

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	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	654257	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	308543	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	474955	20.00	ng	0.00
76) Chrysene-d12	14.069	240	360258	20.00	ng	0.00
86) Perylene-d12	15.557	264	304346	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	401575	35.12	ng	0.00
7) Phenol-d6	6.504	99	481637	35.34	ng	-0.01
23) Nitrobenzene-d5	7.440	82	275591	25.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	88512	28.80	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	506900	26.07	ng	-0.01
79) Terphenyl-d14	13.004	244	422059	20.02	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.658	88	79582	15.04	ng 96
3) Pyridine	3.428	79	221668	14.39	ng 99
4) n-Nitrosodimethylamine	3.363	42	127664	15.76	ng 91
6) Aniline	6.551	93	210345	10.30	ng 98
8) 2-Chlorophenol	6.669	128	193349	17.30	ng 97
9) Benzaldehyde	6.434	77	110205	10.48	ng 99
10) Phenol	6.522	94	284259	17.45	ng 96
11) bis(2-Chloroethyl)ether	6.616	93	225287	17.90	ng 99
12) 1,3-Dichlorobenzene	6.822	146	225728	16.87	ng 98
13) 1,4-Dichlorobenzene	6.898	146	224406	17.00	ng 100
14) 1,2-Dichlorobenzene	7.051	146	218032	17.25	ng 99
15) Benzyl Alcohol	7.022	79	192277	18.83	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	492202	17.18	ng 99
17) 2-Methylphenol	7.134	107	159068	17.22	ng 98
18) Hexachloroethane	7.392	117	67901	15.43	ng 98
19) n-Nitroso-di-n-propyla...	7.287	70	152526	16.35	ng 98
20) 3+4-Methylphenols	7.281	107	187708	17.53	ng # 83
22) Acetophenone	7.287	105	277413	20.05	ng 96
24) Nitrobenzene	7.463	77	217083	18.15	ng 100
25) Isophorone	7.698	82	394859	17.39	ng 99
26) 2-Nitrophenol	7.781	139	97980	19.11	ng 97
27) 2,4-Dimethylphenol	7.816	122	178057	19.31	ng 98
28) bis(2-Chloroethoxy)met...	7.910	93	259035	18.06	ng 99
29) 2,4-Dichlorophenol	8.022	162	165125	17.19	ng 98
30) 1,2,4-Trichlorobenzene	8.104	180	170091	18.00	ng 99
31) Naphthalene	8.187	128	518711	17.43	ng 99
32) Benzoic acid	7.904	122	90806	14.23	ng 99
33) 4-Chloroaniline	8.239	127	115112	10.31	ng 97
34) Hexachlorobutadiene	8.304	225	112608	17.15	ng 98
35) Caprolactam	8.587	113	48743	15.96	ng 99
36) 4-Chloro-3-methylphenol	8.710	107	147390	15.97	ng 98
37) 2-Methylnaphthalene	8.881	142	306555	15.46	ng 97
38) 1-Methylnaphthalene	8.981	142	309682	16.10	ng 95
40) 1,2,4,5-Tetrachloroben...	9.045	216	182708	21.43	ng 98
41) Hexachlorocyclopentadiene	9.034	237	19512	5.52	ng 95
43) 2,4,6-Trichlorophenol	9.157	196	112496	18.05	ng 98

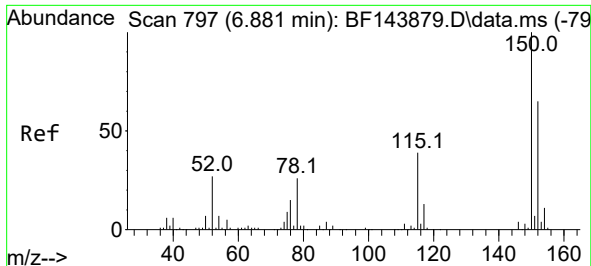
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
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 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	114908	17.45	ng	99
46) 1,1'-Biphenyl	9.339	154	433726	21.23	ng	97
47) 2-Chloronaphthalene	9.369	162	316701	18.59	ng	97
48) 2-Nitroaniline	9.463	65	105421	19.58	ng	98
49) Acenaphthylene	9.786	152	487755	20.37	ng	99
50) Dimethylphthalate	9.639	163	382879	19.54	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75391	20.75	ng	92
52) Acenaphthene	9.957	154	268096	17.09	ng	98
53) 3-Nitroaniline	9.875	138	68024	15.29	ng	100
54) 2,4-Dinitrophenol	9.981	184	21365	15.65	ng	98
55) Dibenzofuran	10.128	168	390031	17.61	ng	99
56) 4-Nitrophenol	10.028	139	99048	29.40	ng	95
57) 2,4-Dinitrotoluene	10.104	165	91663	18.54	ng	98
58) Fluorene	10.475	166	303410	18.15	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77179	16.56	ng	97
60) Diethylphthalate	10.339	149	336997	18.51	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	155014	17.54	ng	98
62) 4-Nitroaniline	10.481	138	61485	14.37	ng	95
63) Azobenzene	10.622	77	355308	18.68	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	19082	7.99	ng	91
66) n-Nitrosodiphenylamine	10.581	169	286085	19.18	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	91325	17.40	ng	96
68) Hexachlorobenzene	11.022	284	101764	16.75	ng	100
69) Atrazine	11.110	200	87070	19.26	ng	100
70) Pentachlorophenol	11.216	266	111274	31.88	ng	99
71) Phenanthrene	11.439	178	481429	20.91	ng	99
72) Anthracene	11.492	178	437171	18.79	ng	99
73) Carbazole	11.645	167	371754	18.04	ng	100
74) Di-n-butylphthalate	11.975	149	466814	19.55	ng	99
75) Fluoranthene	12.633	202	564924	23.75	ng	98
77) Benzidine	12.757	184	94891	7.59	ng	98
78) Pyrene	12.863	202	572588	19.06	ng	99
80) Butylbenzylphthalate	13.480	149	195032	19.99	ng	100
81) Benzo(a)anthracene	14.057	228	477754	20.26	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	117786	16.39	ng	# 98
83) Chrysene	14.092	228	423687	19.42	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	396699	33.74	ng	99
85) Di-n-octyl phthalate	14.657	149	436436	22.60	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	288985	15.50	ng	98
88) Benzo(b)fluoranthene	15.116	252	397865	22.76	ng	98
89) Benzo(k)fluoranthene	15.145	252	282807	17.48	ng	97
90) Benzo(a)pyrene	15.492	252	310159	20.46	ng	# 98
91) Dibenzo(a,h)anthracene	17.074	278	224893	14.99	ng	# 94
92) Benzo(g,h,i)perylene	17.515	276	235126	15.68	ng	97

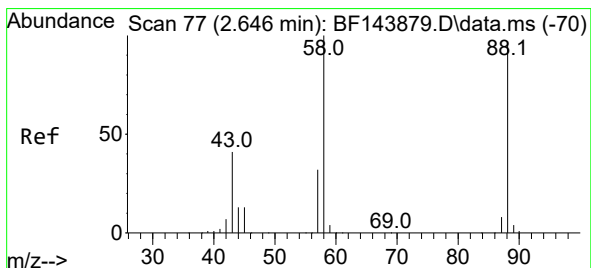
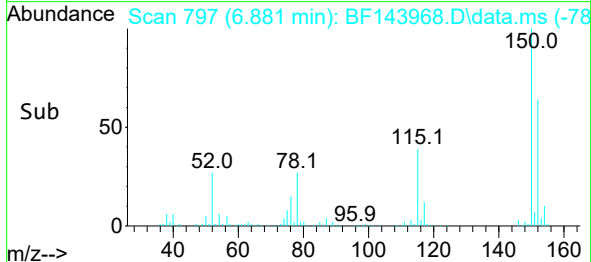
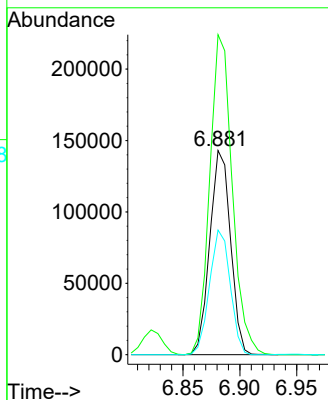
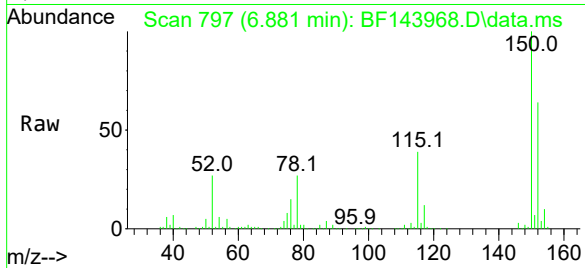
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

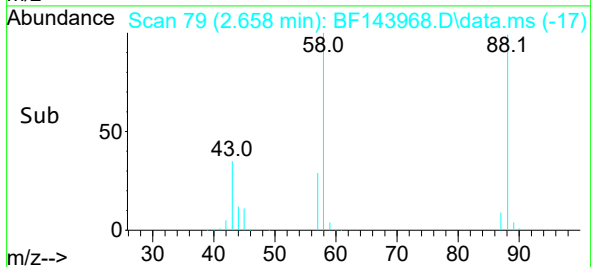
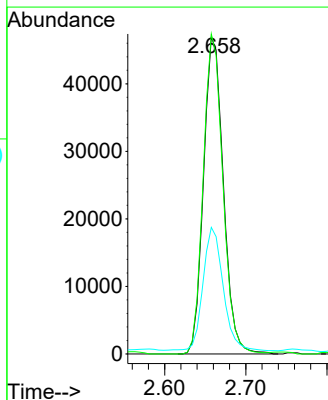
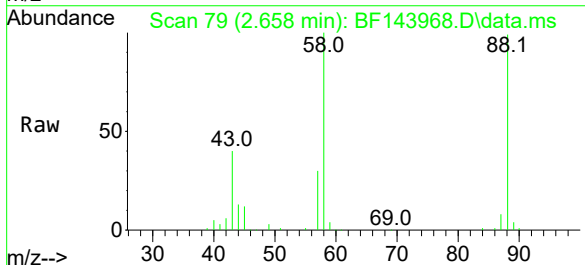
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

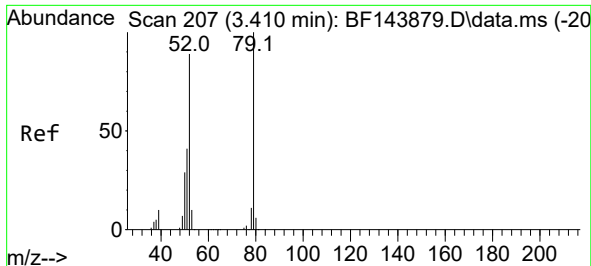
Tgt Ion:152 Resp: 181566
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.4 186.6
 115 61.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: 15.04 ng
 RT: 2.658 min Scan# 79
 Delta R.T. 0.012 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

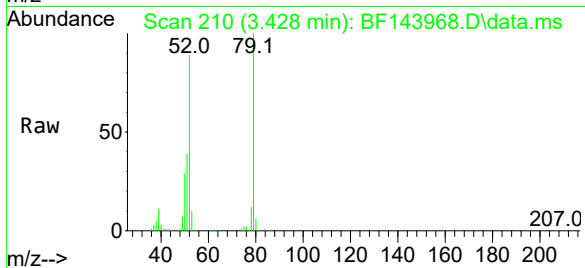
Tgt Ion: 88 Resp: 79582
 Ion Ratio Lower Upper
 88 100
 58 100.0 83.0 124.6
 43 39.5 33.9 50.9



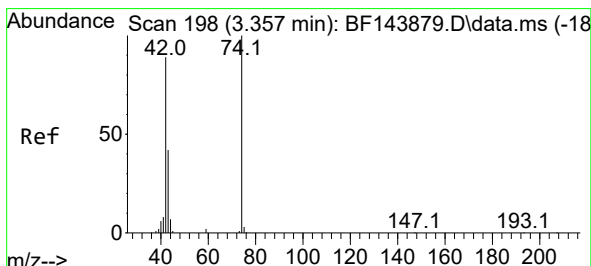
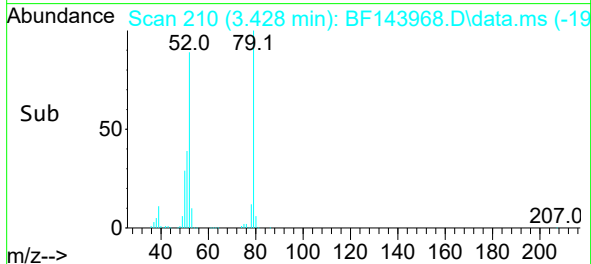
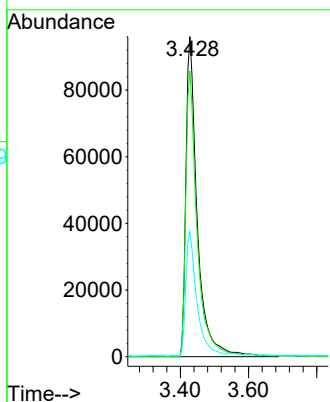


#3
Pyridine
Concen: 14.39 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

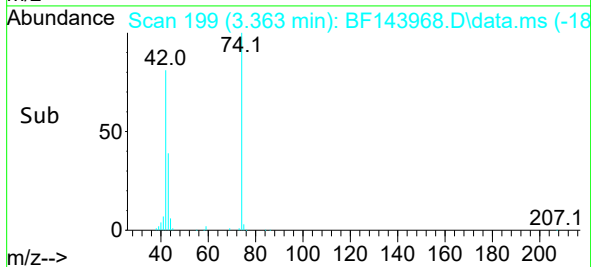
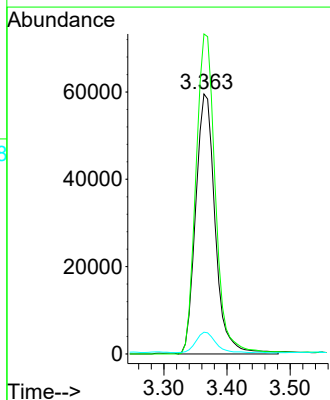
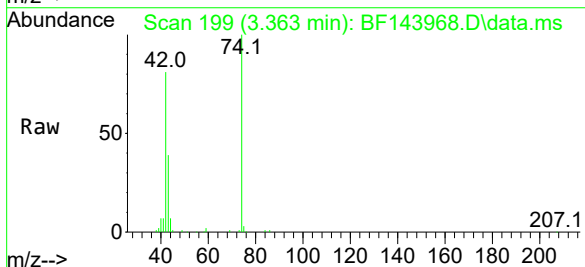


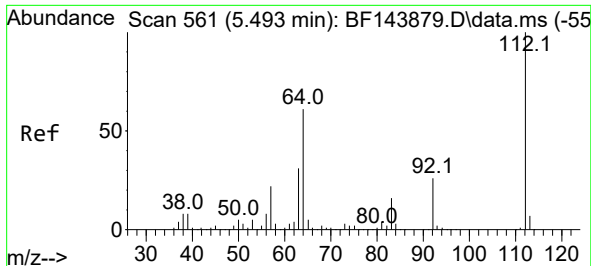
Tgt Ion: 79 Resp: 221668
Ion Ratio Lower Upper
79 100
52 89.2 71.5 107.3
51 39.0 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 15.76 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

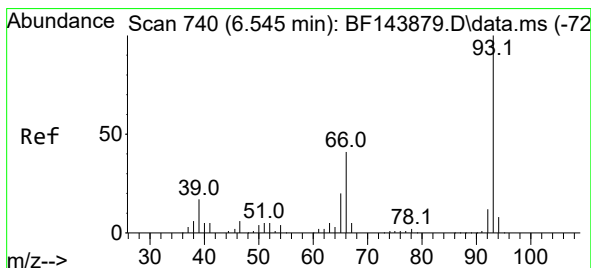
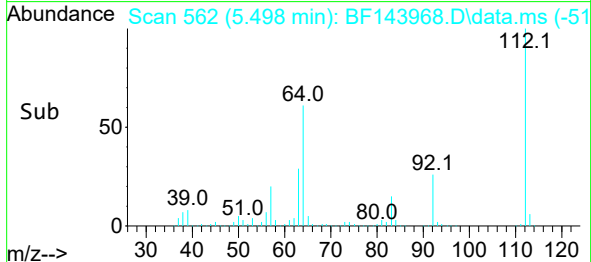
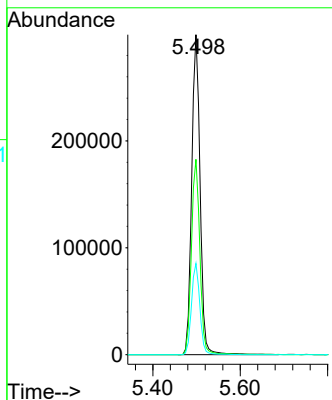
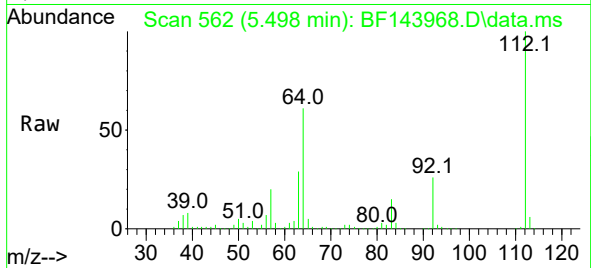




#5
2-Fluorophenol
Concen: 35.12 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

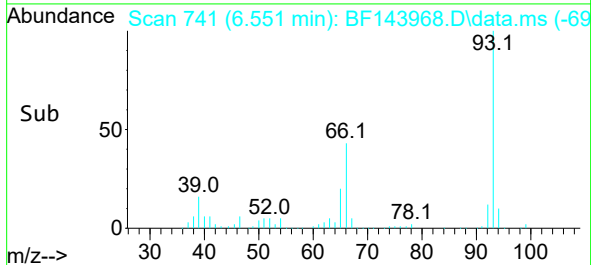
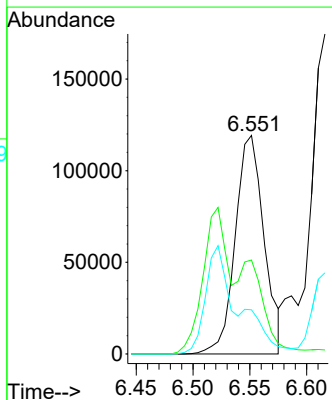
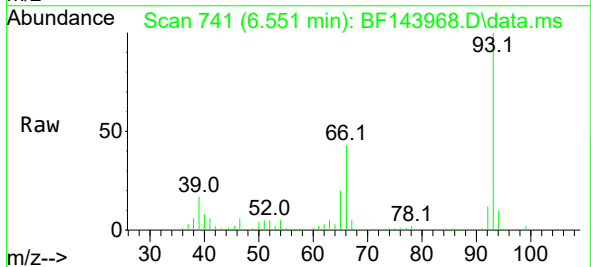
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ClientSampleId :
LAYDOWN-YARD-1MS

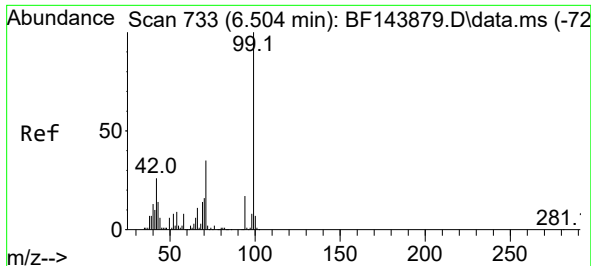
Tgt Ion:112 Resp: 401575
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 28.5 24.5 36.7



#6
Aniline
Concen: 10.30 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

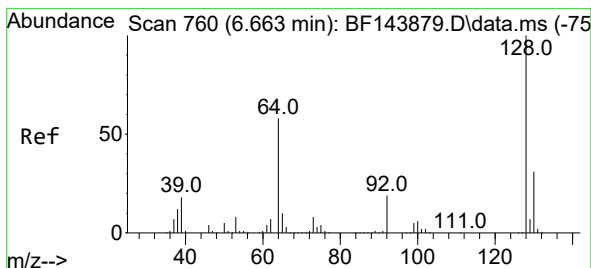
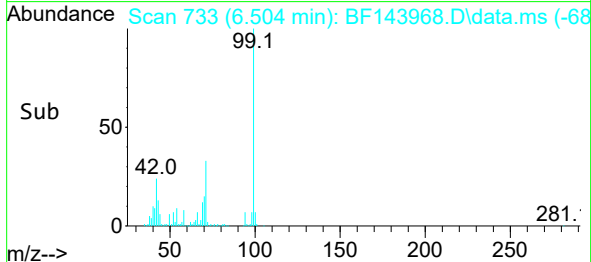
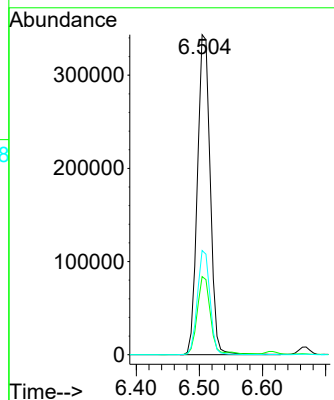
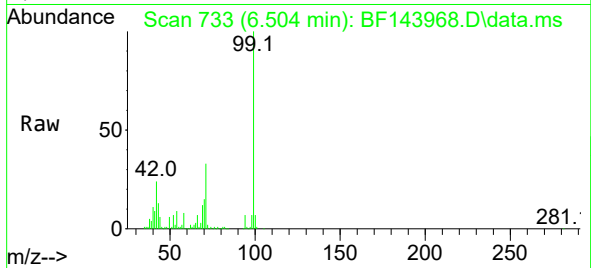




#7
Phenol-d6
Concen: 35.34 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

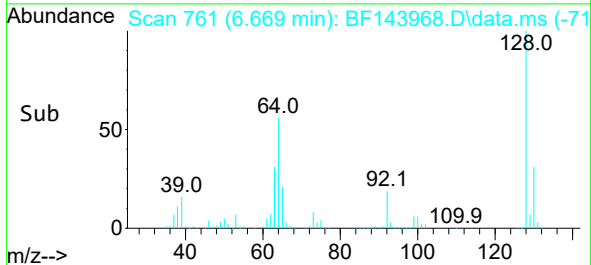
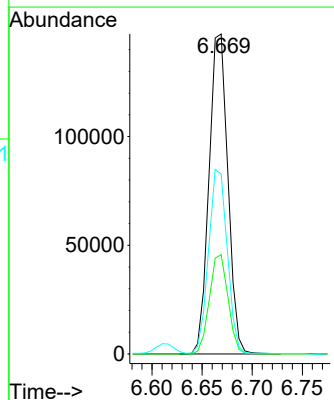
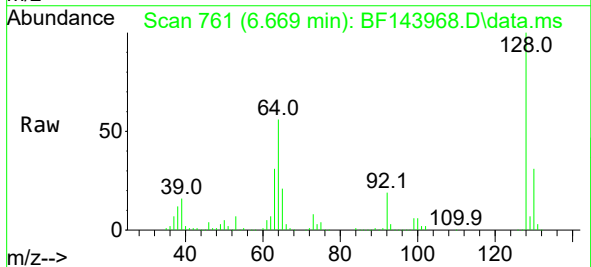
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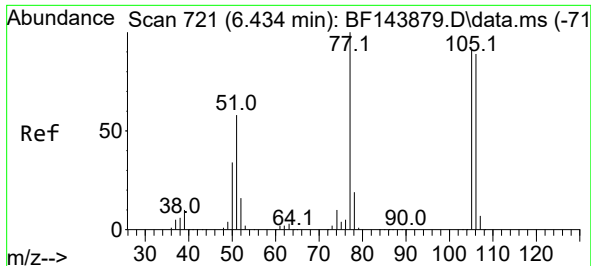
Tgt Ion: 99 Resp: 481637
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.5 27.8 41.8



#8
2-Chlorophenol
Concen: 17.30 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

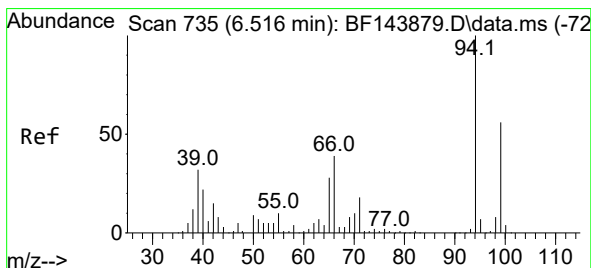
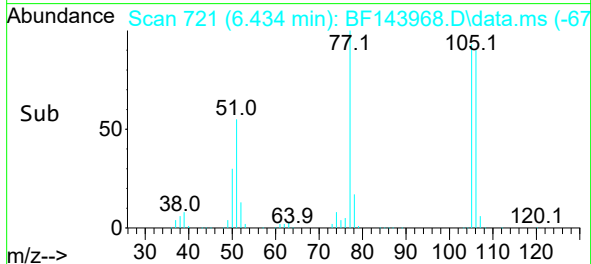
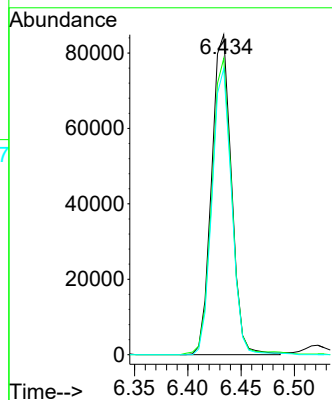
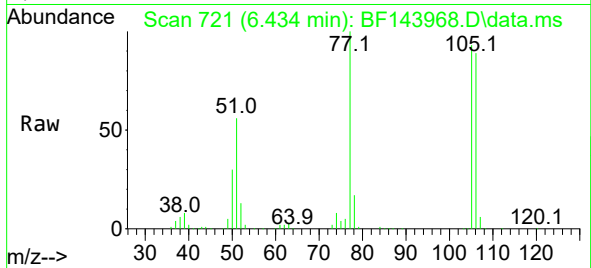




