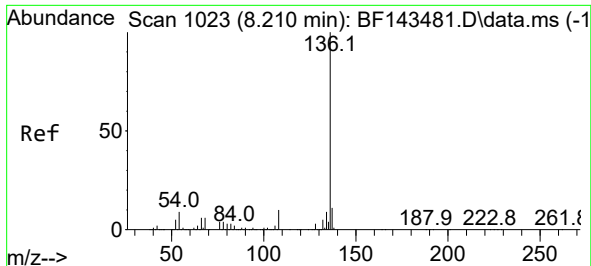


#20
3+4-Methylphenols
Concen: 45.232 ng
RT: 7.333 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion: 107 Resp: 370313

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.4	108.4
77	139.4	116.1	156.1
79	30.3	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143493.D

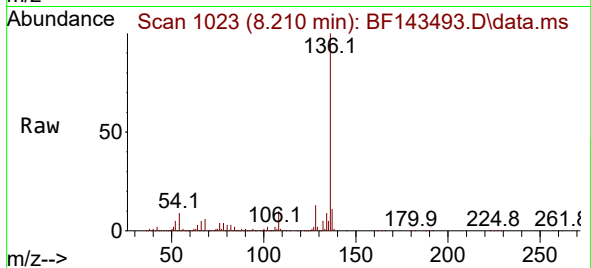
Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD



Tgt Ion:136 Resp: 501059

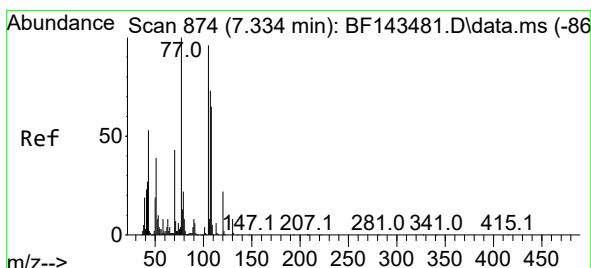
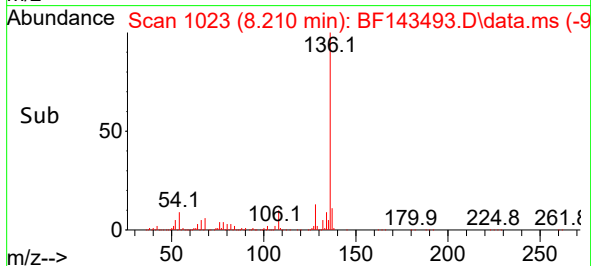
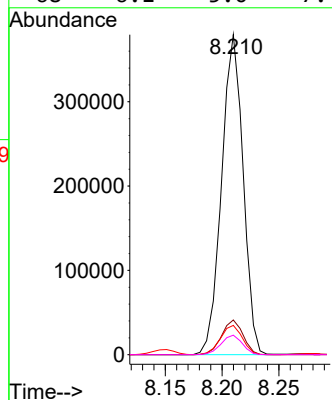
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 9.2 7.4 11.2

68 6.1 5.0 7.4



#22

Acetophenone

Concen: 46.807 ng

RT: 7.333 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Tgt Ion:105 Resp: 506682

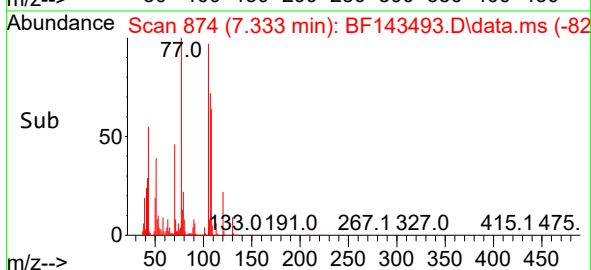
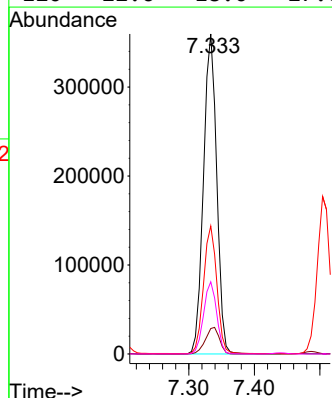
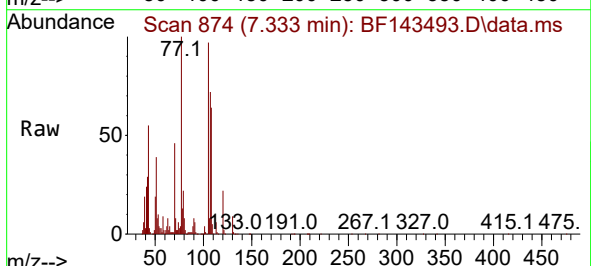
Ion Ratio Lower Upper

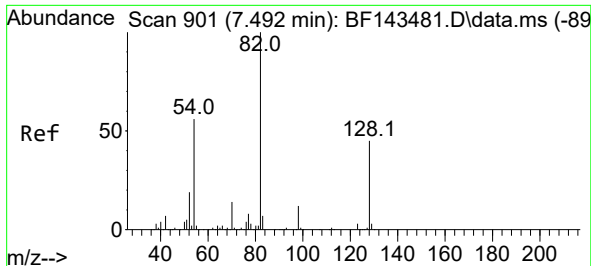
105 100

71 7.9 5.9 8.9

51 40.0 32.5 48.7

120 22.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 57.239 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

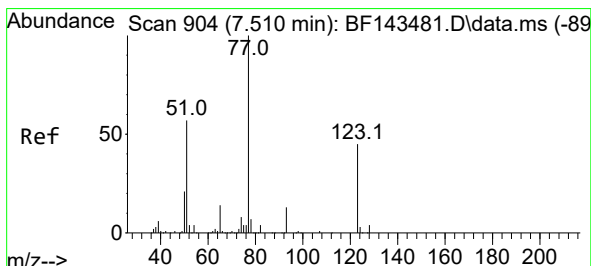
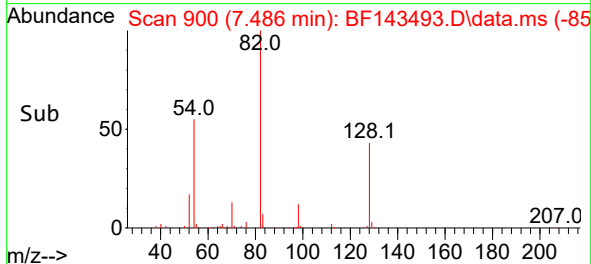
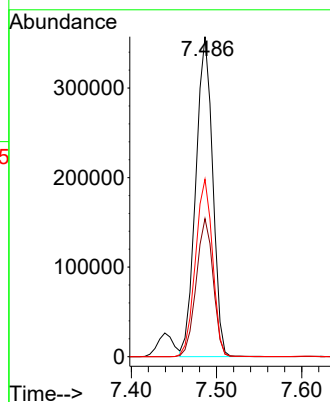
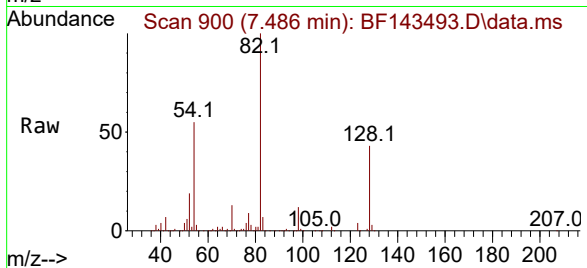
Tgt Ion: 82 Resp: 491481

Ion Ratio Lower Upper

82 100

128 43.2 35.5 53.3

54 55.5 44.3 66.5



#24

Nitrobenzene

Concen: 46.729 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

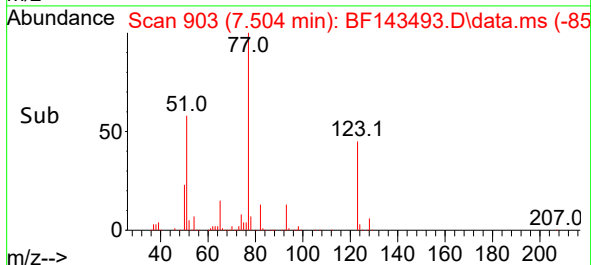
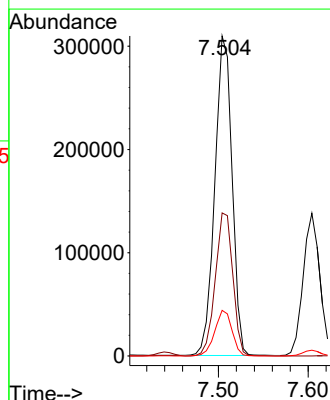
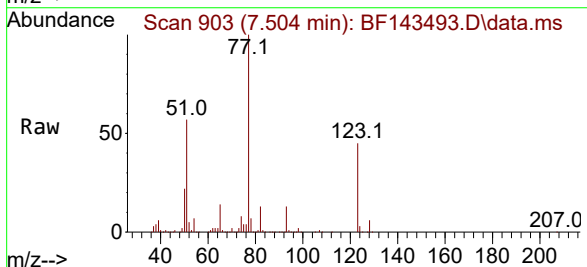
Tgt Ion: 77 Resp: 412961

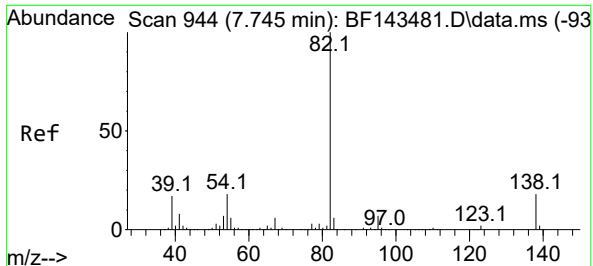
Ion Ratio Lower Upper

77 100

123 44.7 36.1 54.1

65 14.2 11.0 16.6

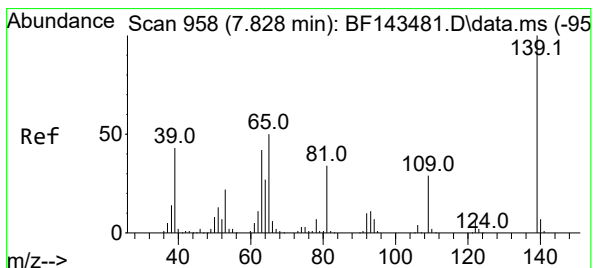
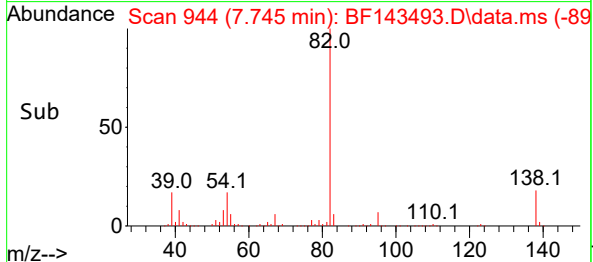
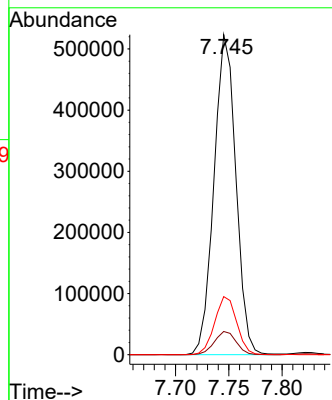
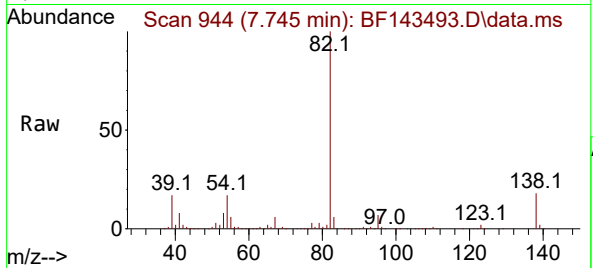




#25
Isophorone
Concen: 47.498 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

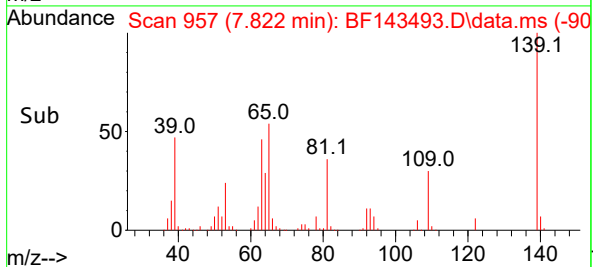
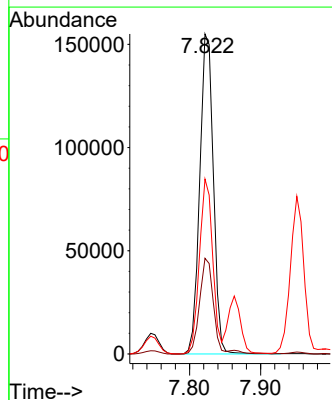
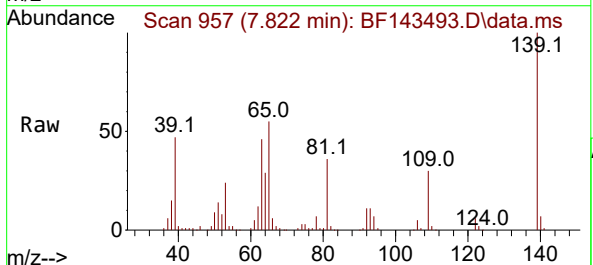
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

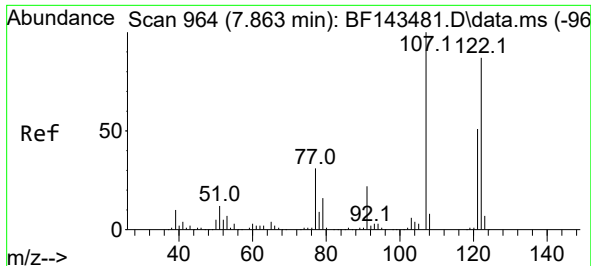
Tgt Ion: 82 Resp: 747611
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.1 14.2 21.4



#26
2-Nitrophenol
Concen: 48.038 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:139 Resp: 207954
Ion Ratio Lower Upper
139 100
109 29.9 23.0 34.6
65 54.7 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 50.096 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

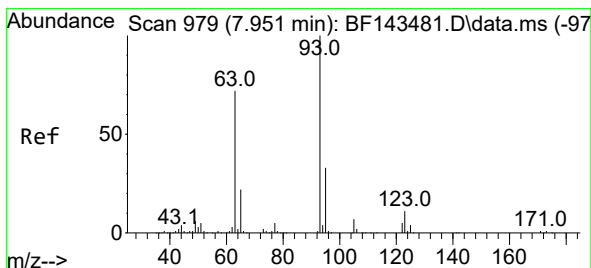
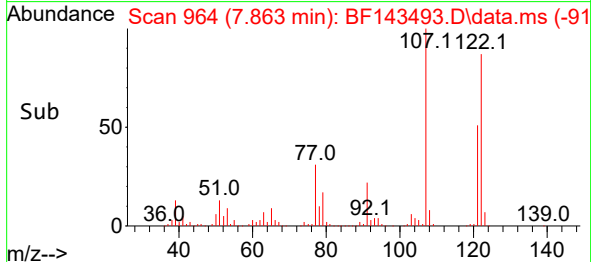
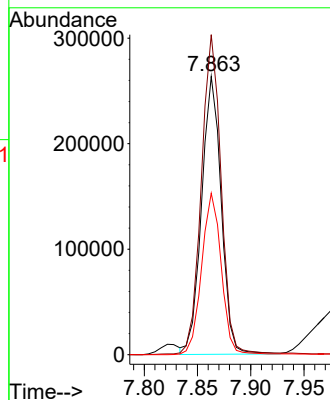
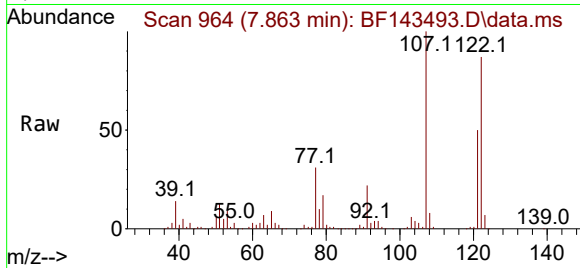
Tgt Ion:122 Resp: 338055

Ion Ratio Lower Upper

122 100

107 115.0 91.5 137.3

121 58.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.644 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

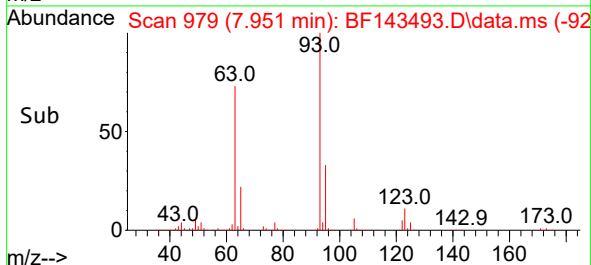
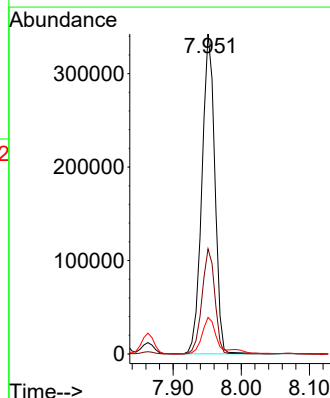
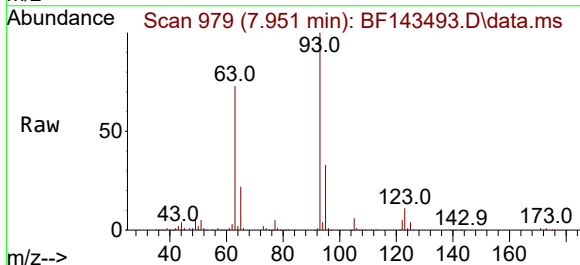
Tgt Ion: 93 Resp: 451187

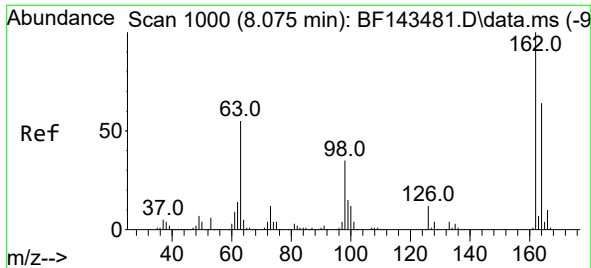
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.056 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

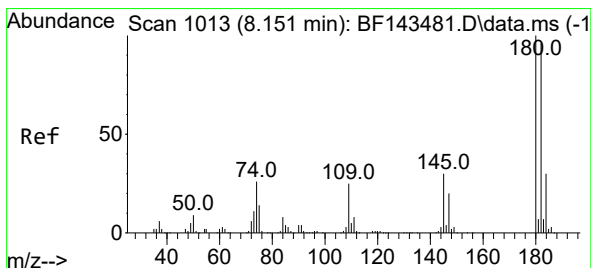
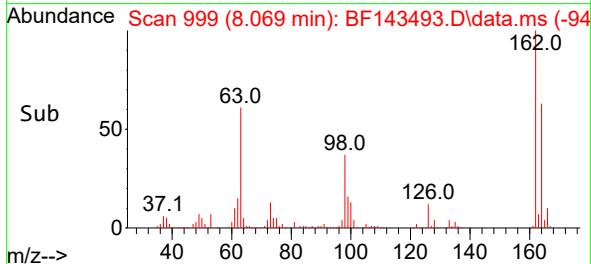
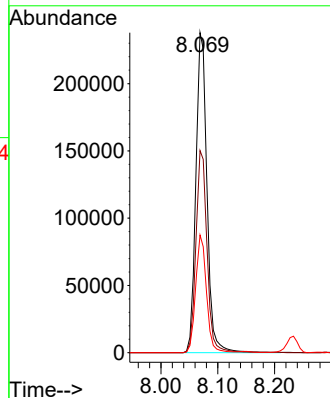
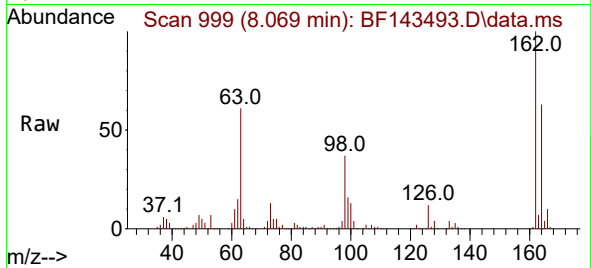
Tgt Ion:162 Resp: 324725

