

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143492.D
 Acq On : 20 Aug 2025 18:41
 Operator : RC/JU
 Sample : Q2892-10MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 21 02:04:23 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	138486	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	530660	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	284361	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	443017	20.000	ng	0.00
76) Chrysene-d12	14.098	240	247894	20.000	ng	0.00
86) Perylene-d12	15.598	264	280470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	619739	78.142	ng	0.00
7) Phenol-d6	6.563	99	773341	78.991	ng	-0.01
23) Nitrobenzene-d5	7.487	82	503827	55.404	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	214430	81.009	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	994620	57.806	ng	0.00
79) Terphenyl-d14	13.033	244	849472	59.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	150504	40.965	ng	98
3) Pyridine	3.599	79	404586	41.346	ng	99
4) n-Nitrosodimethylamine	3.546	42	210739	47.906	ng	98
6) Aniline	6.587	93	432309	33.036	ng	# 73
8) 2-Chlorophenol	6.716	128	395486	45.148	ng	100
9) Benzaldehyde	6.475	77	210673	26.579	ng	98
10) Phenol	6.581	94	500901	44.412	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	378662	44.928	ng	99
12) 1,3-Dichlorobenzene	6.869	146	439111	44.615	ng	100
13) 1,4-Dichlorobenzene	6.945	146	448753	45.453	ng	100
14) 1,2-Dichlorobenzene	7.098	146	433301	46.354	ng	100
15) Benzyl Alcohol	7.069	79	348089	47.489	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	625876	46.417	ng	99
17) 2-Methylphenol	7.181	107	325616	46.314	ng	96
18) Hexachloroethane	7.440	117	152008	45.284	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	273893	45.771	ng	100
20) 3+4-Methylphenols	7.334	107	376603	44.872	ng	98
22) Acetophenone	7.334	105	521008	45.445	ng	99
24) Nitrobenzene	7.504	77	428108	45.741	ng	99
25) Isophorone	7.745	82	775775	46.538	ng	100
26) 2-Nitrophenol	7.822	139	216907	47.311	ng	97
27) 2,4-Dimethylphenol	7.863	122	346068	48.423	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468202	45.703	ng	100
29) 2,4-Dichlorophenol	8.069	162	344797	45.173	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	370927	47.266	ng	99
31) Naphthalene	8.234	128	1117420	43.860	ng	99
32) Benzoic acid	7.992	122	170930	42.800	ng	99
33) 4-Chloroaniline	8.275	127	158685	17.549	ng	99
34) Hexachlorobutadiene	8.351	225	228725	44.673	ng	99
35) Caprolactam	8.651	113	60198	32.867	ng	99
36) 4-Chloro-3-methylphenol	8.769	107	347113	45.379	ng	100
37) 2-Methylnaphthalene	8.922	142	682671	40.120	ng	99
38) 1-Methylnaphthalene	9.022	142	701912	43.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	362718	44.594	ng	99
41) Hexachlorocyclopentadiene	9.081	237	388369	119.431	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	237284	47.410	ng	98

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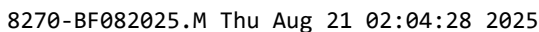
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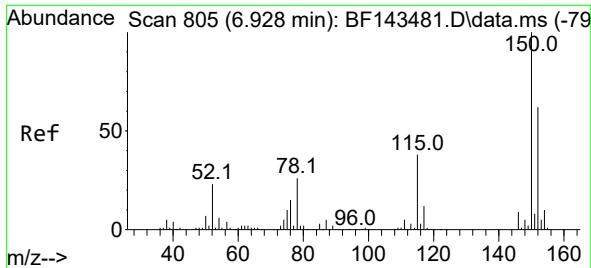
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	250079	45.743	ng	99
46) 1,1'-Biphenyl	9.386	154	910218	45.097	ng	100
47) 2-Chloronaphthalene	9.410	162	701460	44.294	ng	99
48) 2-Nitroaniline	9.504	65	217562	46.942	ng	99
49) Acenaphthylene	9.828	152	1132543	49.946	ng	100
50) Dimethylphthalate	9.686	163	802514	46.858	ng	100
51) 2,6-Dinitrotoluene	9.745	165	181275	51.070	ng	98
52) Acenaphthene	10.004	154	730967	47.479	ng	99
53) 3-Nitroaniline	9.916	138	105824	27.591	ng	98
54) 2,4-Dinitrophenol	10.028	184	159570	83.794	ng	96
55) Dibenzofuran	10.175	168	977587	44.537	ng	99
56) 4-Nitrophenol	10.086	139	224646	98.437	ng	94
57) 2,4-Dinitrotoluene	10.151	165	241903	51.040	ng	96
58) Fluorene	10.516	166	757478	44.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	210511	51.829	ng	98
60) Diethylphthalate	10.381	149	728414	47.439	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	379778	44.951	ng	99
62) 4-Nitroaniline	10.533	138	166777	47.340	ng	98
63) Azobenzene	10.663	77	801156	50.320	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	123949	49.621	ng	95
66) n-Nitrosodiphenylamine	10.622	169	644412	45.199	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	244641	46.282	ng	96
68) Hexachlorobenzene	11.069	284	259928	45.619	ng	99
69) Atrazine	11.145	200	181980	49.447	ng	99
70) Pentachlorophenol	11.263	266	250868	96.136	ng	99
71) Phenanthrene	11.480	178	1058088	44.599	ng	100
72) Anthracene	11.533	178	1091560	45.418	ng	100
73) Carbazole	11.686	167	890583	45.223	ng	99
74) Di-n-butylphthalate	12.010	149	920596	50.110	ng	99
75) Fluoranthene	12.669	202	935114	43.927	ng	100
77) Benzidine	12.786	184	266782	44.181	ng	99
78) Pyrene	12.898	202	920612	45.148	ng	100
80) Butylbenzylphthalate	13.510	149	276711	49.674	ng	100
81) Benzo(a)anthracene	14.086	228	756171	47.380	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	92641	20.269	ng	98
83) Chrysene	14.127	228	621651	43.344	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	409766	48.297	ng	100
85) Di-n-octyl phthalate	14.680	149	748067	47.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	927072	45.998	ng	100
88) Benzo(b)fluoranthene	15.157	252	731867	46.944	ng	100
89) Benzo(k)fluoranthene	15.186	252	710877	47.624	ng	100
90) Benzo(a)pyrene	15.533	252	719793	49.740	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	750429	46.491	ng	100
92) Benzo(g,h,i)perylene	17.592	276	758815	47.277	ng	100

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

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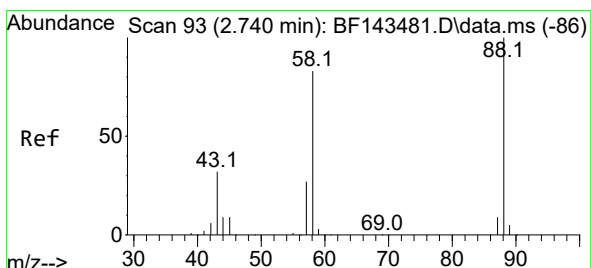
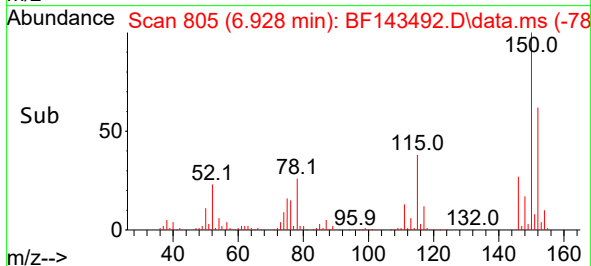
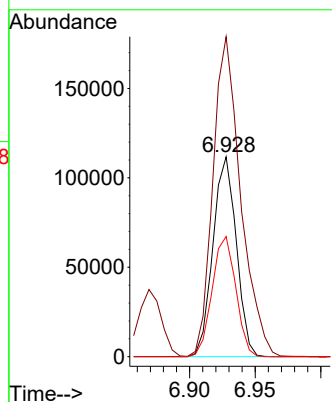
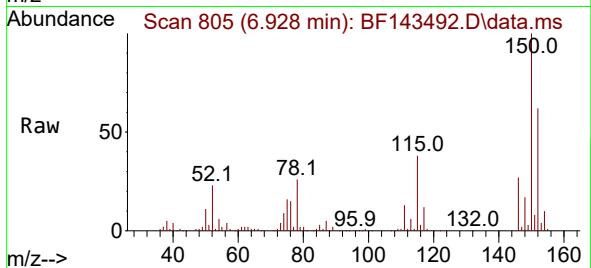




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143492.D
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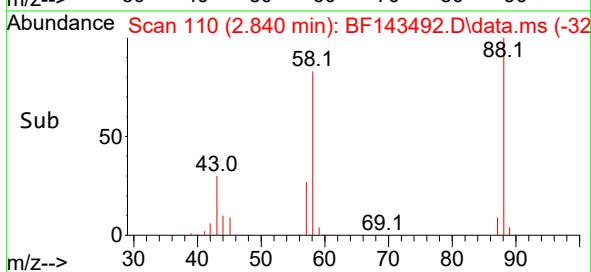
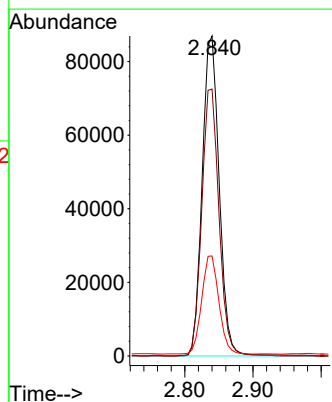
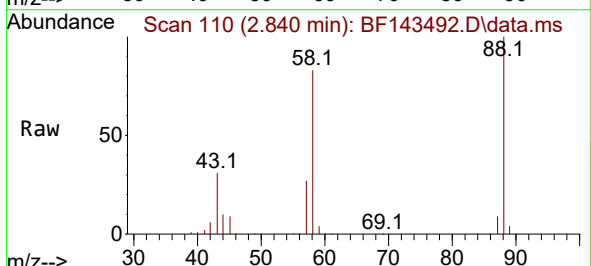
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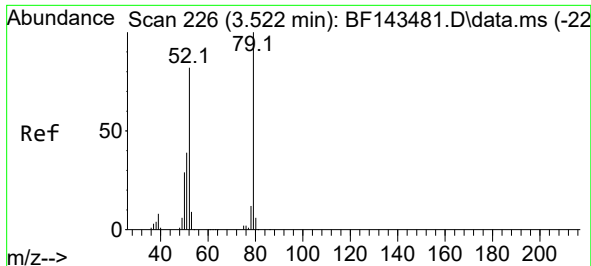
Tgt Ion:152 Resp: 138486
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.9 193.3
 115 60.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 40.965 ng
 RT: 2.840 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

Tgt Ion: 88 Resp: 150504
 Ion Ratio Lower Upper
 88 100
 58 85.2 66.7 100.1
 43 30.9 25.8 38.8





#3

Pyridine

Concen: 41.346 ng

RT: 3.599 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

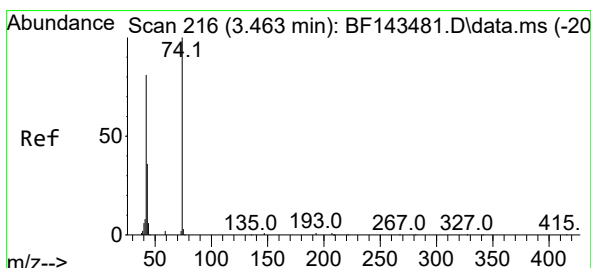
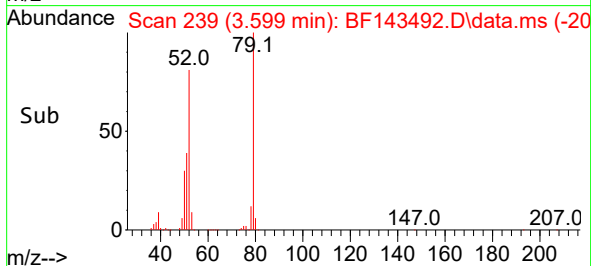
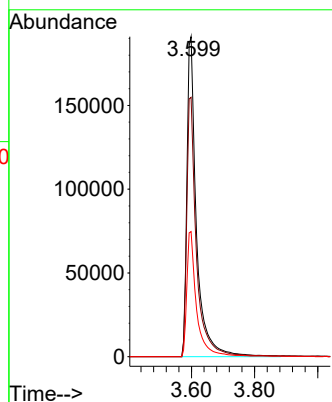
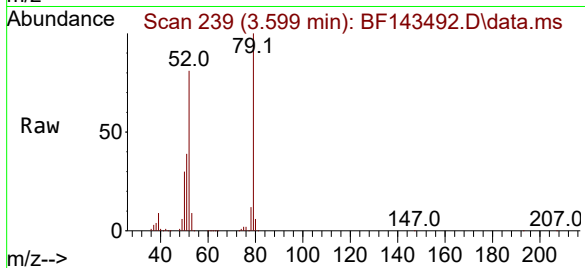
Tgt Ion: 79 Resp: 404586

Ion Ratio Lower Upper

79 100

52 81.1 65.6 98.4

51 39.1 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 47.906 ng

RT: 3.546 min Scan# 230

Delta R.T. 0.071 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

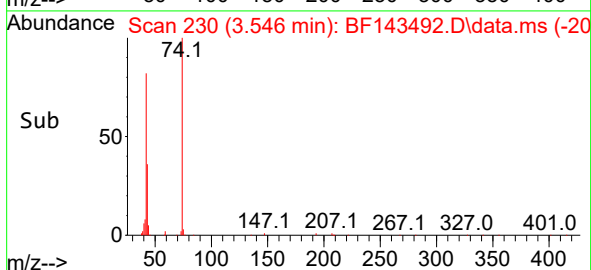
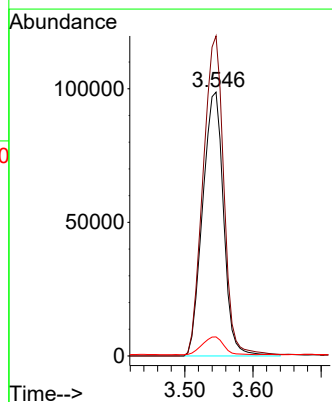
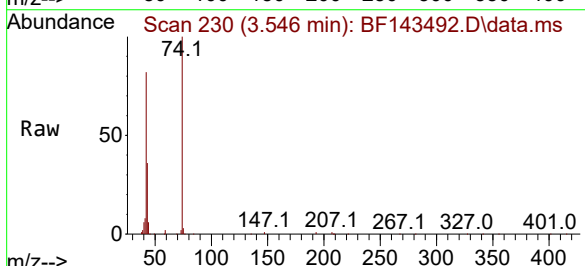
Tgt Ion: 42 Resp: 210739

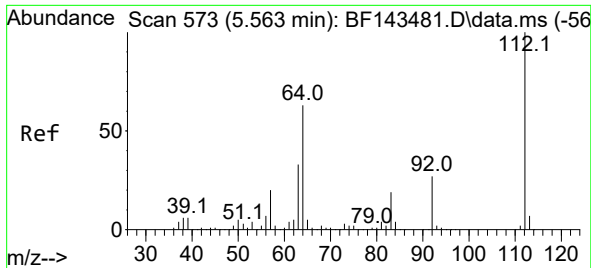
Ion Ratio Lower Upper

42 100

74 121.3 98.6 148.0

44 7.2 5.8 8.8

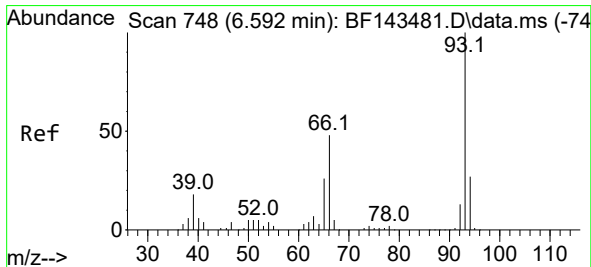
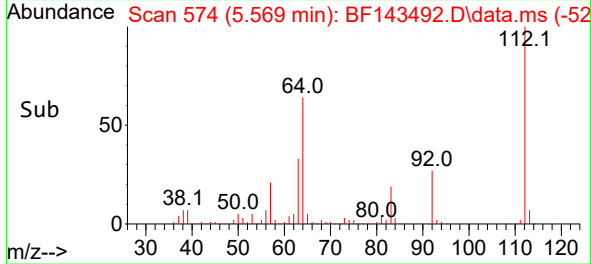
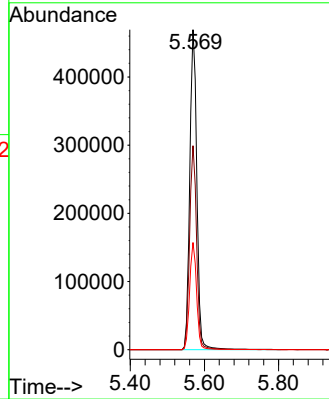
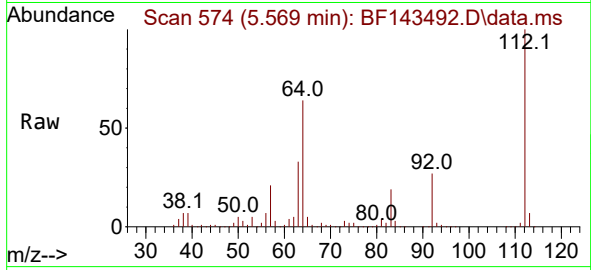




#5
2-Fluorophenol
Concen: 78.142 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

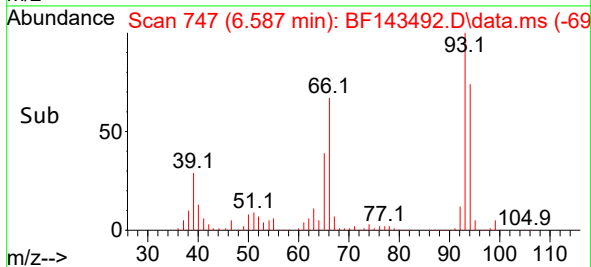
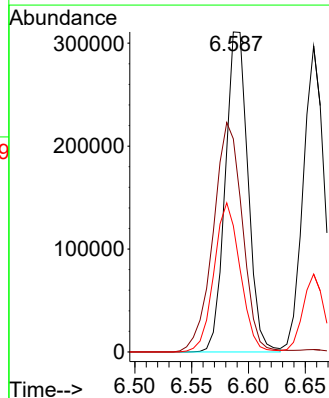
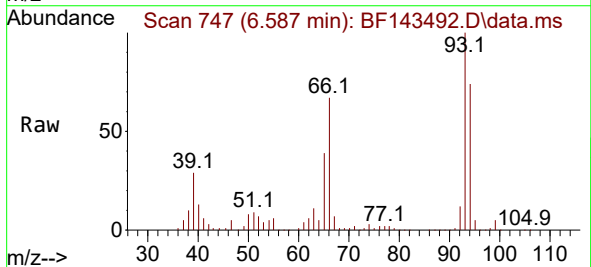
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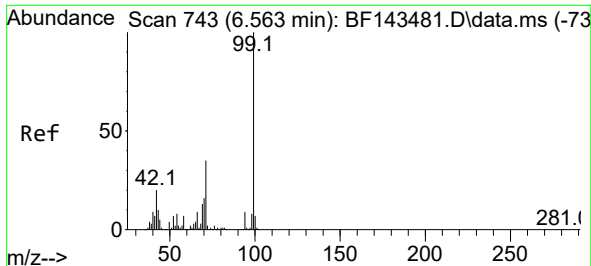
Tgt Ion:112 Resp: 619739
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 33.5 26.4 39.6



#6
Aniline
Concen: 33.036 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion: 93 Resp: 432309
Ion Ratio Lower Upper
93 100
66 66.6 38.9 58.3#
65 39.4 20.6 30.8#

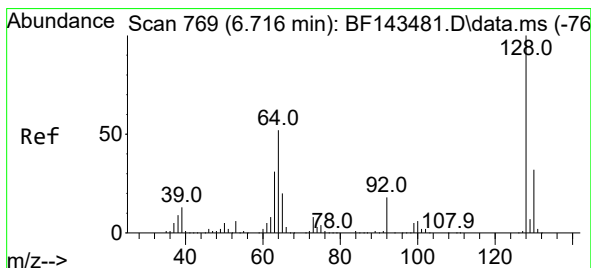
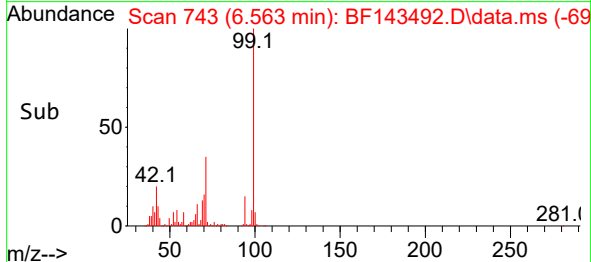
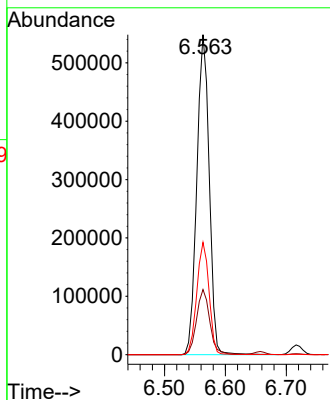
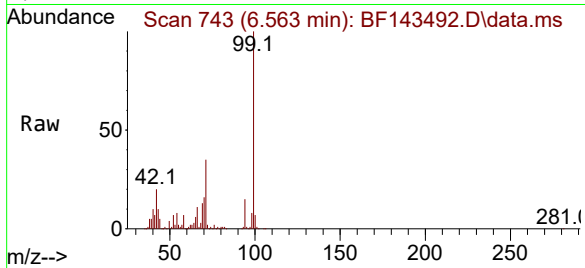




#7
Phenol-d6
Concen: 78.991 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

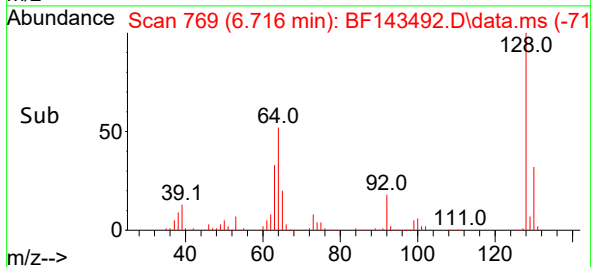
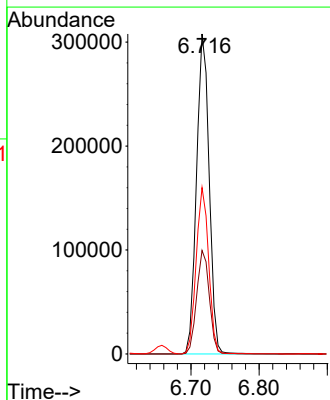
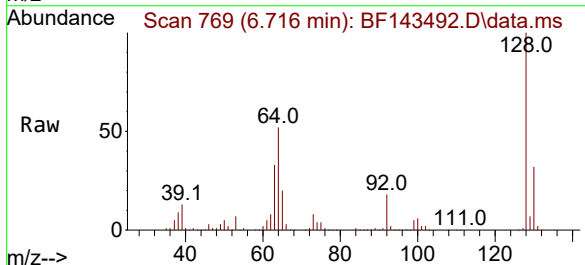
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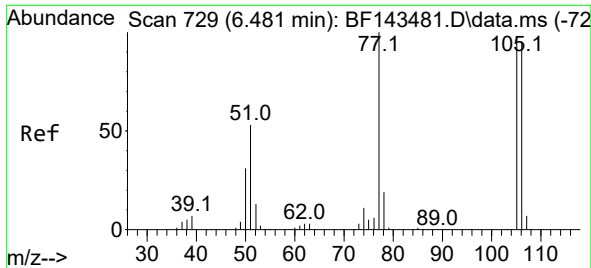
Tgt Ion: 99 Resp: 773341
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 35.1 28.2 42.2



#8
2-Chlorophenol
Concen: 45.148 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion: 128 Resp: 395486
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 52.0 31.6 71.6

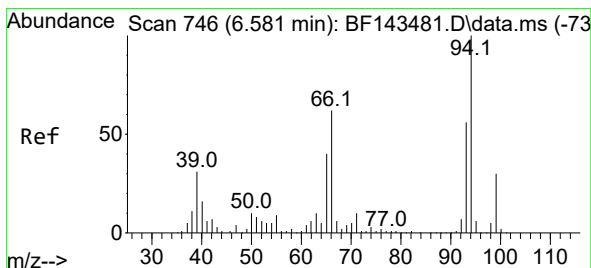
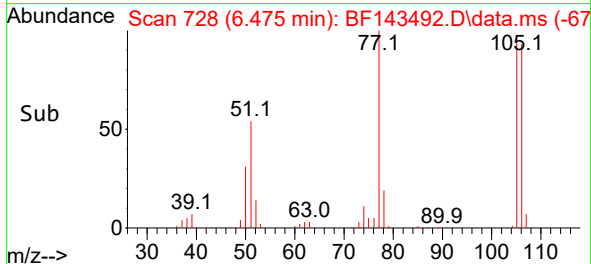
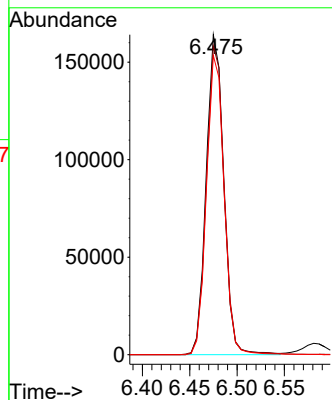
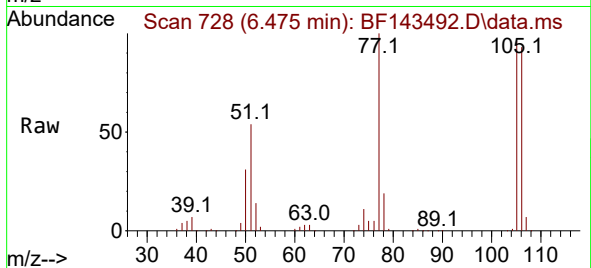




