

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143968.D
 Acq On : 15 Oct 2025 22:49
 Operator : RC/JU
 Sample : Q3337-01MS 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

Quant Time: Oct 16 11:12:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	181566	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	654257	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	308543	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	474955	20.000	ng	0.00
76) Chrysene-d12	14.069	240	360258	20.000	ng	0.00
86) Perylene-d12	15.557	264	304346	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	401575	35.122	ng	0.00
7) Phenol-d6	6.504	99	481637	35.340	ng	-0.01
23) Nitrobenzene-d5	7.440	82	275591	25.592	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	88512	28.802	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	506900	26.068	ng	-0.01
79) Terphenyl-d14	13.004	244	422059	20.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	79582	15.041	ng	96
3) Pyridine	3.428	79	221668	14.391	ng	99
4) n-Nitrosodimethylamine	3.363	42	127664	15.756	ng	91
6) Aniline	6.551	93	210345	10.300	ng	98
8) 2-Chlorophenol	6.669	128	193349	17.300	ng	97
9) Benzaldehyde	6.434	77	110205	10.483	ng	99
10) Phenol	6.522	94	284259	17.446	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	225287	17.900	ng	99
12) 1,3-Dichlorobenzene	6.822	146	225728	16.873	ng	98
13) 1,4-Dichlorobenzene	6.898	146	224406	17.005	ng	100
14) 1,2-Dichlorobenzene	7.051	146	218032	17.249	ng	99
15) Benzyl Alcohol	7.022	79	192277	18.830	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	492202	17.180	ng	99
17) 2-Methylphenol	7.134	107	159068	17.221	ng	98
18) Hexachloroethane	7.392	117	67901	15.428	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	152526	16.350	ng	98
20) 3+4-Methylphenols	7.281	107	187708	17.534	ng	# 83
22) Acetophenone	7.287	105	277413	20.053	ng	96
24) Nitrobenzene	7.463	77	217083	18.152	ng	100
25) Isophorone	7.698	82	394859	17.390	ng	99
26) 2-Nitrophenol	7.781	139	97980	19.110	ng	97
27) 2,4-Dimethylphenol	7.816	122	178057	19.306	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	259035	18.059	ng	99
29) 2,4-Dichlorophenol	8.022	162	165125	17.188	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	170091	18.002	ng	99
31) Naphthalene	8.187	128	518711	17.429	ng	99
32) Benzoic acid	7.904	122	90806	14.226	ng	99
33) 4-Chloroaniline	8.239	127	115112	10.313	ng	97
34) Hexachlorobutadiene	8.304	225	112608	17.151	ng	98
35) Caprolactam	8.587	113	48743	15.957	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	147390	15.972	ng	98
37) 2-Methylnaphthalene	8.881	142	306555	15.463	ng	97
38) 1-Methylnaphthalene	8.981	142	309682	16.104	ng	95
40) 1,2,4,5-Tetrachloroben...	9.045	216	182708	21.425	ng	98
41) Hexachlorocyclopentadiene	9.034	237	19512	5.515	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	112496	18.055	ng	98

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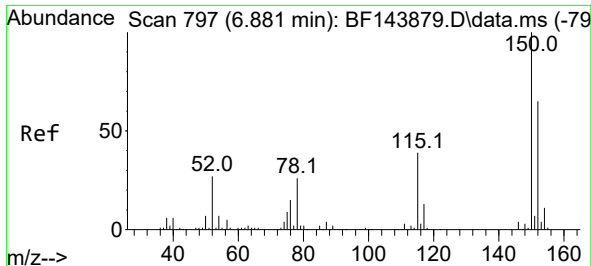
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	114908	17.451	ng	99
46) 1,1'-Biphenyl	9.339	154	433726	21.232	ng	97
47) 2-Chloronaphthalene	9.369	162	316701	18.594	ng	97
48) 2-Nitroaniline	9.463	65	105421	19.577	ng	98
49) Acenaphthylene	9.786	152	487755	20.370	ng	99
50) Dimethylphthalate	9.639	163	382879	19.541	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75391	20.750	ng	92
52) Acenaphthene	9.957	154	268096	17.087	ng	98
53) 3-Nitroaniline	9.875	138	68024	15.290	ng	100
54) 2,4-Dinitrophenol	9.981	184	21365	15.647	ng	98
55) Dibenzofuran	10.128	168	390031	17.610	ng	99
56) 4-Nitrophenol	10.028	139	99048	29.404	ng	95
57) 2,4-Dinitrotoluene	10.104	165	91663	18.542	ng	98
58) Fluorene	10.475	166	303410	18.155	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77179	16.558	ng	97
60) Diethylphthalate	10.339	149	336997	18.513	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	155014	17.544	ng	98
62) 4-Nitroaniline	10.481	138	61485	14.372	ng	95
63) Azobenzene	10.622	77	355308	18.676	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	19082	7.995	ng	91
66) n-Nitrosodiphenylamine	10.581	169	286085	19.183	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	91325	17.399	ng	96
68) Hexachlorobenzene	11.022	284	101764	16.746	ng	100
69) Atrazine	11.110	200	87070	19.263	ng	100
70) Pentachlorophenol	11.216	266	111274	31.883	ng	99
71) Phenanthrene	11.439	178	481429	20.908	ng	99
72) Anthracene	11.492	178	437171	18.794	ng	99
73) Carbazole	11.645	167	371754	18.045	ng	100
74) Di-n-butylphthalate	11.975	149	466814	19.551	ng	99
75) Fluoranthene	12.633	202	564924	23.752	ng	98
77) Benzidine	12.757	184	94891	7.586	ng	98
78) Pyrene	12.863	202	572588	19.064	ng	99
80) Butylbenzylphthalate	13.480	149	195032	19.995	ng	100
81) Benzo(a)anthracene	14.057	228	477754	20.265	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	117786	16.394	ng	# 98
83) Chrysene	14.092	228	423687	19.418	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	396699	33.738	ng	99
85) Di-n-octyl phthalate	14.657	149	436436	22.599	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	288985	15.496	ng	98
88) Benzo(b)fluoranthene	15.116	252	397865	22.758	ng	98
89) Benzo(k)fluoranthene	15.145	252	282807	17.482	ng	97
90) Benzo(a)pyrene	15.492	252	310159	20.460	ng	# 98
91) Dibenzo(a,h)anthracene	17.074	278	224893	14.995	ng	# 94
92) Benzo(g,h,i)perylene	17.515	276	235126	15.677	ng	97

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

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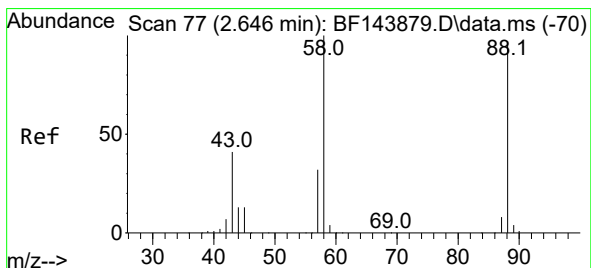
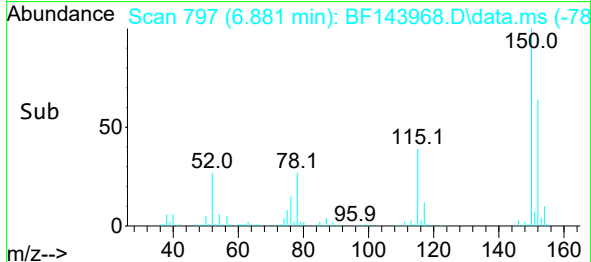
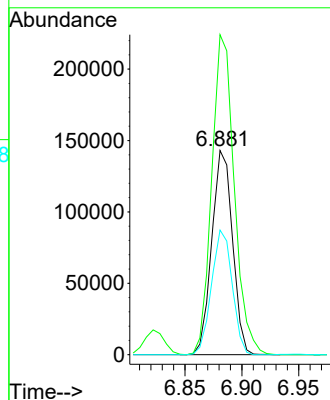
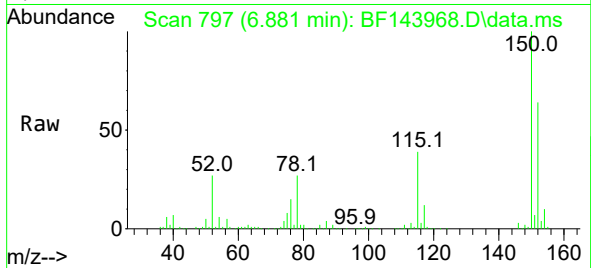




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

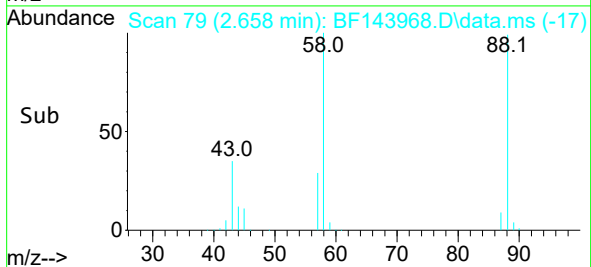
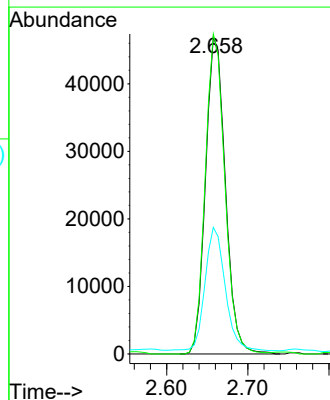
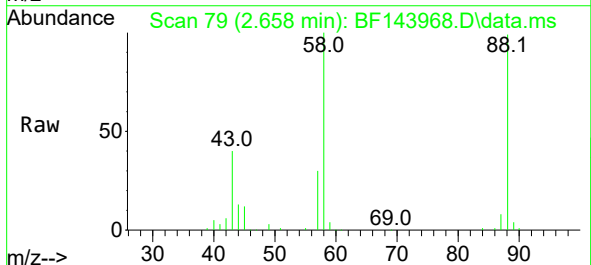
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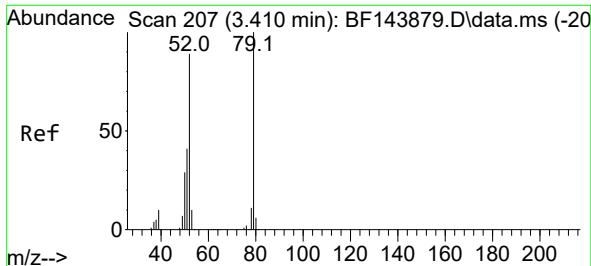
Tgt Ion:152 Resp: 181566
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.4 186.6
 115 61.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: 15.041 ng
 RT: 2.658 min Scan# 79
 Delta R.T. 0.012 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

Tgt Ion: 88 Resp: 79582
 Ion Ratio Lower Upper
 88 100
 58 100.0 83.0 124.6
 43 39.5 33.9 50.9





#3

Pyridine

Concen: 14.391 ng

RT: 3.428 min Scan# 210

Delta R.T. 0.012 min

Lab File: BF143968.D

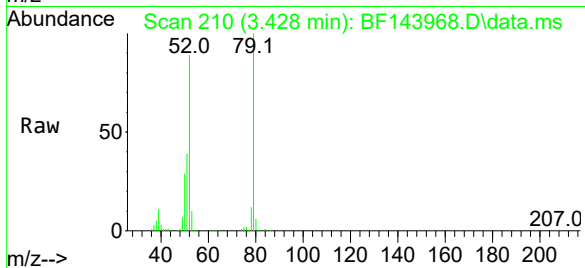
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Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS



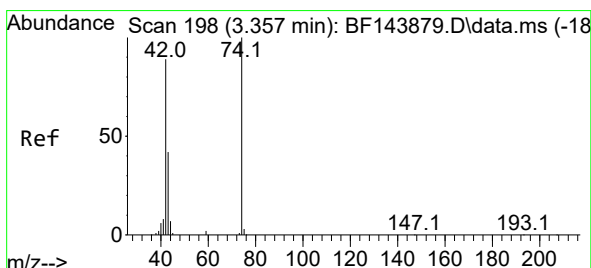
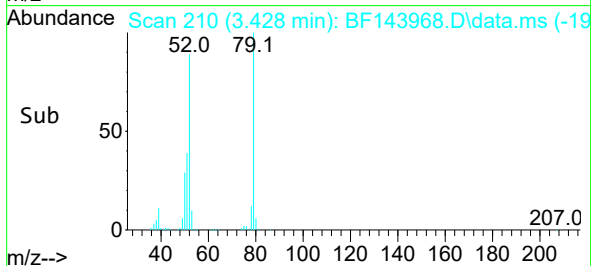
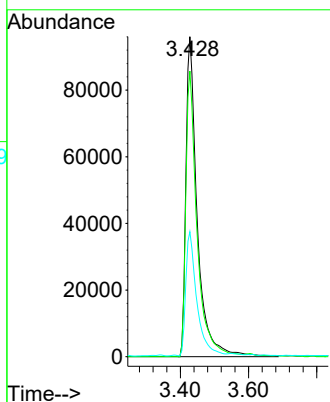
Tgt Ion: 79 Resp: 221668

Ion Ratio Lower Upper

79 100

52 89.2 71.5 107.3

51 39.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 15.756 ng

RT: 3.363 min Scan# 199

Delta R.T. -0.023 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

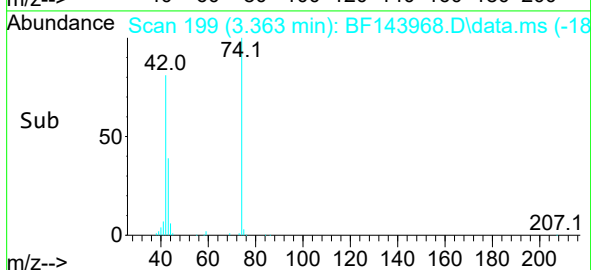
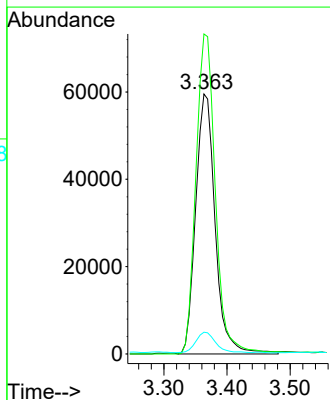
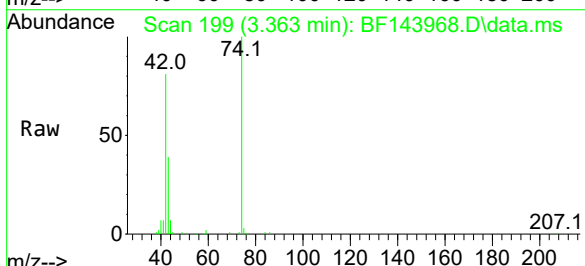
Tgt Ion: 42 Resp: 127664

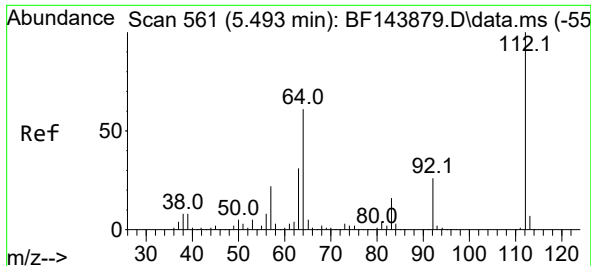
Ion Ratio Lower Upper

42 100

74 123.1 90.0 135.0

44 8.4 6.2 9.2

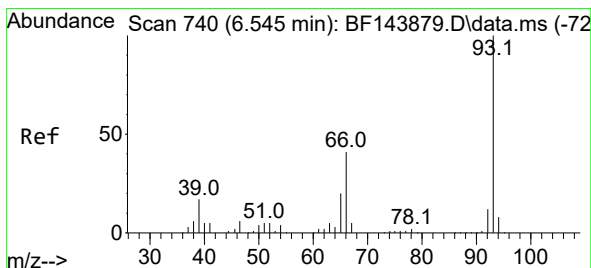
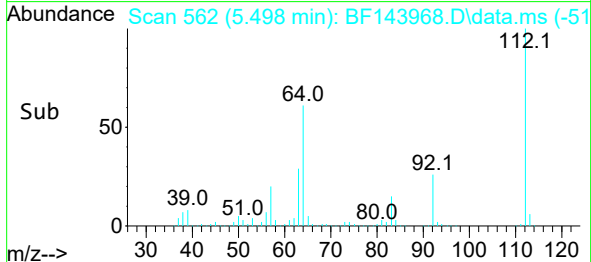
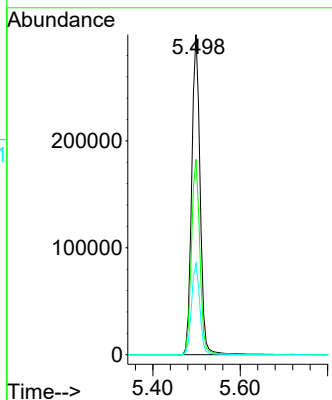
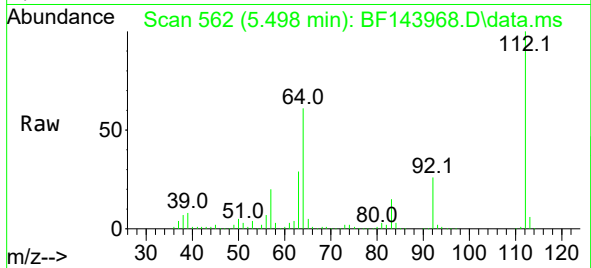




#5
2-Fluorophenol
Concen: 35.122 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

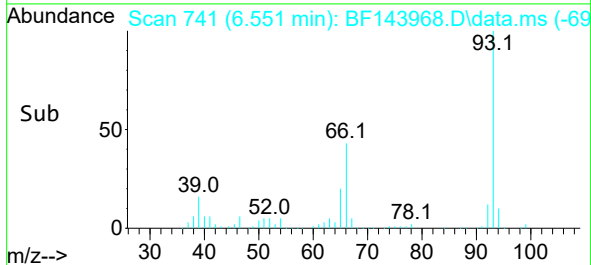
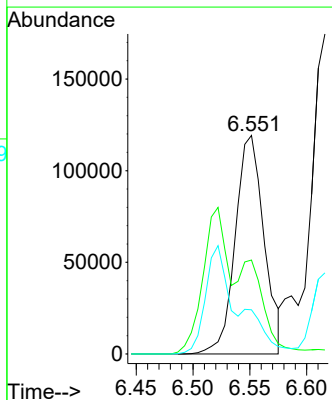
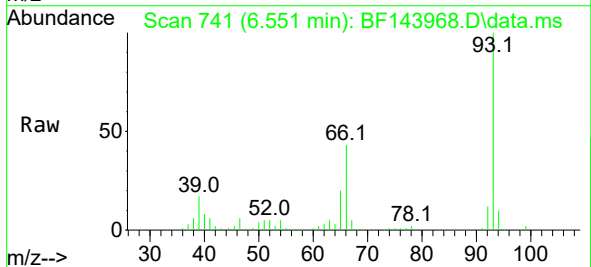
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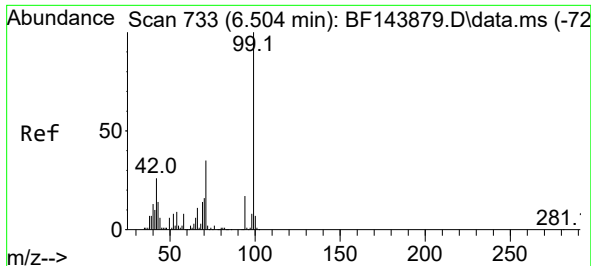
Tgt Ion:112 Resp: 401575
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 28.5 24.5 36.7



#6
Aniline
Concen: 10.300 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion: 93 Resp: 210345
Ion Ratio Lower Upper
93 100
66 43.0 33.0 49.6
65 20.2 15.8 23.8

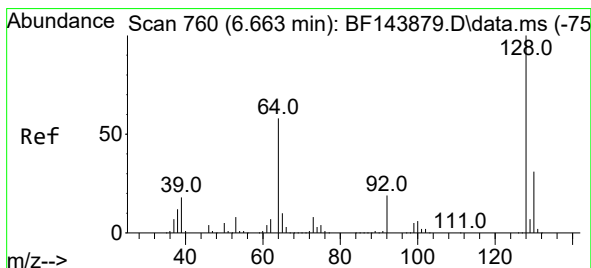
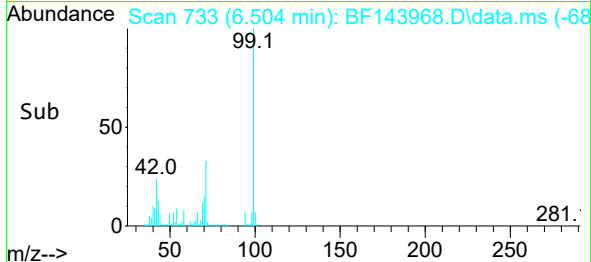
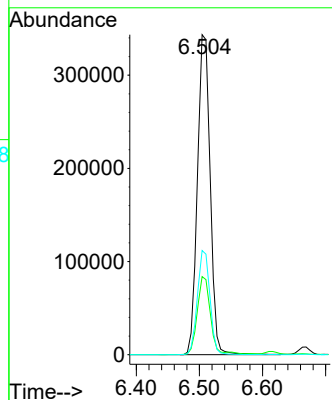
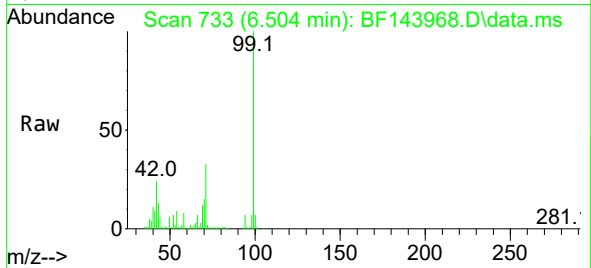




#7
Phenol-d6
Concen: 35.340 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

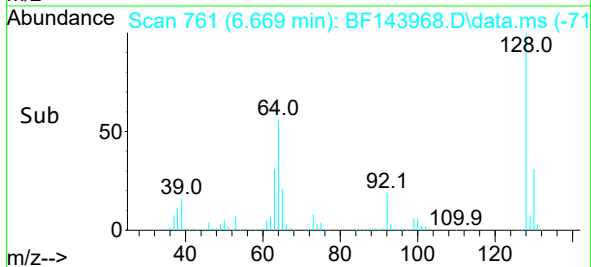
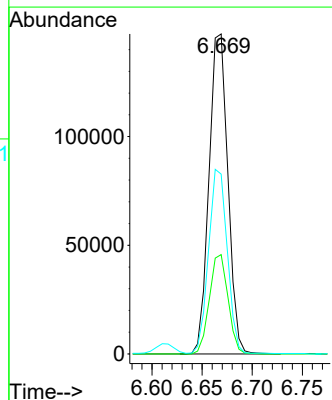
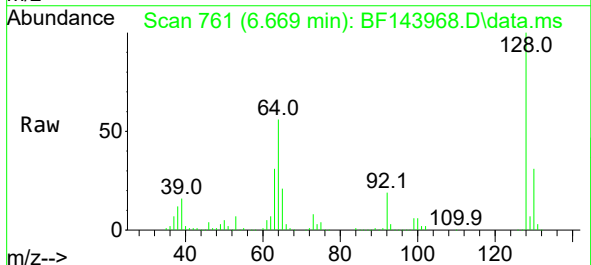
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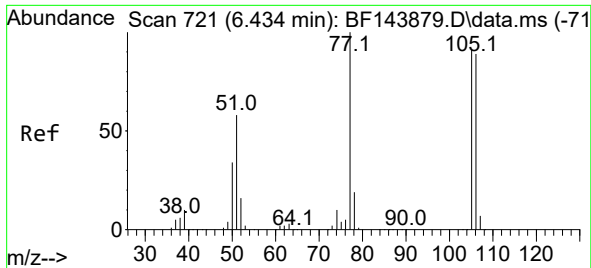
Tgt Ion: 99 Resp: 481637
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.5 27.8 41.8



#8
2-Chlorophenol
Concen: 17.300 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion: 128 Resp: 193349
Ion Ratio Lower Upper
128 100
130 31.0 10.7 50.7
64 56.2 39.0 79.0

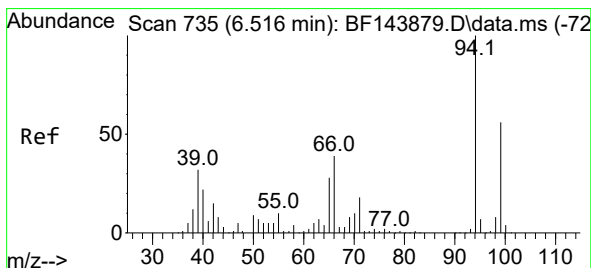
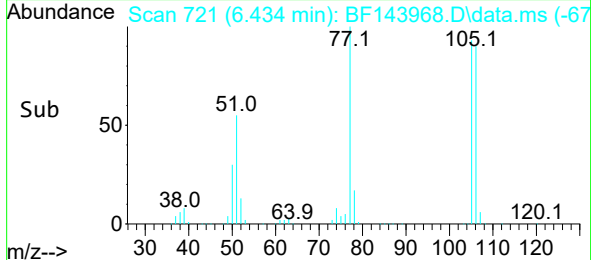
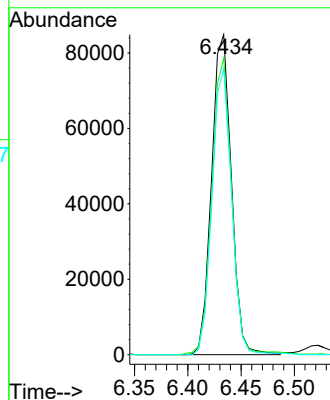
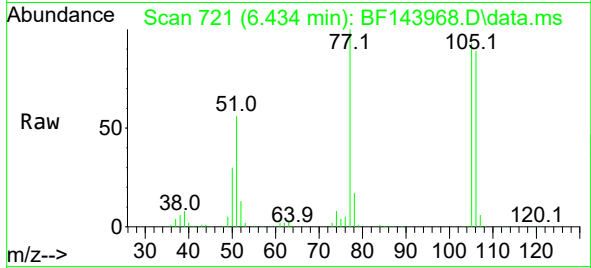