#9
Benzaldehyde
Concen: 10.48 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

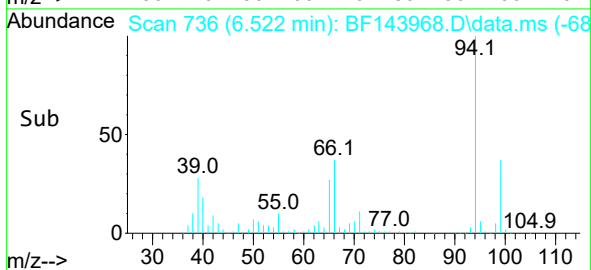
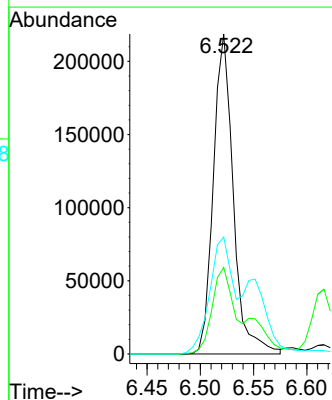
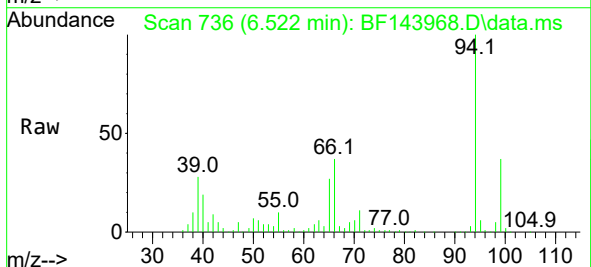
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ClientSampleId :
LAYDOWN-YARD-1MS

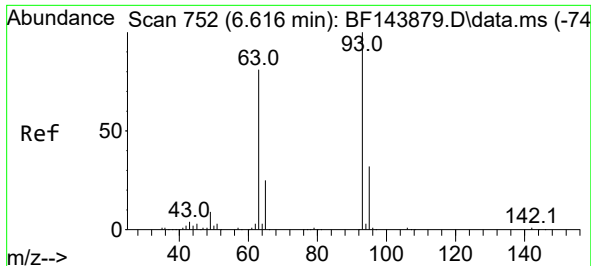
Tgt Ion: 77 Resp: 110205
Ion Ratio Lower Upper
77 100
105 92.6 70.9 110.9
106 89.3 68.9 108.9



#10
Phenol
Concen: 17.45 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: 17.90 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

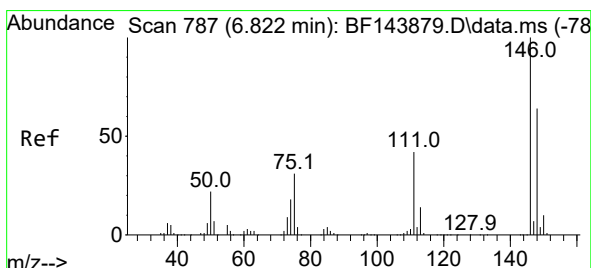
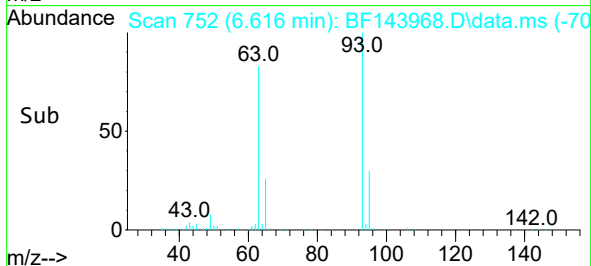
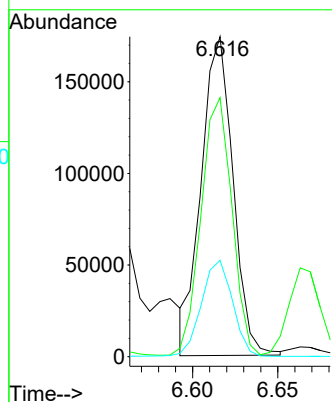
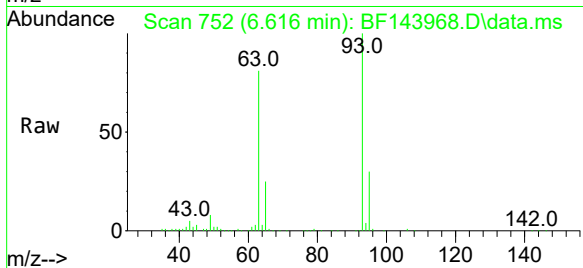
Tgt Ion: 93 Resp: 225287

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: 16.87 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

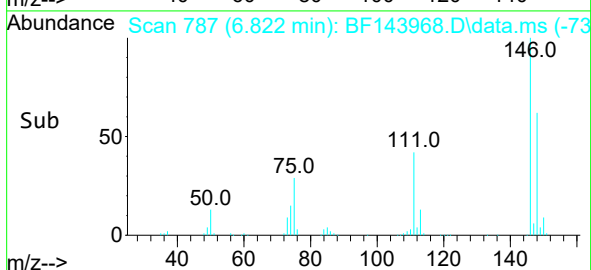
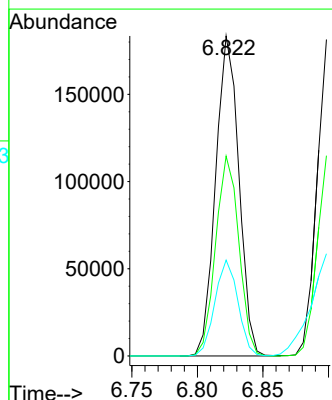
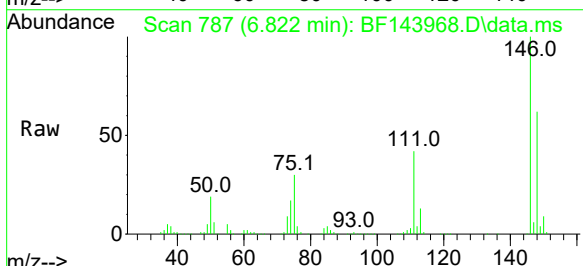
Tgt Ion:146 Resp: 225728

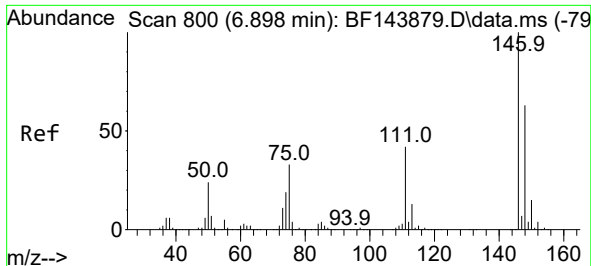
Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.4

75 29.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 17.00 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

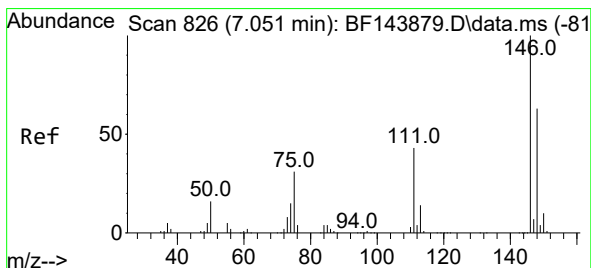
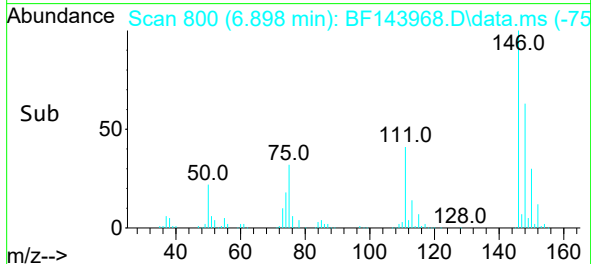
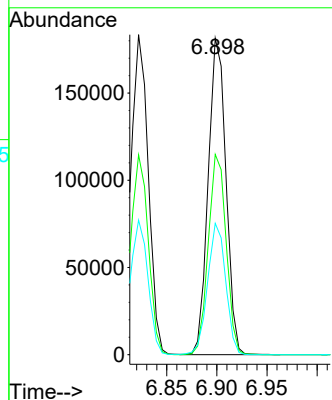
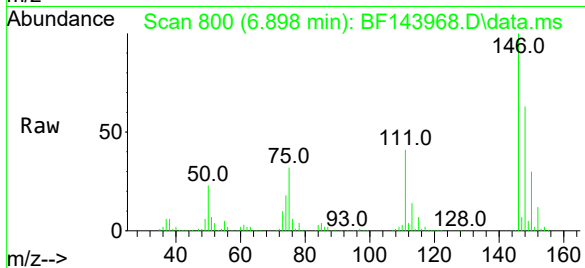
Tgt Ion:146 Resp: 224406

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: 17.25 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

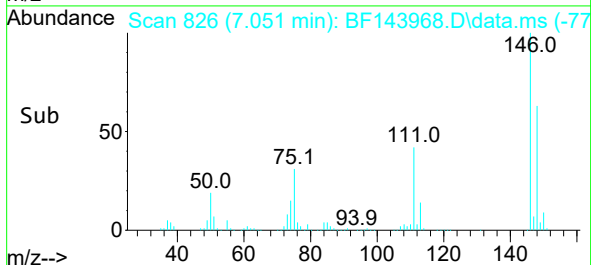
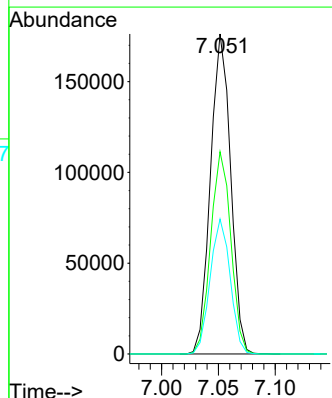
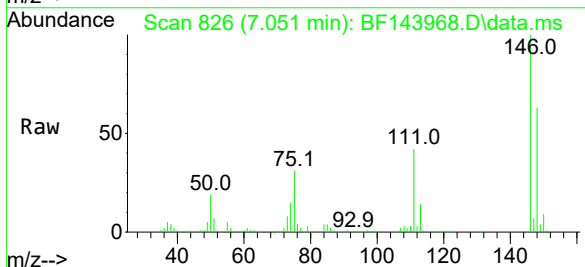
Tgt Ion:146 Resp: 218032

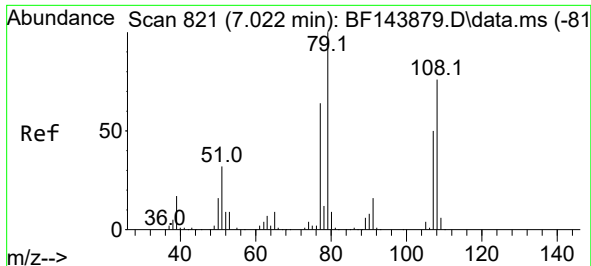
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

111 42.1 34.6 51.8

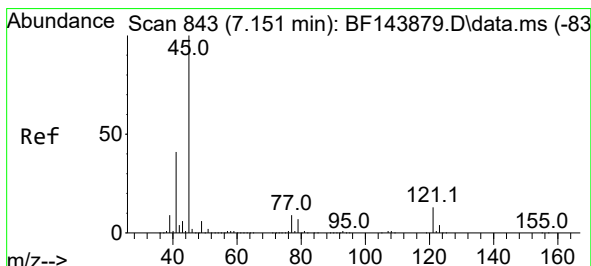
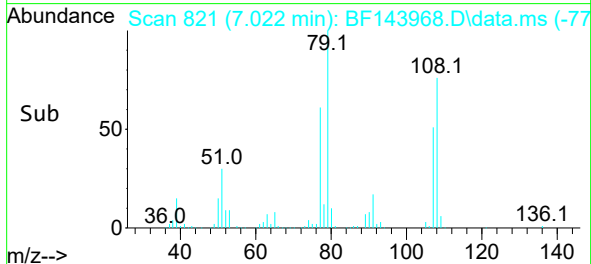
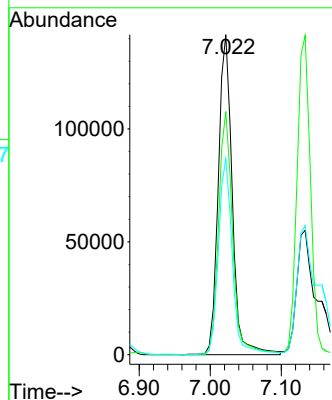
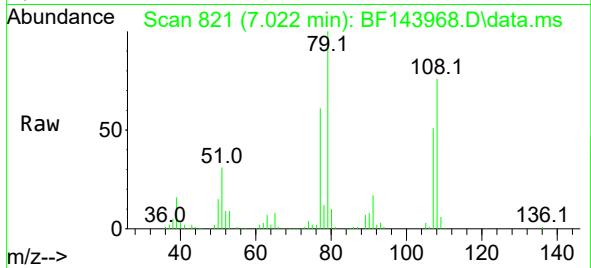




#15
Benzyl Alcohol
Concen: 18.83 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

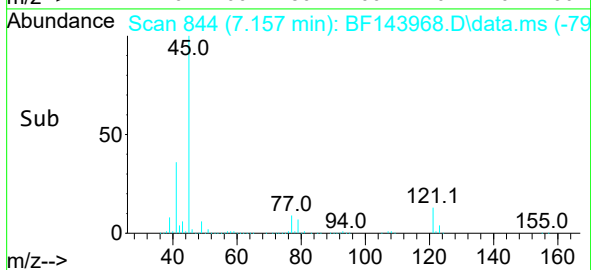
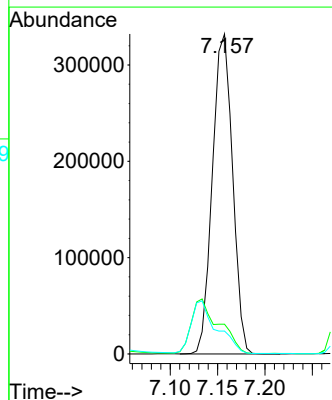
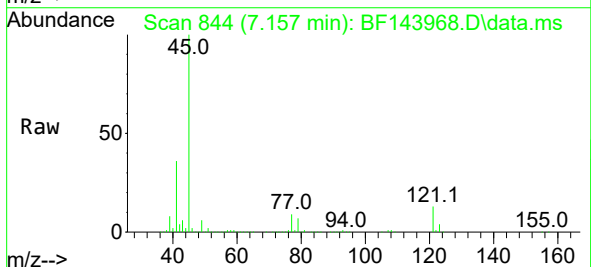
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

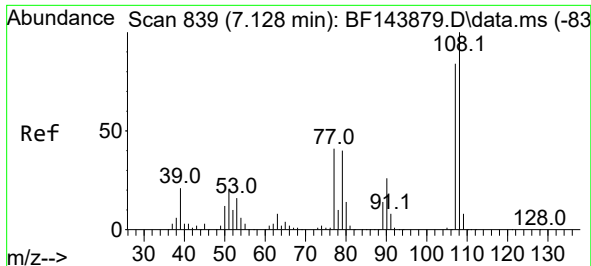
Tgt Ion: 79 Resp: 192277
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 61.2 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.18 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: 17.22 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

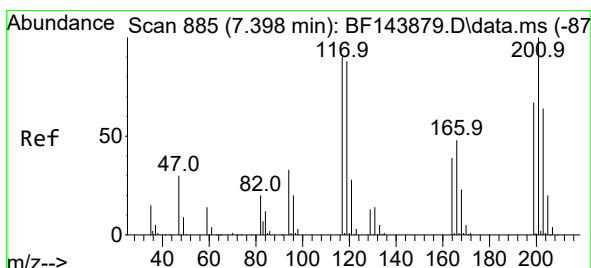
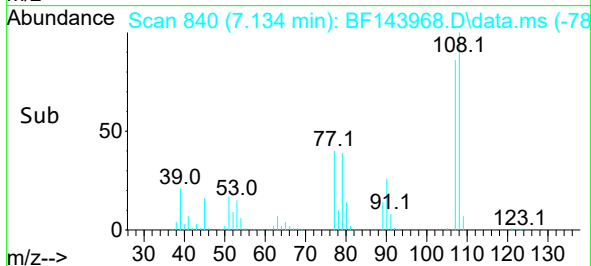
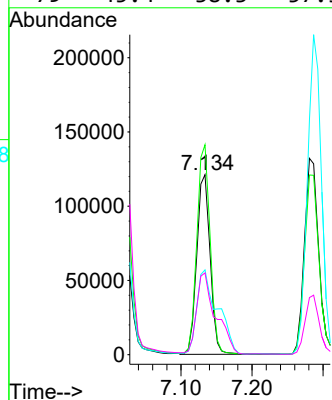
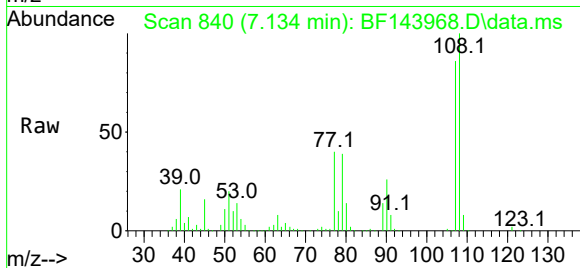
Ion Ratio Lower Upper

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: 15.43 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

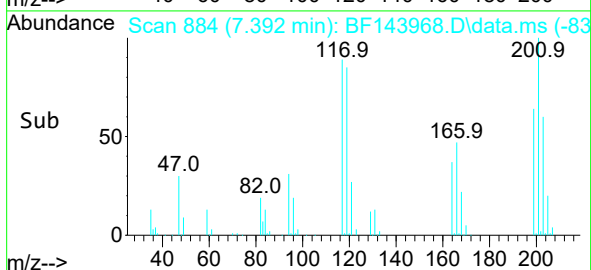
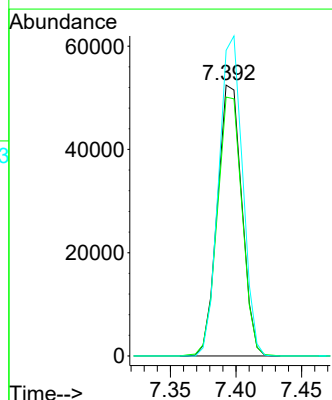
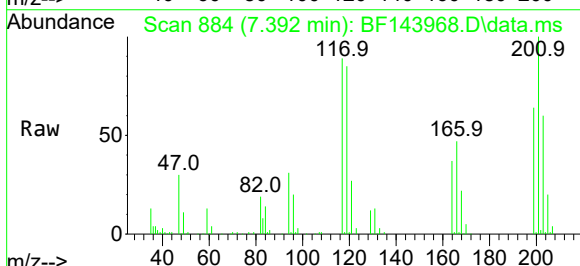
Tgt Ion:117 Resp: 67901

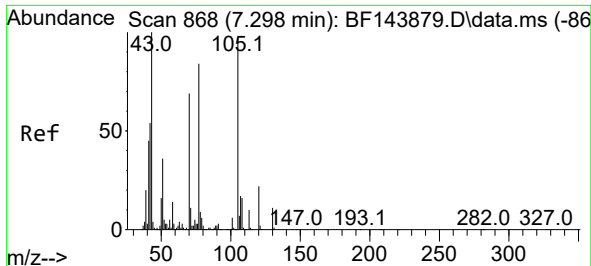
Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.8

201 112.8 88.5 132.7

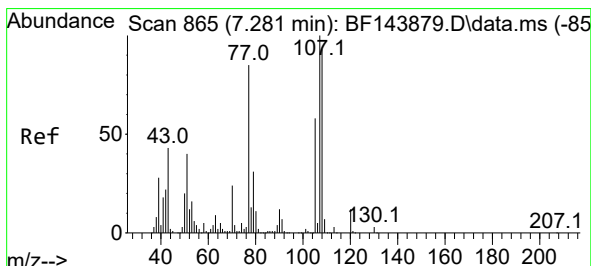
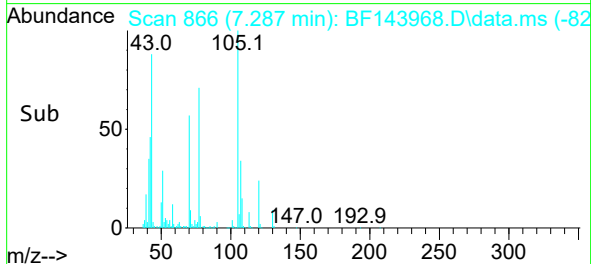
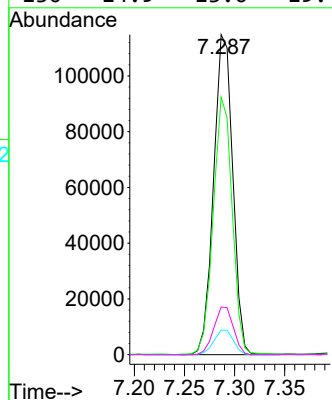
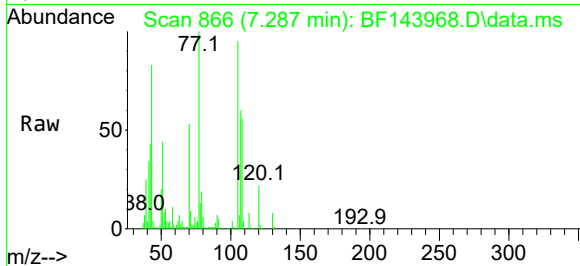




#19
n-Nitroso-di-n-propylamine
Concen: 16.35 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

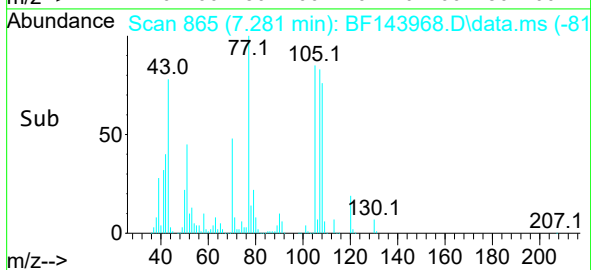
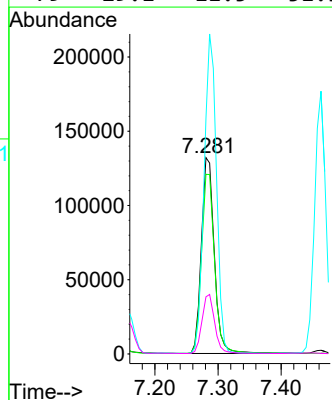
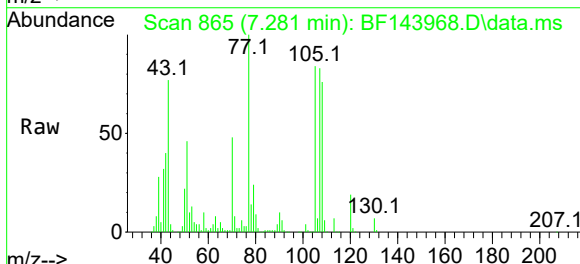
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

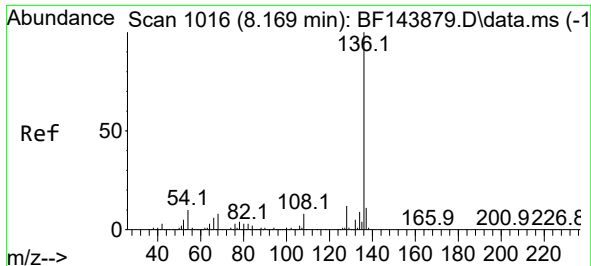
Tgt Ion: 70 Resp: 152526
Ion Ratio Lower Upper
70 100
42 80.5 62.8 94.2
101 7.7 6.7 10.1
130 14.9 13.0 19.4



#20
3+4-Methylphenols
Concen: 17.53 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