#9
Benzaldehyde
Concen: 26.579 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143492.D
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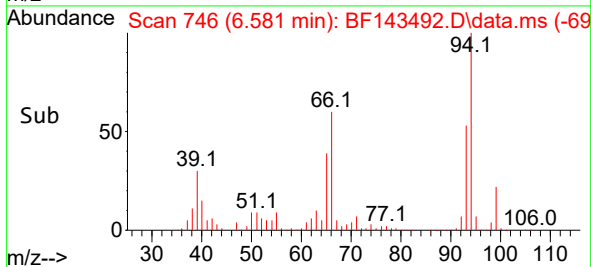
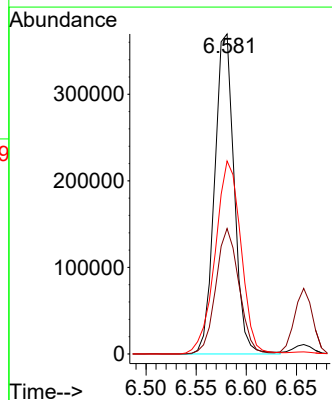
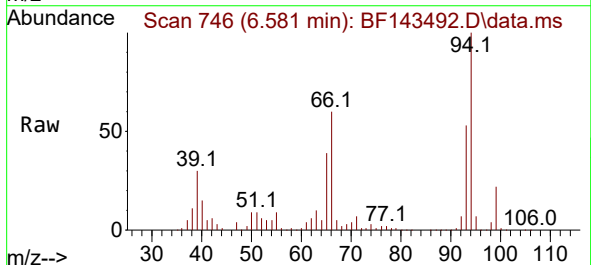
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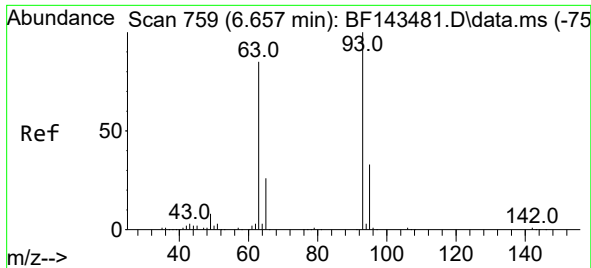
Tgt Ion: 77 Resp: 210673
Ion Ratio Lower Upper
77 100
105 96.5 78.1 118.1
106 93.5 74.9 114.9



#10
Phenol
Concen: 44.412 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion: 94 Resp: 500901
Ion Ratio Lower Upper
94 100
65 39.2 19.5 59.5
66 60.3 42.5 82.5

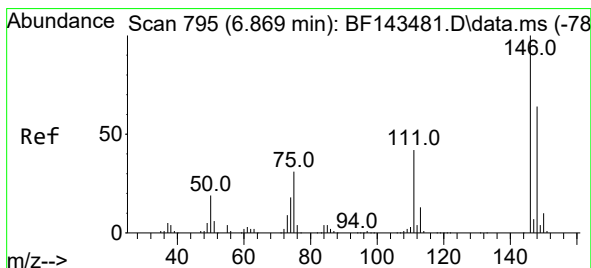
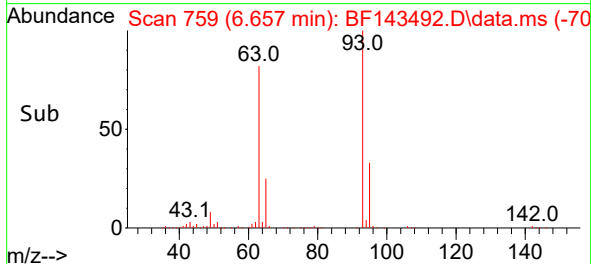
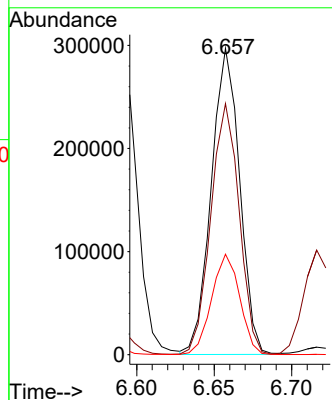
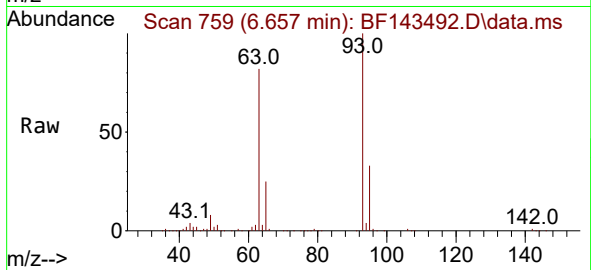




#11
bis(2-Chloroethyl)ether
Concen: 44.928 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

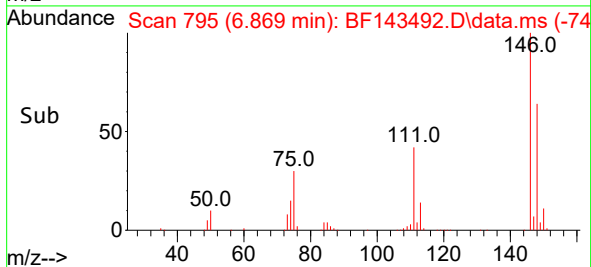
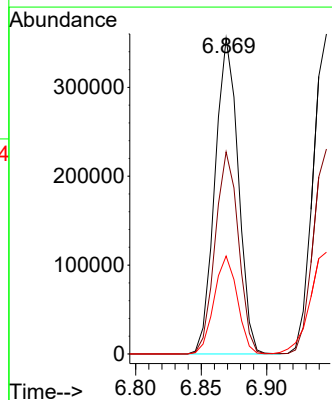
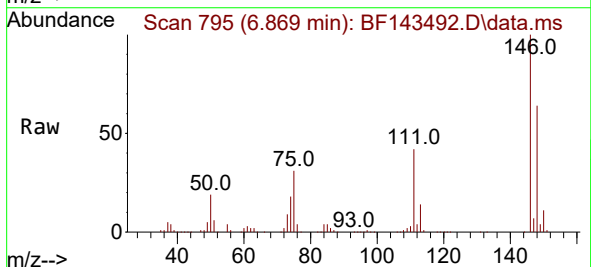
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

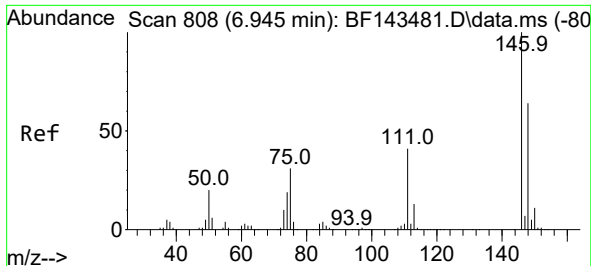
Tgt Ion: 93 Resp: 378662
Ion Ratio Lower Upper
93 100
63 82.0 63.6 103.6
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.615 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:146 Resp: 439111
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 31.0 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 45.453 ng

RT: 6.945 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143492.D

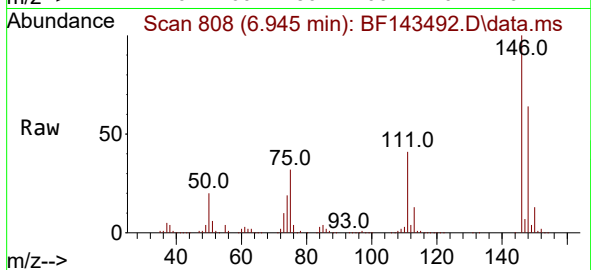
Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS



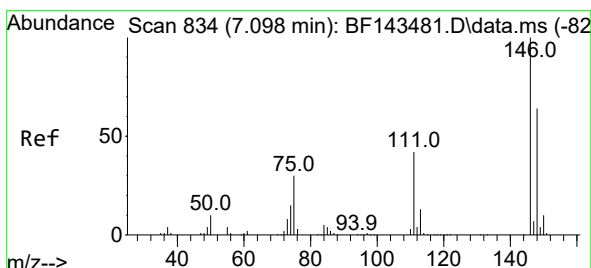
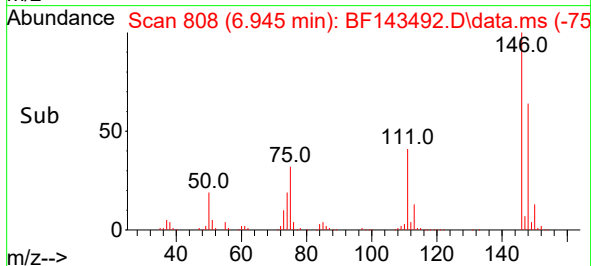
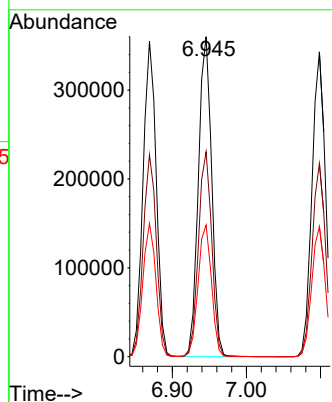
Tgt Ion:146 Resp: 448753

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

111 41.2 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 46.354 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

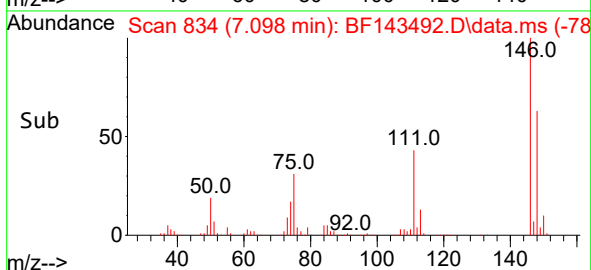
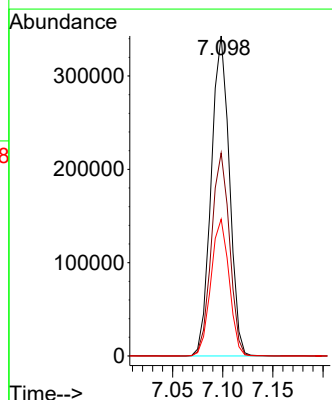
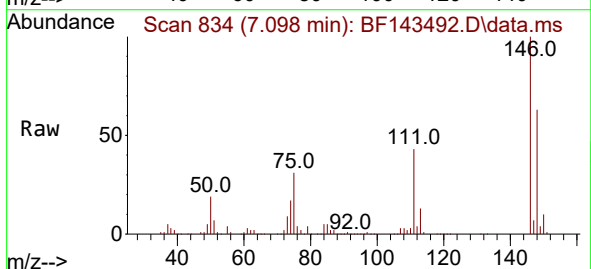
Tgt Ion:146 Resp: 433301

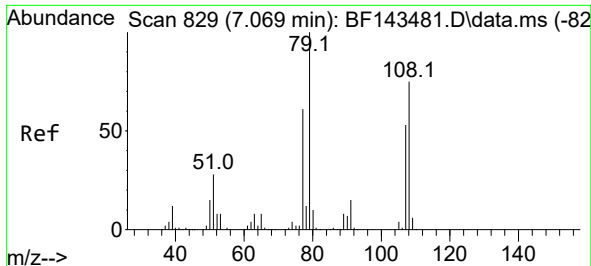
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 42.7 34.0 51.0

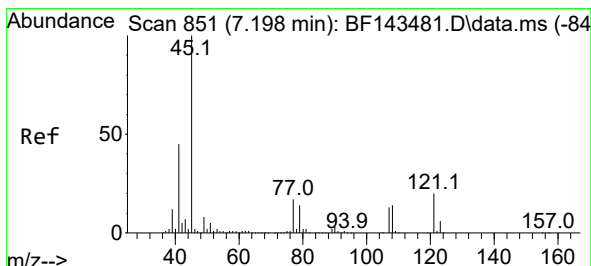
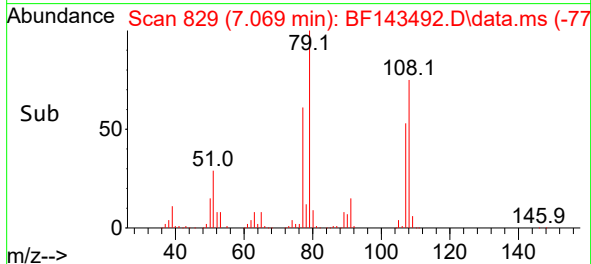
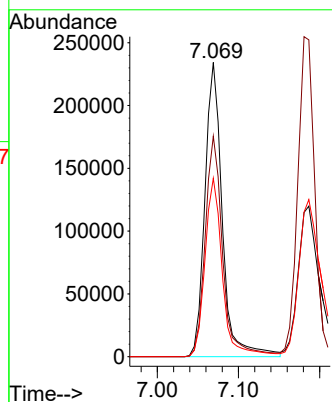
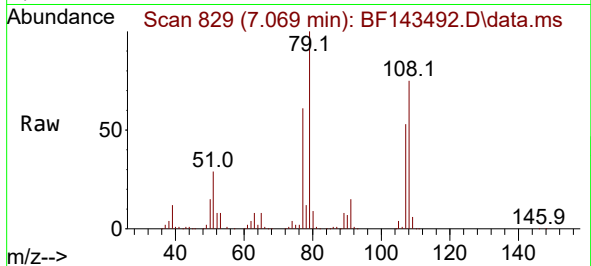




#15
Benzyl Alcohol
Concen: 47.489 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

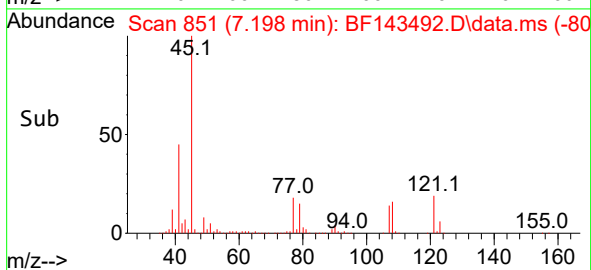
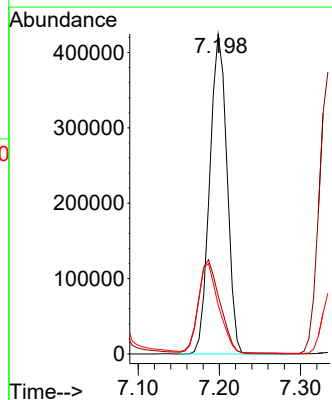
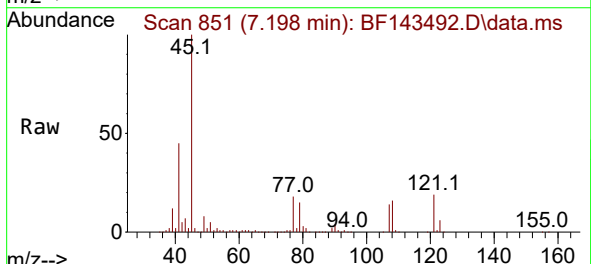
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

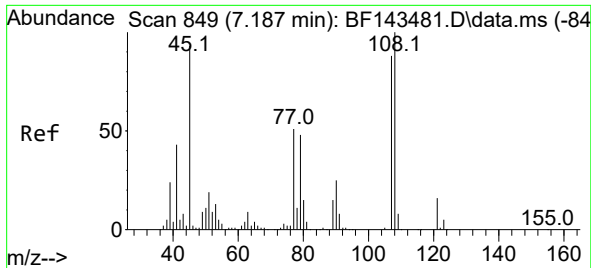
Tgt Ion: 79 Resp: 348089
Ion Ratio Lower Upper
79 100
108 75.0 59.8 89.6
77 60.7 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.417 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion: 45 Resp: 625876
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.9
79 15.3 0.0 34.7

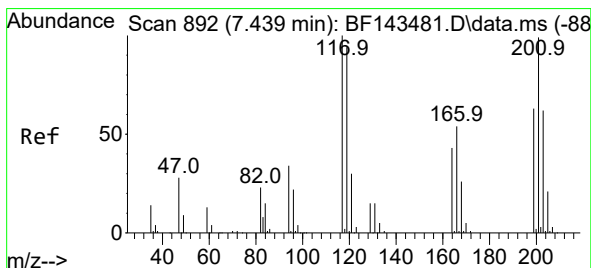
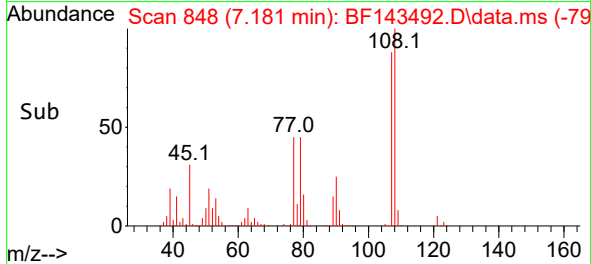
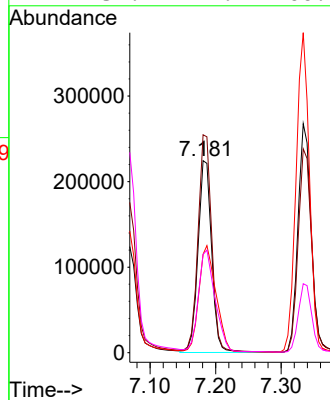
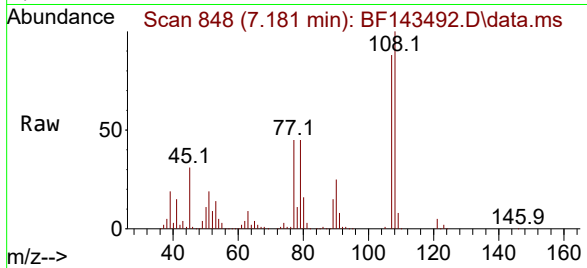




#17
2-Methylphenol
Concen: 46.314 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

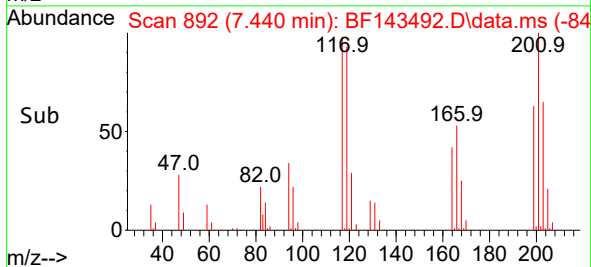
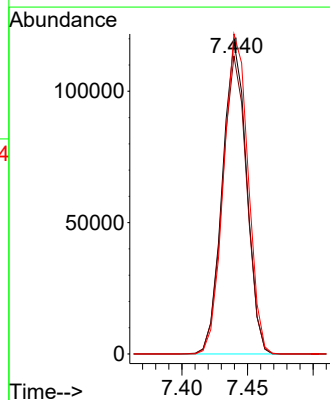
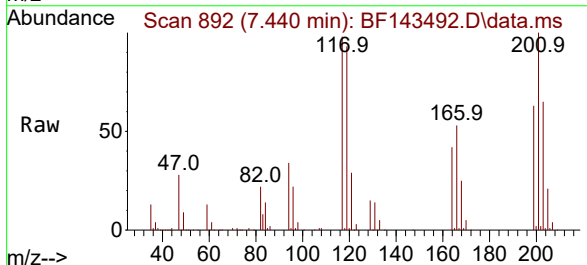
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

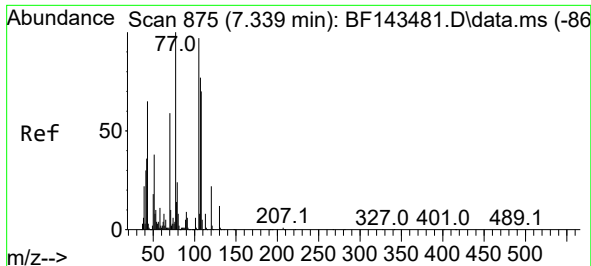
Tgt Ion:	107	Resp:	325616
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	51.3	46.2	69.4
79	51.1	44.2	66.2



#18
Hexachloroethane
Concen: 45.284 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:	117	Resp:	152008
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
201	102.4	79.0	118.4

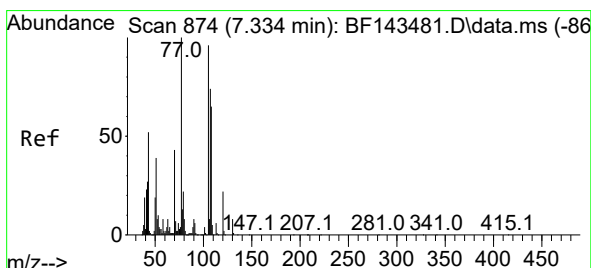
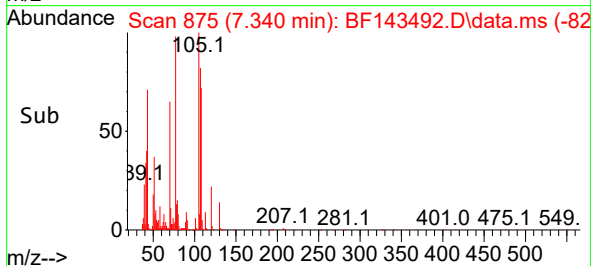
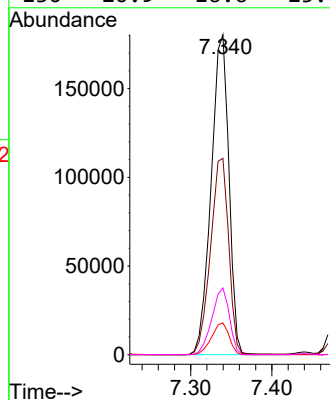
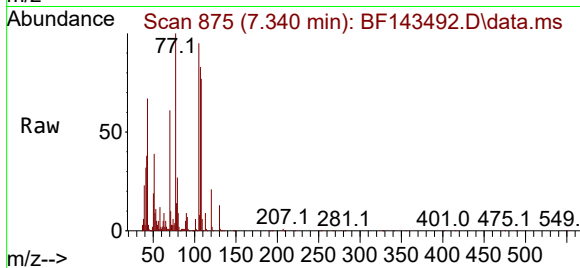




#19
n-Nitroso-di-n-propylamine
Concen: 45.771 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

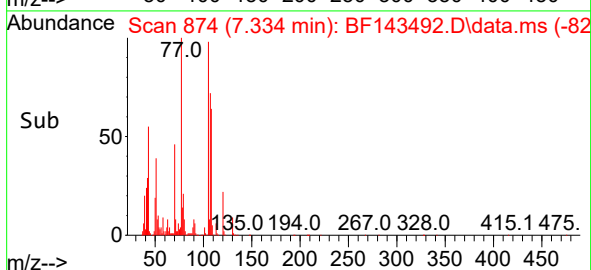
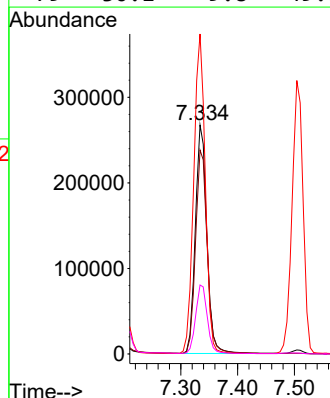
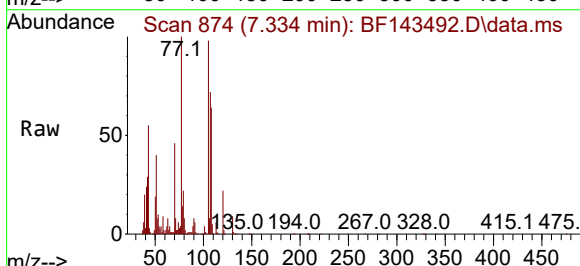
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

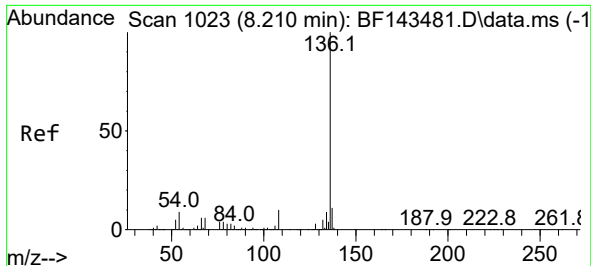
Tgt Ion: 70 Resp: 273893
Ion Ratio Lower Upper
70 100
42 61.3 49.3 73.9
101 10.0 7.8 11.8
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 44.872 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion: 107 Resp: 376603
Ion Ratio Lower Upper
107 100
108 89.1 68.4 108.4
77 139.8 116.1 156.1
79 30.1 9.8 49.8

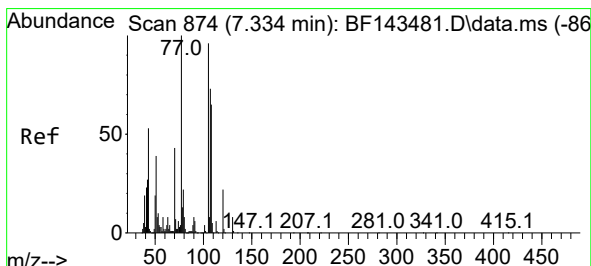
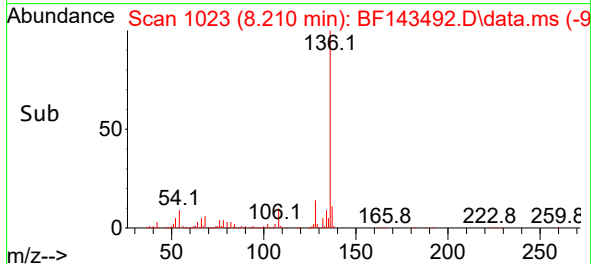
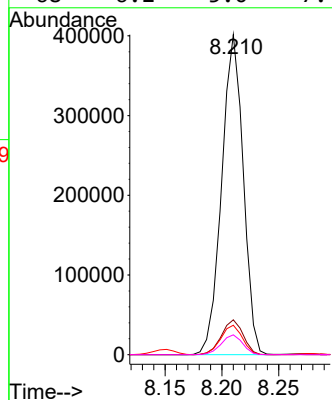
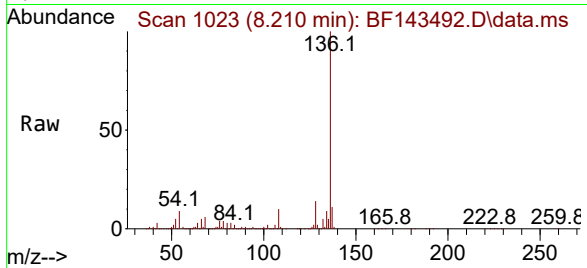