Ion Ratio Lower Upper

162 100

164 63.1 43.5 83.5

98 36.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 46.856 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

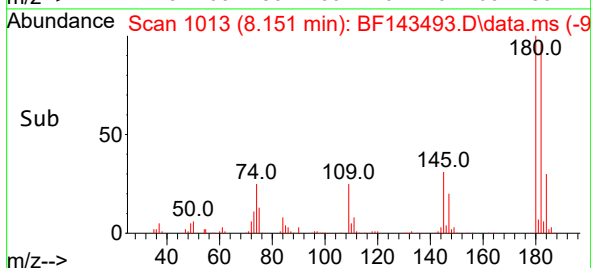
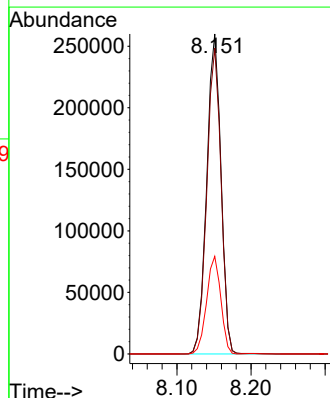
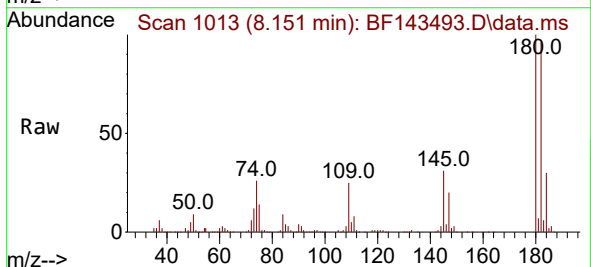
Tgt Ion:180 Resp: 347200

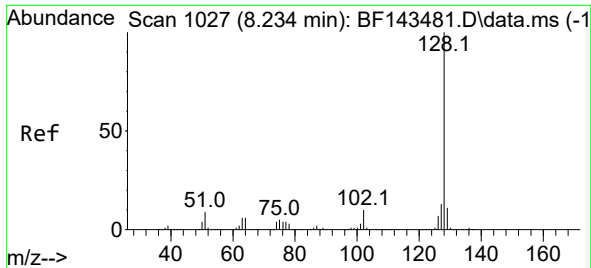
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

145 30.5 24.3 36.5

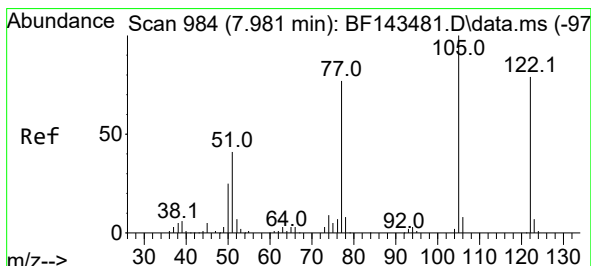
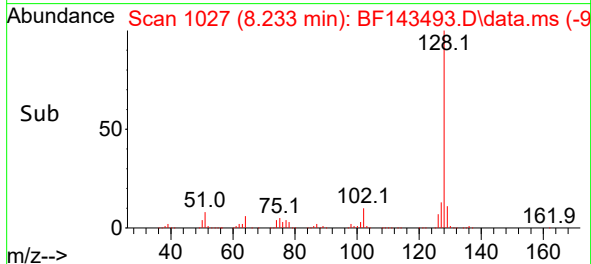
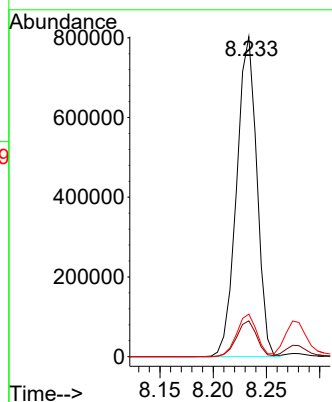
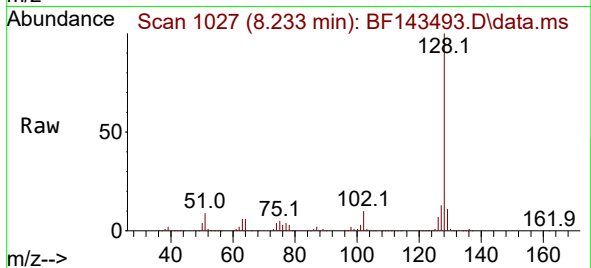




#31
Naphthalene
Concen: 44.114 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

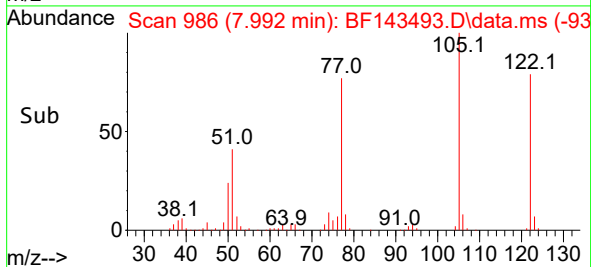
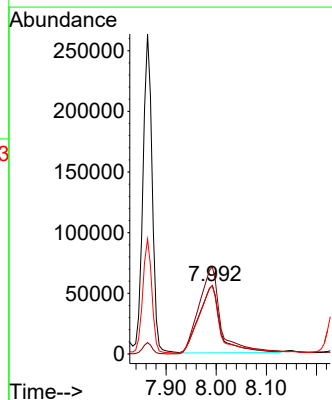
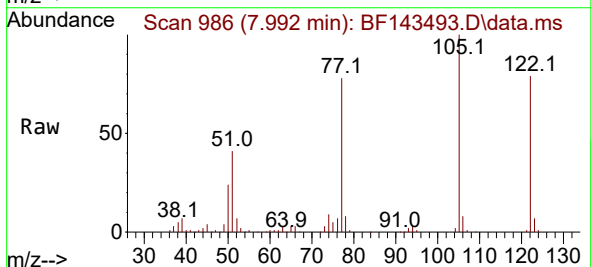
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

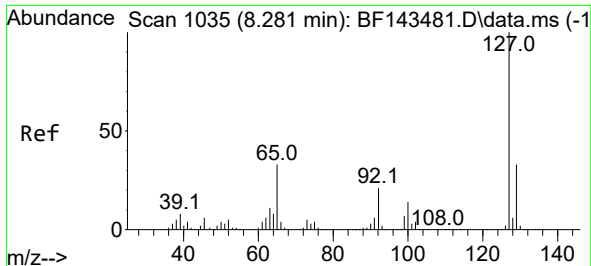
Tgt Ion:128 Resp: 1061192
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 44.068 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:122 Resp: 166939
Ion Ratio Lower Upper
122 100
105 127.3 104.7 144.7
77 99.6 77.3 117.3

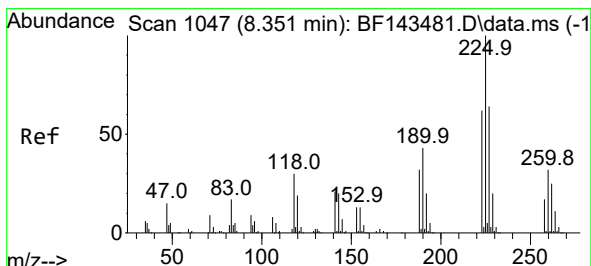
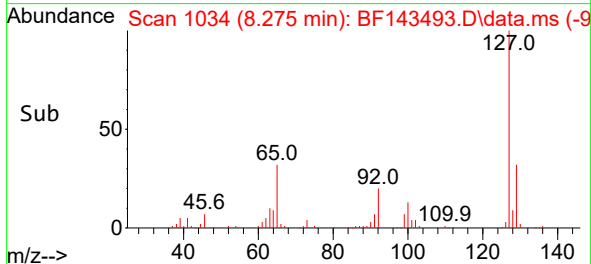
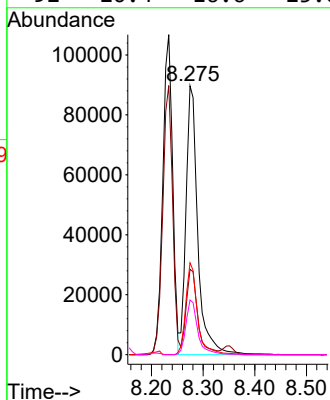
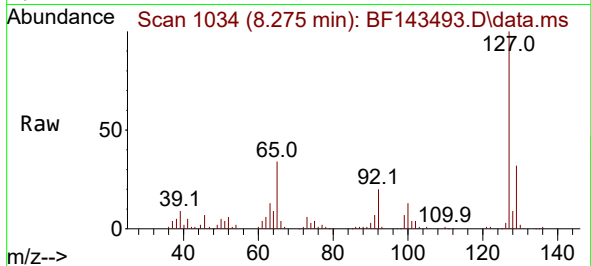




#33
4-Chloroaniline
Concen: 16.772 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

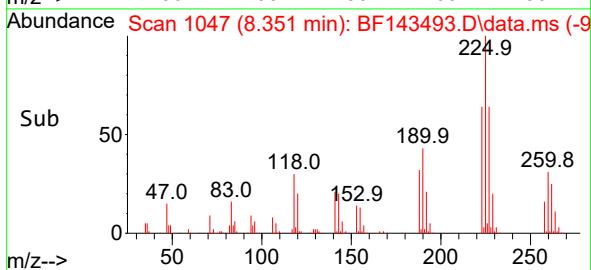
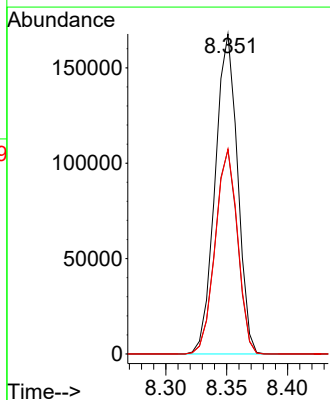
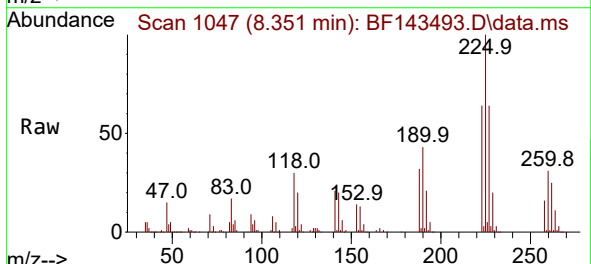
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

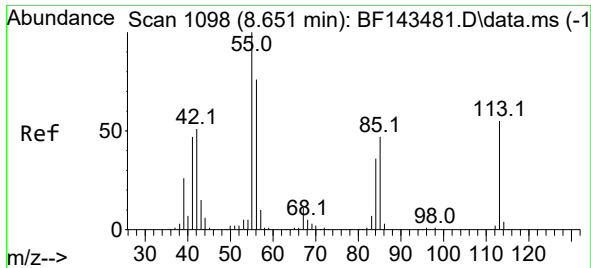
Tgt Ion:	127	Resp:	143196
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	34.2	26.2	39.2
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.529 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:	225	Resp:	215269
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.9	74.9
227	64.0	50.9	76.3

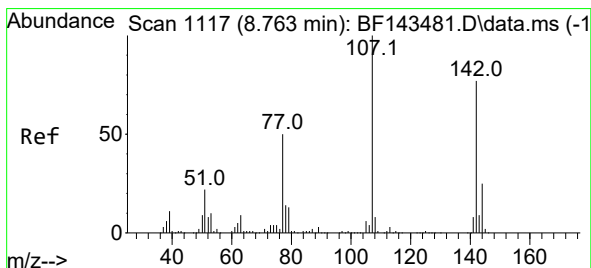
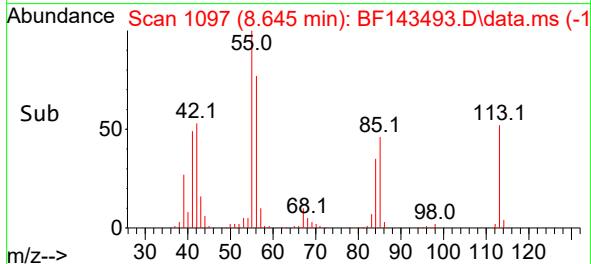
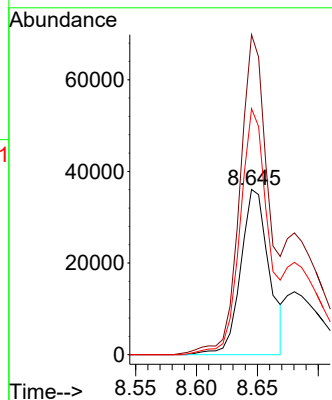
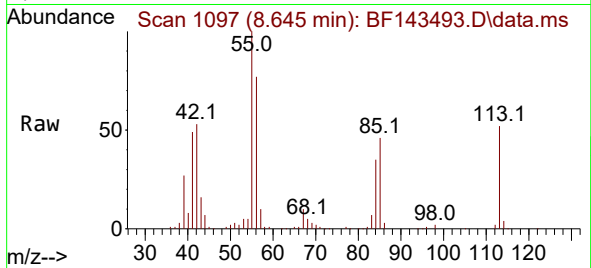




#35
 Caprolactam
 Concen: 33.776 ng
 RT: 8.645 min Scan# 1107
 Delta R.T. -0.030 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

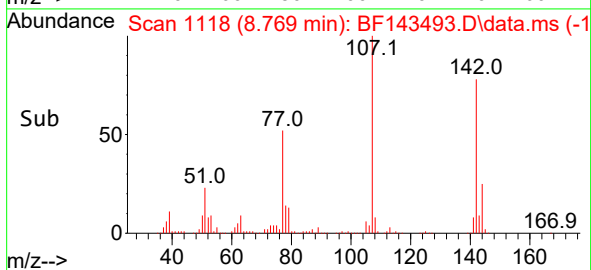
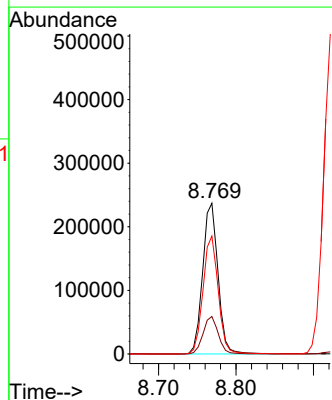
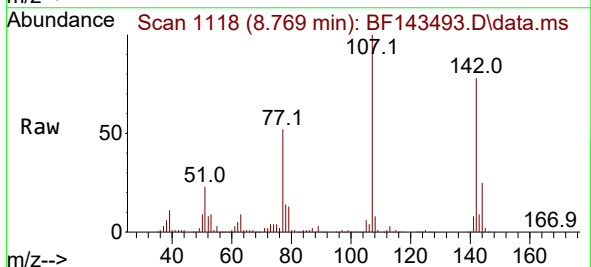
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

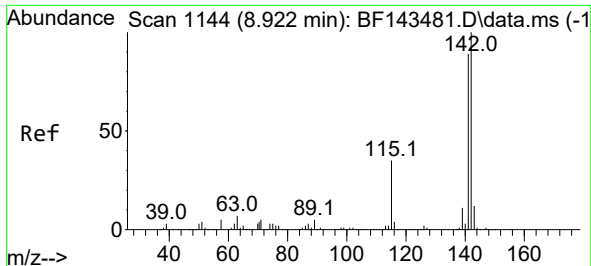
Tgt Ion:113 Resp: 58412
 Ion Ratio Lower Upper
 113 100
 55 193.6 162.8 202.8
 56 148.8 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.146 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

Tgt Ion:107 Resp: 326067
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.9 29.9
 142 78.2 61.8 92.8

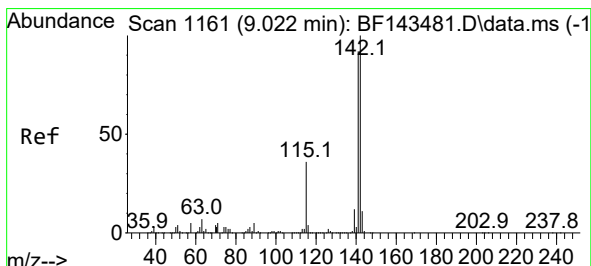
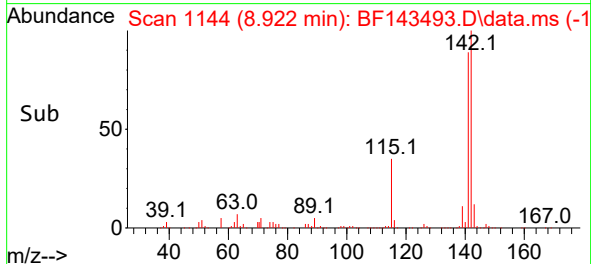
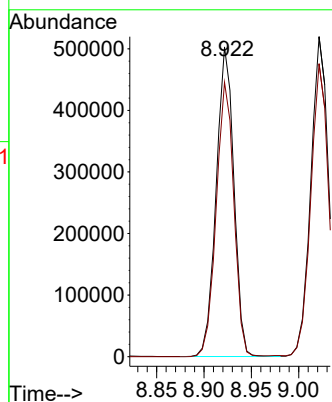
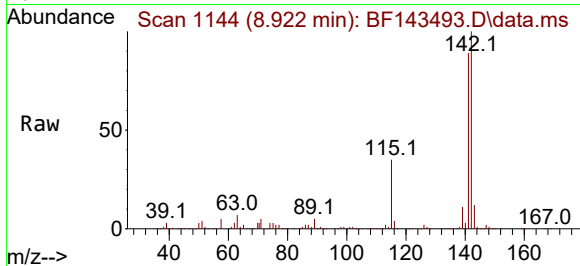




#37
2-Methylnaphthalene
Concen: 40.703 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

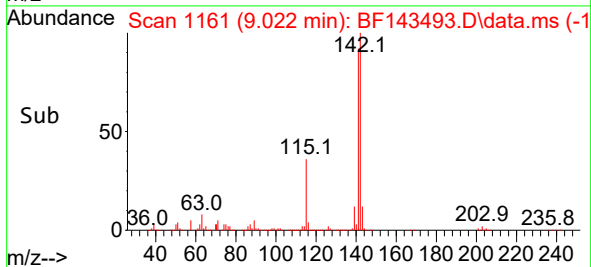
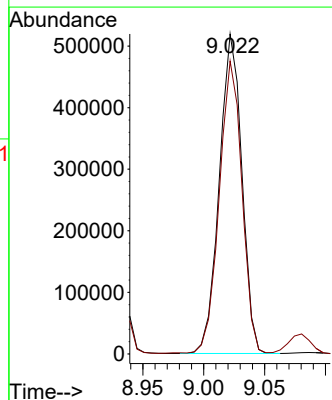
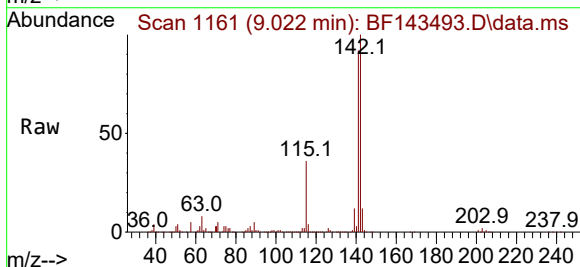
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

