

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143969.D
 Acq On : 15 Oct 2025 23:18
 Operator : RC/JU
 Sample : Q3337-01MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

Quant Time: Oct 16 11:12:35 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	162049	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	562605	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	257454	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	441424	20.000	ng	0.00
76) Chrysene-d12	14.069	240	330283	20.000	ng	0.00
86) Perylene-d12	15.557	264	265166	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	371164	36.372	ng	0.00
7) Phenol-d6	6.510	99	435903	35.837	ng	0.00
23) Nitrobenzene-d5	7.445	82	244828	26.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	79071	30.835	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	427743	26.363	ng	-0.01
79) Terphenyl-d14	13.004	244	420409	21.754	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.658	88	75229	15.931	ng 97
3) Pyridine	3.428	79	208853	15.193	ng 97
4) n-Nitrosodimethylamine	3.363	42	122471	16.935	ng 90
6) Aniline	6.546	93	172505	9.464	ng 97
8) 2-Chlorophenol	6.669	128	171552	17.198	ng 98
9) Benzaldehyde	6.434	77	101072	10.772	ng 99
10) Phenol	6.522	94	259824	17.867	ng 95
11) bis(2-Chloroethyl)ether	6.616	93	233487	20.785	ng 100
12) 1,3-Dichlorobenzene	6.822	146	208999	17.504	ng 98
13) 1,4-Dichlorobenzene	6.898	146	209614	17.797	ng 99
14) 1,2-Dichlorobenzene	7.051	146	197621	17.517	ng 99
15) Benzyl Alcohol	7.022	79	175802	19.290	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	445555	17.425	ng 100
17) 2-Methylphenol	7.134	107	140720	17.070	ng 98
18) Hexachloroethane	7.398	117	60118	15.305	ng 98
19) n-Nitroso-di-n-propyla...	7.287	70	138324	16.614	ng 99
20) 3+4-Methylphenols	7.287	107	168137	17.598	ng # 62
22) Acetophenone	7.287	105	249193	20.948	ng 98
24) Nitrobenzene	7.463	77	193830	18.848	ng 98
25) Isophorone	7.698	82	345058	17.672	ng 98
26) 2-Nitrophenol	7.781	139	81631	18.515	ng 98
27) 2,4-Dimethylphenol	7.816	122	157743	19.889	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	227016	18.406	ng 99
29) 2,4-Dichlorophenol	8.022	162	140529	17.011	ng 97
30) 1,2,4-Trichlorobenzene	8.104	180	148162	18.236	ng 100
31) Naphthalene	8.187	128	455184	17.786	ng 99
32) Benzoic acid	7.898	122	68983	12.568	ng 95
33) 4-Chloroaniline	8.240	127	103624	10.796	ng 98
34) Hexachlorobutadiene	8.304	225	97396	17.251	ng 98
35) Caprolactam	8.587	113	39704	15.115	ng 98
36) 4-Chloro-3-methylphenol	8.710	107	122801	15.475	ng 99
37) 2-Methylnaphthalene	8.881	142	255463	14.985	ng 95
38) 1-Methylnaphthalene	8.981	142	261011	15.785	ng 98
40) 1,2,4,5-Tetrachloroben...	9.045	216	152533	21.436	ng 99
41) Hexachlorocyclopentadiene	9.034	237	6776	2.295	ng 91
43) 2,4,6-Trichlorophenol	9.157	196	93674	18.017	ng 97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143969.D
 Acq On : 15 Oct 2025 23:18
 Operator : RC/JU
 Sample : Q3337-01MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

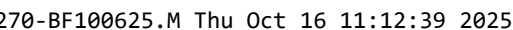
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

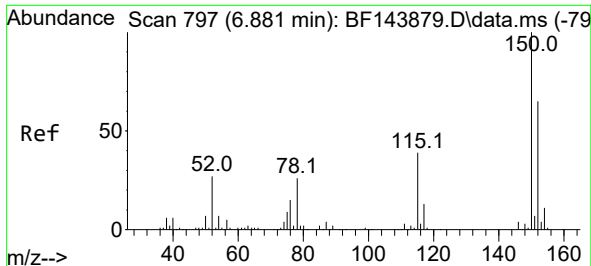
Quant Time: Oct 16 11:12:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	95472	17.377	ng	99
46) 1,1'-Biphenyl	9.345	154	362273	21.253	ng	99
47) 2-Chloronaphthalene	9.369	162	267226	18.803	ng	97
48) 2-Nitroaniline	9.463	65	88022	19.590	ng	96
49) Acenaphthylene	9.786	152	411663	20.604	ng	98
50) Dimethylphthalate	9.639	163	312952	19.142	ng	100
51) 2,6-Dinitrotoluene	9.704	165	59910	19.761	ng	95
52) Acenaphthene	9.957	154	217247	16.594	ng	98
53) 3-Nitroaniline	9.875	138	60651	16.339	ng	98
54) 2,4-Dinitrophenol	9.986	184	6962	10.341	ng	# 84
55) Dibenzofuran	10.128	168	326516	17.668	ng	99
56) 4-Nitrophenol	10.028	139	94945	33.780	ng	99
57) 2,4-Dinitrotoluene	10.110	165	75260	18.245	ng	96
58) Fluorene	10.475	166	260205	18.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	70718	18.183	ng	95
60) Diethylphthalate	10.339	149	278418	18.330	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	131456	17.830	ng	98
62) 4-Nitroaniline	10.486	138	57347	16.065	ng	89
63) Azobenzene	10.622	77	297479	18.740	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	6111	2.755	ng	93
66) n-Nitrosodiphenylamine	10.581	169	254132	18.335	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	81586	16.724	ng	100
68) Hexachlorobenzene	11.022	284	90999	16.112	ng	98
69) Atrazine	11.110	200	78681	18.729	ng	98
70) Pentachlorophenol	11.222	266	102594	31.629	ng	97
71) Phenanthrene	11.439	178	458174	21.410	ng	98
72) Anthracene	11.492	178	418980	19.380	ng	99
73) Carbazole	11.645	167	370085	19.328	ng	99
74) Di-n-butylphthalate	11.975	149	442416	19.936	ng	99
75) Fluoranthene	12.633	202	568395	25.713	ng	99
77) Benzidine	12.757	184	104355	9.099	ng	98
78) Pyrene	12.863	202	570633	20.724	ng	99
80) Butylbenzylphthalate	13.480	149	196439	21.967	ng	100
81) Benzo(a)anthracene	14.057	228	414340	19.170	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	109919	16.688	ng	# 98
83) Chrysene	14.092	228	387944	19.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	384008	35.623	ng	98
85) Di-n-octyl phthalate	14.657	149	388944	21.968	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	271819	16.729	ng	99
88) Benzo(b)fluoranthene	15.116	252	323935	21.267	ng	97
89) Benzo(k)fluoranthene	15.116	252	323935	22.983	ng	97
90) Benzo(a)pyrene	15.492	252	262899	19.905	ng	# 96
91) Dibenzo(a,h)anthracene	17.080	278	204851	15.676	ng	97
92) Benzo(g,h,i)perylene	17.515	276	215573	16.497	ng	96

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

Quant Time: Oct 16 11:12:35 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

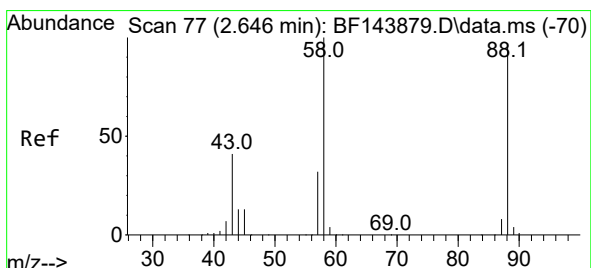
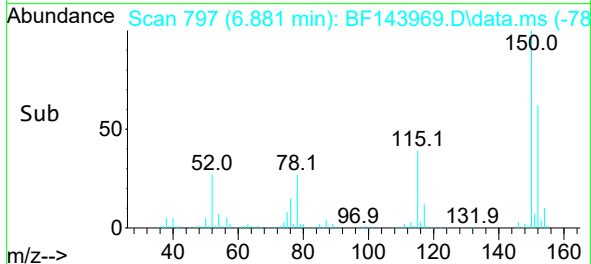
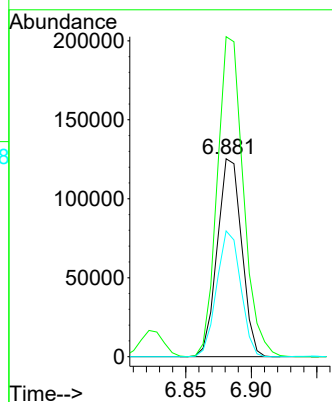
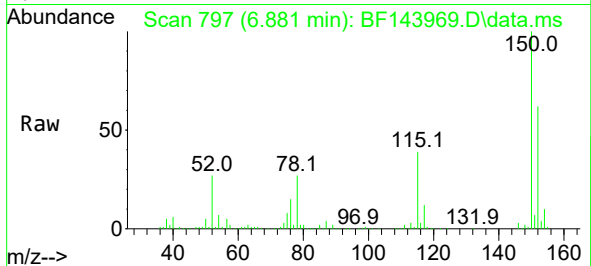




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

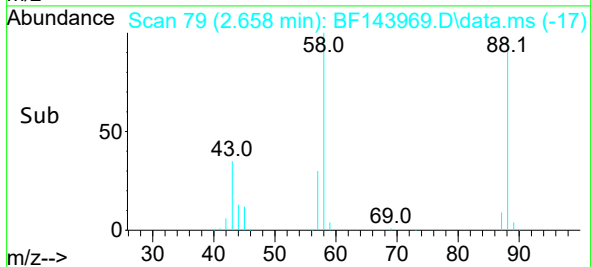
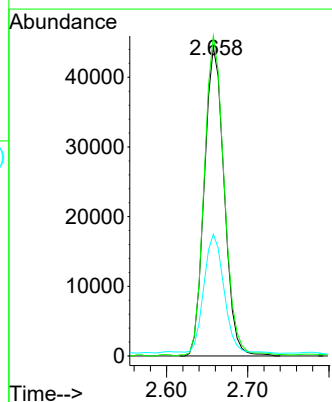
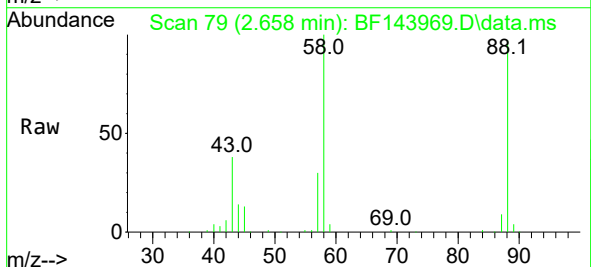
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

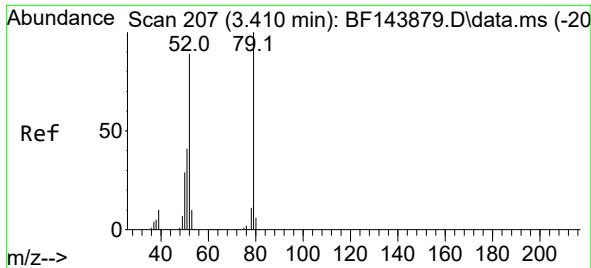
Tgt Ion:152 Resp: 162049
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.4 186.6
 115 63.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 15.931 ng
 RT: 2.658 min Scan# 79
 Delta R.T. 0.012 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

Tgt Ion: 88 Resp: 75229
 Ion Ratio Lower Upper
 88 100
 58 104.7 83.0 124.6
 43 37.7 33.9 50.9





#3

Pyridine

Concen: 15.193 ng

RT: 3.428 min Scan# 210

Delta R.T. 0.012 min

Lab File: BF143969.D

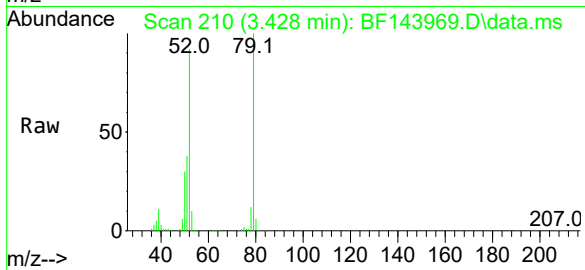
Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD



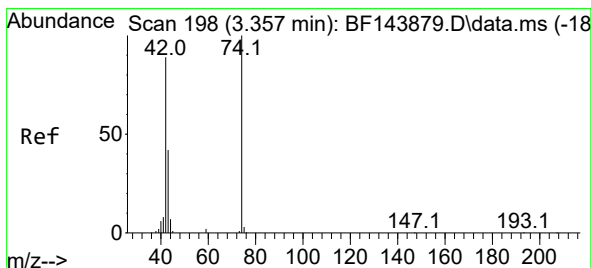
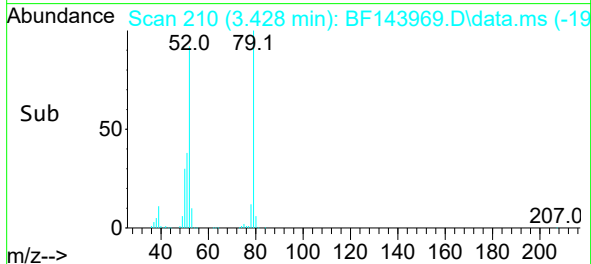
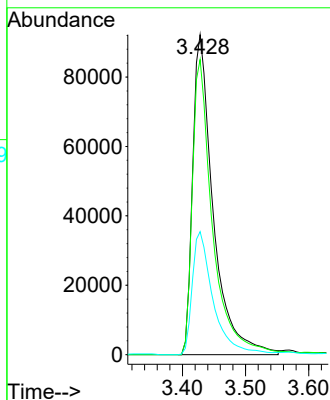
Tgt Ion: 79 Resp: 208853

Ion Ratio Lower Upper

79 100

52 92.3 71.5 107.3

51 38.4 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 16.935 ng

RT: 3.363 min Scan# 199

Delta R.T. -0.023 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

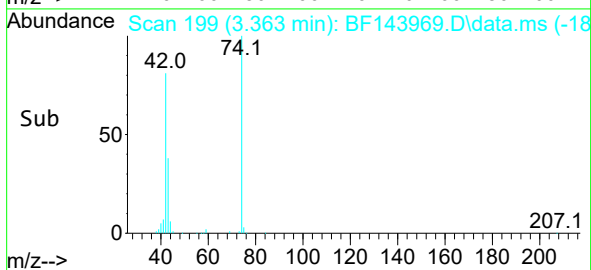
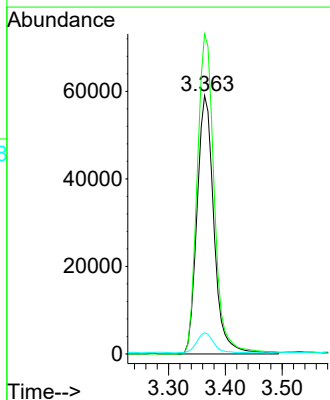
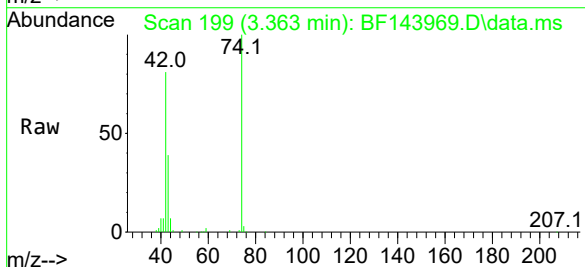
Tgt Ion: 42 Resp: 122471