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

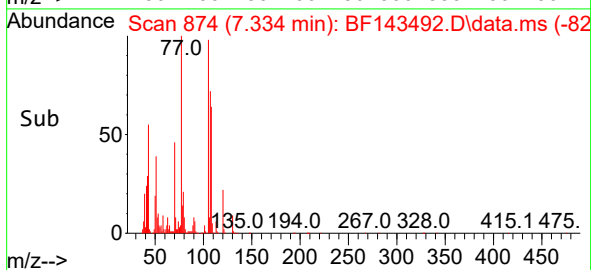
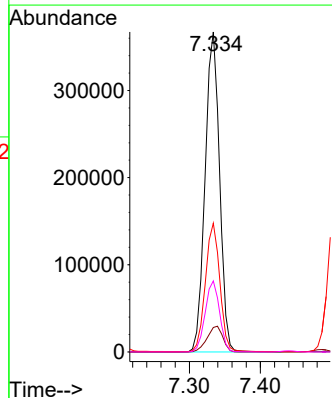
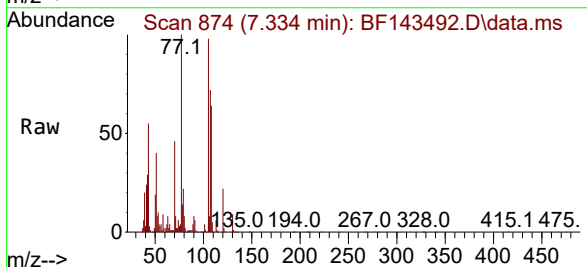
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

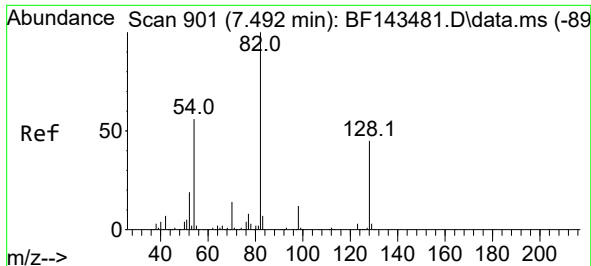
Tgt Ion:	136	Resp:	530660
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	9.2	7.4	11.2
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 45.445 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:	105	Resp:	521008
Ion Ratio	Lower	Upper	
105	100		
71	7.7	5.9	8.9
51	40.3	32.5	48.7
120	22.2	18.0	27.0





#23

Nitrobenzene-d5

Concen: 55.404 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

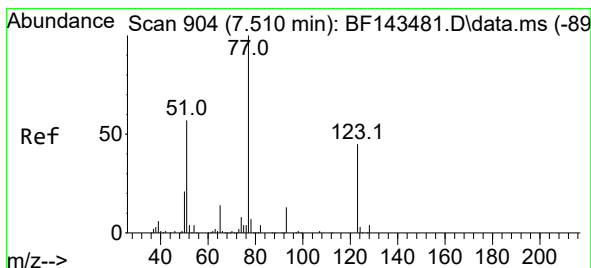
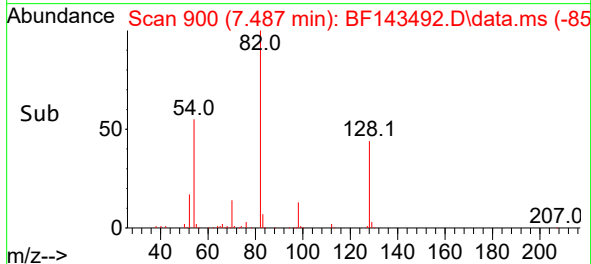
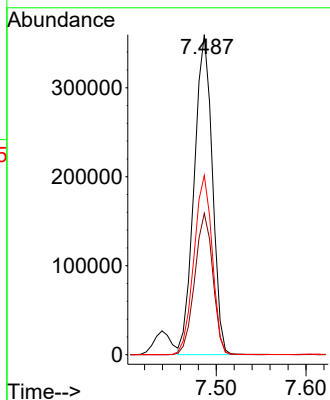
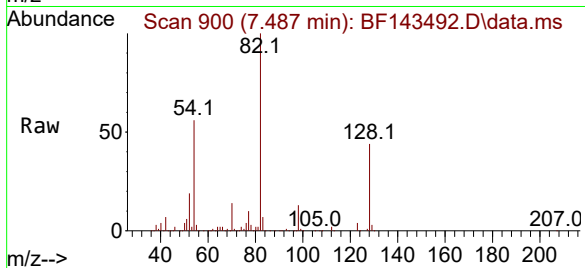
Tgt Ion: 82 Resp: 503827

Ion Ratio Lower Upper

82 100

128 44.2 35.5 53.3

54 56.0 44.3 66.5



#24

Nitrobenzene

Concen: 45.741 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

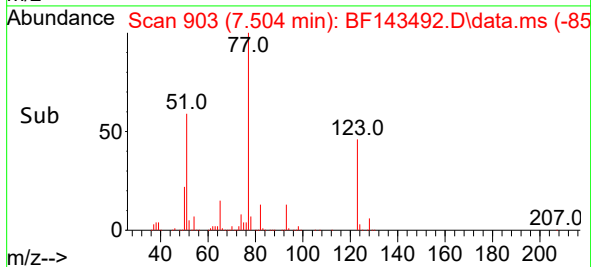
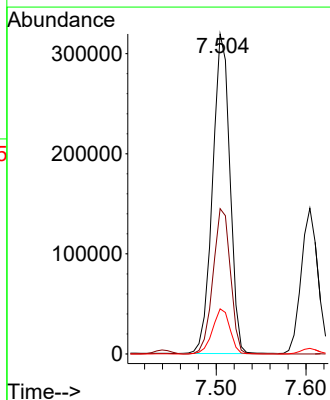
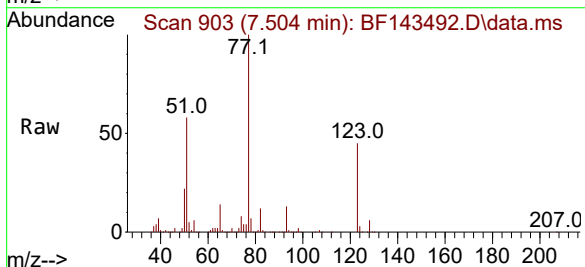
Tgt Ion: 77 Resp: 428108

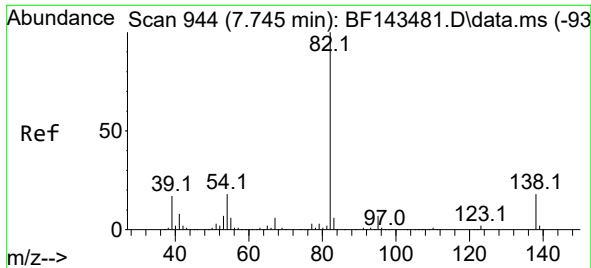
Ion Ratio Lower Upper

77 100

123 45.4 36.1 54.1

65 14.1 11.0 16.6

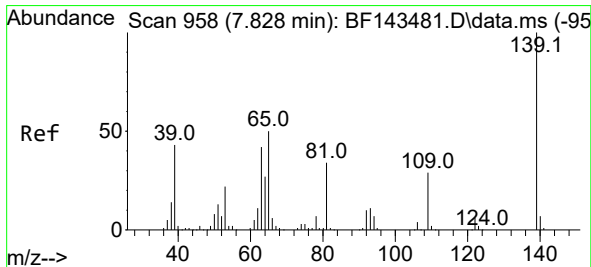
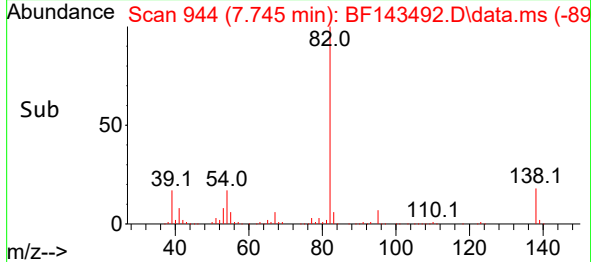
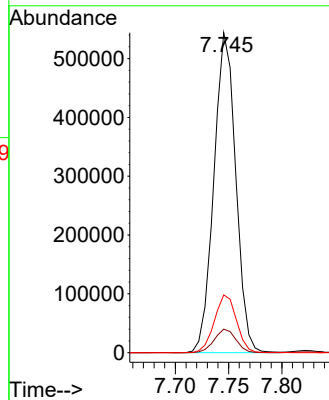
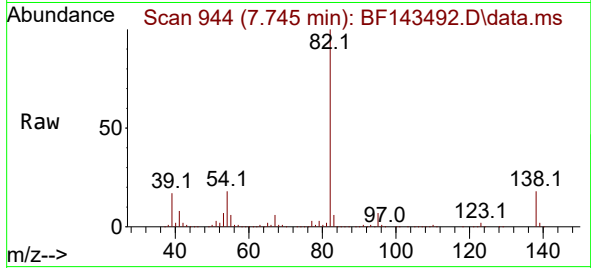




#25
Isophorone
Concen: 46.538 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

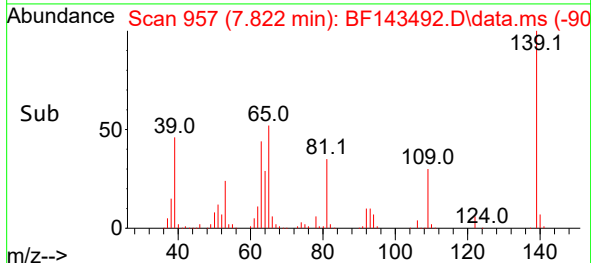
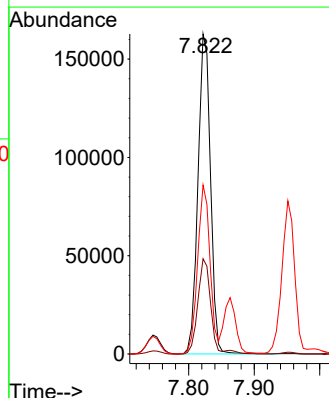
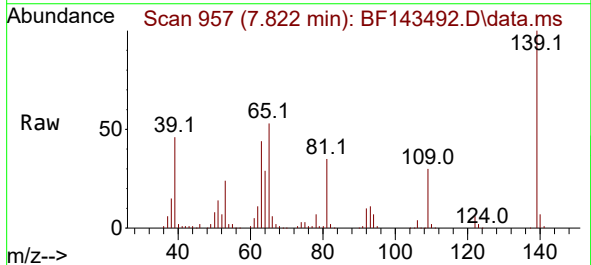
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

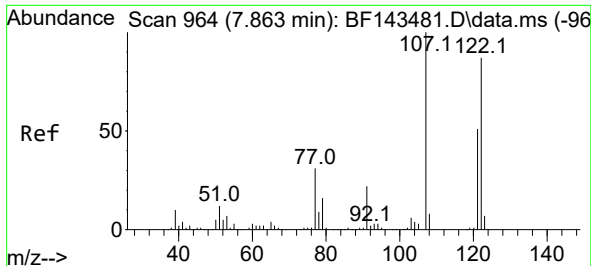
Tgt Ion: 82 Resp: 775775
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 18.0 14.2 21.4



#26
2-Nitrophenol
Concen: 47.311 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:139 Resp: 216907
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.6
65 52.8 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 48.423 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF143492.D

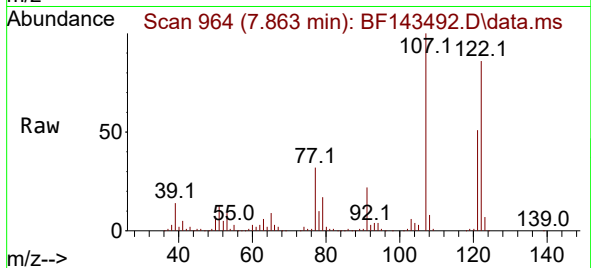
Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS



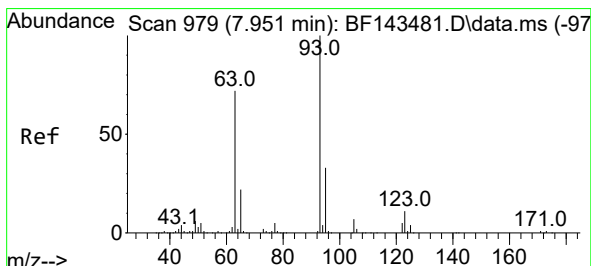
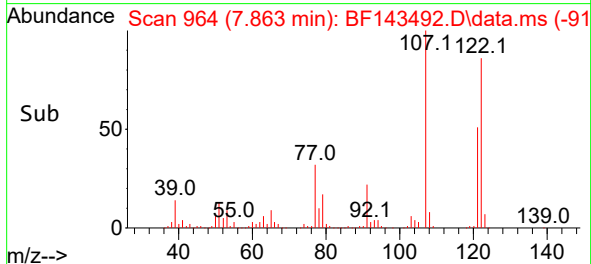
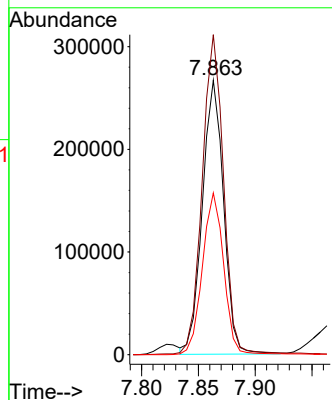
Tgt Ion:122 Resp: 346068

Ion Ratio Lower Upper

122 100

107 116.6 91.5 137.3

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.703 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

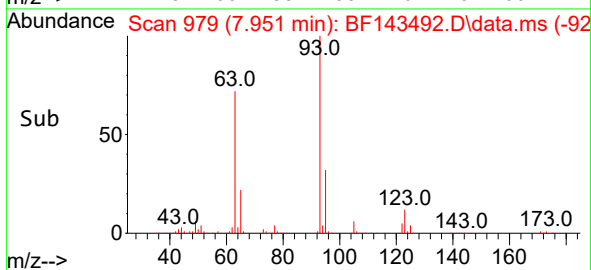
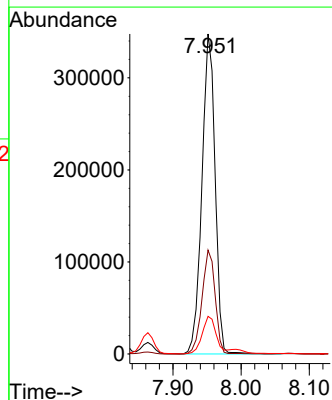
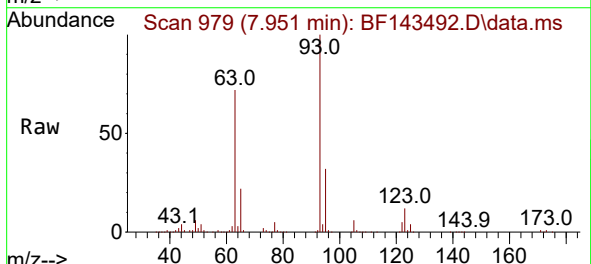
Tgt Ion: 93 Resp: 468202

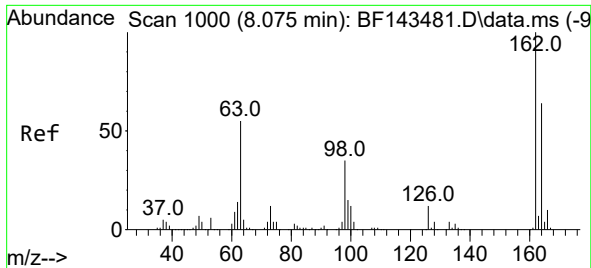
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.173 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

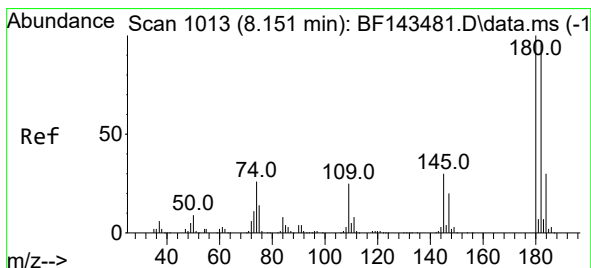
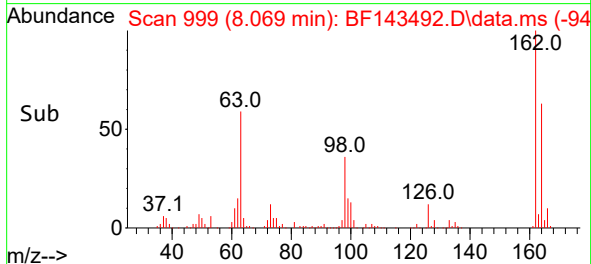
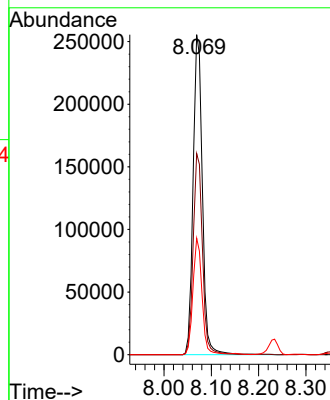
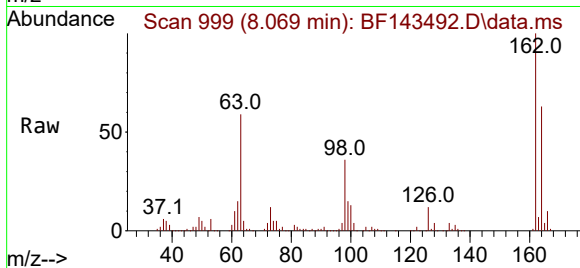
Tgt Ion:162 Resp: 344797

Ion Ratio Lower Upper

162 100

164 62.9 43.5 83.5

98 36.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 47.266 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

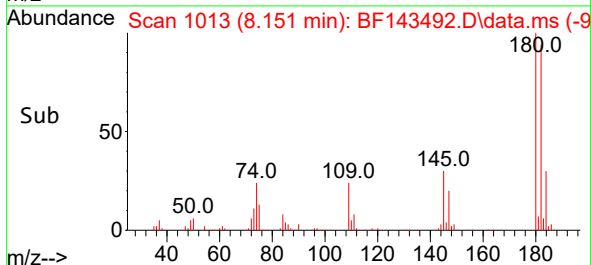
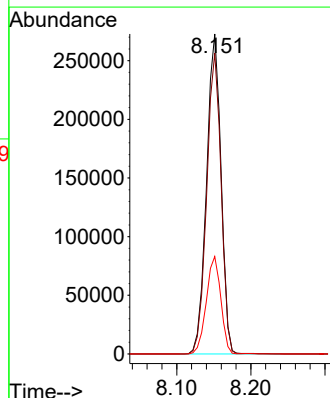
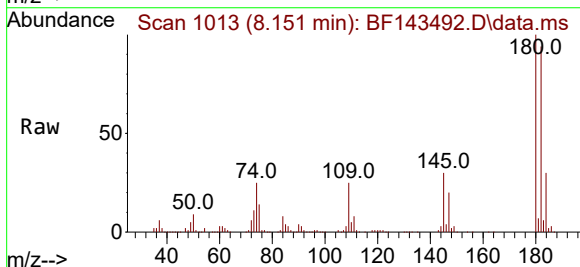
Tgt Ion:180 Resp: 370927

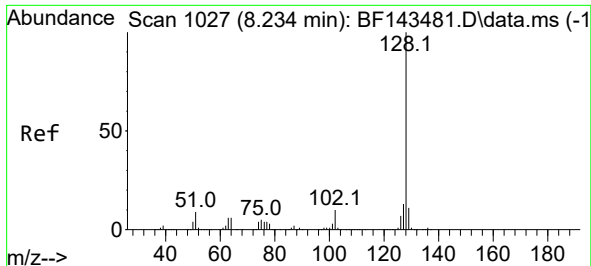
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

145 30.4 24.3 36.5





#31

Naphthalene

Concen: 43.860 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

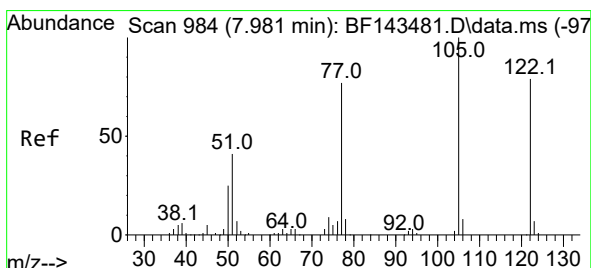
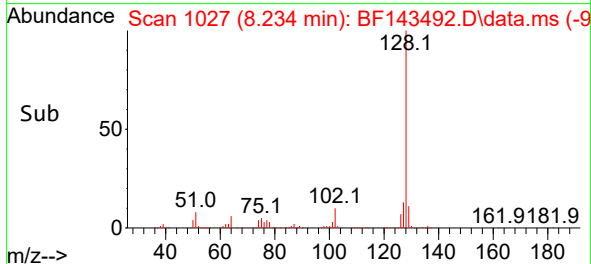
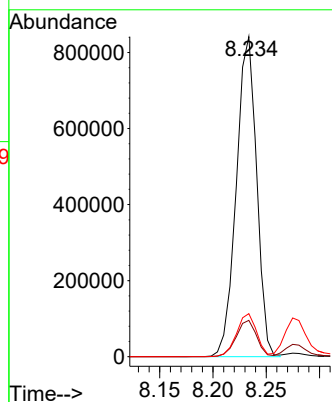
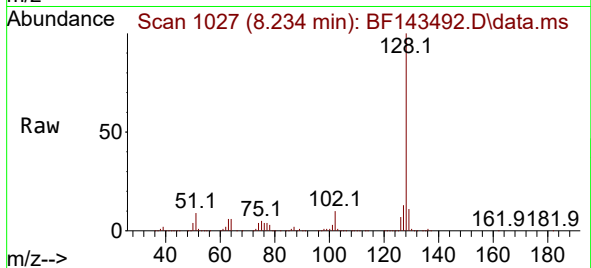
Tgt Ion:128 Resp: 1117420

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 42.800 ng

RT: 7.992 min Scan# 986

Delta R.T. -0.018 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

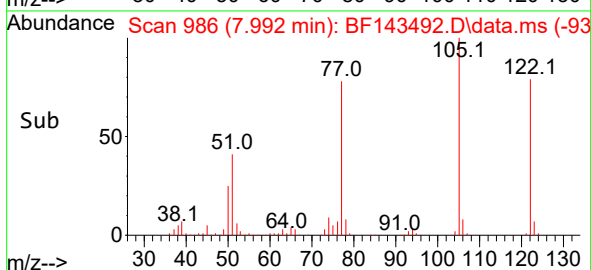
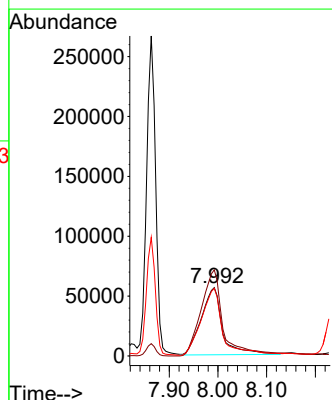
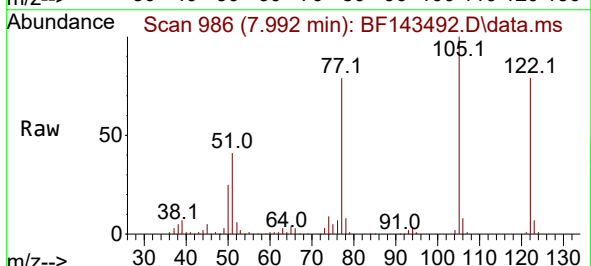
Tgt Ion:122 Resp: 170930