#9
Benzaldehyde
Concen: 10.483 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

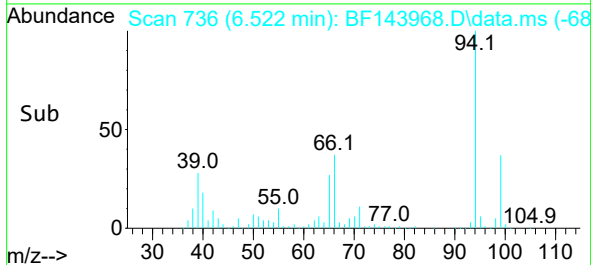
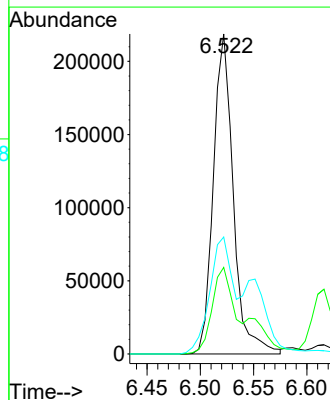
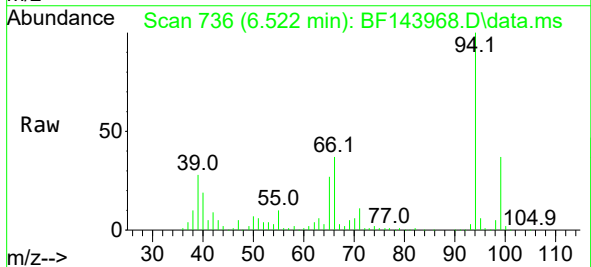
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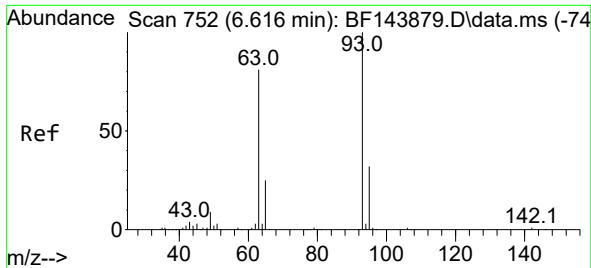
Tgt Ion: 77 Resp: 110205
Ion Ratio Lower Upper
77 100
105 92.6 70.9 110.9
106 89.3 68.9 108.9



#10
Phenol
Concen: 17.446 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion: 94 Resp: 284259
Ion Ratio Lower Upper
94 100
65 27.0 8.5 48.5
66 36.5 19.9 59.9

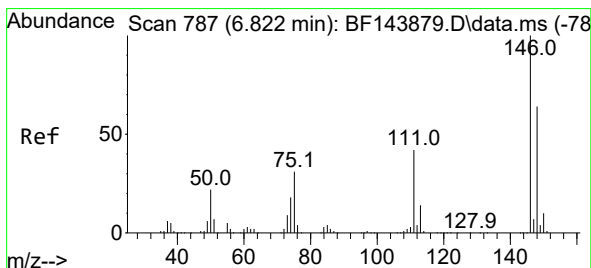
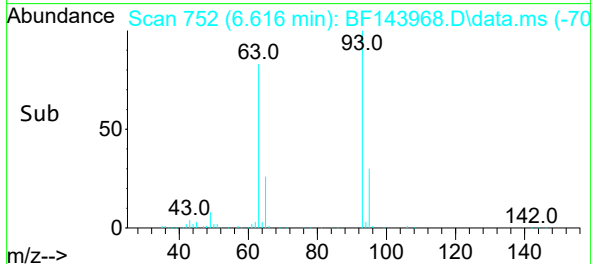
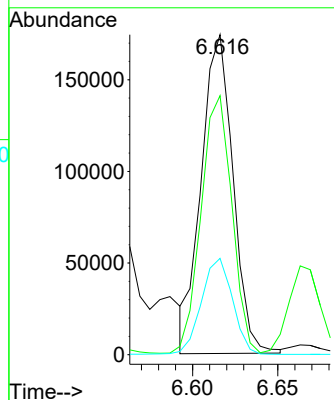
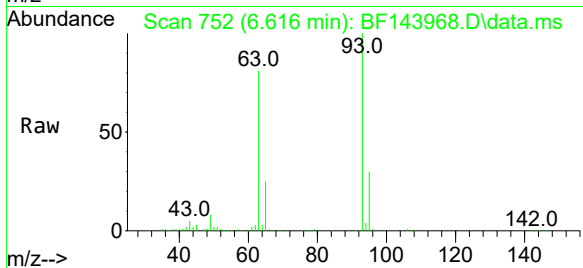




#11
bis(2-Chloroethyl)ether
Concen: 17.900 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

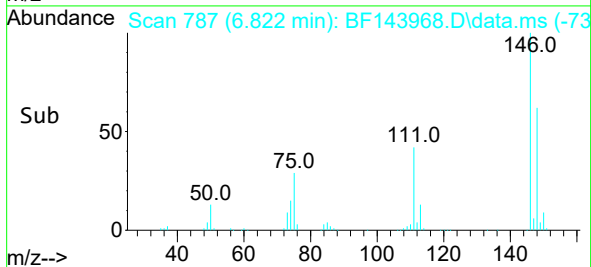
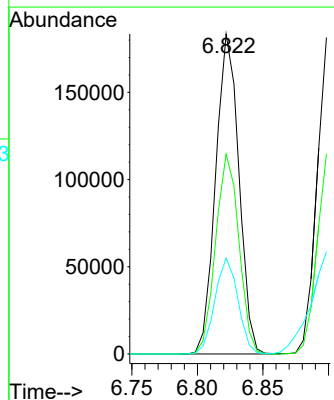
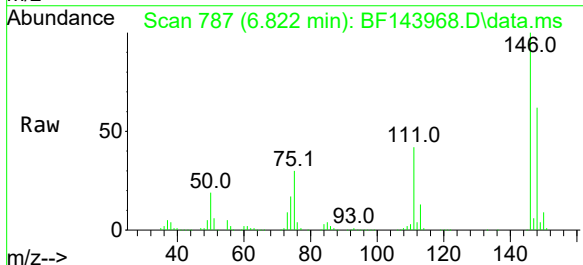
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

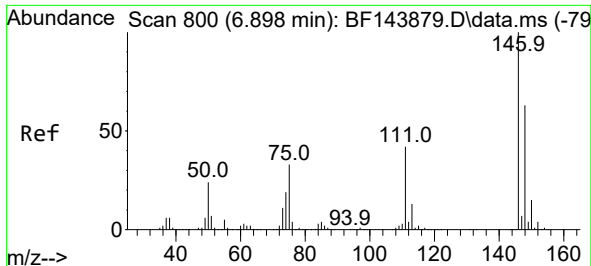
Tgt Ion: 93 Resp: 225287
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 30.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 16.873 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:146 Resp: 225728
Ion Ratio Lower Upper
146 100
148 62.5 51.0 76.4
75 29.9 24.9 37.3

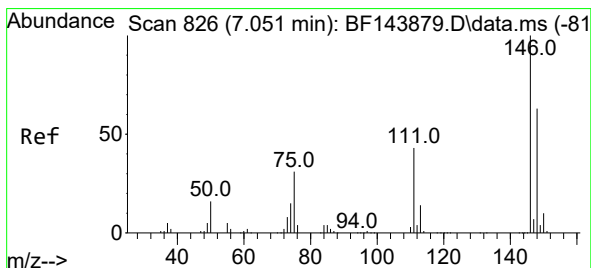
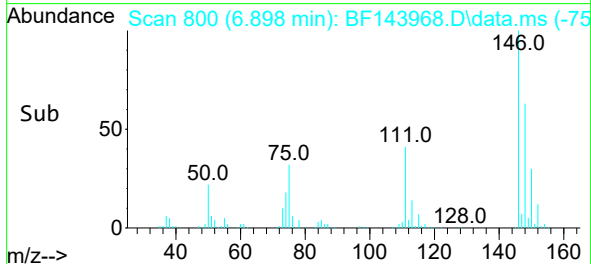
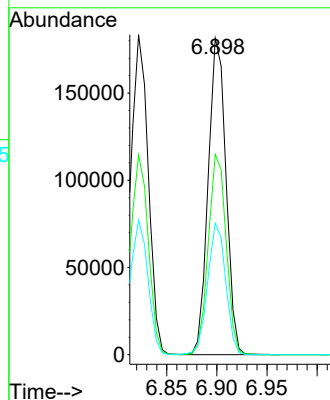
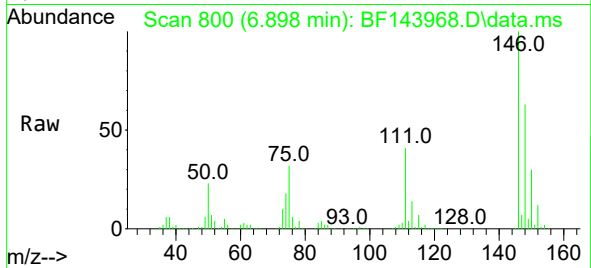




#13
1,4-Dichlorobenzene
Concen: 17.005 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

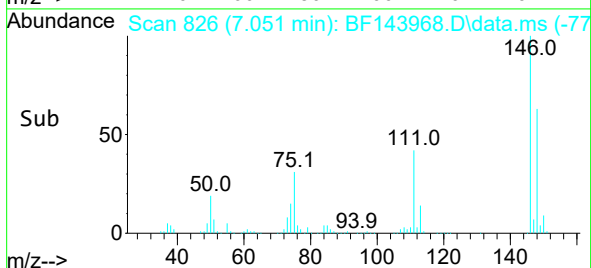
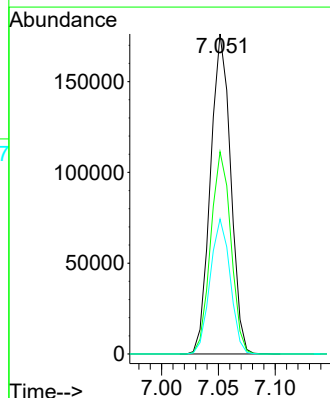
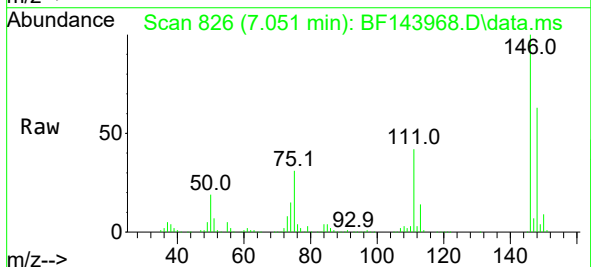
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

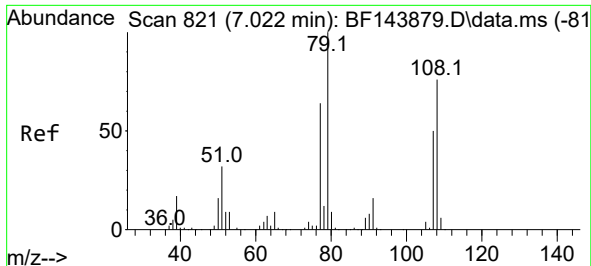
Tgt Ion:146 Resp: 224406
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 41.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 17.249 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

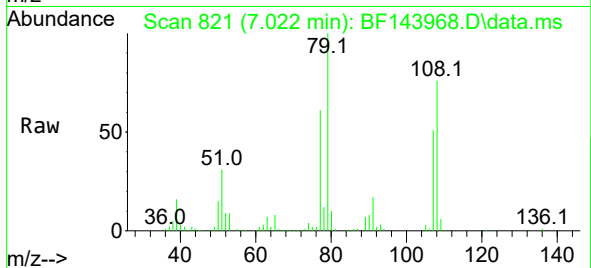
Tgt Ion:146 Resp: 218032
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 42.1 34.6 51.8



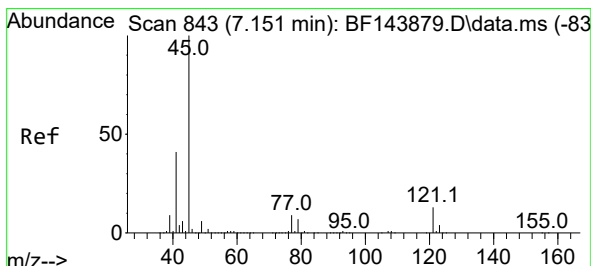
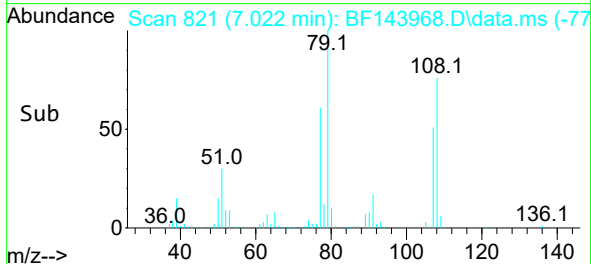
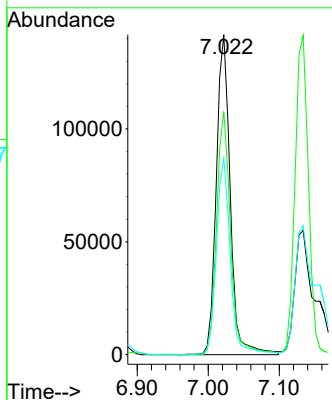


#15
Benzyl Alcohol
Concen: 18.830 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

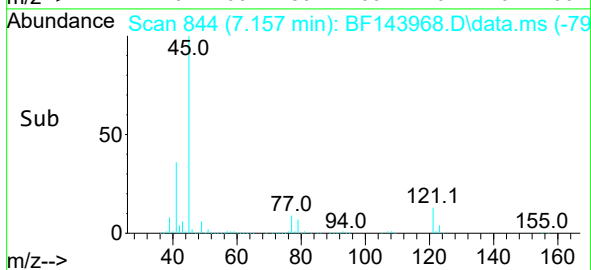
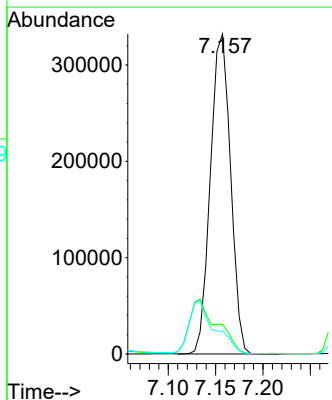
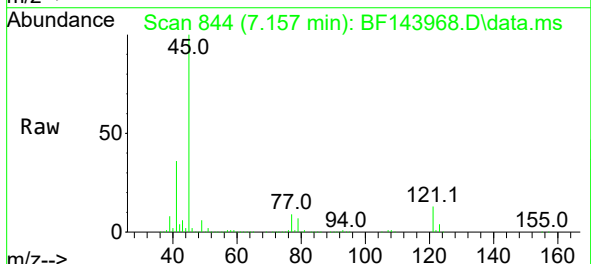


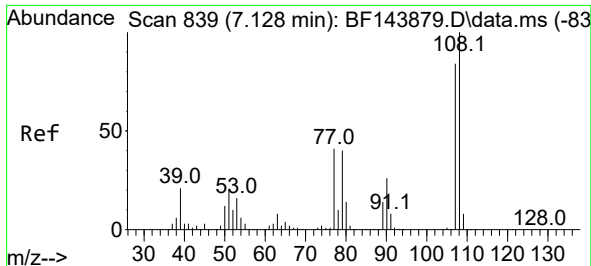
Tgt Ion: 79 Resp: 192277
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 61.2 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 17.180 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion: 45 Resp: 492202
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.0
79 7.1 0.0 26.8

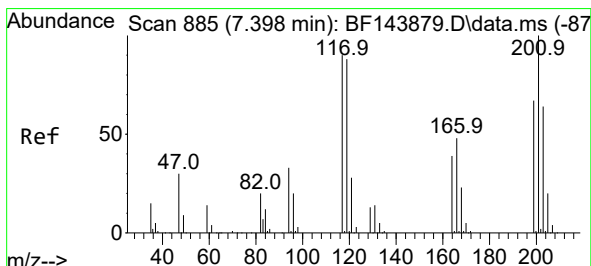
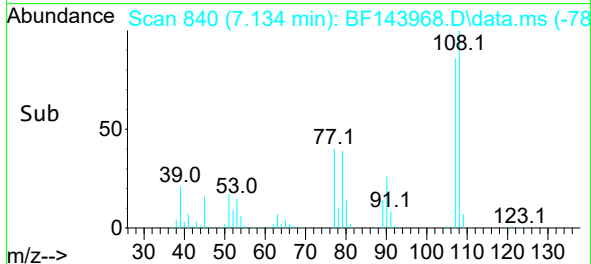
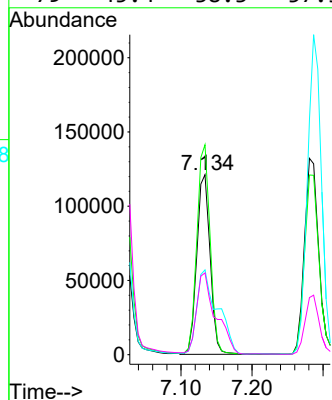
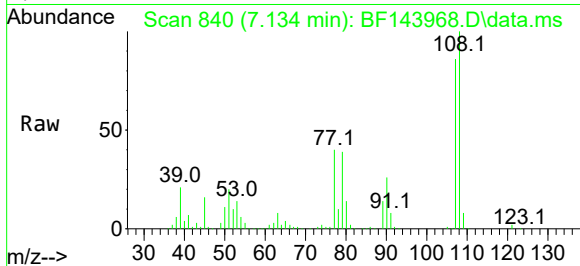




#17
2-Methylphenol
Concen: 17.221 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

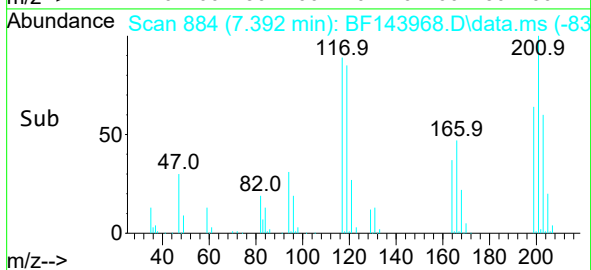
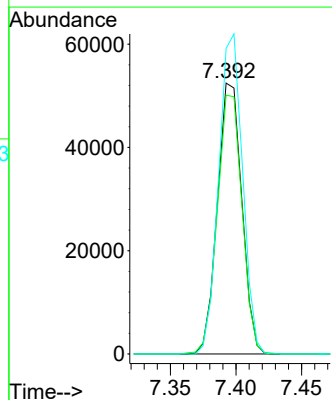
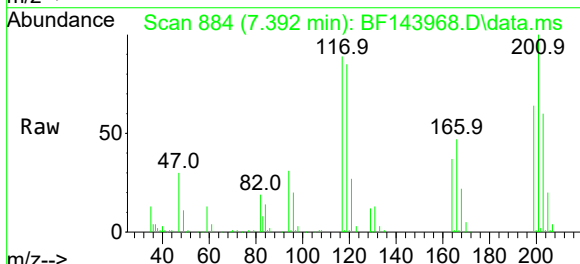
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

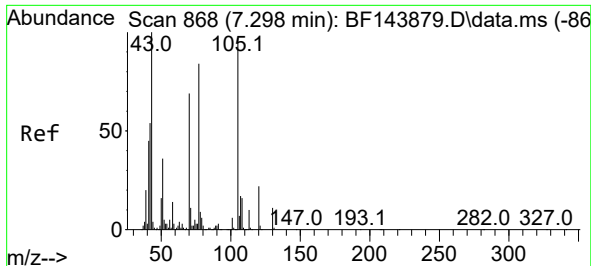
Tgt Ion:	107	Resp:	159068
Ion	Ratio	Lower	Upper
107	100		
108	116.6	94.7	142.1
77	47.1	38.8	58.2
79	45.4	38.3	57.5



#18
Hexachloroethane
Concen: 15.428 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:	117	Resp:	67901
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.8
201	112.8	88.5	132.7

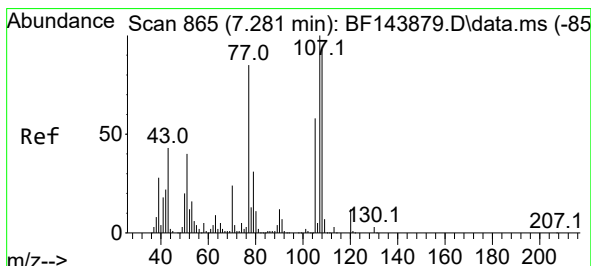
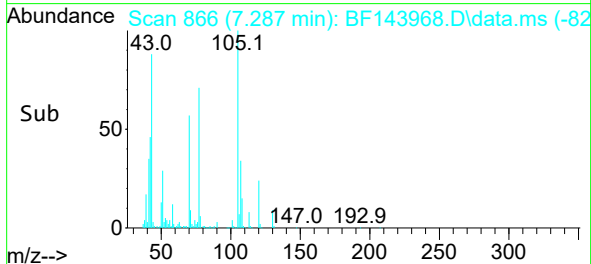
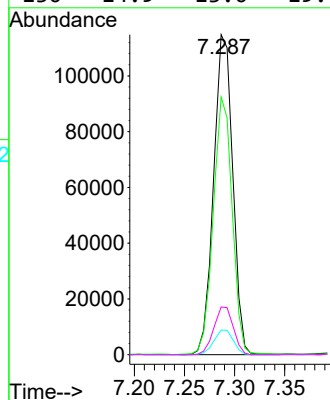
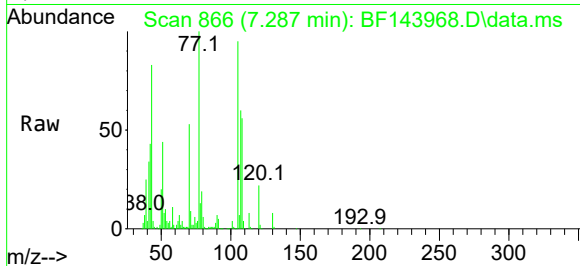




#19
n-Nitroso-di-n-propylamine
Concen: 16.350 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

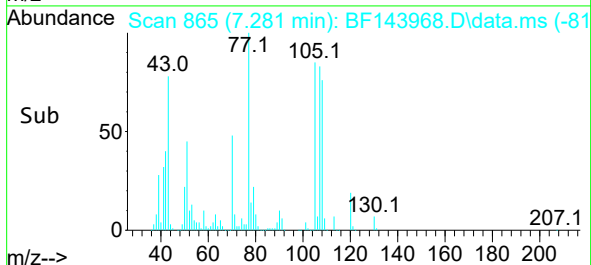
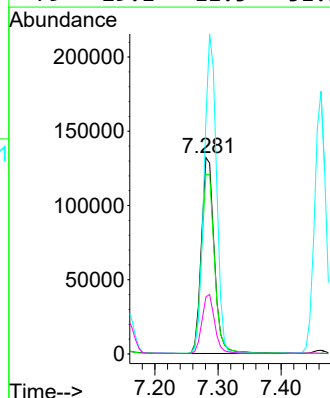
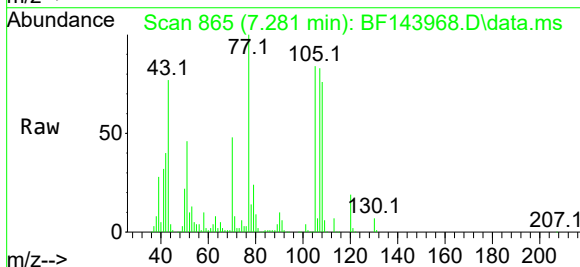
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

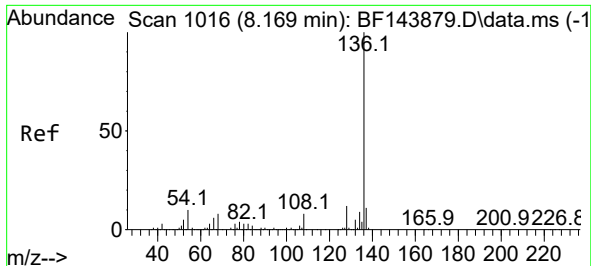
Tgt Ion: 70 Resp: 152526
Ion Ratio Lower Upper
70 100
42 80.5 62.8 94.2
101 7.7 6.7 10.1
130 14.9 13.0 19.4



#20
3+4-Methylphenols
Concen: 17.534 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion: 107 Resp: 187708
Ion Ratio Lower Upper
107 100
108 91.5 73.0 113.0
77 119.9 64.6 104.6#
79 29.1 11.5 51.5