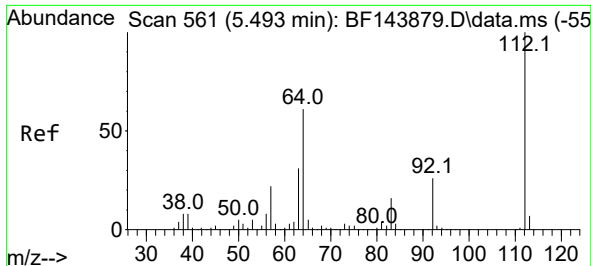
Ion Ratio Lower Upper

42 100

74 123.8 90.0 135.0

44 8.2 6.2 9.2

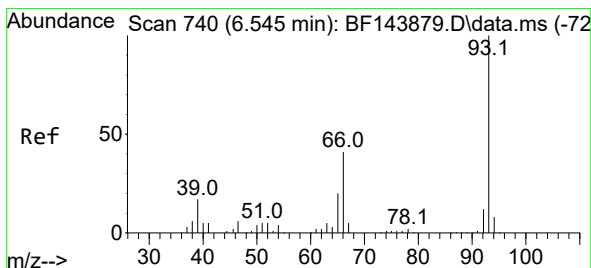
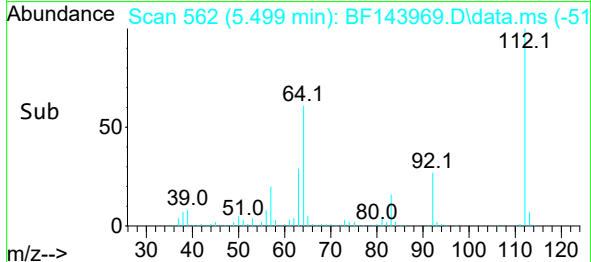
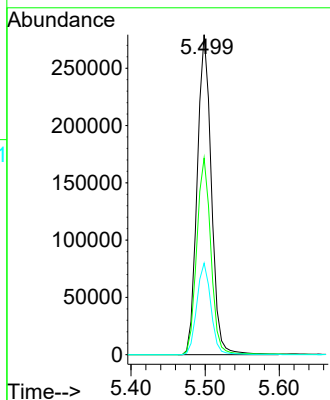
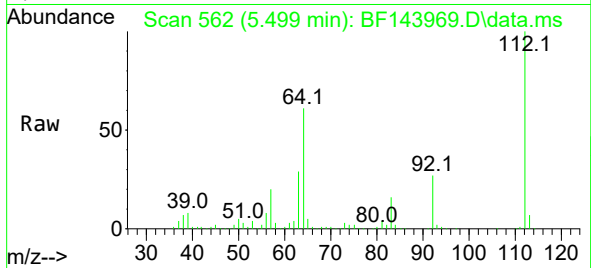




#5
2-Fluorophenol
Concen: 36.372 ng
RT: 5.499 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

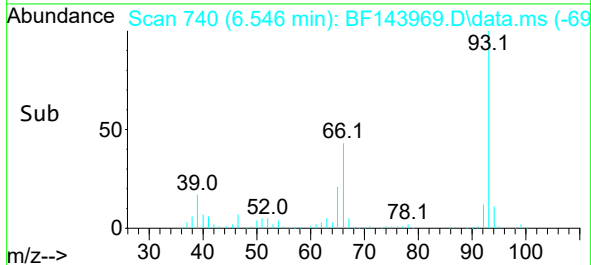
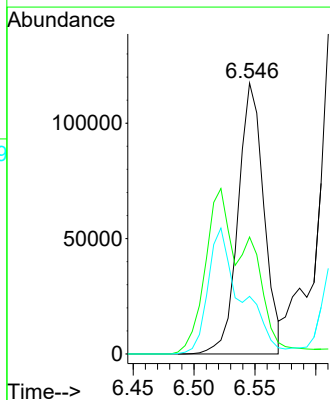
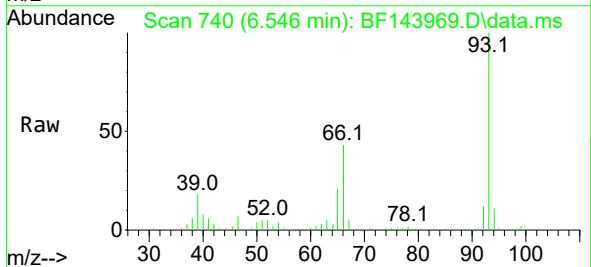
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

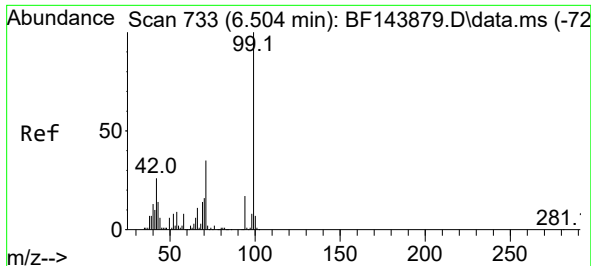
Tgt Ion:112 Resp: 371164
Ion Ratio Lower Upper
112 100
64 61.5 49.1 73.7
63 28.6 24.5 36.7



#6
Aniline
Concen: 9.464 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion: 93 Resp: 172505
Ion Ratio Lower Upper
93 100
66 43.2 33.0 49.6
65 21.3 15.8 23.8

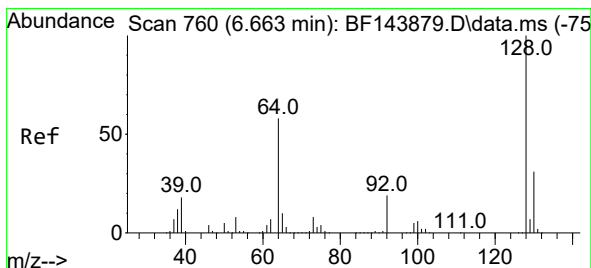
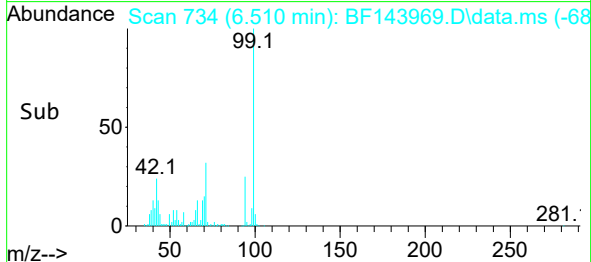
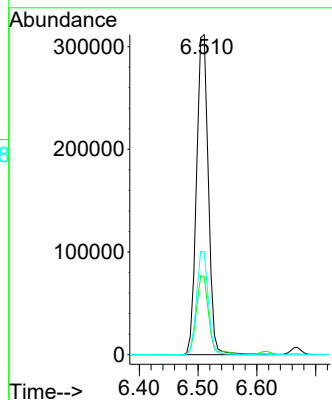
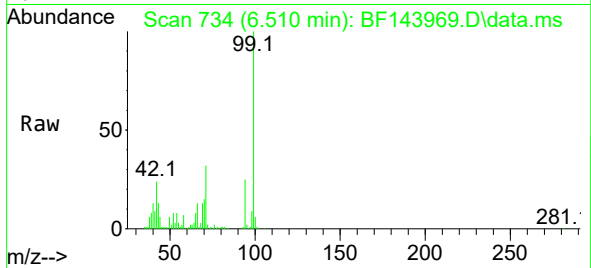




#7
Phenol-d6
Concen: 35.837 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

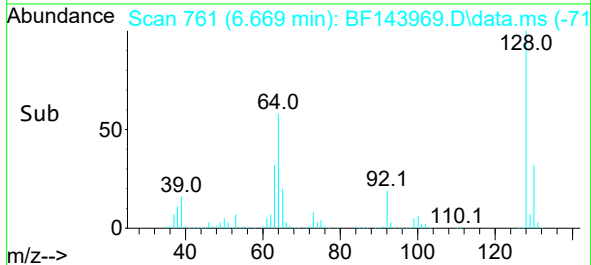
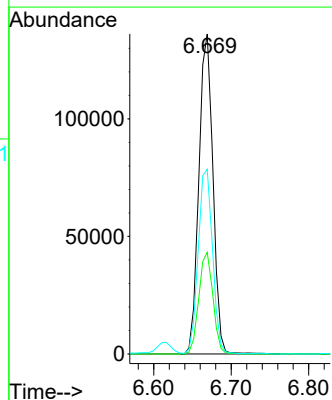
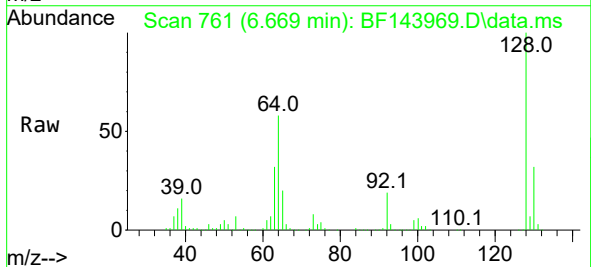
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

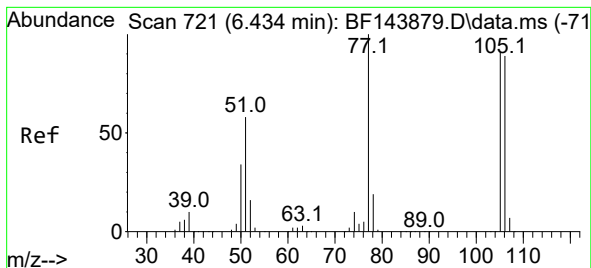
Tgt Ion: 99 Resp: 435903
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.1 27.8 41.8



#8
2-Chlorophenol
Concen: 17.198 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:128 Resp: 171552
Ion Ratio Lower Upper
128 100
130 31.8 10.7 50.7
64 57.7 39.0 79.0





#9

Benzaldehyde

Concen: 10.772 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

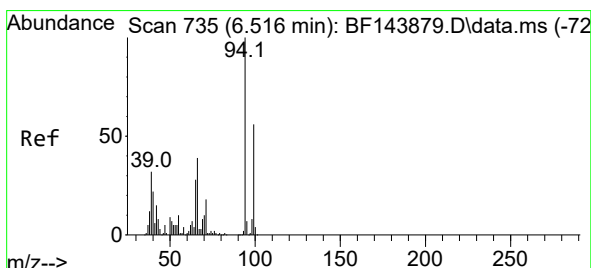
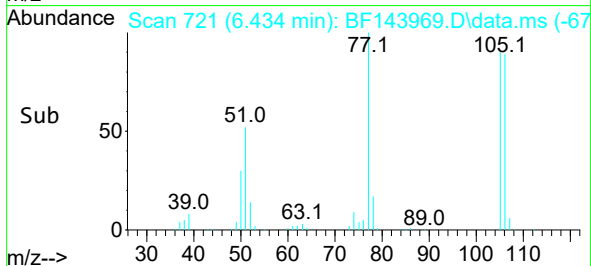
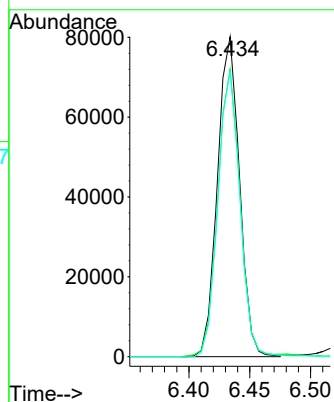
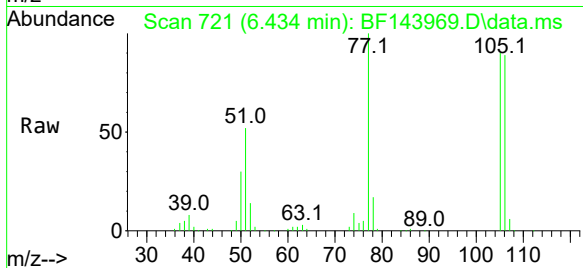
Tgt Ion: 77 Resp: 101072

Ion Ratio Lower Upper

77 100

105 90.0 70.9 110.9

106 89.1 68.9 108.9



#10

Phenol

Concen: 17.867 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

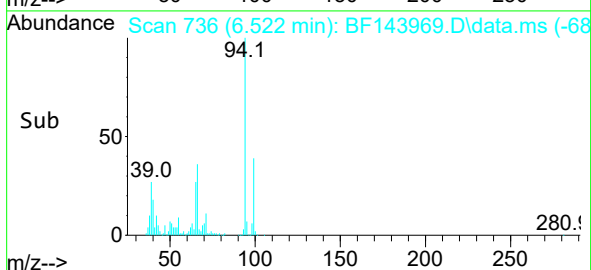
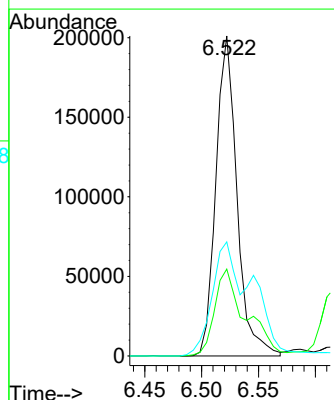
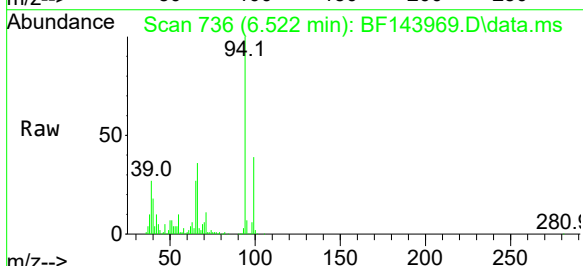
Tgt Ion: 94 Resp: 259824

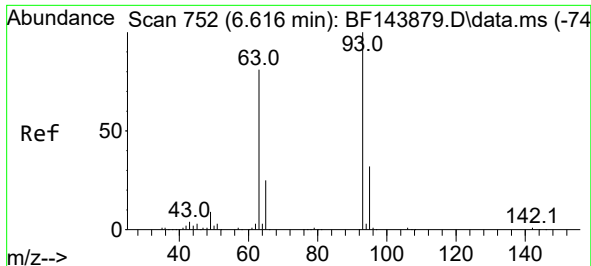
Ion Ratio Lower Upper

94 100

65 27.1 8.5 48.5

66 35.7 19.9 59.9



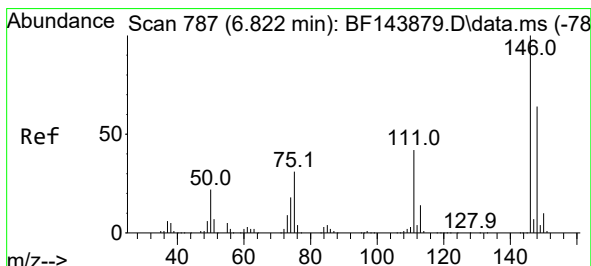
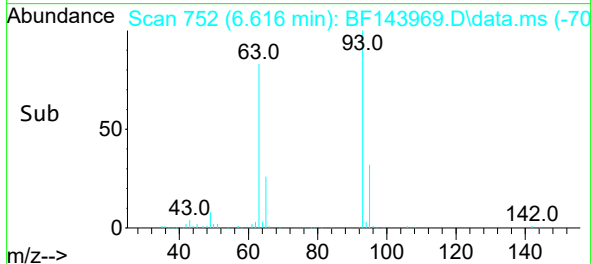
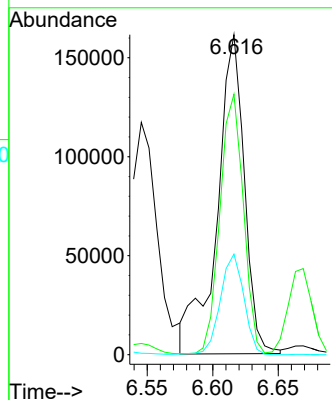
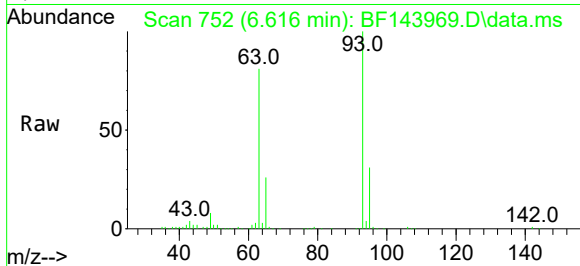