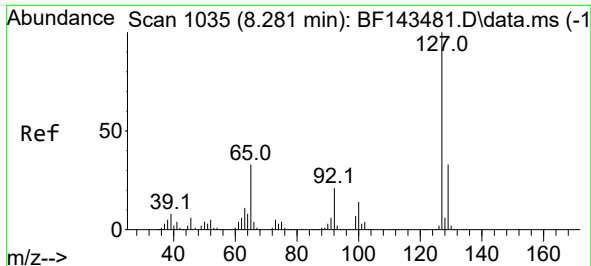
Ion Ratio Lower Upper

122 100

105 125.8 104.7 144.7

77 99.0 77.3 117.3

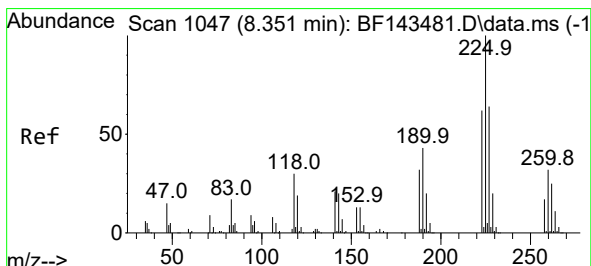
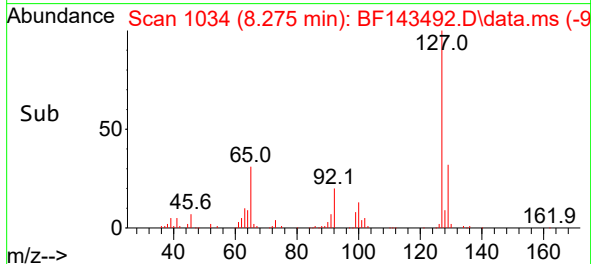
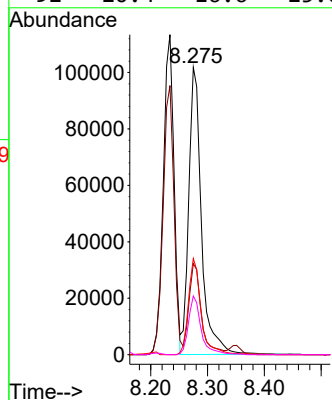
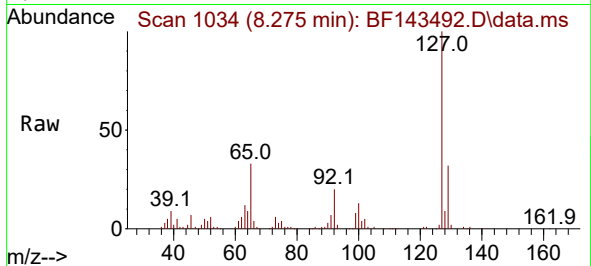




#33
4-Chloroaniline
Concen: 17.549 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

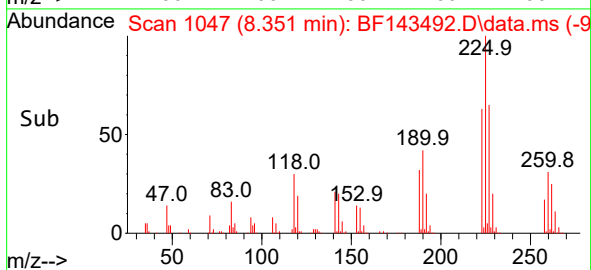
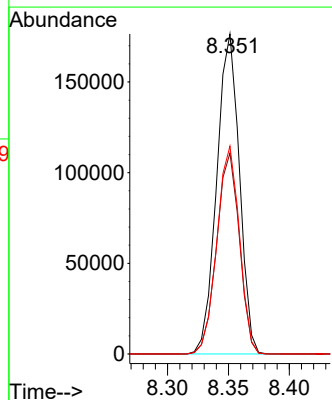
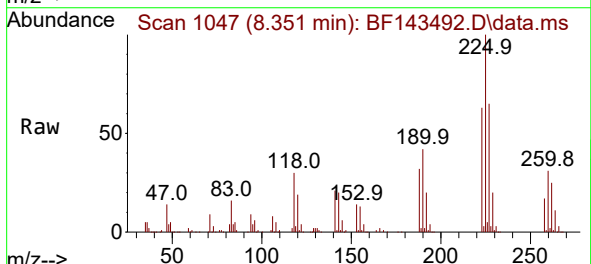
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

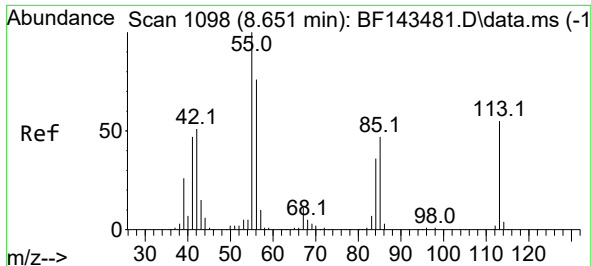
Tgt Ion:	127	Resp:	158685
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	33.5	26.2	39.2
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.673 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:	225	Resp:	228725
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	65.0	50.9	76.3

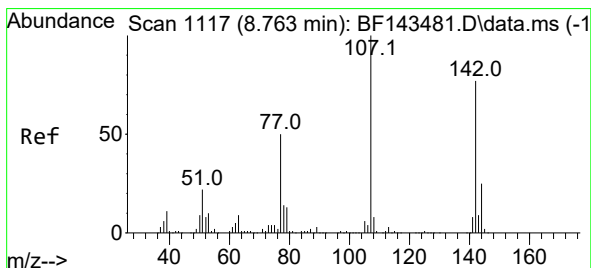
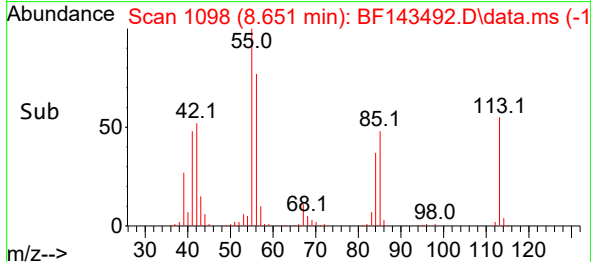
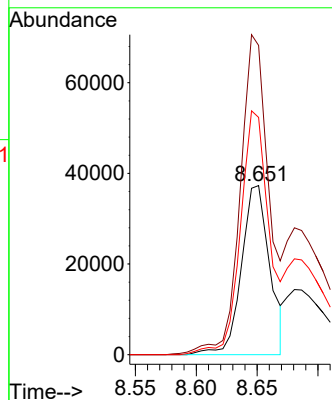
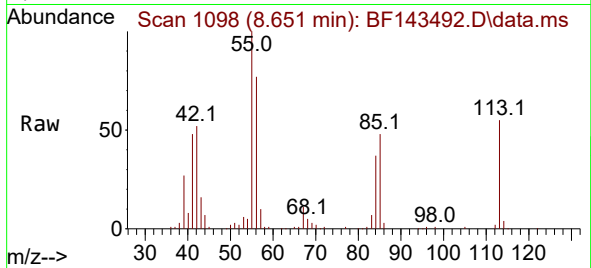




#35
Caprolactam
Concen: 32.867 ng
RT: 8.651 min Scan# 1109
Delta R.T. -0.023 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

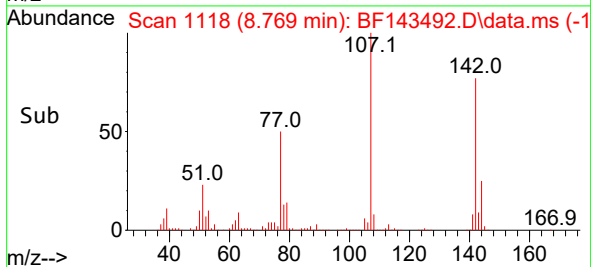
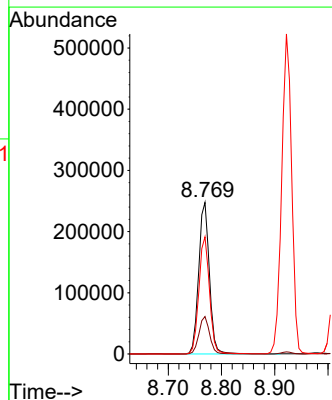
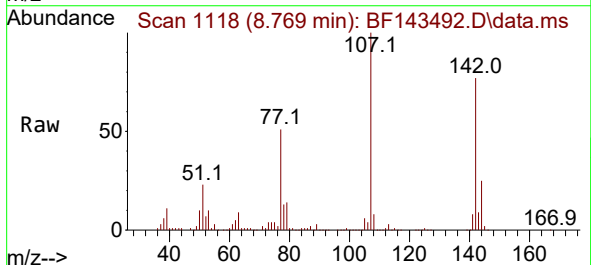
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

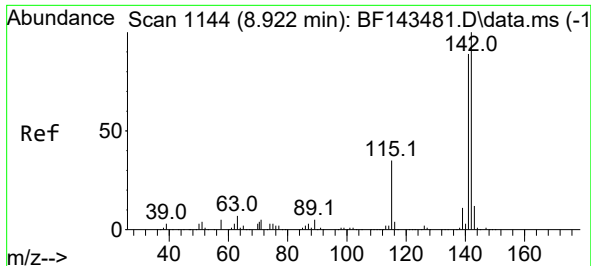
Tgt Ion:113 Resp: 60198
Ion Ratio Lower Upper
113 100
55 182.9 162.8 202.8
56 140.3 118.1 158.1



#36
4-Chloro-3-methylphenol
Concen: 45.379 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:107 Resp: 347113
Ion Ratio Lower Upper
107 100
144 24.7 19.9 29.9
142 77.3 61.8 92.8

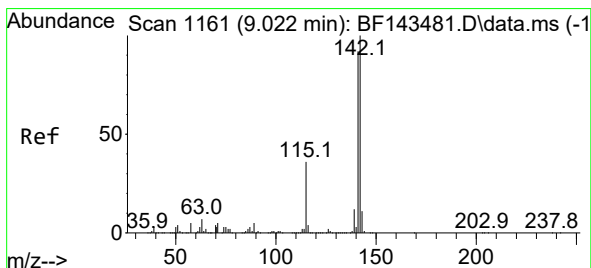
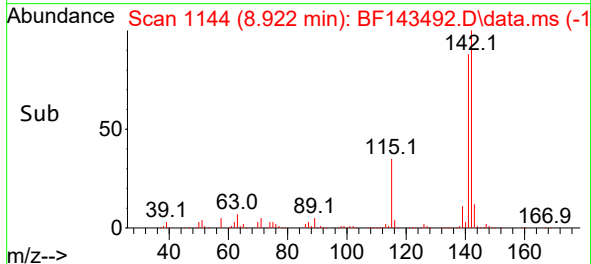
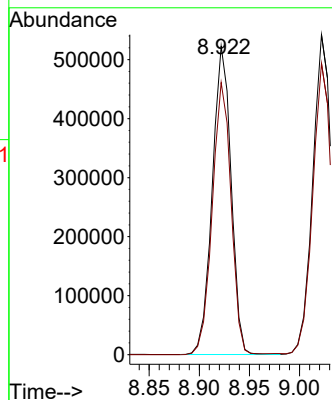
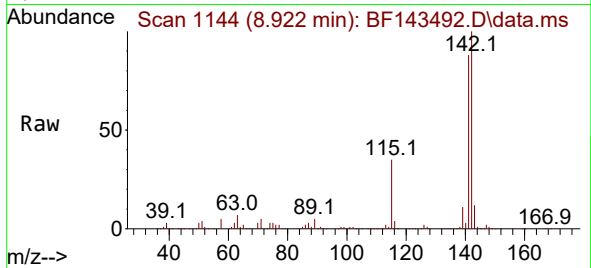




#37
2-Methylnaphthalene
Concen: 40.120 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

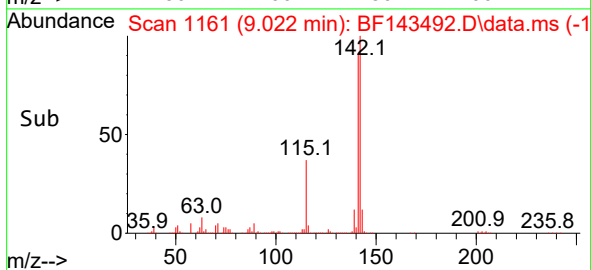
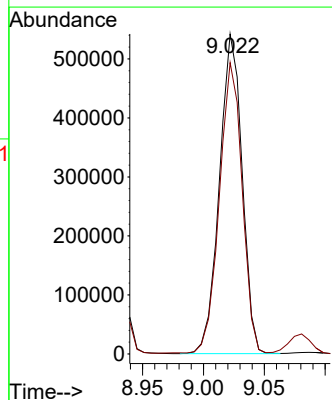
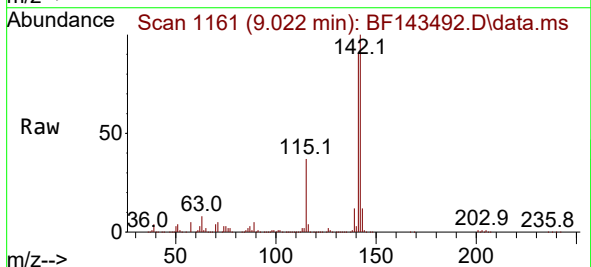
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

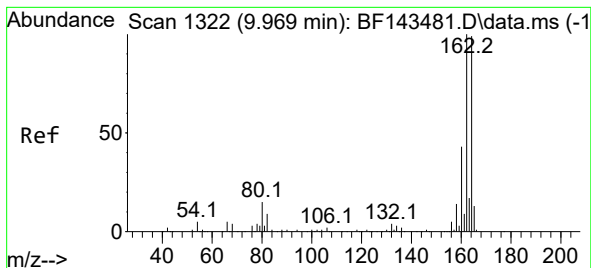
Tgt Ion:142 Resp: 682671
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.4



#38
1-Methylnaphthalene
Concen: 43.125 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:142 Resp: 701912
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

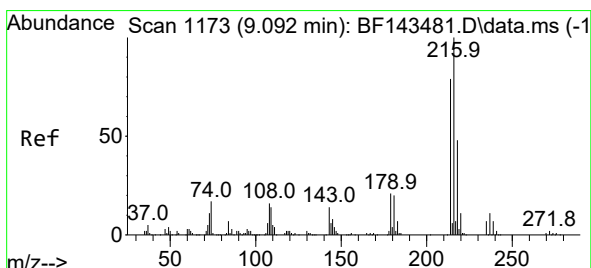
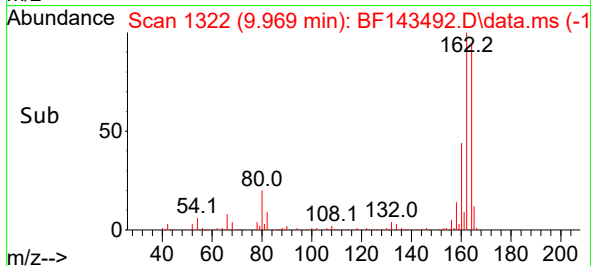
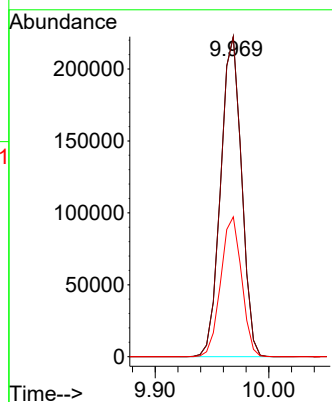
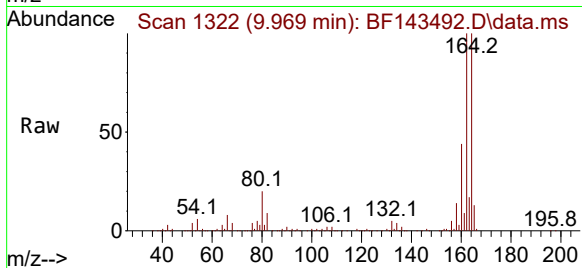
Tgt Ion:164 Resp: 284361

Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

160 43.7 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.594 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Tgt Ion:216 Resp: 362718

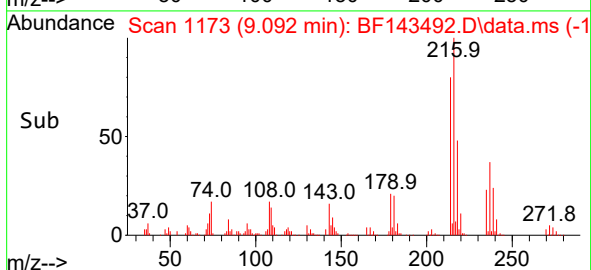
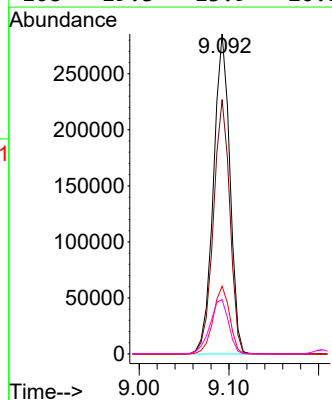
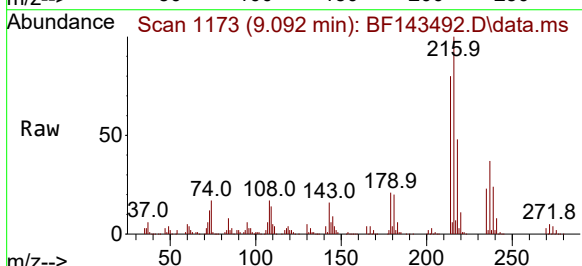
Ion Ratio Lower Upper

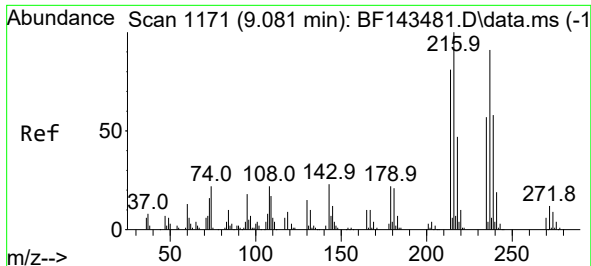
216 100

214 79.3 63.4 95.0

179 21.2 16.5 24.7

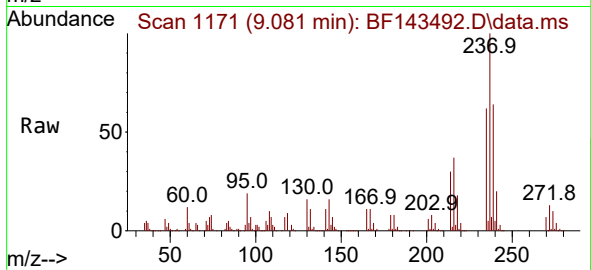
108 19.3 13.9 20.9



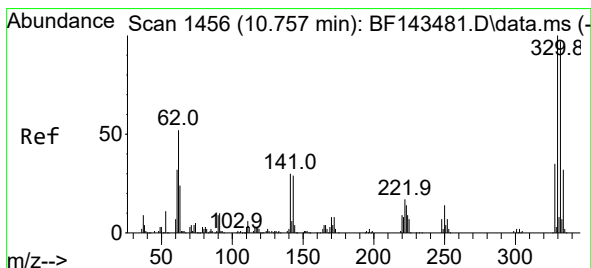
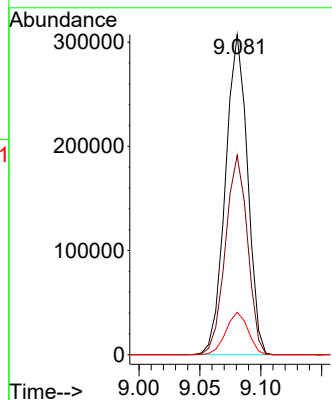
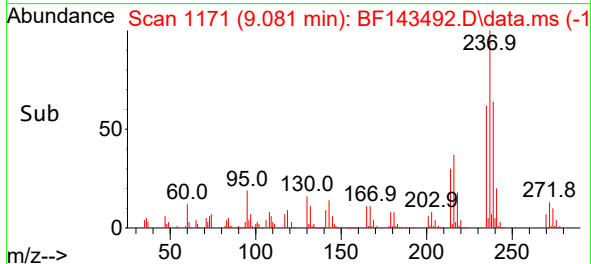


#41
Hexachlorocyclopentadiene
Concen: 119.431 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

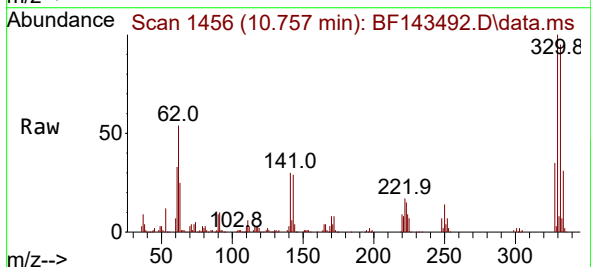
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



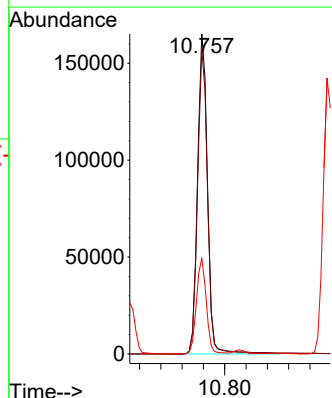
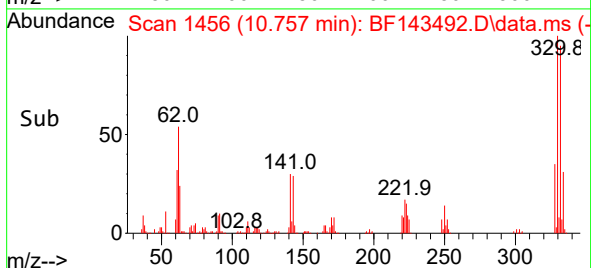
Tgt Ion:237 Resp: 388369
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 13.3 0.0 33.4

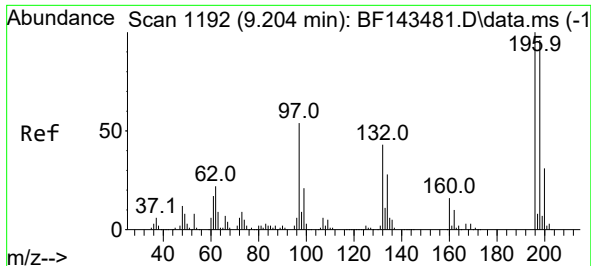


#42
2,4,6-Tribromophenol
Concen: 81.009 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:330 Resp: 214430
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 29.5 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 47.410 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

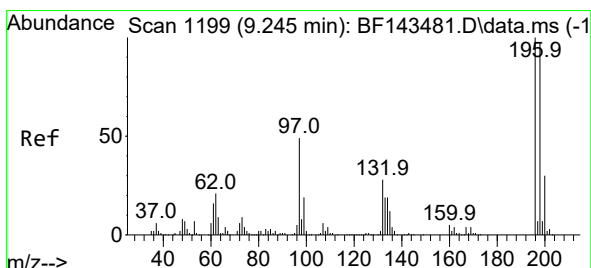
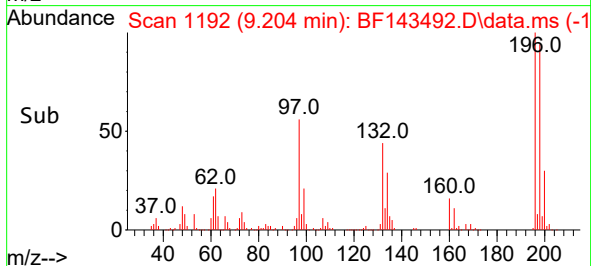
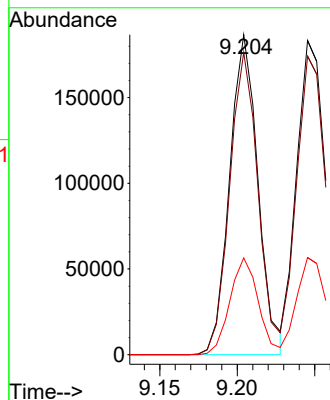
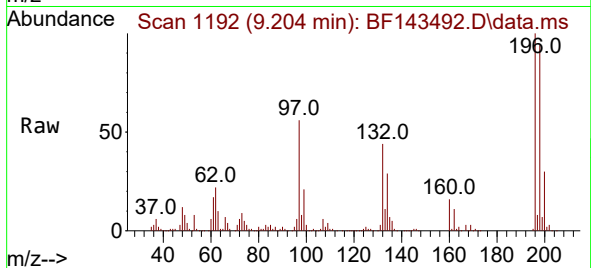
Tgt Ion:196 Resp: 237284

Ion Ratio Lower Upper

196 100

198 94.5 77.0 115.4

200 30.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.743 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Tgt Ion:196 Resp: 250079

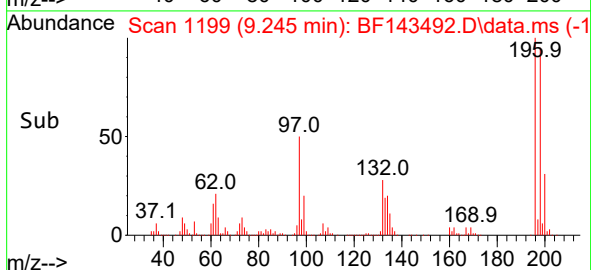
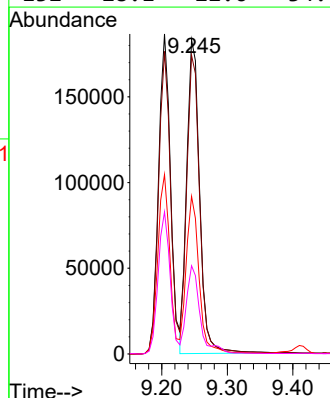
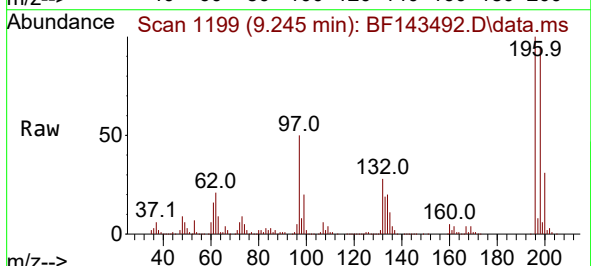
Ion Ratio Lower Upper