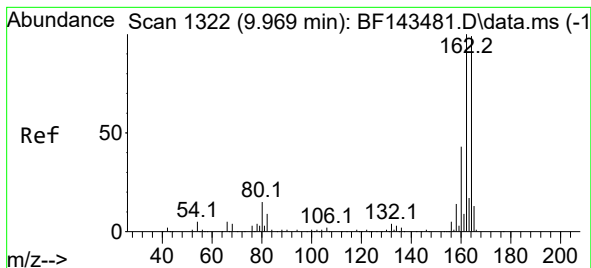
Tgt Ion:142 Resp: 653958
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 43.534 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:142 Resp: 669055
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

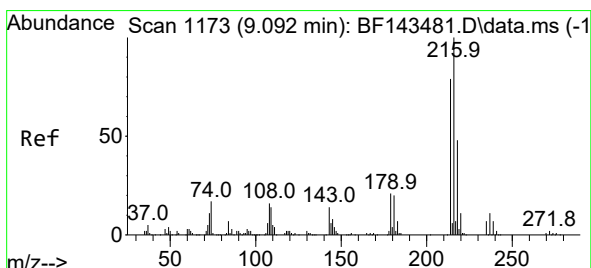
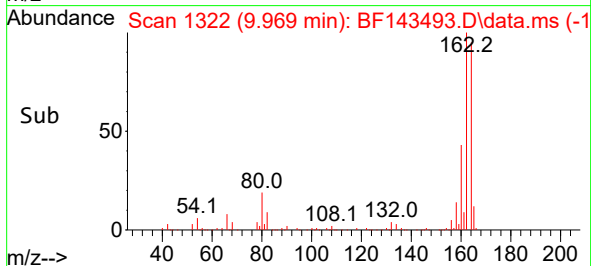
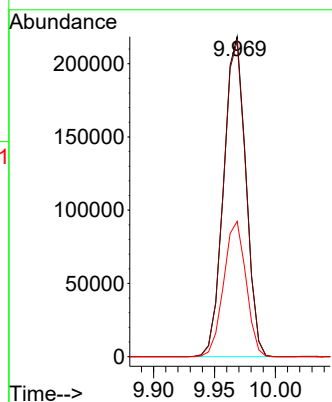
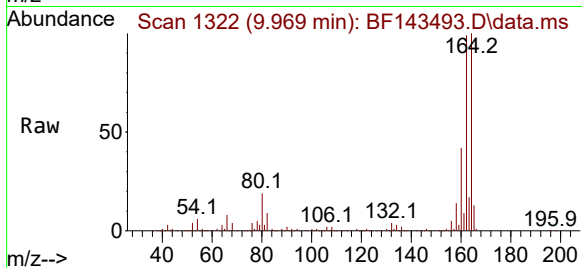
Tgt Ion:164 Resp: 277031

Ion Ratio Lower Upper

164 100

162 98.6 80.5 120.7

160 42.3 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.866 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Tgt Ion:216 Resp: 339677

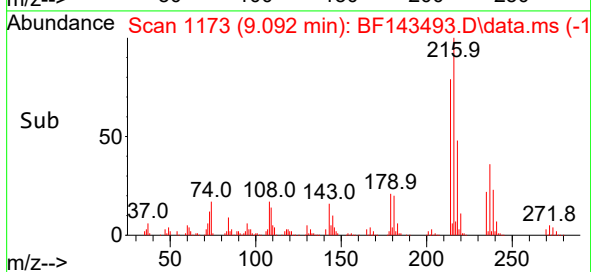
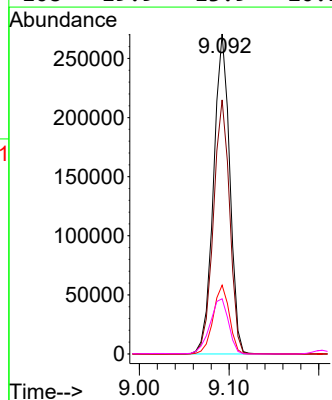
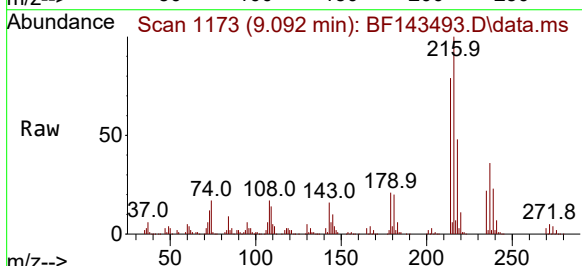
Ion Ratio Lower Upper

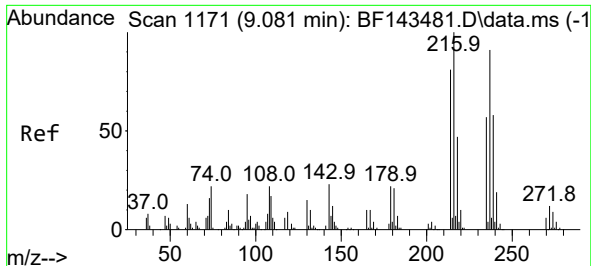
216 100

214 79.4 63.4 95.0

179 21.4 16.5 24.7

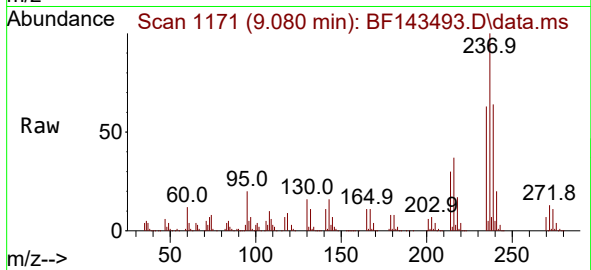
108 19.9 13.9 20.9



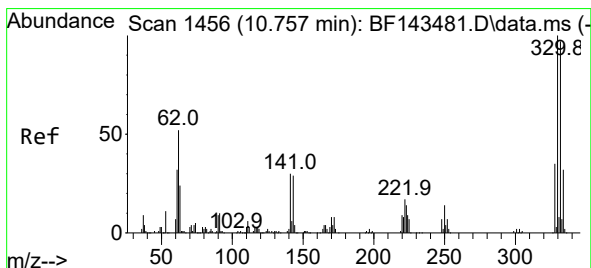
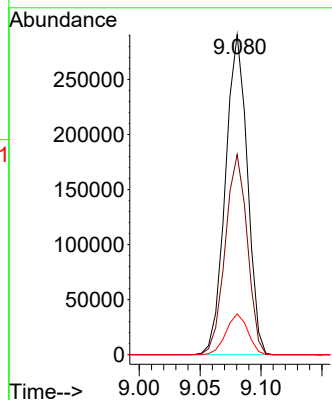
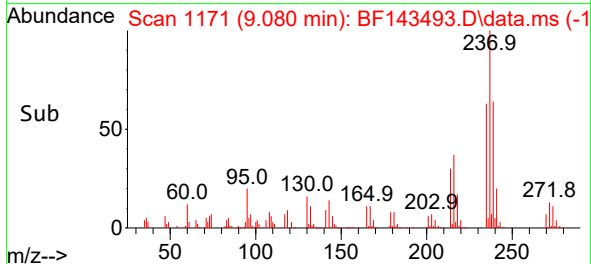


#41
Hexachlorocyclopentadiene
Concen: 115.180 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

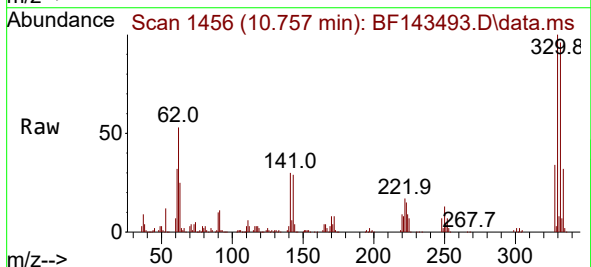
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD



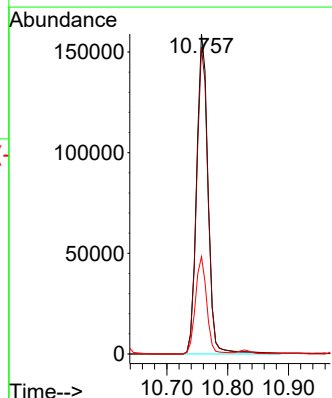
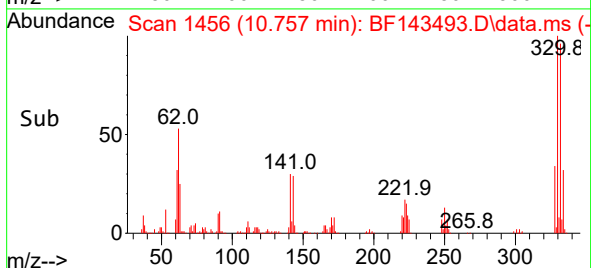
Tgt Ion:237 Resp: 364123
Ion Ratio Lower Upper
237 100
235 62.5 42.6 82.6
272 12.7 0.0 33.4

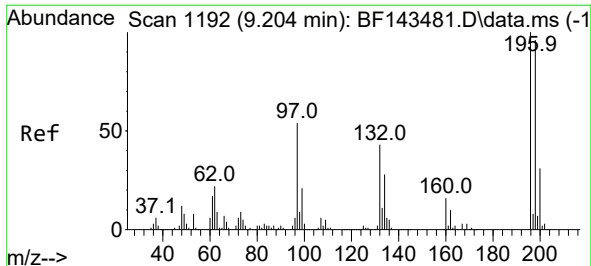


#42
2,4,6-Tribromophenol
Concen: 80.628 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10



Tgt Ion:330 Resp: 207920
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 29.7 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 45.460 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

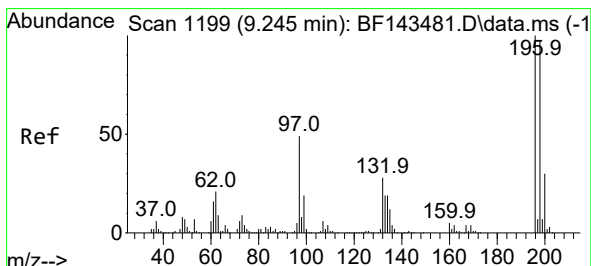
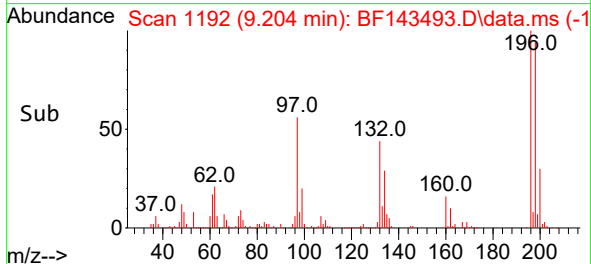
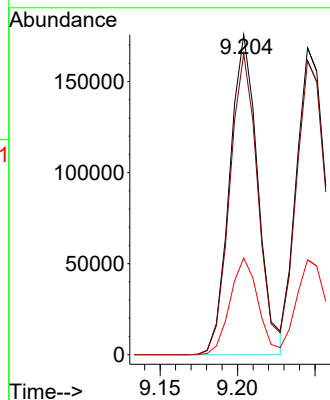
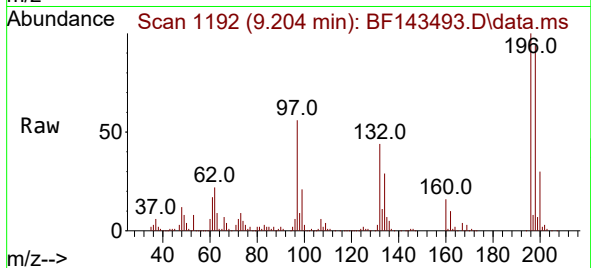
Tgt Ion:196 Resp: 221658

Ion Ratio Lower Upper

196 100

198 94.0 77.0 115.4

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.200 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Tgt Ion:196 Resp: 230088

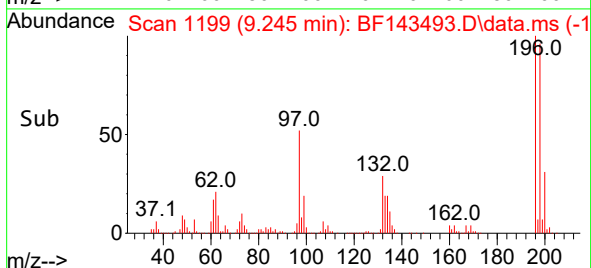
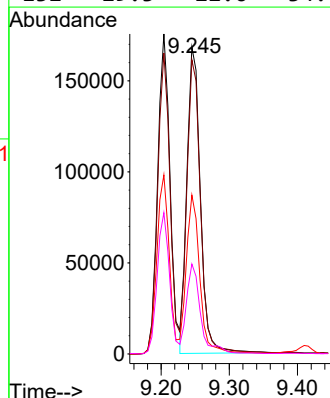
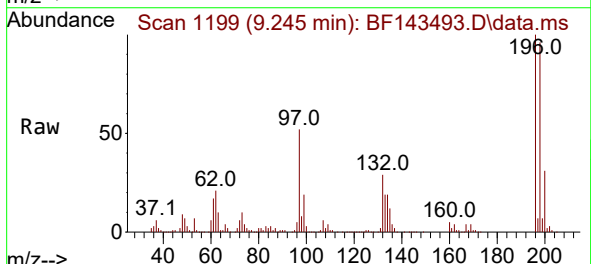
Ion Ratio Lower Upper

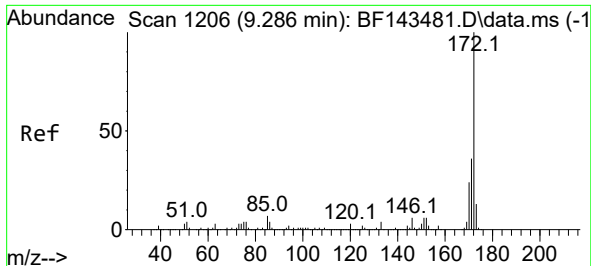
196 100

198 95.8 77.3 115.9

97 51.8 40.0 60.0

132 29.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 55.347 ng

RT: 9.280 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

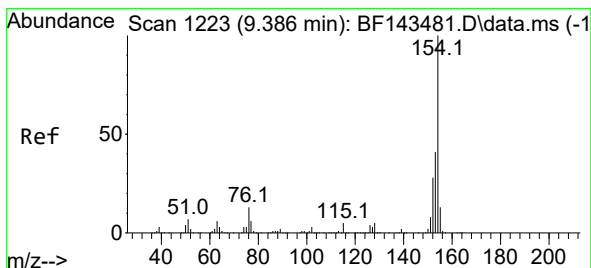
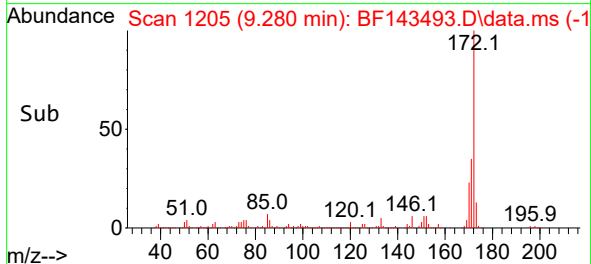
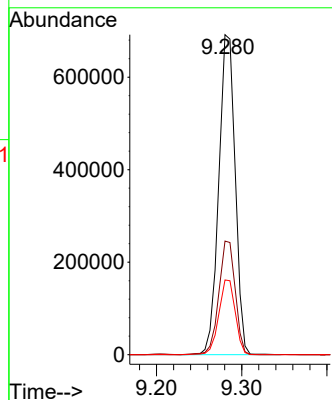
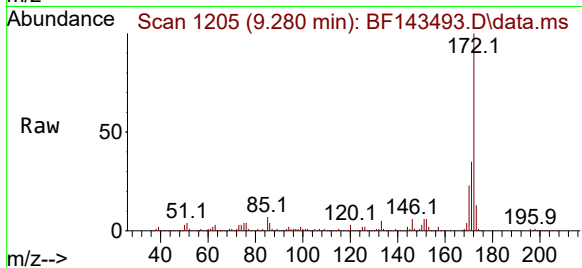
Tgt Ion:172 Resp: 927758

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.535 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

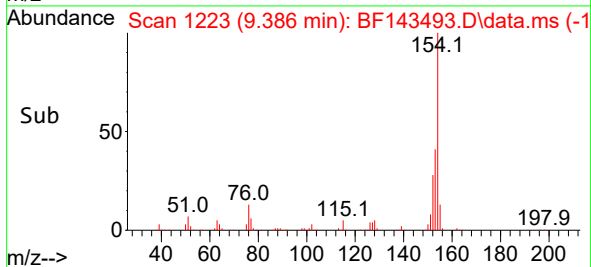
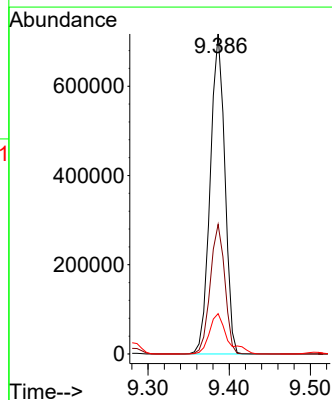
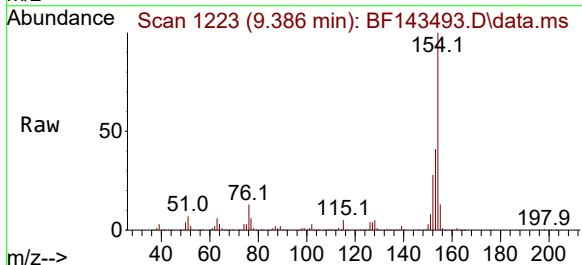
Tgt Ion:154 Resp: 895367

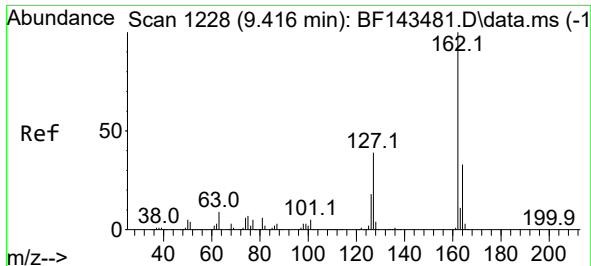
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 12.6 0.0 33.0