#11
bis(2-Chloroethyl)ether
Concen: 20.785 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Tgt Ion: 93 Resp: 233487

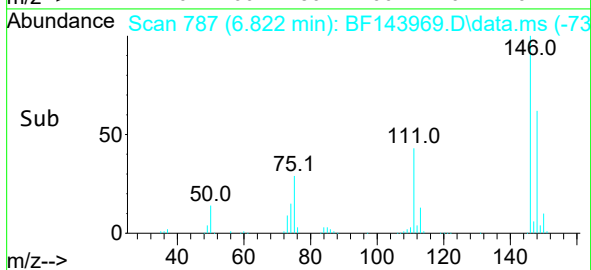
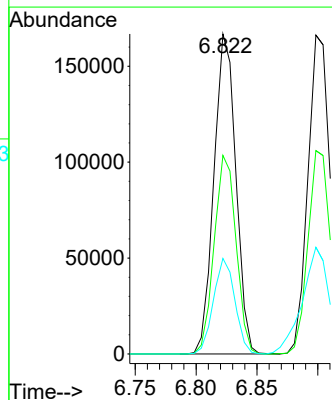
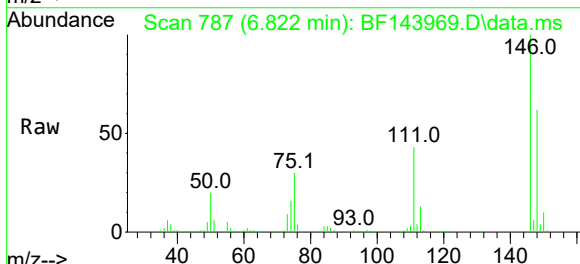
Ion	Ratio	Lower	Upper
93	100		
63	81.4	60.9	100.9
95	31.5	11.5	51.5

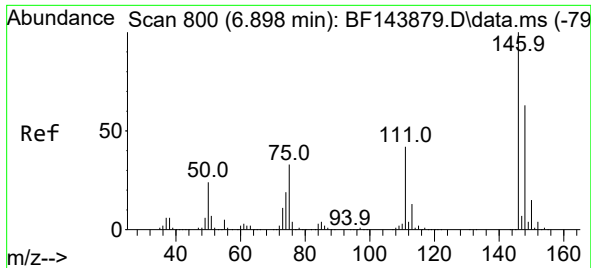


#12
1,3-Dichlorobenzene
Concen: 17.504 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion: 146 Resp: 208999

Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.0	76.4
75	29.9	24.9	37.3

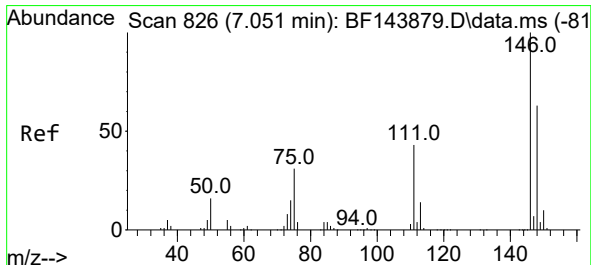
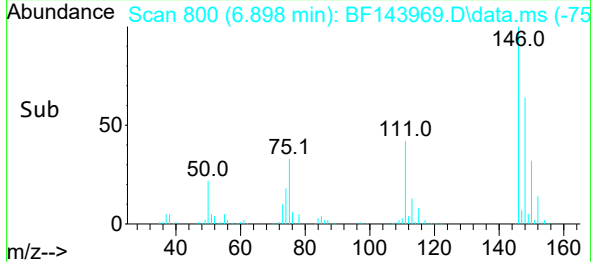
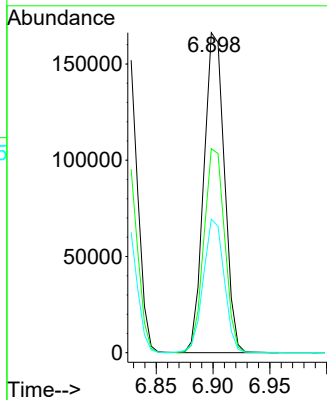
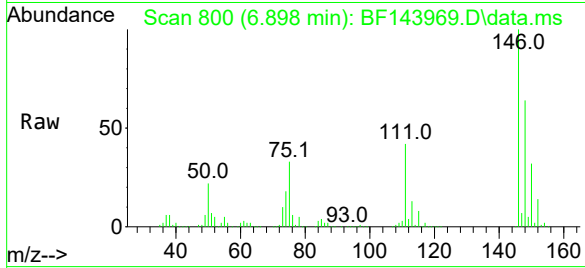




#13
1,4-Dichlorobenzene
Concen: 17.797 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

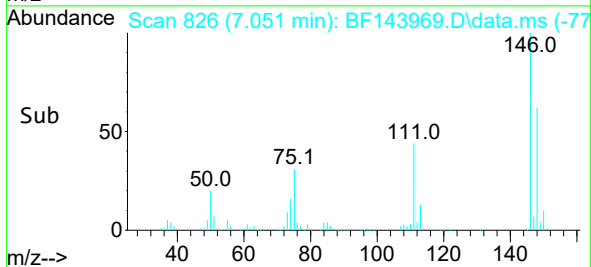
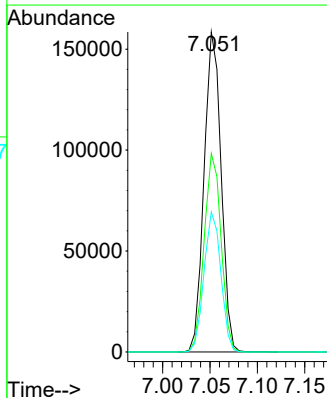
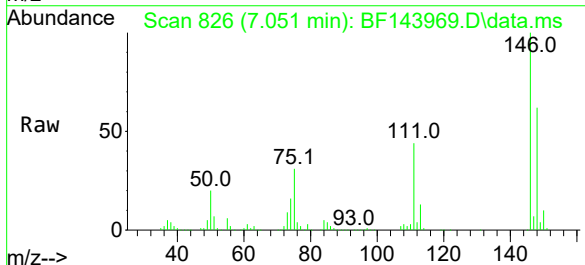
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

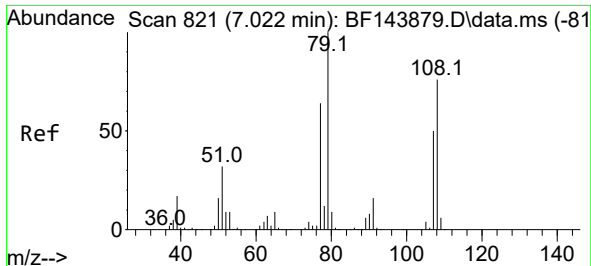
Tgt Ion:146 Resp: 209614
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 41.8 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 17.517 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:146 Resp: 197621
Ion Ratio Lower Upper
146 100
148 62.0 50.6 75.8
111 43.8 34.6 51.8

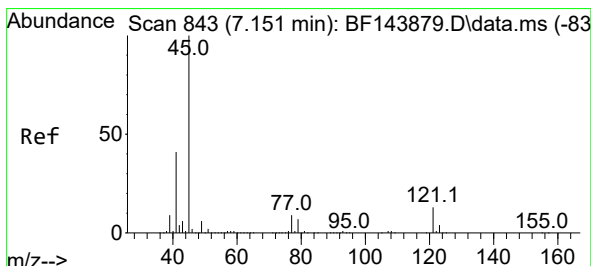
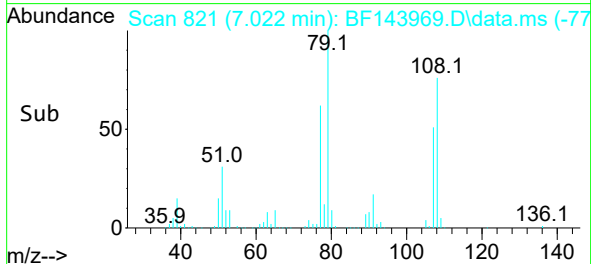
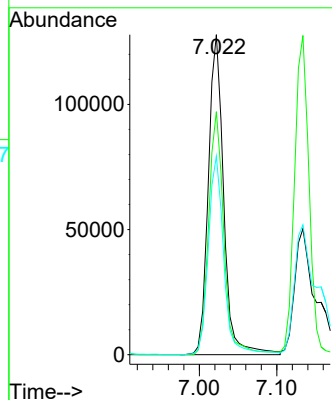
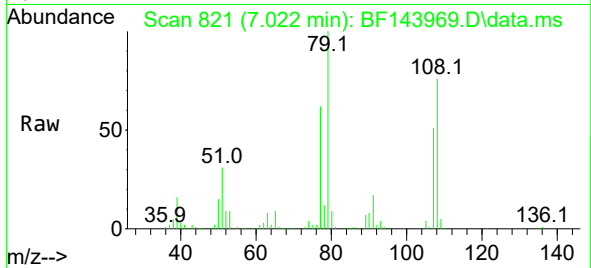




#15
Benzyl Alcohol
Concen: 19.290 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

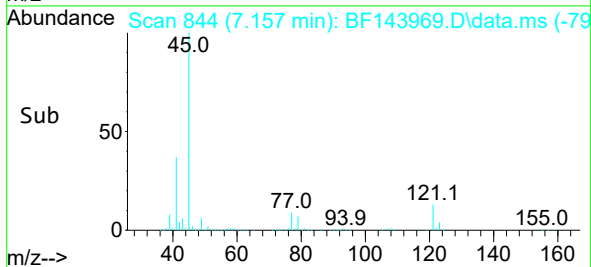
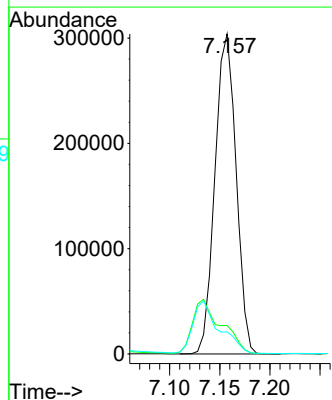
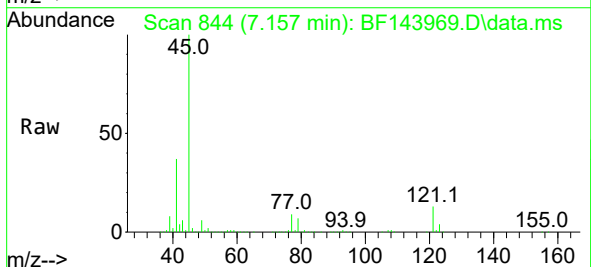
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

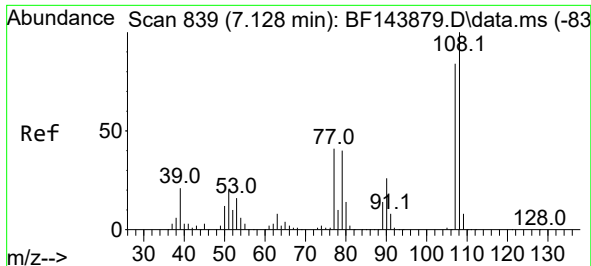
Tgt Ion: 79 Resp: 175802
Ion Ratio Lower Upper
79 100
108 75.9 60.8 91.2
77 62.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 17.425 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion: 45 Resp: 445555
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 6.9 0.0 26.8

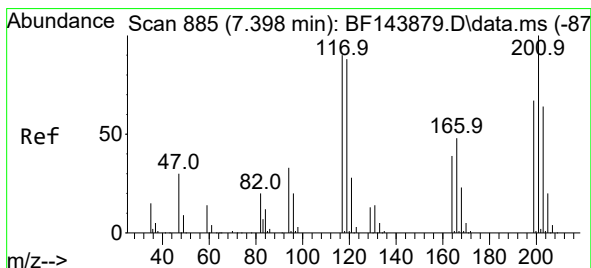
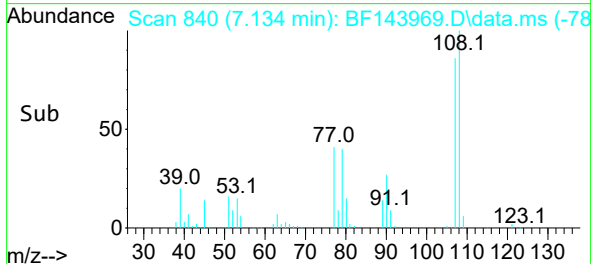
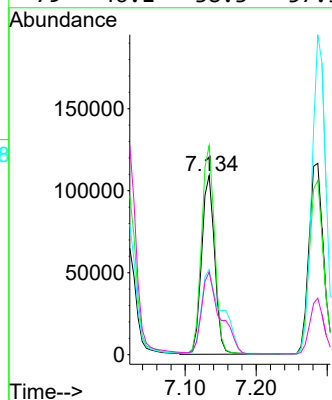
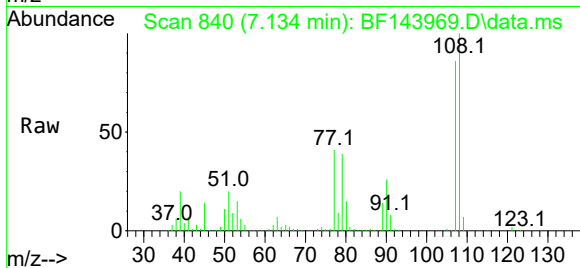




#17
2-Methylphenol
Concen: 17.070 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

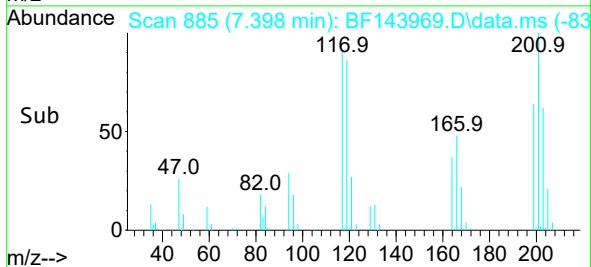
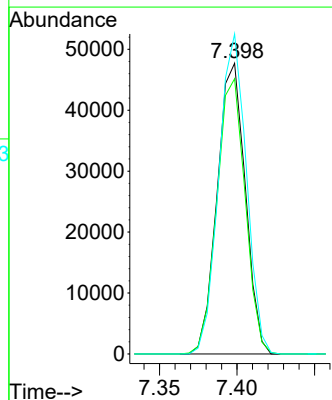
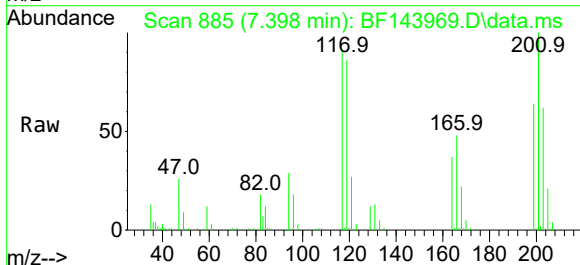
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

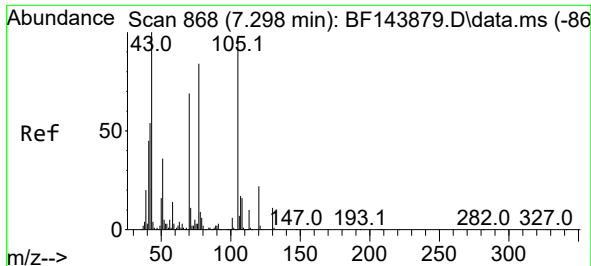
Tgt Ion:	107	Resp:	140720
Ion	Ratio	Lower	Upper
107	100		
108	116.7	94.7	142.1
77	47.5	38.8	58.2
79	46.1	38.3	57.5



#18
Hexachloroethane
Concen: 15.305 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:	117	Resp:	60118
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	110.1	88.5	132.7