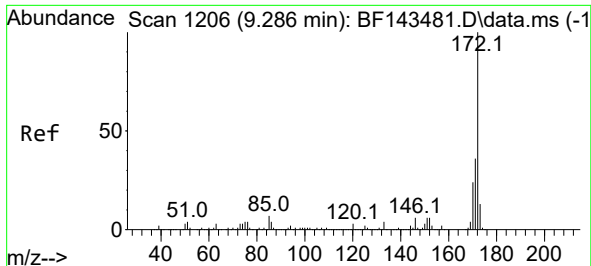
196 100

198 95.0 77.3 115.9

97 50.1 40.0 60.0

132 28.1 22.6 34.0

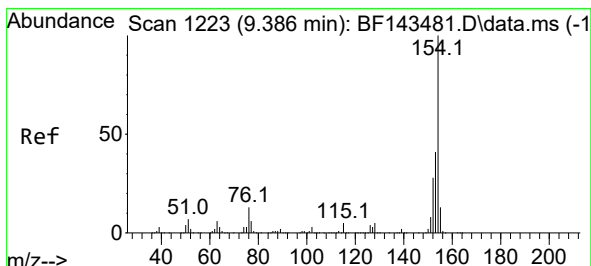
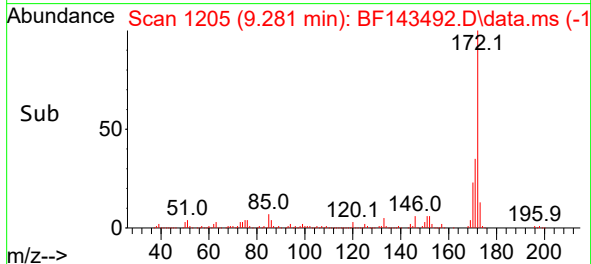
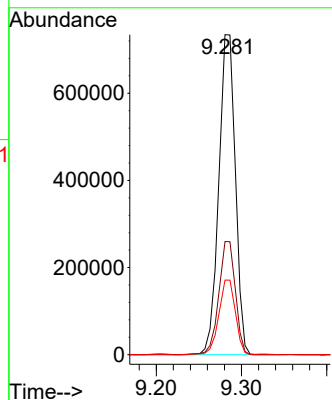
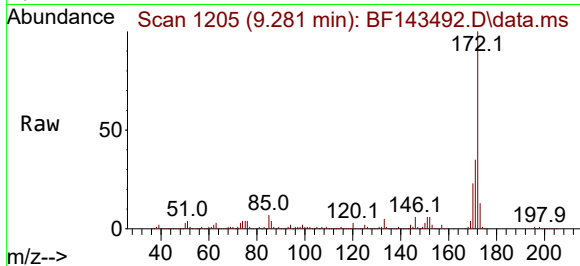




#45
2-Fluorobiphenyl
Concen: 57.806 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

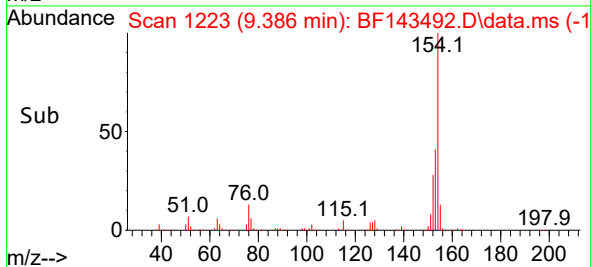
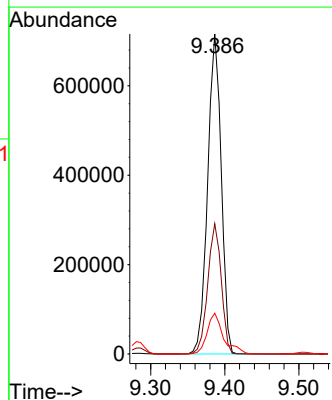
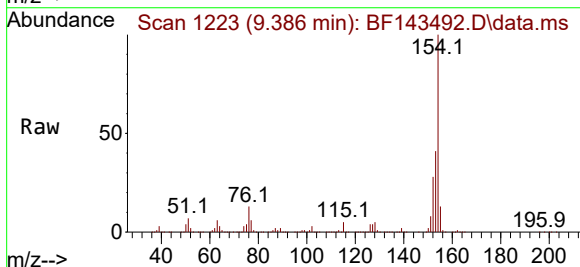
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

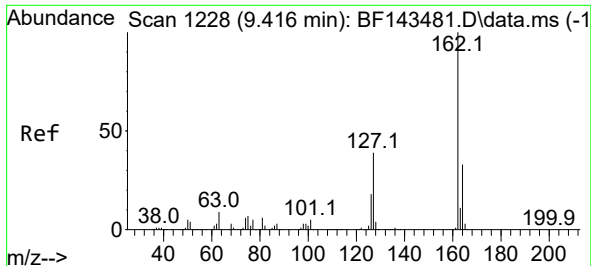
Tgt Ion:172 Resp: 994620
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.097 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:154 Resp: 910218
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.8 0.0 33.0

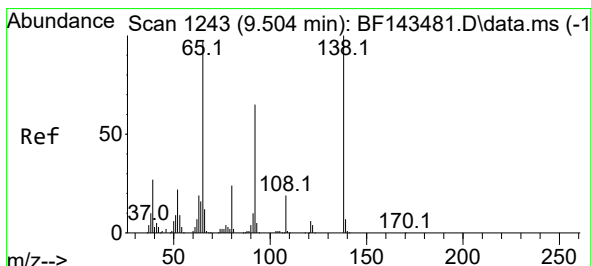
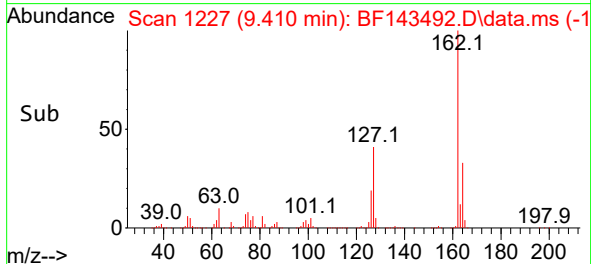
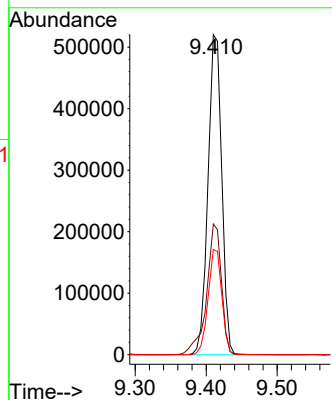
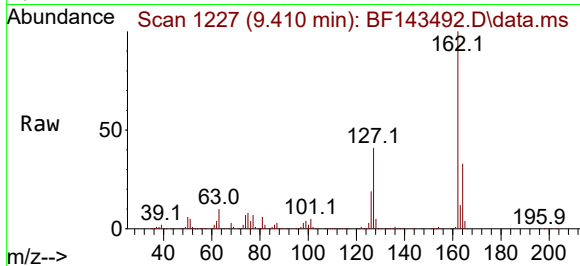




#47
 2-Chloronaphthalene
 Concen: 44.294 ng
 RT: 9.410 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

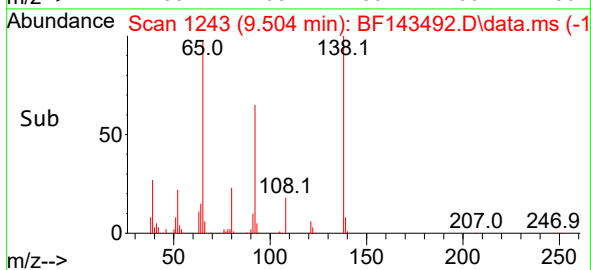
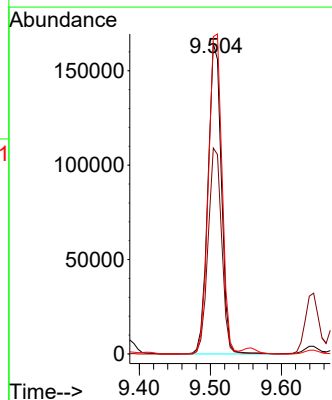
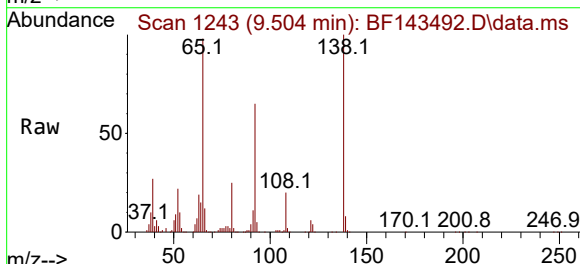
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMS

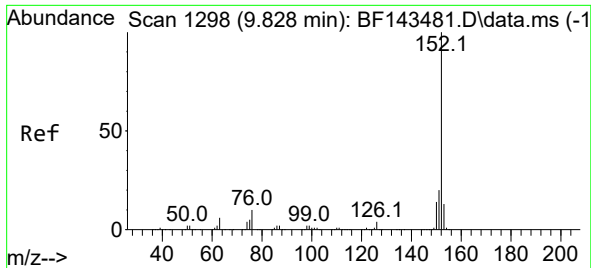
Tgt Ion:162	Resp: 701460
Ion Ratio	Lower Upper
162 100	
127 40.8	31.8 47.6
164 32.8	26.4 39.6



#48
 2-Nitroaniline
 Concen: 46.942 ng
 RT: 9.504 min Scan# 1243
 Delta R.T. -0.006 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

Tgt Ion: 65	Resp: 217562
Ion Ratio	Lower Upper
65 100	
92 66.4	53.8 80.6
138 102.3	82.4 123.6

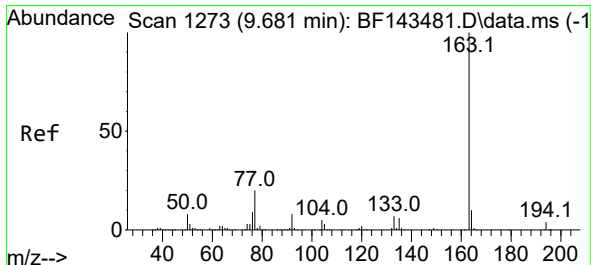
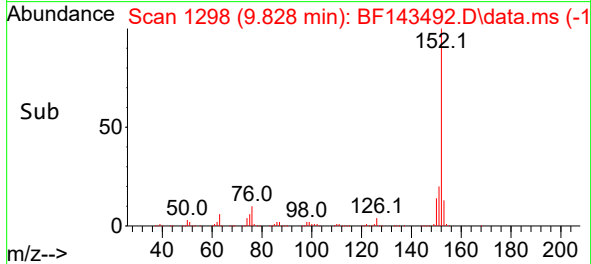
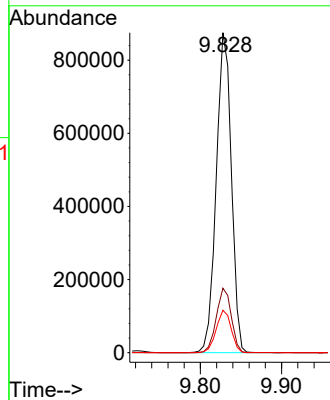
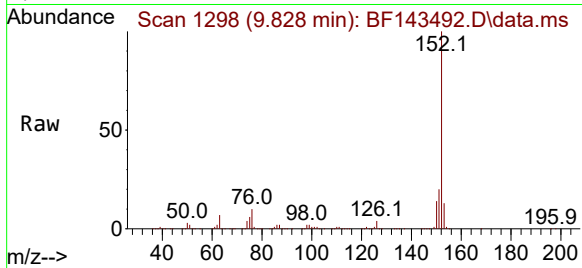




#49
Acenaphthylene
Concen: 49.946 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

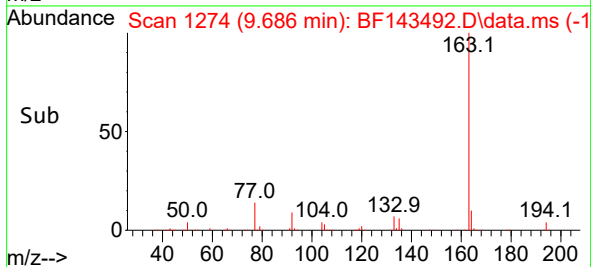
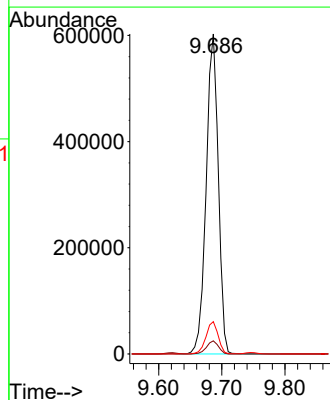
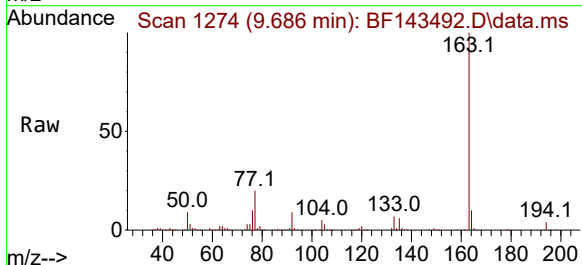
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

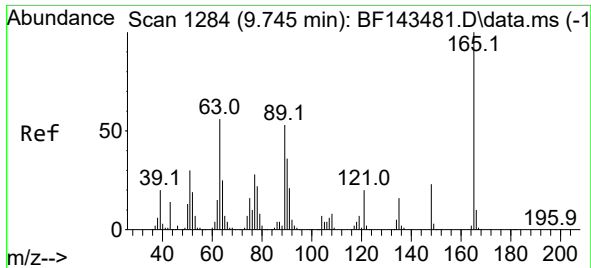
Tgt Ion:152 Resp: 1132543
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 46.858 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:163 Resp: 802514
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.2

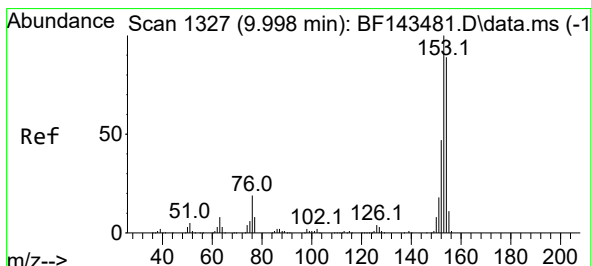
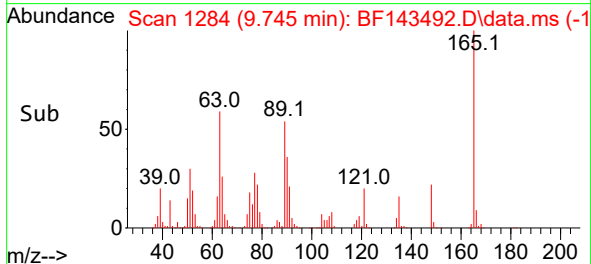
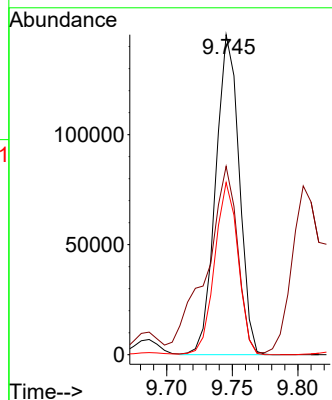
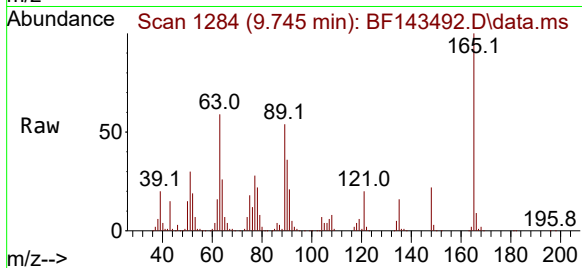




#51
2,6-Dinitrotoluene
Concen: 51.070 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

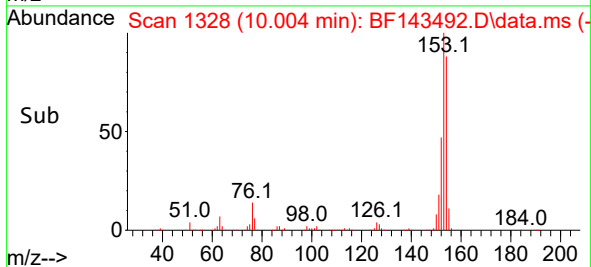
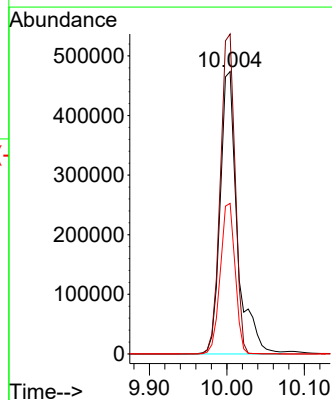
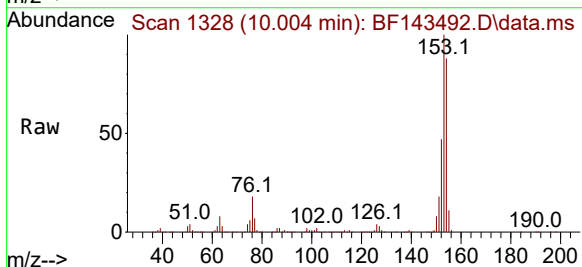
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

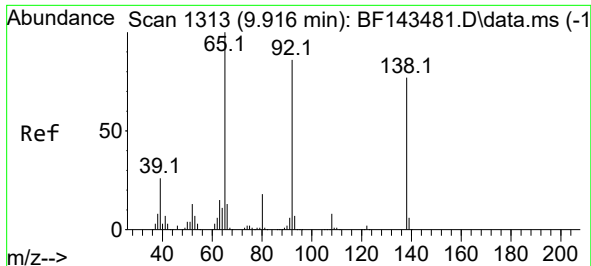
Tgt Ion:165 Resp: 181275
Ion Ratio Lower Upper
165 100
63 58.8 45.0 67.6
89 53.8 42.5 63.7



#52
Acenaphthene
Concen: 47.479 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:154 Resp: 730967
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 53.3 42.5 63.7

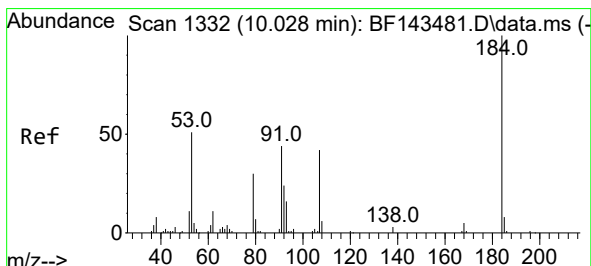
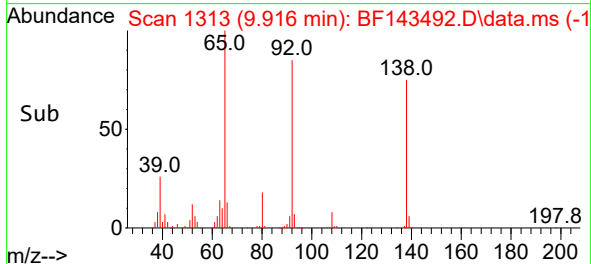
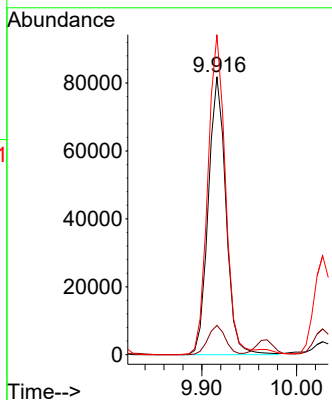
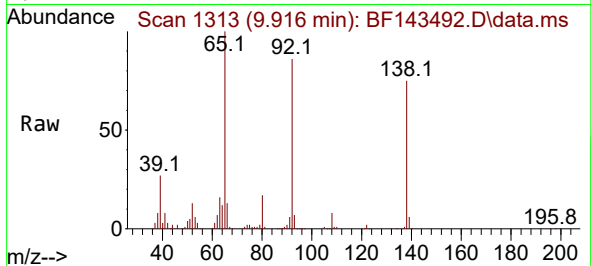




#53
3-Nitroaniline
Concen: 27.591 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

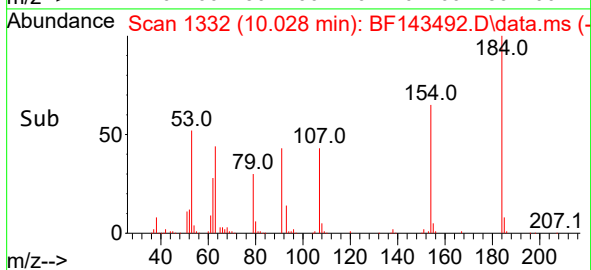
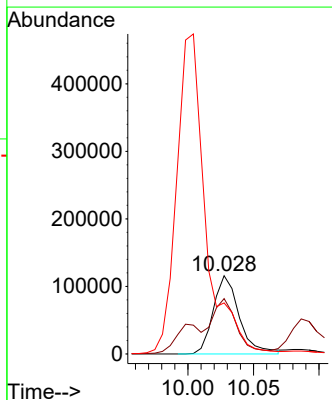
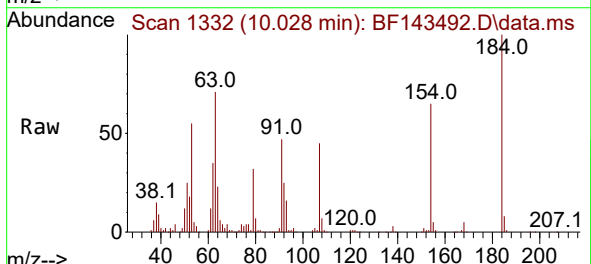
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

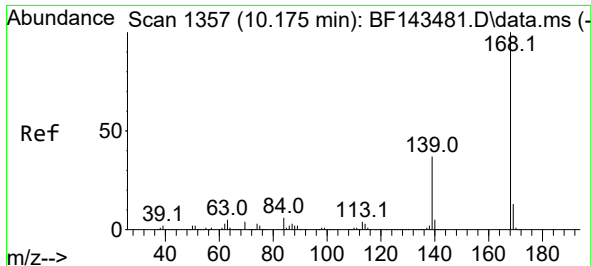
Tgt Ion:138 Resp: 105824
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 115.1 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 83.794 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:184 Resp: 159570
Ion Ratio Lower Upper
184 100
63 70.8 52.6 78.8
154 65.2 51.0 76.4

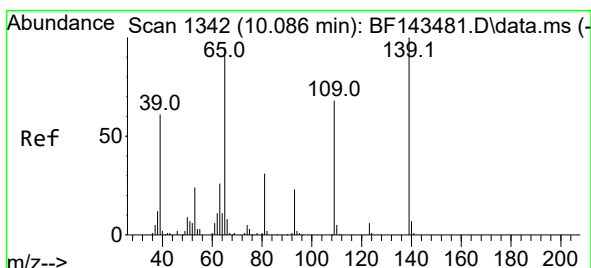
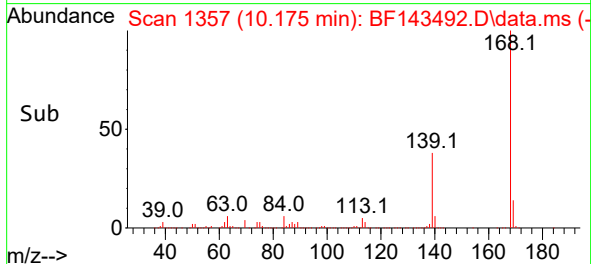
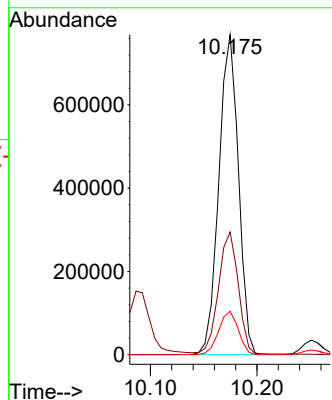
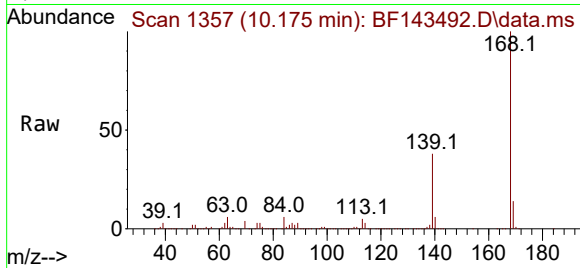




#55
Dibenzofuran
Concen: 44.537 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

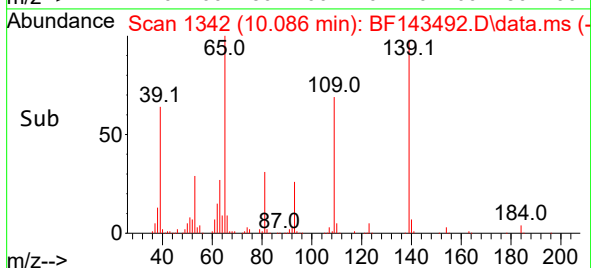
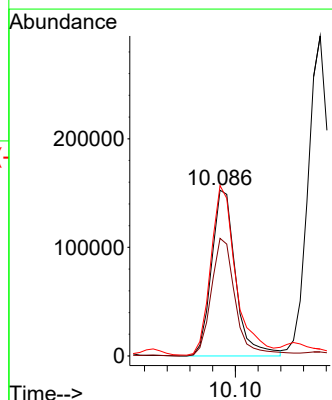
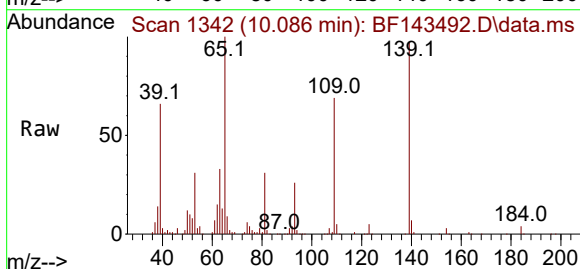
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