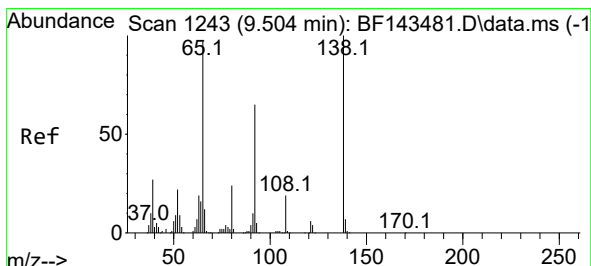
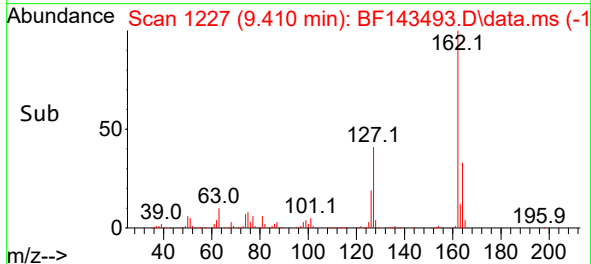
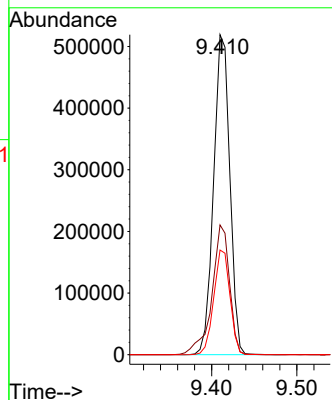
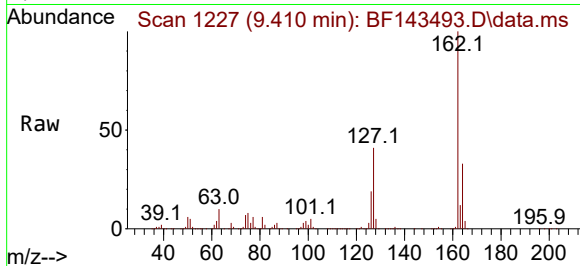


#47
 2-Chloronaphthalene
 Concen: 44.568 ng
 RT: 9.410 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

Tgt Ion: 162 Resp: 687593

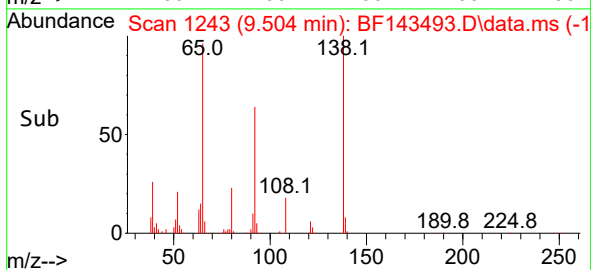
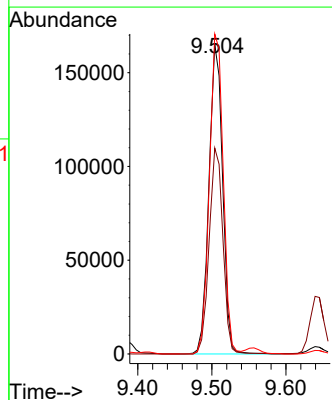
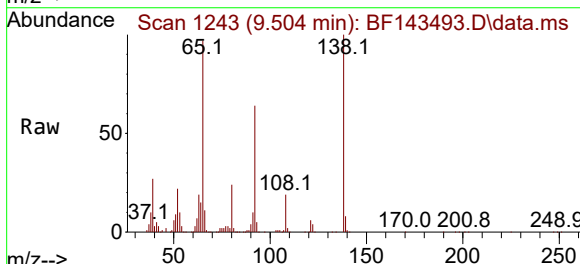
Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.8	47.6
164	32.7	26.4	39.6

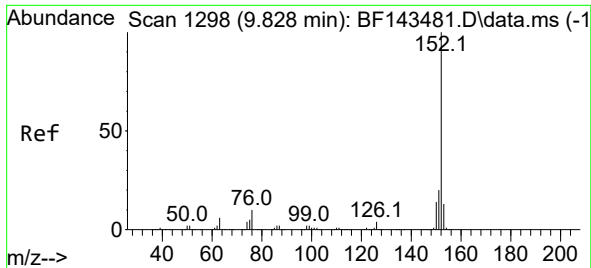


#48
 2-Nitroaniline
 Concen: 47.051 ng
 RT: 9.504 min Scan# 1243
 Delta R.T. -0.006 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

Tgt Ion: 65 Resp: 212444

Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.8	80.6
138	103.4	82.4	123.6





#49

Acenaphthylene

Concen: 50.467 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

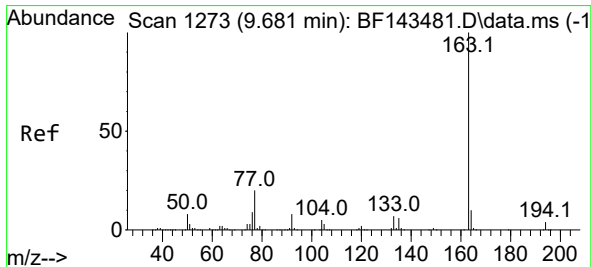
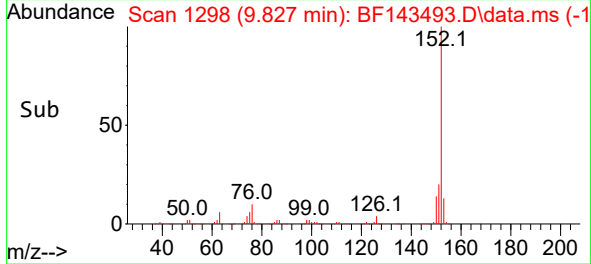
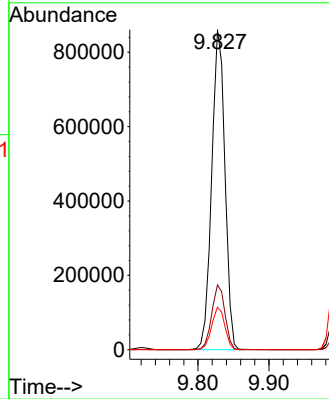
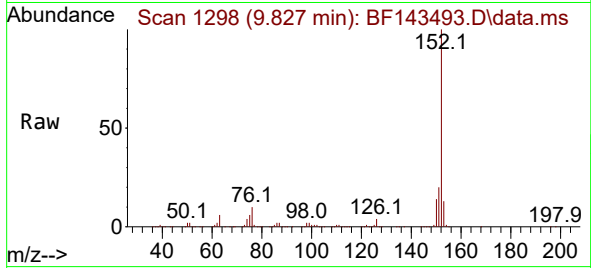
Tgt Ion:152 Resp: 1114849

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 46.714 ng

RT: 9.686 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

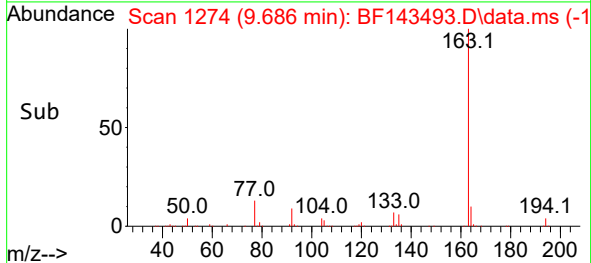
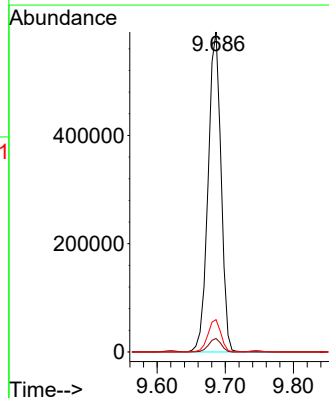
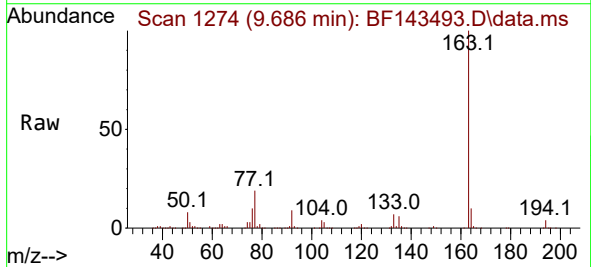
Tgt Ion:163 Resp: 779416

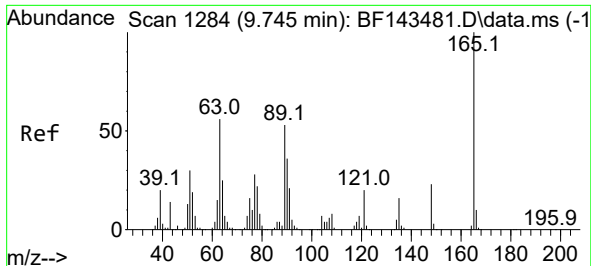
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.2 12.2

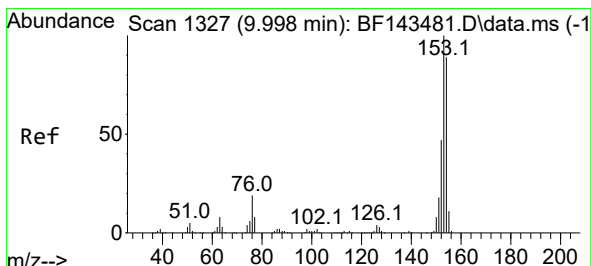
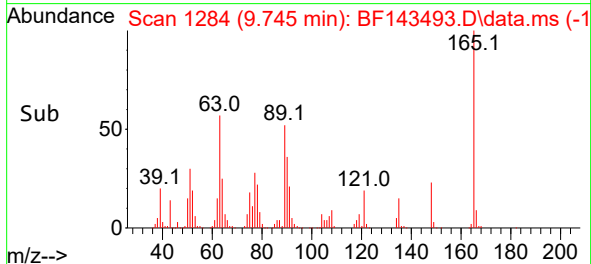
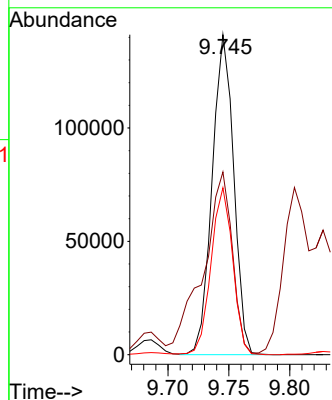
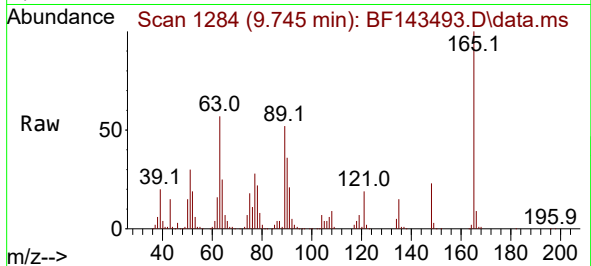




#51
2,6-Dinitrotoluene
Concen: 50.095 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

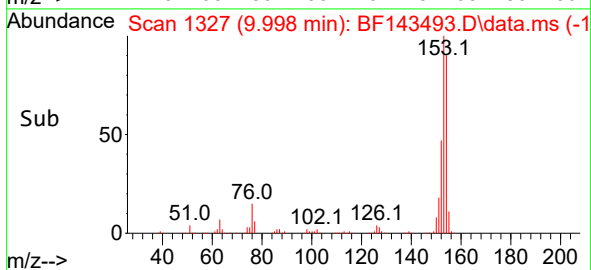
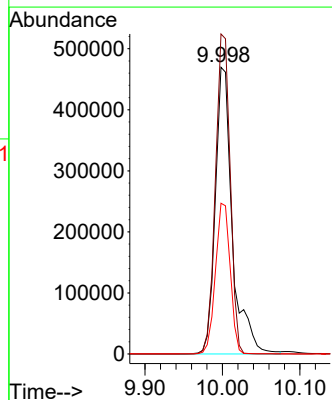
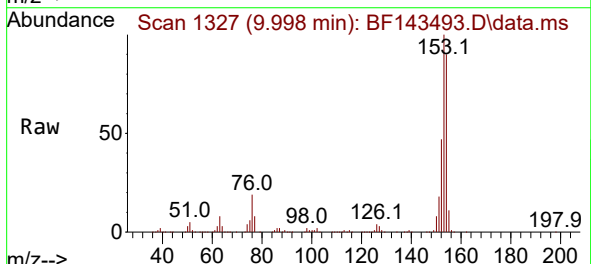
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

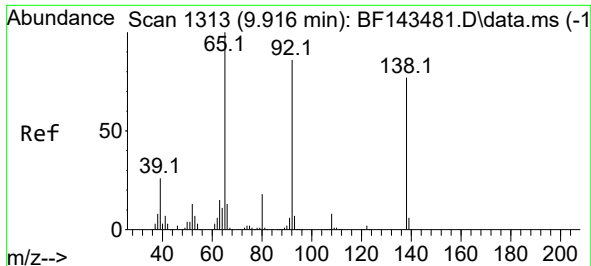
Tgt Ion:165 Resp: 173228
Ion Ratio Lower Upper
165 100
63 57.1 45.0 67.6
89 52.2 42.5 63.7



#52
Acenaphthene
Concen: 47.906 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:154 Resp: 718537
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 52.5 42.5 63.7

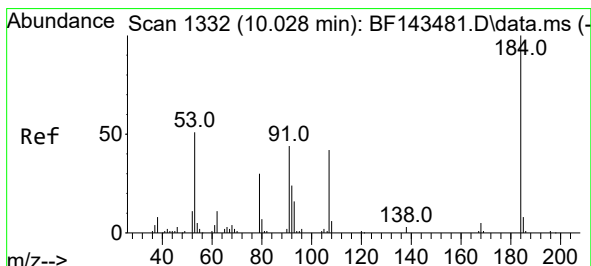
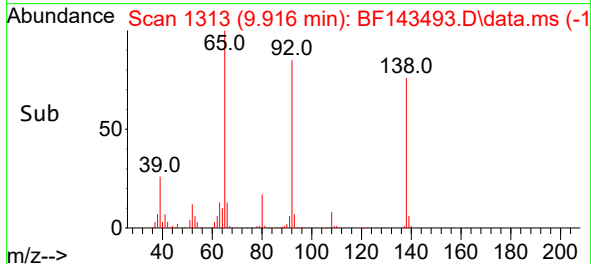
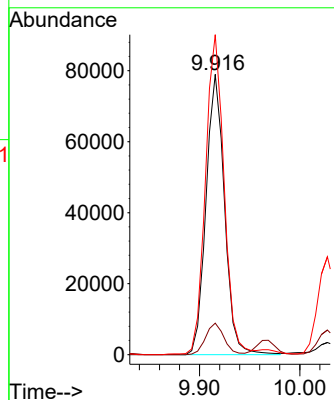
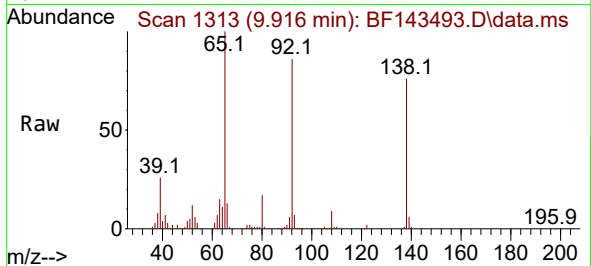




#53
3-Nitroaniline
Concen: 27.208 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

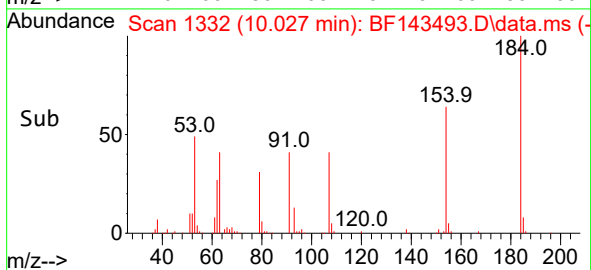
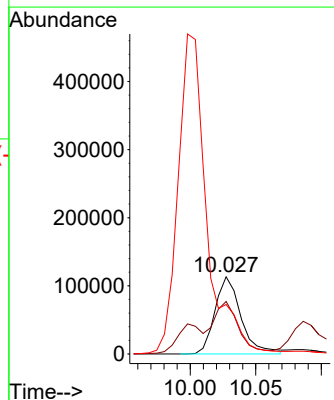
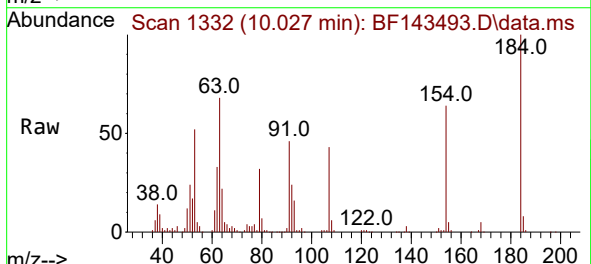
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

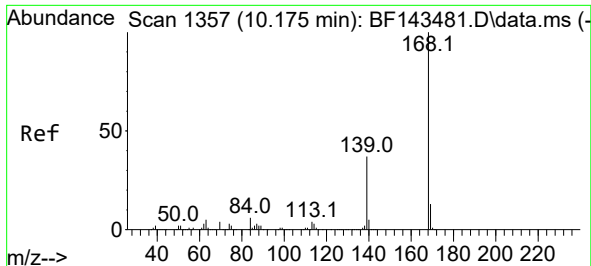
Tgt Ion:138 Resp: 101665
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 114.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 84.233 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:184 Resp: 156325
Ion Ratio Lower Upper
184 100
63 67.9 52.6 78.8
154 64.1 51.0 76.4

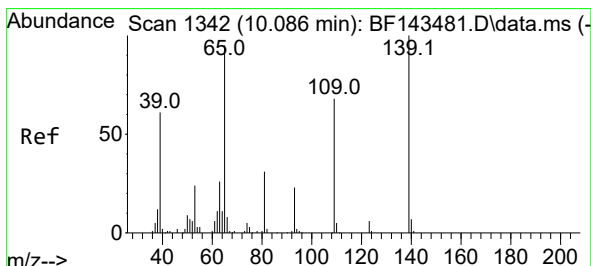
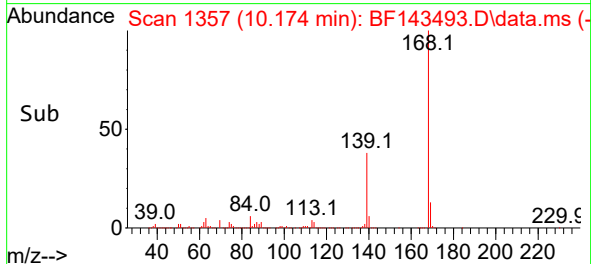
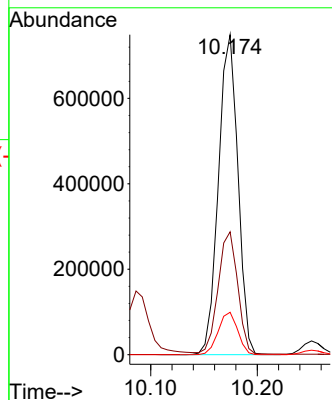
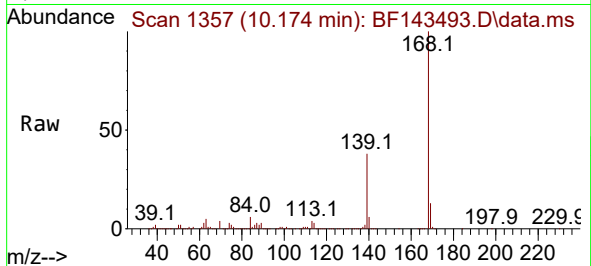




#55
Dibenzofuran
Concen: 44.388 ng
RT: 10.174 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