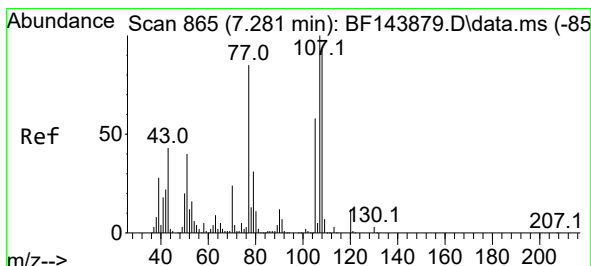
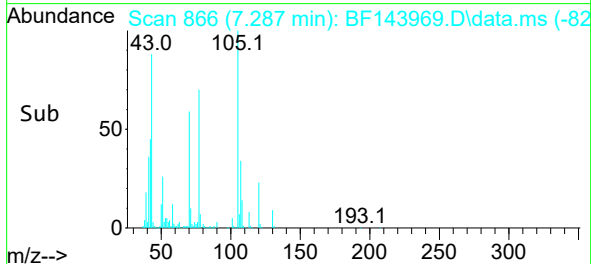
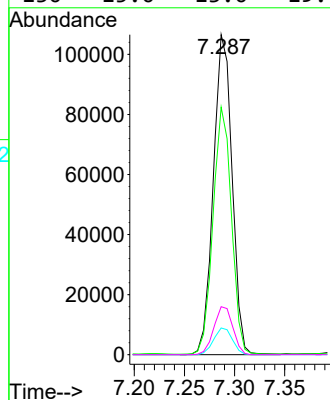
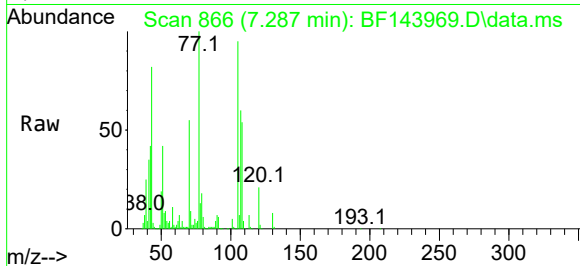




#19
n-Nitroso-di-n-propylamine
Concen: 16.614 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

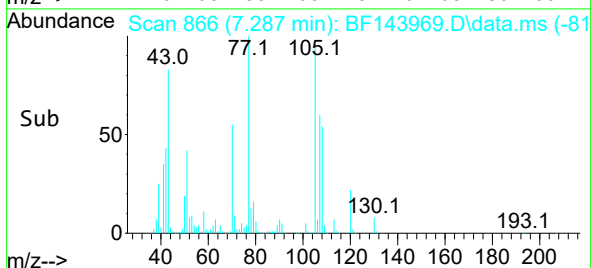
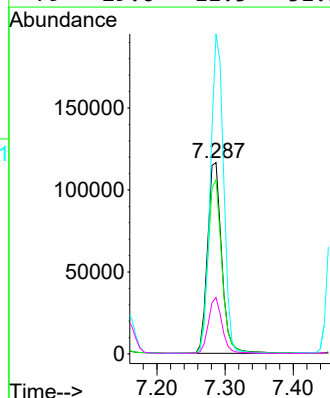
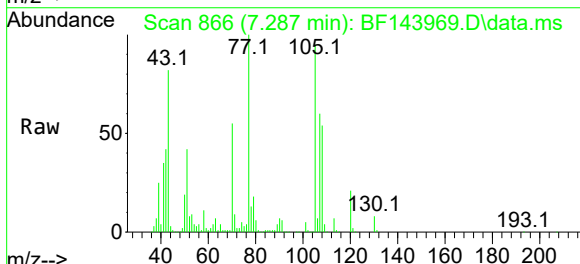
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

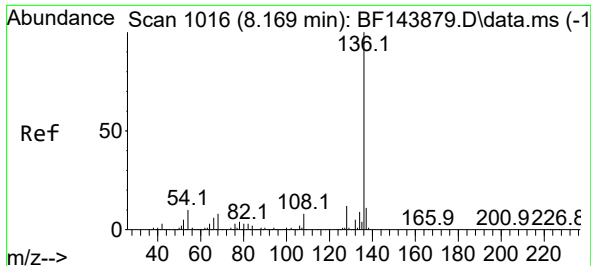
Tgt Ion: 70 Resp: 138324
Ion Ratio Lower Upper
70 100
42 77.4 62.8 94.2
101 8.3 6.7 10.1
130 15.0 13.0 19.4



#20
3+4-Methylphenols
Concen: 17.598 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:107 Resp: 168137
Ion Ratio Lower Upper
107 100
108 91.0 73.0 113.0
77 167.3 64.6 104.6#
79 29.6 11.5 51.5

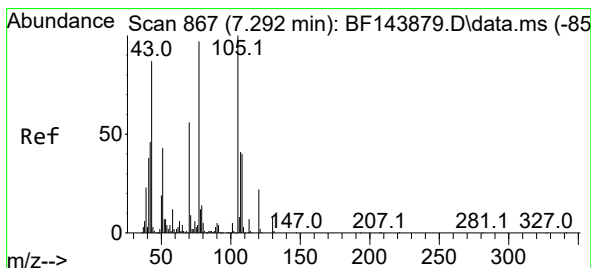
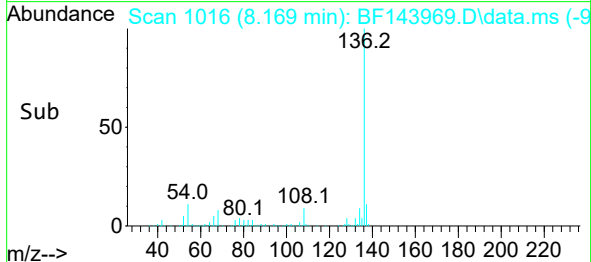
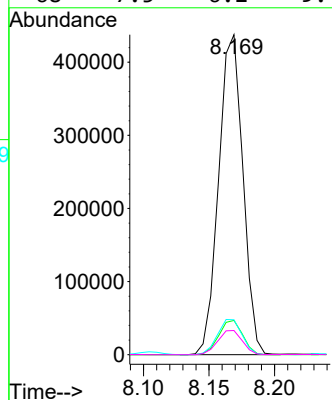
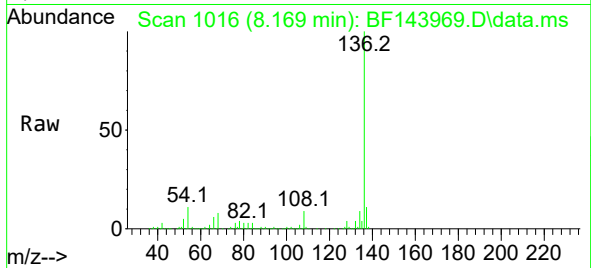




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

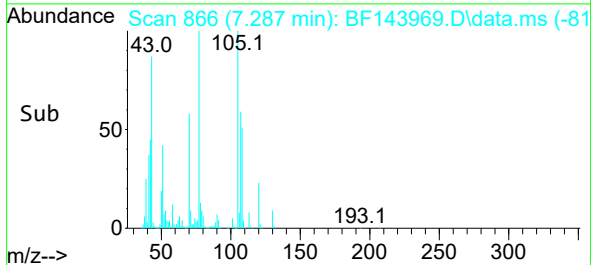
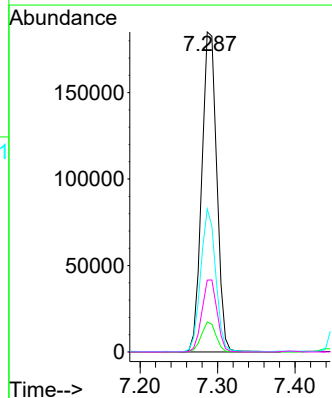
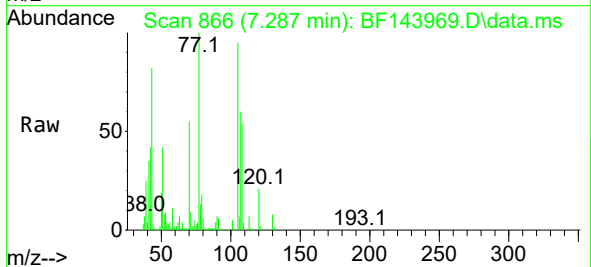
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

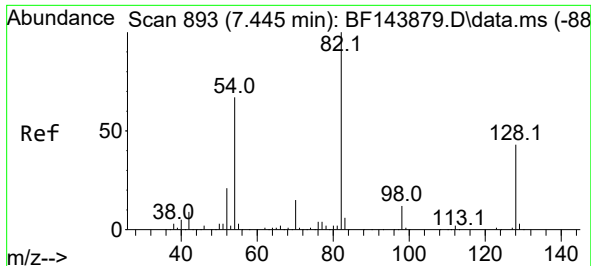
Tgt Ion:	136	Resp:	562605
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	10.9	8.2	12.4
68	7.5	6.2	9.4



#22
Acetophenone
Concen: 20.948 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:	105	Resp:	249193
Ion Ratio	Lower	Upper	
105	100		
71	9.3	7.4	11.0
51	44.7	34.2	51.4
120	22.5	17.7	26.5





#23

Nitrobenzene-d5

Concen: 26.439 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

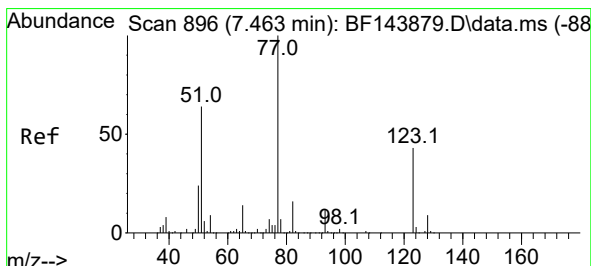
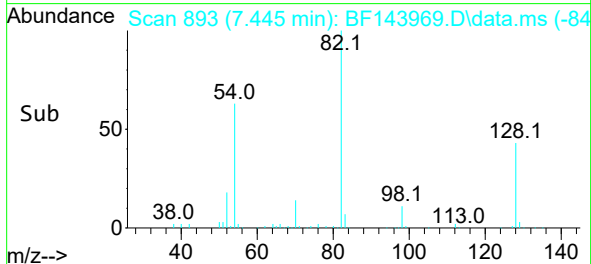
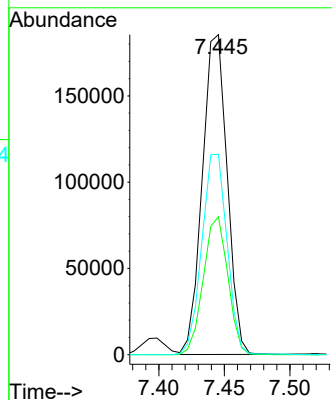
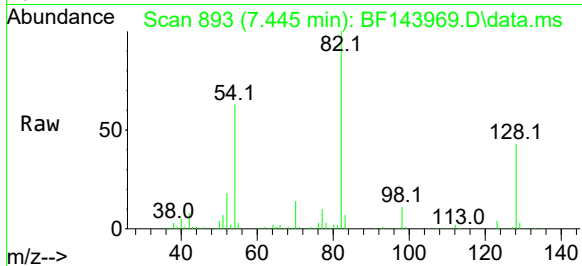
Tgt Ion: 82 Resp: 244828

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

54 62.7 53.2 79.8



#24

Nitrobenzene

Concen: 18.848 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

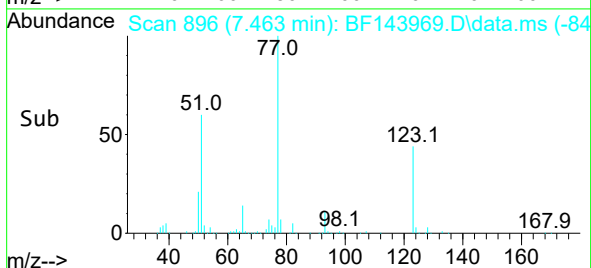
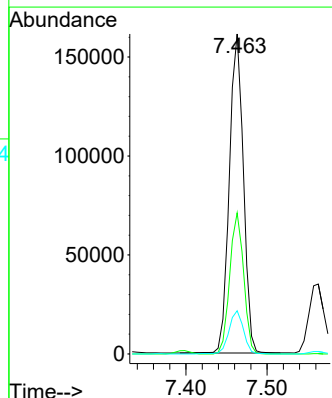
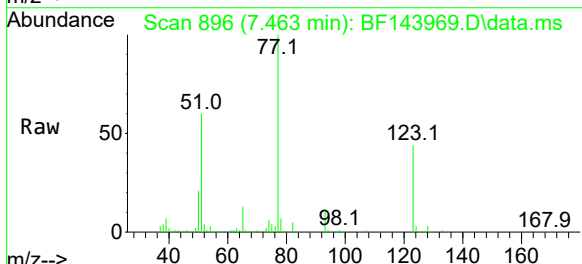
Tgt Ion: 77 Resp: 193830

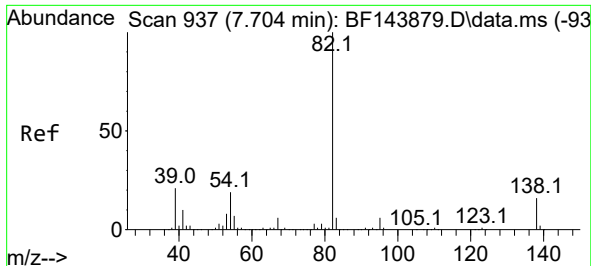
Ion Ratio Lower Upper

77 100

123 44.1 34.2 51.4

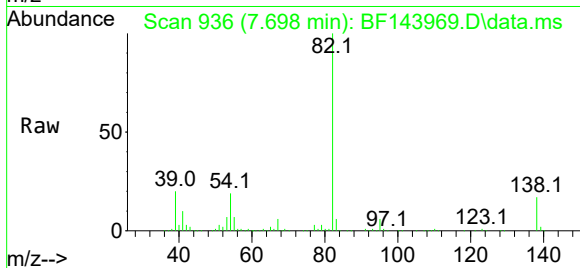
65 13.5 11.0 16.6



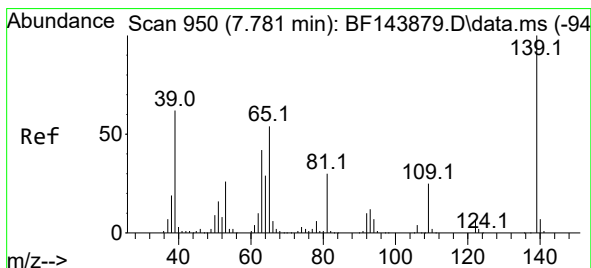
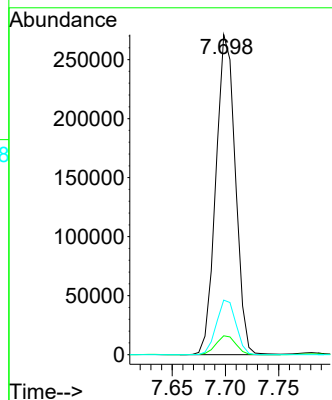
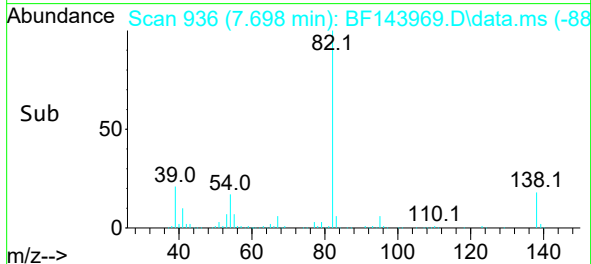


#25
Isophorone
Concen: 17.672 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