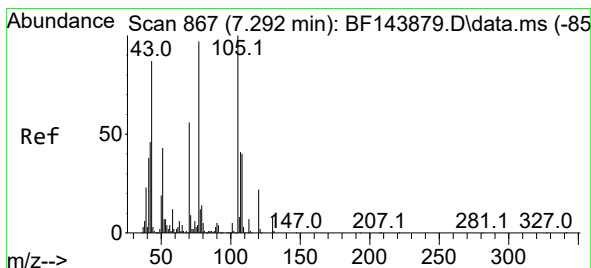
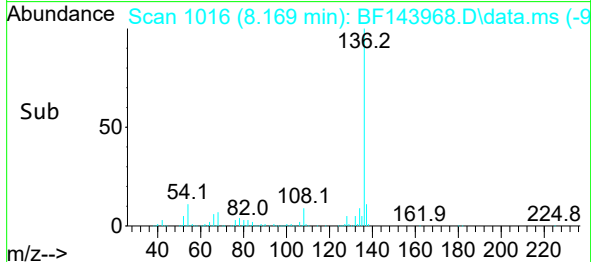
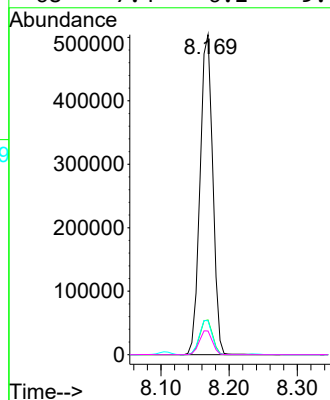
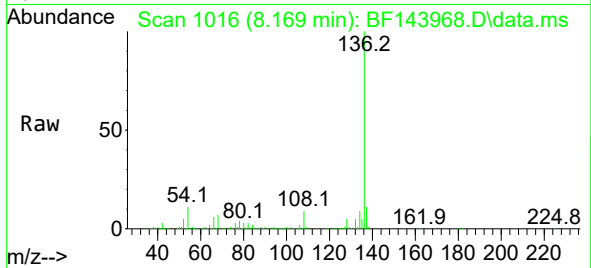




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

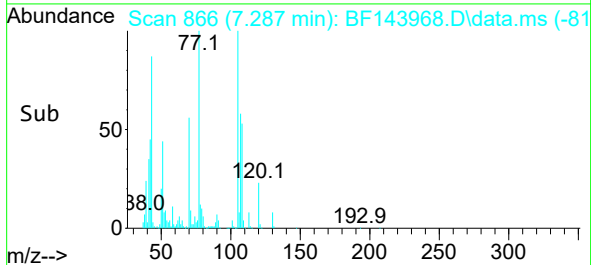
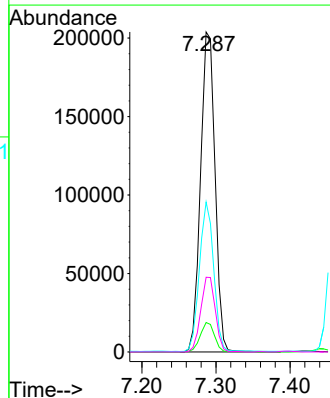
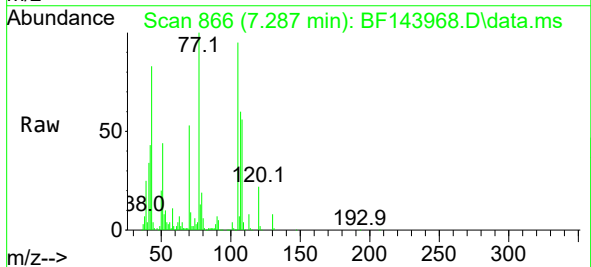
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

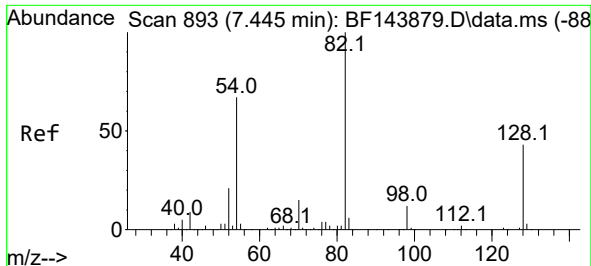
Tgt Ion:136 Resp: 654257
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.6 8.2 12.4
68 7.4 6.2 9.4



#22
Acetophenone
Concen: 20.053 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:105 Resp: 277413
Ion Ratio Lower Upper
105 100
71 9.2 7.4 11.0
51 46.9 34.2 51.4
120 23.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 25.592 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

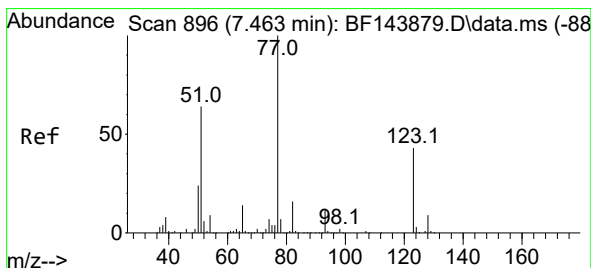
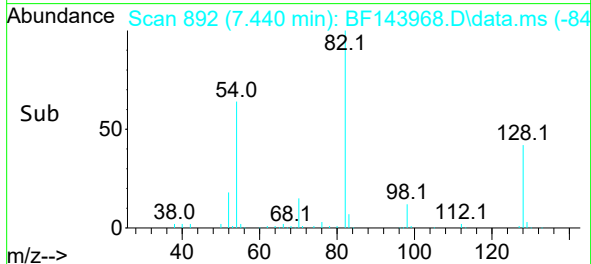
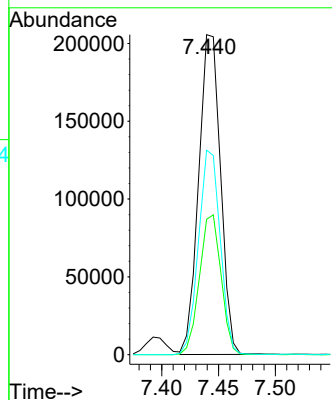
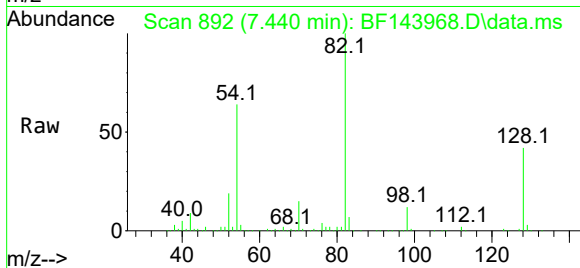
Tgt Ion: 82 Resp: 275591

Ion Ratio Lower Upper

82 100

128 42.3 34.0 51.0

54 63.9 53.2 79.8



#24

Nitrobenzene

Concen: 18.152 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

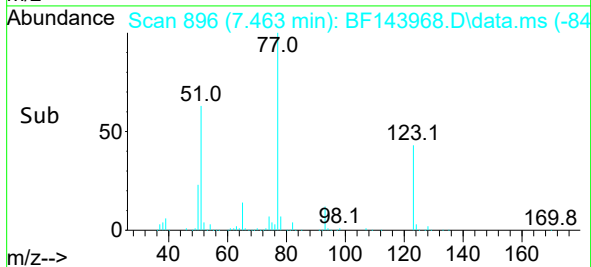
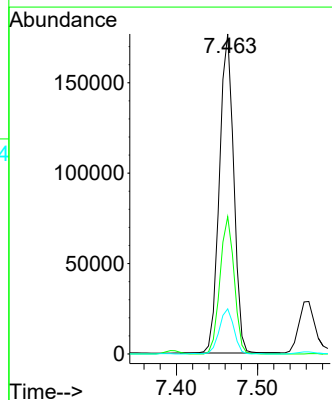
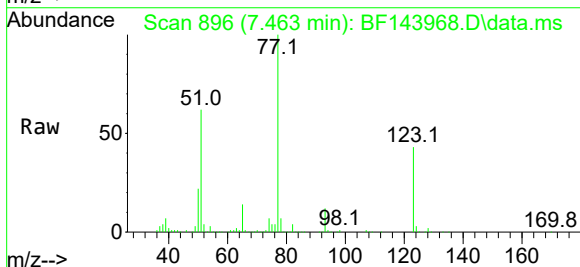
Tgt Ion: 77 Resp: 217083

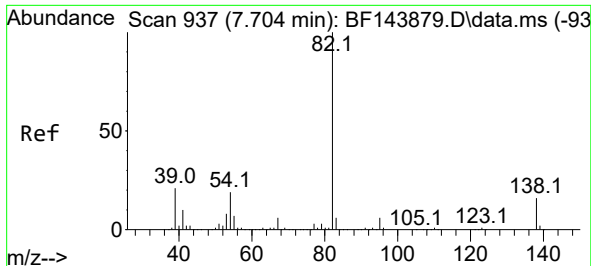
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

65 14.1 11.0 16.6

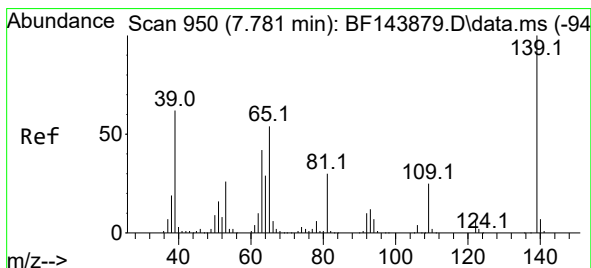
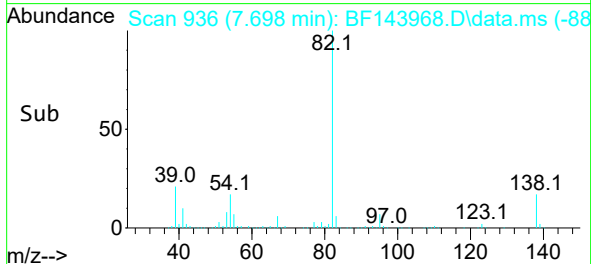
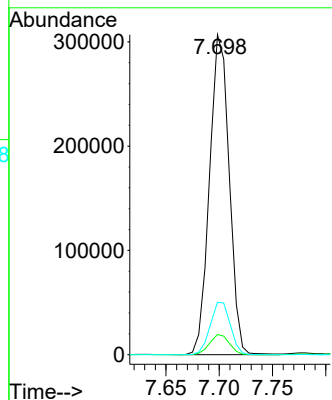
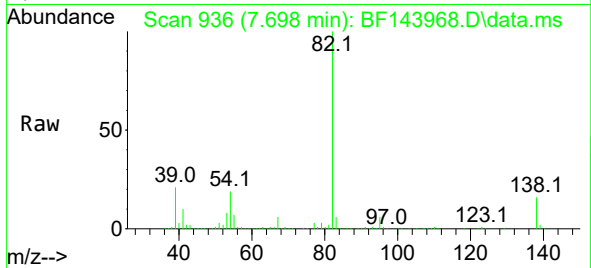




#25
Isophorone
Concen: 17.390 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

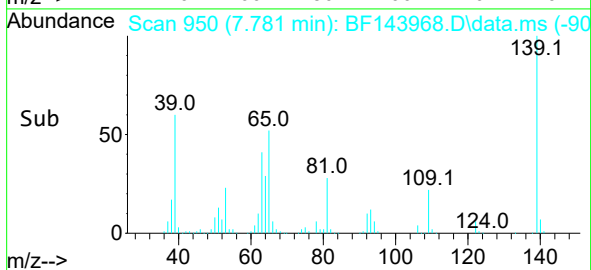
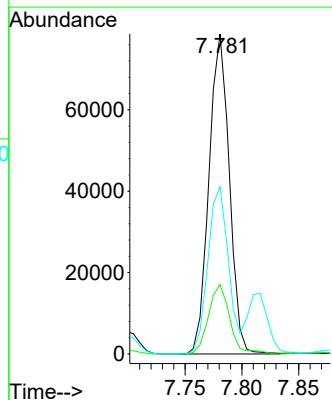
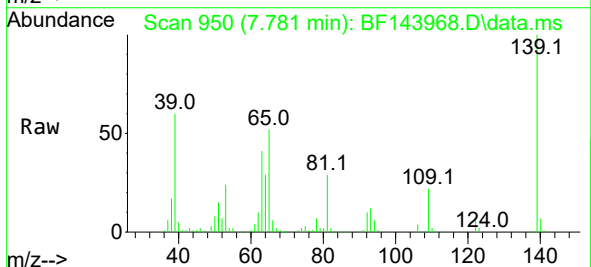
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

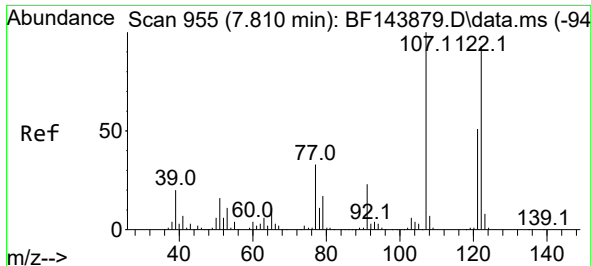
Tgt Ion: 82 Resp: 394859
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 19.110 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:139 Resp: 97980
Ion Ratio Lower Upper
139 100
109 21.7 19.8 29.6
65 52.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 19.306 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

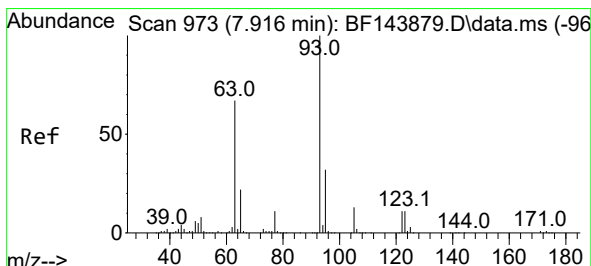
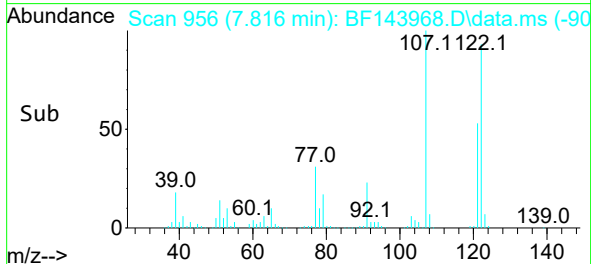
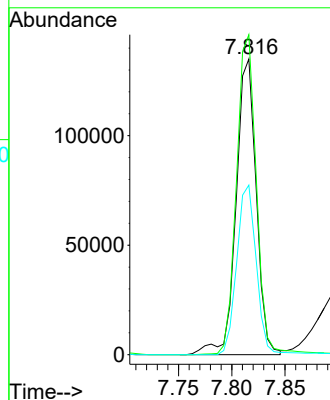
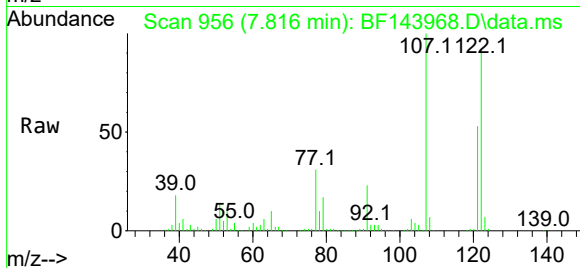
Tgt Ion:122 Resp: 178057

Ion Ratio Lower Upper

122 100

107 108.2 86.1 129.1

121 57.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 18.059 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

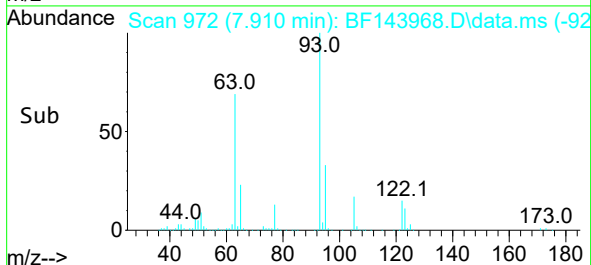
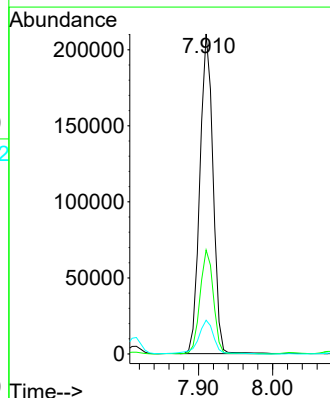
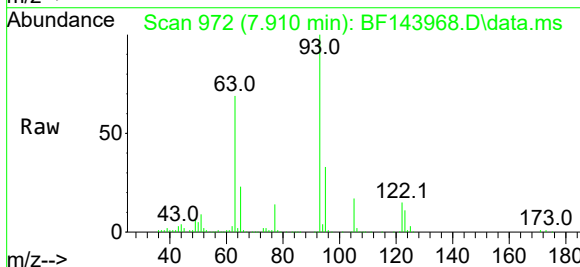
Tgt Ion: 93 Resp: 259035

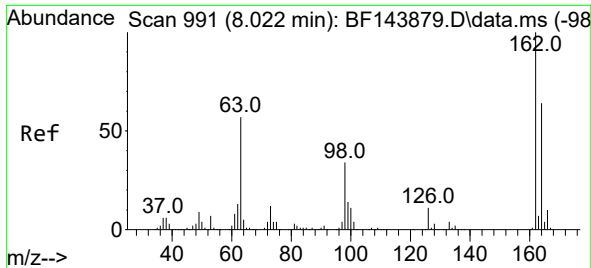
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 17.188 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

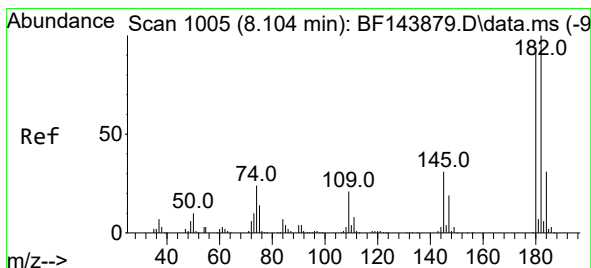
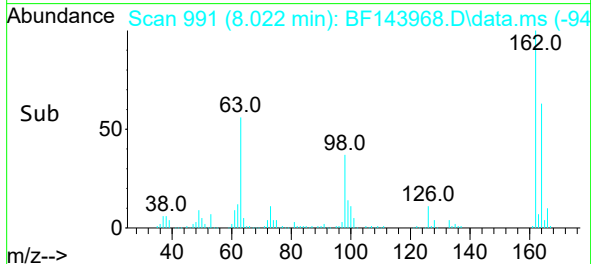
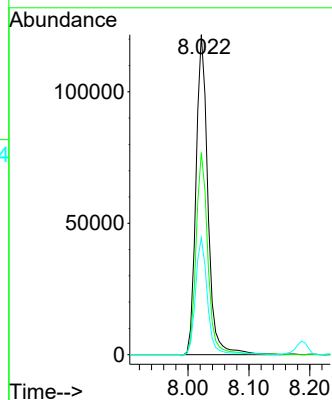
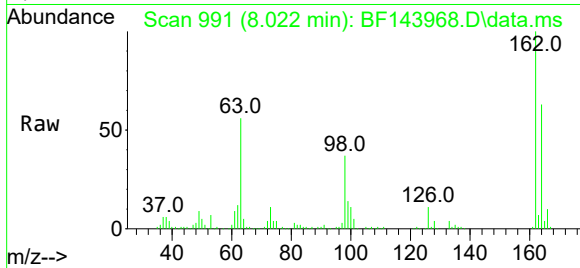
Tgt Ion:162 Resp: 165125

Ion Ratio Lower Upper

162 100

164 63.2 43.9 83.9

98 36.6 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 18.002 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

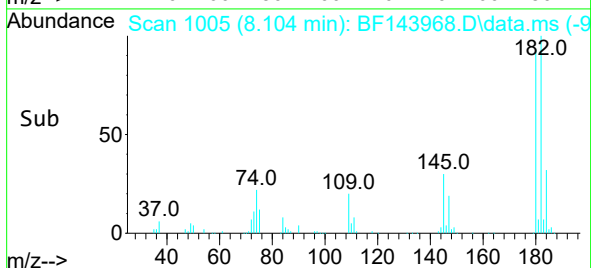
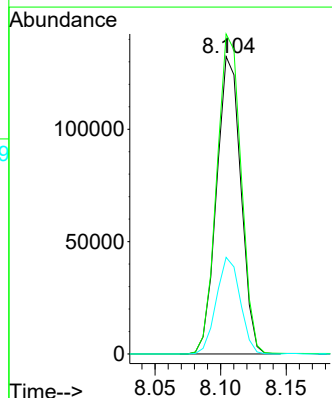
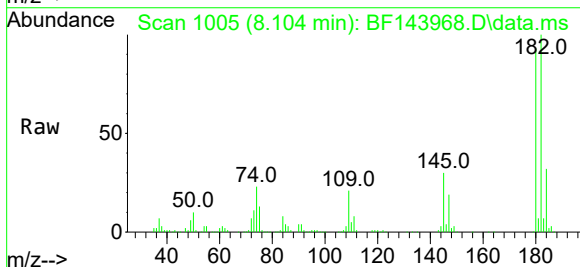
Tgt Ion:180 Resp: 170091

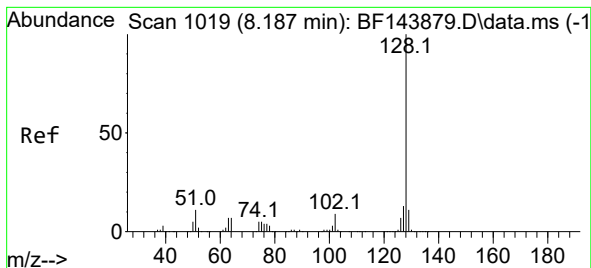
Ion Ratio Lower Upper

180 100

182 107.6 85.4 128.0

145 32.5 26.3 39.5





#31

Naphthalene

Concen: 17.429 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

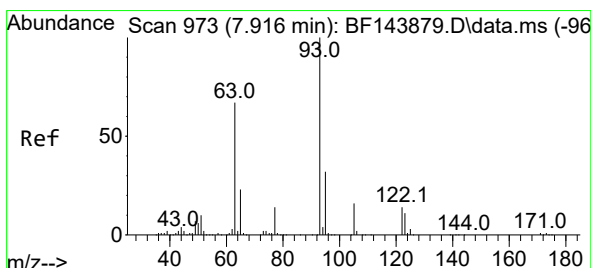
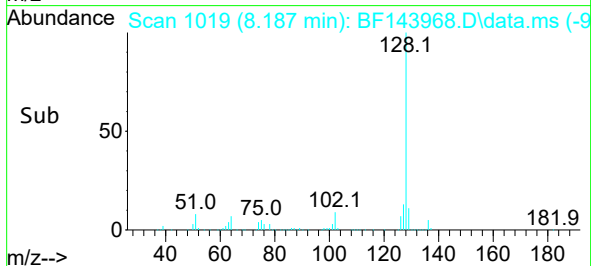
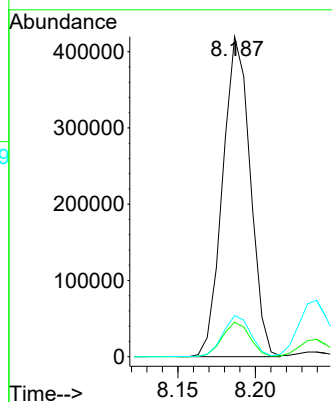
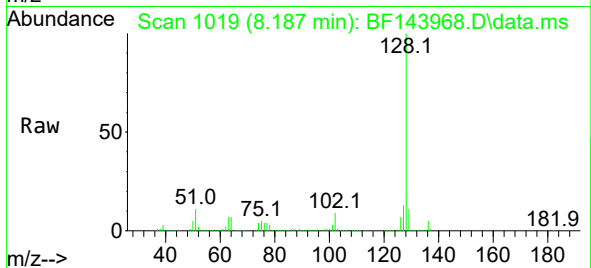
Tgt Ion:128 Resp: 518711

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 12.8 10.0 15.0



#32

Benzoic acid

Concen: 14.226 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.059 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

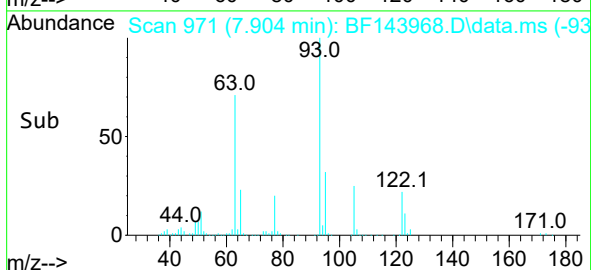
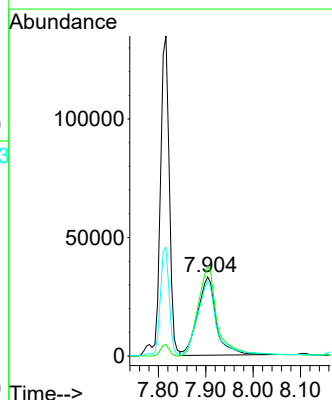
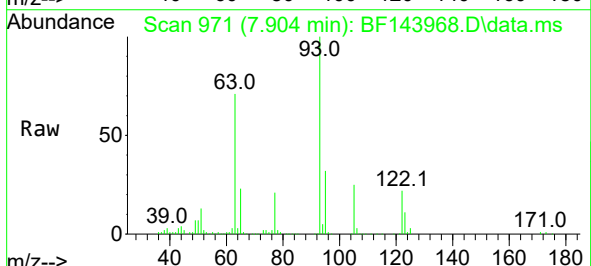
Tgt Ion:122 Resp: 90806