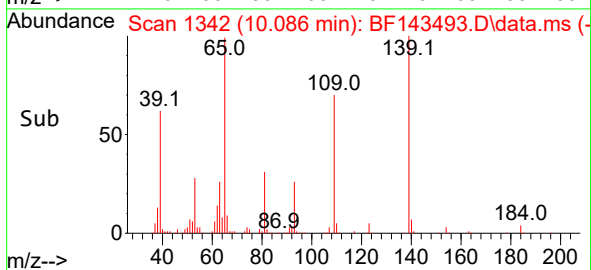
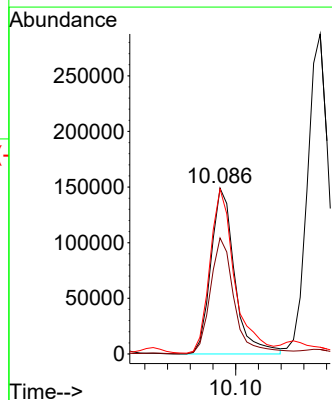
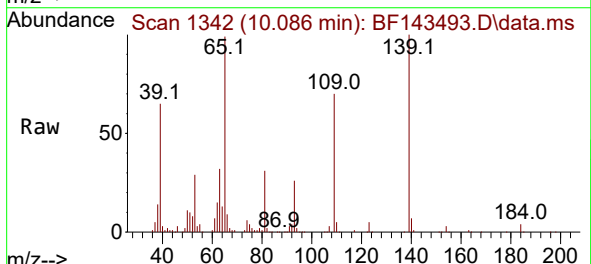
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

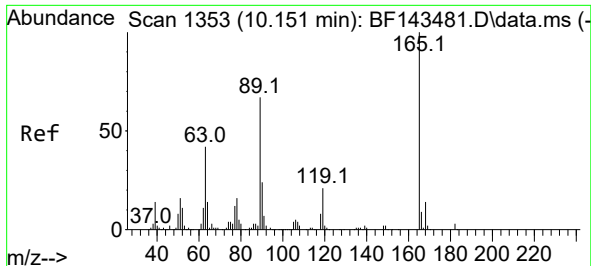
Tgt Ion:168 Resp: 949188
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 97.261 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:139 Resp: 216240
Ion Ratio Lower Upper
139 100
109 69.9 48.2 88.2
65 99.5 75.8 115.8

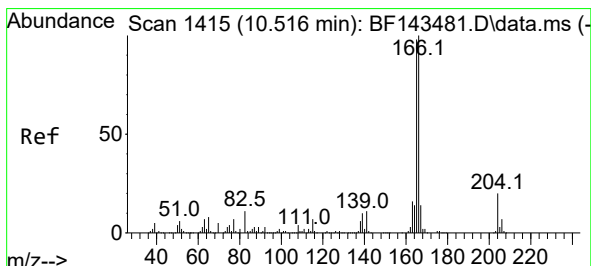
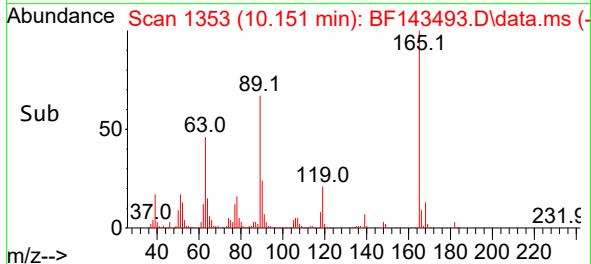
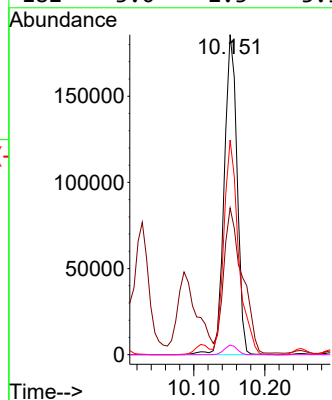
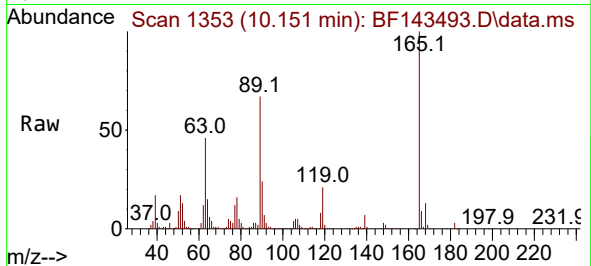




#57
2,4-Dinitrotoluene
Concen: 50.442 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

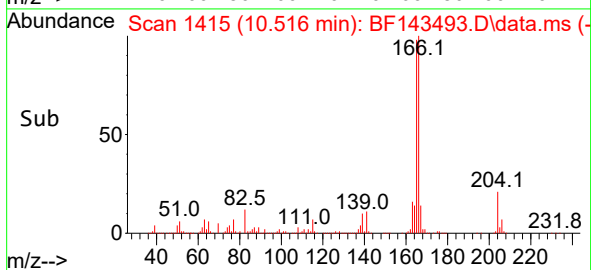
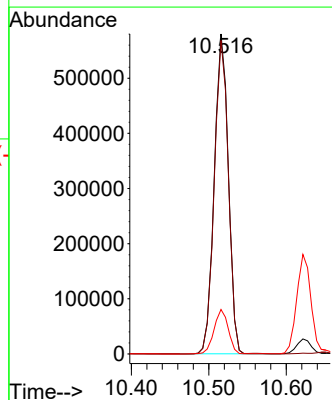
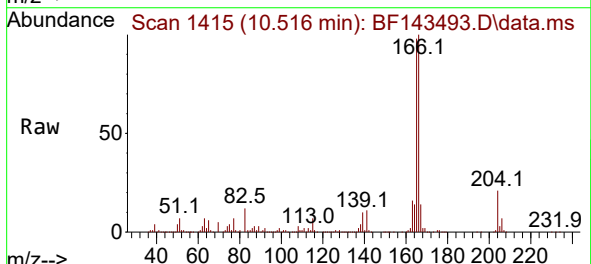
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

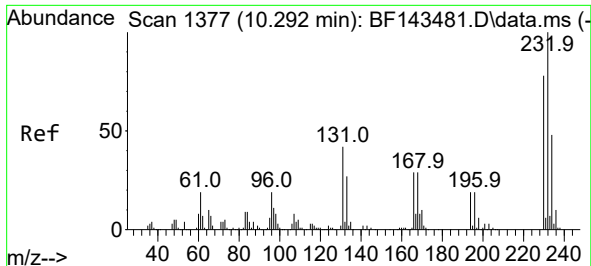
Tgt Ion:165 Resp: 232906
Ion Ratio Lower Upper
165 100
63 45.8 34.9 52.3
89 67.0 53.3 79.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 44.504 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:166 Resp: 732448
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.9 11.0 16.4

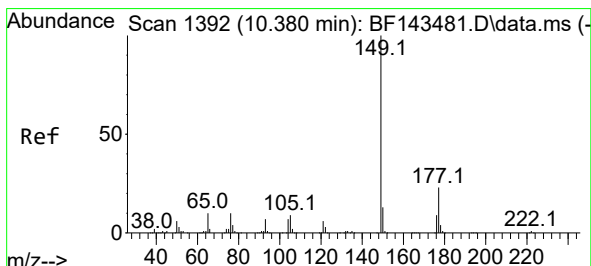
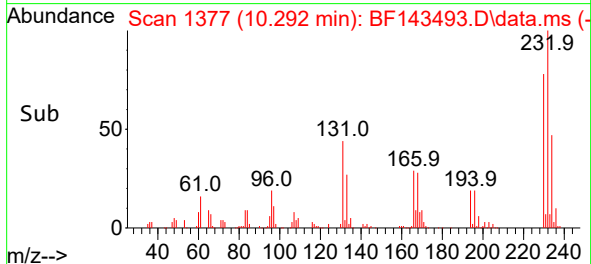
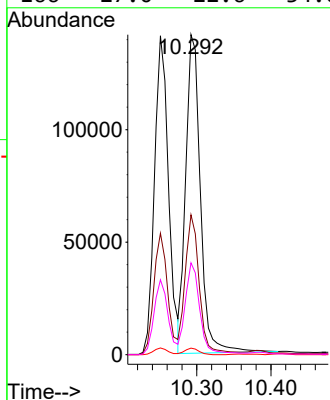
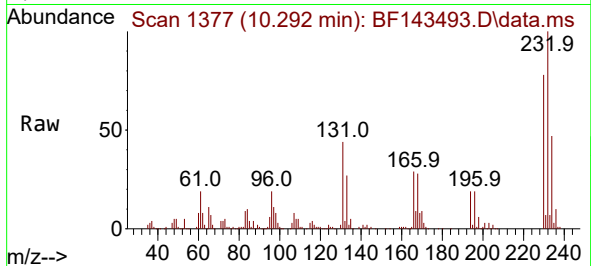




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.317 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

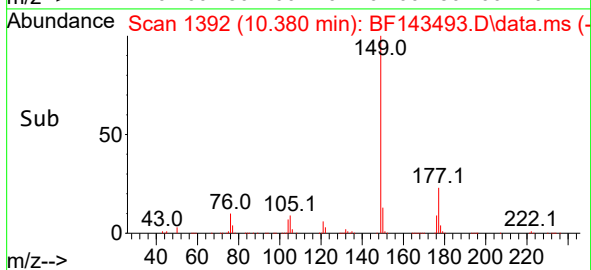
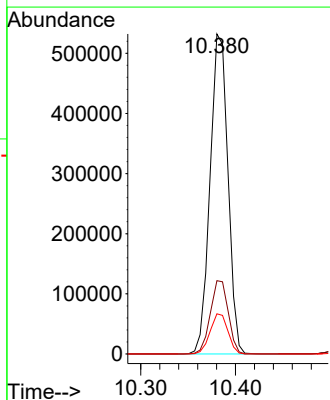
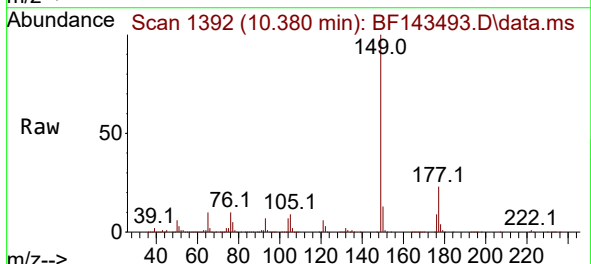
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

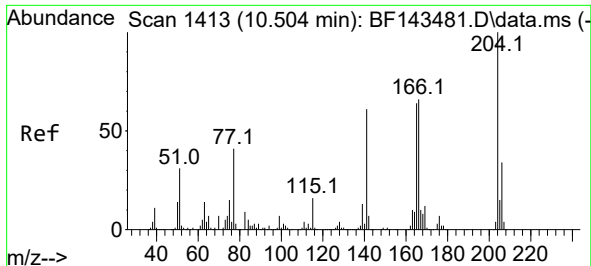
Tgt Ion:232 Resp: 195144
Ion Ratio Lower Upper
232 100
131 42.2 32.7 49.1
130 1.9 1.6 2.4
166 27.0 22.6 34.0



#60
Diethylphthalate
Concen: 46.561 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:149 Resp: 696514
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.6 10.3 15.5

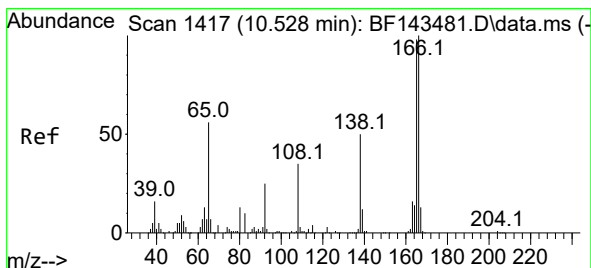
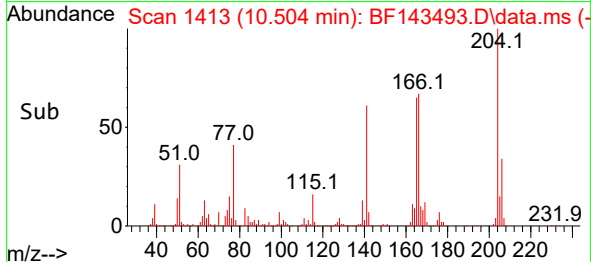
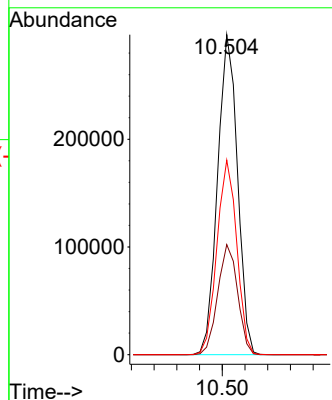
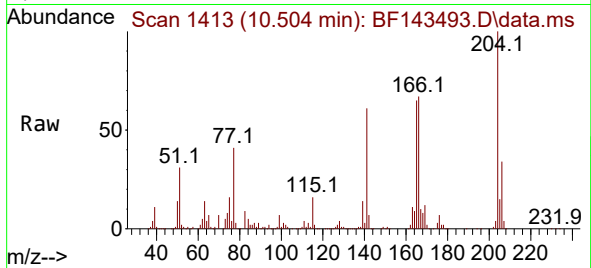




#61
4-Chlorophenyl-phenylether
Concen: 44.019 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

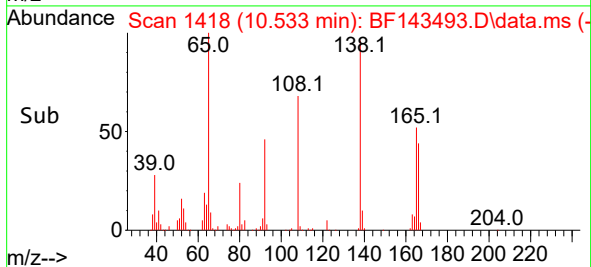
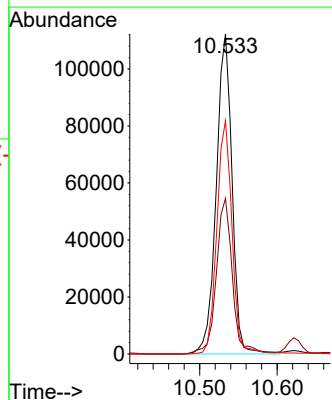
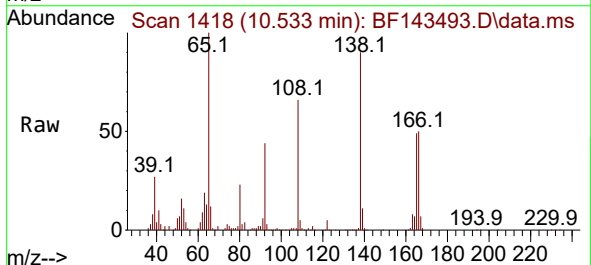
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

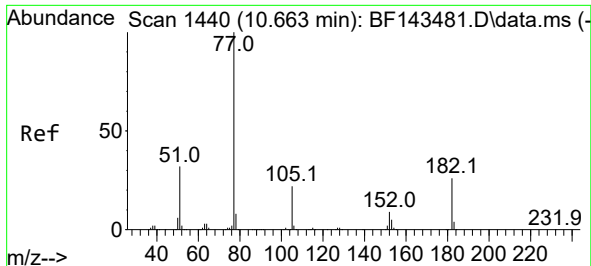
Tgt Ion:204 Resp: 362319
Ion Ratio Lower Upper
204 100
206 34.4 27.0 40.4
141 60.8 48.7 73.1



#62
4-Nitroaniline
Concen: 46.374 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:138 Resp: 159164
Ion Ratio Lower Upper
138 100
92 48.6 29.3 69.3
108 72.9 50.7 90.7

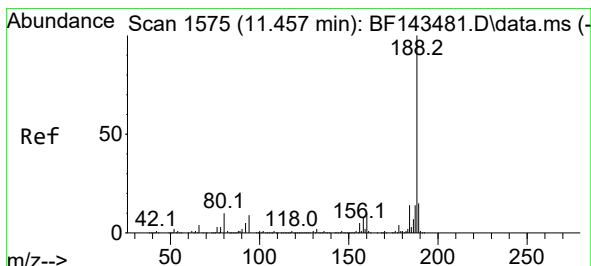
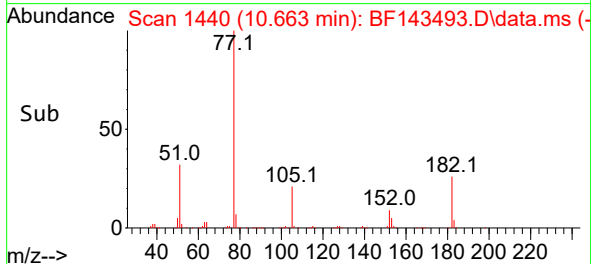
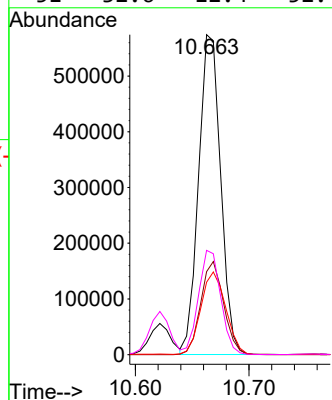
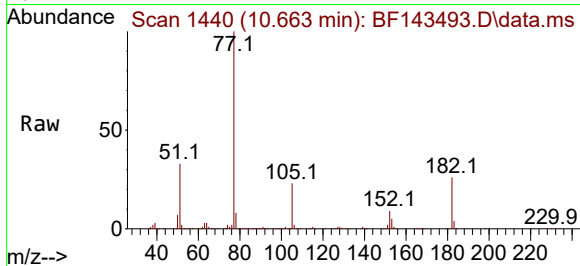




#63
Azobenzene
Concen: 49.874 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

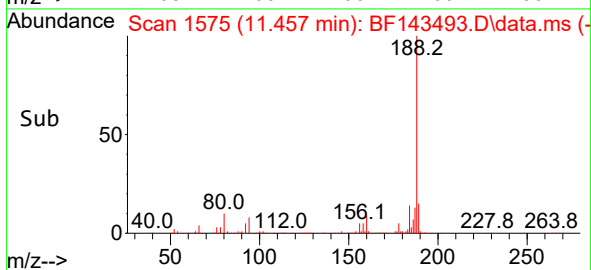
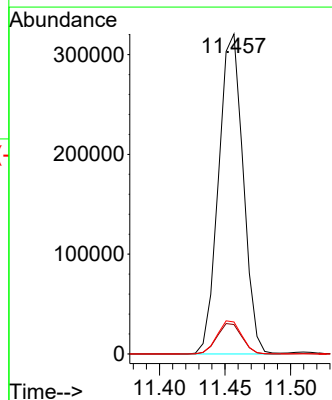
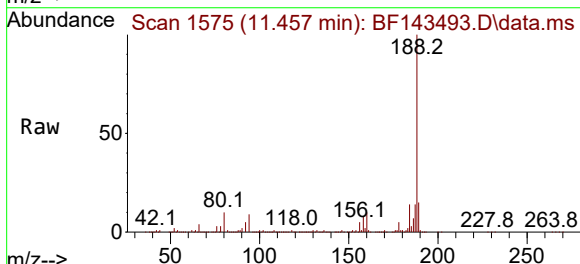
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

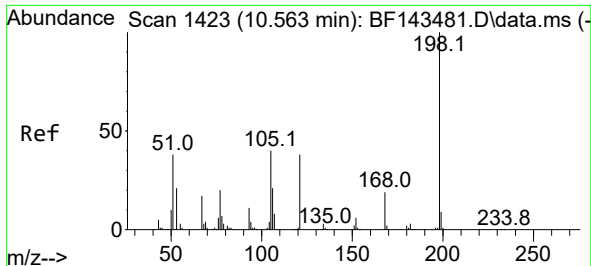
Tgt Ion:	77	Resp:	773579
Ion	Ratio	Lower	Upper
77	100		
182	25.9	6.2	46.2
105	22.6	2.2	42.2
51	32.6	12.4	52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:	188	Resp:	417503
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.0	8.2	12.4