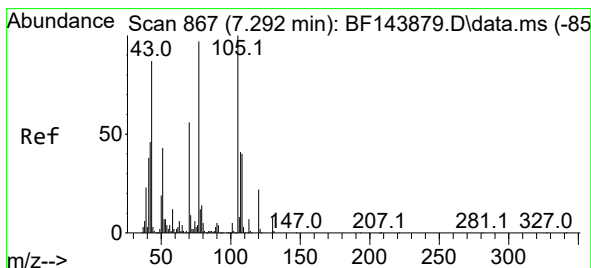
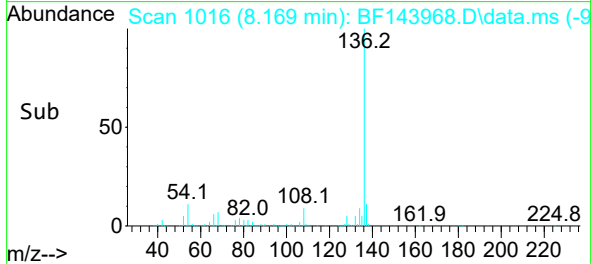
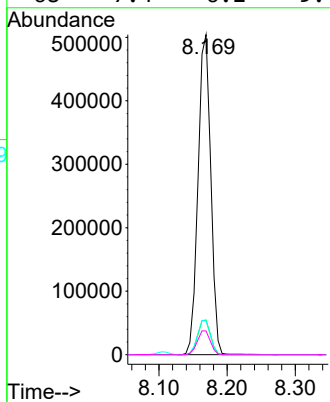
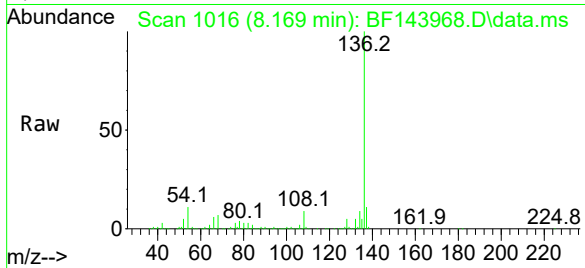




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

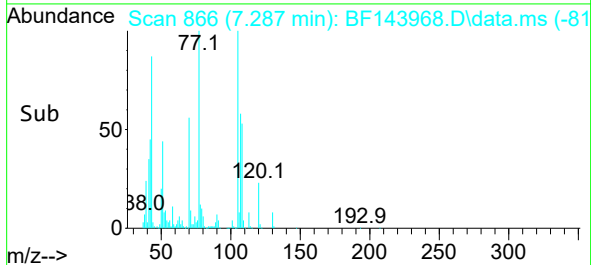
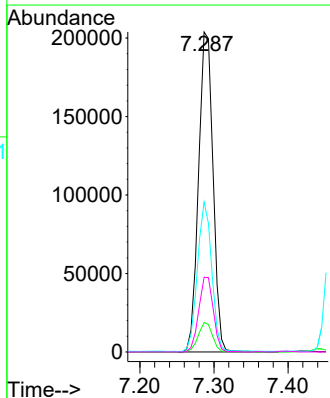
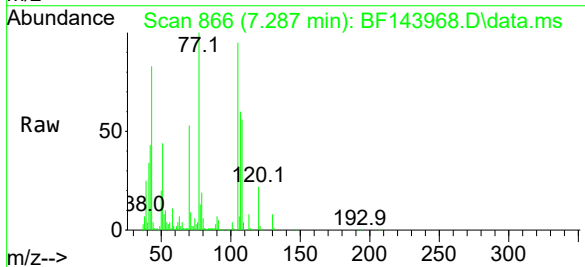
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

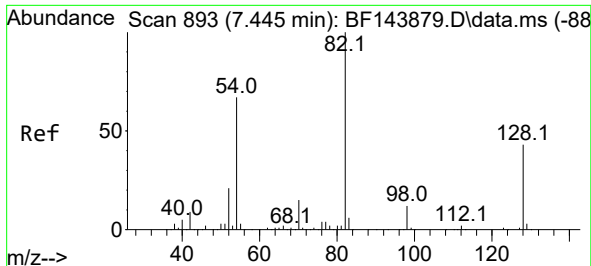
Tgt Ion:136 Resp: 654257
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.6 8.2 12.4
68 7.4 6.2 9.4



#22
Acetophenone
Concen: 20.05 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

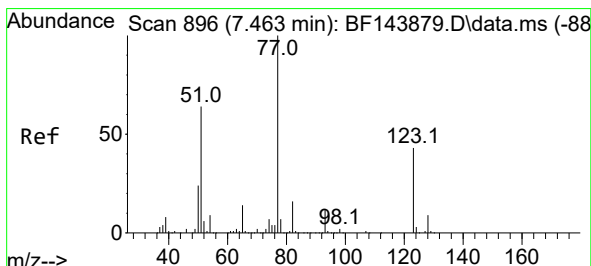
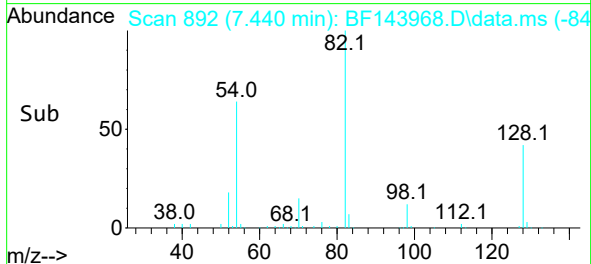
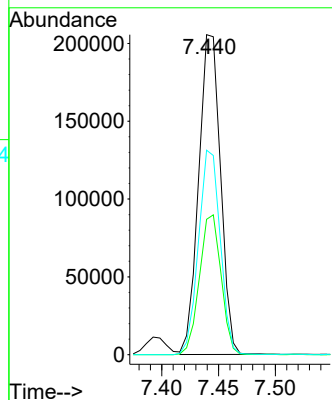
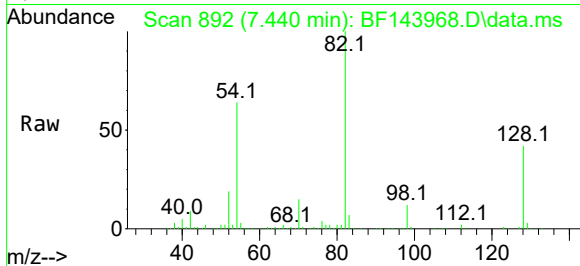




#23
Nitrobenzene-d5
Concen: 25.59 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

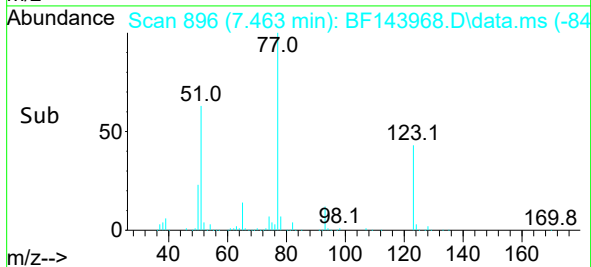
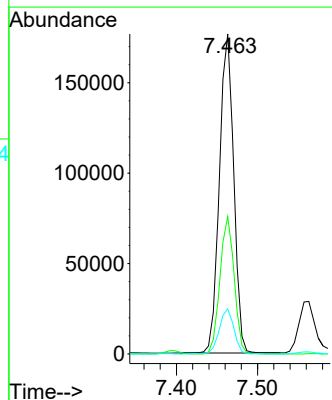
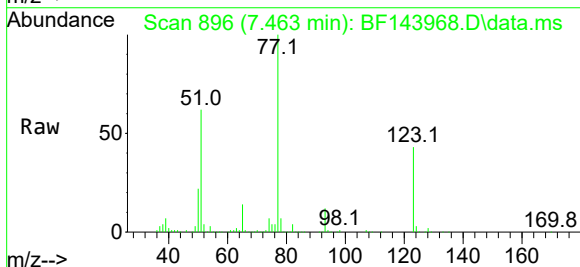
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

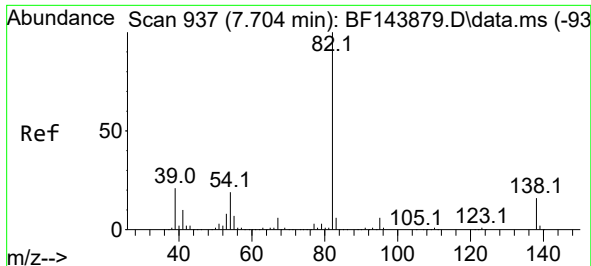
Tgt Ion: 82 Resp: 275591
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 63.9 53.2 79.8



#24
Nitrobenzene
Concen: 18.15 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

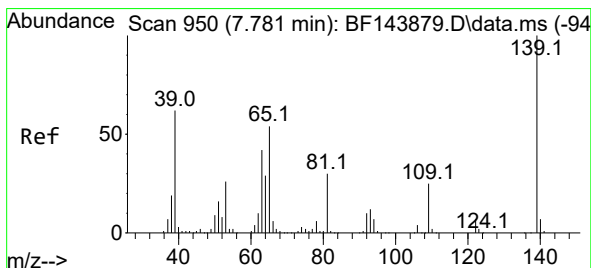
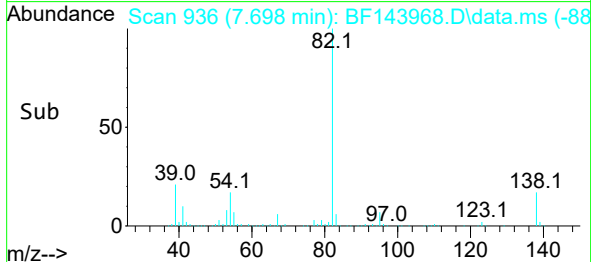
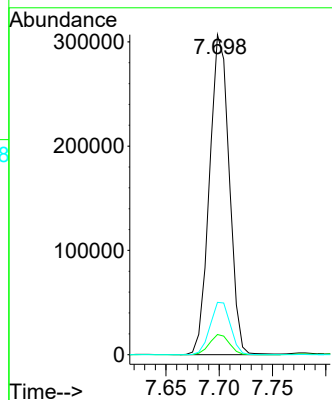
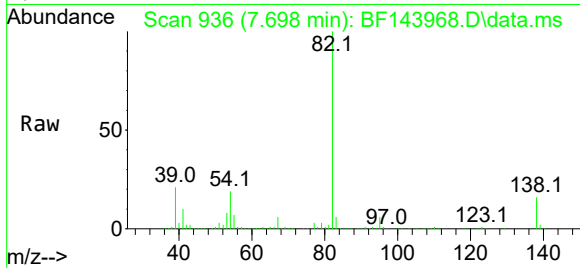




#25
Isophorone
Concen: 17.39 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

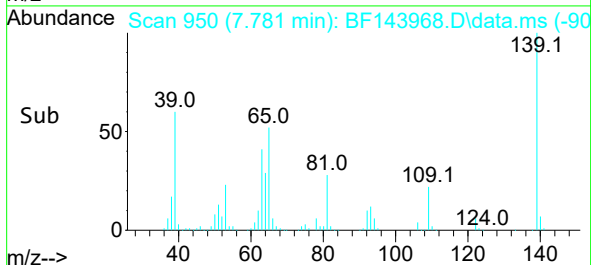
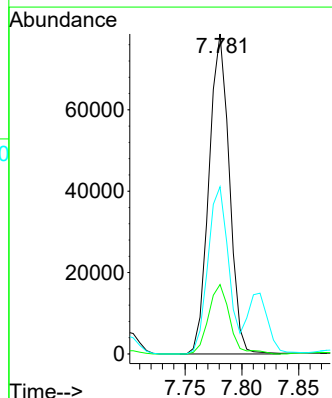
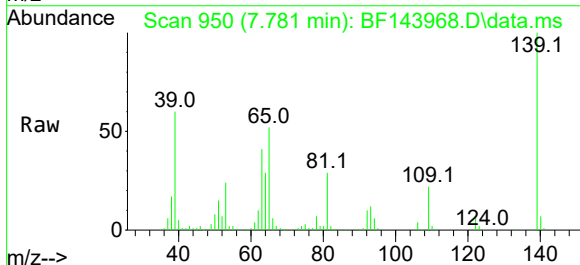
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

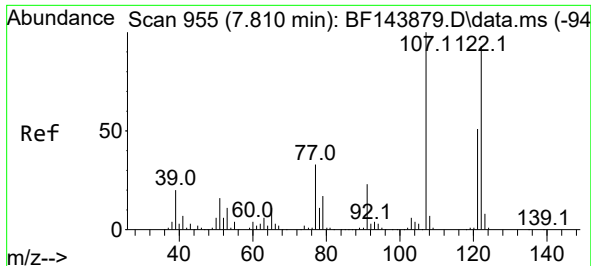
Tgt Ion: 82 Resp: 394859
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 19.11 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: 19.31 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

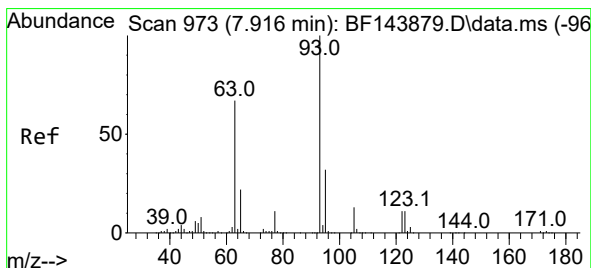
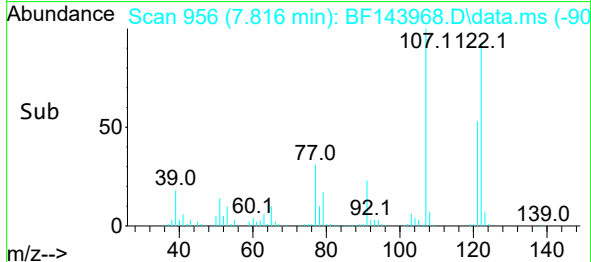
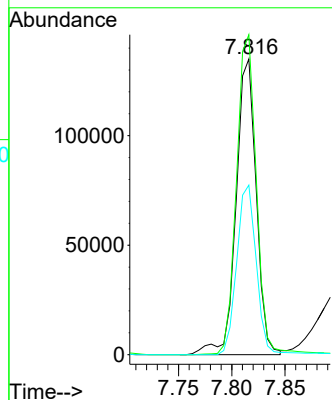
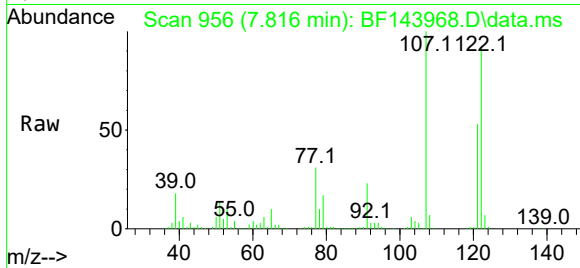
Tgt Ion:122 Resp: 178057

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: 18.06 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

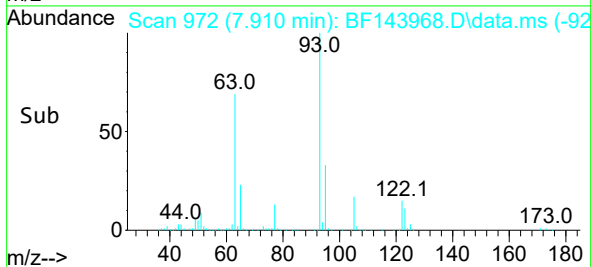
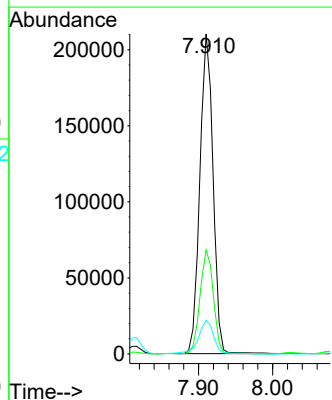
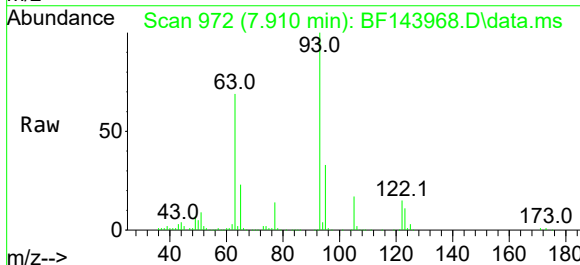
Tgt Ion: 93 Resp: 259035

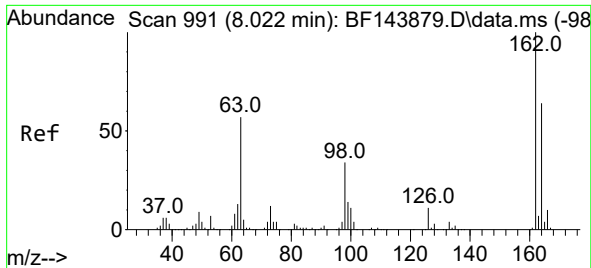
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 17.19 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143968.D

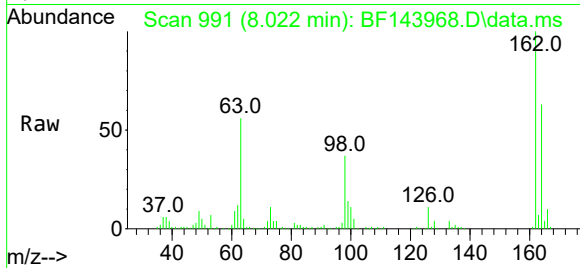
Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS



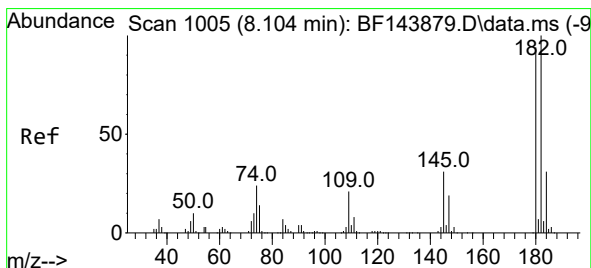
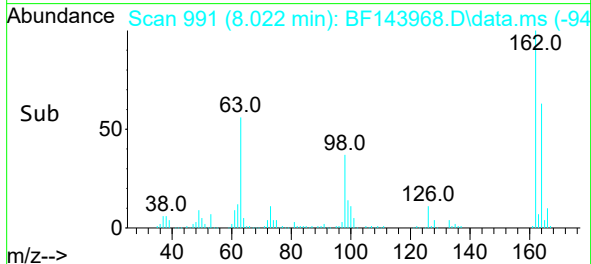
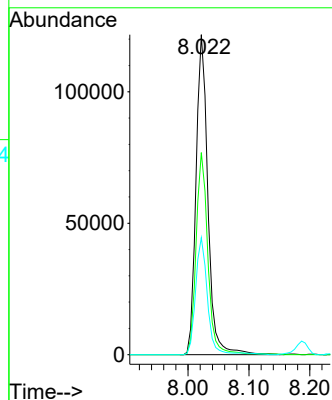
Tgt Ion:162 Resp: 165125

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: 18.00 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

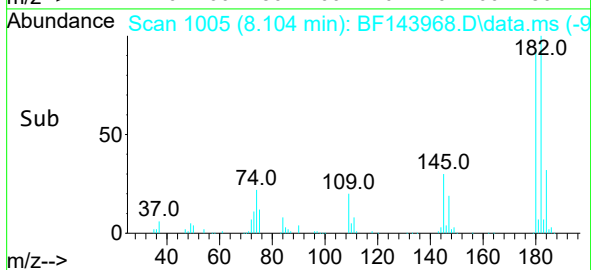
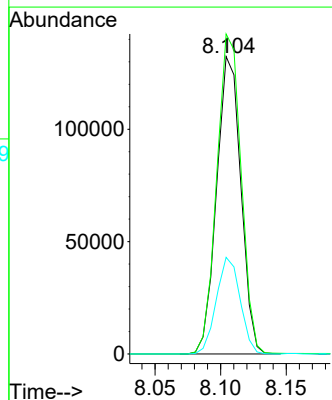
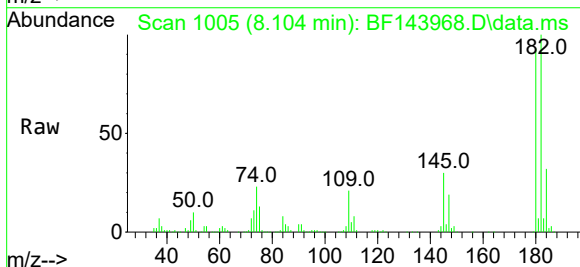
Tgt Ion:180 Resp: 170091

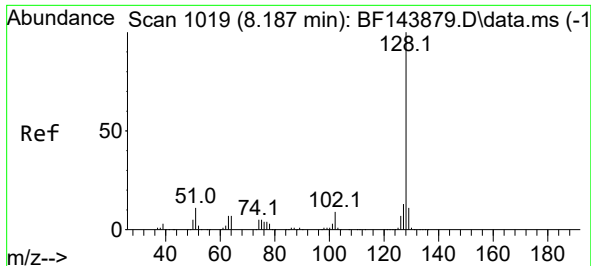
Ion Ratio Lower Upper

180 100

182 107.6 85.4 128.0

145 32.5 26.3 39.5

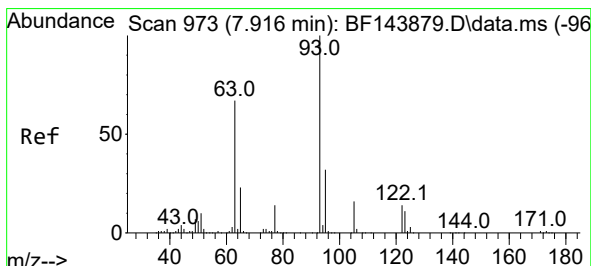
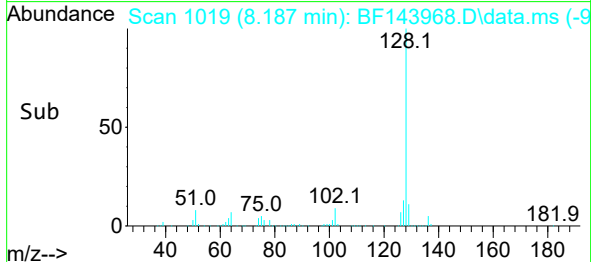
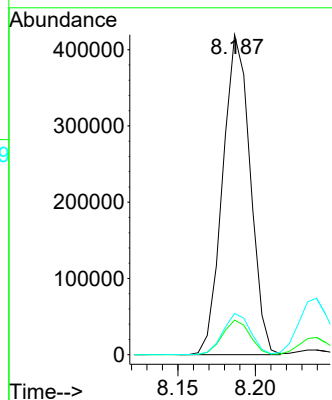
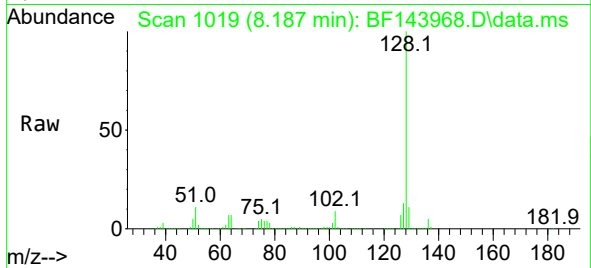




#31
Naphthalene
Concen: 17.43 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

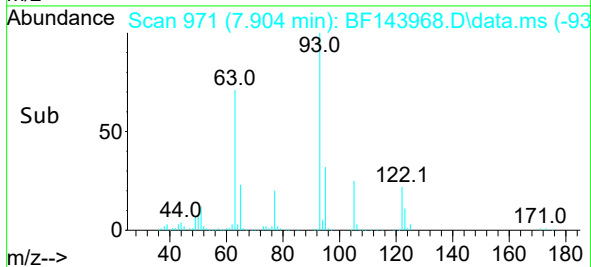
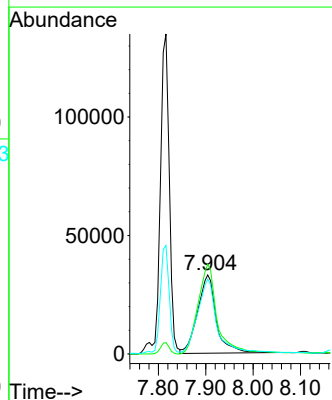
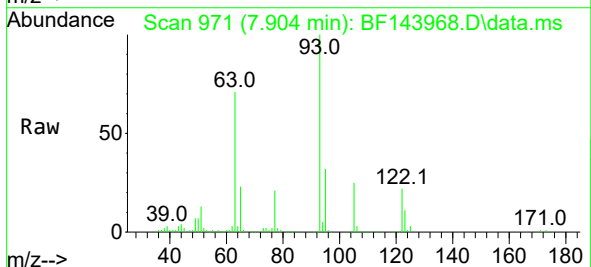
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

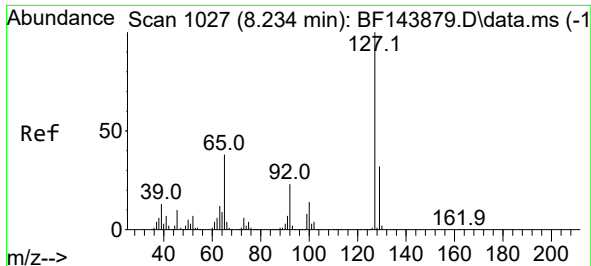
Tgt Ion:128 Resp: 518711
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.8 10.0 15.0



#32
Benzoic acid
Concen: 14.23 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