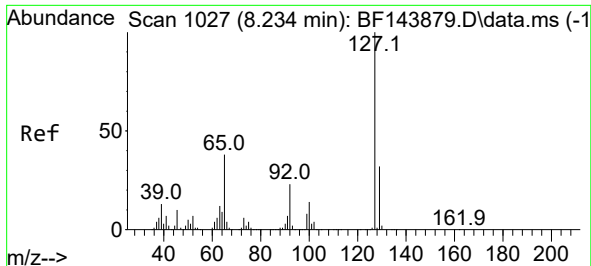
Ion Ratio Lower Upper

122 100

105 113.4 93.5 133.5

77 94.6 76.3 116.3

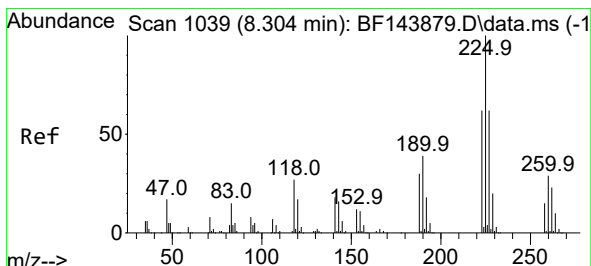
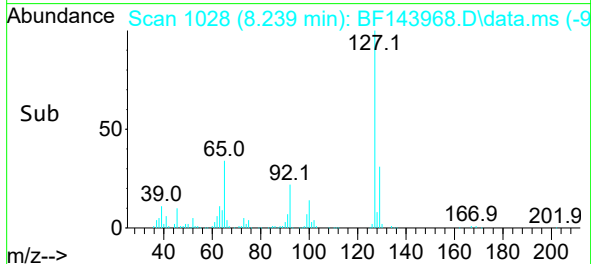
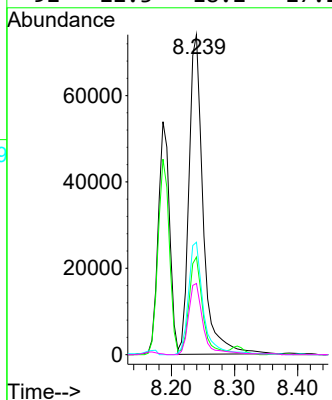
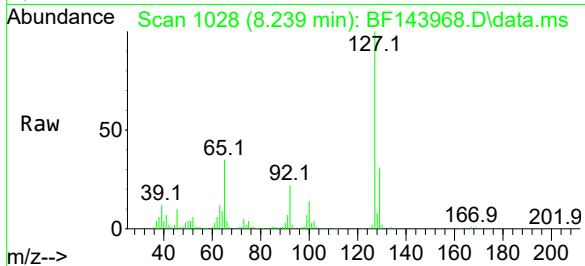




#33
4-Chloroaniline
Concen: 10.313 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

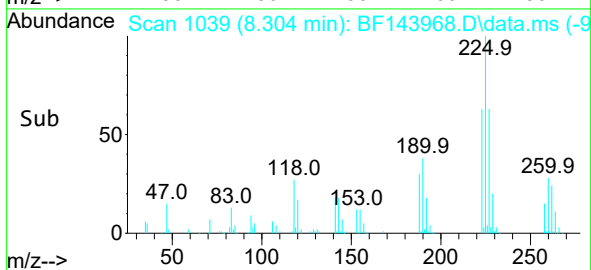
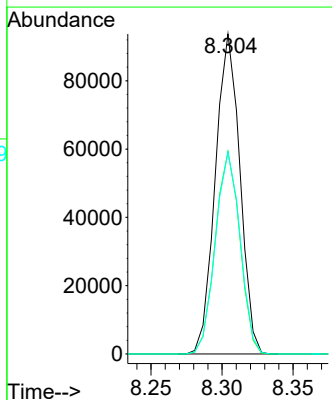
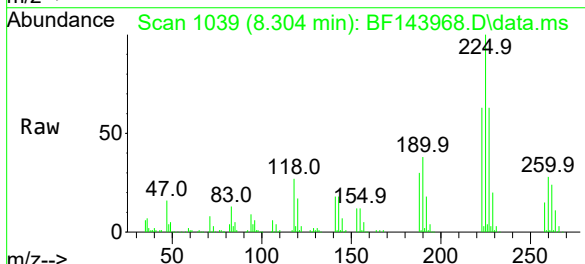
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

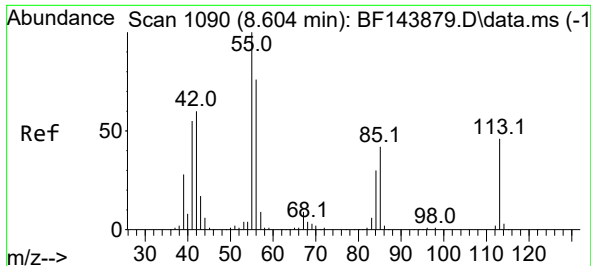
Tgt Ion:	127	Resp:	115112
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.8	38.8
65	35.2	30.0	45.0
92	22.3	18.2	27.2



#34
Hexachlorobutadiene
Concen: 17.151 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:	225	Resp:	112608
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.4	74.2
227	63.0	49.7	74.5

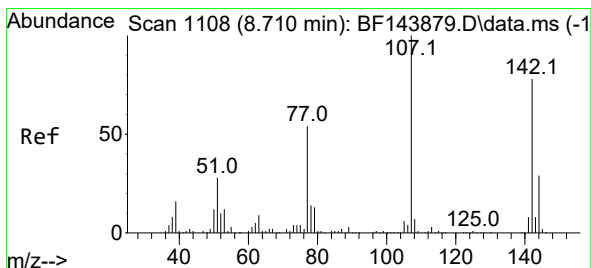
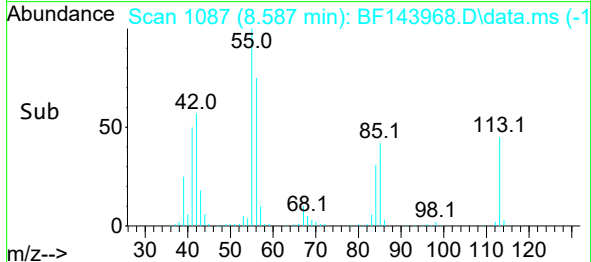
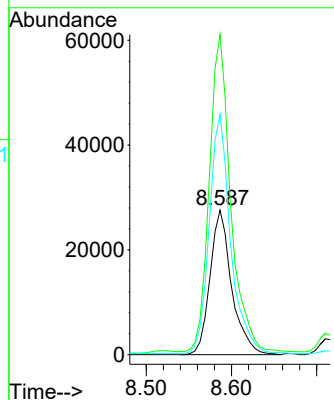
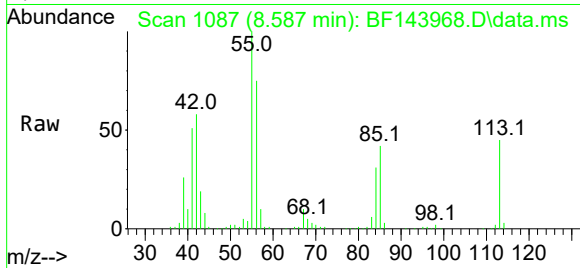




#35
 Caprolactam
 Concen: 15.957 ng
 RT: 8.587 min Scan# 1090
 Delta R.T. -0.059 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

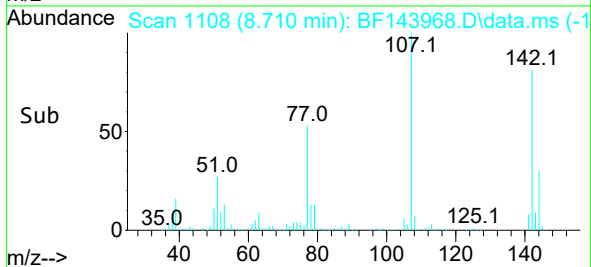
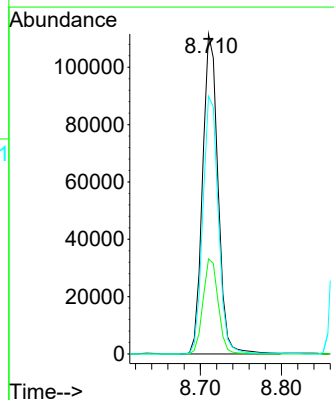
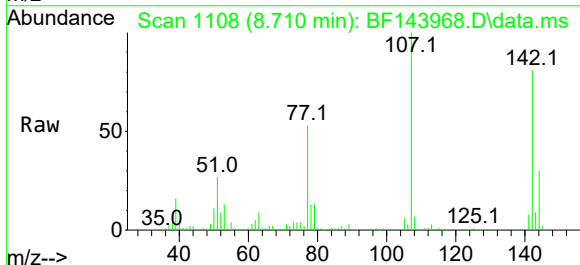
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

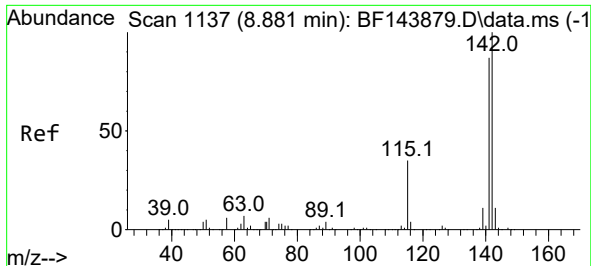
Tgt Ion:113 Resp: 48743
 Ion Ratio Lower Upper
 113 100
 55 221.6 199.6 239.6
 56 166.4 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 15.972 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

Tgt Ion:107 Resp: 147390
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.1 34.7
 142 80.6 62.6 94.0

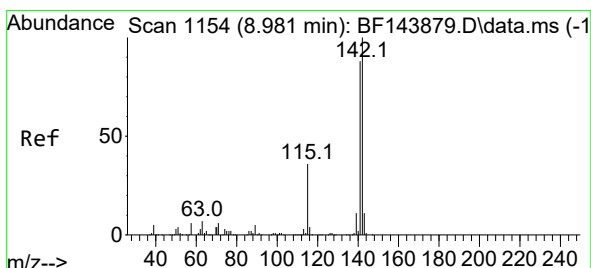
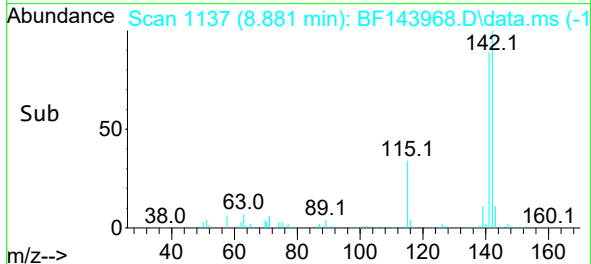
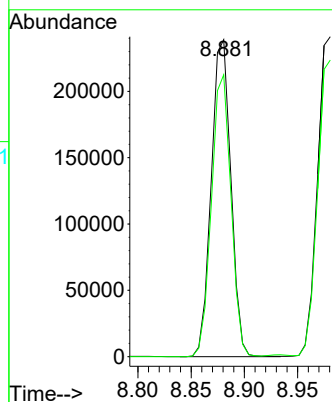
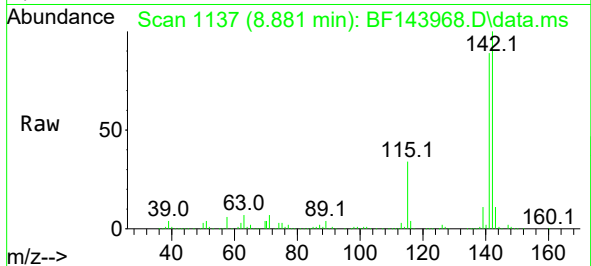




#37
2-Methylnaphthalene
Concen: 15.463 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

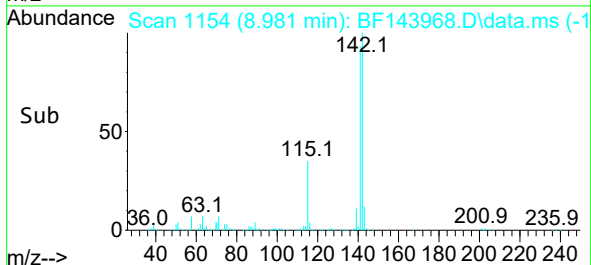
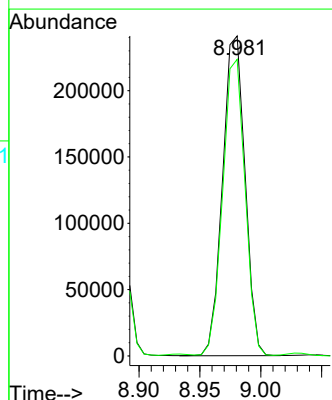
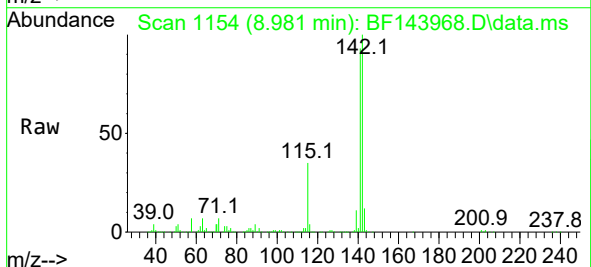
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

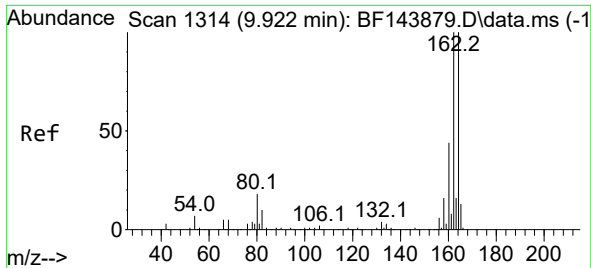
Tgt Ion:142 Resp: 306555
Ion Ratio Lower Upper
142 100
141 88.9 69.2 103.8



#38
1-Methylnaphthalene
Concen: 16.104 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:142 Resp: 309682
Ion Ratio Lower Upper
142 100
141 92.7 70.8 106.2

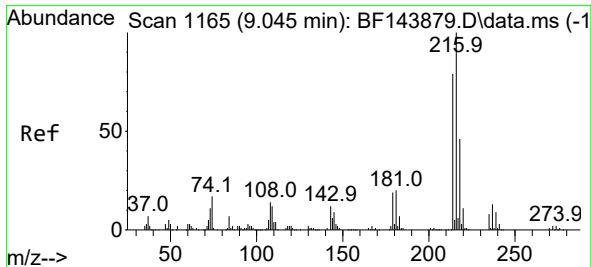
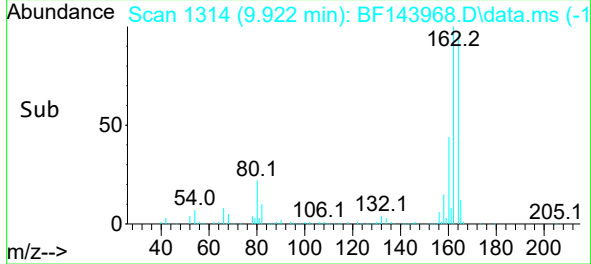
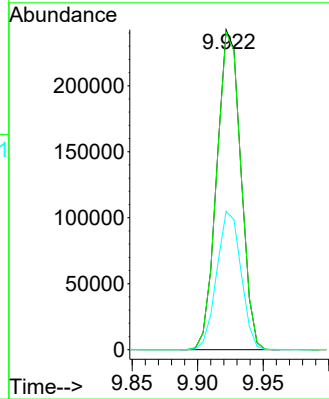
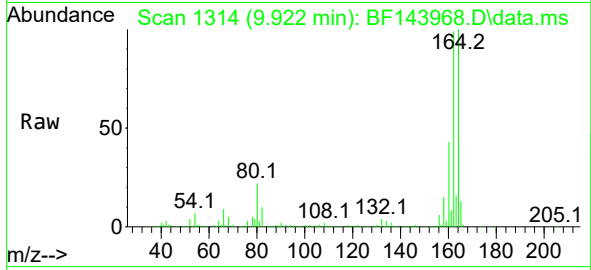




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.005 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

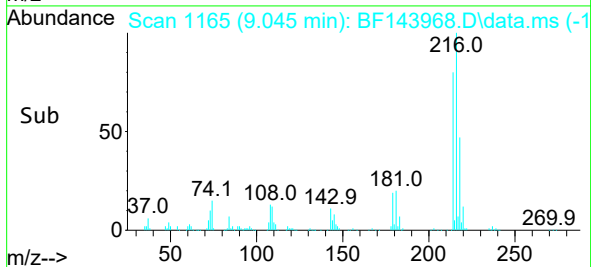
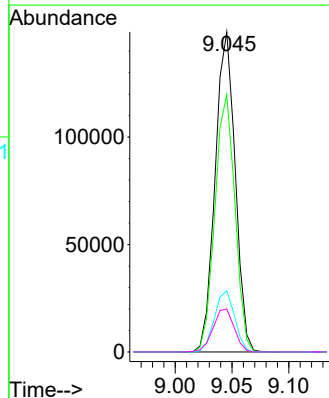
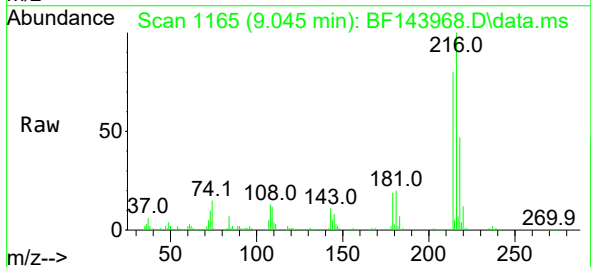
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

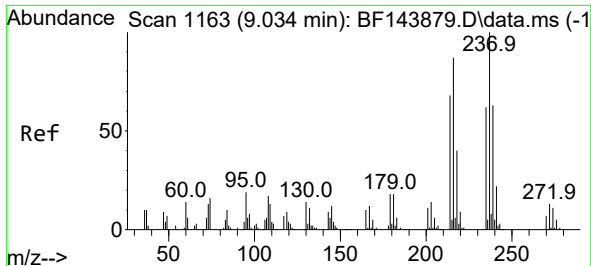
Tgt Ion:164 Resp: 308543
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 43.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.425 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:216 Resp: 182708
Ion Ratio Lower Upper
216 100
214 80.3 62.6 94.0
179 19.3 15.4 23.0
108 14.2 12.0 18.0

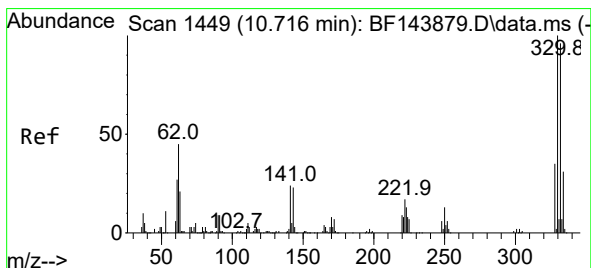
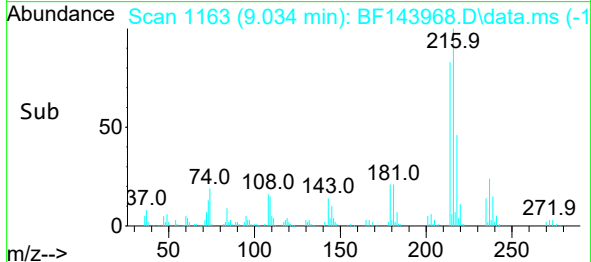
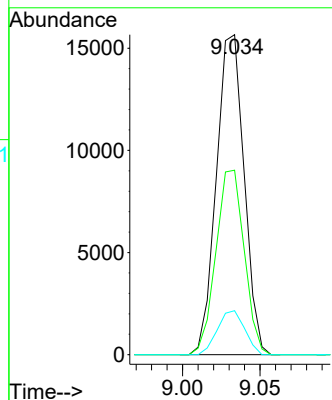
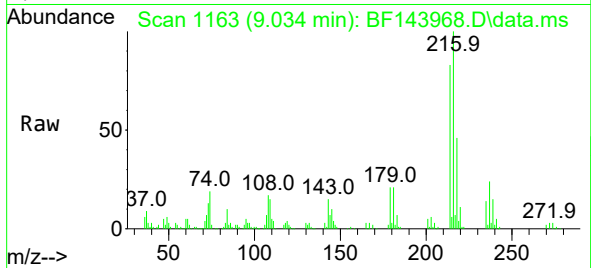




#41
Hexachlorocyclopentadiene
Concen: 5.515 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

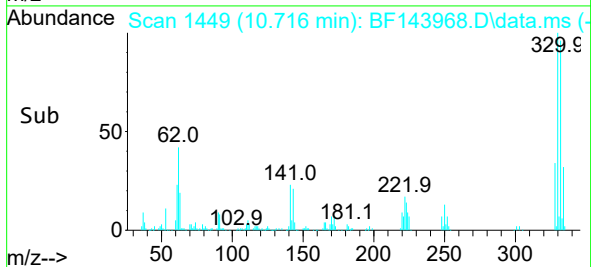
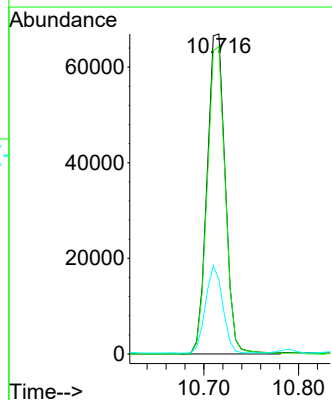
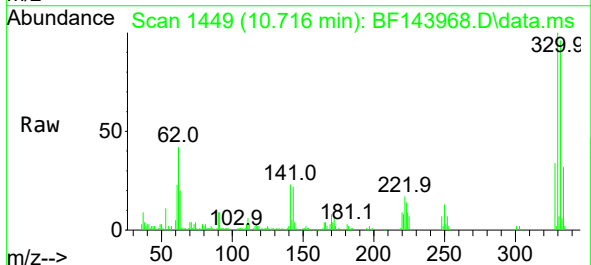
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

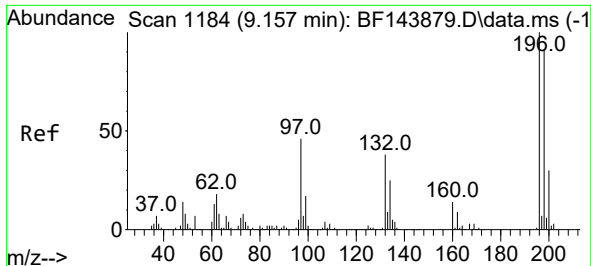
Tgt Ion:237 Resp: 19512
Ion Ratio Lower Upper
237 100
235 57.6 42.3 82.3
272 13.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 28.802 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:330 Resp: 88512
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 26.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 18.055 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143968.D

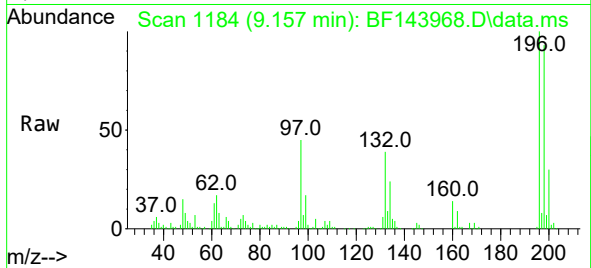
Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS



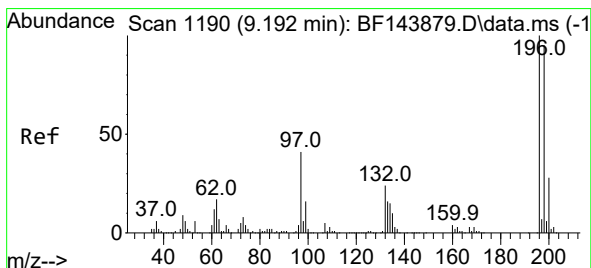
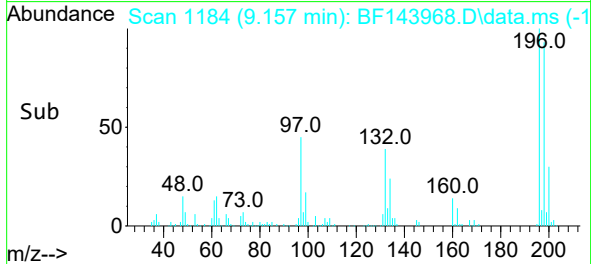
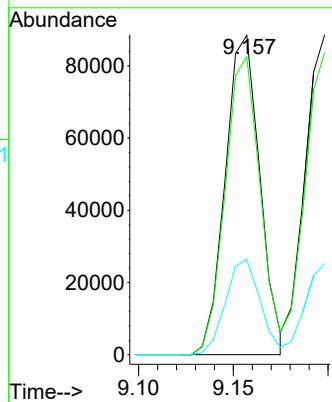
Tgt Ion:196 Resp: 112496

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

200 29.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 17.451 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Tgt Ion:196 Resp: 114908

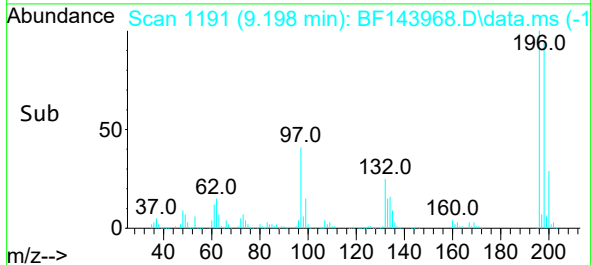
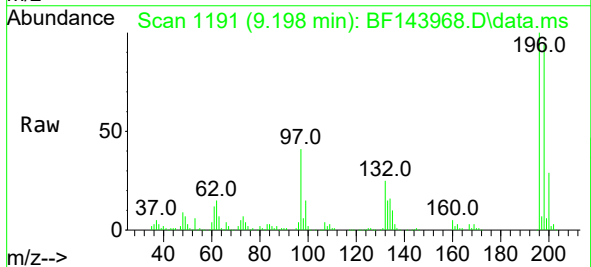
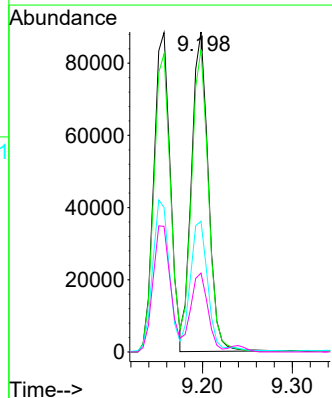
Ion Ratio Lower Upper