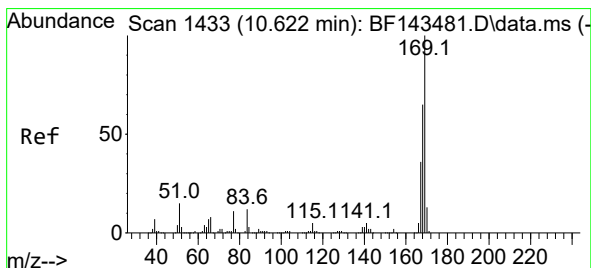
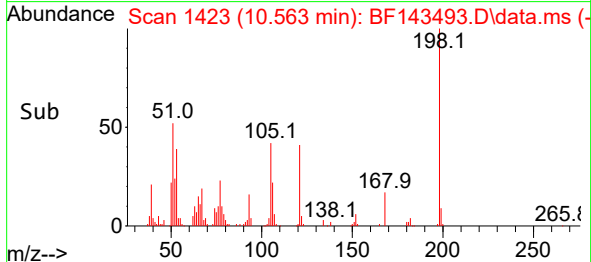
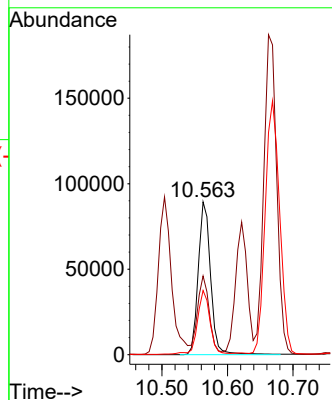
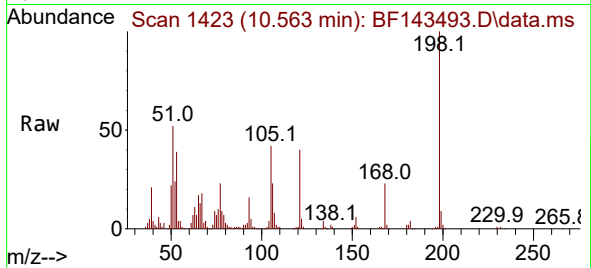




#65
4,6-Dinitro-2-methylphenol
Concen: 49.996 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

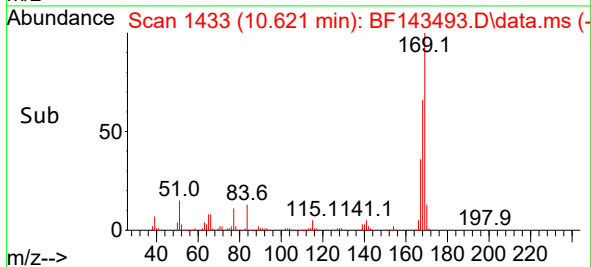
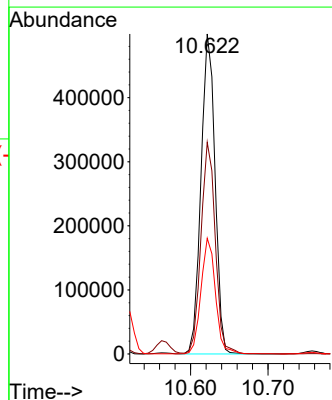
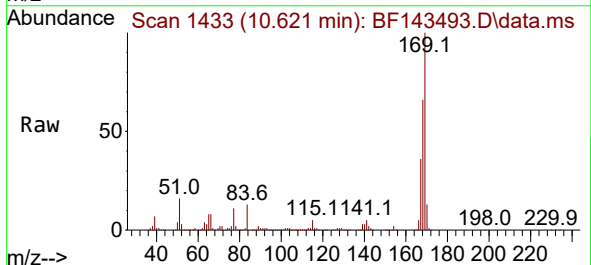
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

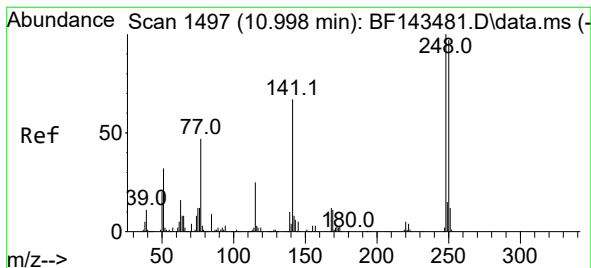
Tgt Ion:198 Resp: 117693
Ion Ratio Lower Upper
198 100
51 51.5 29.6 69.6
105 42.0 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 46.763 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:169 Resp: 628313
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 36.1 28.9 43.3

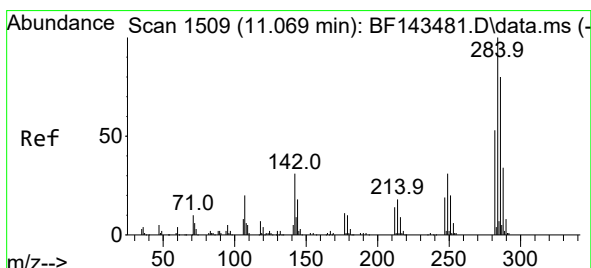
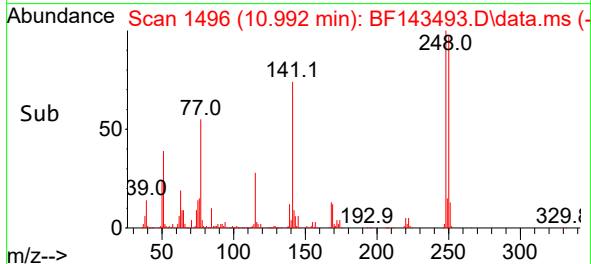
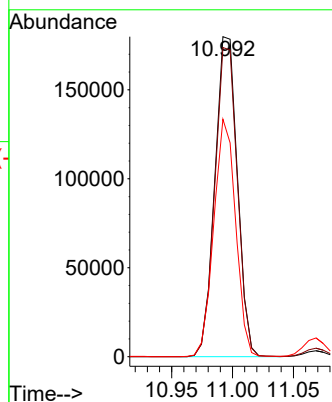
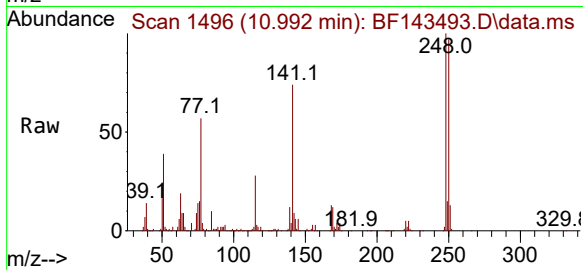




#67
4-Bromophenyl-phenylether
Concen: 46.598 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

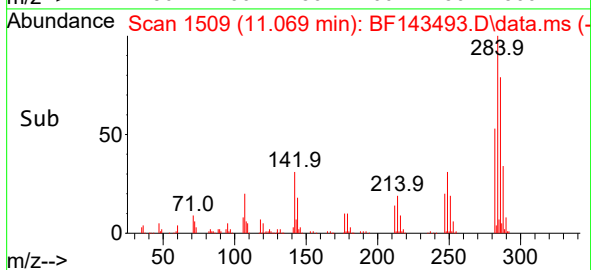
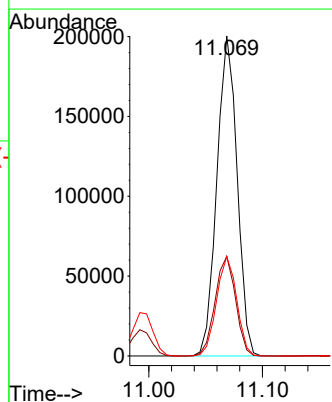
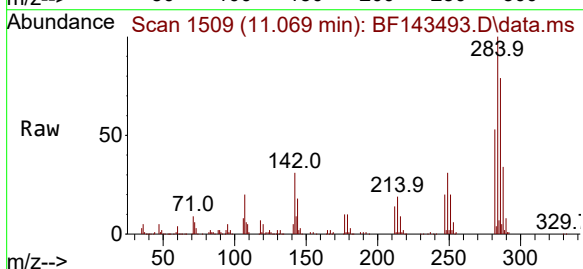
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

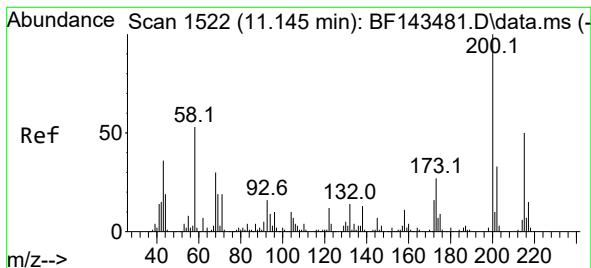
Tgt Ion:248 Resp: 232125
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.8
141 74.2 54.0 81.0



#68
Hexachlorobenzene
Concen: 46.223 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:284 Resp: 248200
Ion Ratio Lower Upper
284 100
142 31.2 24.4 36.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 50.420 ng

RT: 11.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

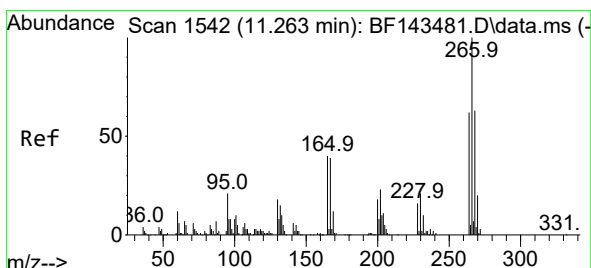
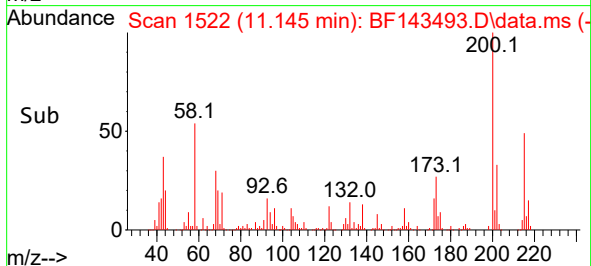
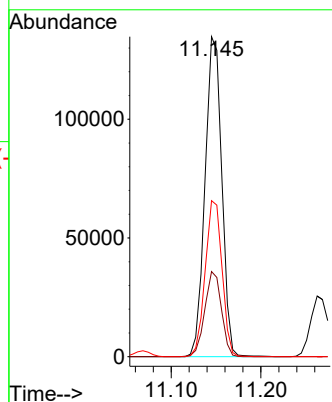
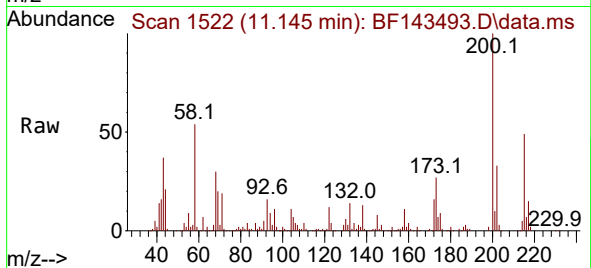
Tgt Ion:200 Resp: 174874

Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

215 48.8 30.0 70.0



#70

Pentachlorophenol

Concen: 96.284 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

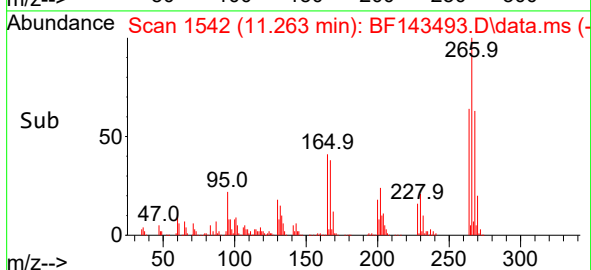
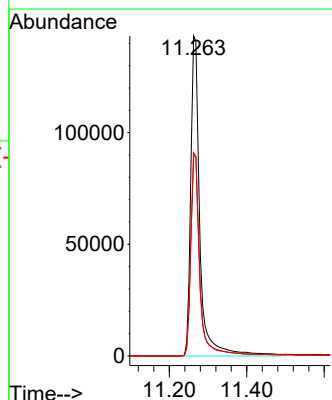
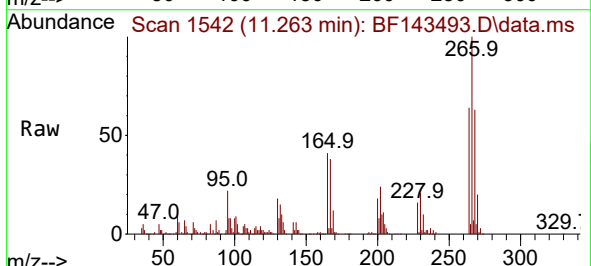
Tgt Ion:266 Resp: 236783

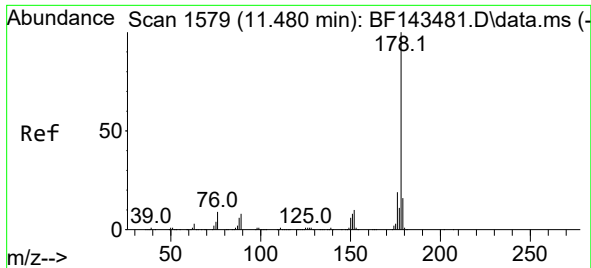
Ion Ratio Lower Upper

266 100

268 62.7 50.5 75.7

264 63.5 49.8 74.8

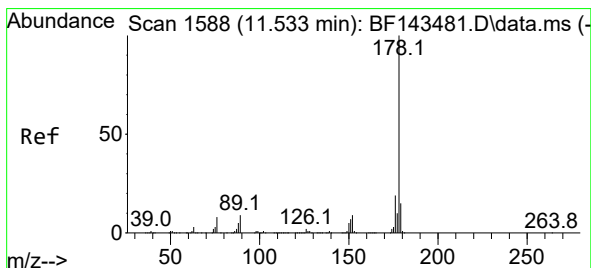
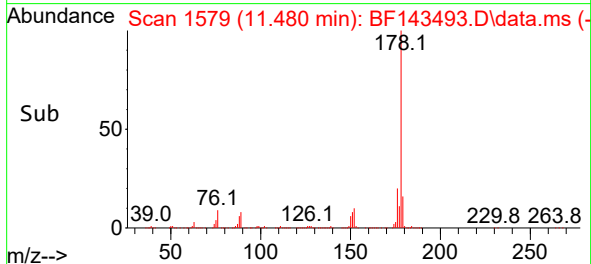
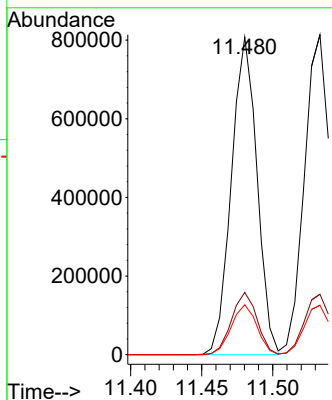
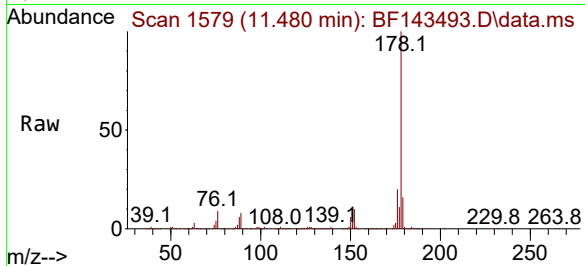




#71
Phenanthrene
Concen: 45.292 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

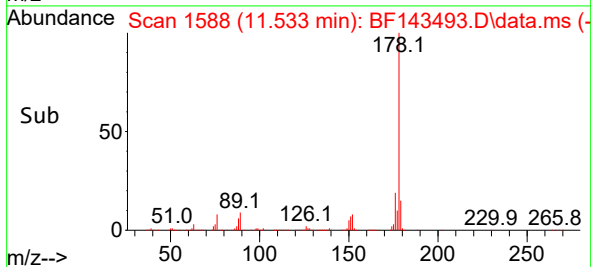
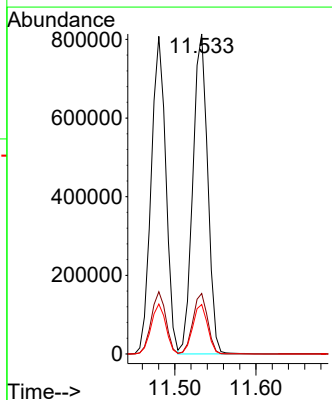
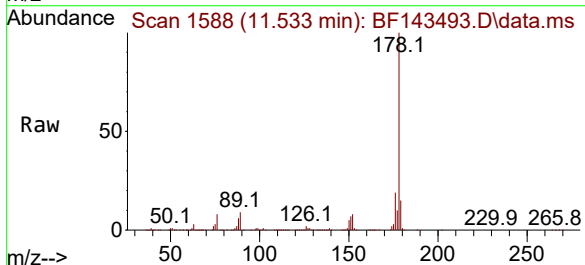
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

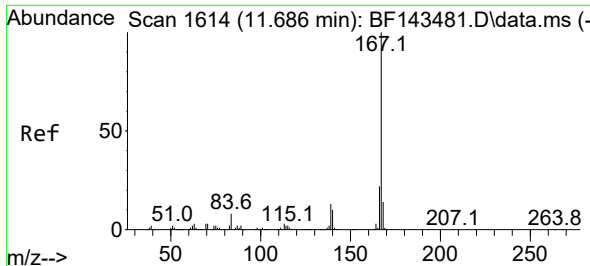
Tgt Ion:178 Resp: 1012630
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 45.711 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:178 Resp: 1035343
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.3 18.5

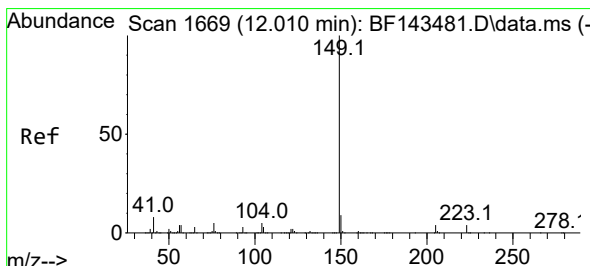
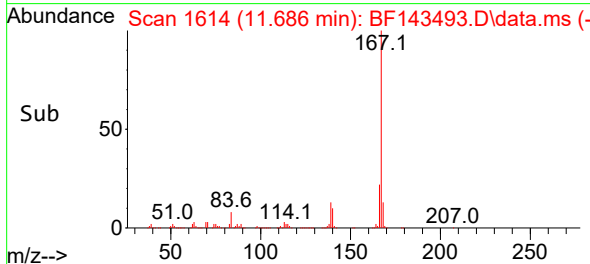
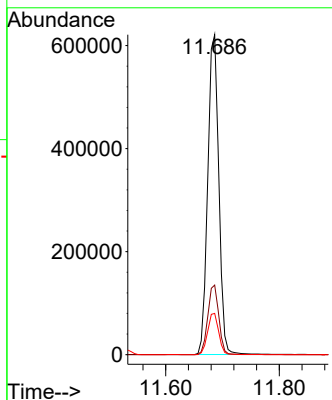
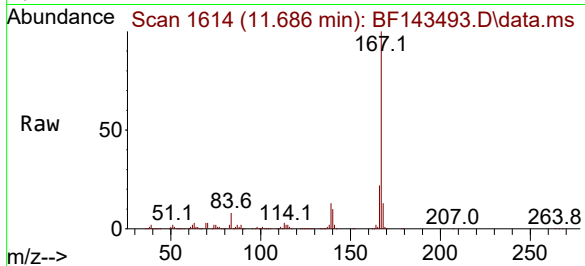




#73
 Carbazole
 Concen: 44.900 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