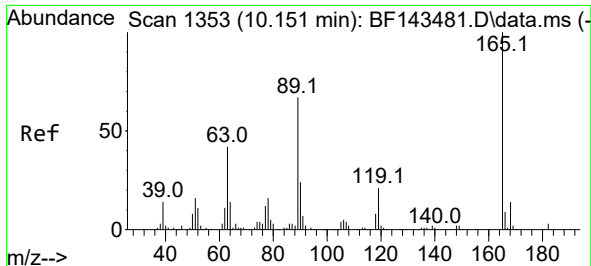
Tgt Ion:168 Resp: 977587
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 98.437 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:139 Resp: 224646
Ion Ratio Lower Upper
139 100
109 70.9 48.2 88.2
65 102.8 75.8 115.8

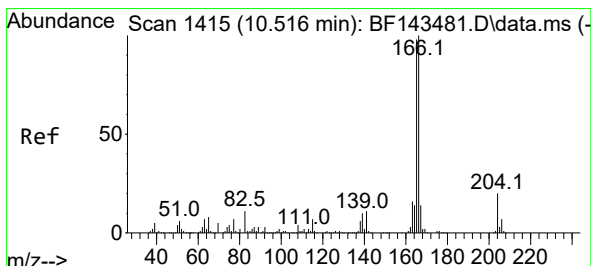
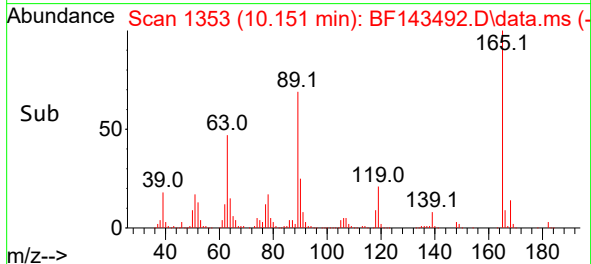
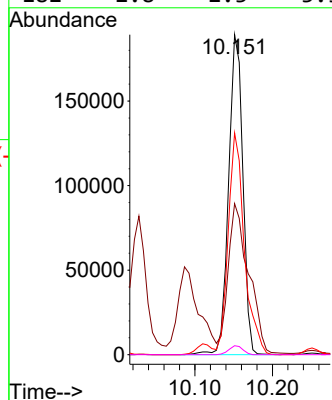
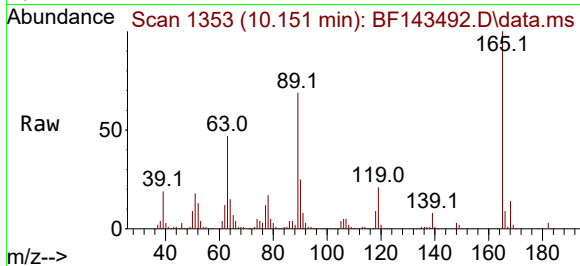




#57
2,4-Dinitrotoluene
Concen: 51.040 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

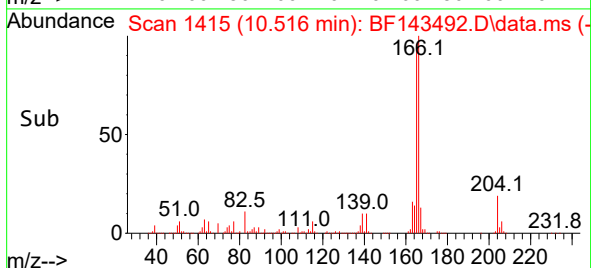
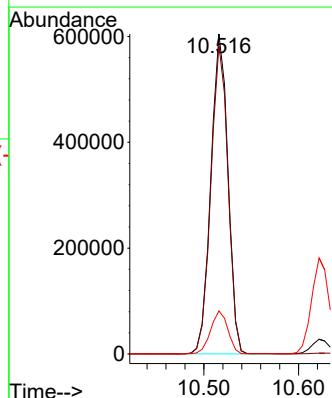
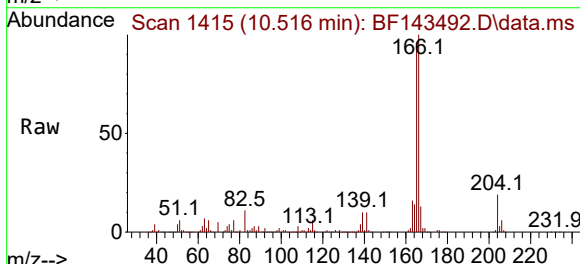
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

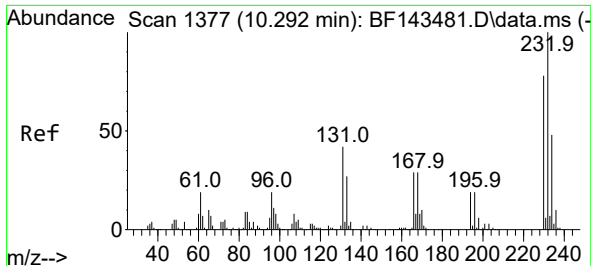
Tgt Ion:165 Resp: 241903
Ion Ratio Lower Upper
165 100
63 47.2 34.9 52.3
89 69.3 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 44.838 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

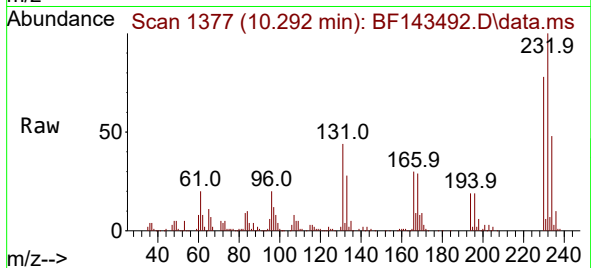
Tgt Ion:166 Resp: 757478
Ion Ratio Lower Upper
166 100
165 96.5 78.3 117.5
167 13.5 11.0 16.4



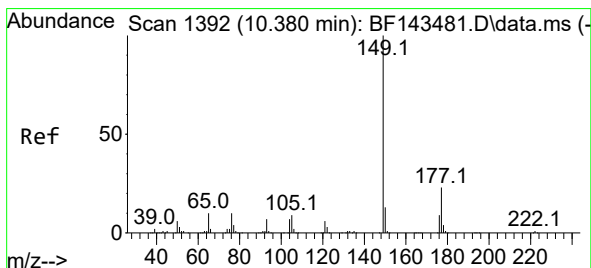
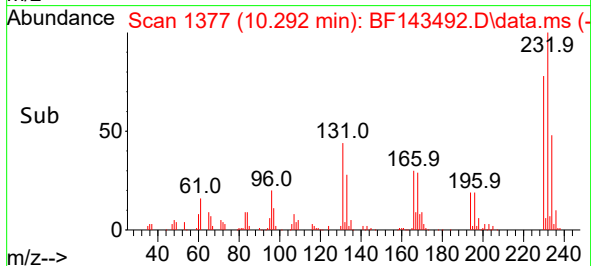
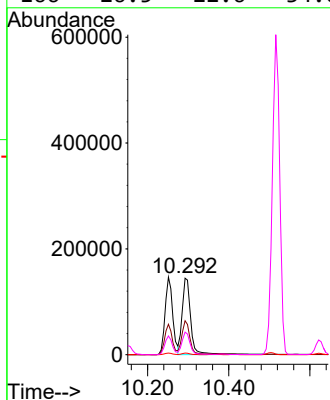


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.829 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

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

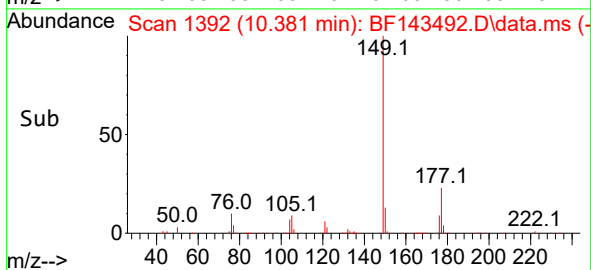
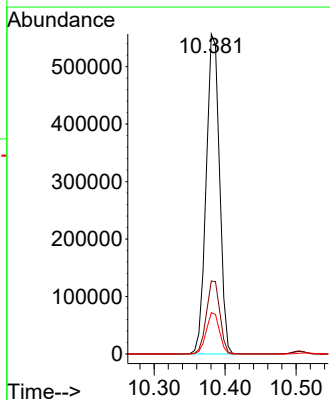
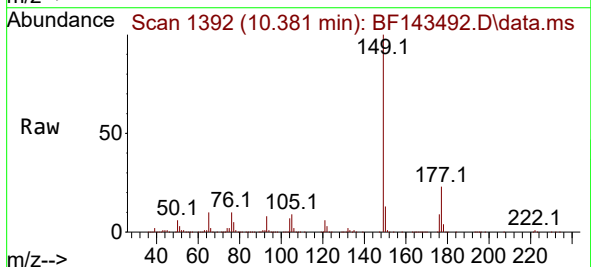


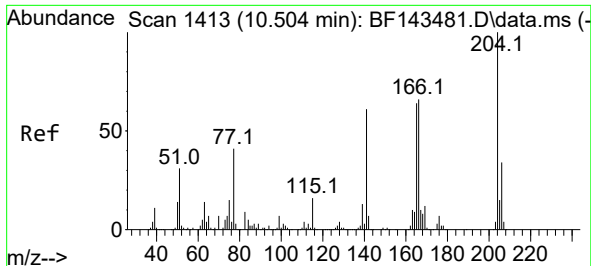
Tgt Ion:232 Resp: 210511
Ion Ratio Lower Upper
232 100
131 41.3 32.7 49.1
130 1.9 1.6 2.4
166 26.5 22.6 34.0



#60
Diethylphthalate
Concen: 47.439 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:149 Resp: 728414
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.9 10.3 15.5

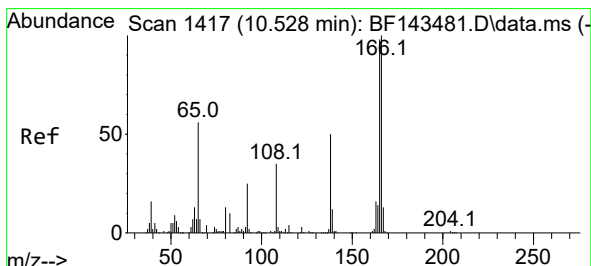
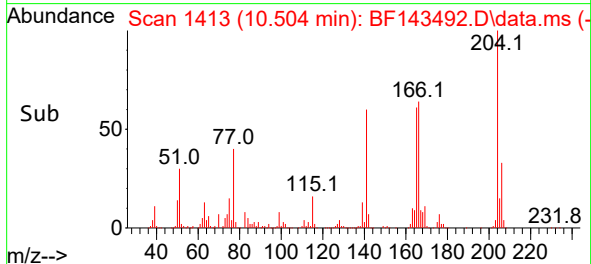
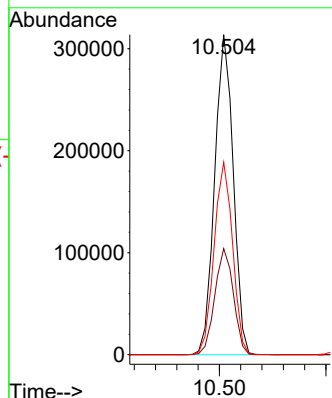
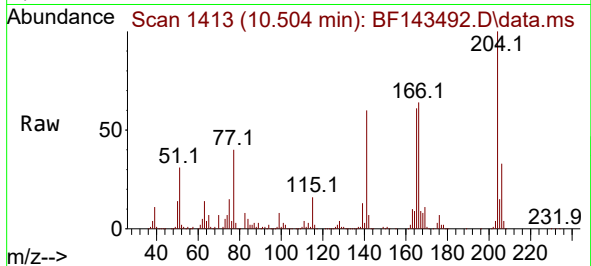




#61
4-Chlorophenyl-phenylether
Concen: 44.951 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

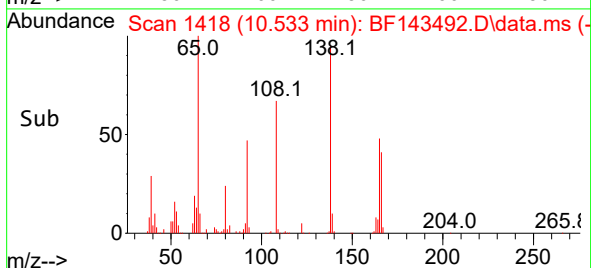
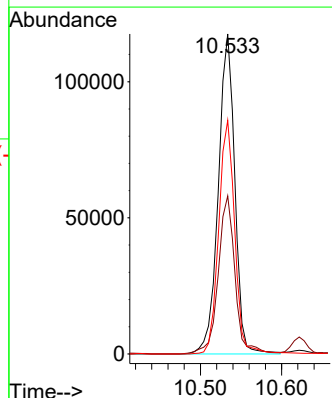
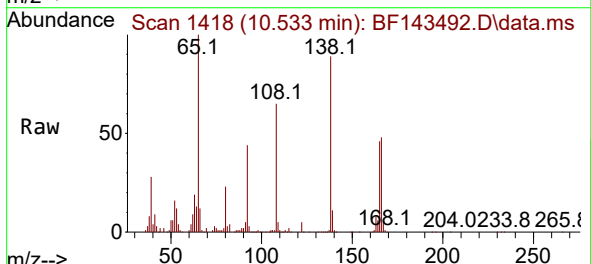
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

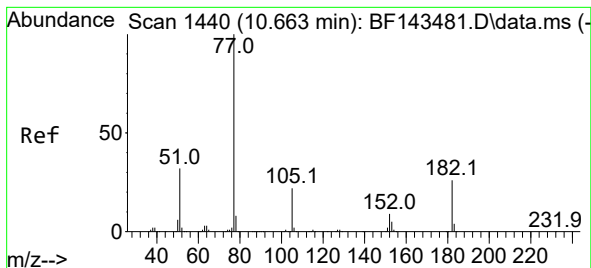
Tgt Ion:204 Resp: 379778
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 60.1 48.7 73.1



#62
4-Nitroaniline
Concen: 47.340 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:138 Resp: 166777
Ion Ratio Lower Upper
138 100
92 49.4 29.3 69.3
108 73.0 50.7 90.7





#63

Azobenzene

Concen: 50.320 ng

RT: 10.663 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

Tgt Ion: 77 Resp: 801156

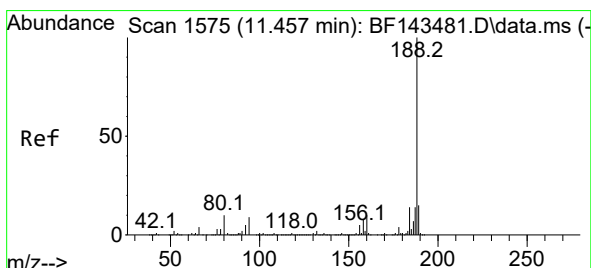
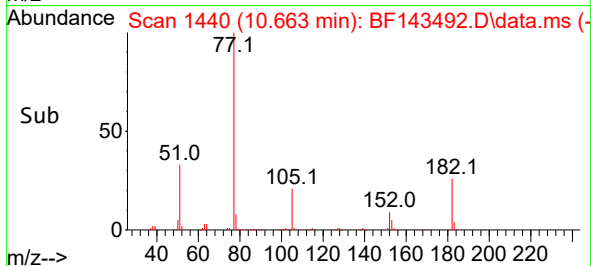
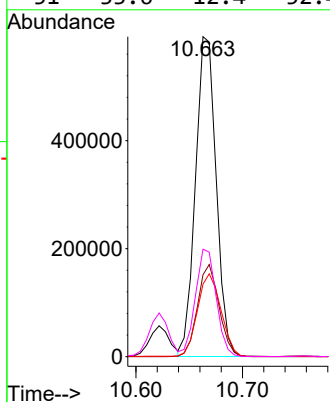
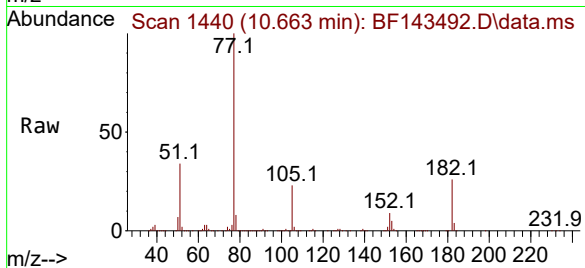
Ion Ratio Lower Upper

77 100

182 25.6 6.2 46.2

105 22.7 2.2 42.2

51 33.6 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: BF143492.D

Acq: 20 Aug 2025 18:41

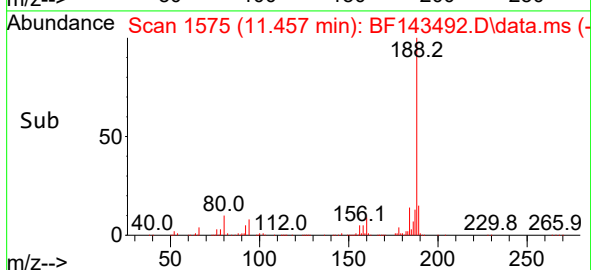
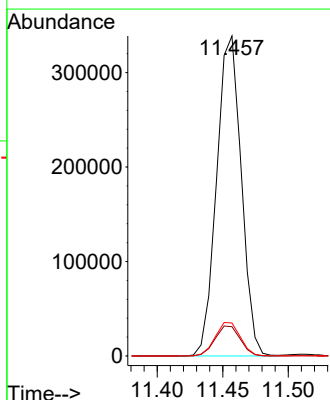
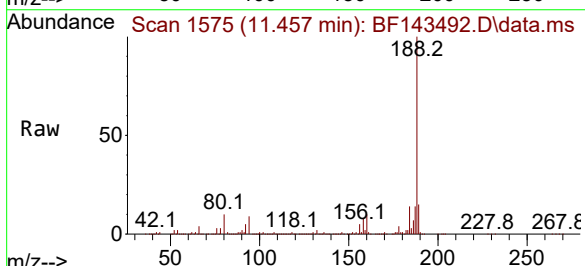
Tgt Ion:188 Resp: 443017

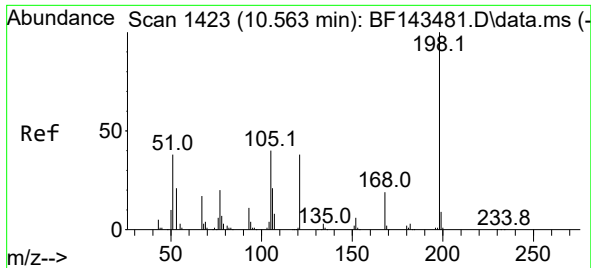
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.3 8.2 12.4

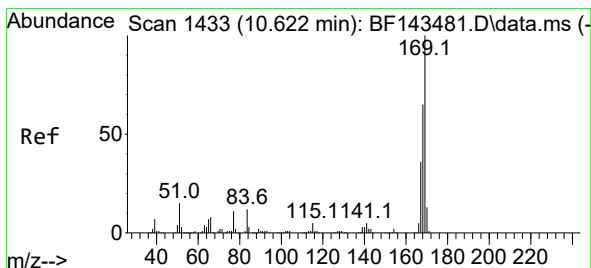
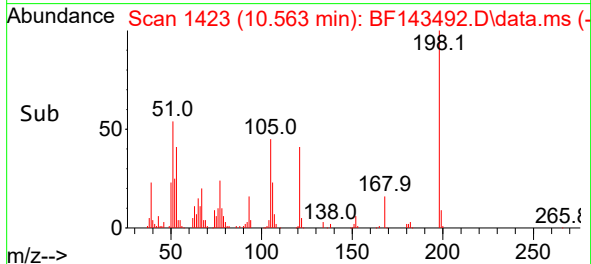
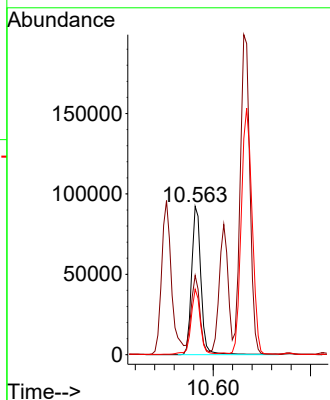
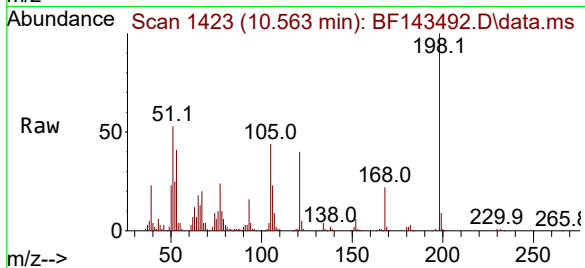




#65
4,6-Dinitro-2-methylphenol
Concen: 49.621 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

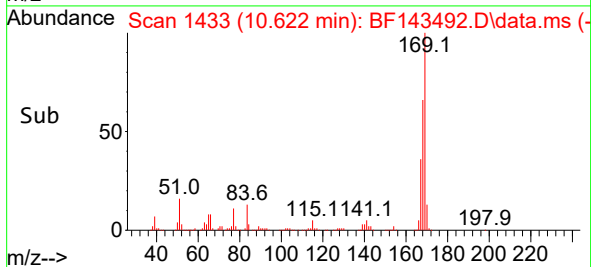
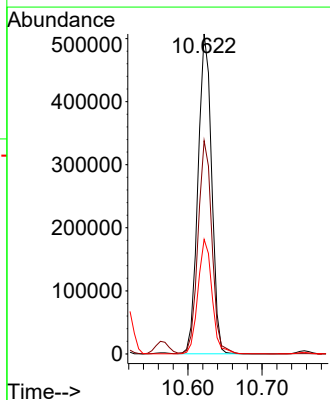
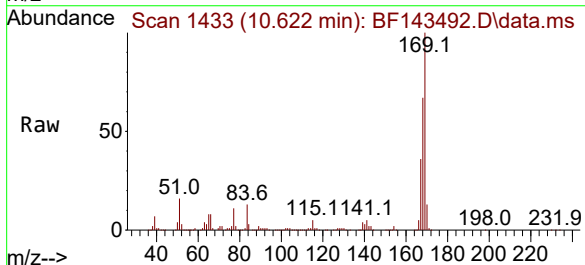
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

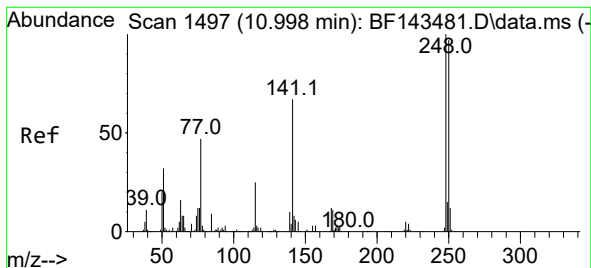
Tgt Ion:198 Resp: 123949
Ion Ratio Lower Upper
198 100
51 53.4 29.6 69.6
105 44.2 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 45.199 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:169 Resp: 644412
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 35.8 28.9 43.3

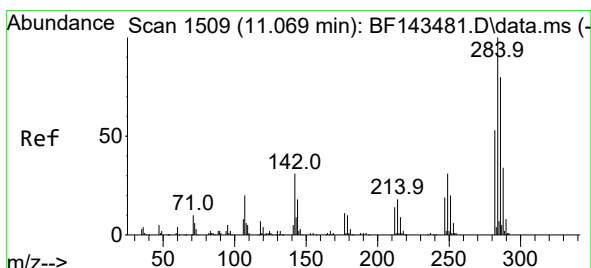
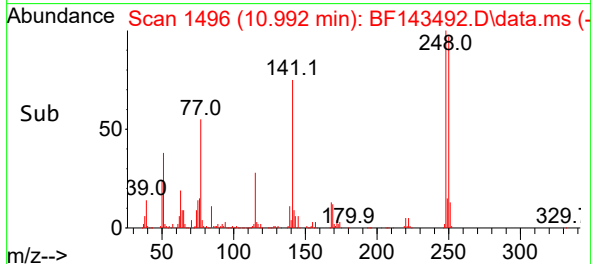
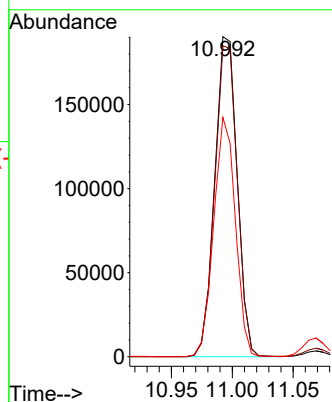
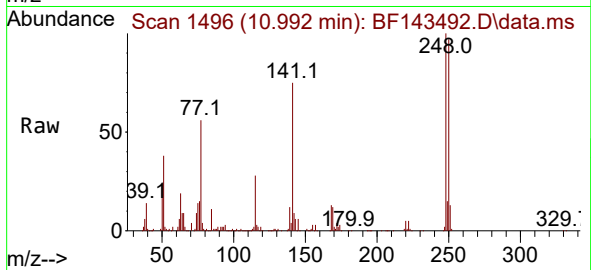




#67
4-Bromophenyl-phenylether
Concen: 46.282 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

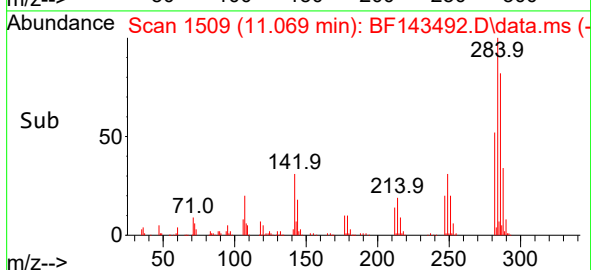
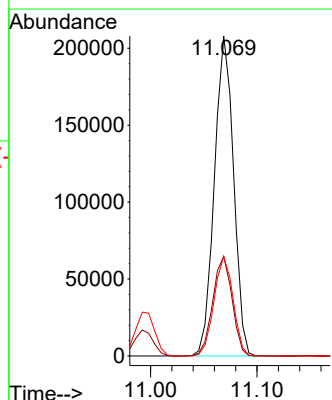
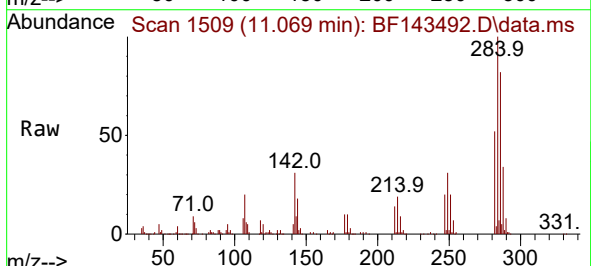
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