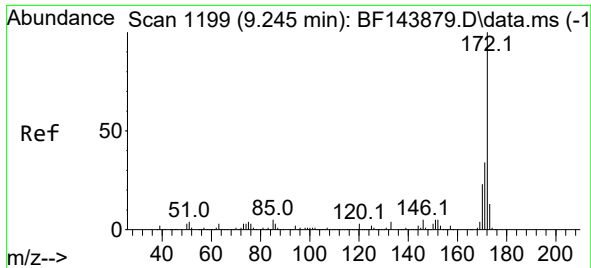
196 100

198 94.5 75.5 113.3

97 40.8 33.9 50.9

132 24.7 20.0 30.0

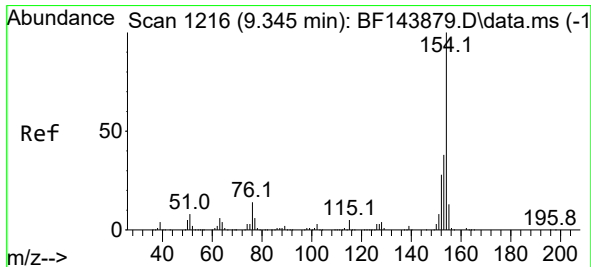
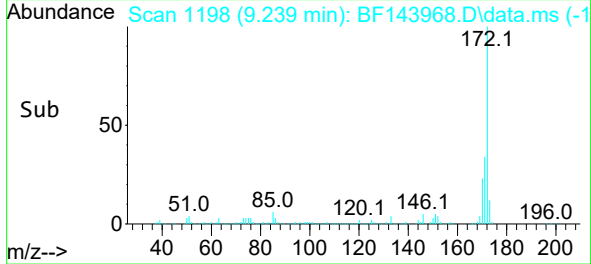
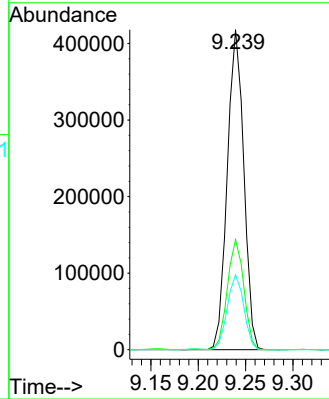
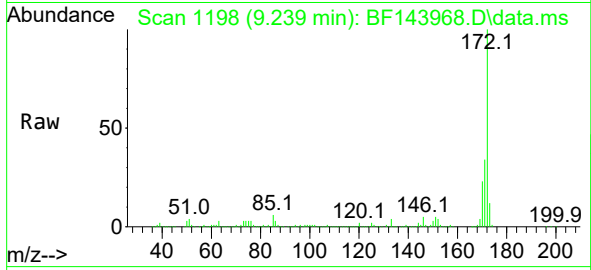




#45
2-Fluorobiphenyl
Concen: 26.068 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

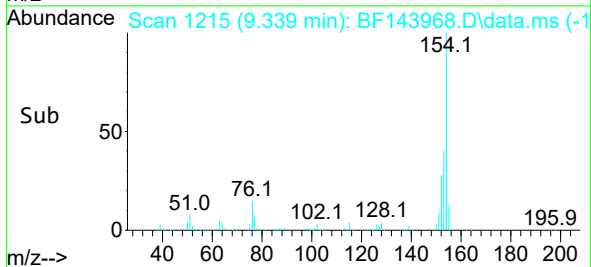
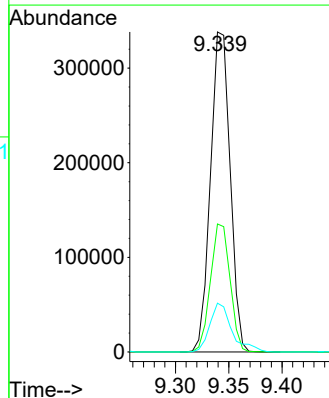
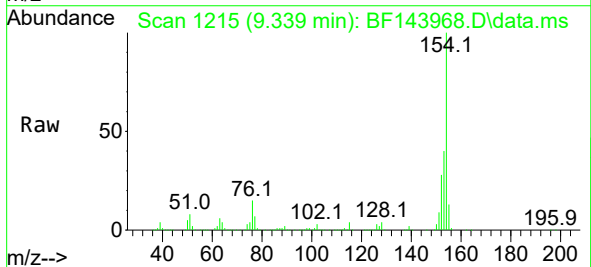
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

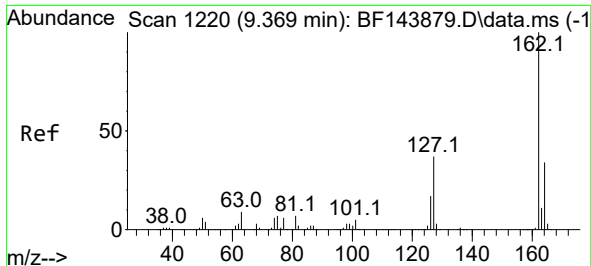
Tgt Ion:172 Resp: 506900
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 21.232 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:154 Resp: 433726
Ion Ratio Lower Upper
154 100
153 40.0 18.4 58.4
76 15.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 18.594 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143968.D

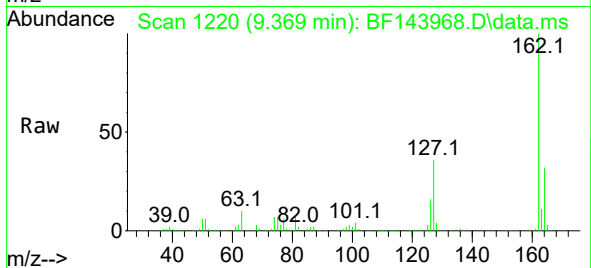
Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS



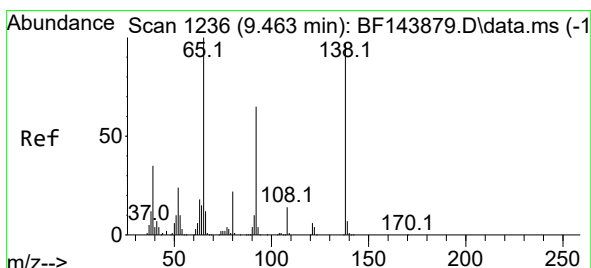
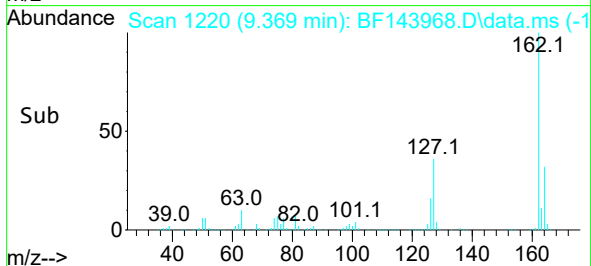
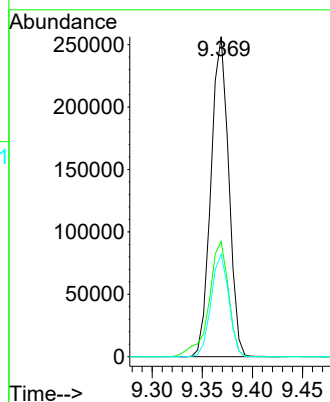
Tgt Ion:162 Resp: 316701

Ion Ratio Lower Upper

162 100

127 36.0 30.2 45.2

164 32.0 26.9 40.3



#48

2-Nitroaniline

Concen: 19.577 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

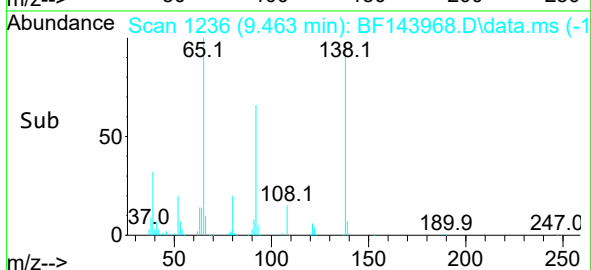
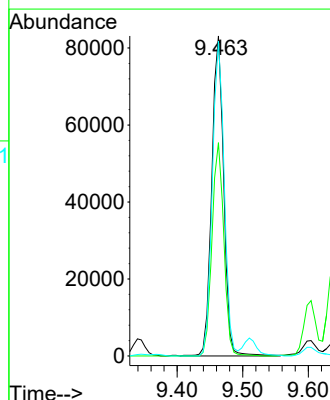
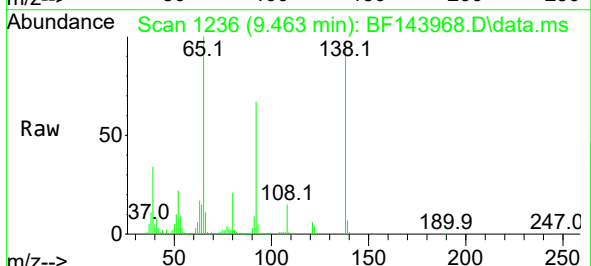
Tgt Ion: 65 Resp: 105421

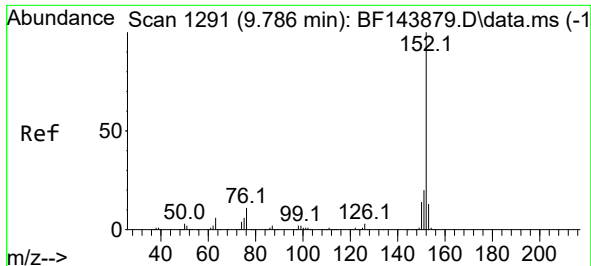
Ion Ratio Lower Upper

65 100

92 66.6 52.1 78.1

138 98.4 77.4 116.2

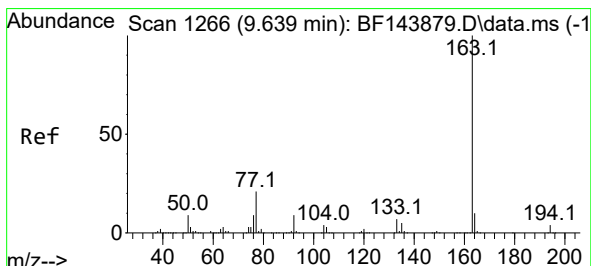
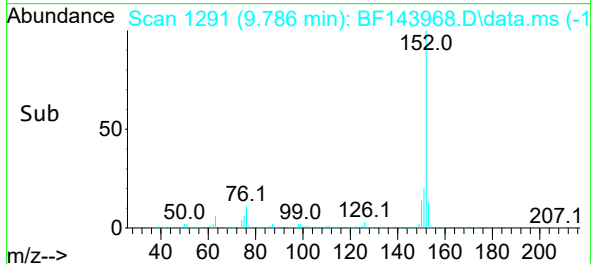
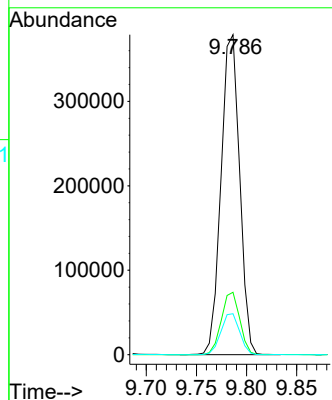
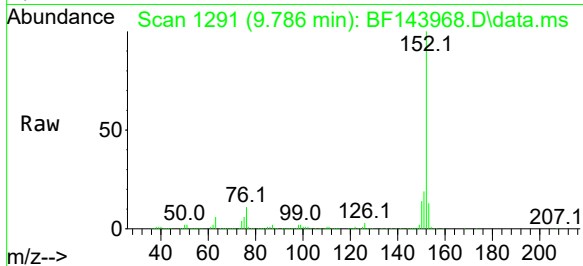




#49
Acenaphthylene
Concen: 20.370 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

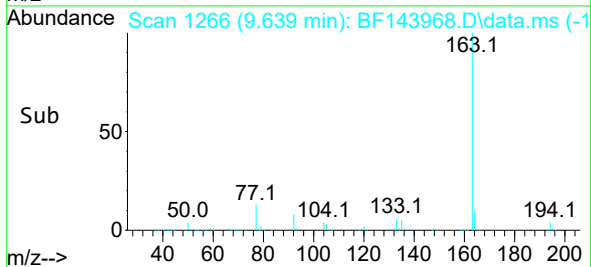
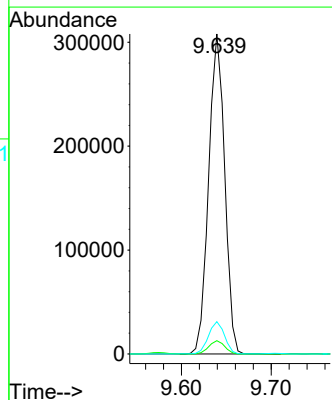
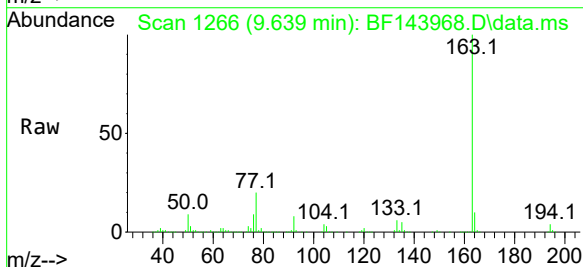
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

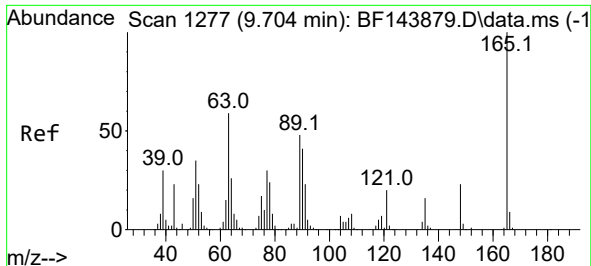
Tgt Ion:152 Resp: 487755
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 19.541 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:163 Resp: 382879
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.1 12.1

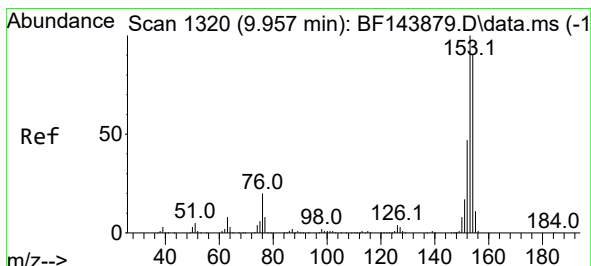
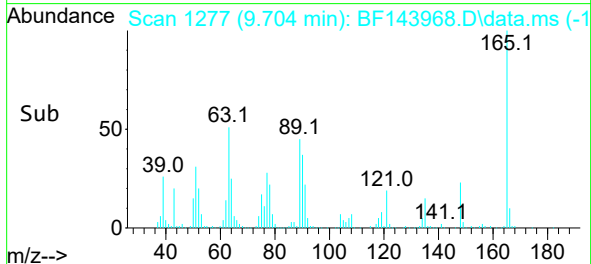
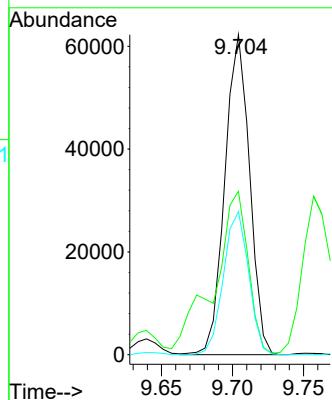
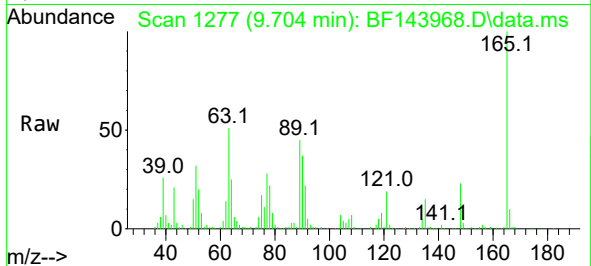




#51
2,6-Dinitrotoluene
Concen: 20.750 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

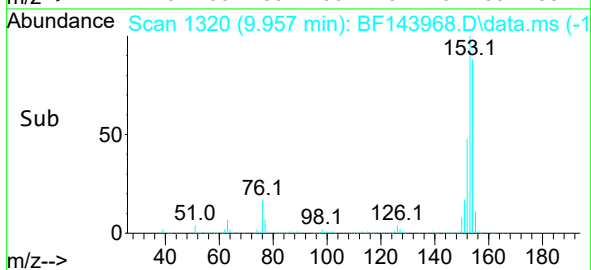
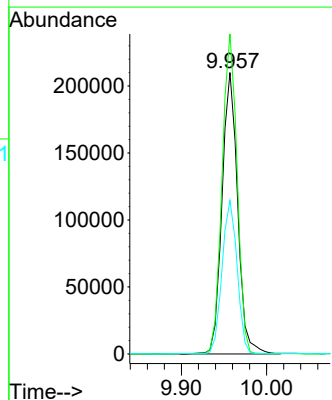
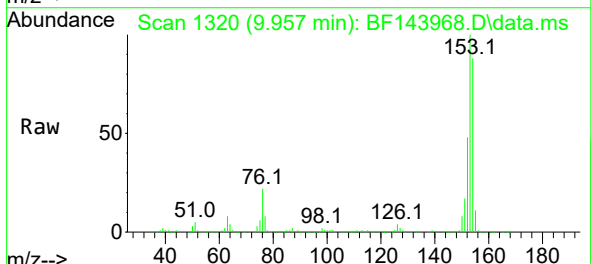
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

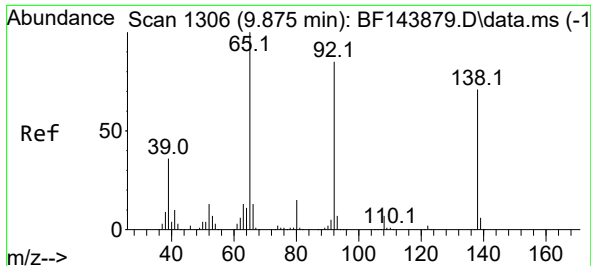
Tgt Ion:165 Resp: 75391
Ion Ratio Lower Upper
165 100
63 51.0 47.3 70.9
89 44.7 38.2 57.4



#52
Acenaphthene
Concen: 17.087 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:154 Resp: 268096
Ion Ratio Lower Upper
154 100
153 113.7 89.3 133.9
152 54.5 42.2 63.2

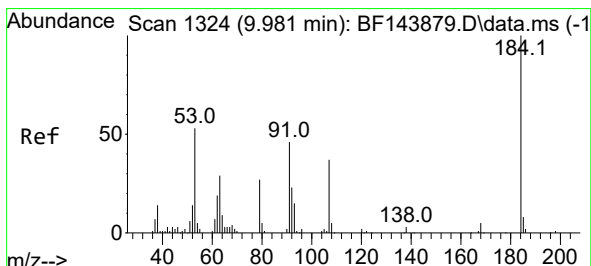
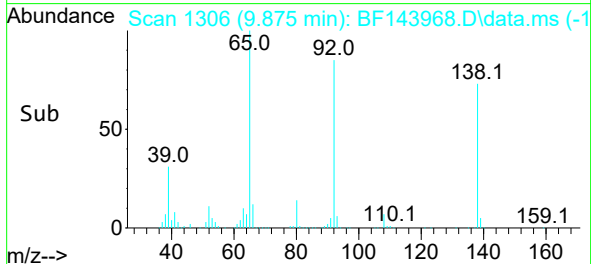
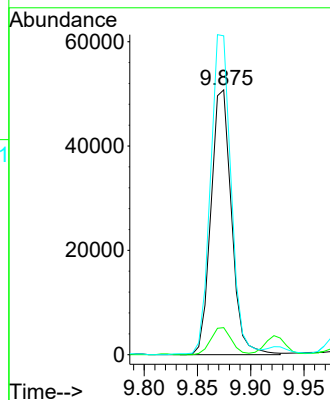
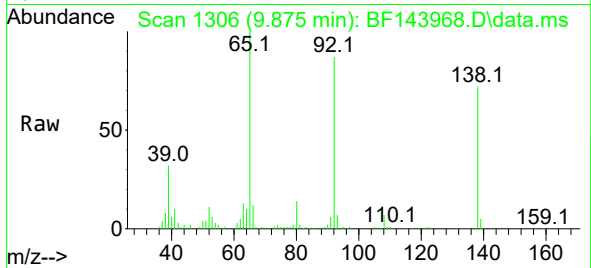




#53
3-Nitroaniline
Concen: 15.290 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

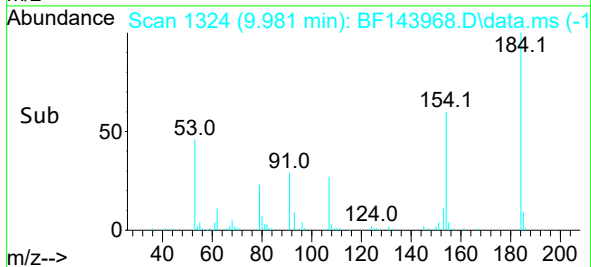
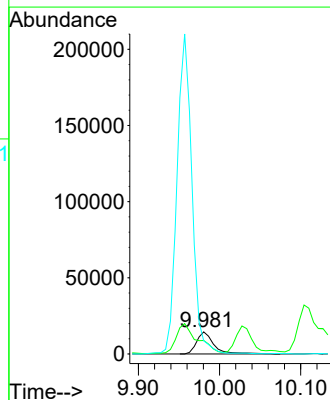
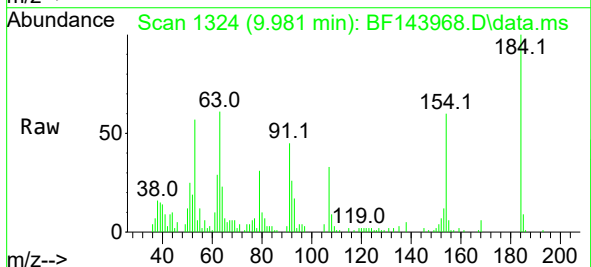
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

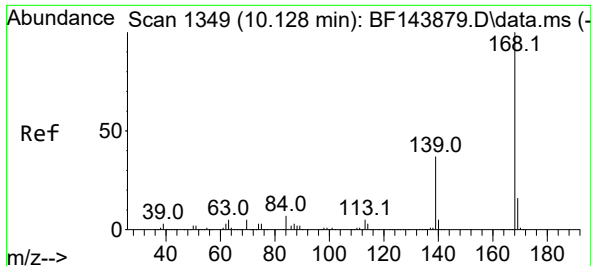
Tgt Ion:138 Resp: 68024
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 120.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 15.647 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:184 Resp: 21365
Ion Ratio Lower Upper
184 100
63 61.2 48.2 72.4
154 59.6 49.2 73.8

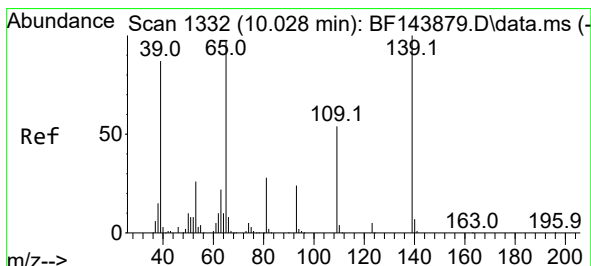
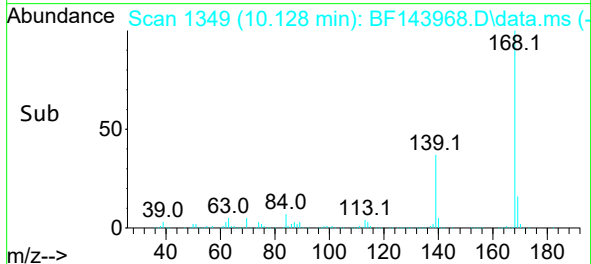
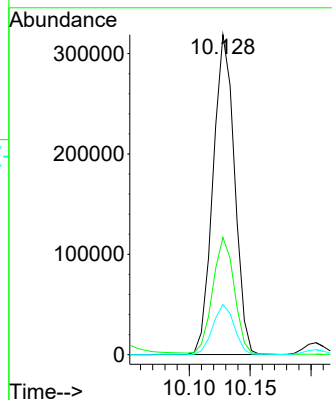
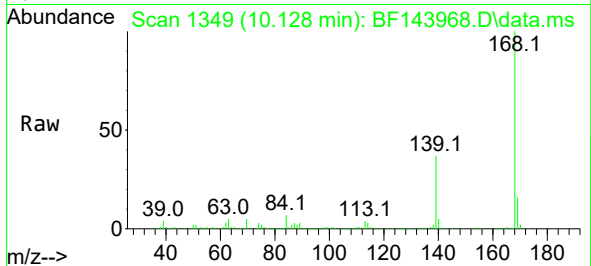




#55
Dibenzofuran
Concen: 17.610 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

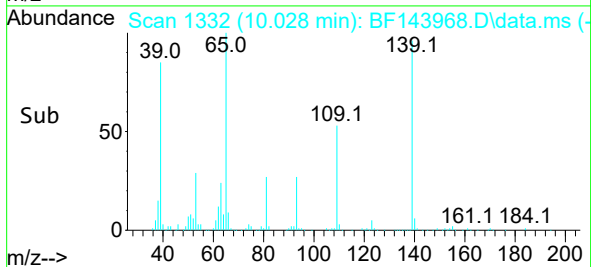
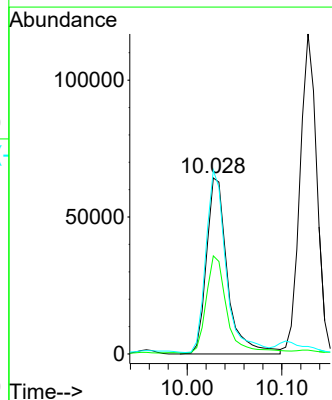
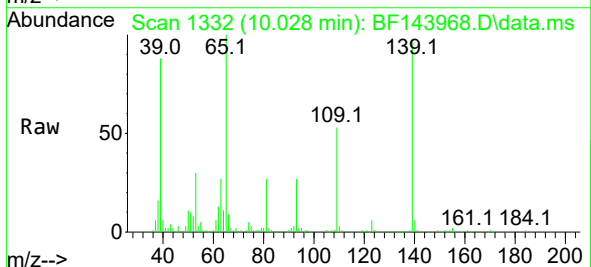
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