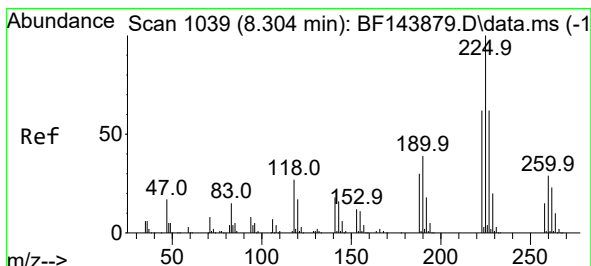
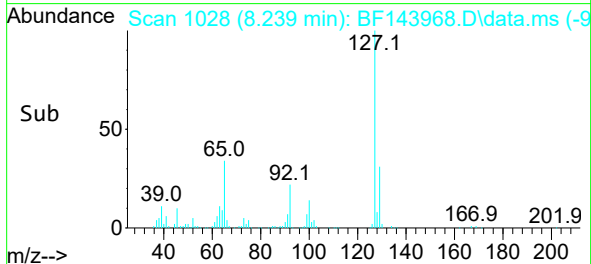
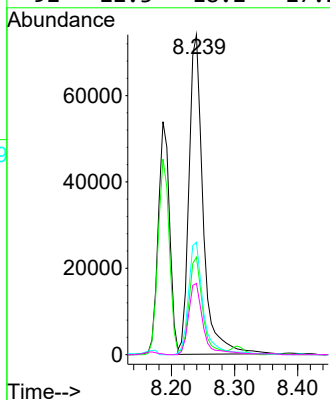
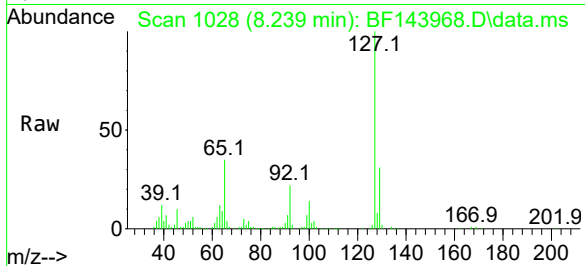




#33
4-Chloroaniline
Concen: 10.31 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

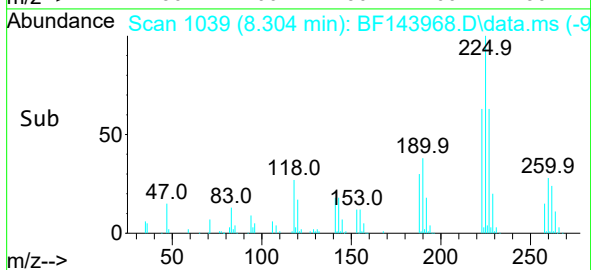
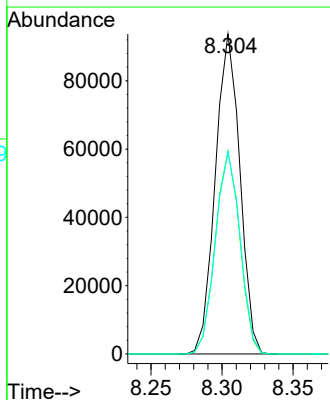
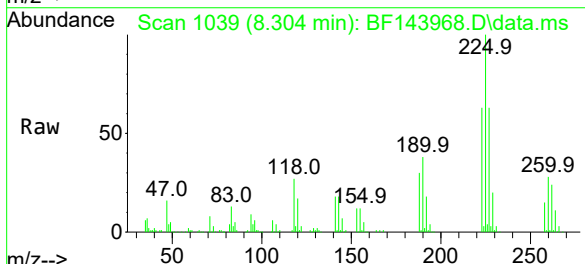
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

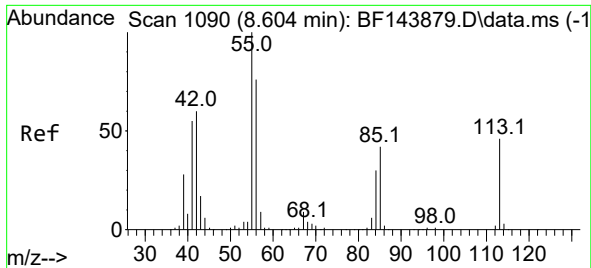
Tgt Ion:	127	Resp:	115112
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.8	38.8
65	35.2	30.0	45.0
92	22.3	18.2	27.2



#34
Hexachlorobutadiene
Concen: 17.15 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

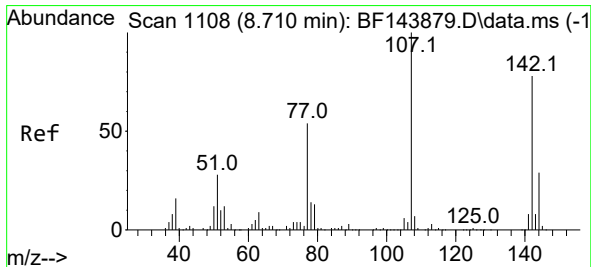
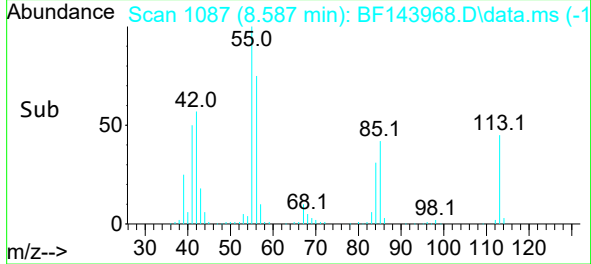
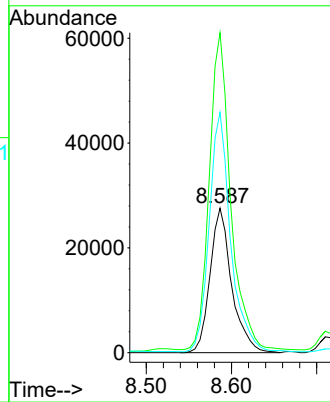
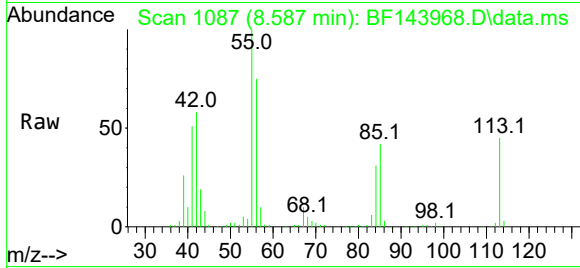




#35
Caprolactam
Concen: 15.96 ng
RT: 8.587 min Scan# 1090
Delta R.T. -0.059 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

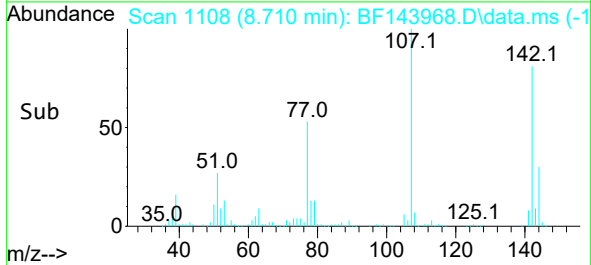
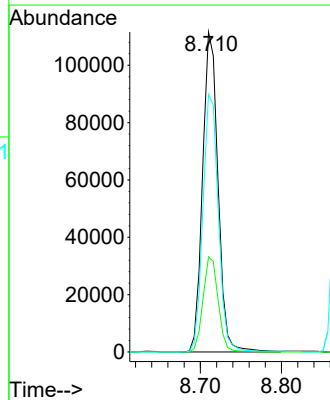
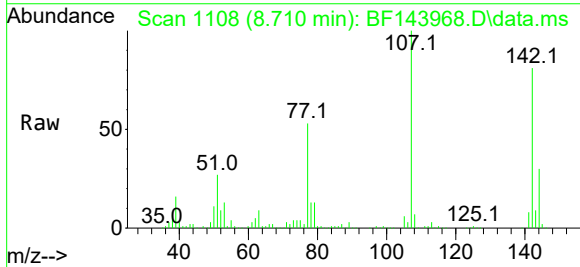
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

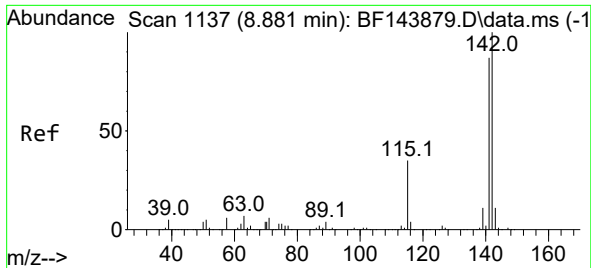
Tgt Ion:113 Resp: 48743
Ion Ratio Lower Upper
113 100
55 221.6 199.6 239.6
56 166.4 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 15.97 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

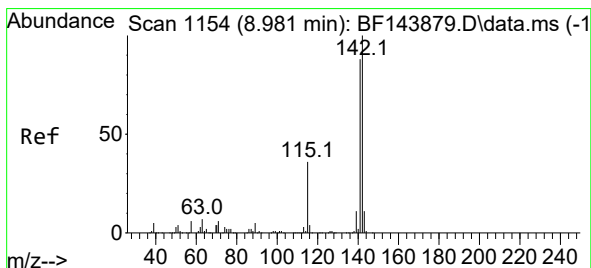
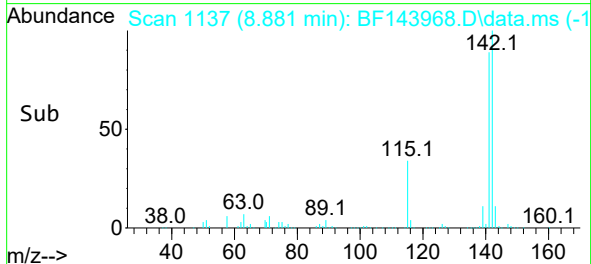
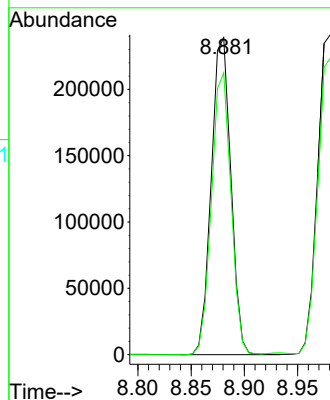
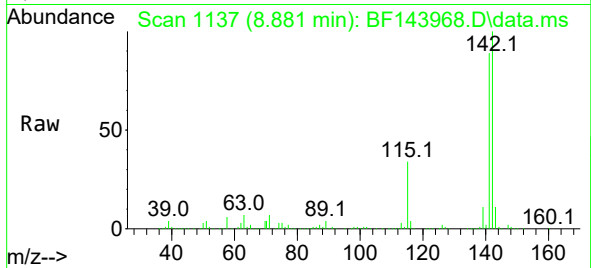




#37
2-Methylnaphthalene
Concen: 15.46 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

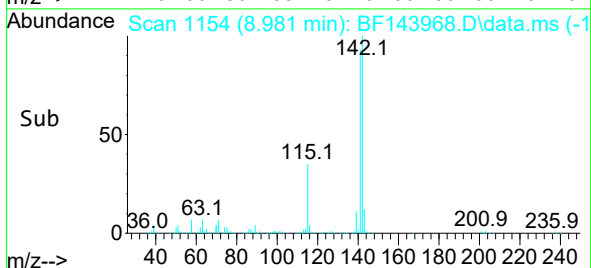
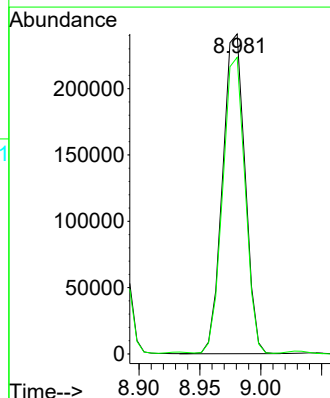
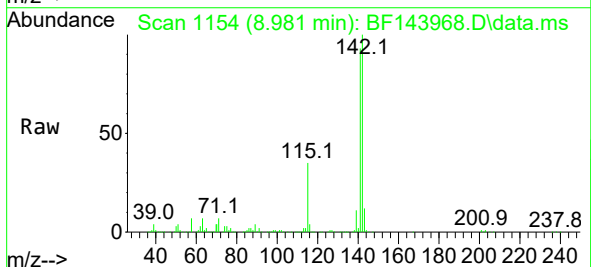
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

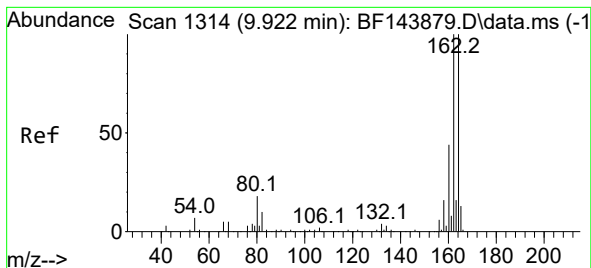
Tgt Ion:142 Resp: 306555
Ion Ratio Lower Upper
142 100
141 88.9 69.2 103.8



#38
1-Methylnaphthalene
Concen: 16.10 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: 20.00 ng

RT: 9.922 min Scan# 111

Delta R.T. -0.005 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

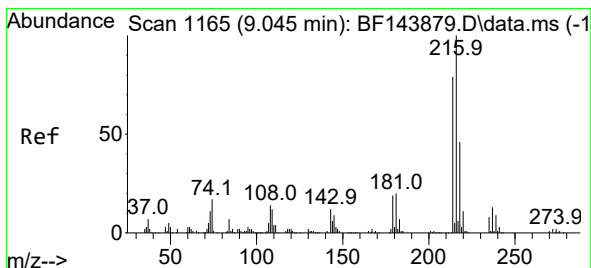
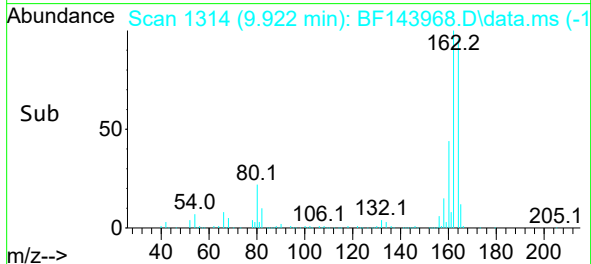
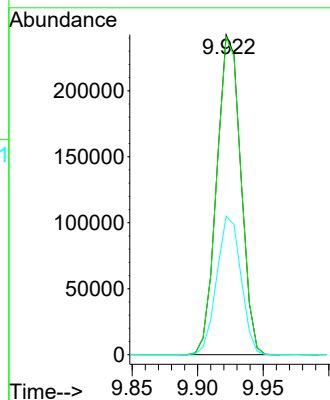
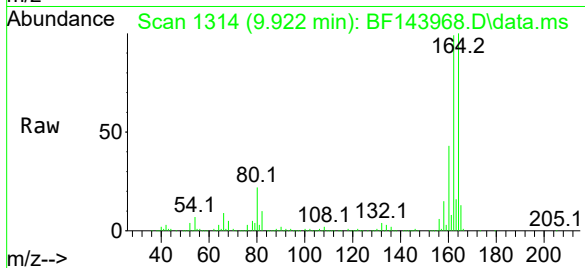
Tgt Ion:164 Resp: 308543

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: 21.43 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

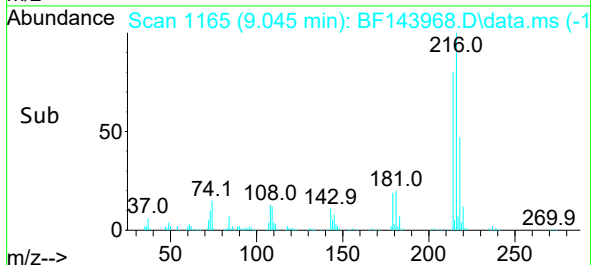
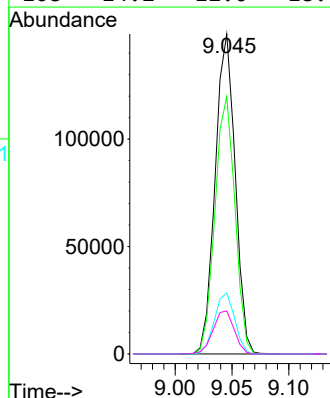
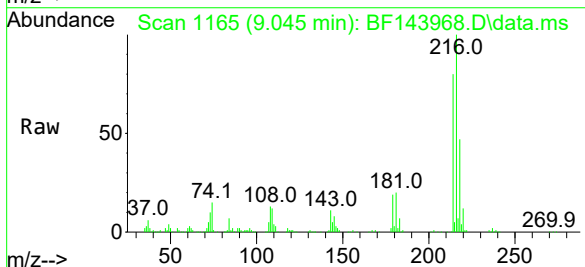
Ion Ratio Lower Upper

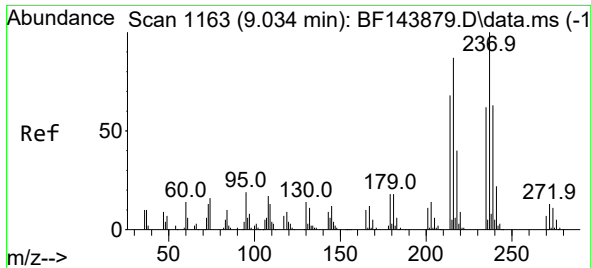
216 100

214 80.3 62.6 94.0

179 19.3 15.4 23.0

108 14.2 12.0 18.0

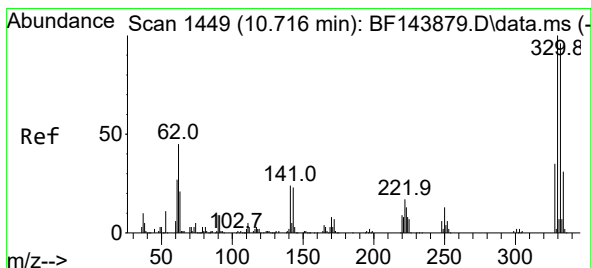
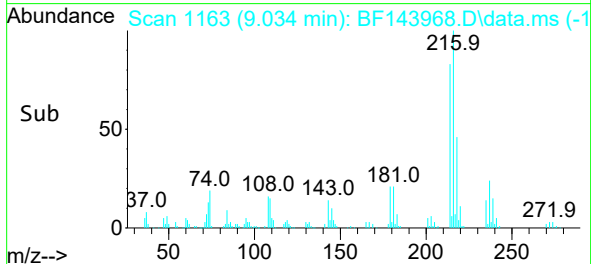
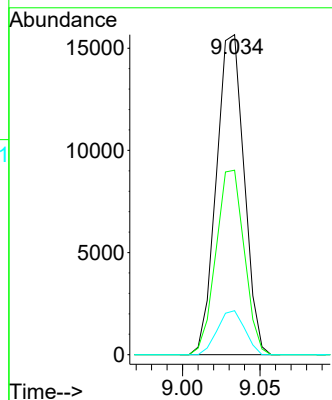
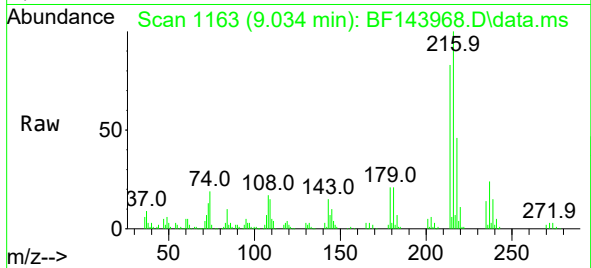




#41
Hexachlorocyclopentadiene
Concen: 5.52 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

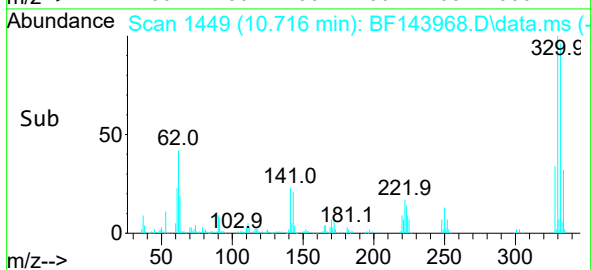
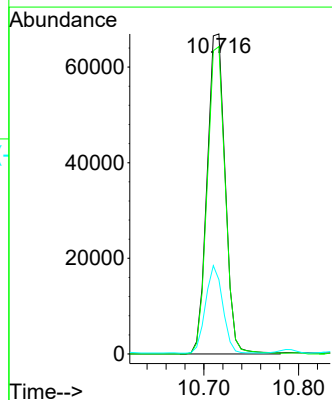
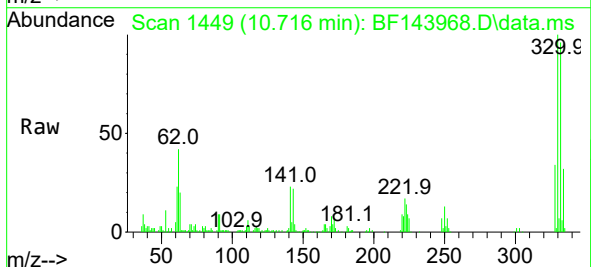
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

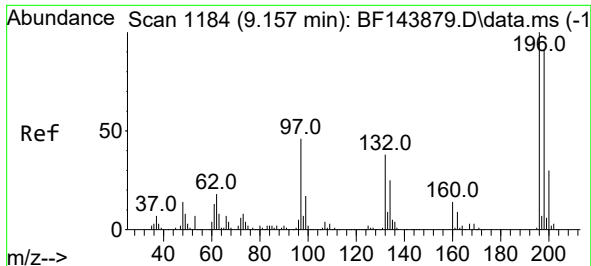
Tgt Ion:237 Resp: 19512
Ion Ratio Lower Upper
237 100
235 57.6 42.3 82.3
272 13.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 28.80 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

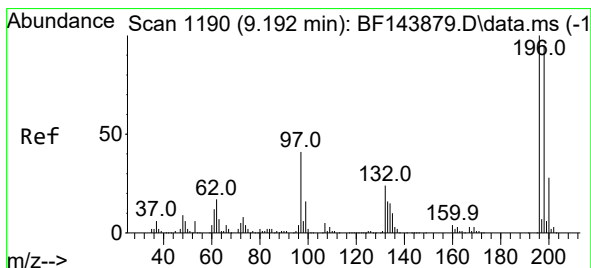
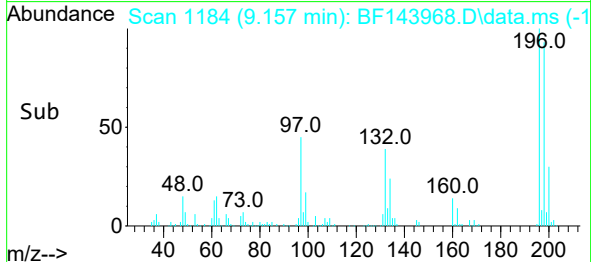
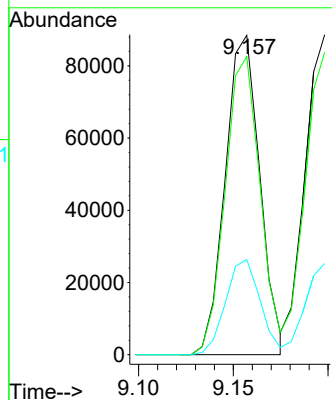
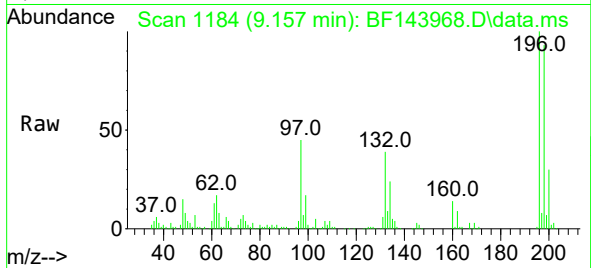




#43
2,4,6-Trichlorophenol
Concen: 18.05 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

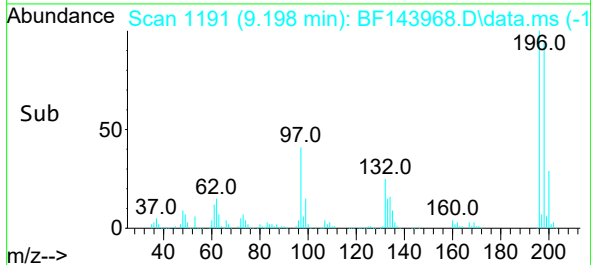
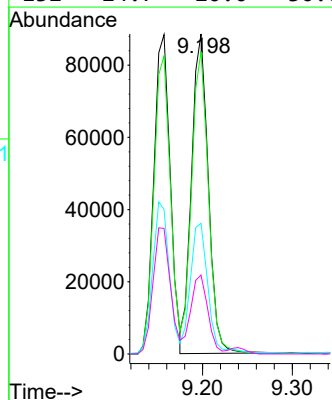
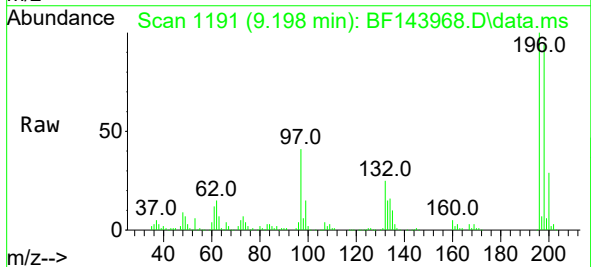
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

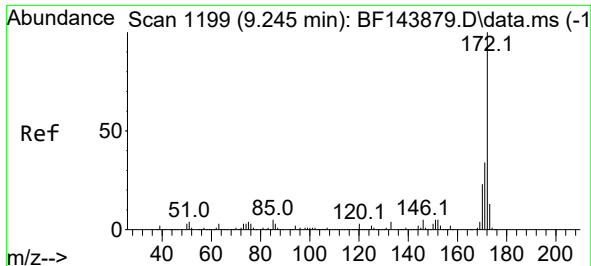
Tgt Ion:196 Resp: 112496
Ion Ratio Lower Upper
196 100
198 93.3 72.8 109.2
200 29.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 17.45 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: 26.07 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