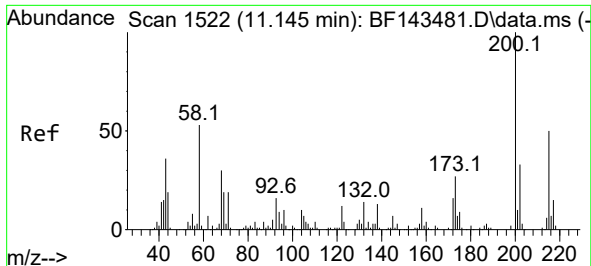
Tgt Ion:248 Resp: 244641
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 74.8 54.0 81.0



#68
Hexachlorobenzene
Concen: 45.619 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:284 Resp: 259928
Ion Ratio Lower Upper
284 100
142 31.1 24.4 36.6
249 31.1 25.0 37.6

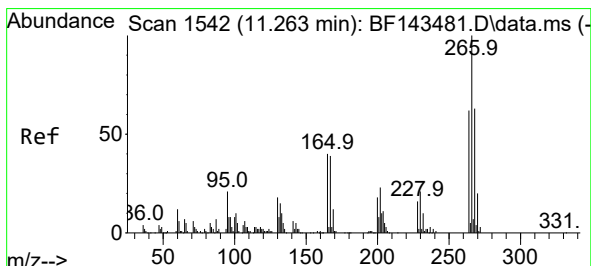
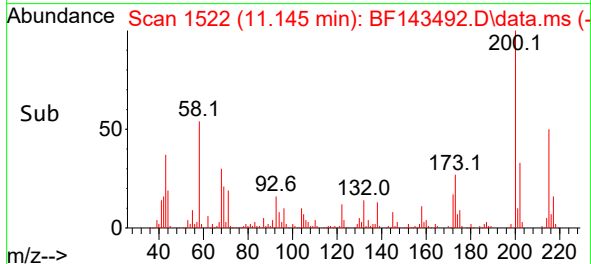
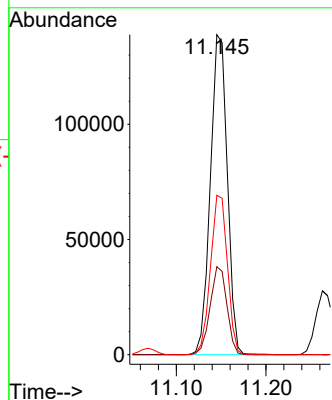
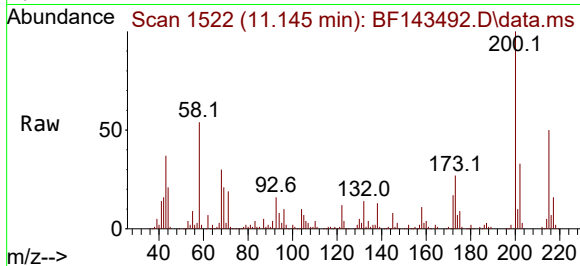




#69
Atrazine
Concen: 49.447 ng
RT: 11.145 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

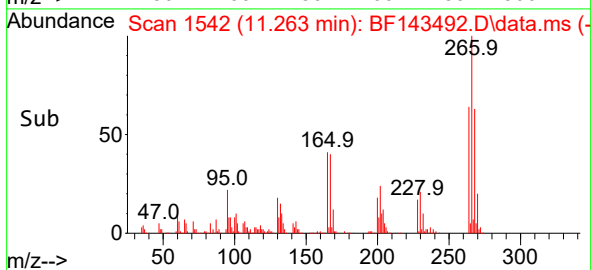
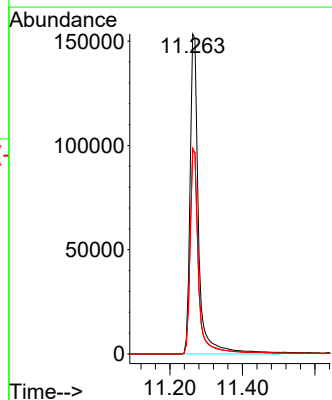
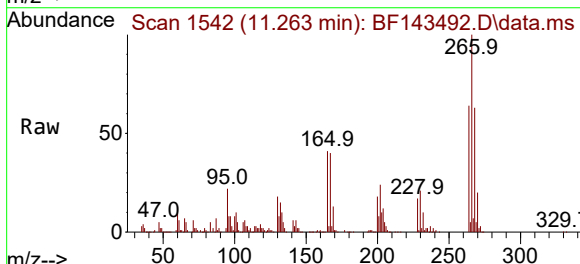
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS

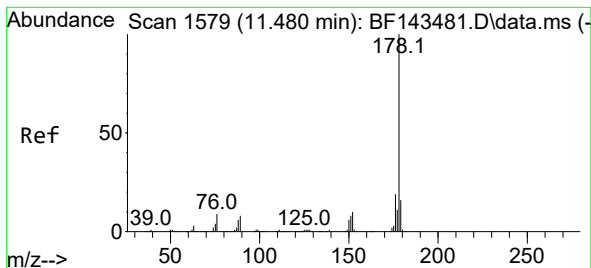
Tgt Ion:200 Resp: 181980
Ion Ratio Lower Upper
200 100
173 27.5 6.9 46.9
215 49.8 30.0 70.0



#70
Pentachlorophenol
Concen: 96.136 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

Tgt Ion:266 Resp: 250868
Ion Ratio Lower Upper
266 100
268 63.4 50.5 75.7
264 64.4 49.8 74.8





#71

Phenanthrene

Concen: 44.599 ng

RT: 11.480 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

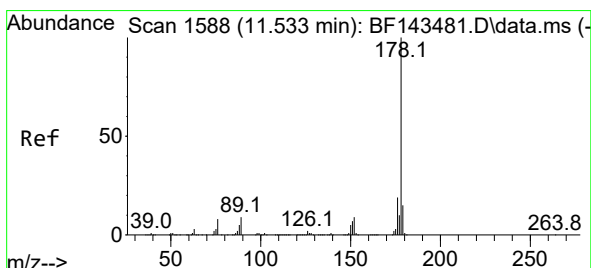
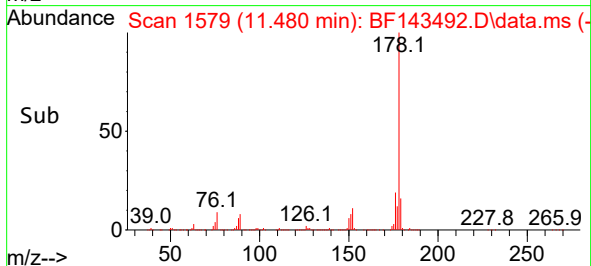
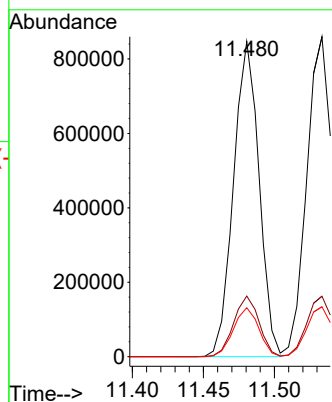
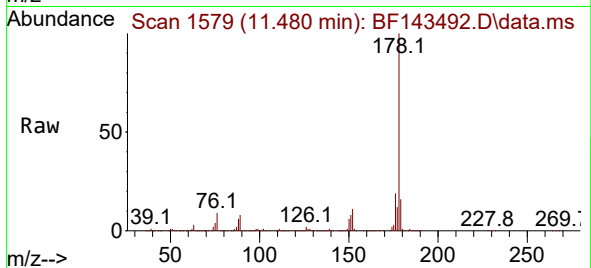
Tgt Ion:178 Resp: 1058088

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.5 18.7



#72

Anthracene

Concen: 45.418 ng

RT: 11.533 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

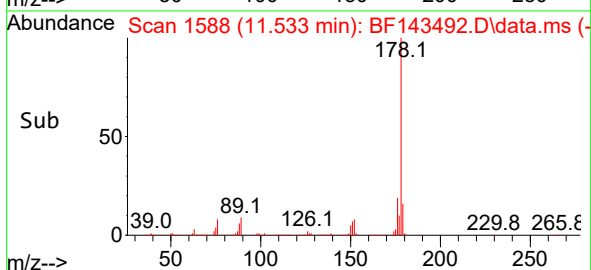
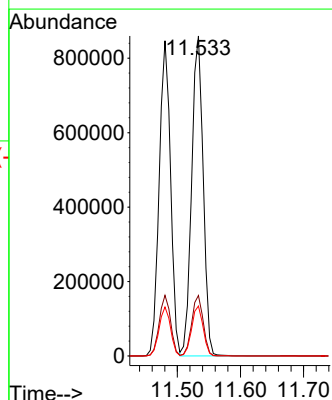
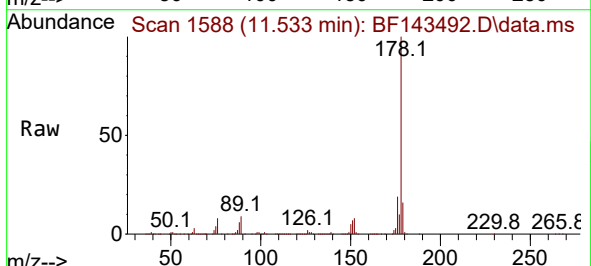
Tgt Ion:178 Resp: 1091560

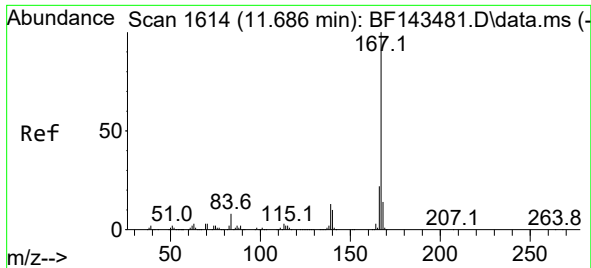
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.6 12.3 18.5

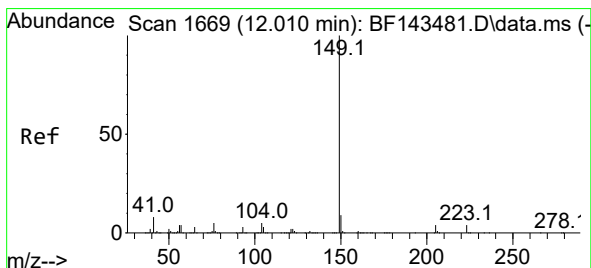
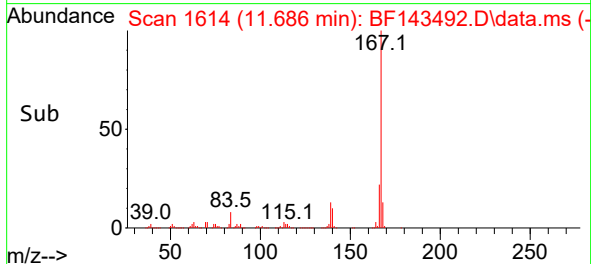
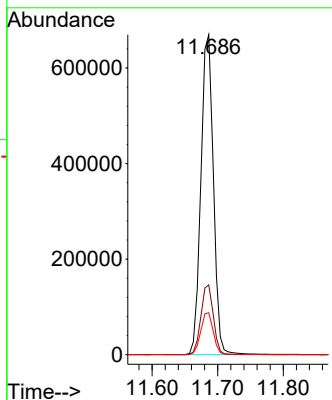
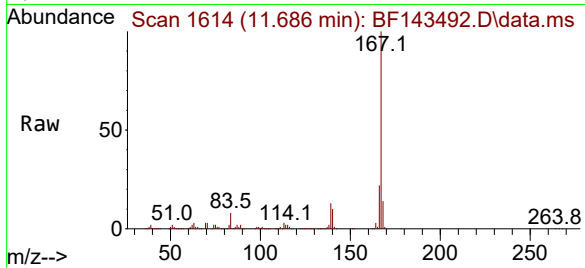




#73
 Carbazole
 Concen: 45.223 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

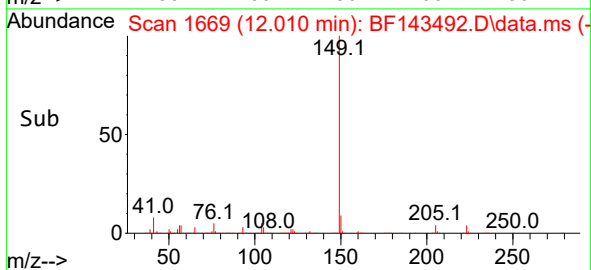
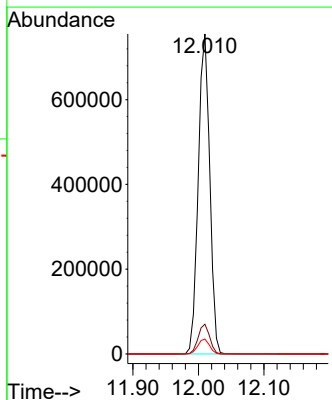
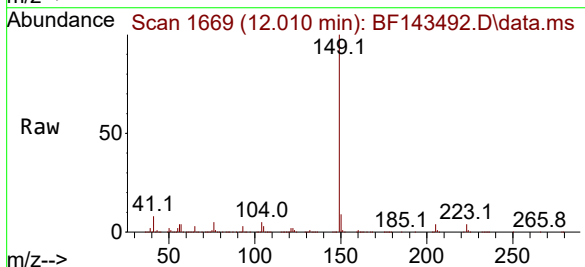
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMS

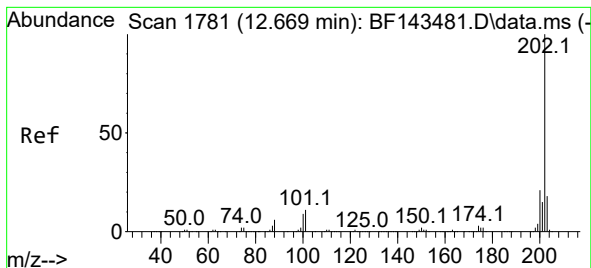
Tgt Ion:167 Resp: 890583
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 50.110 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

Tgt Ion:149 Resp: 920596
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 43.927 ng

RT: 12.669 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

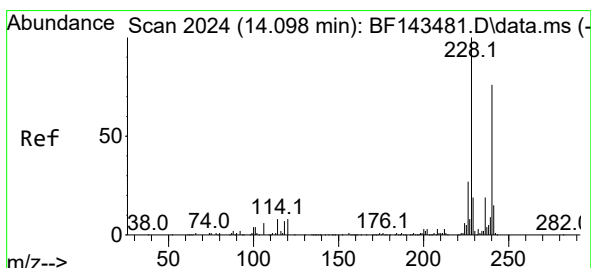
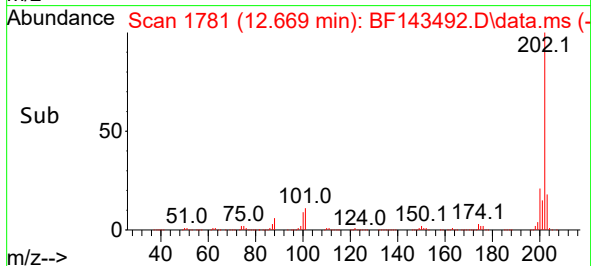
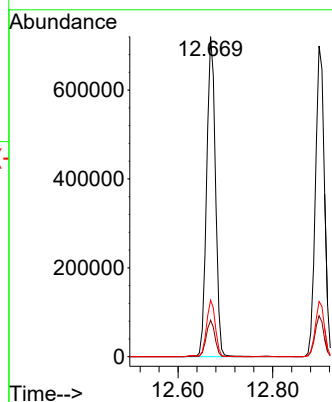
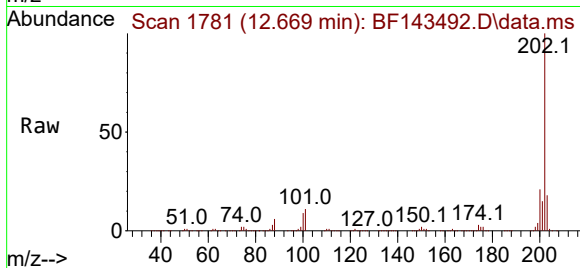
Tgt Ion:202 Resp: 935114

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

203 17.7 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: BF143492.D

Acq: 20 Aug 2025 18:41

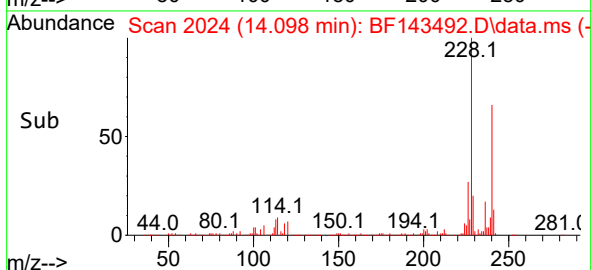
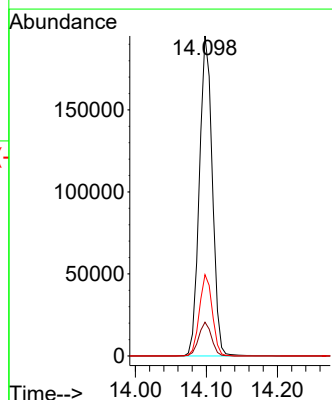
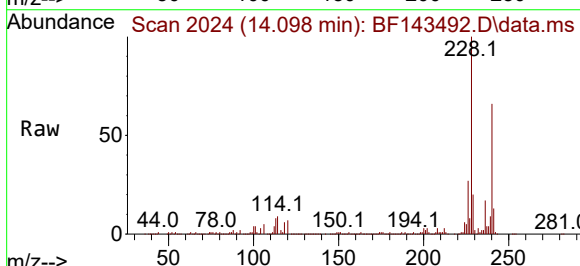
Tgt Ion:240 Resp: 247894

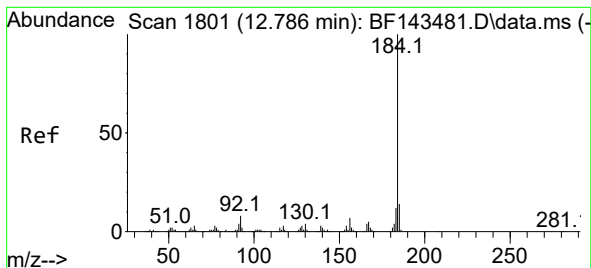
Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.4 20.4 30.6





#77

Benzidine

Concen: 44.181 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

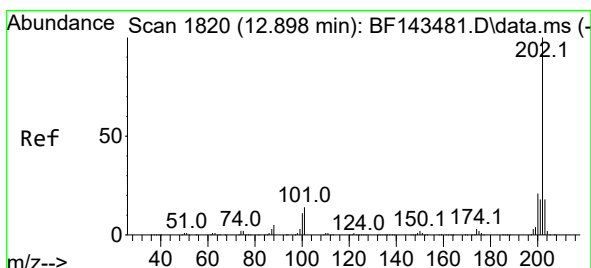
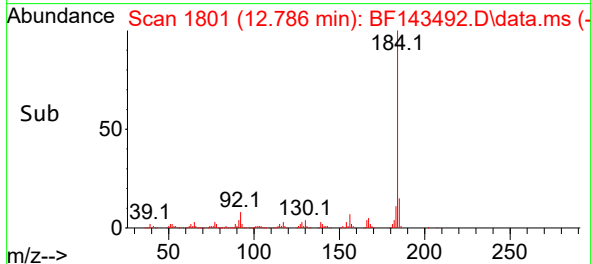
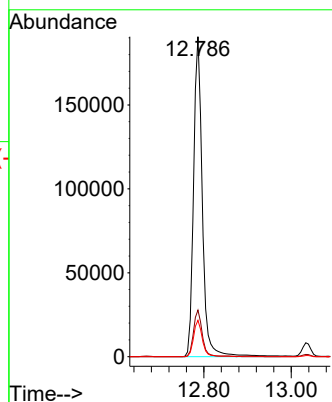
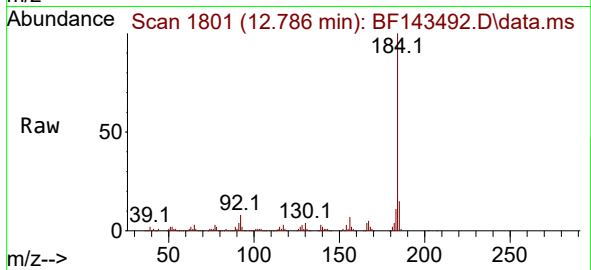
Tgt Ion:184 Resp: 266782

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 11.4 9.5 14.3



#78

Pyrene

Concen: 45.148 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

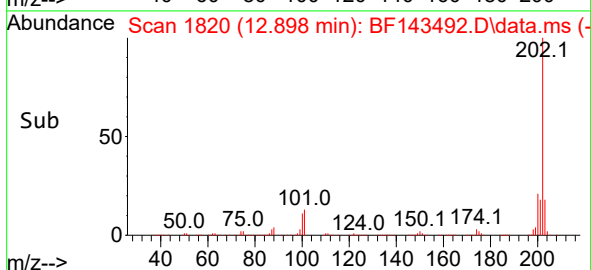
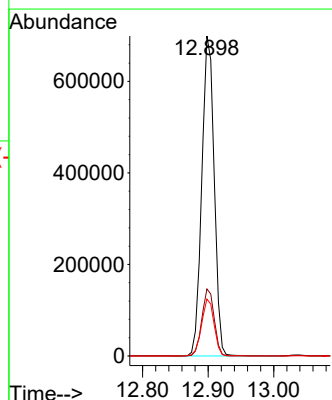
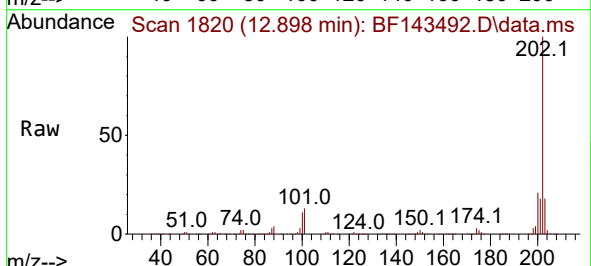
Tgt Ion:202 Resp: 920612

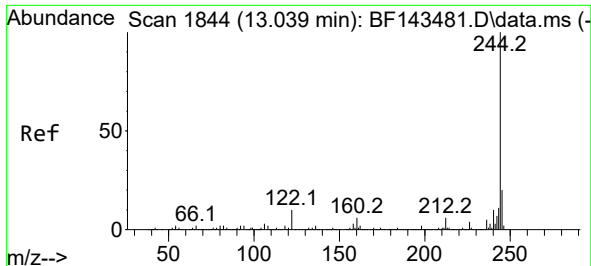
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.8 14.3 21.5

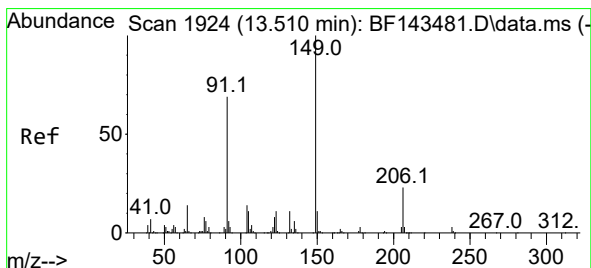
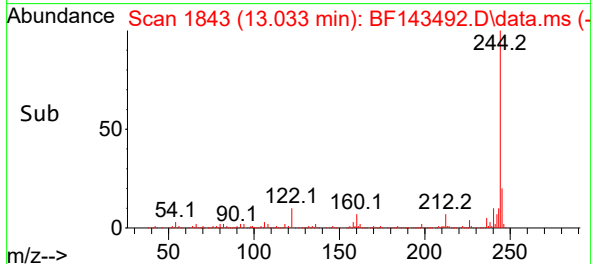
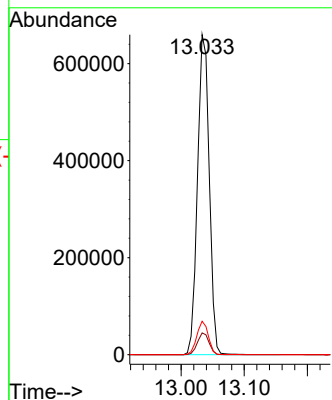
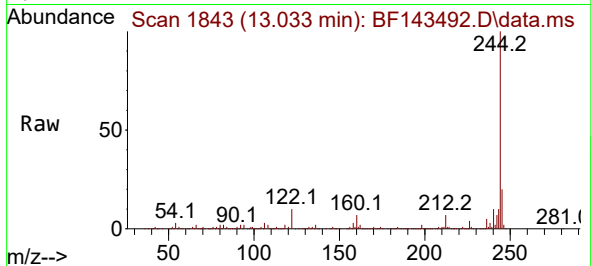




#79
 Terphenyl-d14
 Concen: 59.798 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