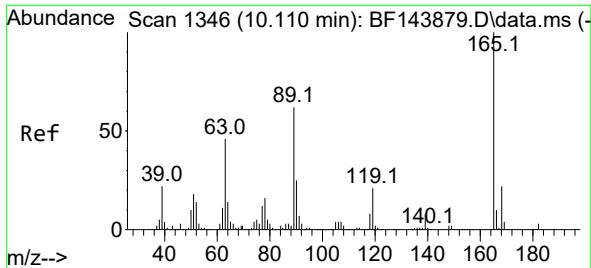
Tgt Ion:168 Resp: 390031
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.8
169 15.6 12.8 19.2



#56
4-Nitrophenol
Concen: 29.404 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:139 Resp: 99048
Ion Ratio Lower Upper
139 100
109 55.7 34.5 74.5
65 104.4 77.6 117.6

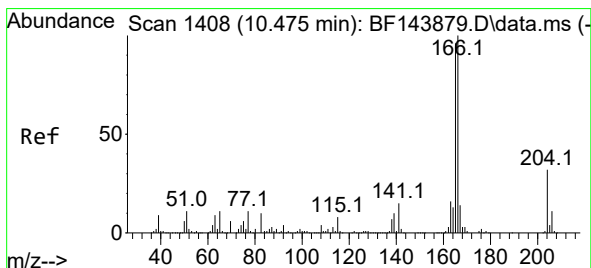
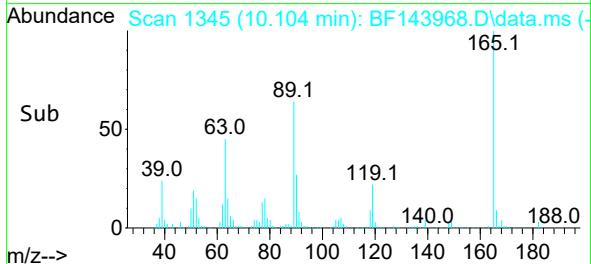
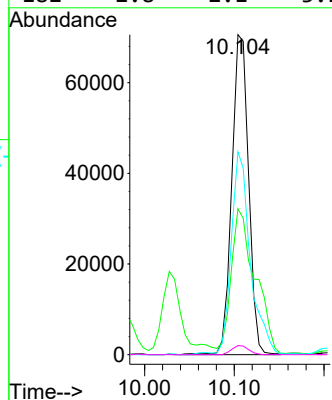
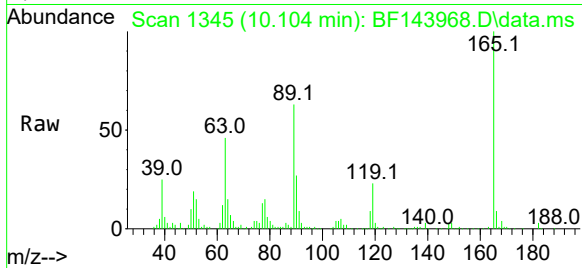




#57
2,4-Dinitrotoluene
Concen: 18.542 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

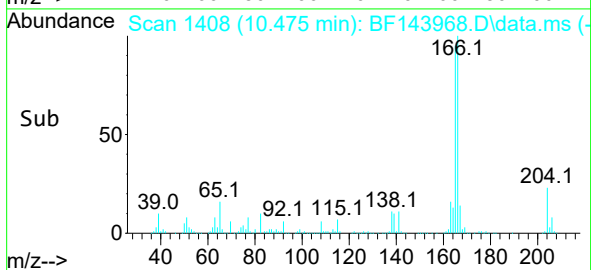
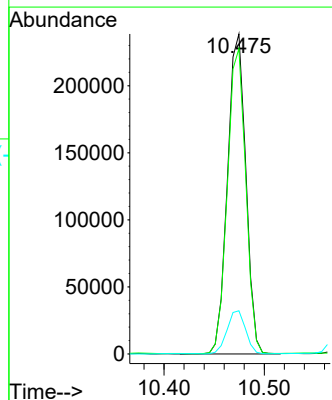
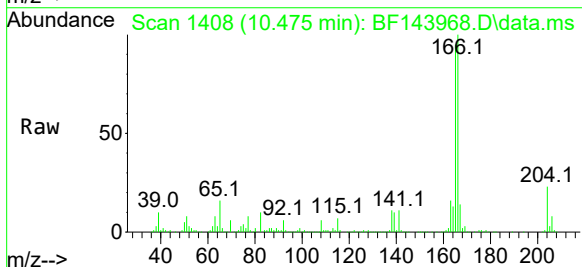
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

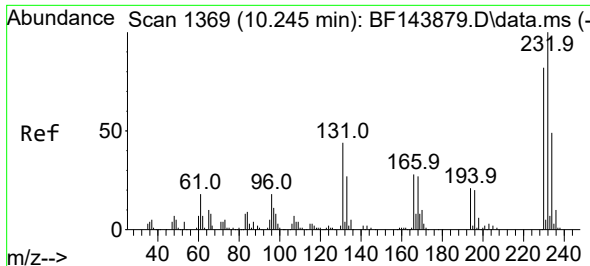
Tgt Ion:165 Resp: 91663
Ion Ratio Lower Upper
165 100
63 45.6 37.2 55.8
89 63.4 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 18.155 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:166 Resp: 303410
Ion Ratio Lower Upper
166 100
165 95.4 77.0 115.6
167 13.5 11.1 16.7

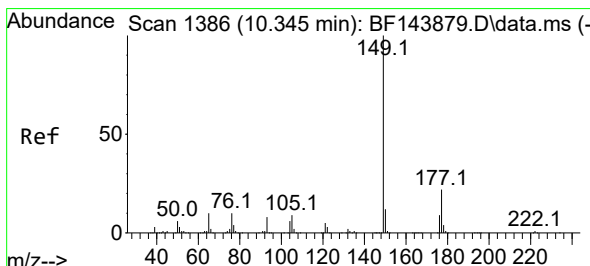
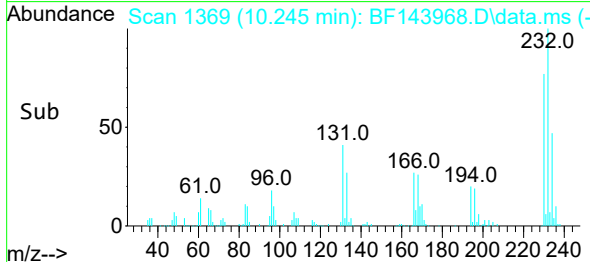
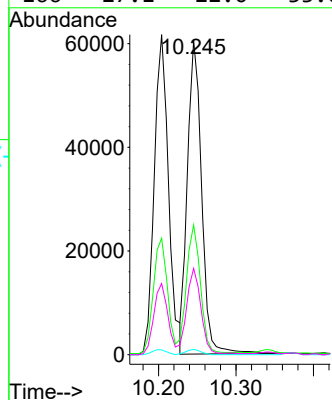
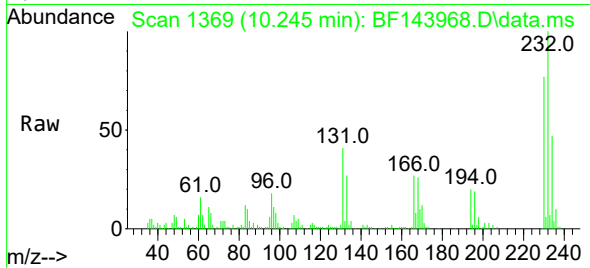




#59
2,3,4,6-Tetrachlorophenol
Concen: 16.558 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

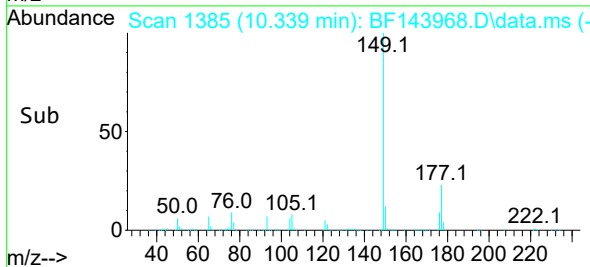
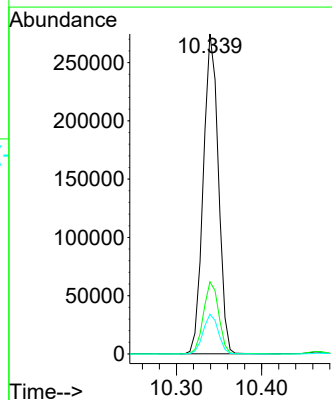
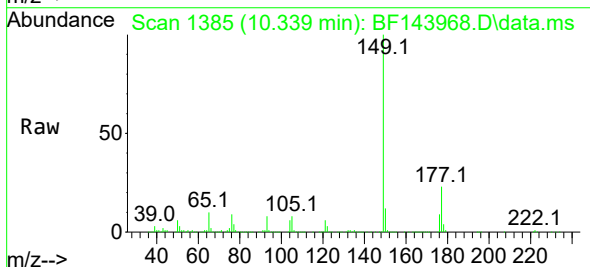
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

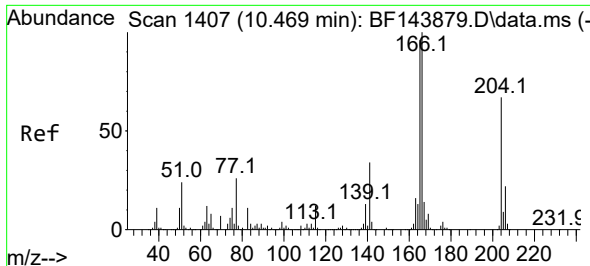
Tgt Ion:232 Resp: 77179
Ion Ratio Lower Upper
232 100
131 40.3 34.9 52.3
130 1.8 1.6 2.4
166 27.1 22.0 33.0



#60
Diethylphthalate
Concen: 18.513 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:149 Resp: 336997
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.4 9.8 14.8

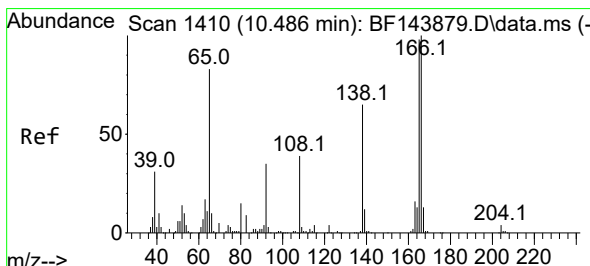
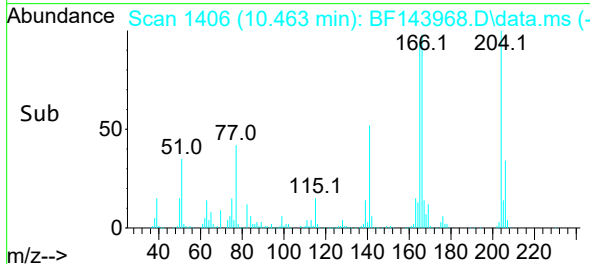
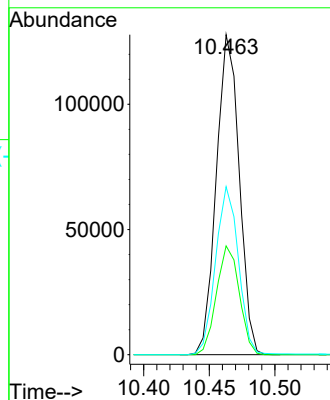
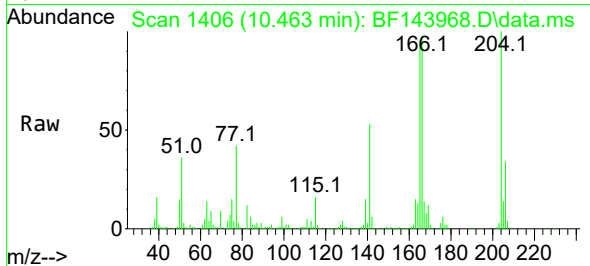




#61
4-Chlorophenyl-phenylether
Concen: 17.544 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

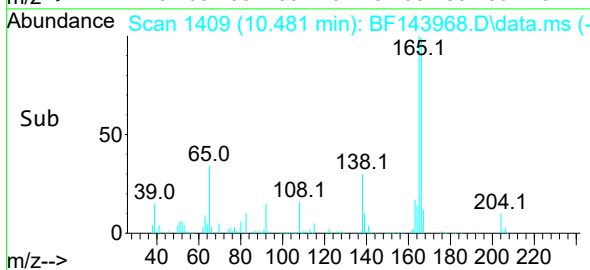
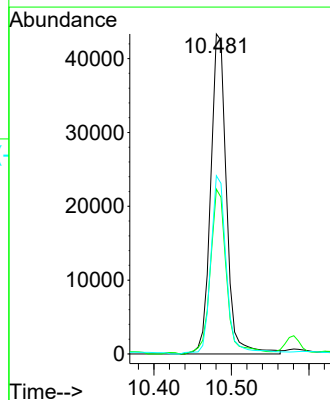
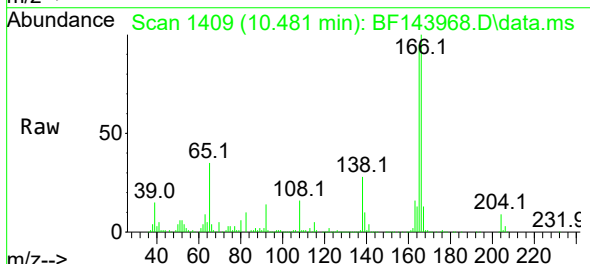
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

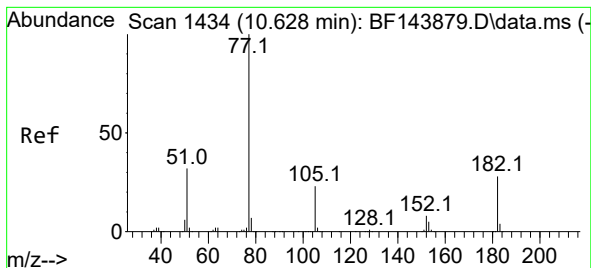
Tgt Ion:204 Resp: 155014
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 52.5 40.4 60.6



#62
4-Nitroaniline
Concen: 14.372 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:138 Resp: 61485
Ion Ratio Lower Upper
138 100
92 51.5 33.9 73.9
108 55.7 40.2 80.2





#63

Azobenzene

Concen: 18.676 ng

RT: 10.622 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF143968.D

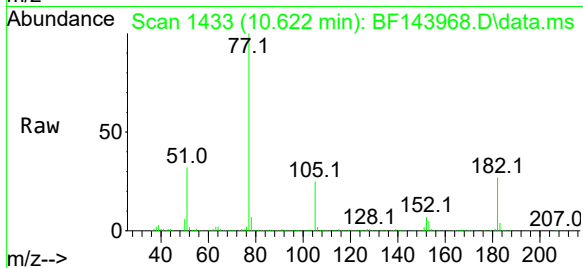
Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS



Tgt Ion: 77 Resp: 355308

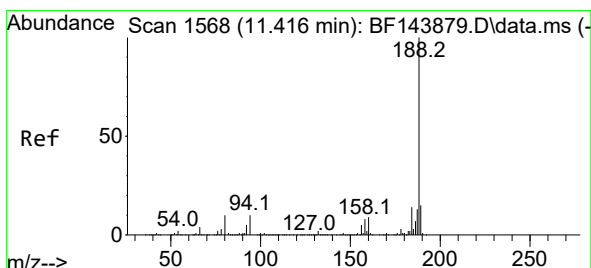
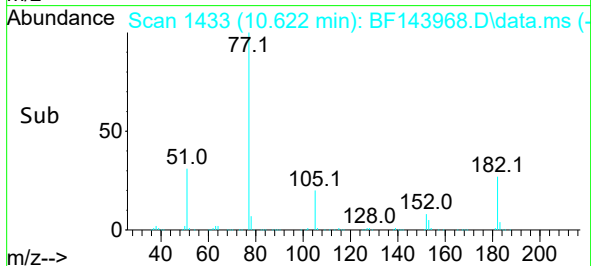
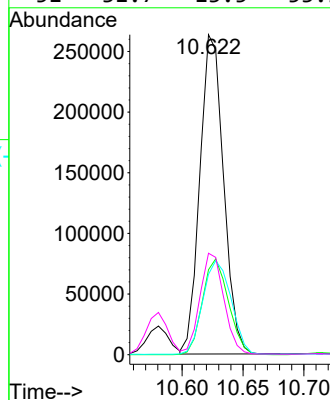
Ion Ratio Lower Upper

77 100

182 26.5 7.3 47.3

105 25.2 3.0 43.0

51 31.7 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

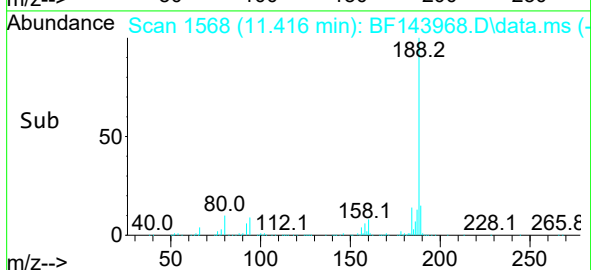
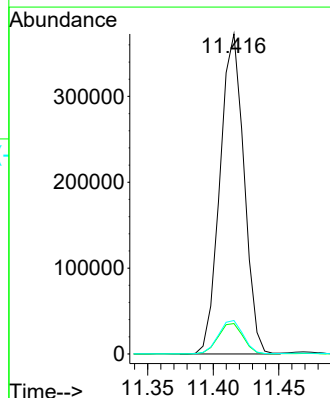
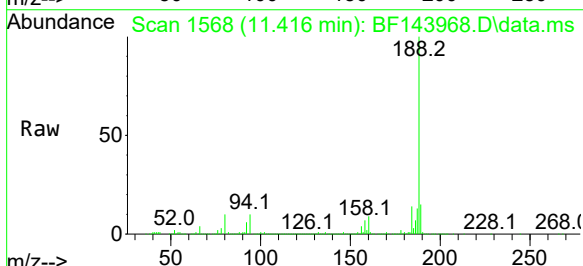
Tgt Ion:188 Resp: 474955

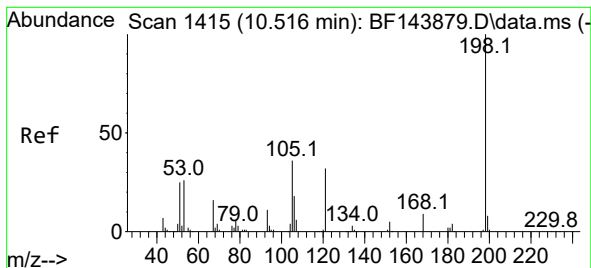
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 10.5 7.9 11.9

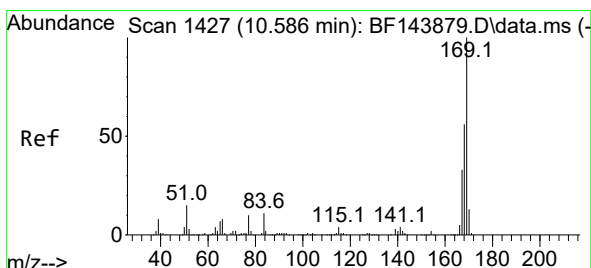
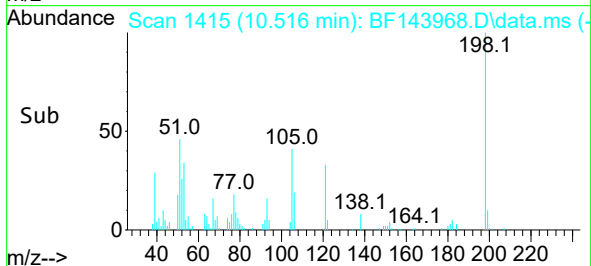
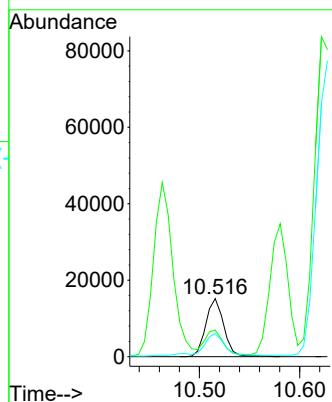
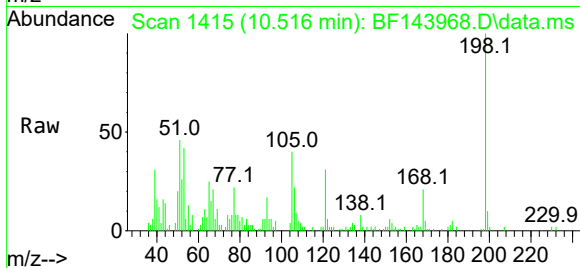




#65
4,6-Dinitro-2-methylphenol
Concen: 7.995 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

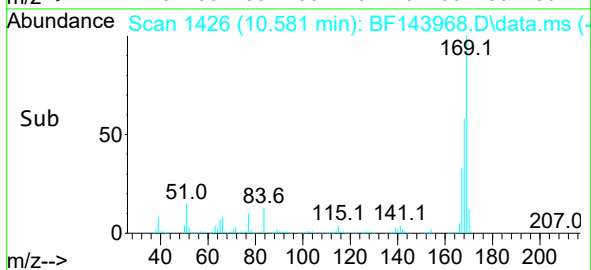
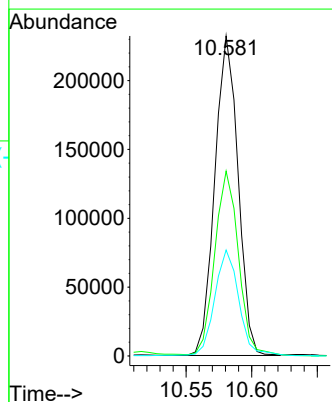
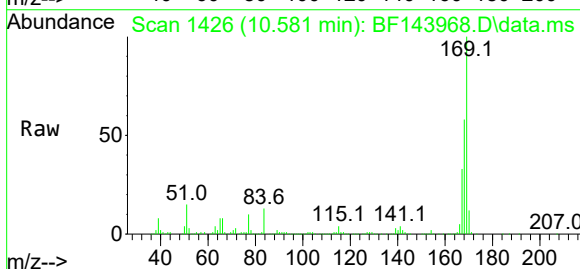
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

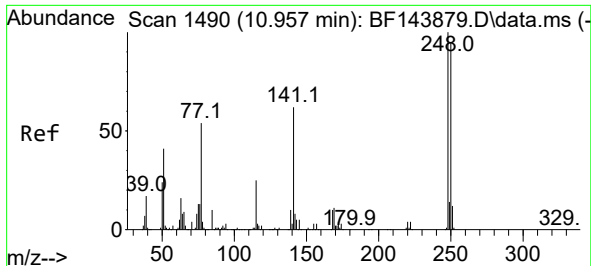
Tgt Ion:198 Resp: 19082
Ion Ratio Lower Upper
198 100
51 45.6 33.8 73.8
105 39.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 19.183 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:169 Resp: 286085
Ion Ratio Lower Upper
169 100
168 57.7 44.9 67.3
167 33.1 26.3 39.5

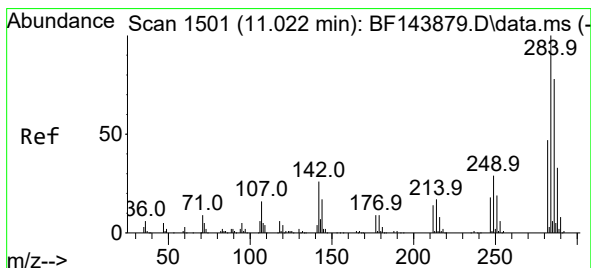
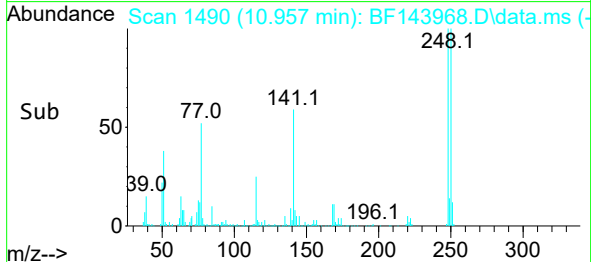
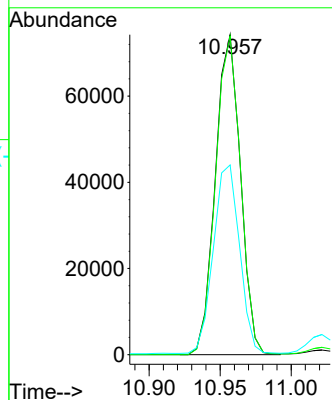
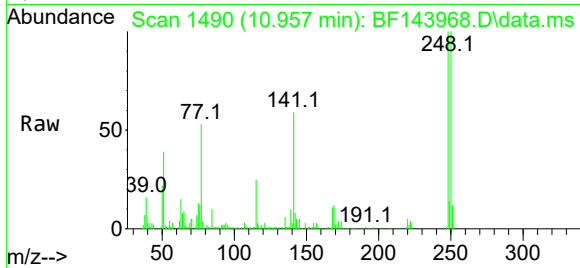




#67
4-Bromophenyl-phenylether
Concen: 17.399 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