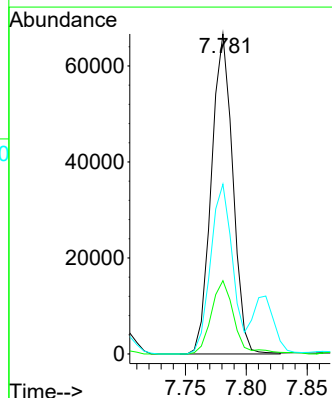
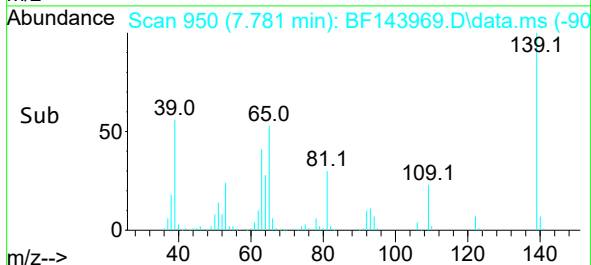
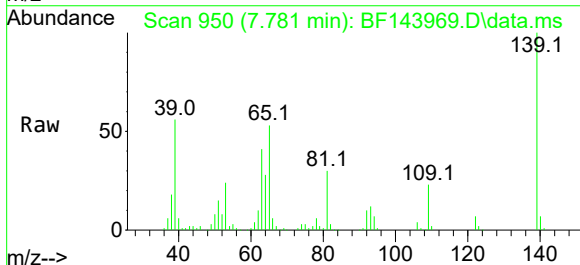


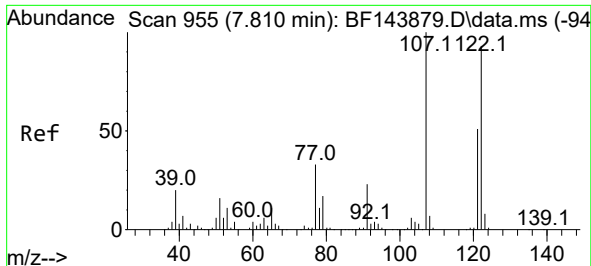
Tgt Ion: 82 Resp: 345058
Ion Ratio Lower Upper
82 100
95 5.9 5.1 7.7
138 17.1 12.9 19.3



#26
2-Nitrophenol
Concen: 18.515 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion: 139 Resp: 81631
Ion Ratio Lower Upper
139 100
109 22.9 19.8 29.6
65 53.0 42.9 64.3

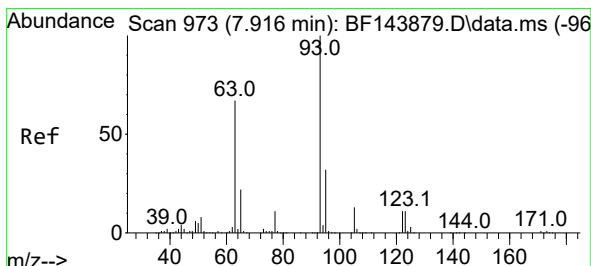
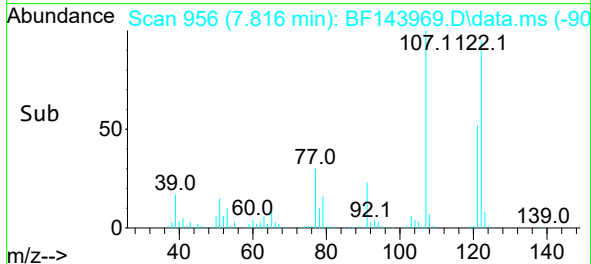
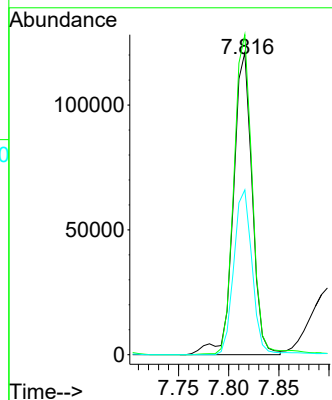
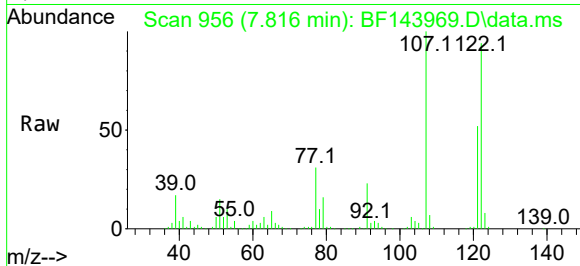




#27
2,4-Dimethylphenol
Concen: 19.889 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

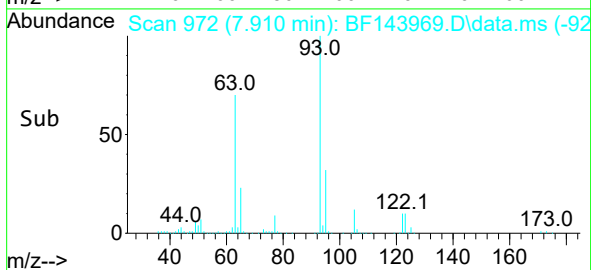
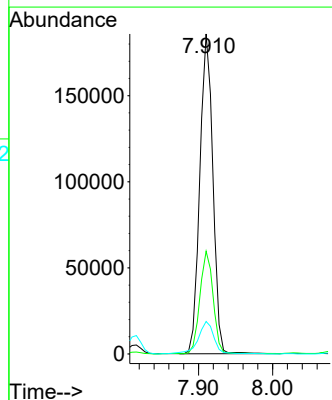
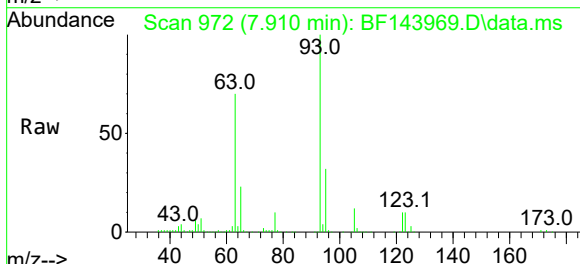
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

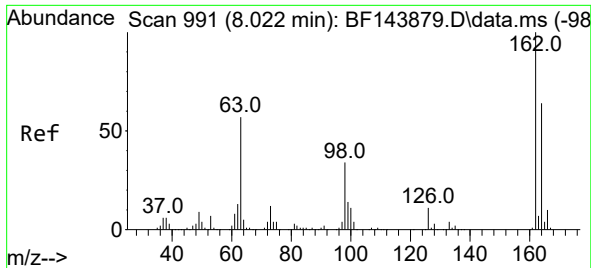
Tgt Ion:122 Resp: 157743
Ion Ratio Lower Upper
122 100
107 105.9 86.1 129.1
121 54.5 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 18.406 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion: 93 Resp: 227016
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 10.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 17.011 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143969.D

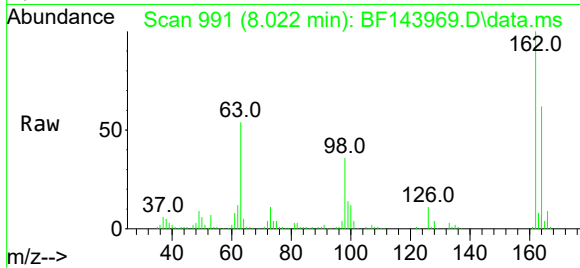
Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD



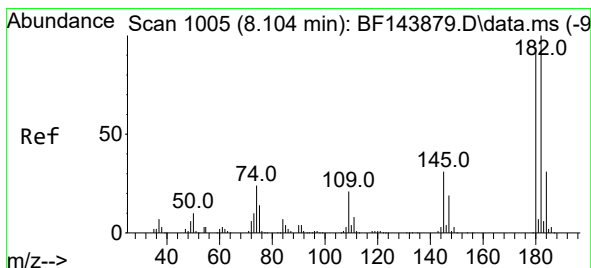
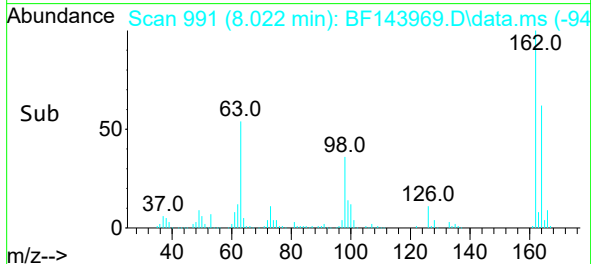
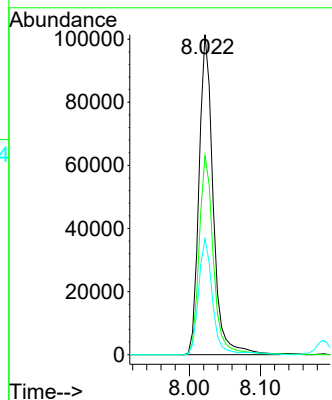
Tgt Ion:162 Resp: 140529

Ion Ratio Lower Upper

162 100

164 62.1 43.9 83.9

98 36.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 18.236 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

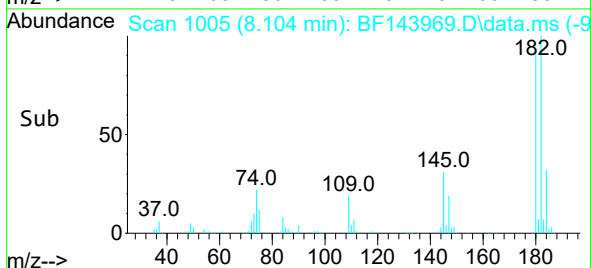
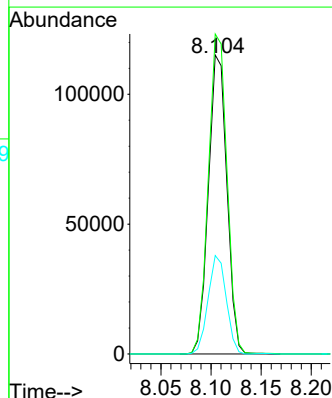
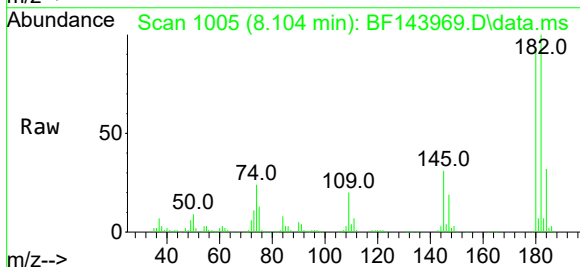
Tgt Ion:180 Resp: 148162

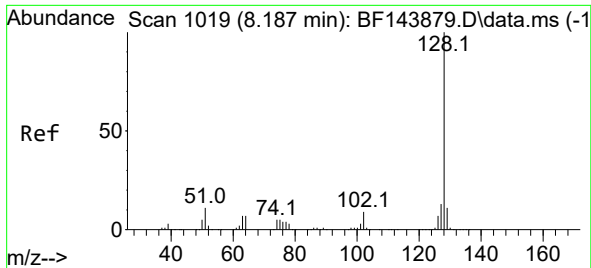
Ion Ratio Lower Upper

180 100

182 107.0 85.4 128.0

145 32.9 26.3 39.5

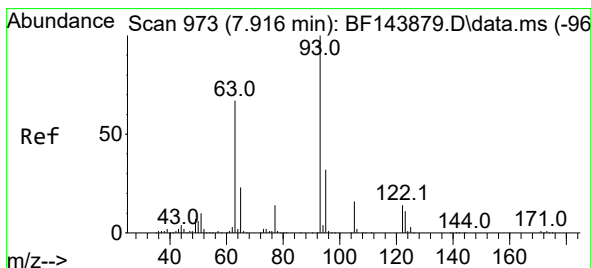
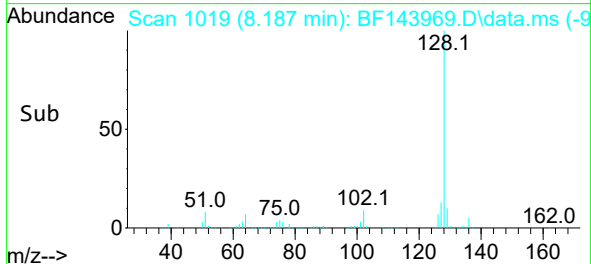
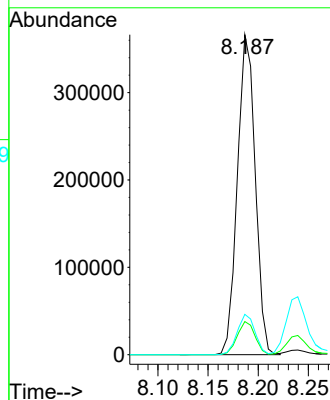
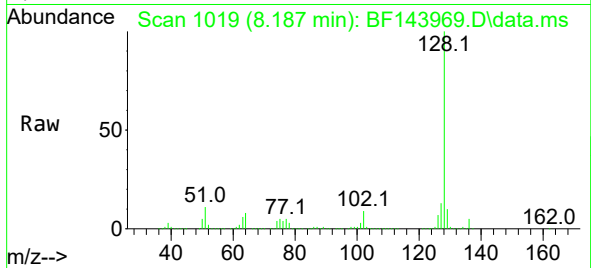




#31
Naphthalene
Concen: 17.786 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

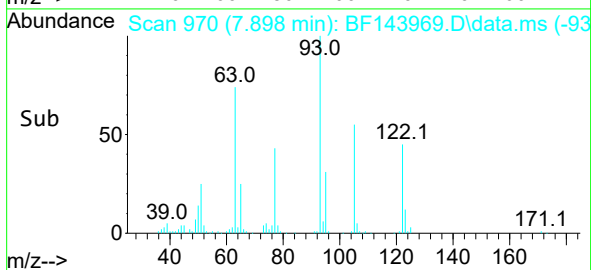
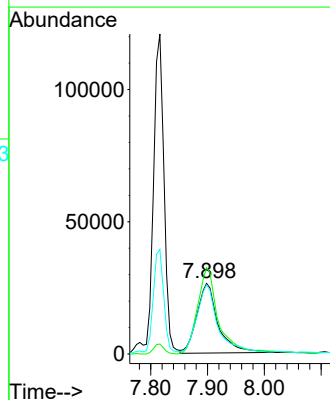
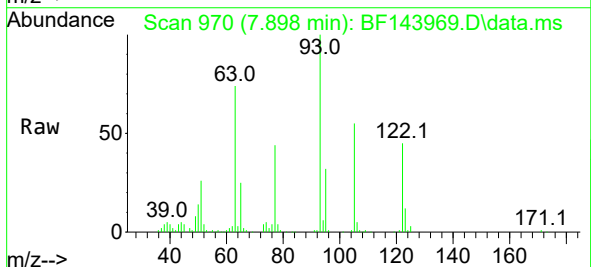
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

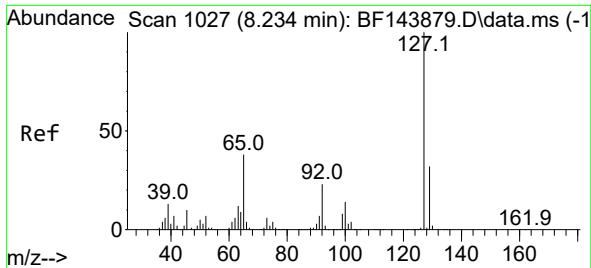
Tgt Ion:128 Resp: 455184
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.6 10.0 15.0



#32
Benzoic acid
Concen: 12.568 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.064 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:122 Resp: 68983
Ion Ratio Lower Upper
122 100
105 122.1 93.5 133.5
77 97.9 76.3 116.3