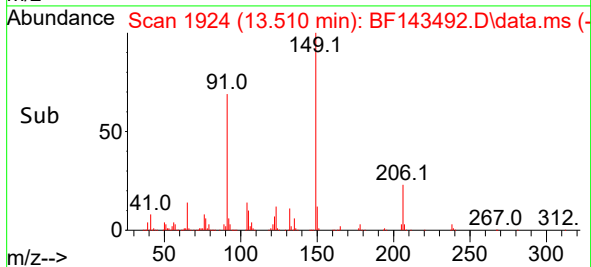
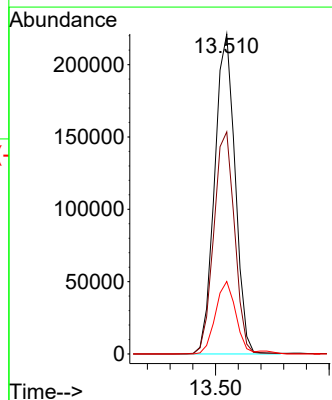
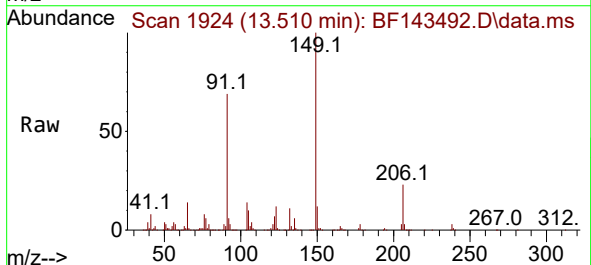
Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMS

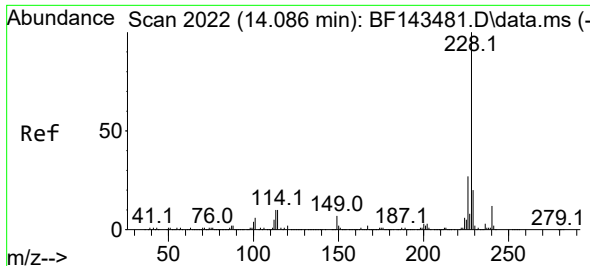
Tgt Ion:244 Resp: 849472
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 10.5 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 49.674 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF143492.D
 Acq: 20 Aug 2025 18:41

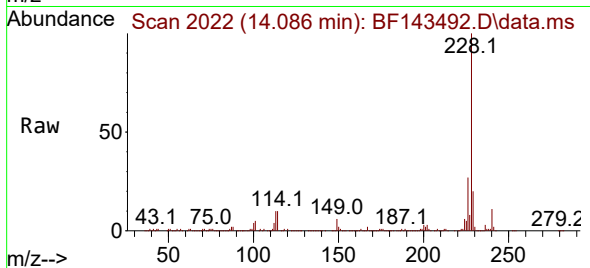
Tgt Ion:149 Resp: 276711
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.3 82.9
 206 22.7 18.2 27.4



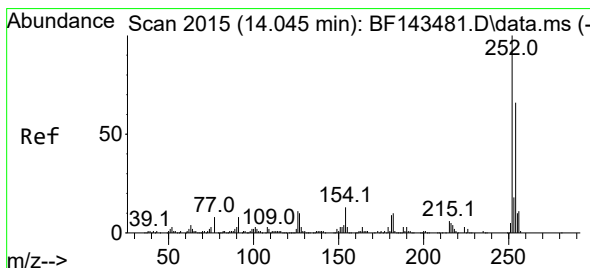
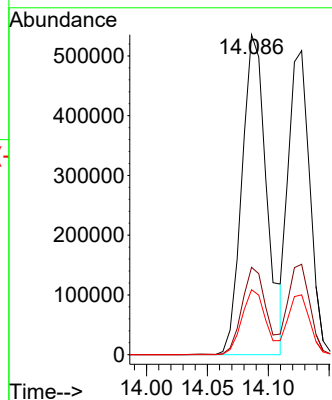
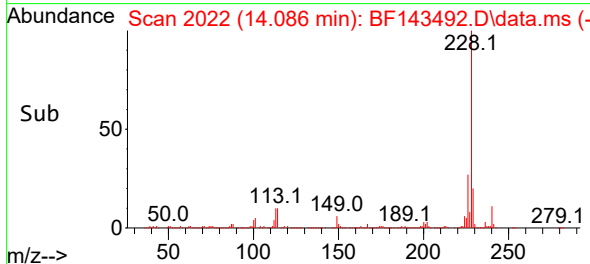


#81
Benzo(a)anthracene
Concen: 47.380 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41

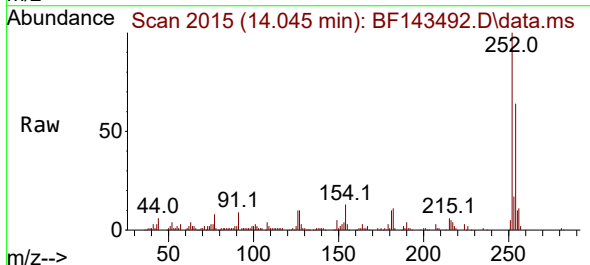
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-SOUTH-EMS



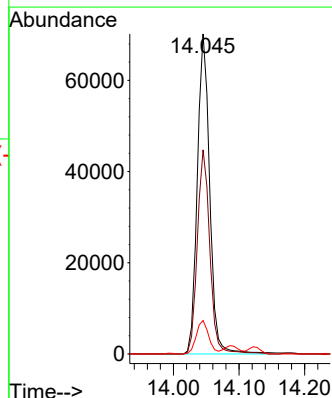
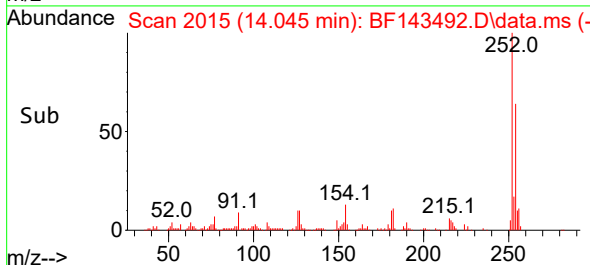
Tgt Ion:228 Resp: 756171
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.3 15.7 23.5

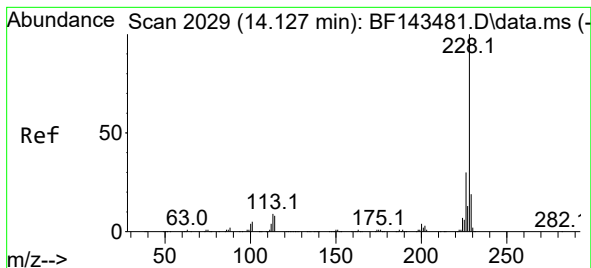


#82
3,3'-Dichlorobenzidine
Concen: 20.269 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143492.D
Acq: 20 Aug 2025 18:41



Tgt Ion:252 Resp: 92641
Ion Ratio Lower Upper
252 100
254 63.8 52.6 79.0
126 10.5 8.7 13.1





#83

Chrysene

Concen: 43.344 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

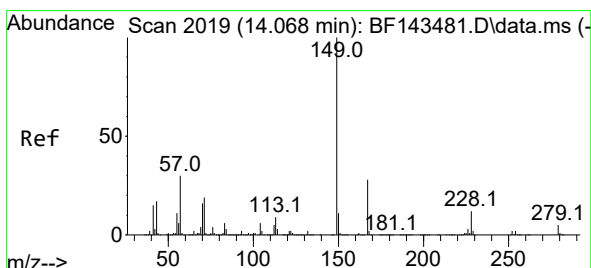
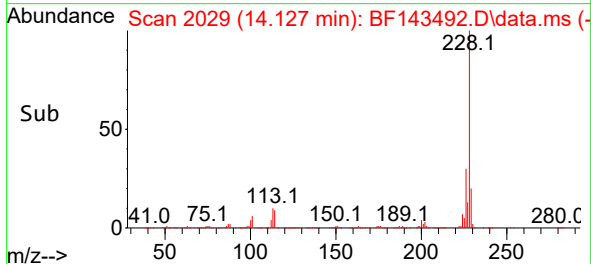
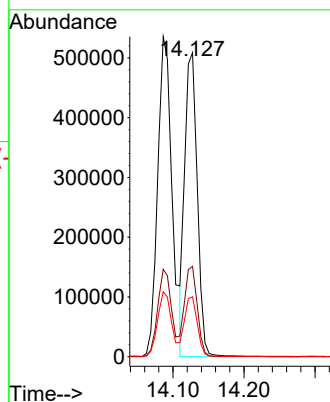
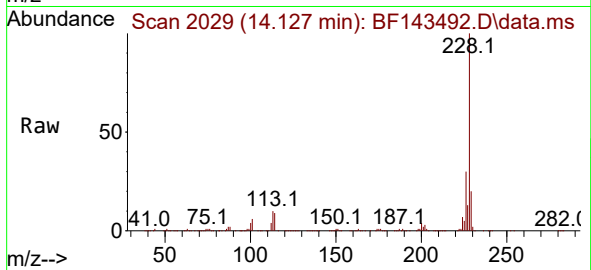
Tgt Ion:228 Resp: 621651

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.297 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

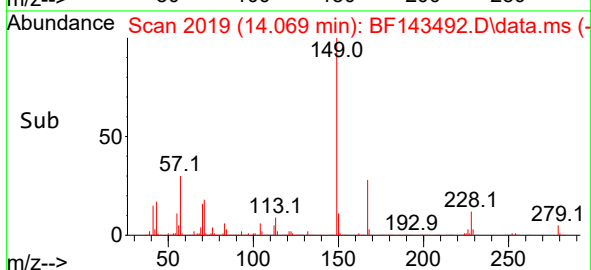
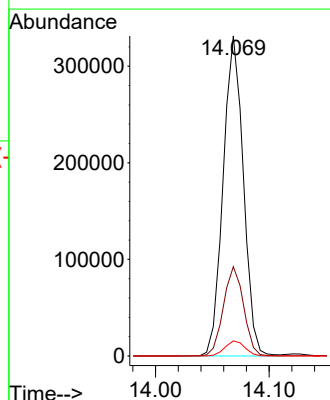
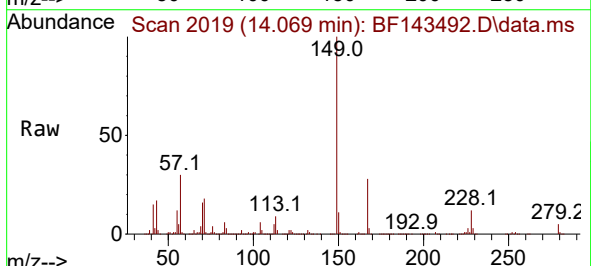
Tgt Ion:149 Resp: 409766

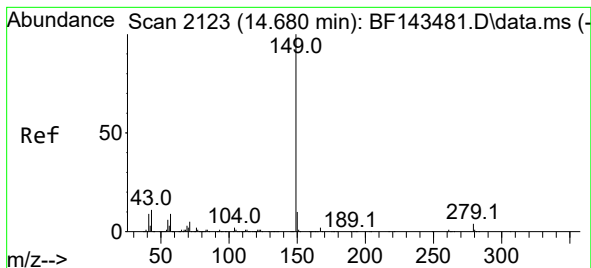
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.595 ng

RT: 14.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

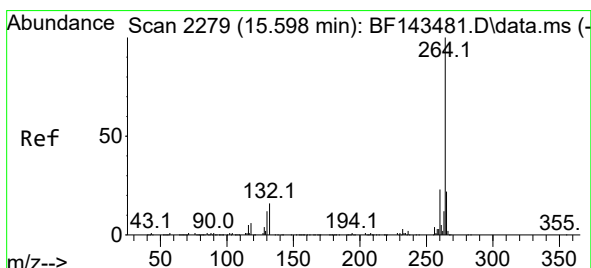
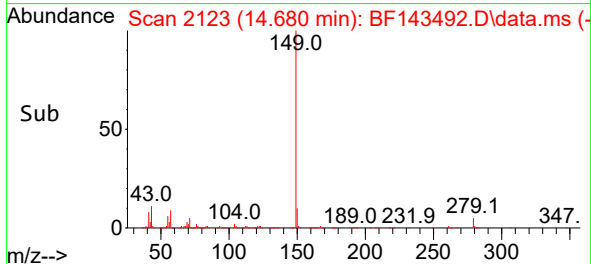
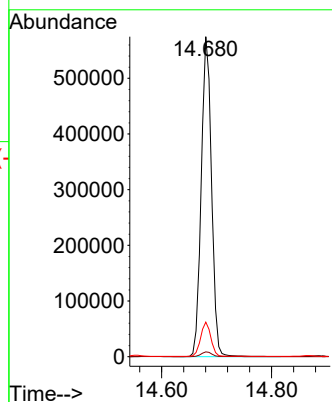
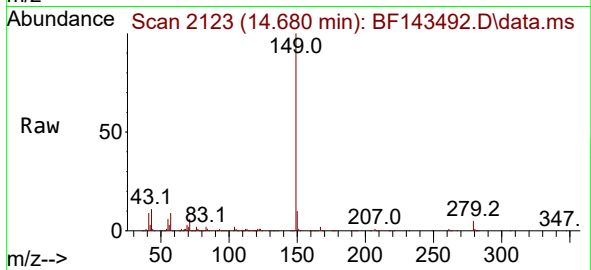
Tgt Ion:149 Resp: 748067

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

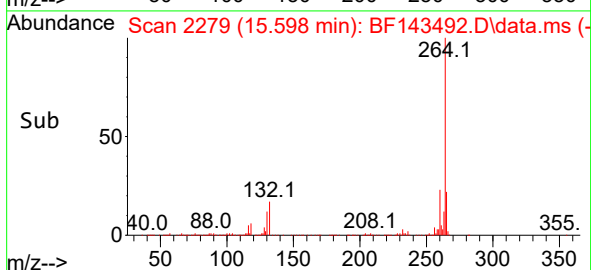
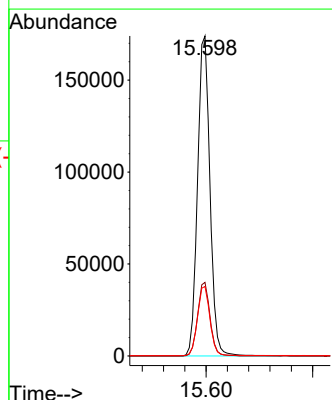
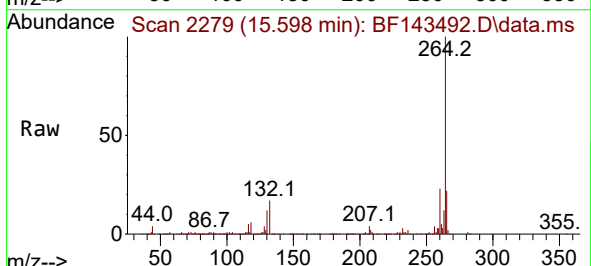
Tgt Ion:264 Resp: 280470

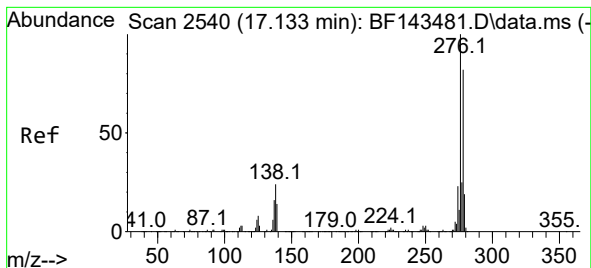
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.998 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

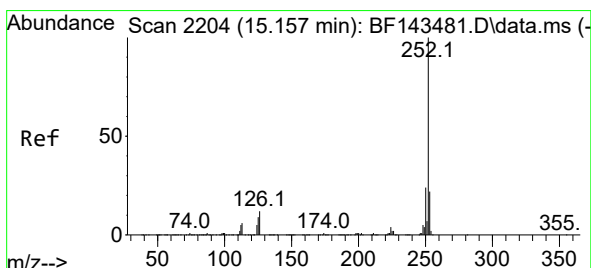
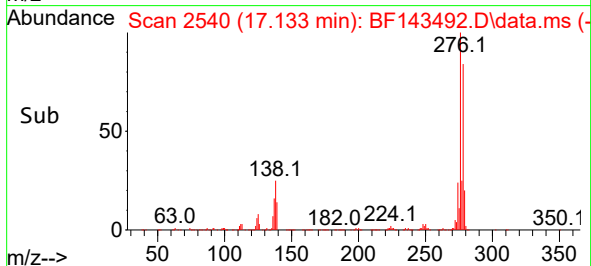
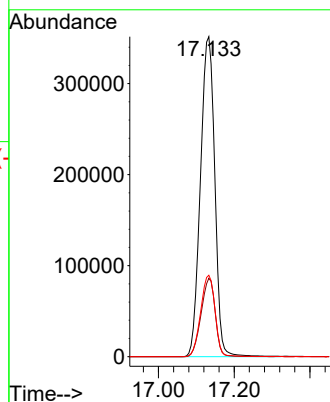
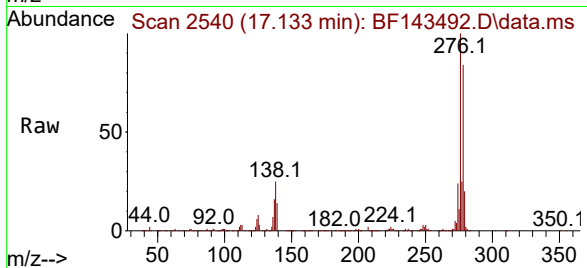
Tgt Ion:276 Resp: 927072

Ion Ratio Lower Upper

276 100

138 24.1 19.2 28.8

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.944 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

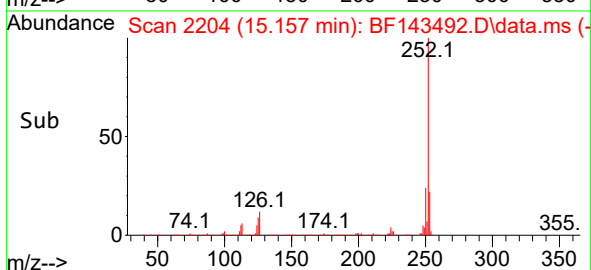
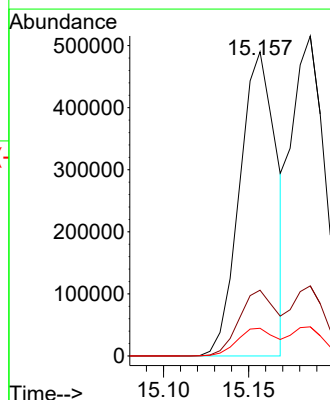
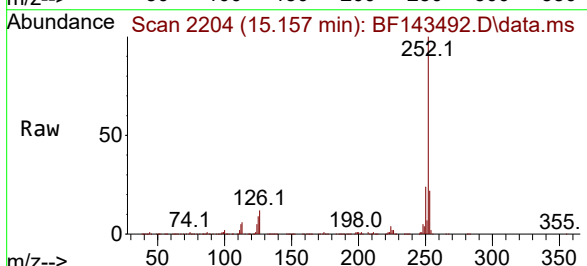
Tgt Ion:252 Resp: 731867

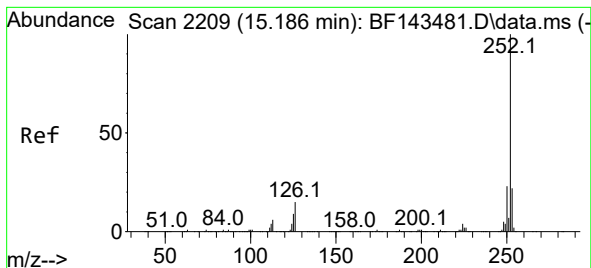
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.624 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

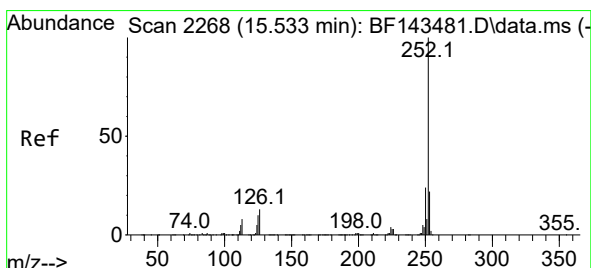
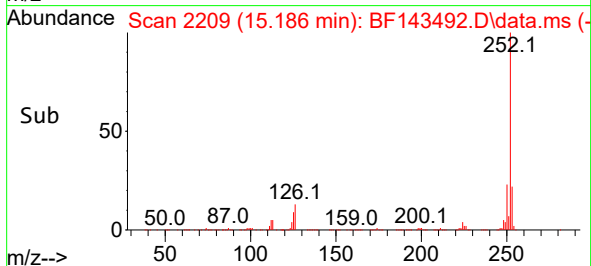
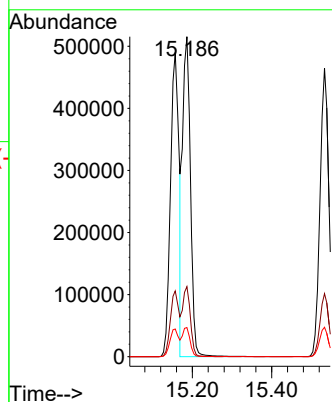
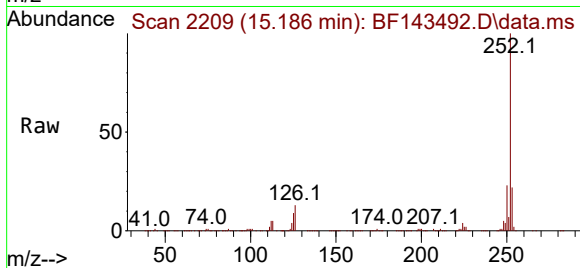
Tgt Ion:252 Resp: 710877

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.740 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

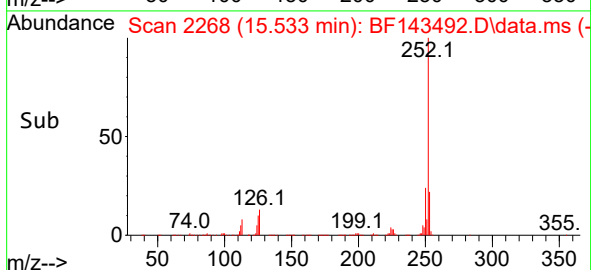
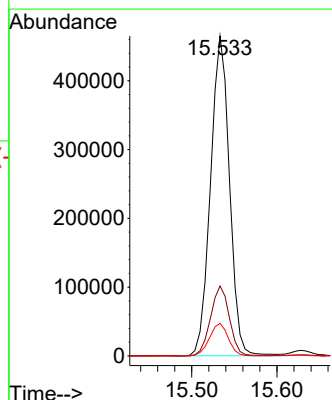
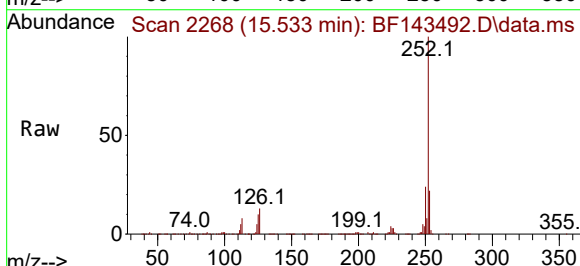
Tgt Ion:252 Resp: 719793

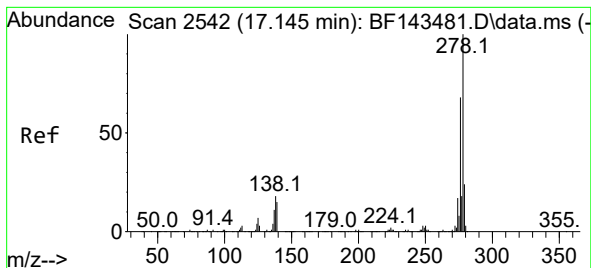
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 46.491 ng

RT: 17.145 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-SOUTH-EMS

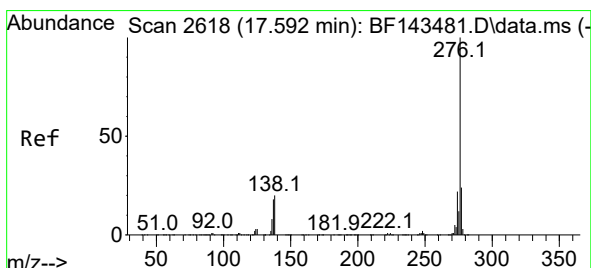
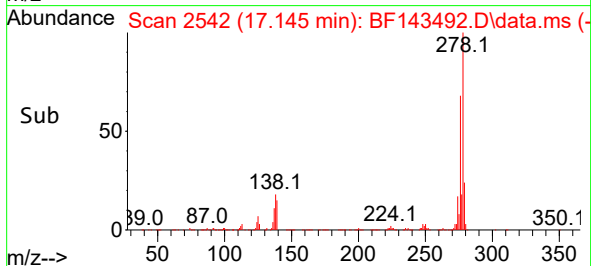
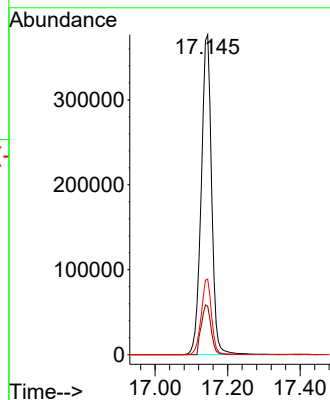
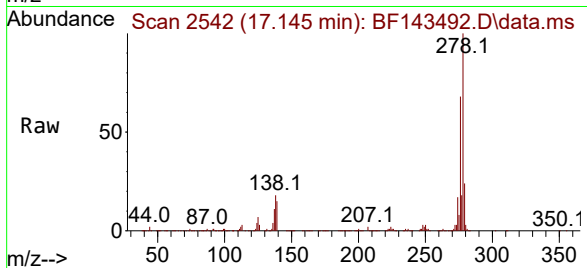
Tgt Ion:278 Resp: 750429

Ion Ratio Lower Upper

278 100

139 15.1 12.1 18.1

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 47.277 ng

RT: 17.592 min Scan# 2618

Delta R.T. -0.012 min

Lab File: BF143492.D

Acq: 20 Aug 2025 18:41

Tgt Ion:276 Resp: 758815

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 20.7 16.3 24.5