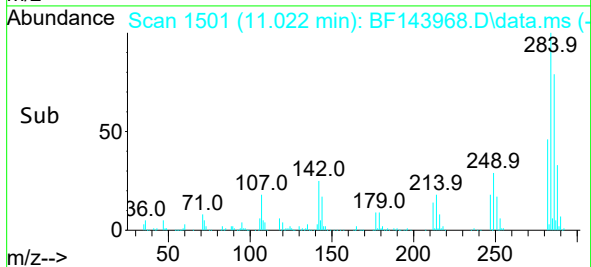
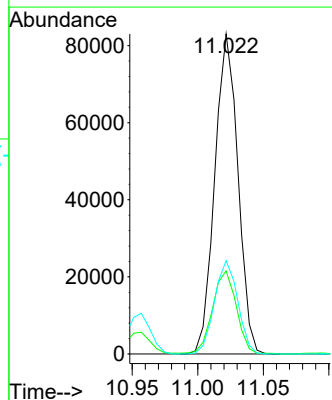
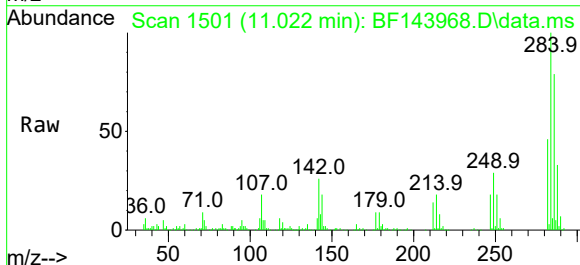
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

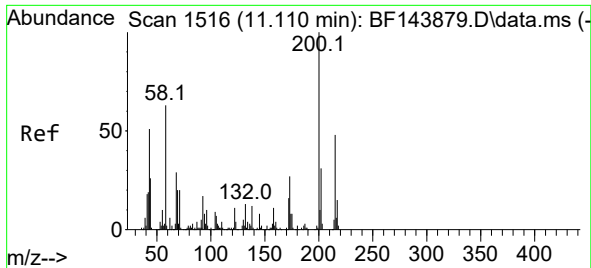
Tgt Ion:	248	Resp:	91325
Ion Ratio	Lower	Upper	
248	100		
250	99.6	76.3	114.5
141	59.3	49.7	74.5



#68
Hexachlorobenzene
Concen: 16.746 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:	284	Resp:	101764
Ion Ratio	Lower	Upper	
284	100		
142	25.9	20.6	30.8
249	29.1	23.2	34.8

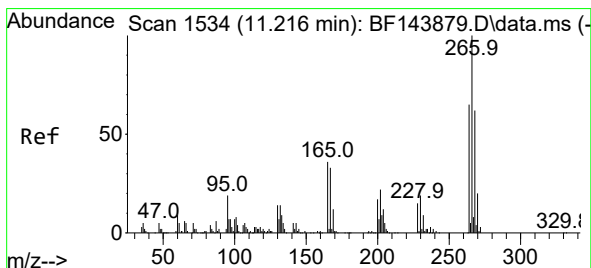
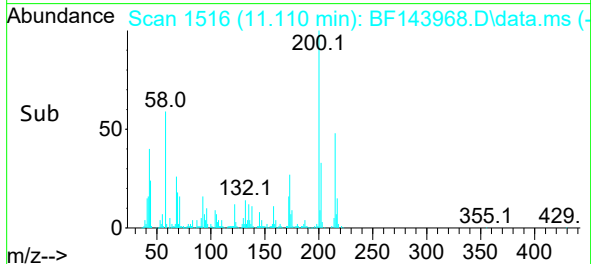
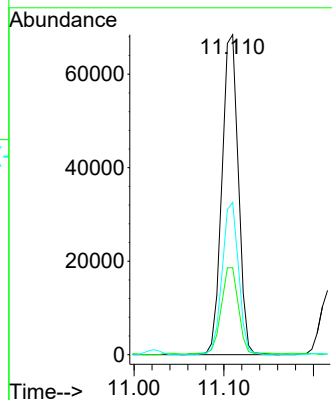
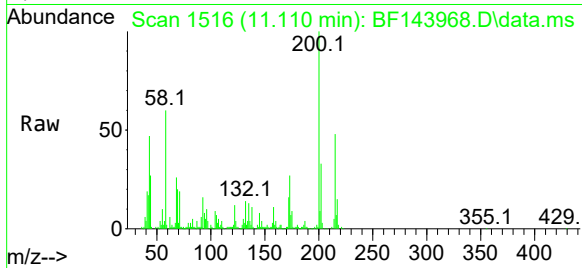




#69
 Atrazine
 Concen: 19.263 ng
 RT: 11.110 min Scan# 1516
 Delta R.T. -0.012 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

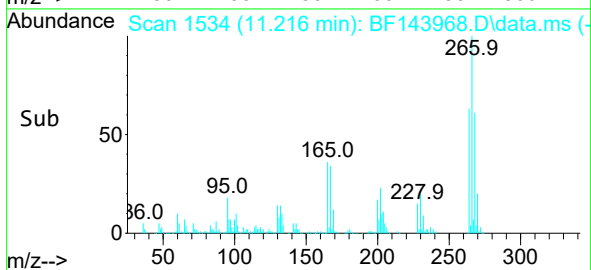
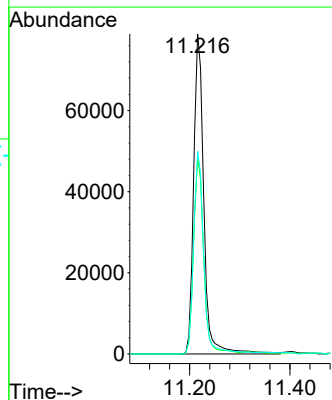
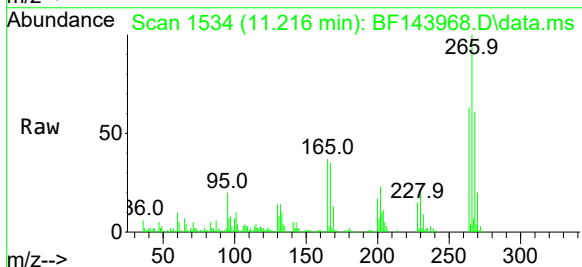
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

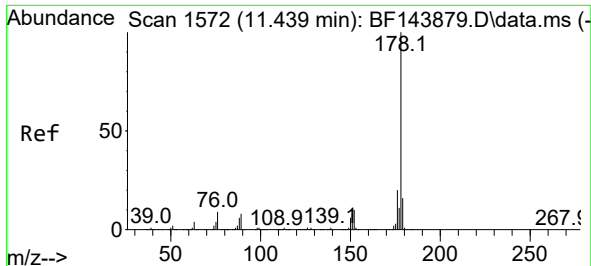
Tgt Ion:200 Resp: 87070
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.0 47.0
 215 47.6 27.8 67.8



#70
 Pentachlorophenol
 Concen: 31.883 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. -0.006 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

Tgt Ion:266 Resp: 111274
 Ion Ratio Lower Upper
 266 100
 268 61.4 49.4 74.0
 264 63.4 51.8 77.6

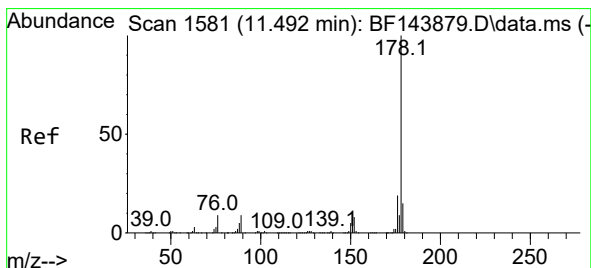
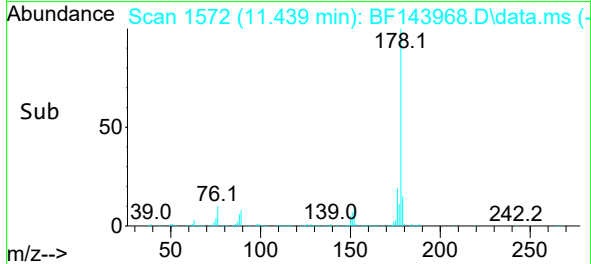
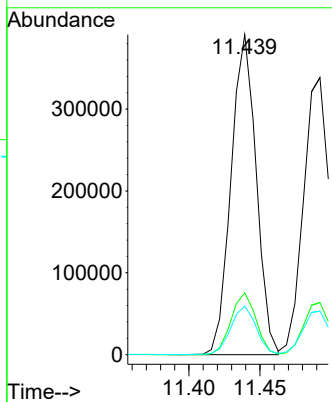
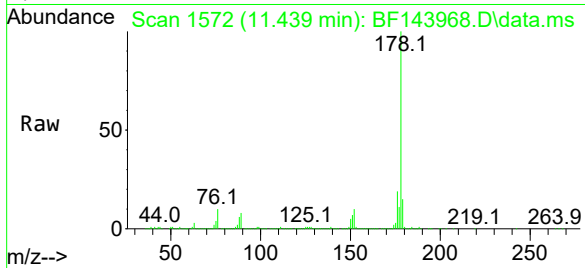




#71
Phenanthrene
Concen: 20.908 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

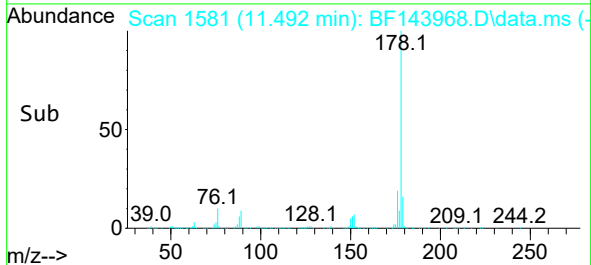
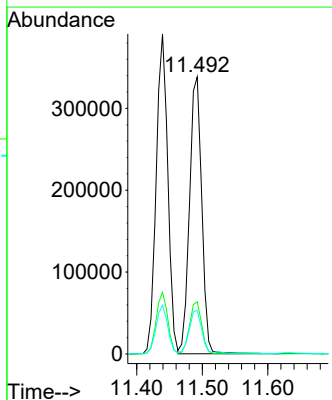
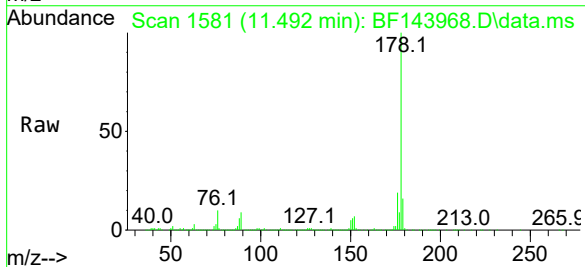
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

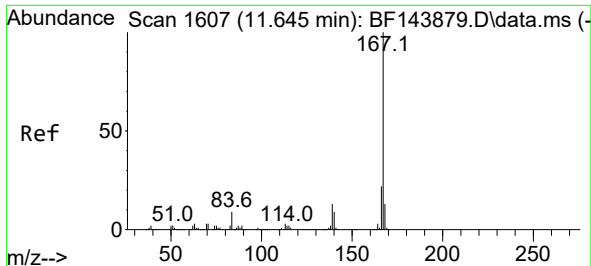
Tgt Ion:178 Resp: 481429
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.2 12.4 18.6



#72
Anthracene
Concen: 18.794 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:178 Resp: 437171
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.7 12.2 18.2

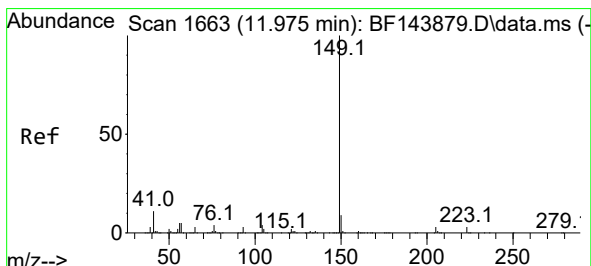
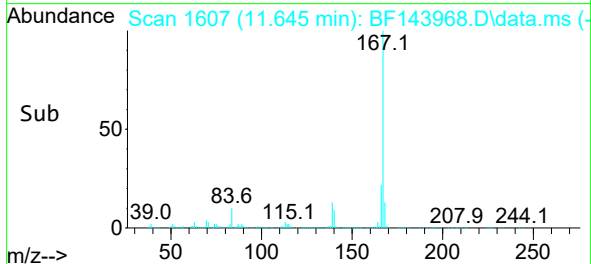
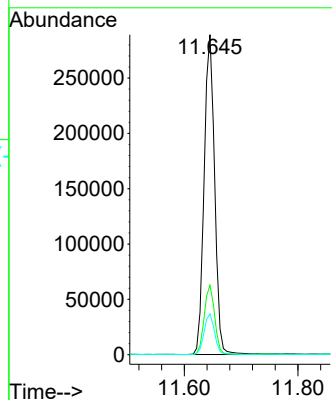
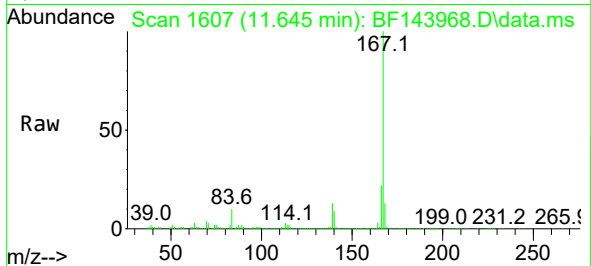




#73
 Carbazole
 Concen: 18.045 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

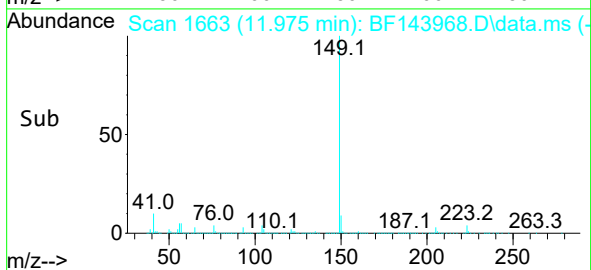
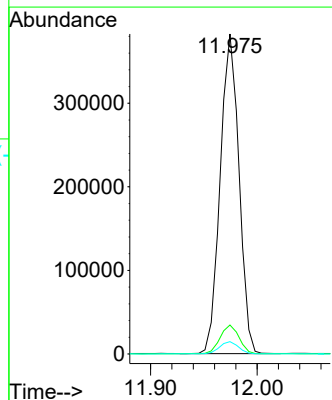
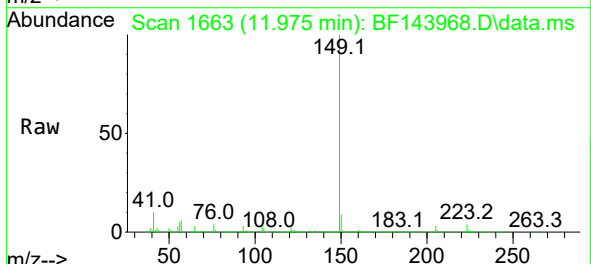
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

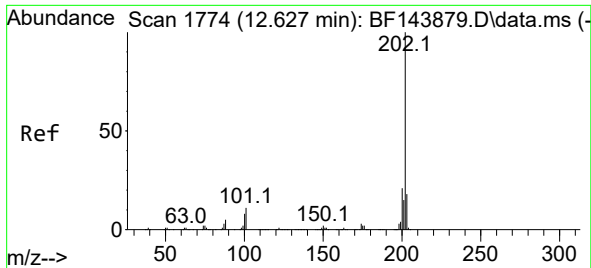
Tgt Ion:167 Resp: 371754
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.7 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 19.551 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

Tgt Ion:149 Resp: 466814
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 3.8 3.4 5.2

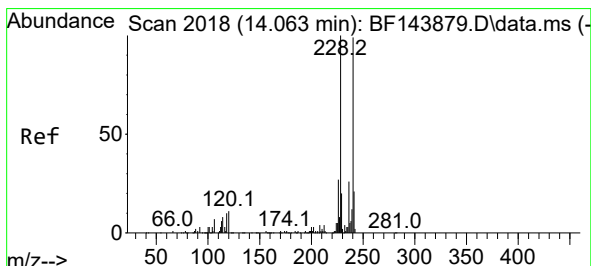
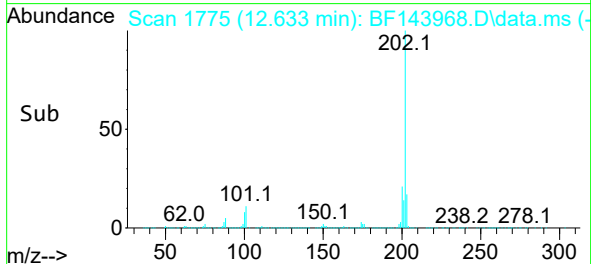
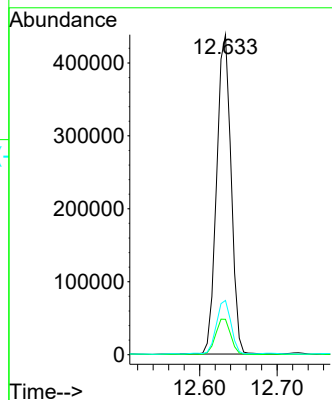
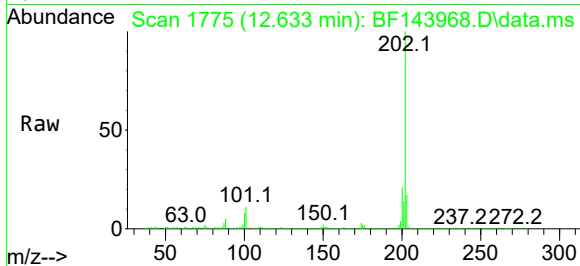




#75
Fluoranthene
Concen: 23.752 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

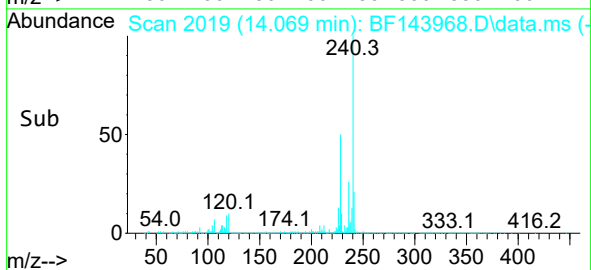
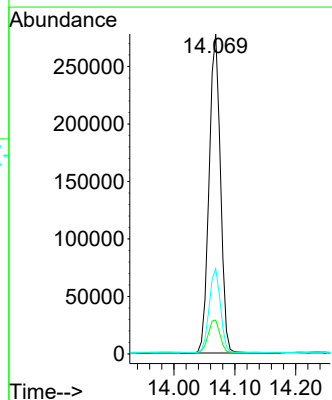
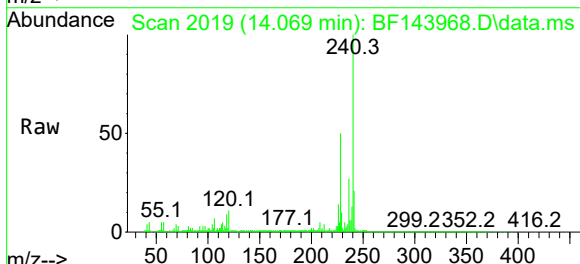
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

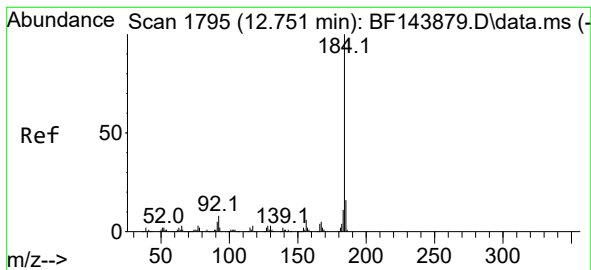
Tgt Ion:202 Resp: 564924
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:240 Resp: 360258
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.7 21.1 31.7





#77

Benzidine

Concen: 7.586 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

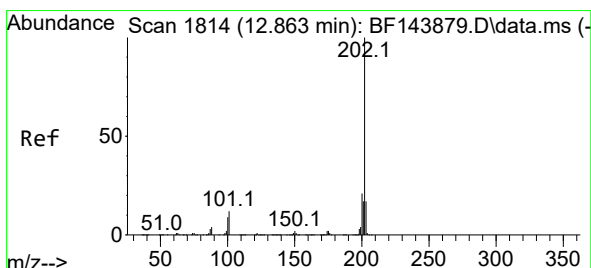
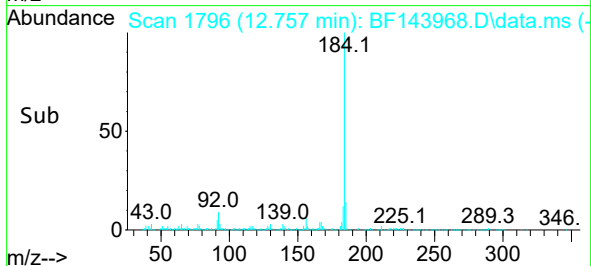
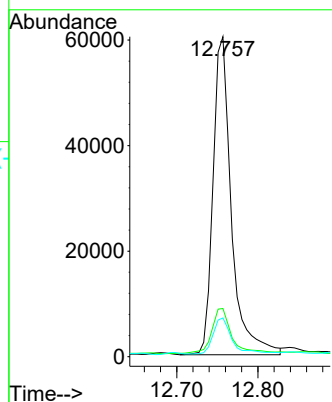
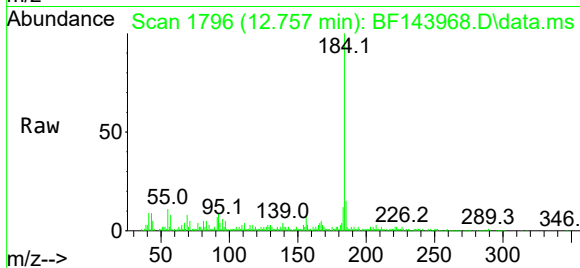
Tgt Ion:184 Resp: 94891

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 12.1 8.8 13.2



#78

Pyrene

Concen: 19.064 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

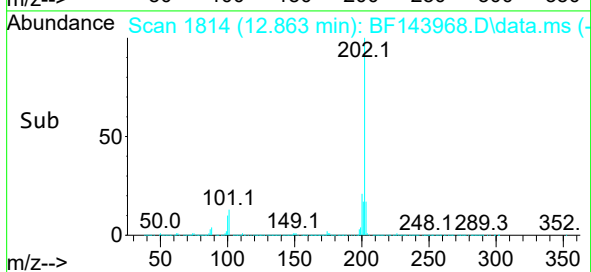
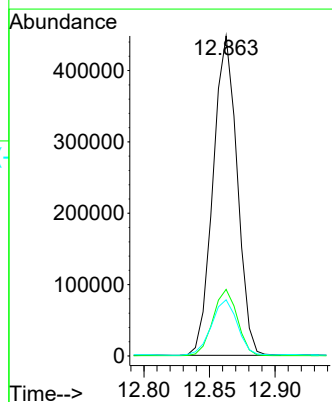
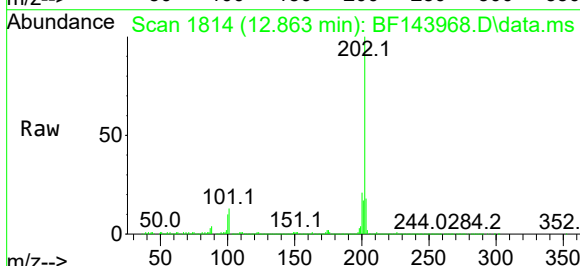
Tgt Ion:202 Resp: 572588

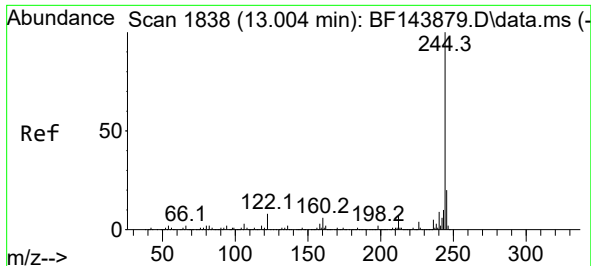
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 17.6 13.8 20.6

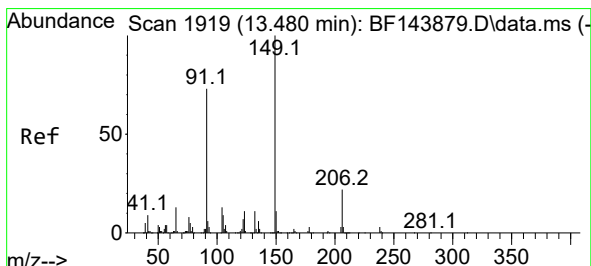
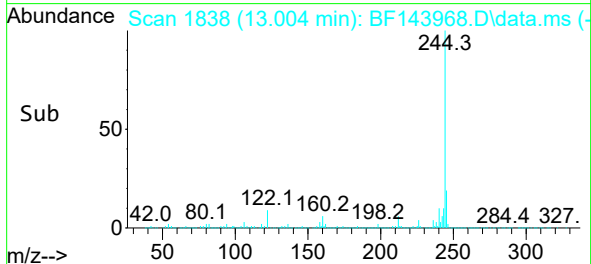
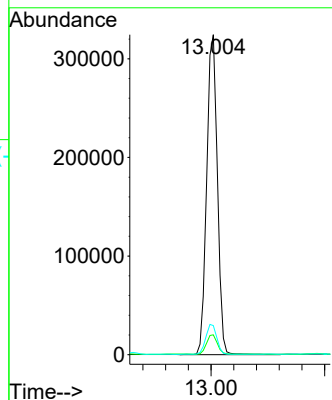
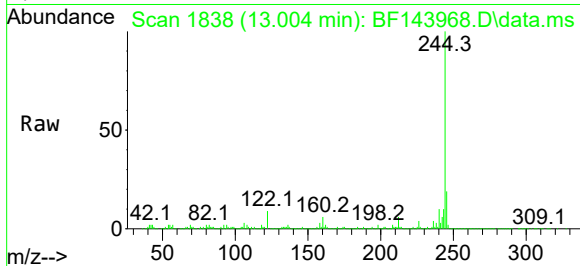




#79
 Terphenyl-d14
 Concen: 20.023 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