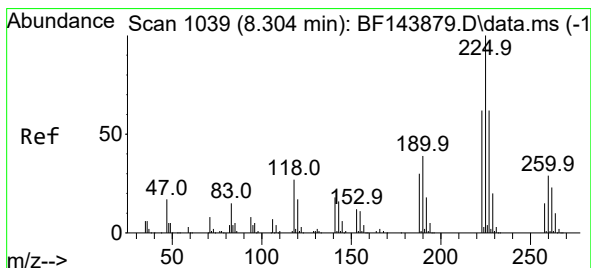
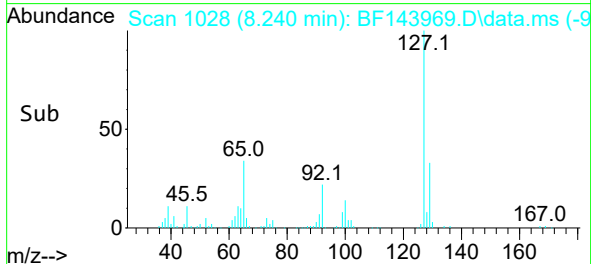
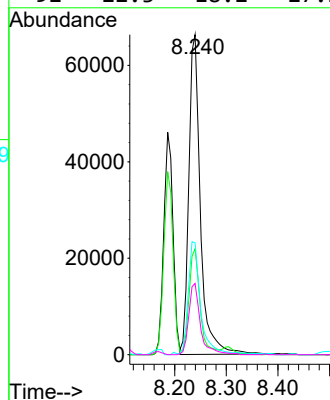
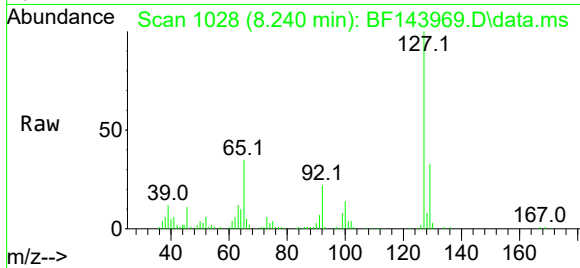




#33
4-Chloroaniline
Concen: 10.796 ng
RT: 8.240 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

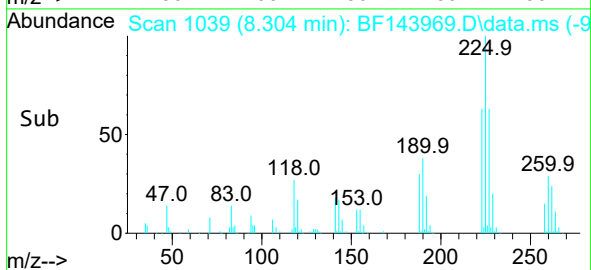
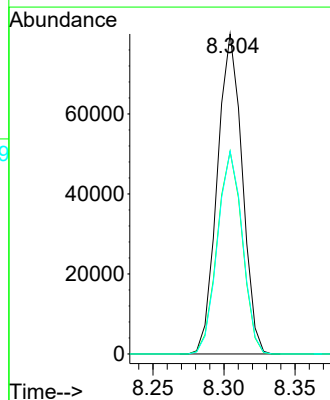
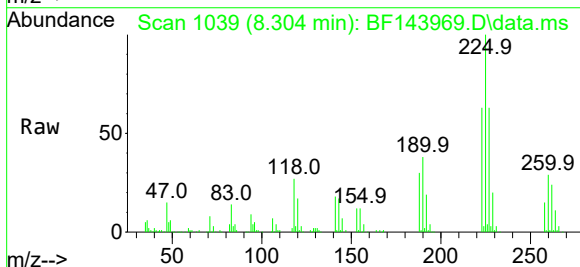
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

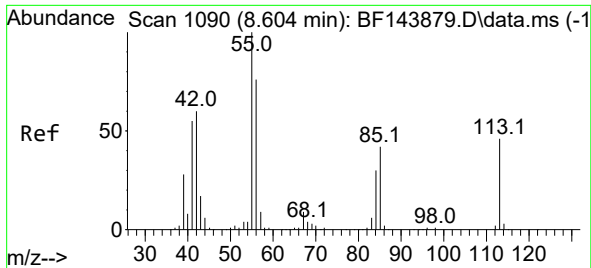
Tgt Ion:	127	Resp:	103624
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.8	38.8
65	35.0	30.0	45.0
92	22.3	18.2	27.2



#34
Hexachlorobutadiene
Concen: 17.251 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:	225	Resp:	97396
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.4	74.2
227	63.4	49.7	74.5

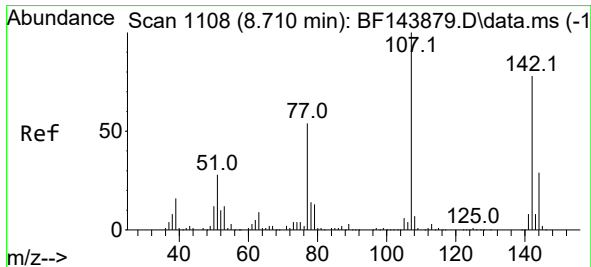
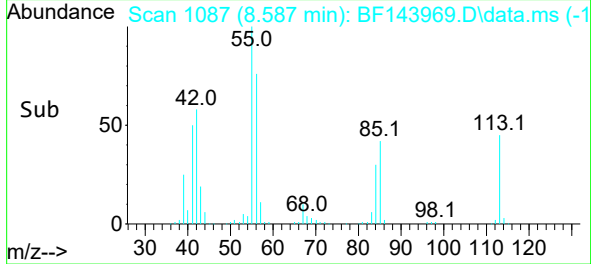
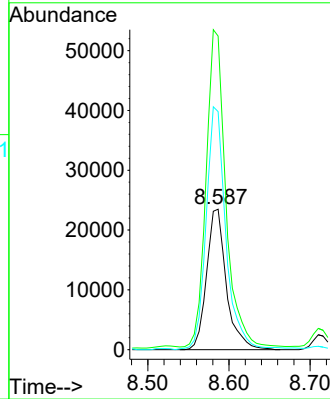
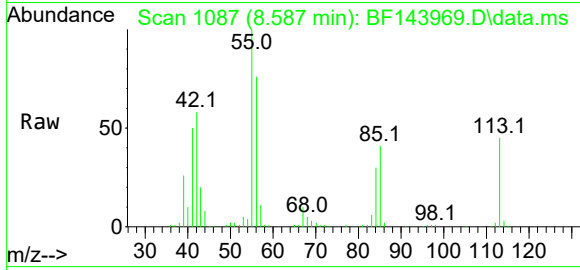




#35
 Caprolactam
 Concen: 15.115 ng
 RT: 8.587 min Scan# 1090
 Delta R.T. -0.059 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

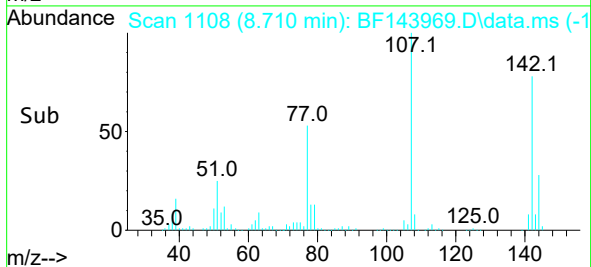
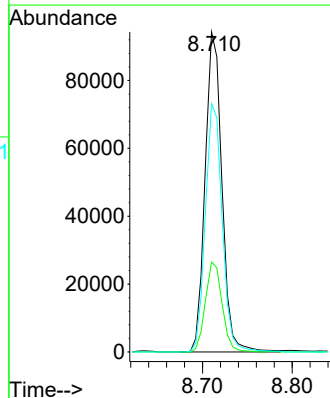
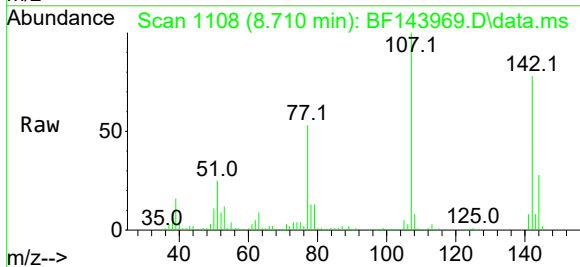
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

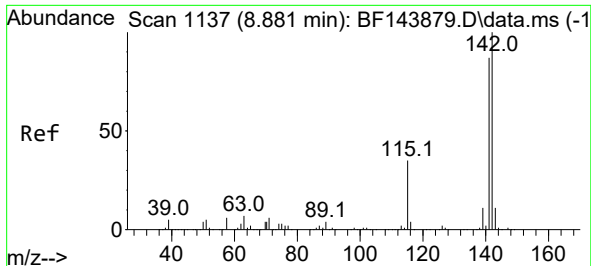
Tgt Ion:	113	Resp:	39704
Ion	Ratio	Lower	Upper
113	100		
55	223.2	199.6	239.6
56	169.4	146.0	186.0



#36
 4-Chloro-3-methylphenol
 Concen: 15.475 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

Tgt Ion:	107	Resp:	122801
Ion	Ratio	Lower	Upper
107	100		
144	28.1	23.1	34.7
142	77.6	62.6	94.0

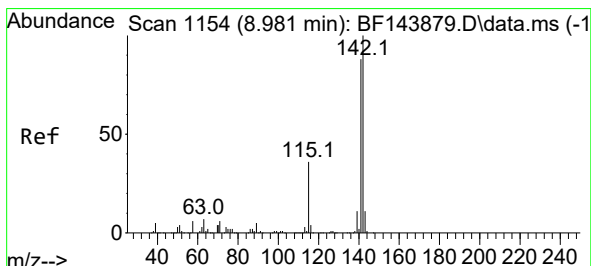
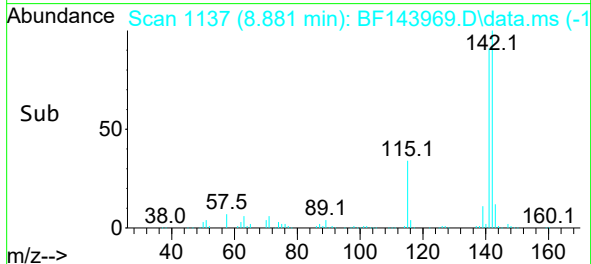
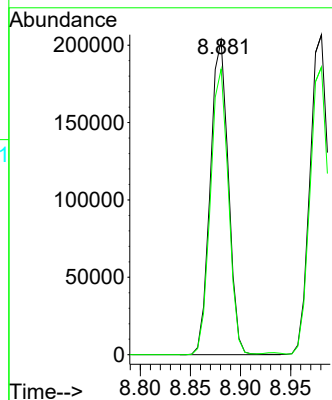
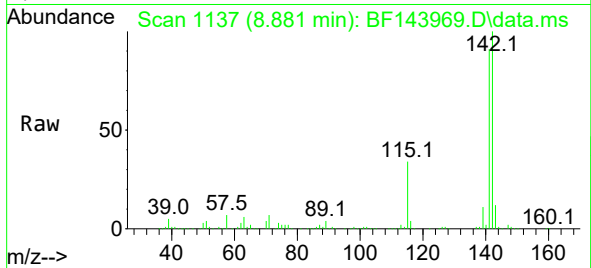




#37
2-Methylnaphthalene
Concen: 14.985 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

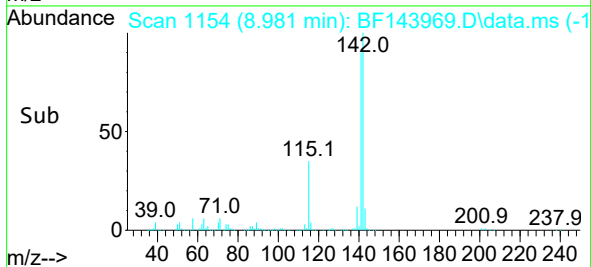
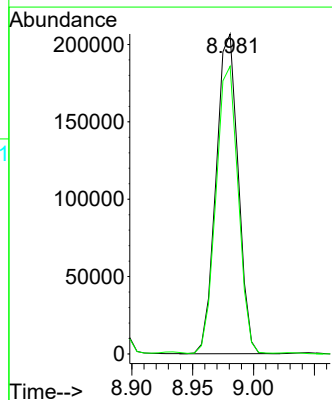
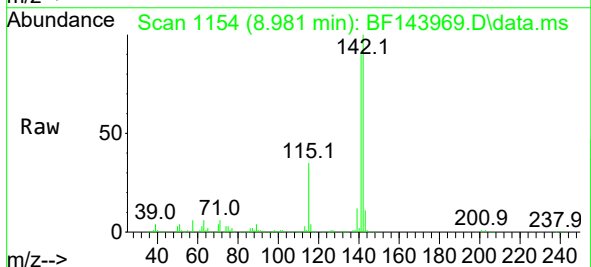
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

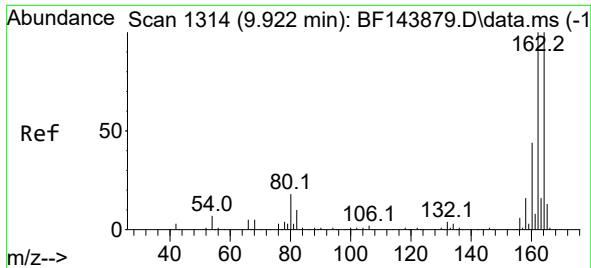
Tgt Ion:142 Resp: 255463
Ion Ratio Lower Upper
142 100
141 91.0 69.2 103.8



#38
1-Methylnaphthalene
Concen: 15.785 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:142 Resp: 261011
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2

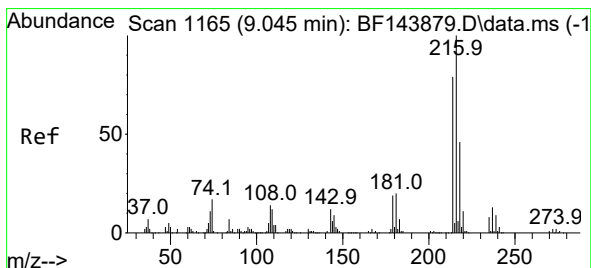
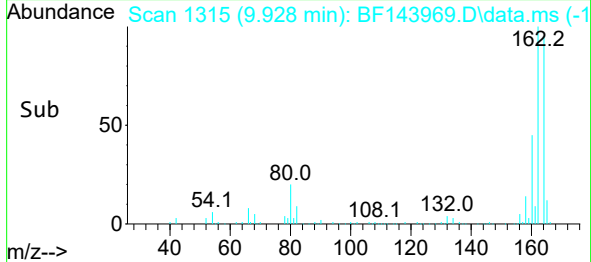
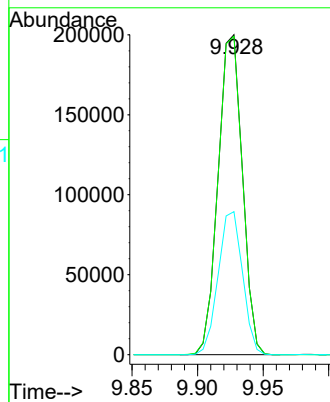
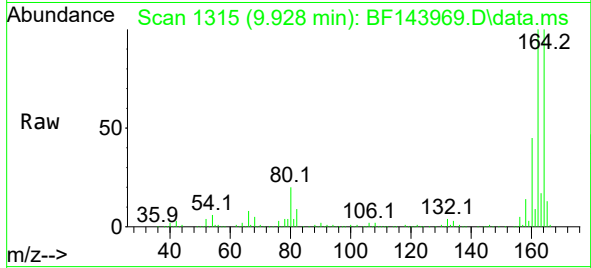




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

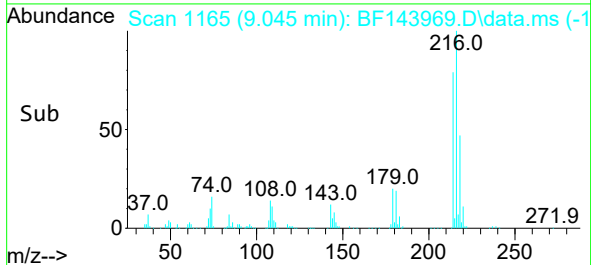
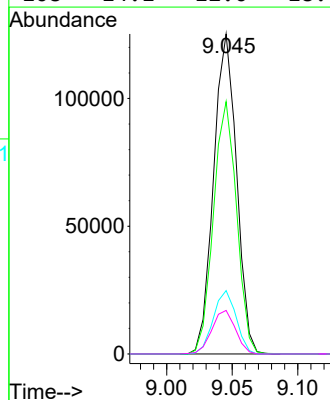
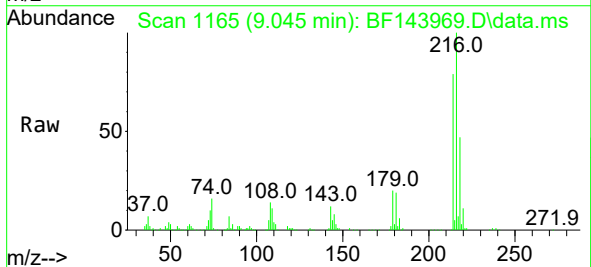
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