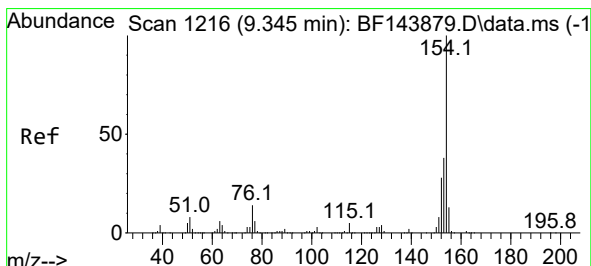
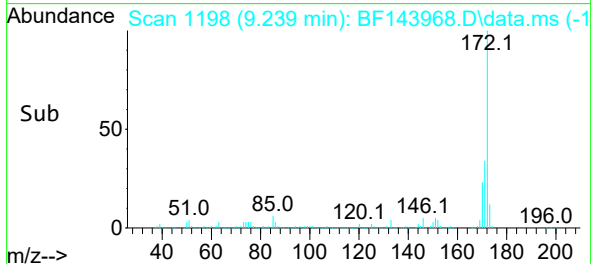
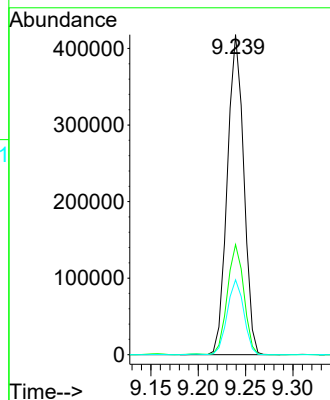
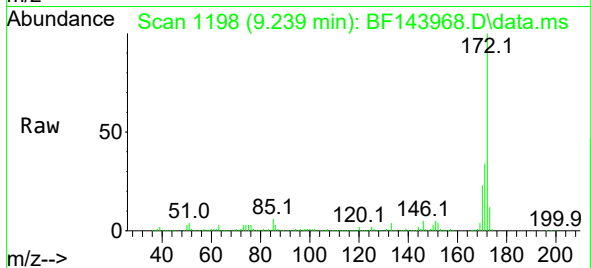
Tgt Ion:172 Resp: 506900

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: 21.23 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

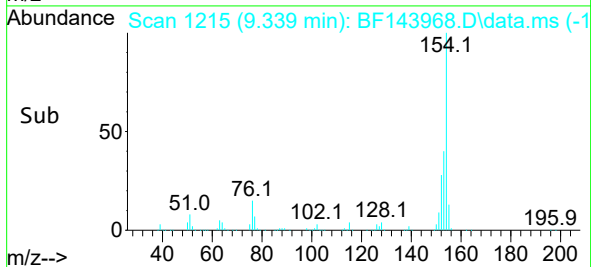
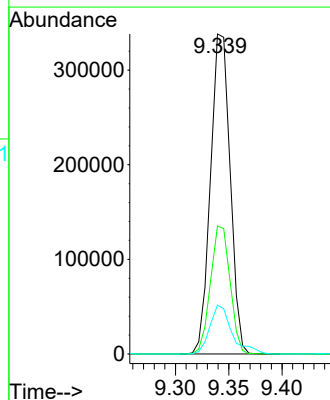
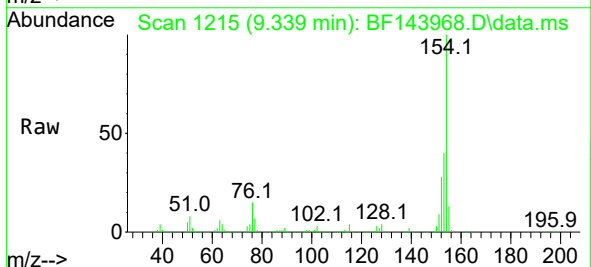
Tgt Ion:154 Resp: 433726

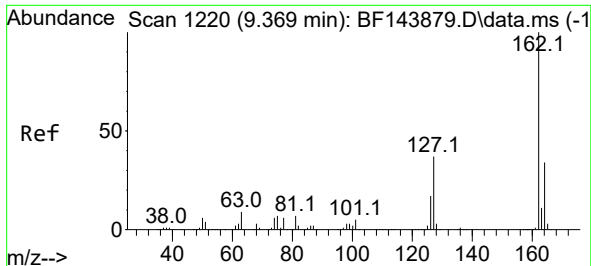
Ion Ratio Lower Upper

154 100

153 40.0 18.4 58.4

76 15.2 0.0 34.0

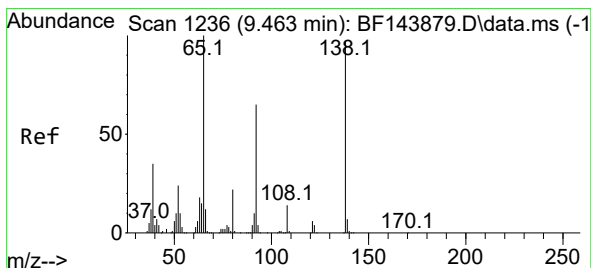
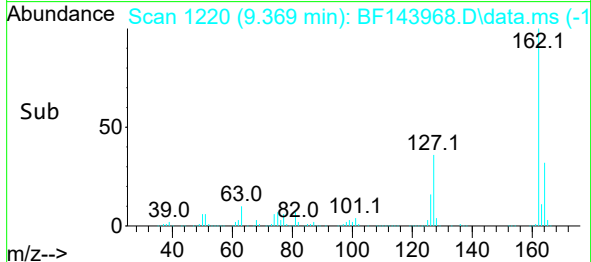
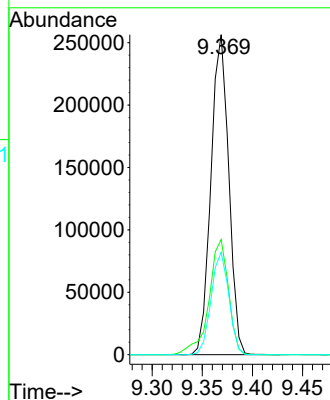
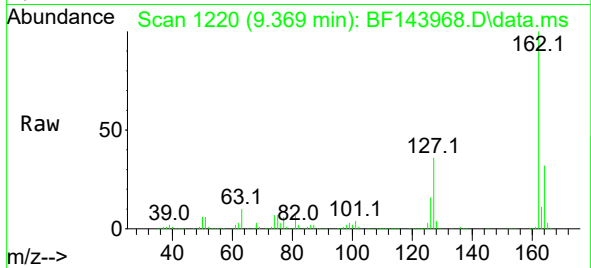




#47
2-Chloronaphthalene
Concen: 18.59 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

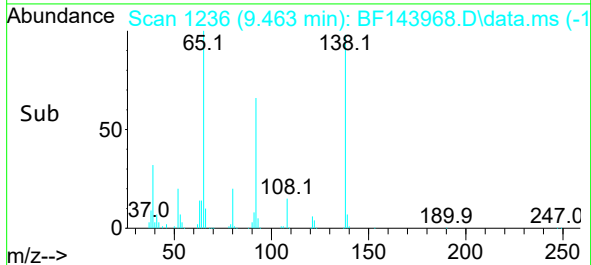
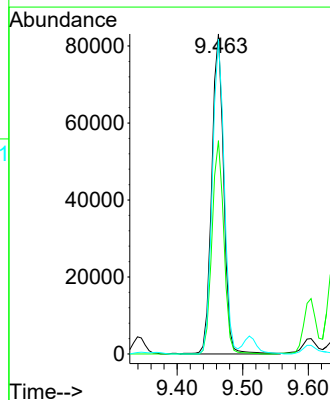
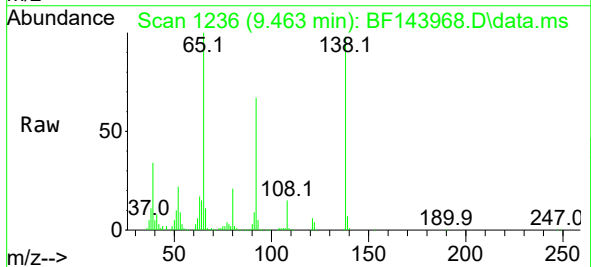
Instrument : BNA_F
ClientSampleId : LAYDOWN-YARD-1MS

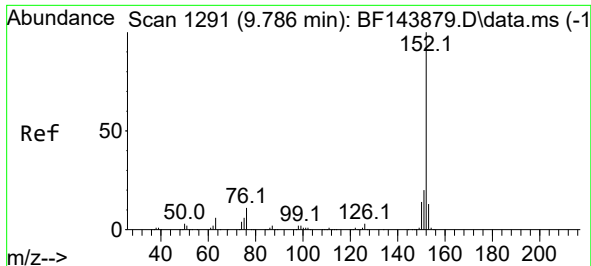
Tgt Ion:162 Resp: 316701
Ion Ratio Lower Upper
162 100
127 36.0 30.2 45.2
164 32.0 26.9 40.3



#48
2-Nitroaniline
Concen: 19.58 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

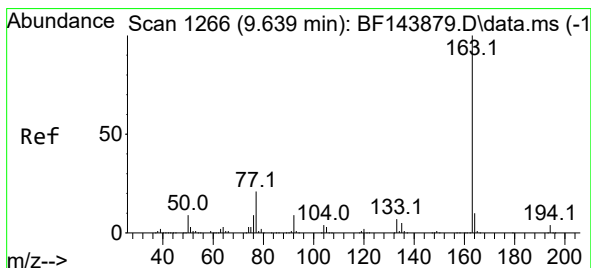
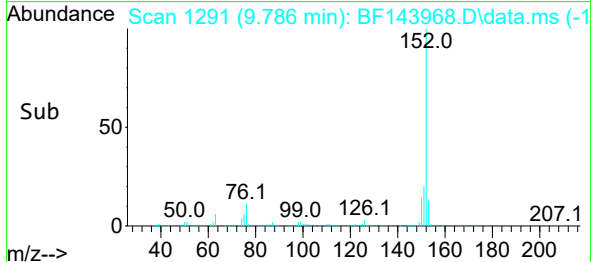
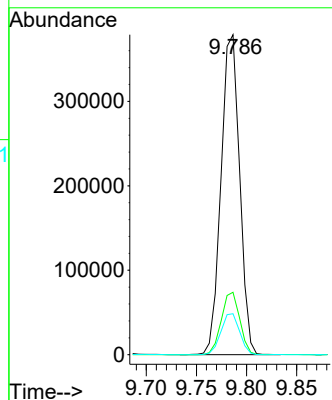
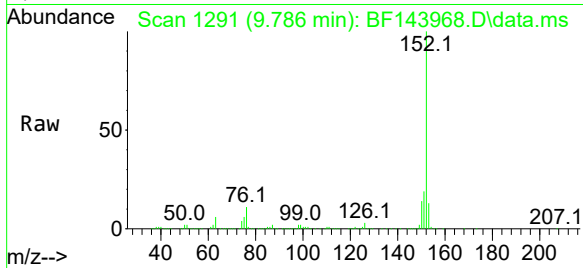




#49
Acenaphthylene
Concen: 20.37 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

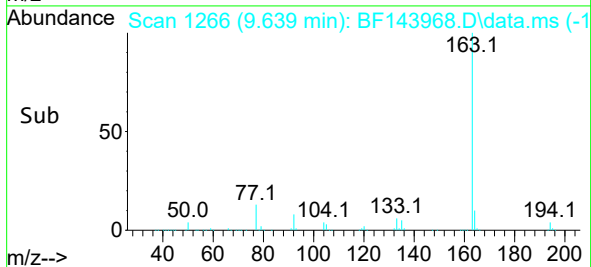
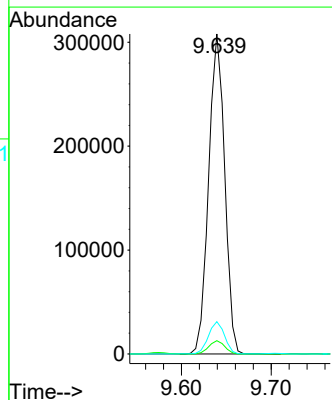
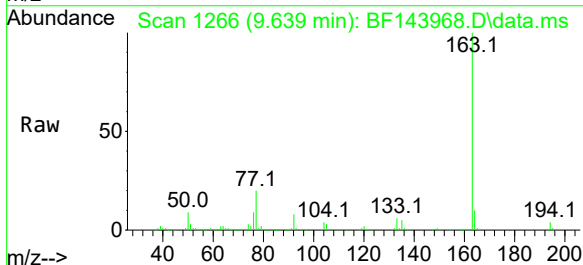
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

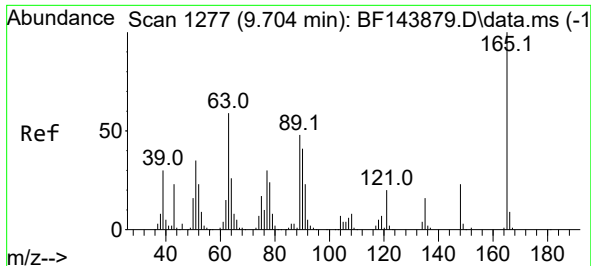
Tgt Ion:152 Resp: 487755
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 19.54 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

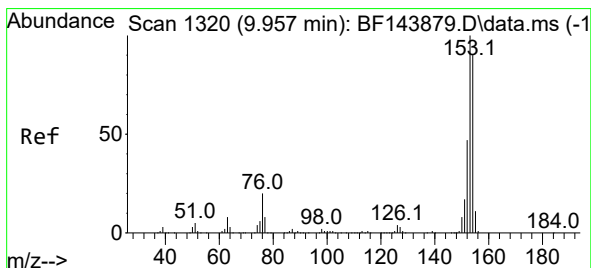
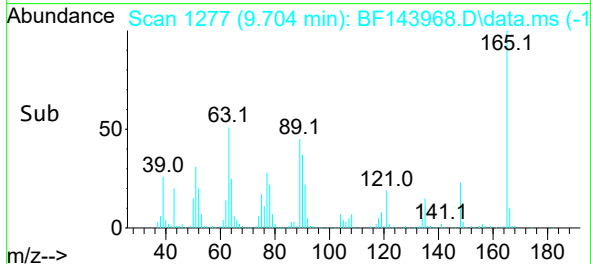
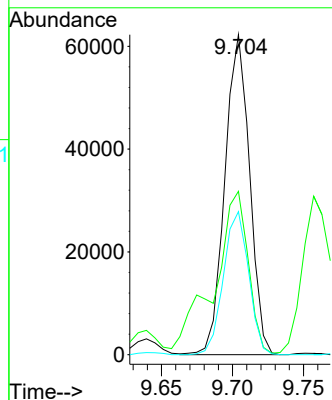
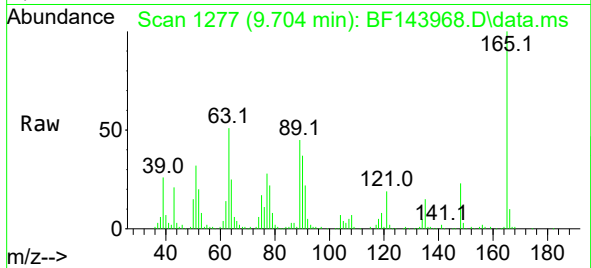




#51
2,6-Dinitrotoluene
Concen: 20.75 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

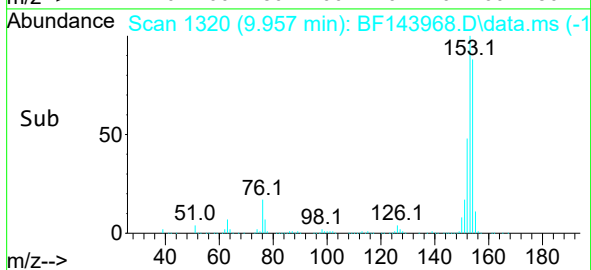
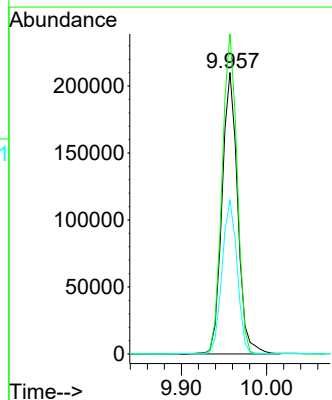
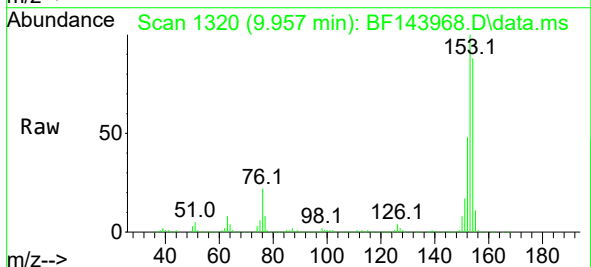
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

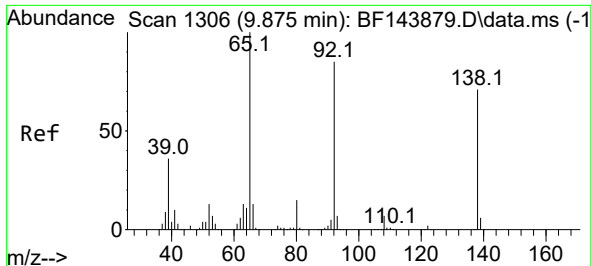
Tgt Ion:165 Resp: 75391
Ion Ratio Lower Upper
165 100
63 51.0 47.3 70.9
89 44.7 38.2 57.4



#52
Acenaphthene
Concen: 17.09 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

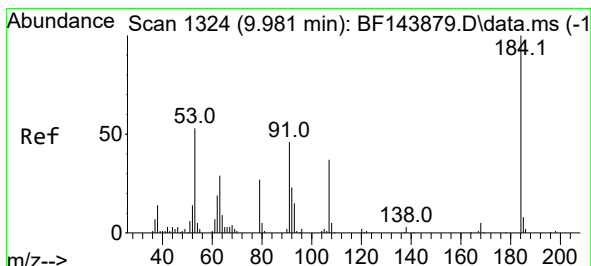
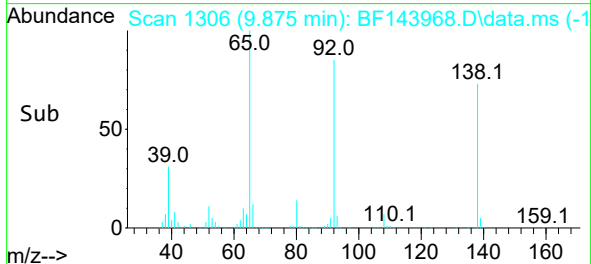
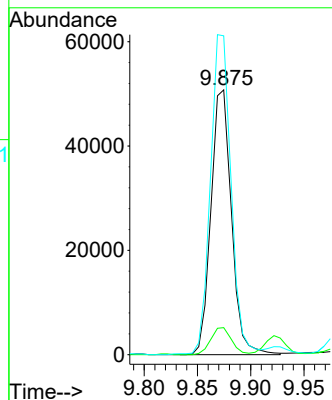
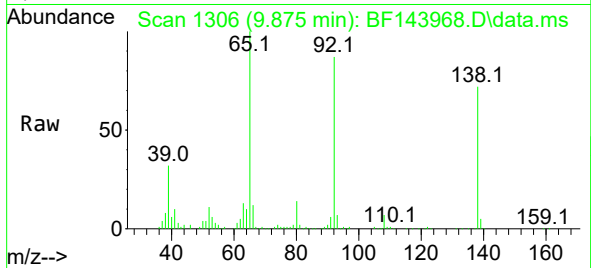




#53
3-Nitroaniline
Concen: 15.29 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

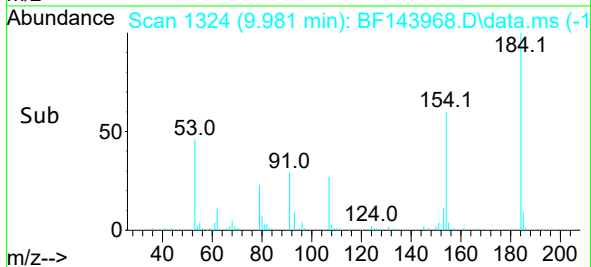
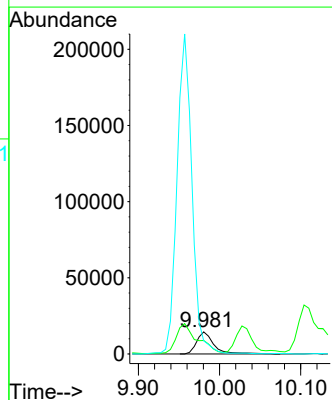
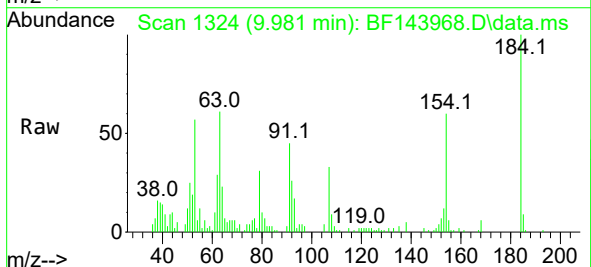
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

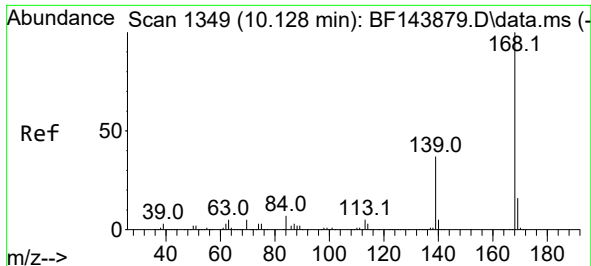
Tgt Ion:138 Resp: 68024
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 120.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 15.65 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

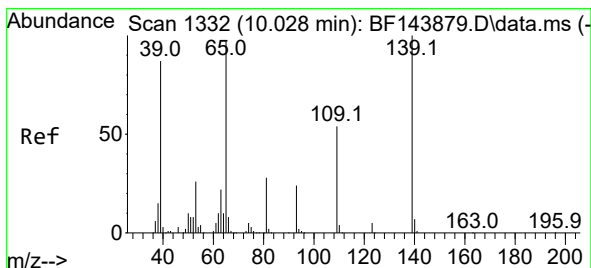
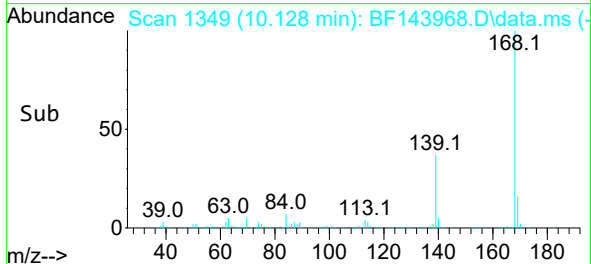
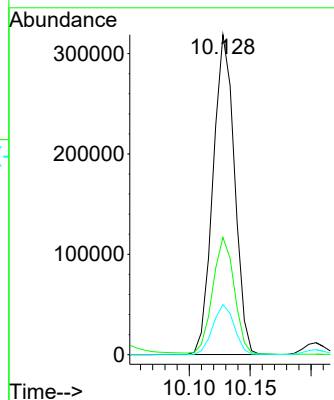
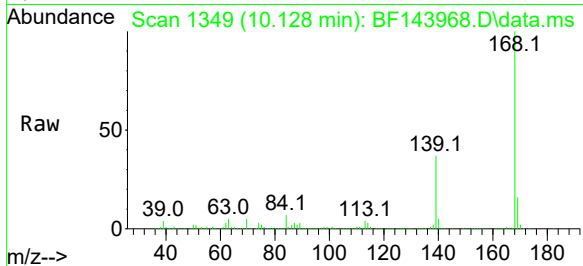




#55
Dibenzofuran
Concen: 17.61 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

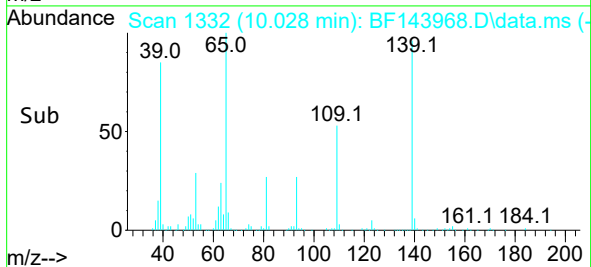
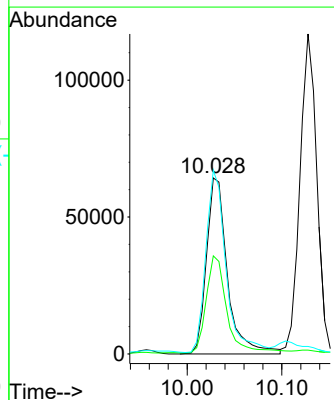
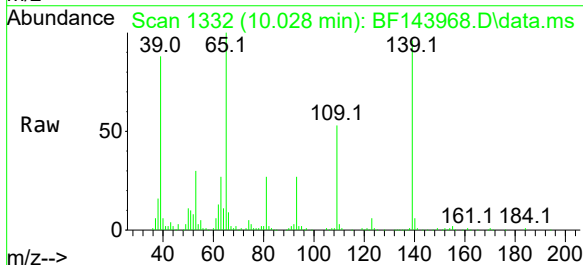
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