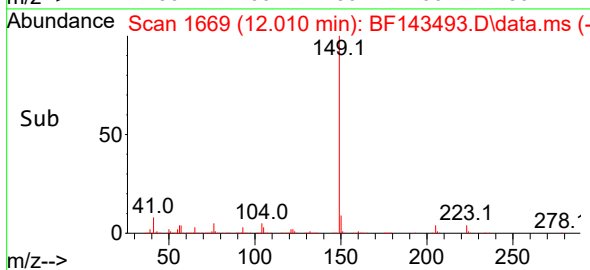
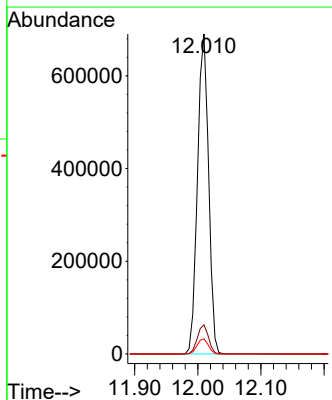
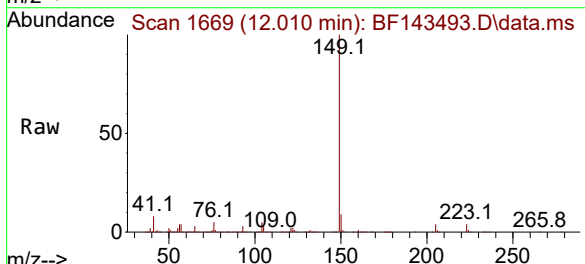
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

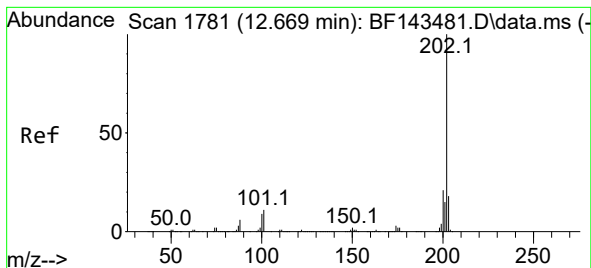
Tgt Ion:167 Resp: 833286
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 48.689 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143493.D
 Acq: 20 Aug 2025 19:10

Tgt Ion:149 Resp: 842966
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 44.006 ng

RT: 12.668 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

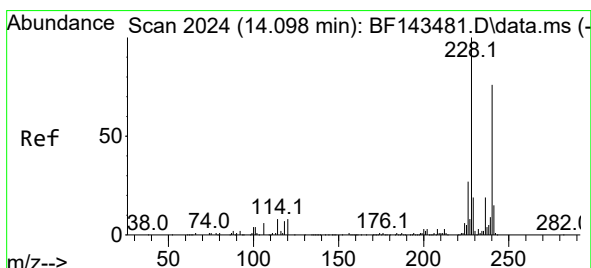
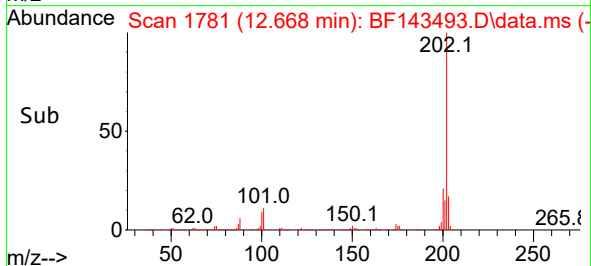
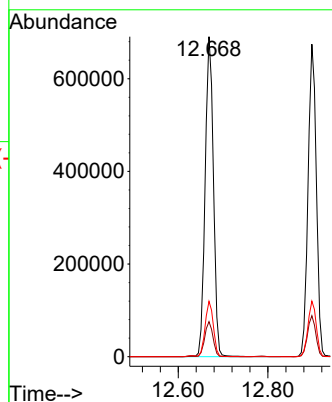
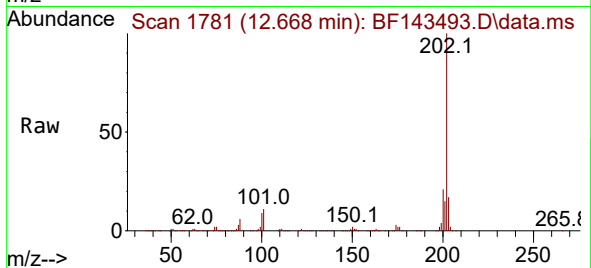
Tgt Ion:202 Resp: 882837

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

203 17.3 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: BF143493.D

Acq: 20 Aug 2025 19:10

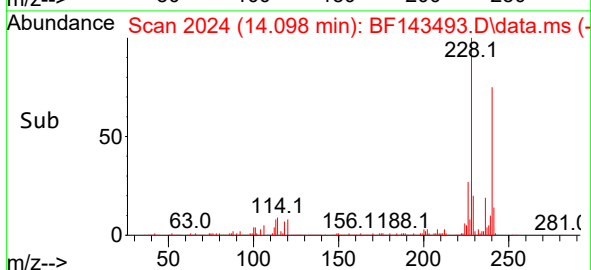
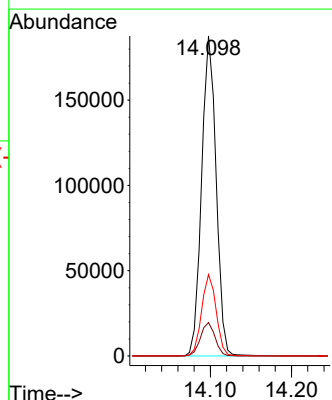
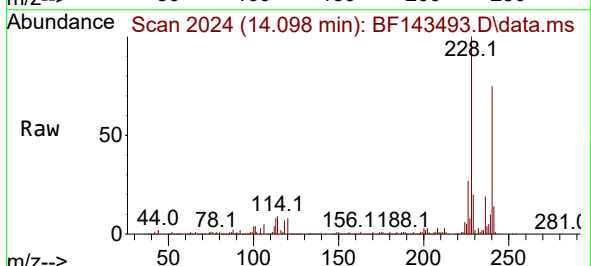
Tgt Ion:240 Resp: 232839

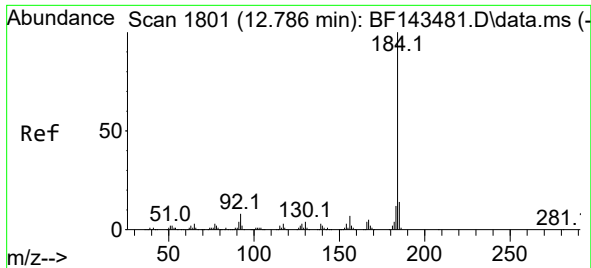
Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.4 20.4 30.6

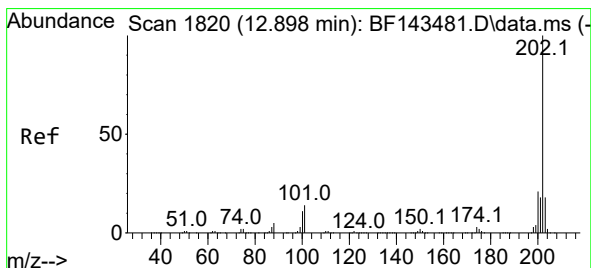
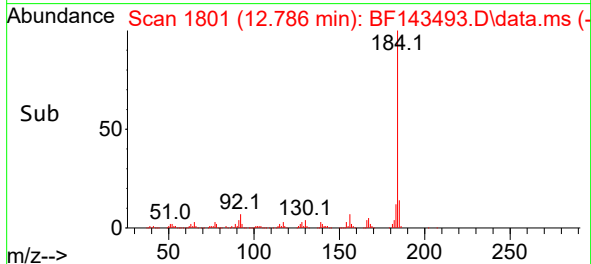
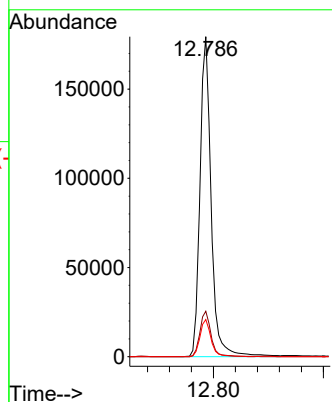
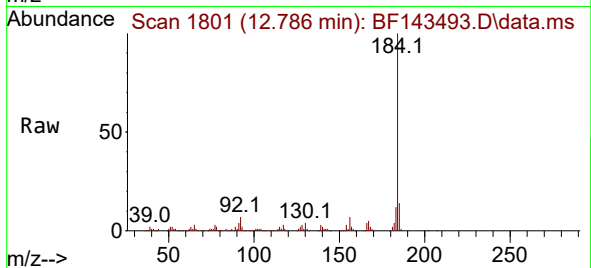




#77
Benzidine
Concen: 44.669 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

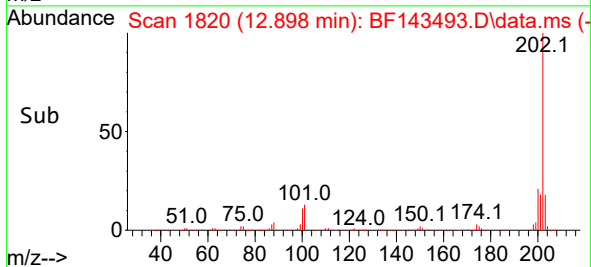
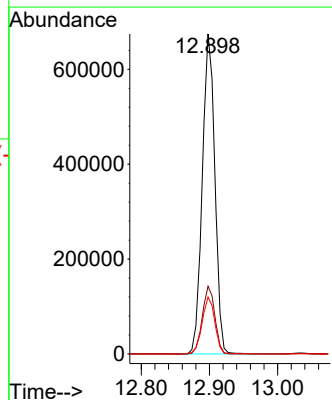
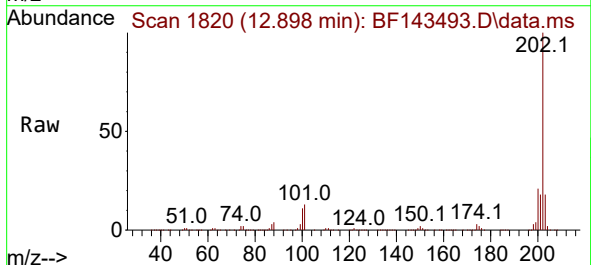
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

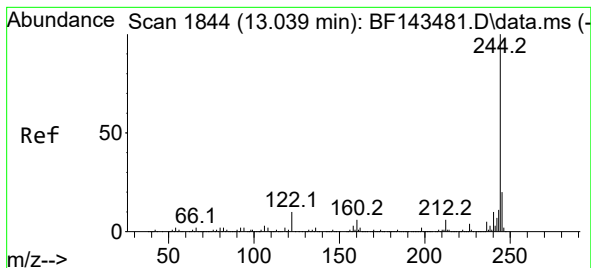
Tgt Ion:184 Resp: 253347
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.6 9.5 14.3



#78
Pyrene
Concen: 45.021 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:202 Resp: 862281
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 59.925 ng

RT: 13.033 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

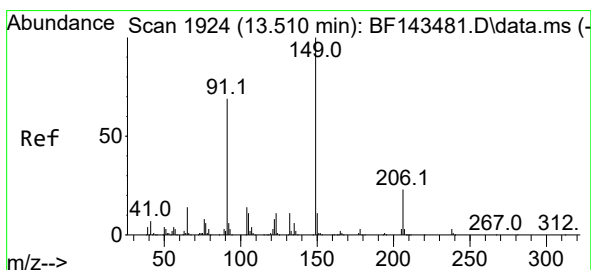
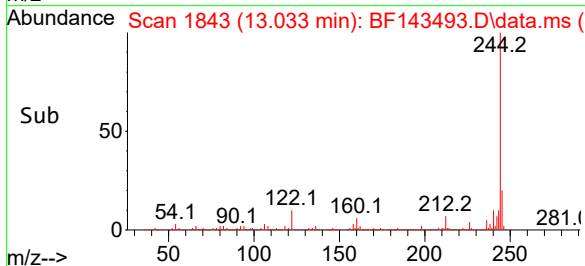
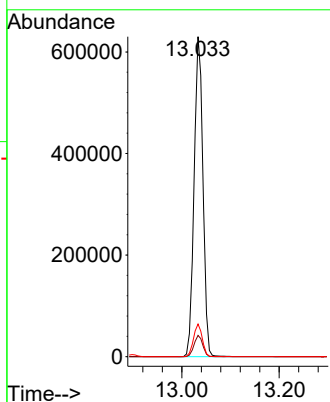
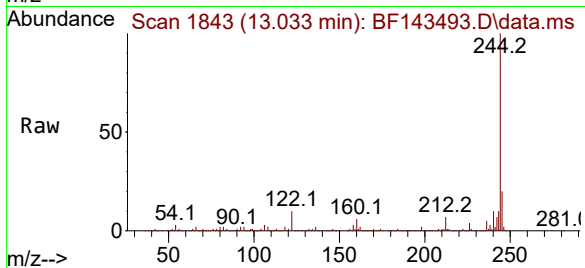
Tgt Ion:244 Resp: 799572

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.2 7.9 11.9



#80

Butylbenzylphthalate

Concen: 50.240 ng

RT: 13.510 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

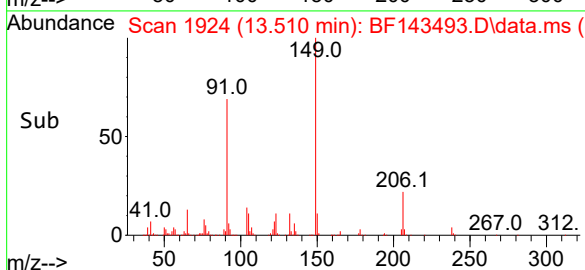
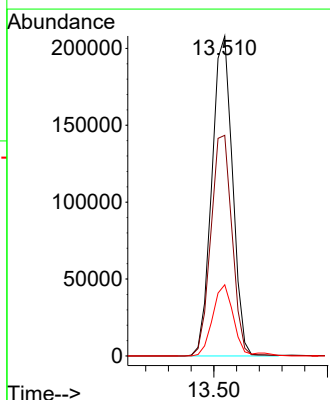
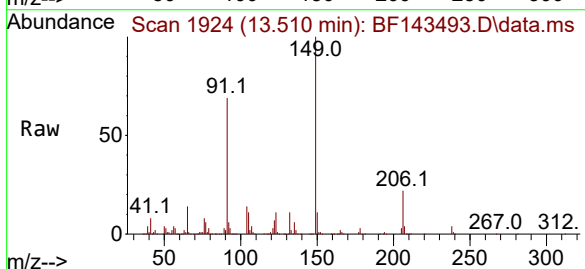
Tgt Ion:149 Resp: 262867

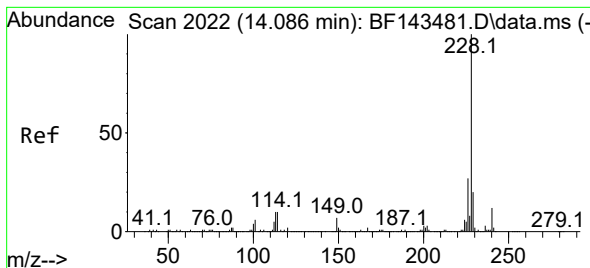
Ion Ratio Lower Upper

149 100

91 69.0 55.3 82.9

206 22.2 18.2 27.4





#81

Benzo(a)anthracene

Concen: 44.930 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

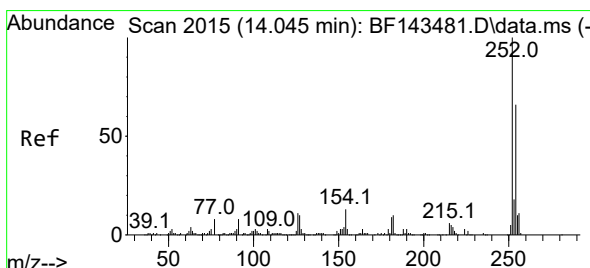
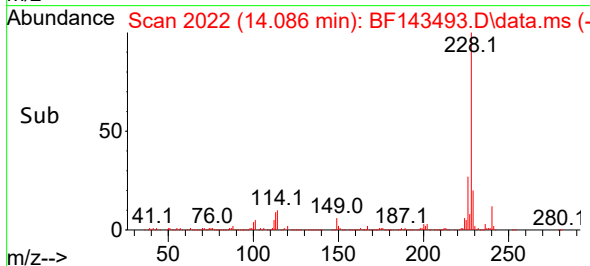
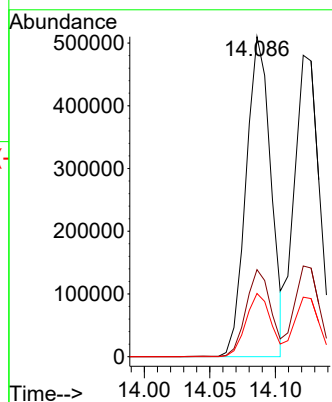
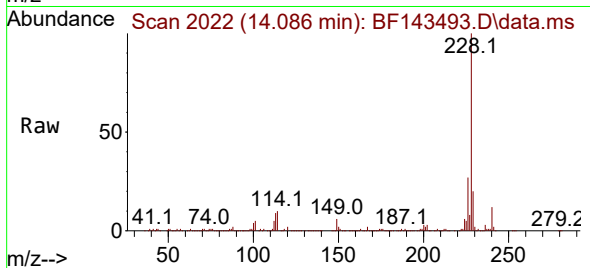
Tgt Ion:228 Resp: 673510

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 20.841 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

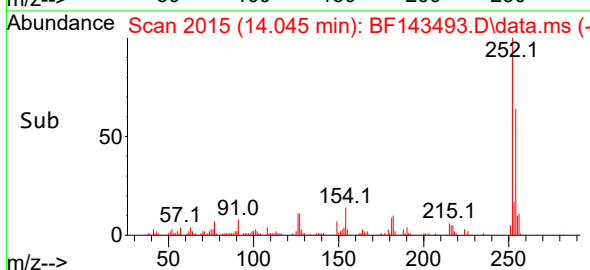
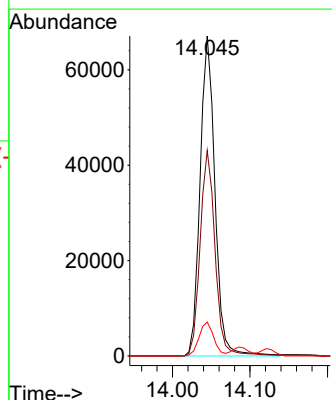
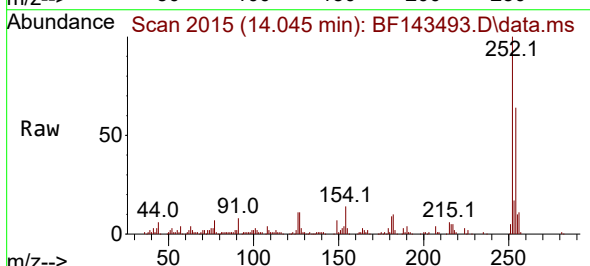
Tgt Ion:252 Resp: 89469