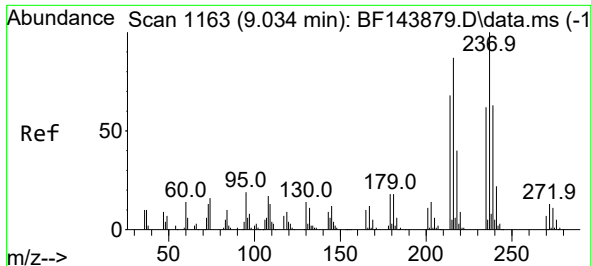
Tgt Ion:164 Resp: 257454
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 44.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.436 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:216 Resp: 152533
Ion Ratio Lower Upper
216 100
214 79.3 62.6 94.0
179 19.7 15.4 23.0
108 14.1 12.0 18.0

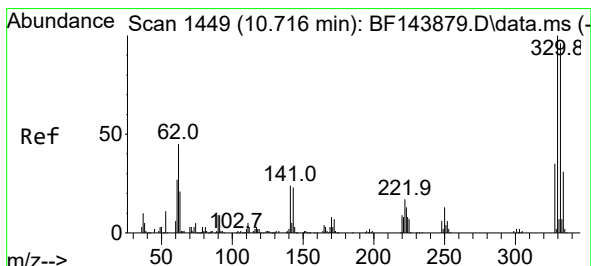
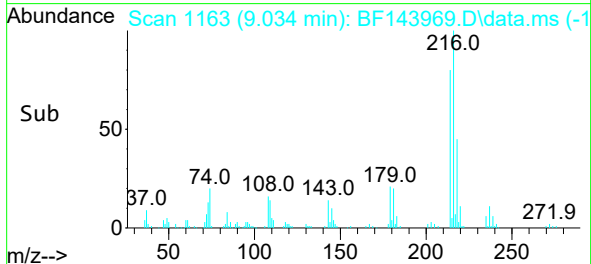
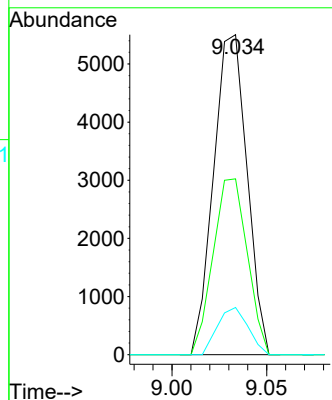
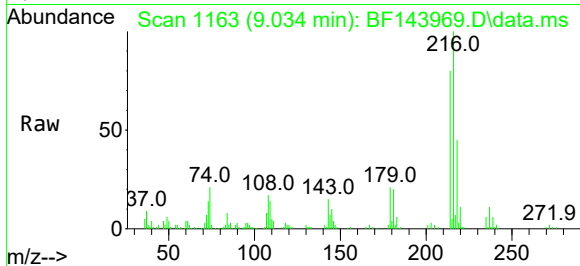




#41
Hexachlorocyclopentadiene
Concen: 2.295 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

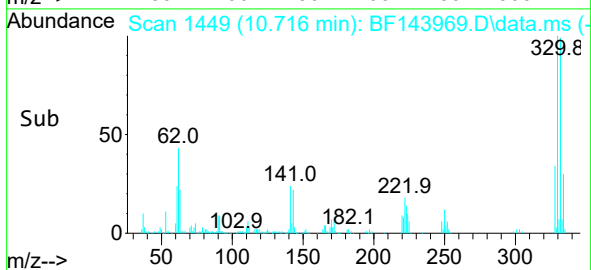
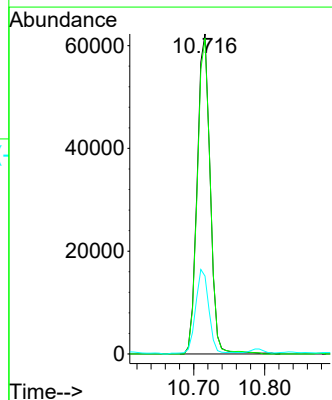
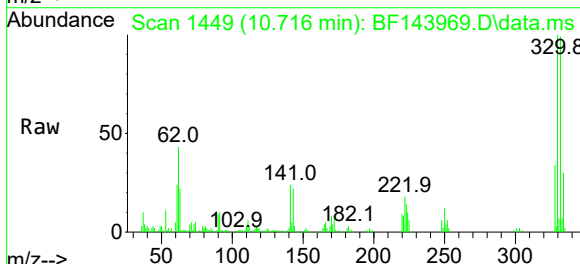
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

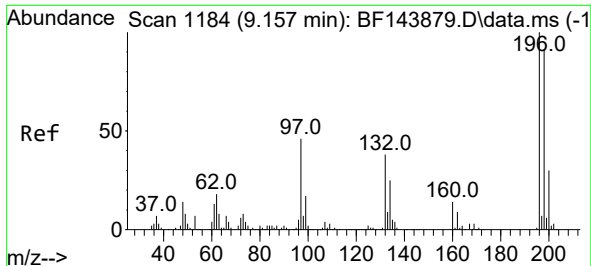
Tgt Ion:	237	Resp:	6776
Ion	Ratio	Lower	Upper
237	100		
235	54.9	42.3	82.3
272	14.8	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 30.835 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:	330	Resp:	79071
Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.9	115.3
141	27.6	20.2	30.4

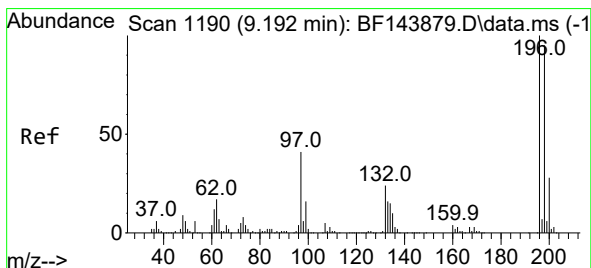
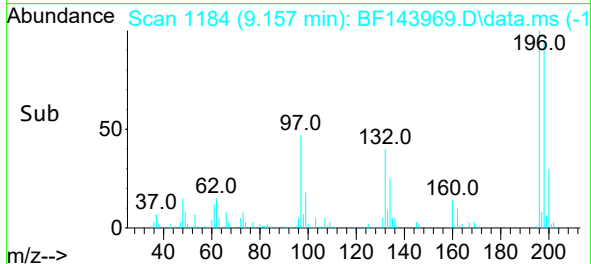
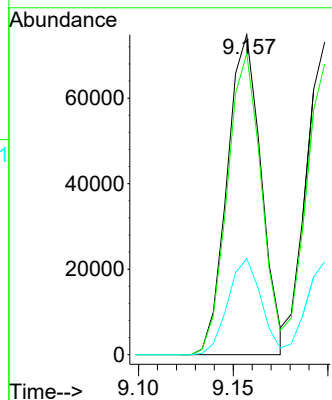
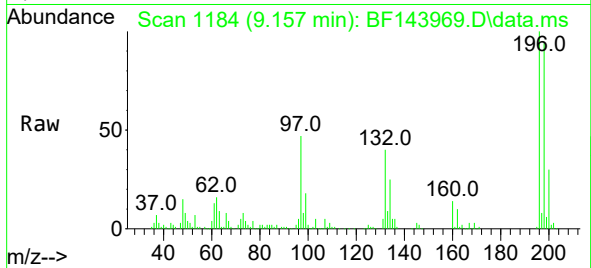




#43
2,4,6-Trichlorophenol
Concen: 18.017 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

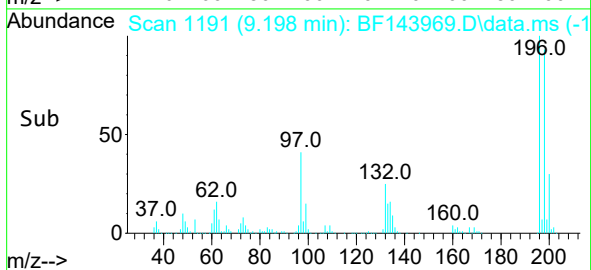
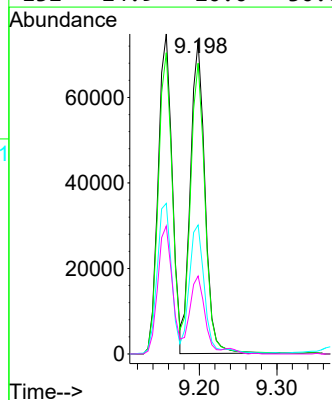
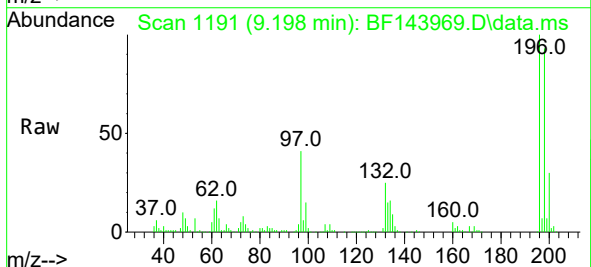
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

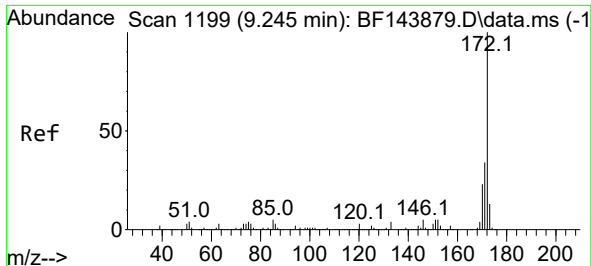
Tgt Ion:196 Resp: 93674
Ion Ratio Lower Upper
196 100
198 94.2 72.8 109.2
200 30.0 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 17.377 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:196 Resp: 95472
Ion Ratio Lower Upper
196 100
198 93.0 75.5 113.3
97 41.3 33.9 50.9
132 24.9 20.0 30.0

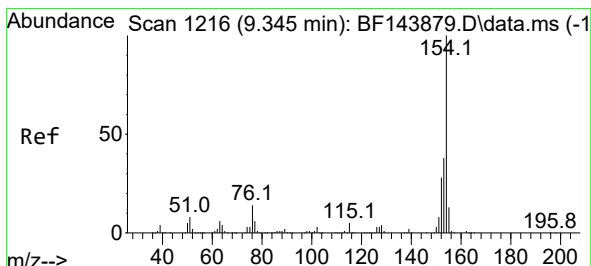
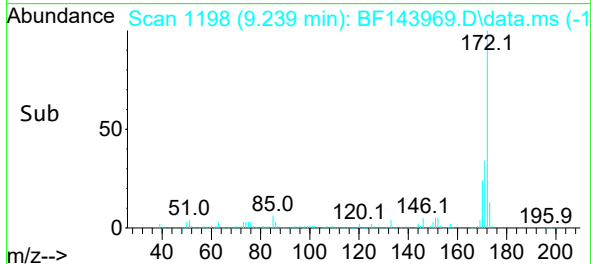
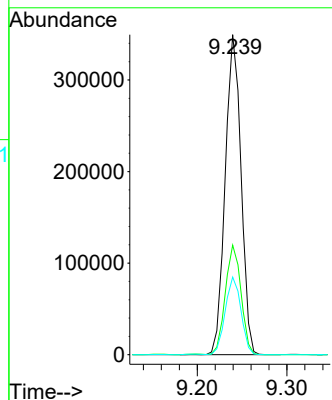
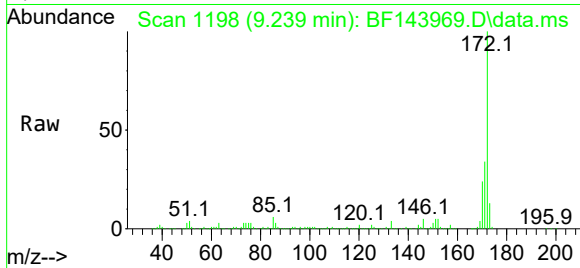




#45
2-Fluorobiphenyl
Concen: 26.363 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

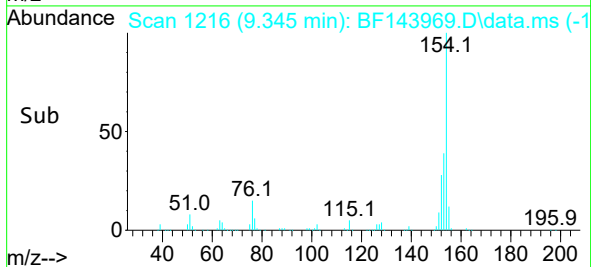
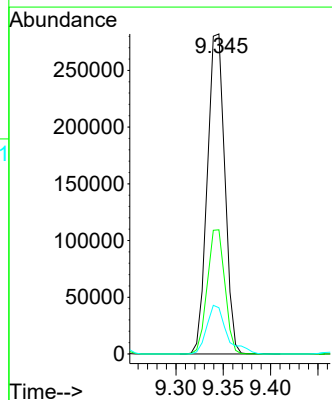
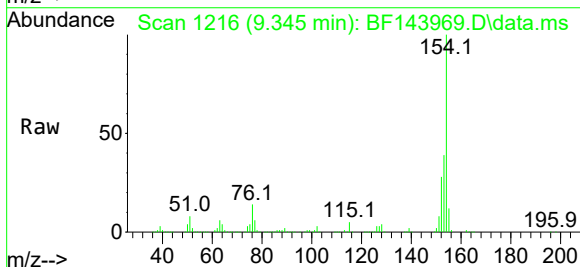
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

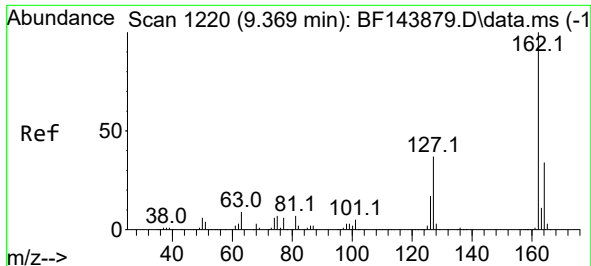
Tgt Ion:172 Resp: 427743
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 24.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 21.253 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:154 Resp: 362273
Ion Ratio Lower Upper
154 100
153 38.8 18.4 58.4
76 14.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 18.803 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143969.D

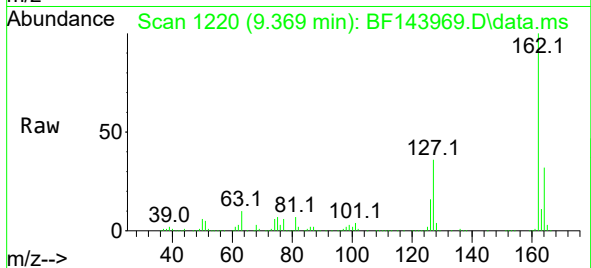
Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD