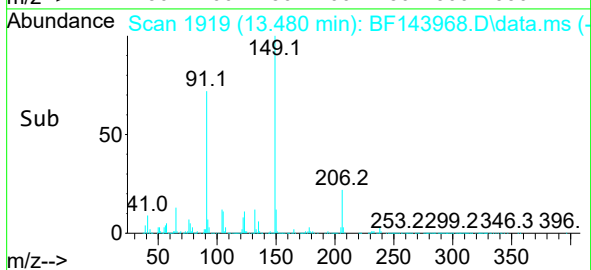
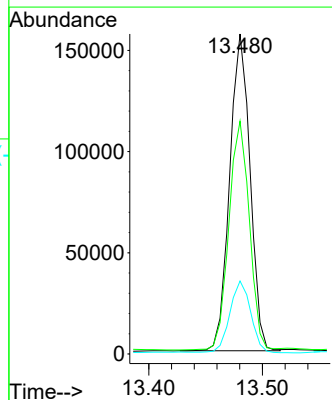
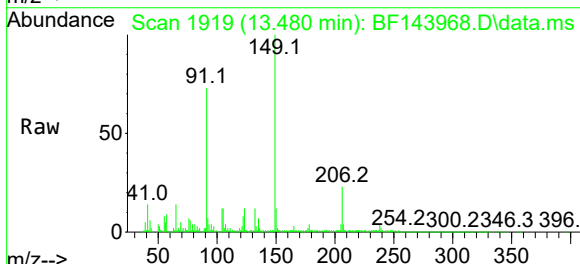
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

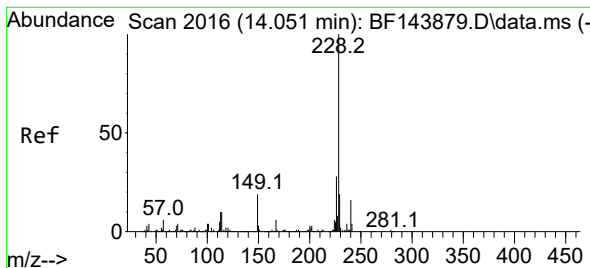
Tgt Ion:244 Resp: 422059
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.1 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 19.995 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

Tgt Ion:149 Resp: 195032
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.2 87.2
 206 22.8 17.9 26.9





#81

Benzo(a)anthracene

Concen: 20.265 ng

RT: 14.057 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

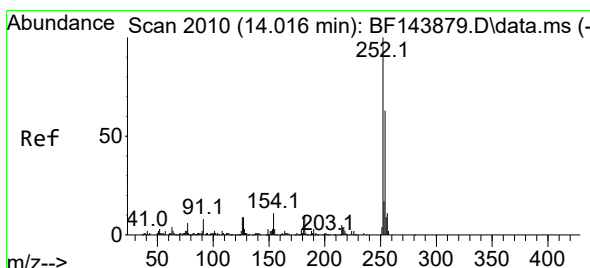
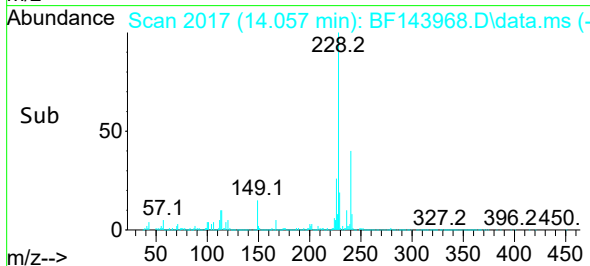
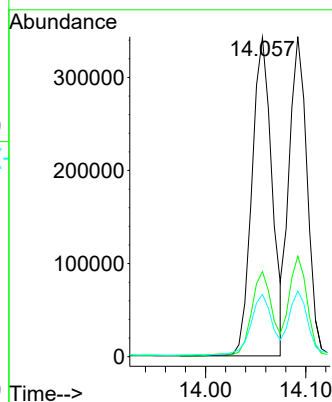
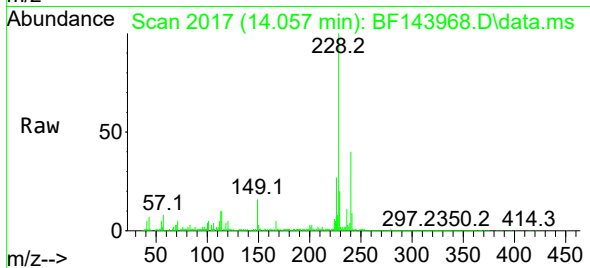
Tgt Ion:228 Resp: 477754

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.2

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 16.394 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

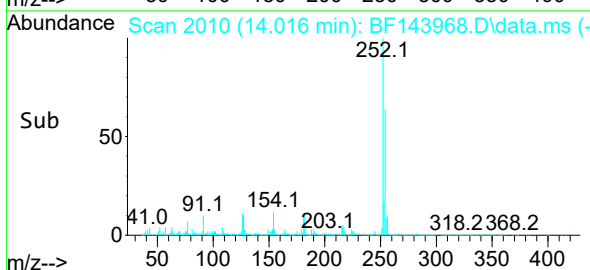
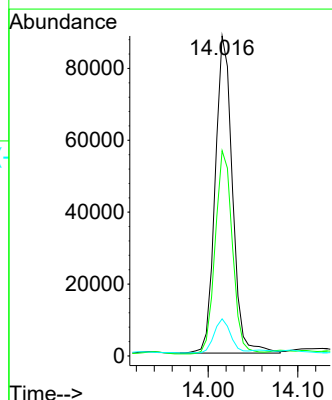
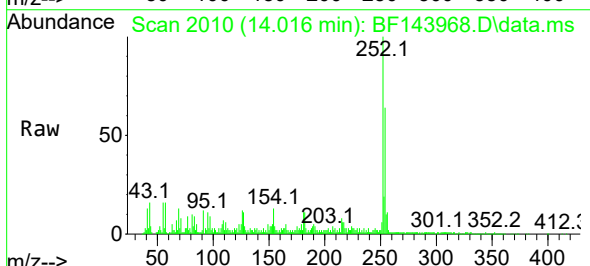
Tgt Ion:252 Resp: 117786

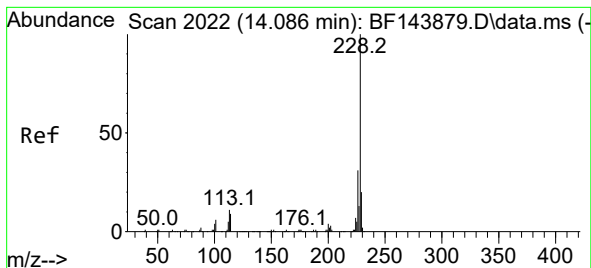
Ion Ratio Lower Upper

252 100

254 64.2 50.6 76.0

126 11.6 7.0 10.6#





#83

Chrysene

Concen: 19.418 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

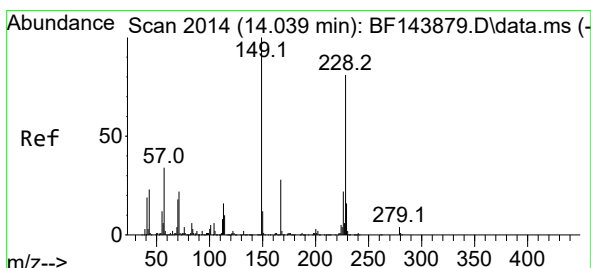
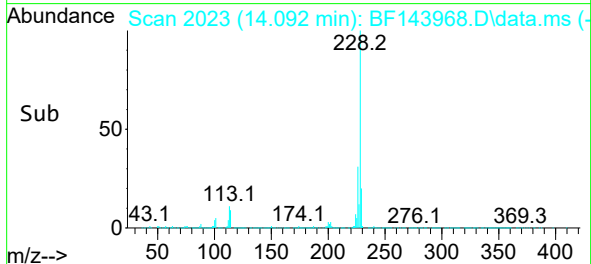
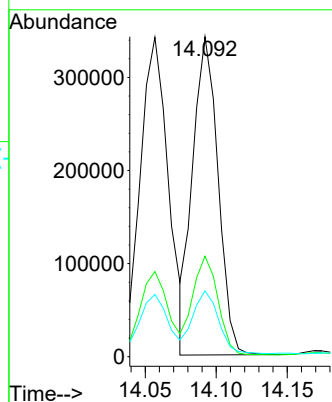
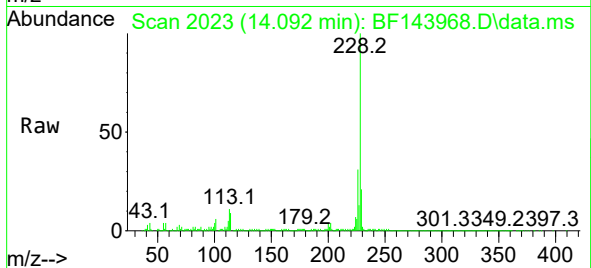
Tgt Ion:228 Resp: 423687

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.738 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

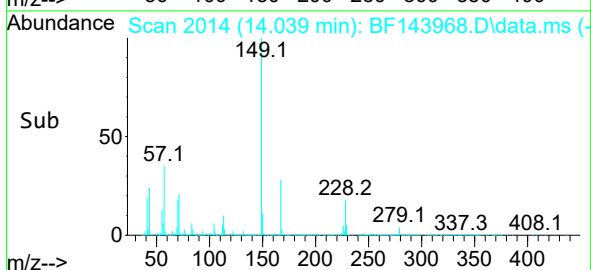
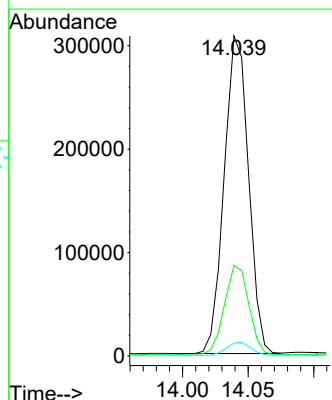
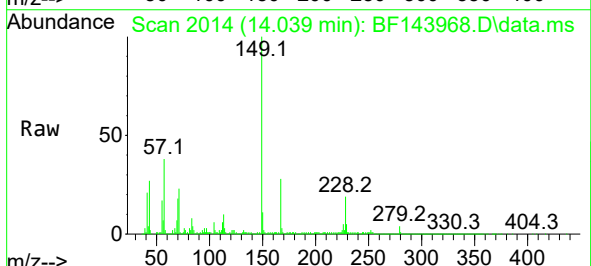
Tgt Ion:149 Resp: 396699

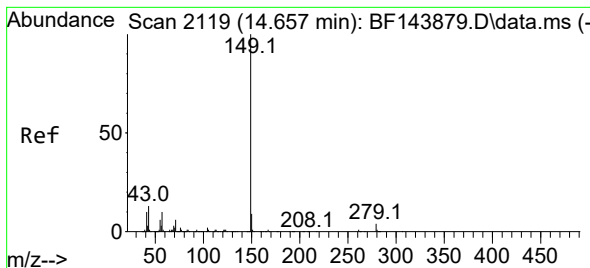
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 22.599 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

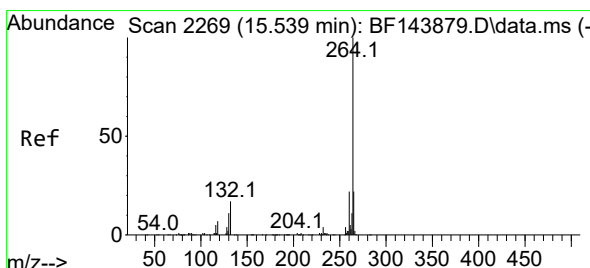
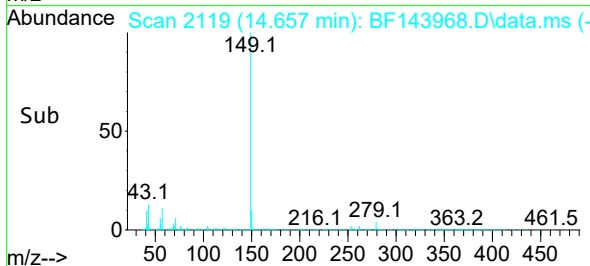
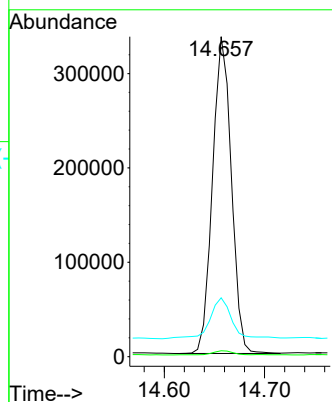
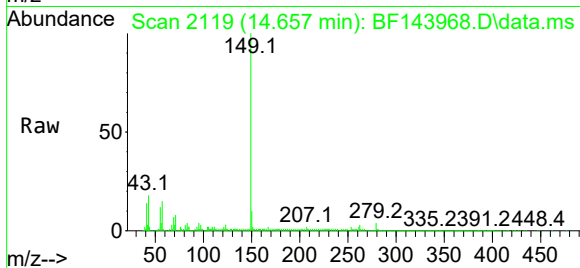
Tgt Ion:149 Resp: 436436

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 15.0 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

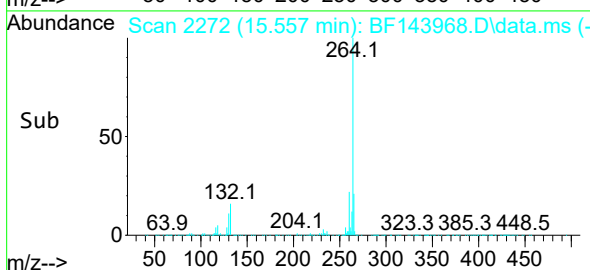
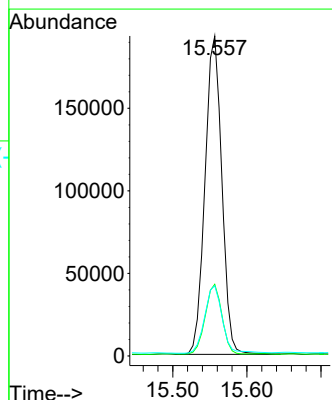
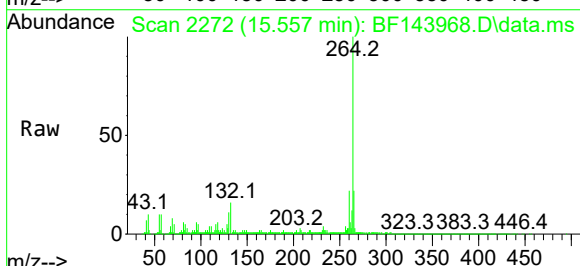
Tgt Ion:264 Resp: 304346

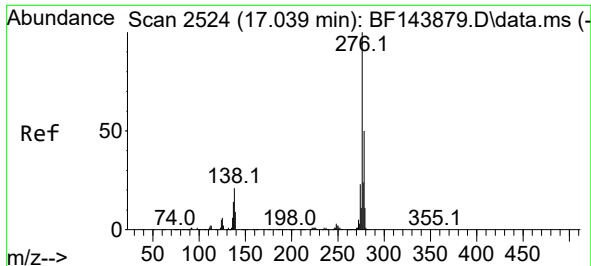
Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 22.0 17.5 26.3

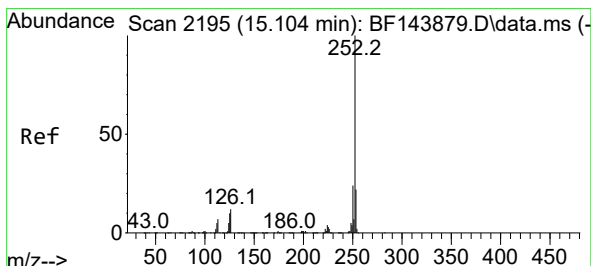
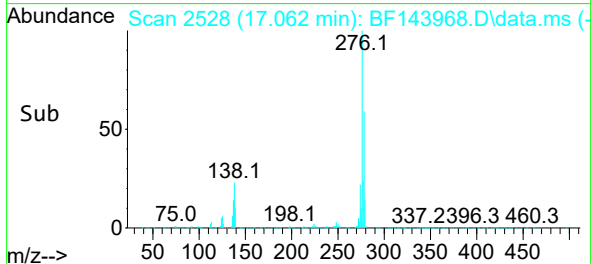
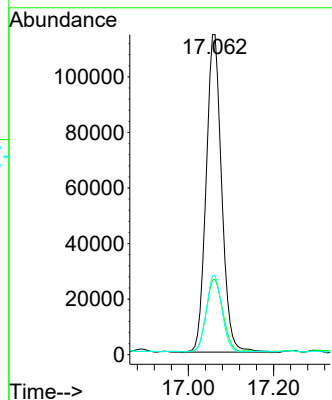
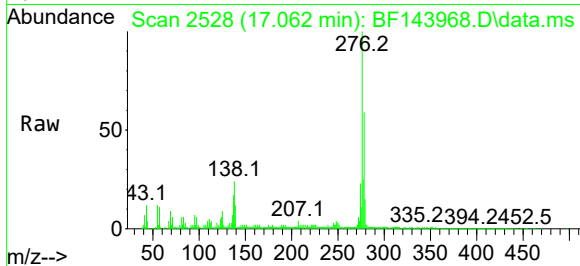




#87
Indeno(1,2,3-cd)pyrene
Concen: 15.496 ng
RT: 17.062 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

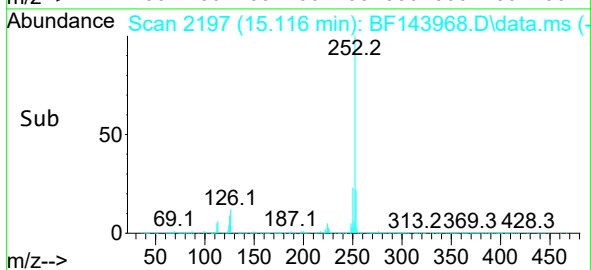
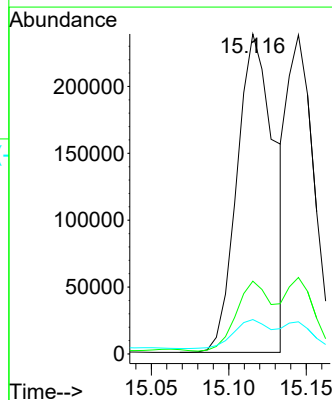
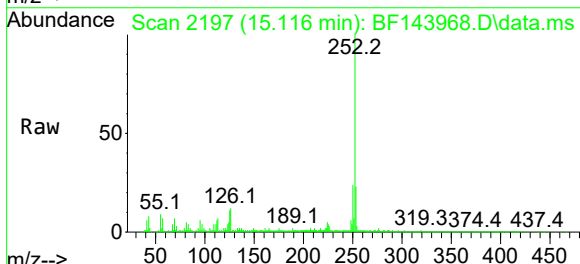
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

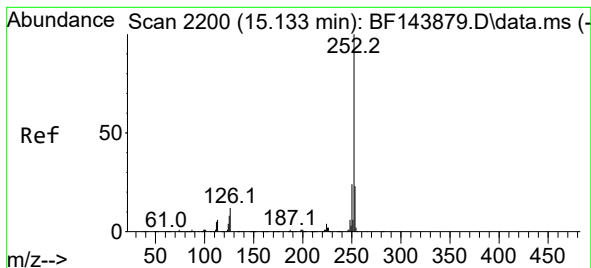
Tgt Ion:276 Resp: 288985
Ion Ratio Lower Upper
276 100
138 24.4 18.2 27.2
277 24.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 22.758 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:252 Resp: 397865
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 17.482 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

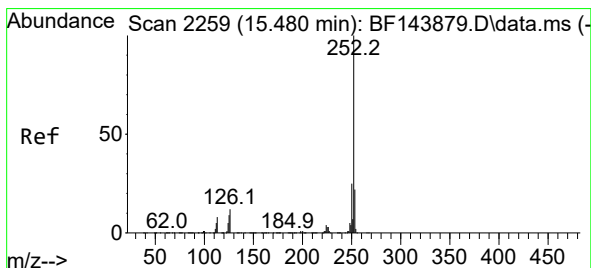
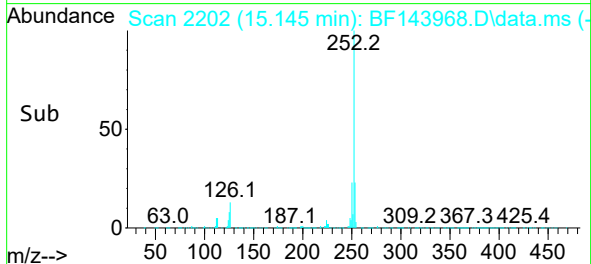
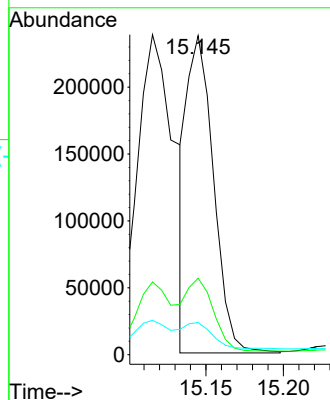
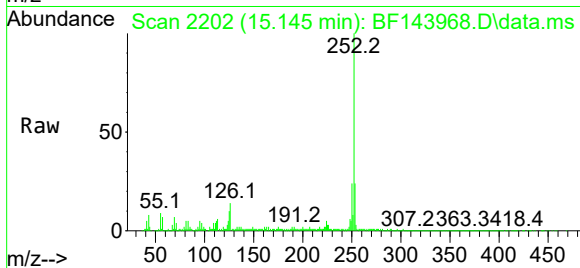
Tgt Ion:252 Resp: 282807

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

125 10.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 20.460 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

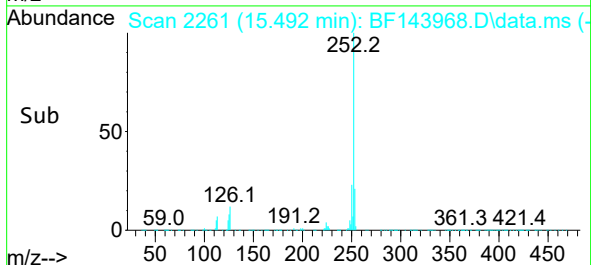
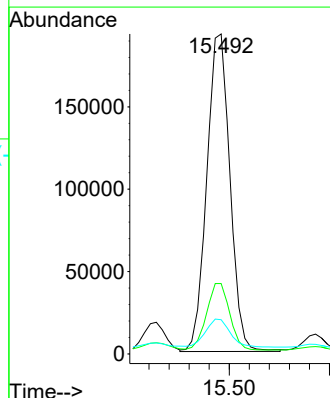
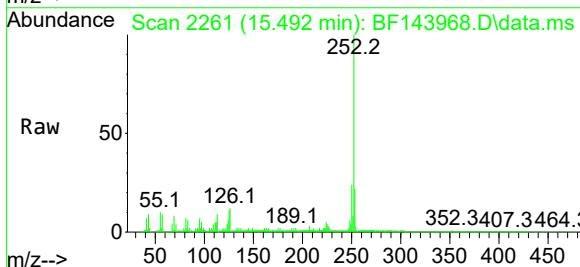
Tgt Ion:252 Resp: 310159

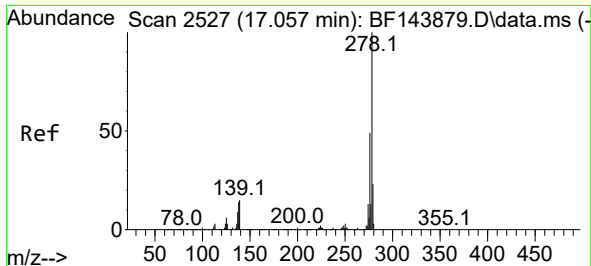
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.7 7.0 10.4#

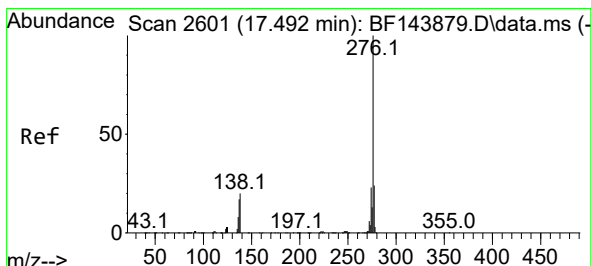
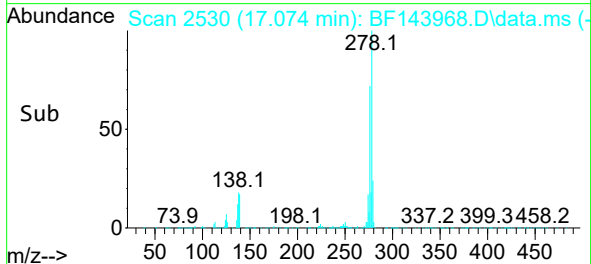
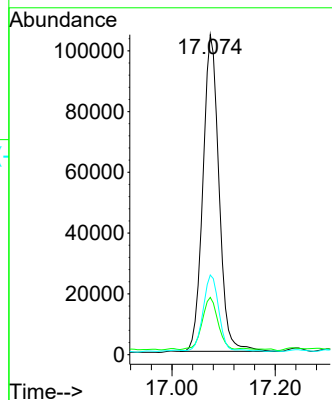
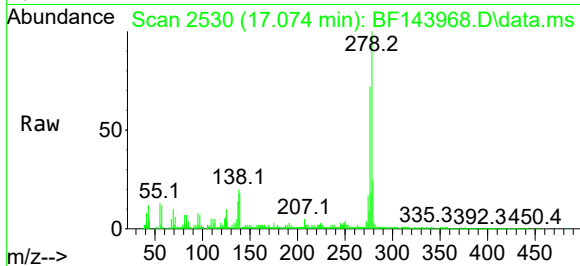




#91
Dibenzo(a,h)anthracene
Concen: 14.995 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

Tgt Ion:278 Resp: 224893
Ion Ratio Lower Upper
278 100
139 17.9 11.7 17.5#
279 24.9 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 15.677 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Tgt Ion:276 Resp: 235126
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 23.3 16.1 24.1