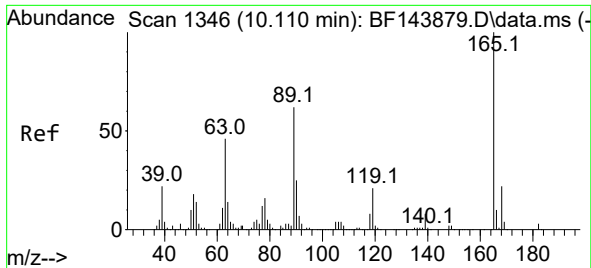
Tgt Ion:168 Resp: 390031
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.8
169 15.6 12.8 19.2



#56
4-Nitrophenol
Concen: 29.40 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

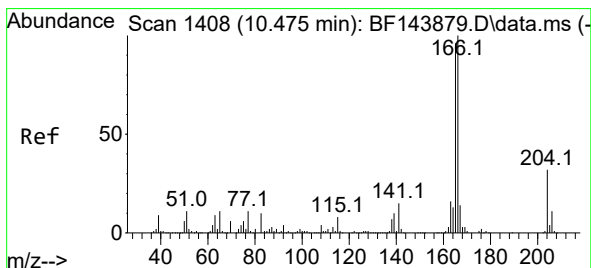
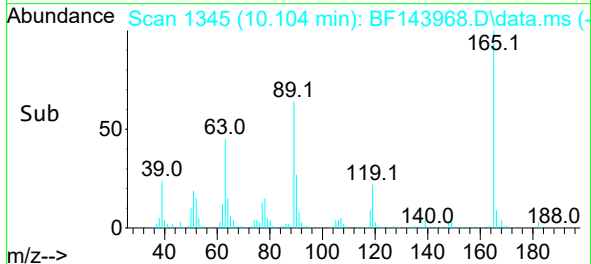
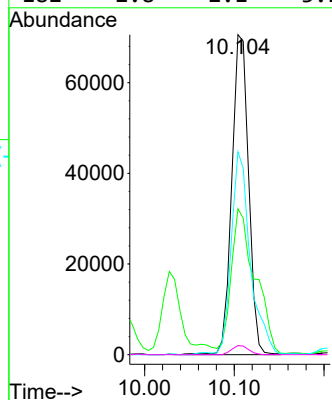
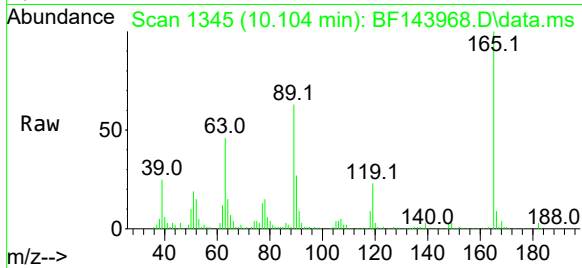




#57
2,4-Dinitrotoluene
Concen: 18.54 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

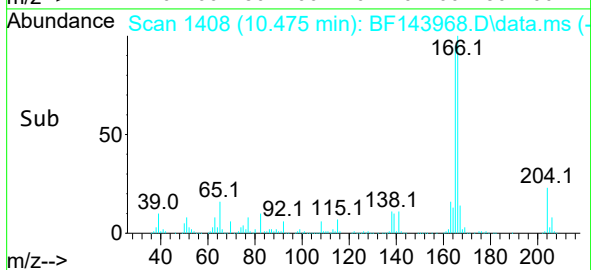
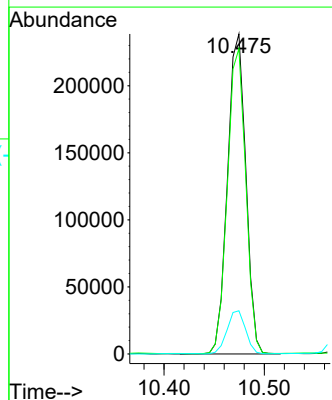
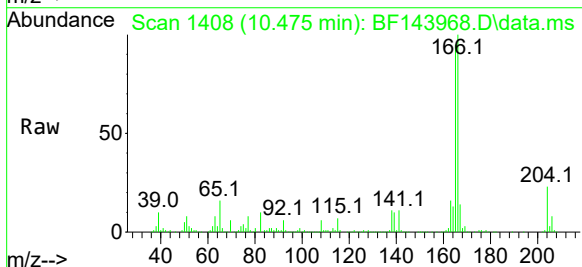
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

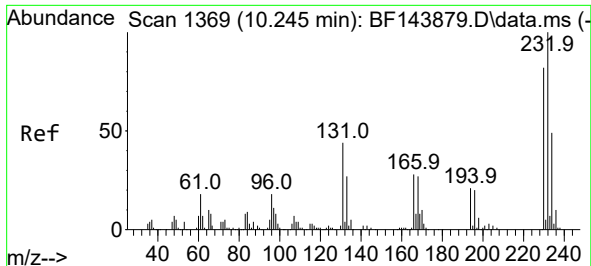
Tgt Ion:165 Resp: 91663
Ion Ratio Lower Upper
165 100
63 45.6 37.2 55.8
89 63.4 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 18.15 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

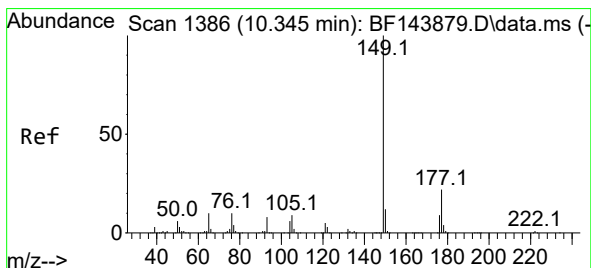
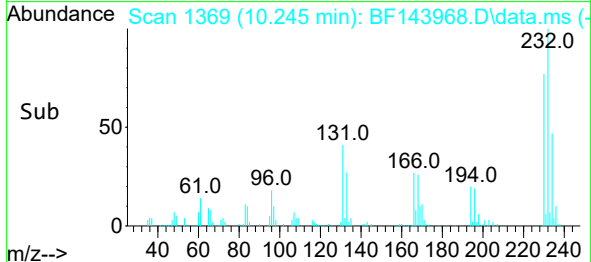
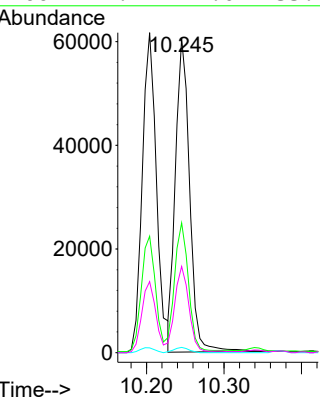
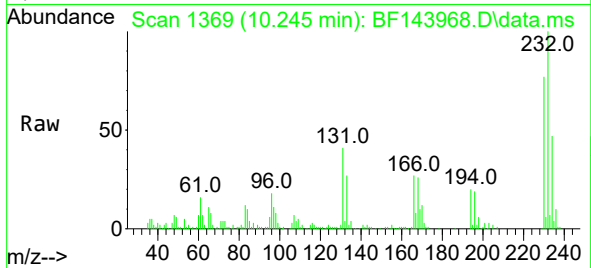




#59
2,3,4,6-Tetrachlorophenol
Concen: 16.56 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

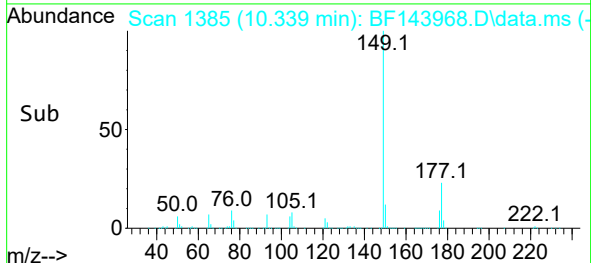
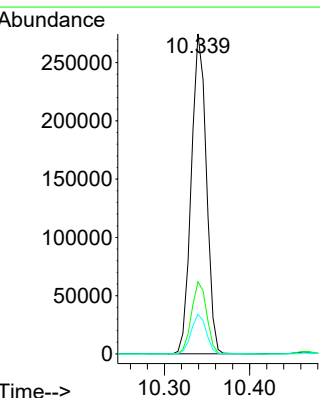
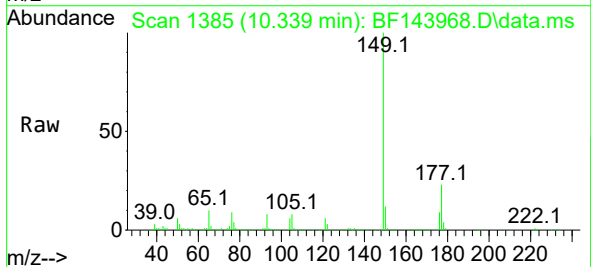
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

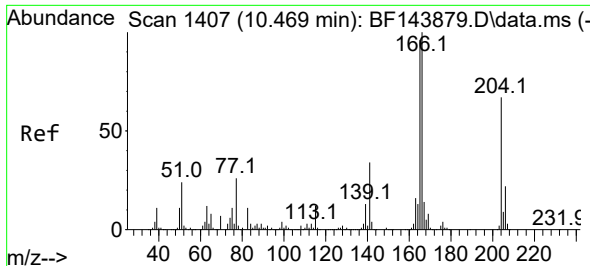
Tgt Ion:232 Resp: 77179
Ion Ratio Lower Upper
232 100
131 40.3 34.9 52.3
130 1.8 1.6 2.4
166 27.1 22.0 33.0



#60
Diethylphthalate
Concen: 18.51 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

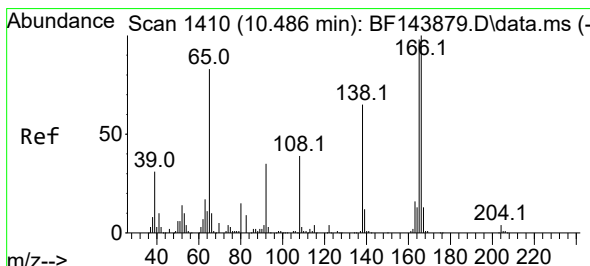
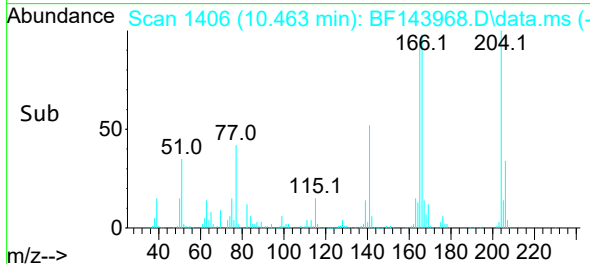
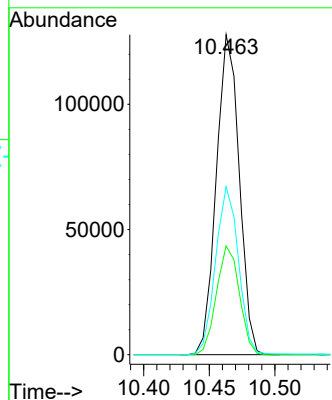
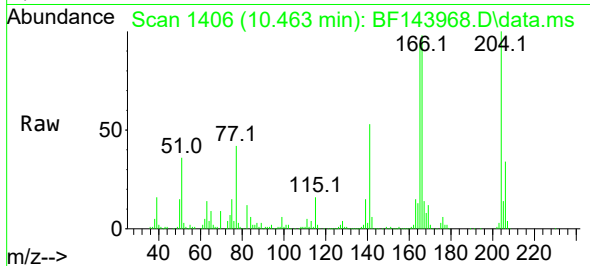




#61
4-Chlorophenyl-phenylether
Concen: 17.54 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

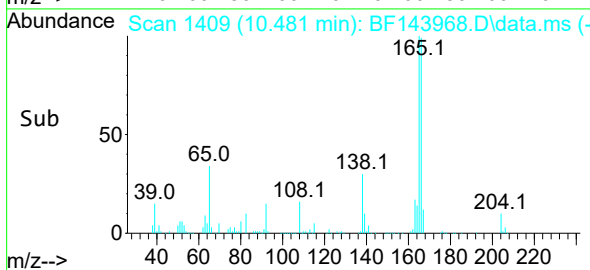
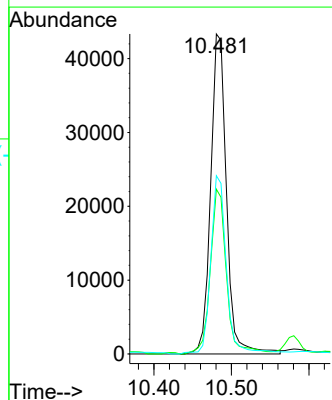
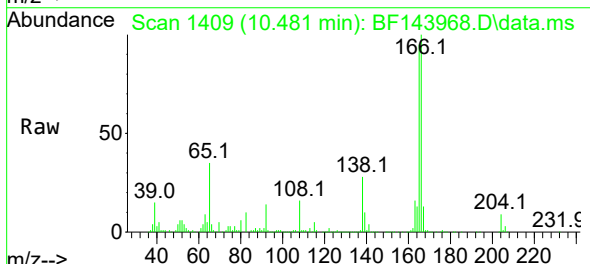
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

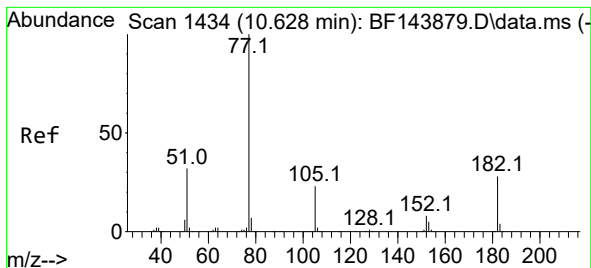
Tgt Ion:204 Resp: 155014
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 52.5 40.4 60.6



#62
4-Nitroaniline
Concen: 14.37 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: 18.68 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

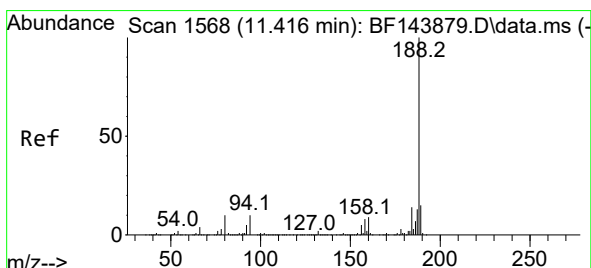
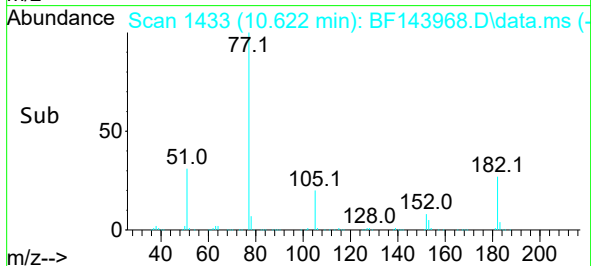
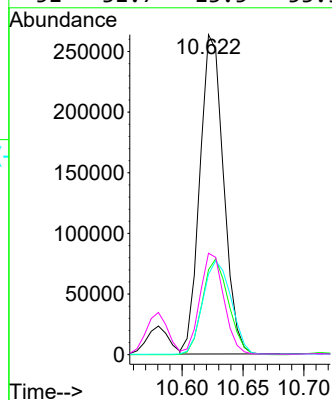
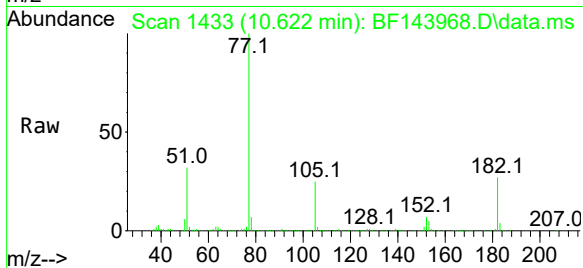
Ion Ratio Lower Upper

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: 20.00 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

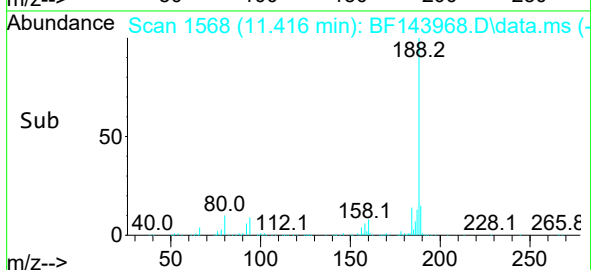
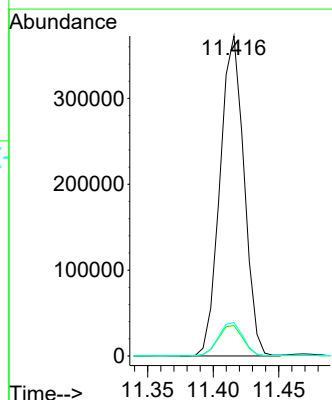
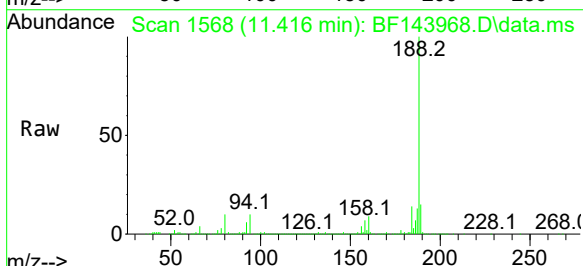
Tgt Ion:188 Resp: 474955

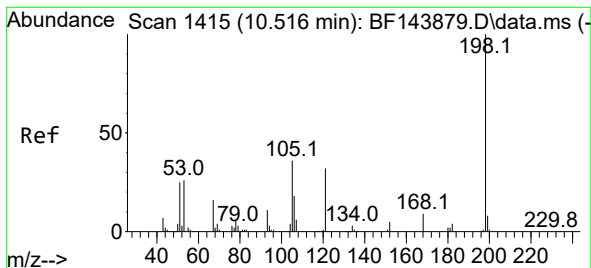
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 10.5 7.9 11.9

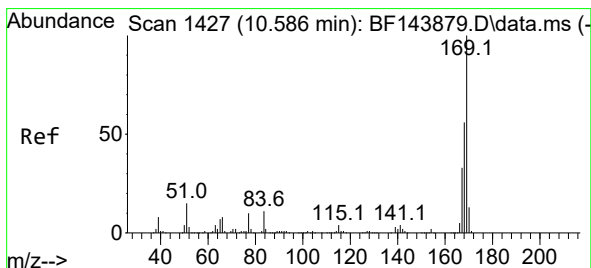
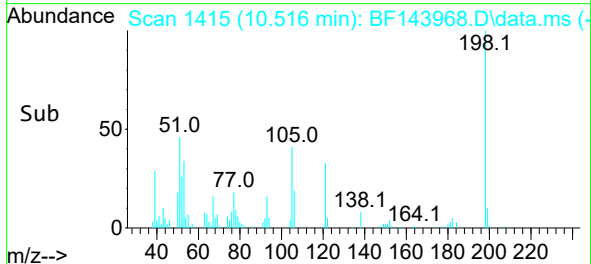
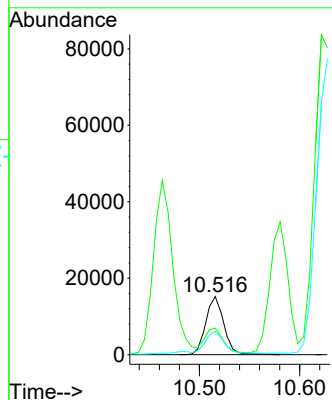
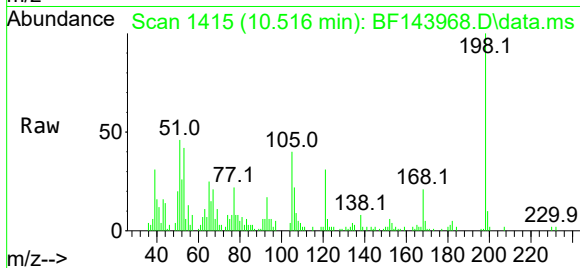




#65
4,6-Dinitro-2-methylphenol
Concen: 7.99 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

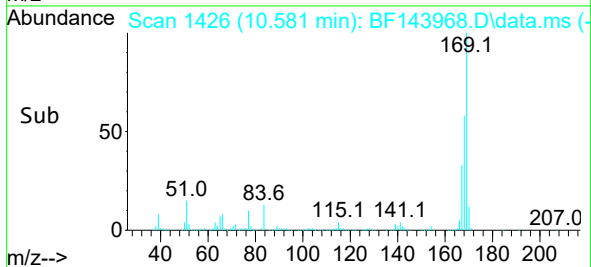
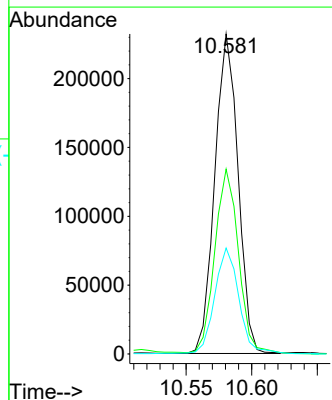
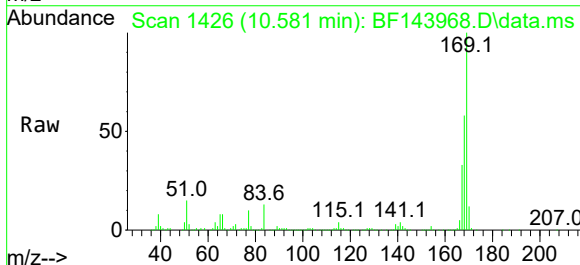
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

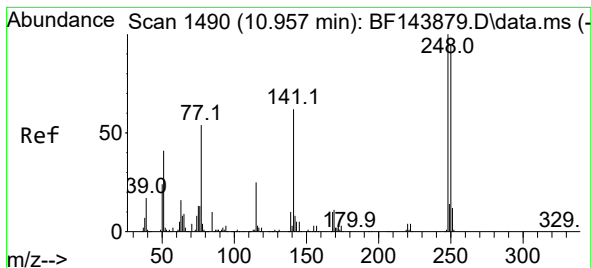
Tgt Ion:198 Resp: 19082
Ion Ratio Lower Upper
198 100
51 45.6 33.8 73.8
105 39.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 19.18 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

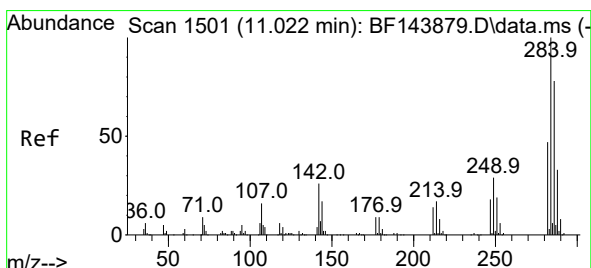
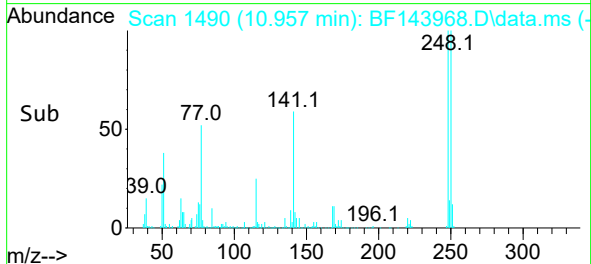
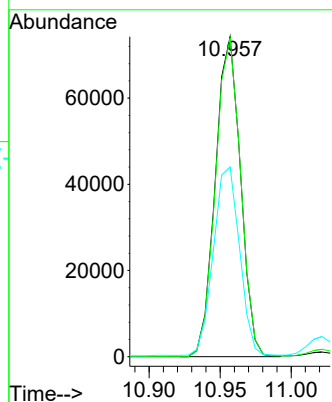
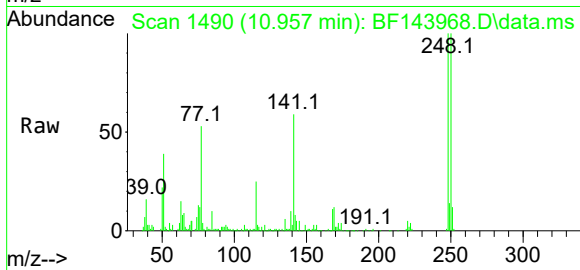




#67
4-Bromophenyl-phenylether
Concen: 17.40 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

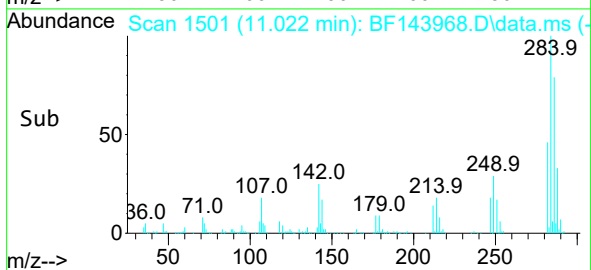
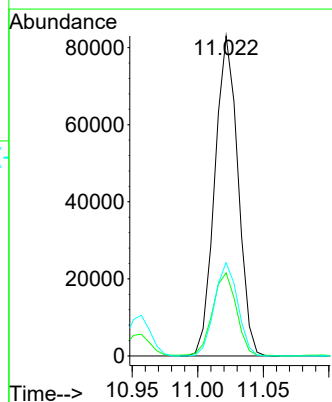
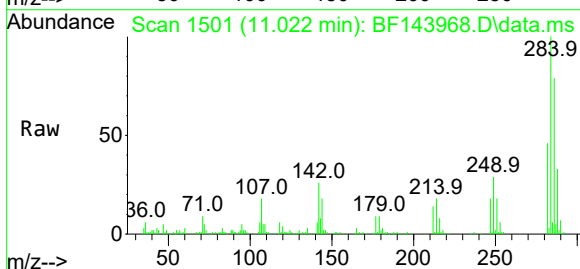
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