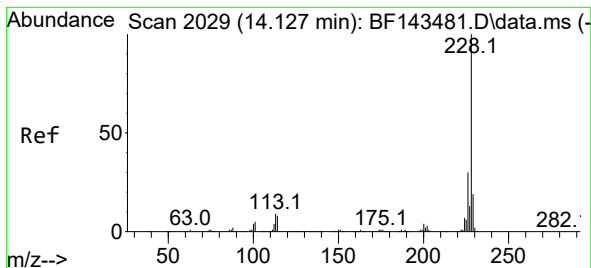
Ion Ratio Lower Upper

252 100

254 64.2 52.6 79.0

126 10.6 8.7 13.1





#83

Chrysene

Concen: 47.195 ng

RT: 14.121 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

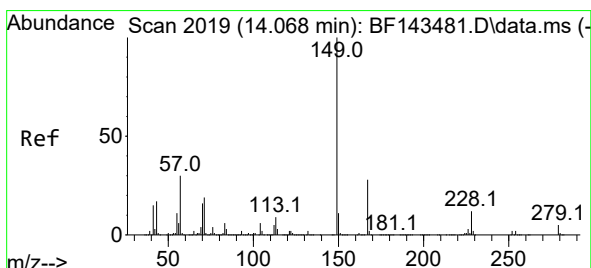
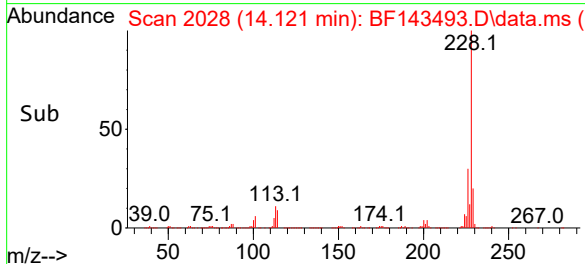
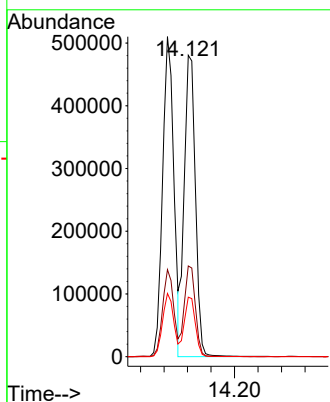
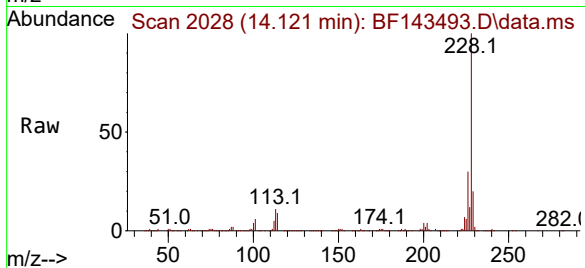
Tgt Ion:228 Resp: 635776

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.089 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

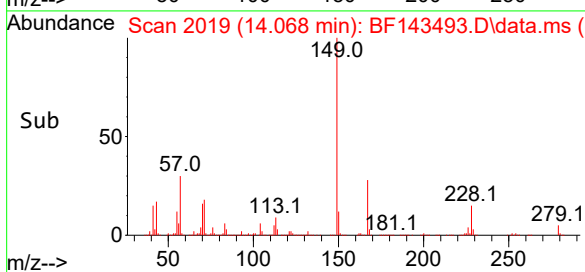
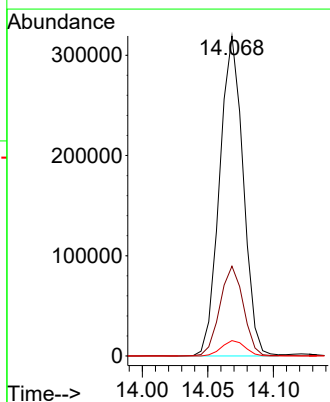
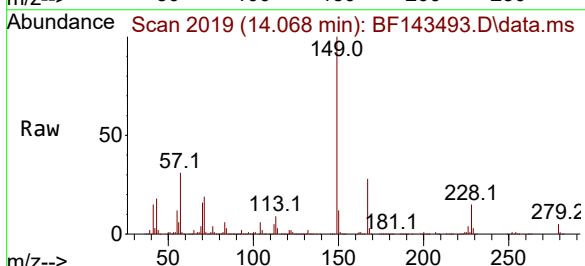
Tgt Ion:149 Resp: 399157

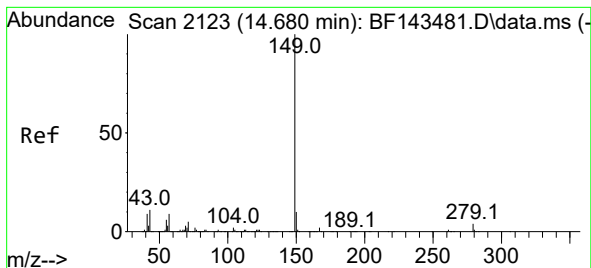
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.964 ng

RT: 14.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

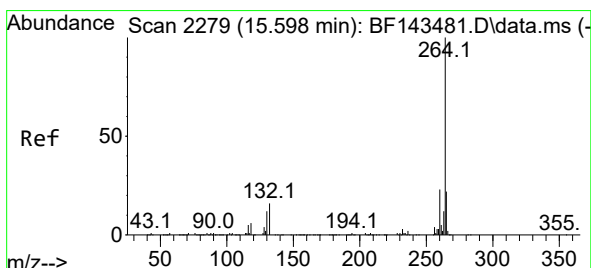
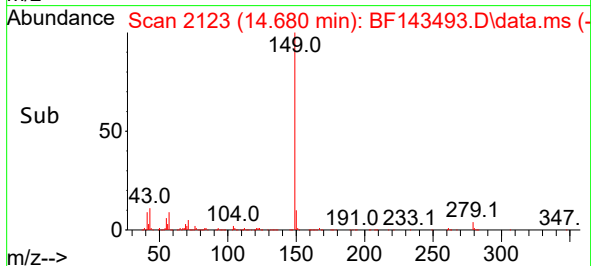
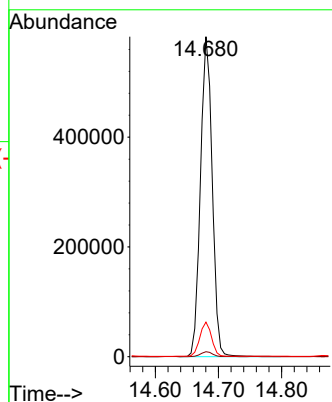
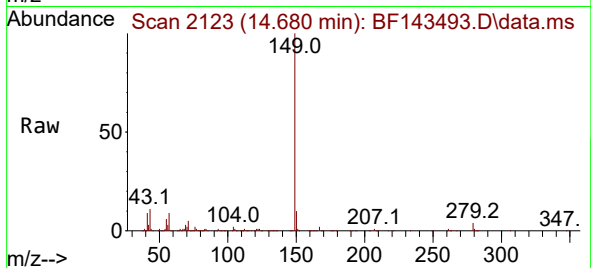
Tgt Ion:149 Resp: 752375

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 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: BF143493.D

Acq: 20 Aug 2025 19:10

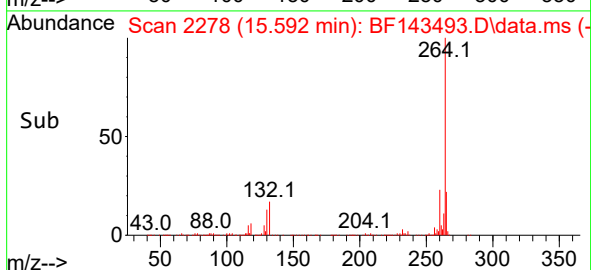
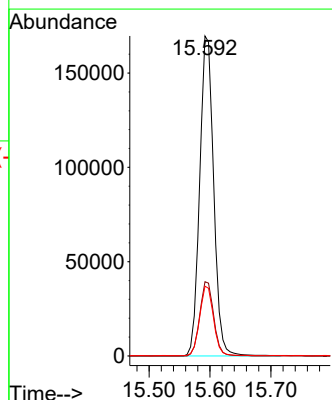
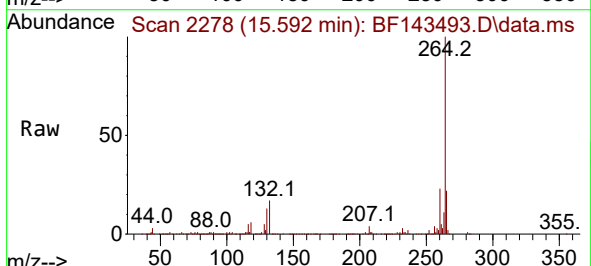
Tgt Ion:264 Resp: 271037

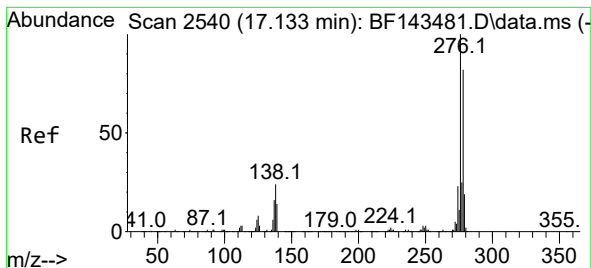
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.234 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

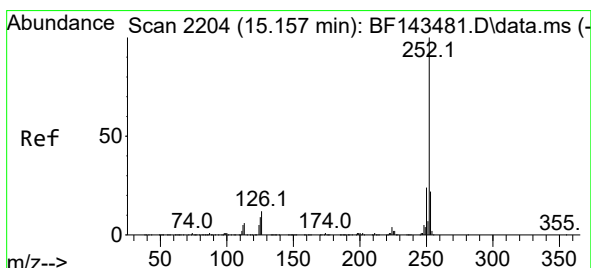
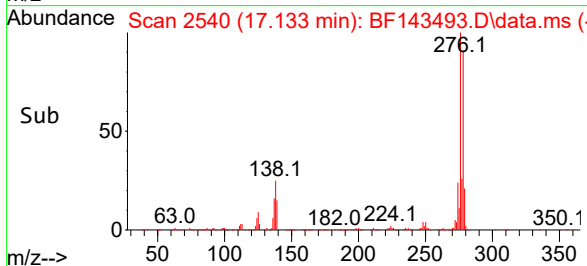
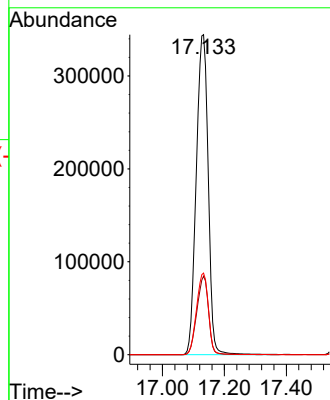
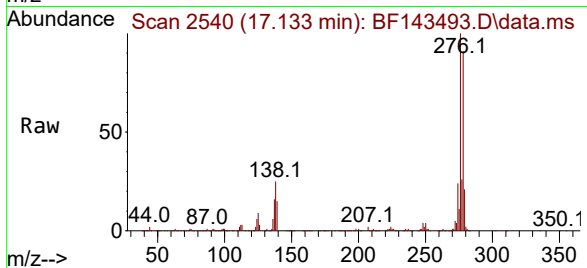
Tgt Ion:276 Resp: 919952

Ion Ratio Lower Upper

276 100

138 23.9 19.2 28.8

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.907 ng

RT: 15.156 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

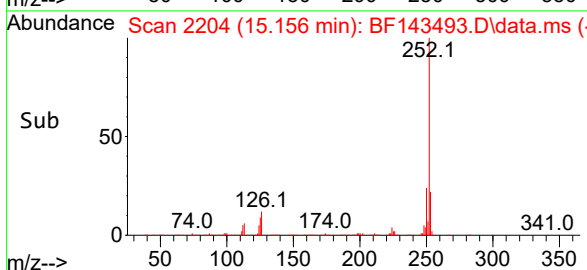
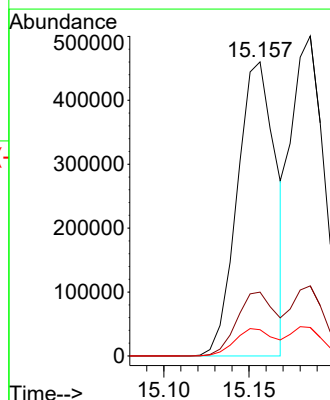
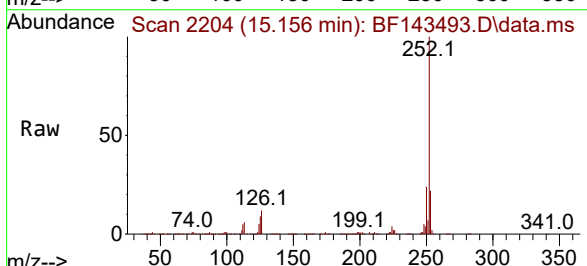
Tgt Ion:252 Resp: 721765

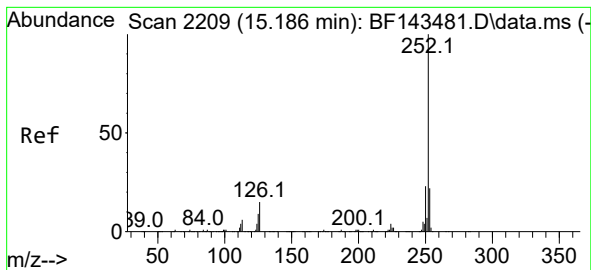
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.355 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMSD

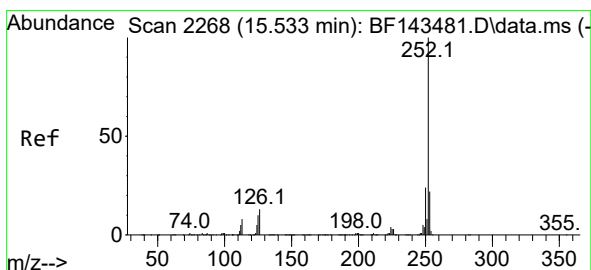
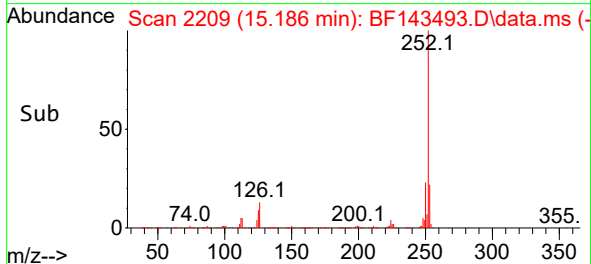
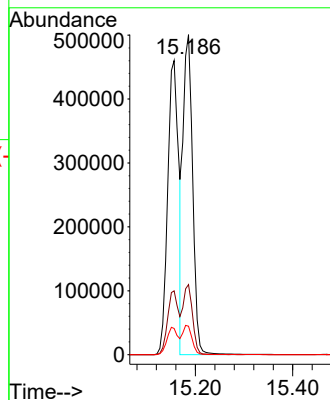
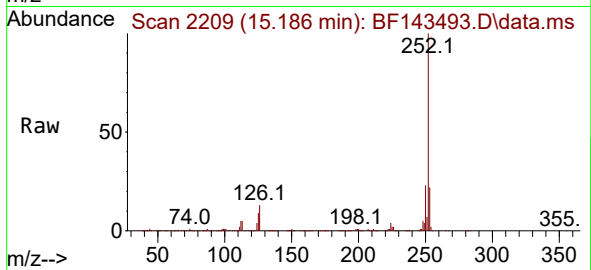
Tgt Ion:252 Resp: 683101

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.087 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143493.D

Acq: 20 Aug 2025 19:10

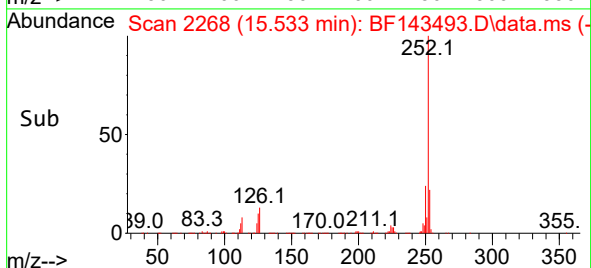
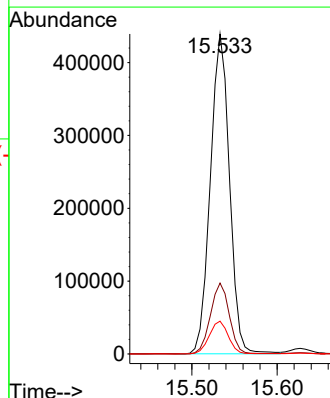
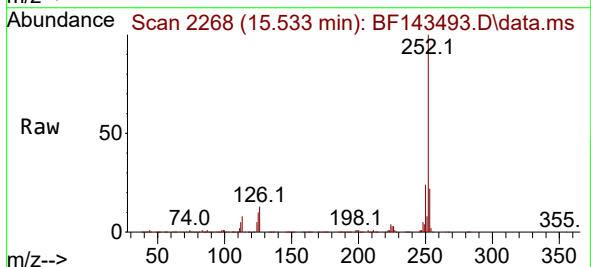
Tgt Ion:252 Resp: 686454

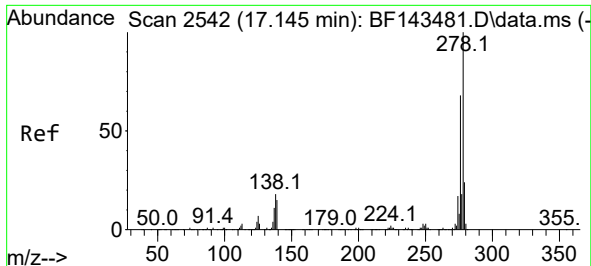
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.2 8.2 12.2

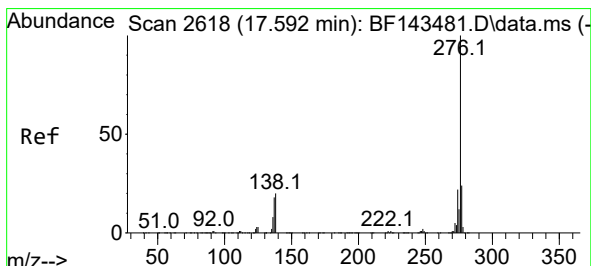
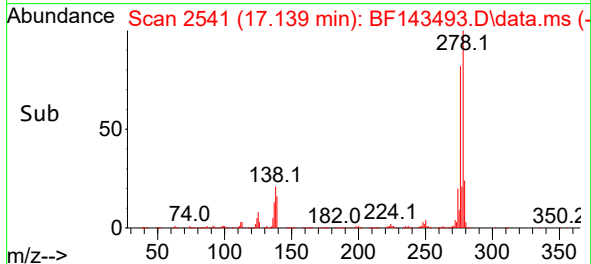
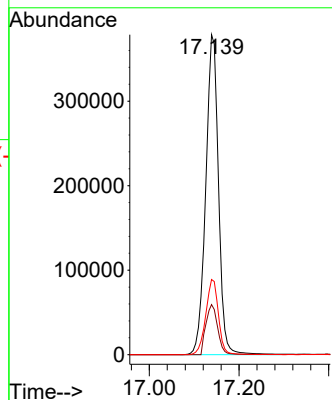
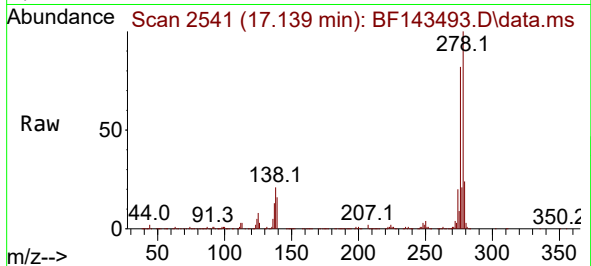




#91
Dibenzo(a,h)anthracene
Concen: 47.906 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMSD

Tgt Ion:278 Resp: 747266
Ion Ratio Lower Upper
278 100
139 15.6 12.1 18.1
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.575 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143493.D
Acq: 20 Aug 2025 19:10

Tgt Ion:276 Resp: 753417
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 20.6 16.3 24.5