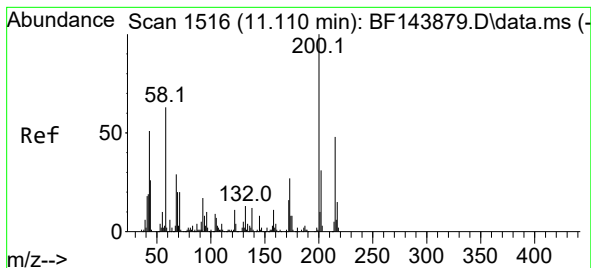
Tgt Ion:248 Resp: 91325
Ion Ratio Lower Upper
248 100
250 99.6 76.3 114.5
141 59.3 49.7 74.5



#68
Hexachlorobenzene
Concen: 16.75 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: 19.26 ng

RT: 11.110 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

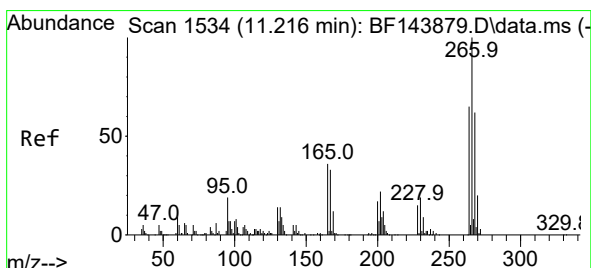
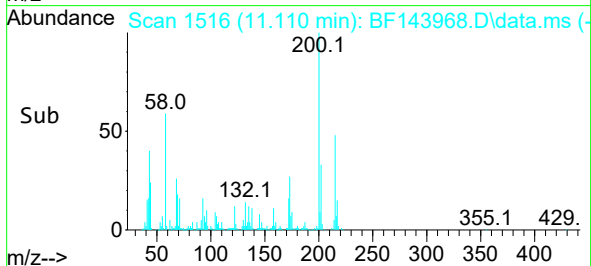
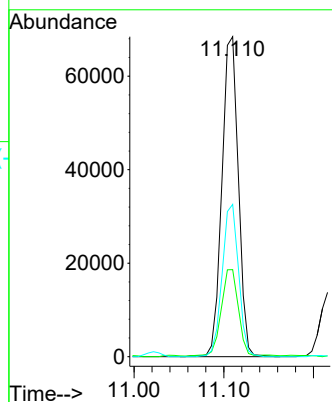
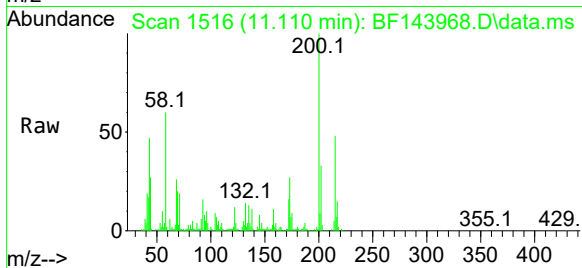
Tgt Ion:200 Resp: 87070

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 47.6 27.8 67.8



#70

Pentachlorophenol

Concen: 31.88 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

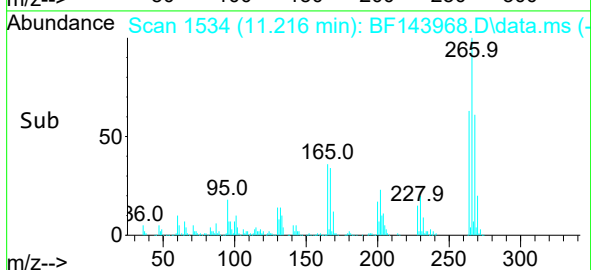
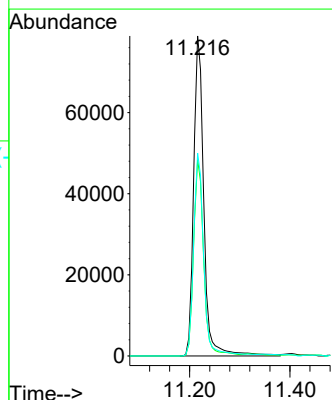
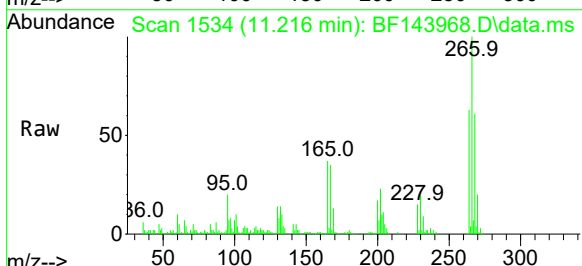
Tgt Ion:266 Resp: 111274

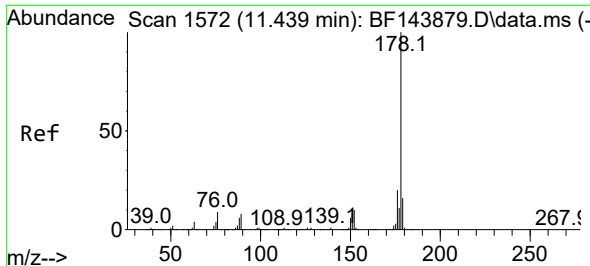
Ion Ratio Lower Upper

266 100

268 61.4 49.4 74.0

264 63.4 51.8 77.6

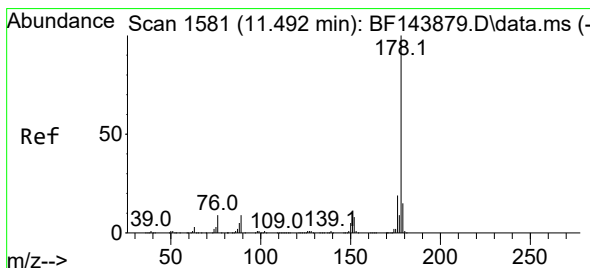
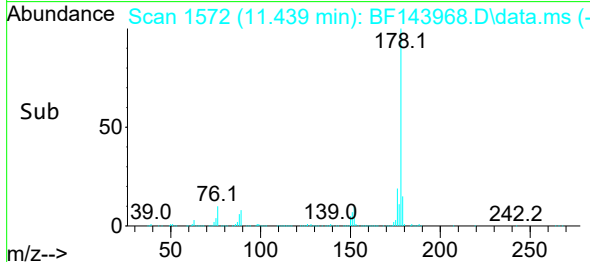
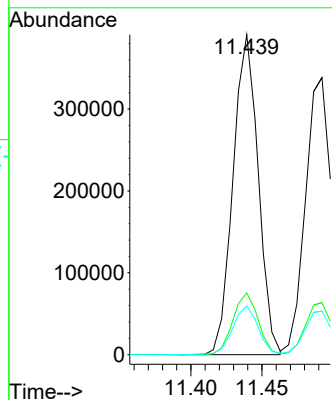
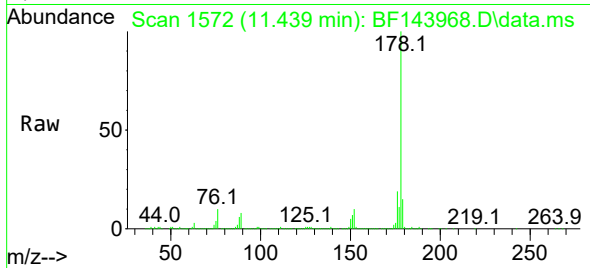




#71
Phenanthrene
Concen: 20.91 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

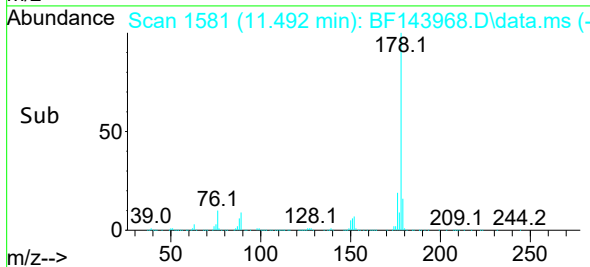
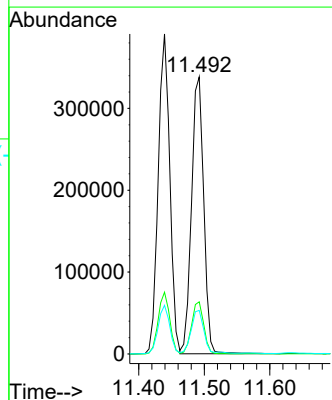
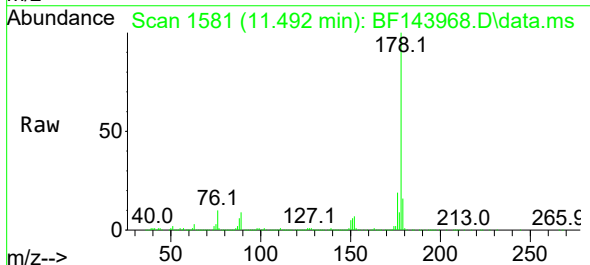
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

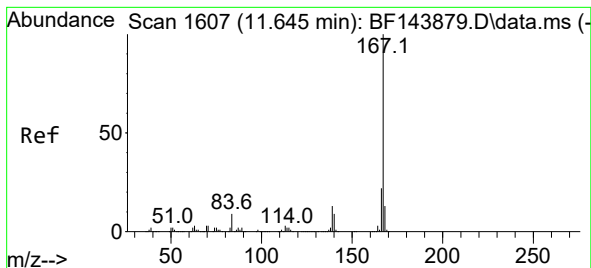
Tgt Ion:178 Resp: 481429
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.2 12.4 18.6



#72
Anthracene
Concen: 18.79 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: 18.04 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

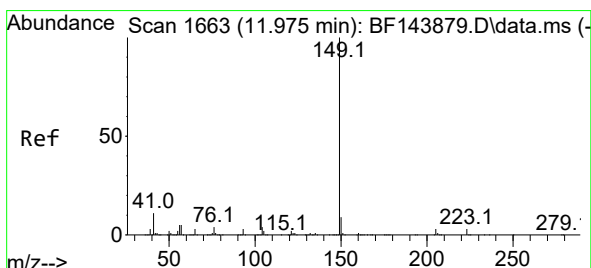
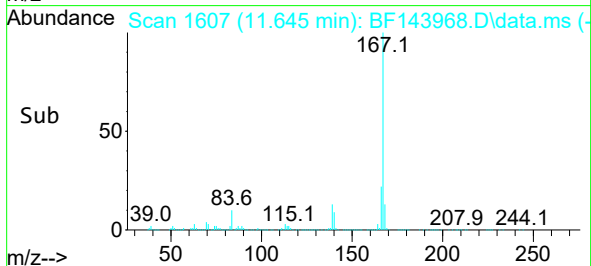
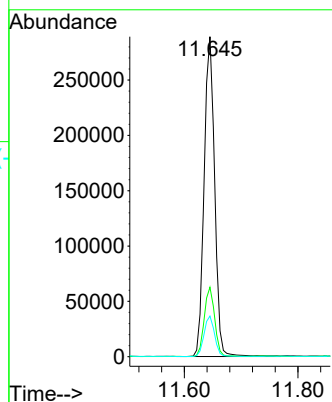
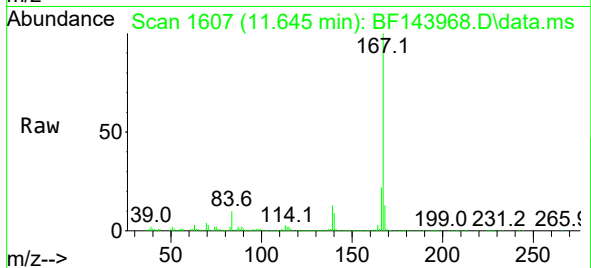
Tgt Ion:167 Resp: 371754

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: 19.55 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

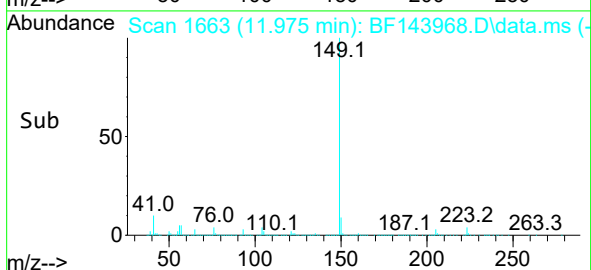
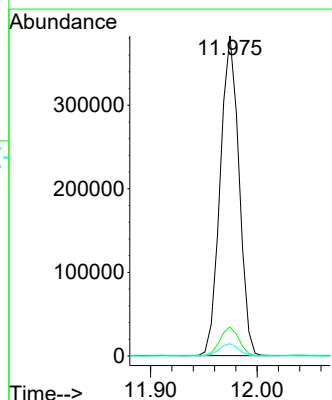
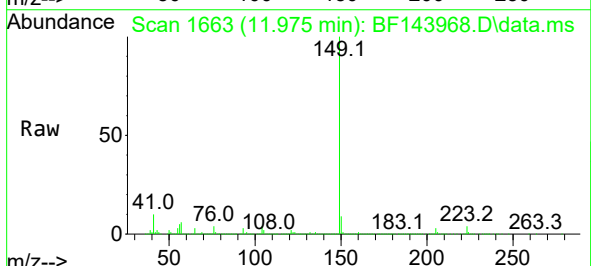
Tgt Ion:149 Resp: 466814

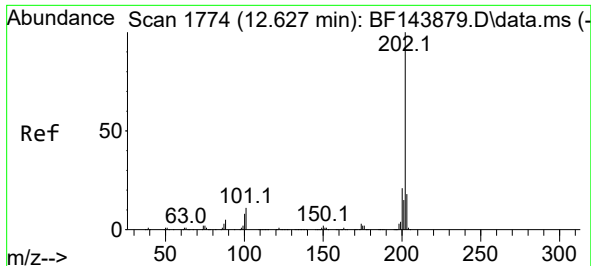
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 3.8 3.4 5.2

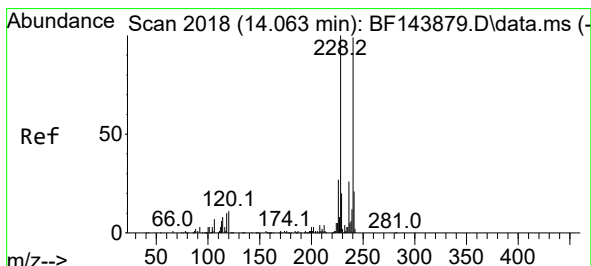
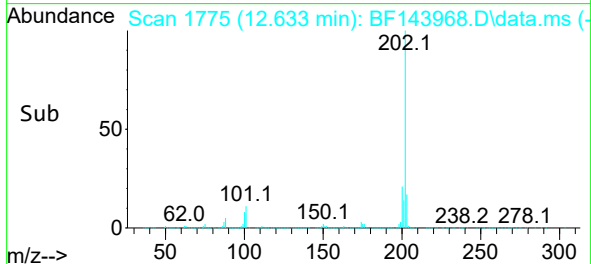
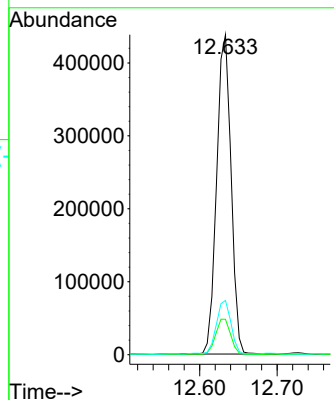
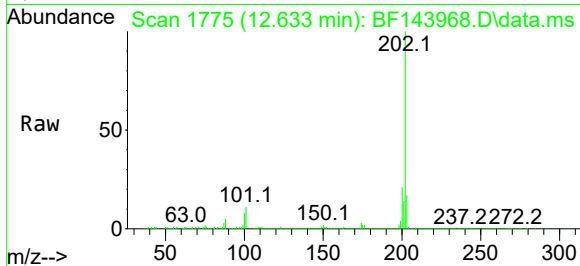




#75
Fluoranthene
Concen: 23.75 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

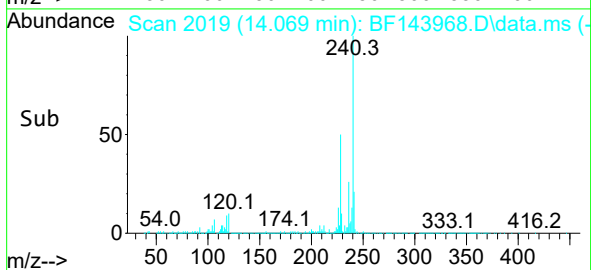
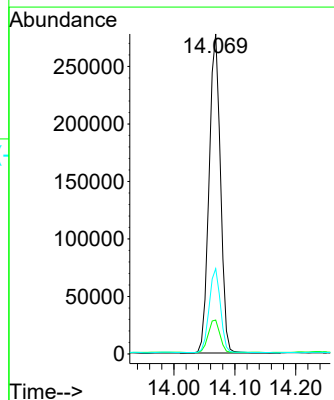
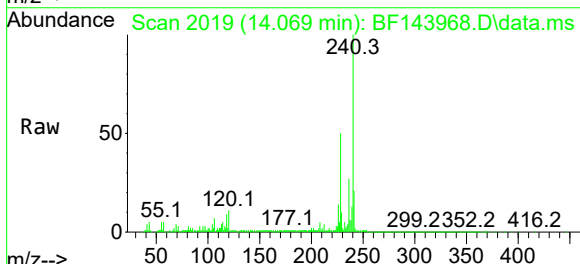
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

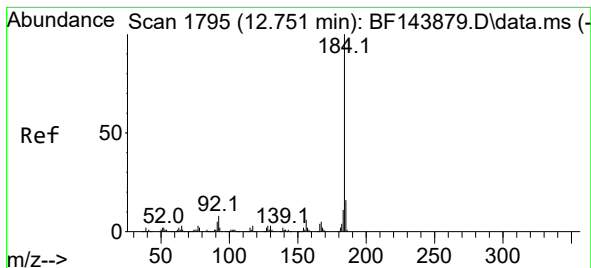
Tgt Ion:202 Resp: 564924
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 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: 7.59 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

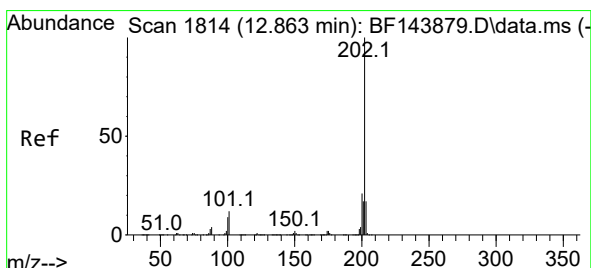
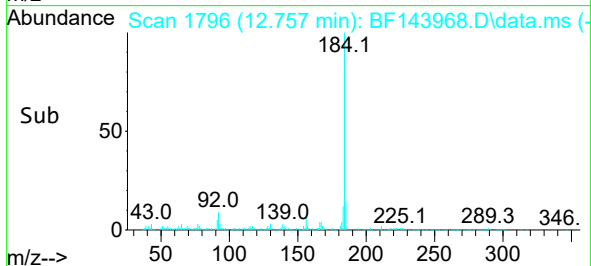
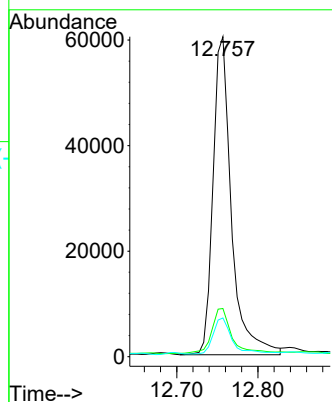
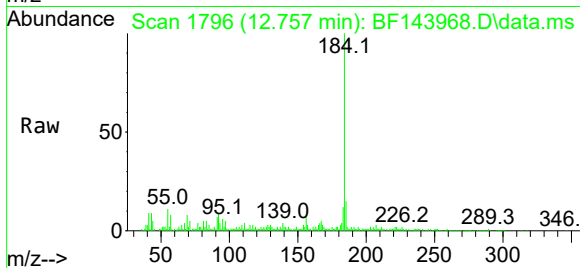
Tgt Ion:184 Resp: 94891

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 12.1 8.8 13.2



#78

Pyrene

Concen: 19.06 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

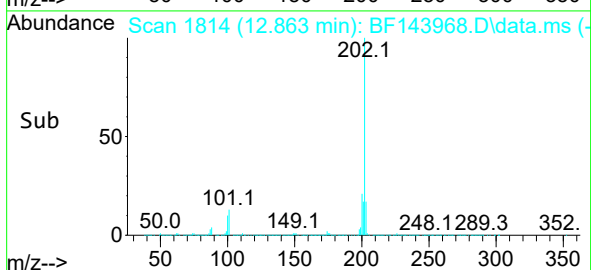
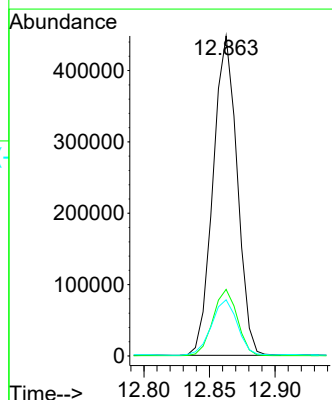
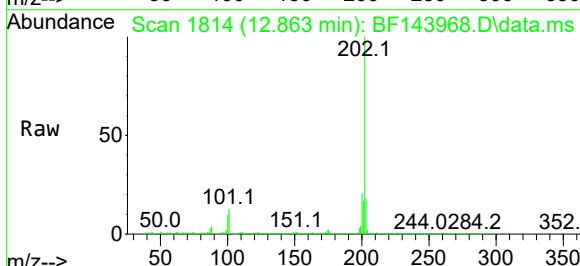
Tgt Ion:202 Resp: 572588

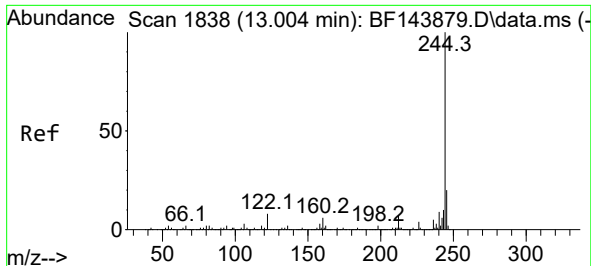
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 17.6 13.8 20.6

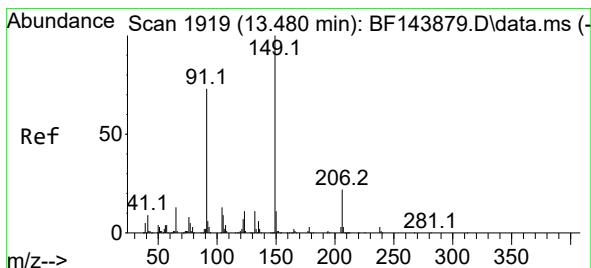
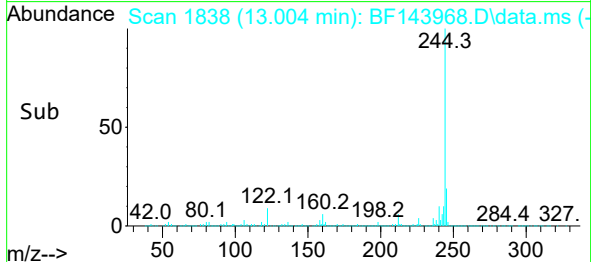
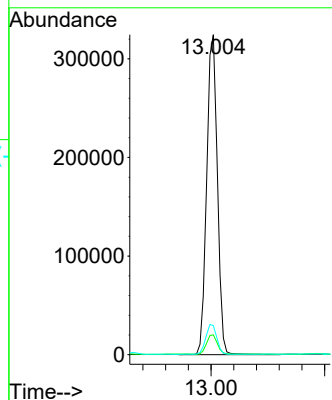
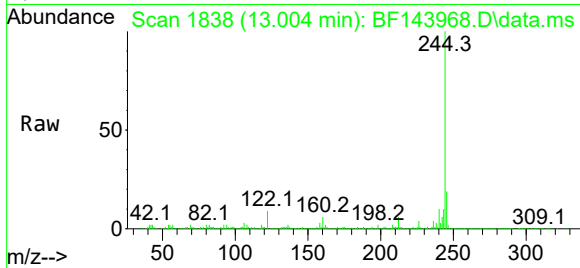




#79
 Terphenyl-d14
 Concen: 20.02 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143968.D
 Acq: 15 Oct 2025 22:49

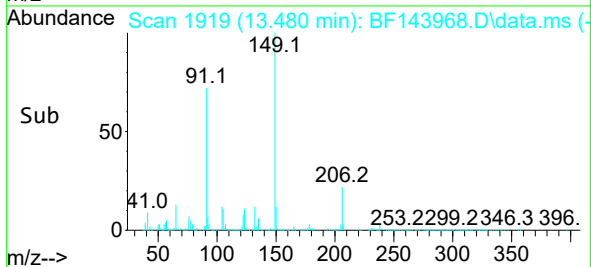
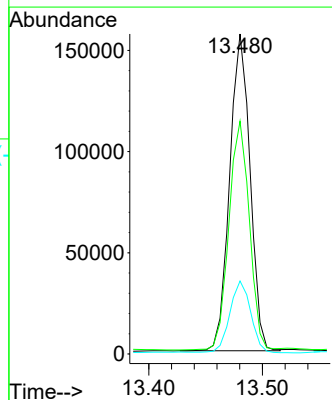
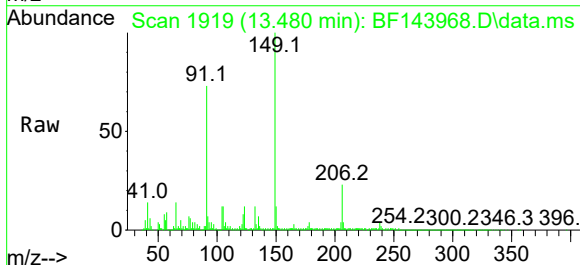
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MS

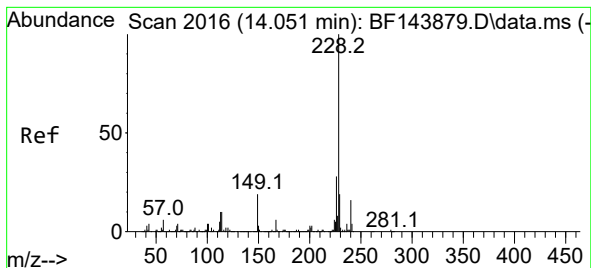
Tgt Ion:244 Resp: 422059
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.1 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 19.99 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: 20.26 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

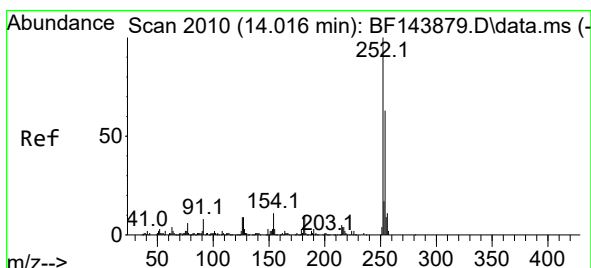
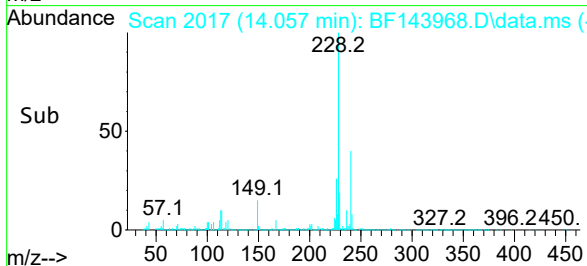
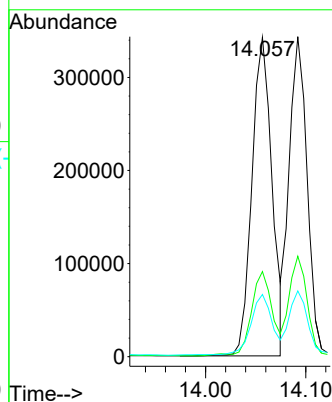
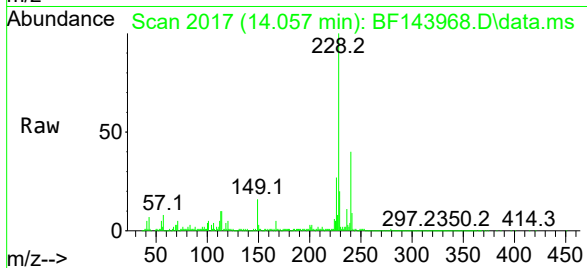
Tgt Ion:228 Resp: 477754

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: 16.39 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

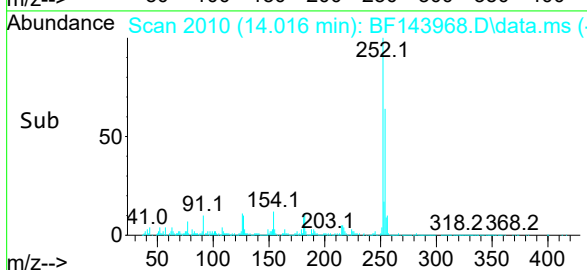
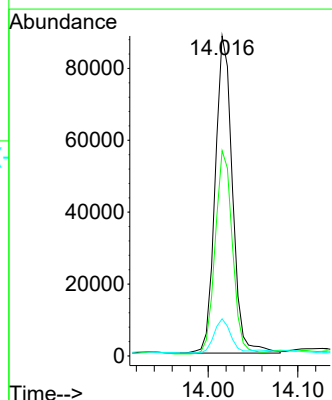
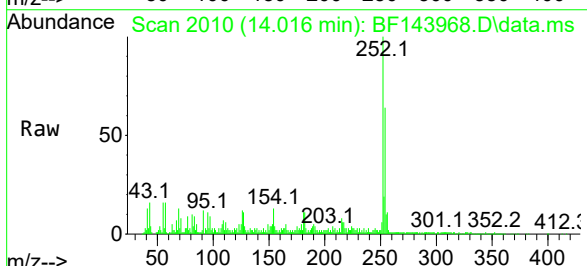
Tgt Ion:252 Resp: 117786

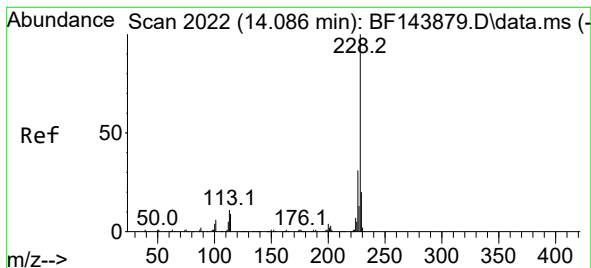
Ion Ratio Lower Upper

252 100

254 64.2 50.6 76.0

126 11.6 7.0 10.6#





#83

Chrysene

Concen: 19.42 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

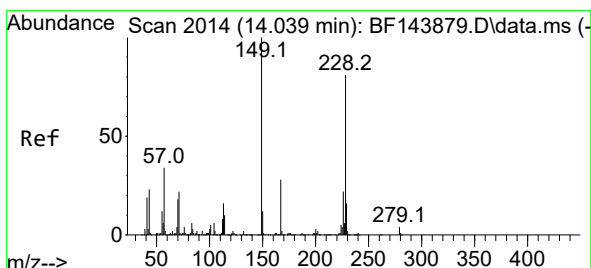
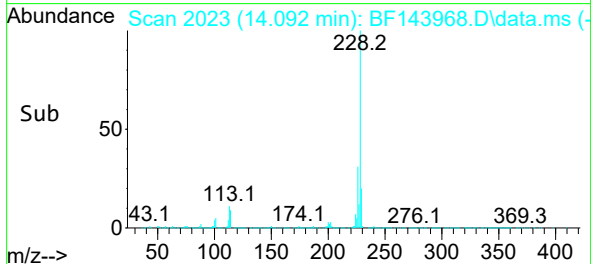
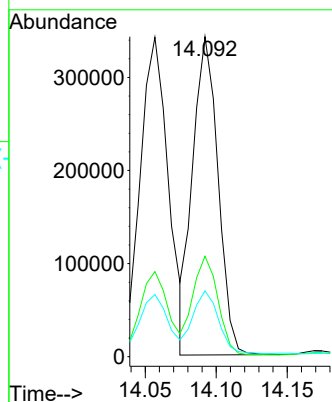
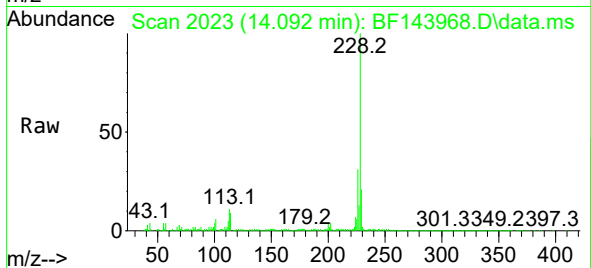
Tgt Ion:228 Resp: 423687

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: 33.74 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

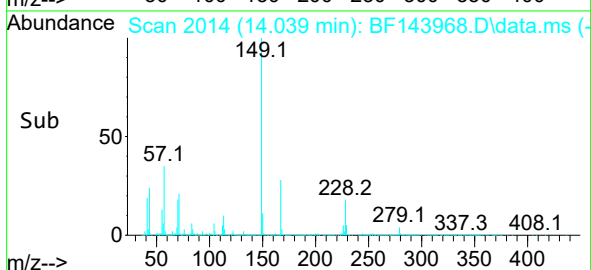
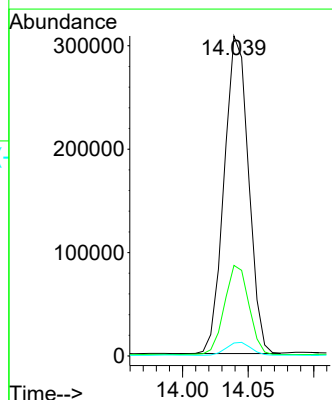
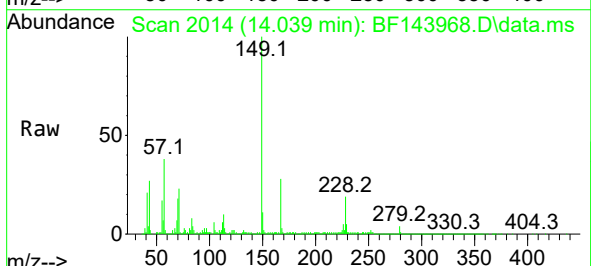
Tgt Ion:149 Resp: 396699

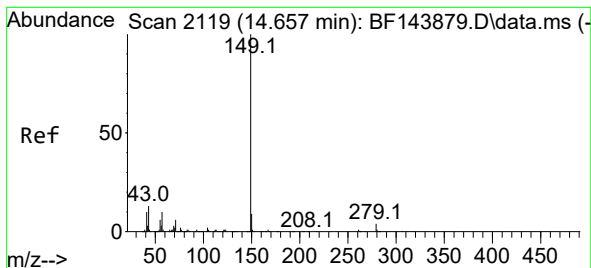
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 22.60 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

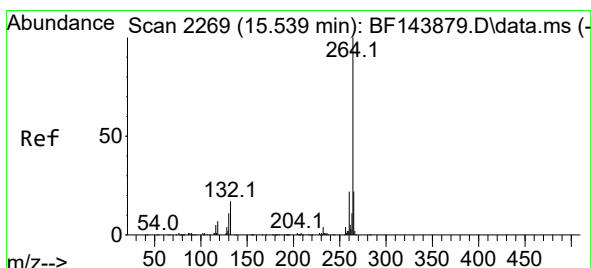
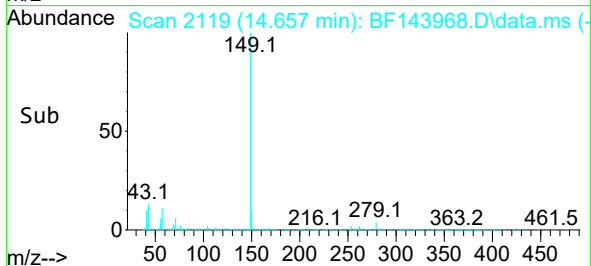
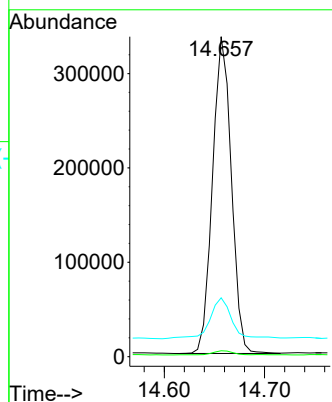
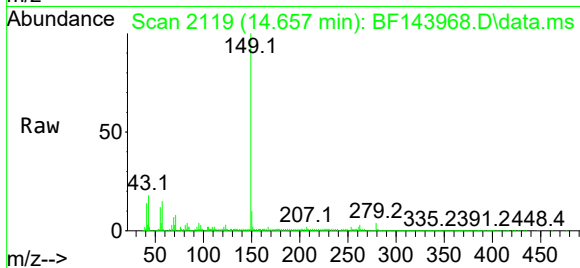
Tgt Ion:149 Resp: 436436

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 15.0 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.557 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

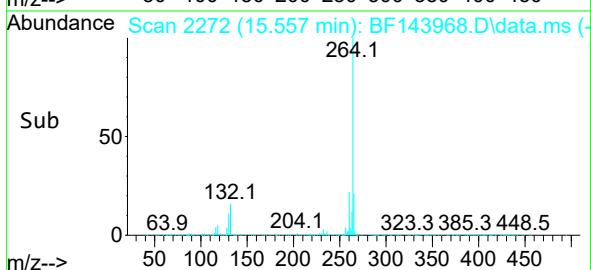
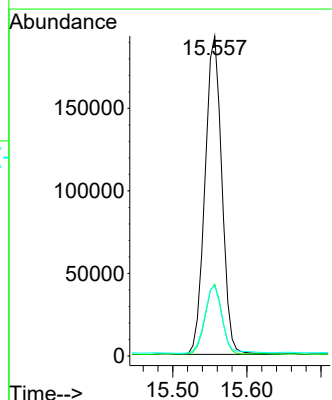
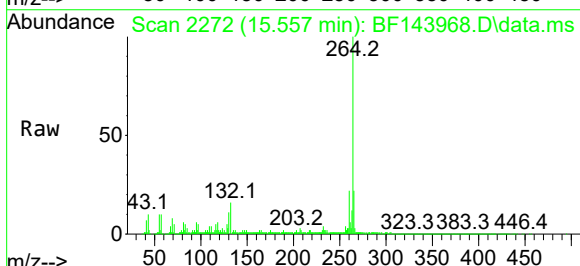
Tgt Ion:264 Resp: 304346

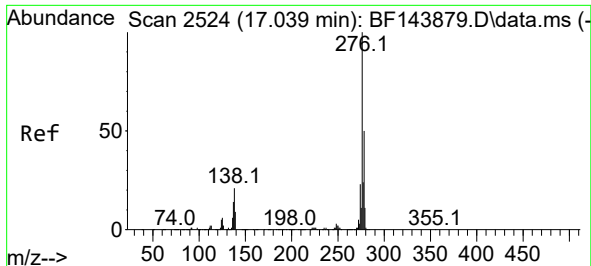
Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 22.0 17.5 26.3

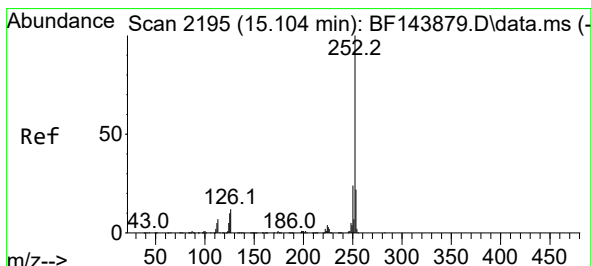
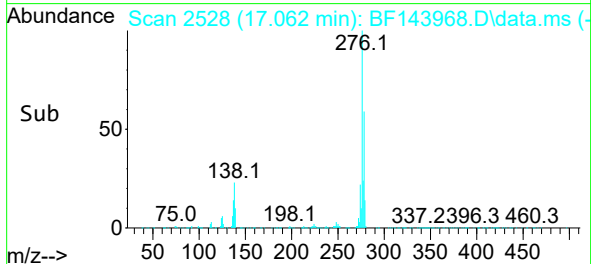
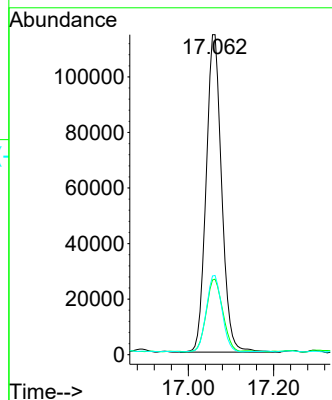
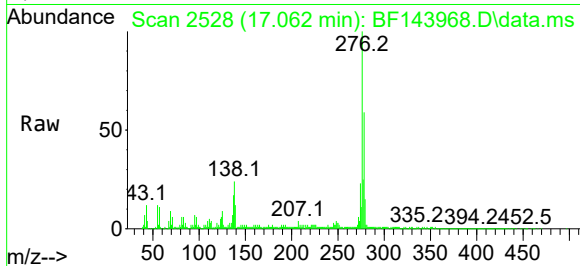




#87
Indeno(1,2,3-cd)pyrene
Concen: 15.50 ng
RT: 17.062 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143968.D
Acq: 15 Oct 2025 22:49

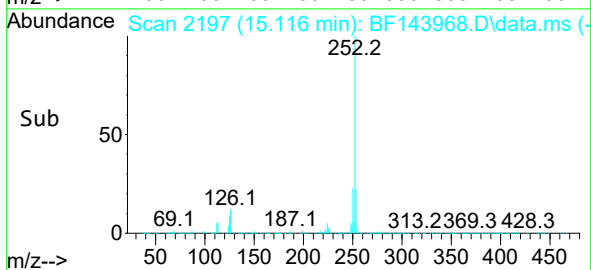
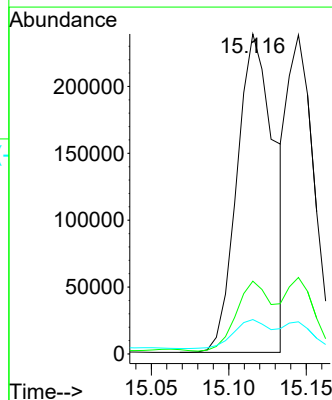
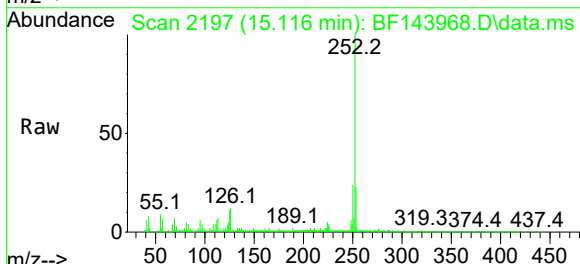
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

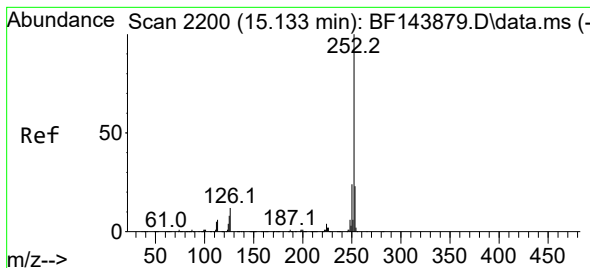
Tgt Ion:276 Resp: 288985
Ion Ratio Lower Upper
276 100
138 24.4 18.2 27.2
277 24.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 22.76 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: 17.48 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

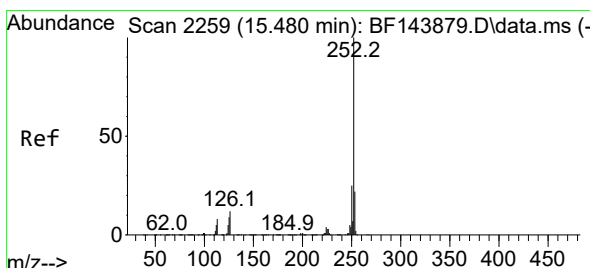
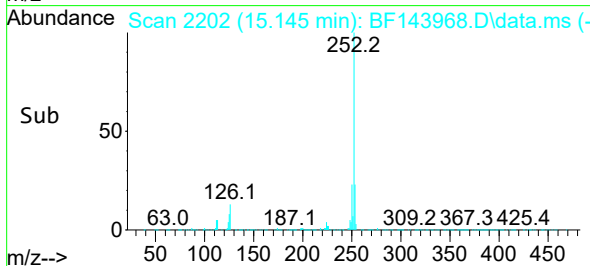
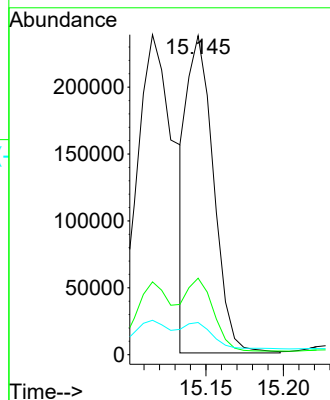
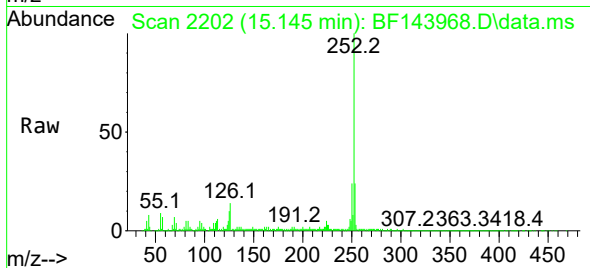
Tgt Ion:252 Resp: 282807

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: 20.46 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

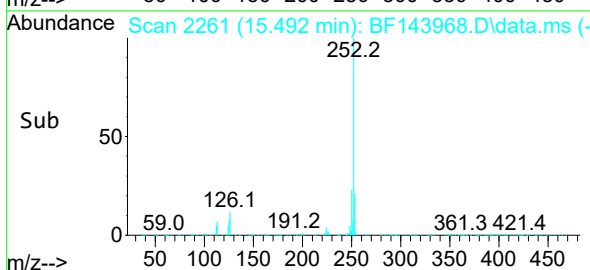
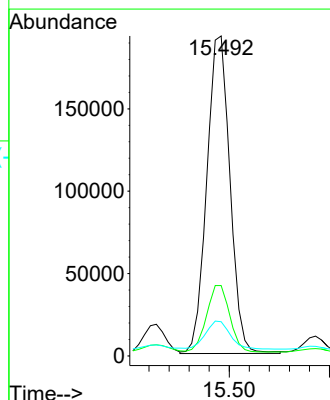
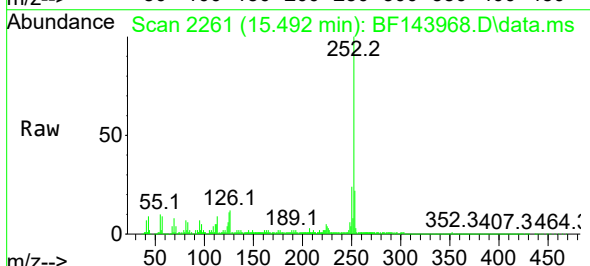
Tgt Ion:252 Resp: 310159

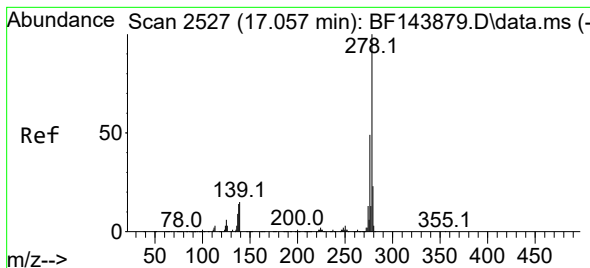
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.7 7.0 10.4#





#91

Dibenzo(a,h)anthracene

Concen: 14.99 ng

RT: 17.074 min Scan# 2

Delta R.T. -0.006 min

Lab File: BF143968.D

Acq: 15 Oct 2025 22:49

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MS

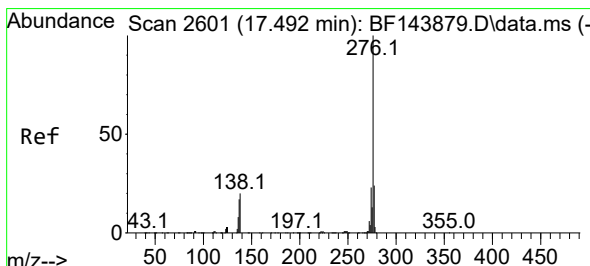
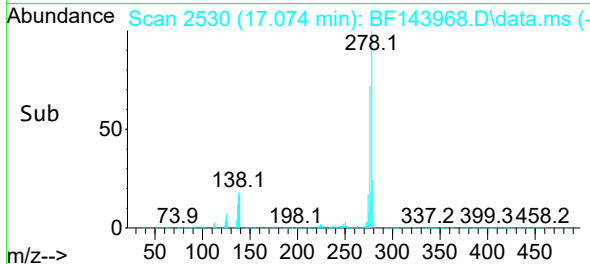
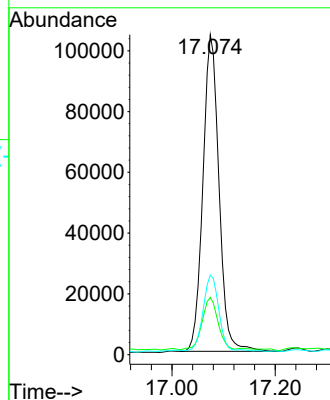
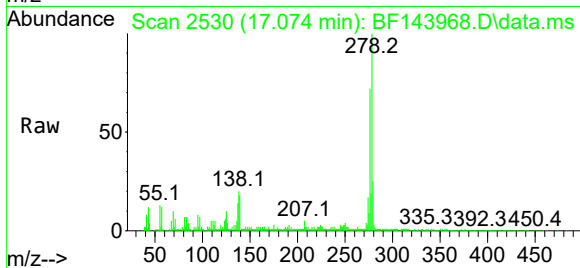
Tgt Ion:278 Resp: 224893

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: 15.68 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