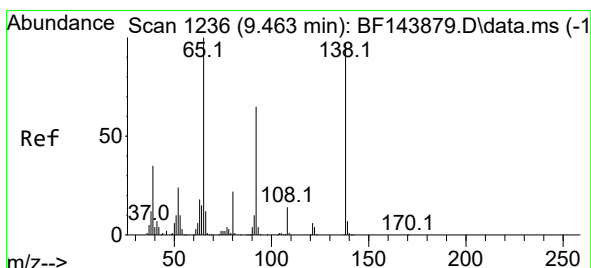
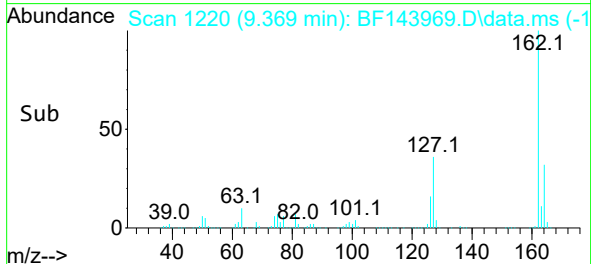
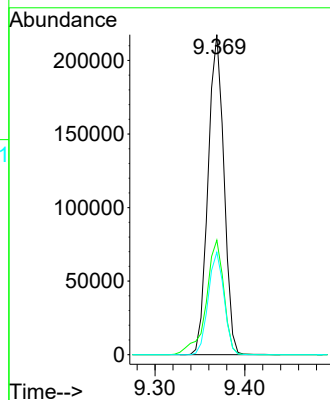
Tgt Ion:162 Resp: 267226

Ion Ratio Lower Upper

162 100

127 35.8 30.2 45.2

164 32.0 26.9 40.3



#48

2-Nitroaniline

Concen: 19.590 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

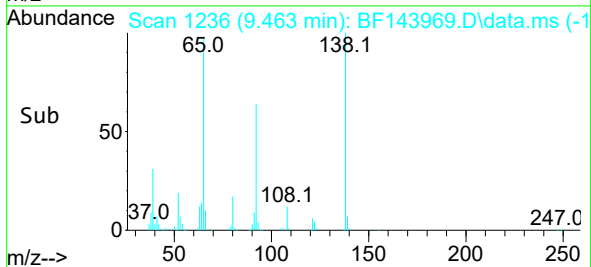
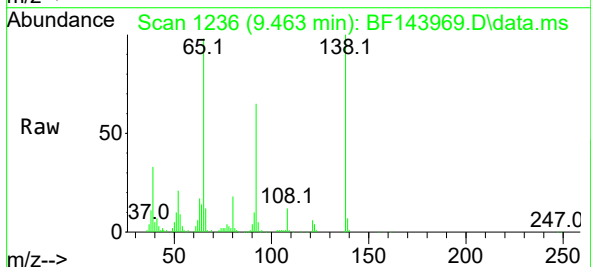
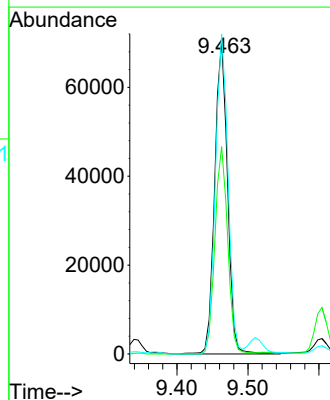
Tgt Ion: 65 Resp: 88022

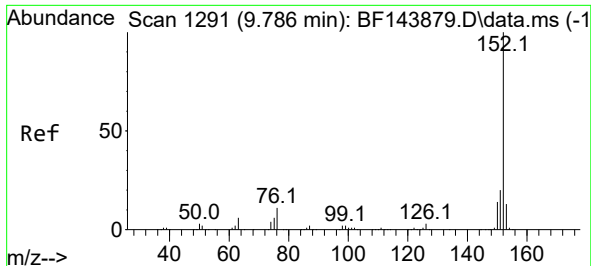
Ion Ratio Lower Upper

65 100

92 66.2 52.1 78.1

138 102.1 77.4 116.2

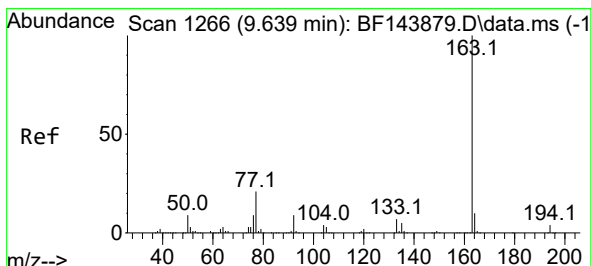
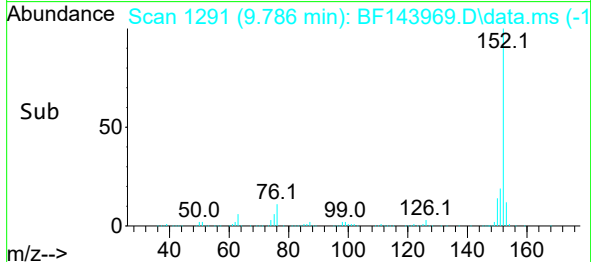
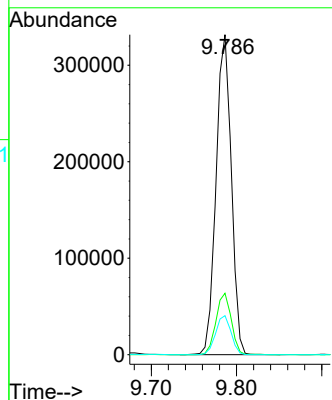
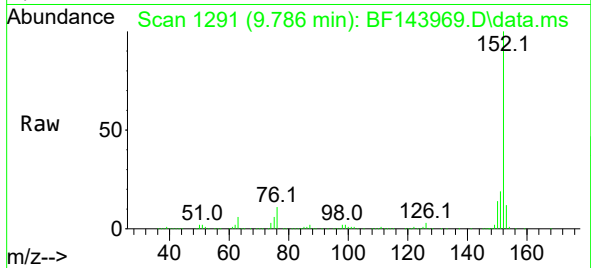




#49
Acenaphthylene
Concen: 20.604 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

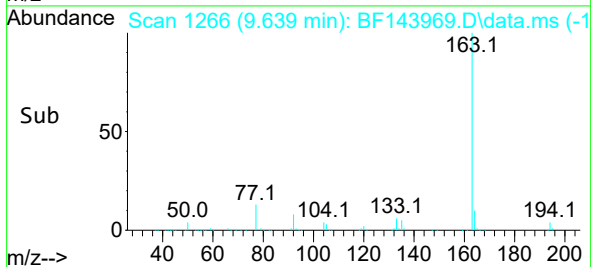
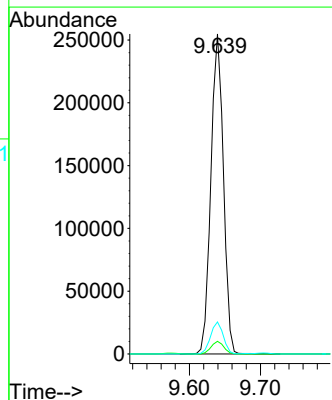
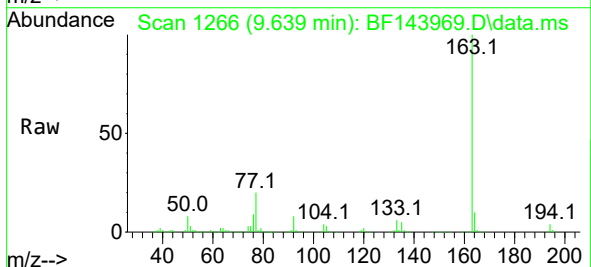
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

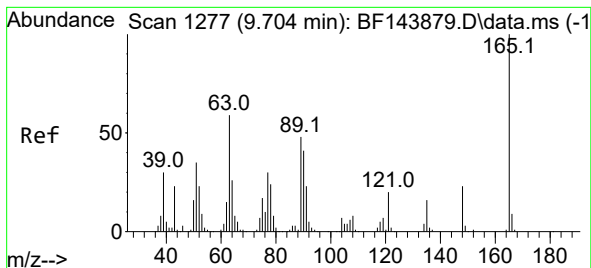
Tgt Ion:152 Resp: 411663
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 12.2 10.5 15.7



#50
Dimethylphthalate
Concen: 19.142 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:163 Resp: 312952
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 19.761 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

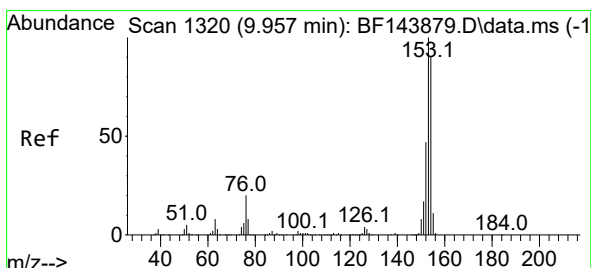
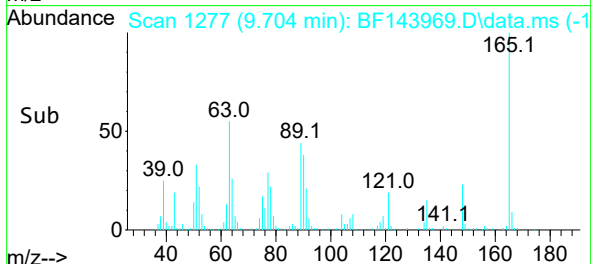
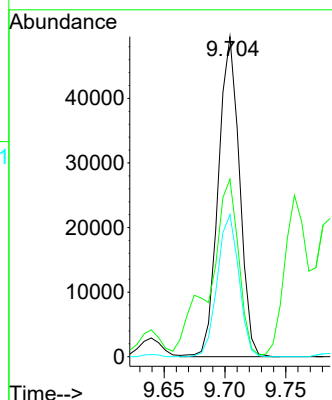
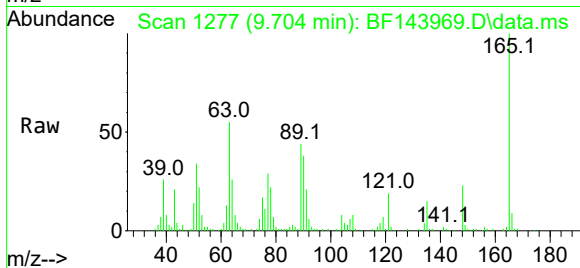
Tgt Ion:165 Resp: 59910

Ion Ratio Lower Upper

165 100

63 55.4 47.3 70.9

89 44.4 38.2 57.4



#52

Acenaphthene

Concen: 16.594 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

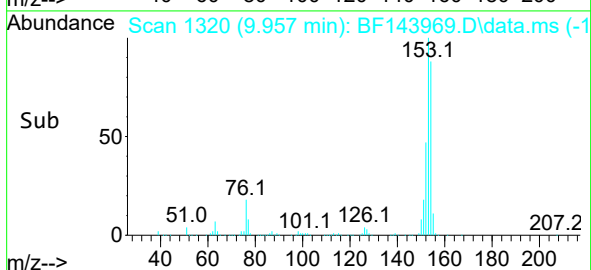
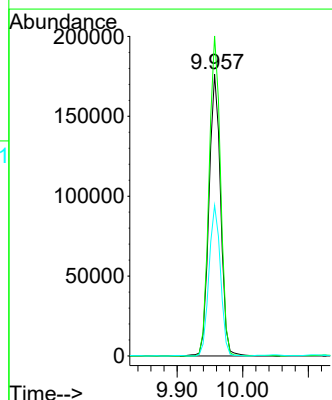
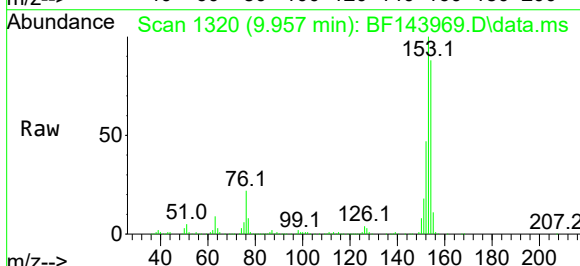
Tgt Ion:154 Resp: 217247

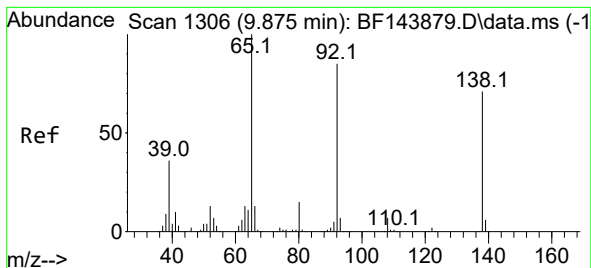
Ion Ratio Lower Upper

154 100

153 113.6 89.3 133.9

152 53.5 42.2 63.2





#53

3-Nitroaniline

Concen: 16.339 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

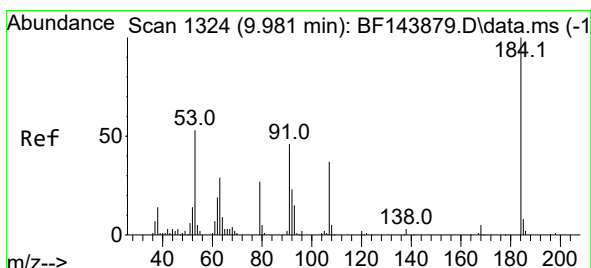
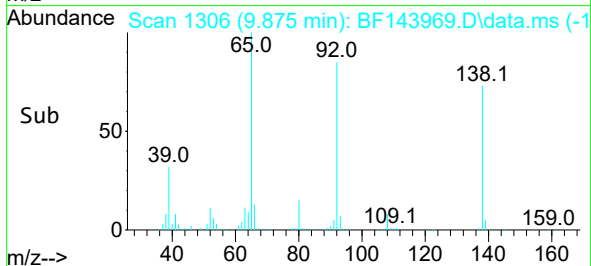
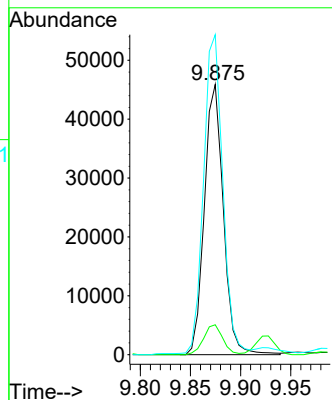
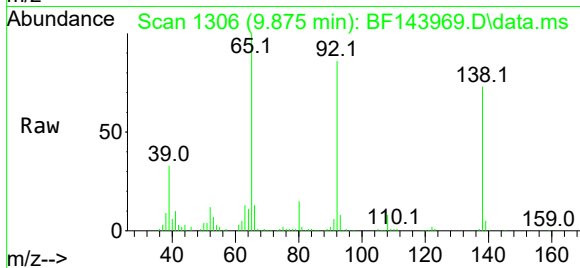
Tgt Ion:138 Resp: 60651

Ion Ratio Lower Upper

138 100

108 11.1 8.3 12.5

92 118.4 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 10.341 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

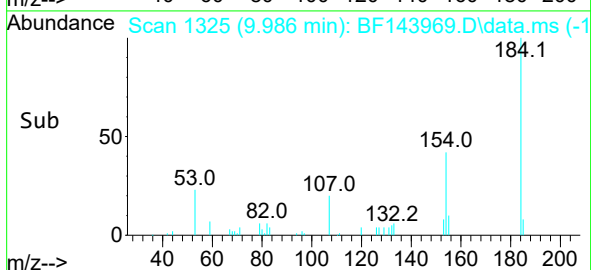
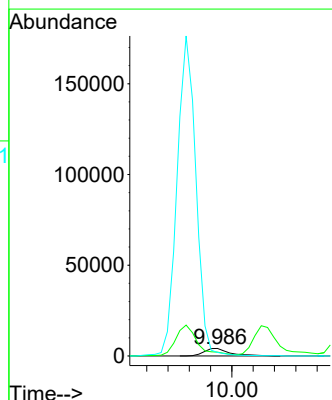
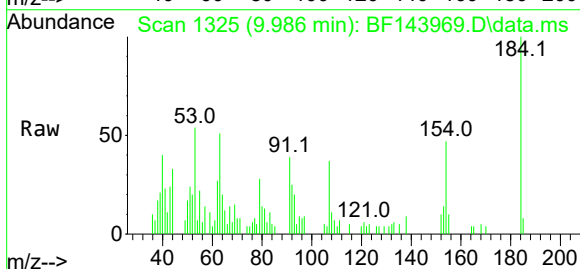
Tgt Ion:184 Resp: 6962

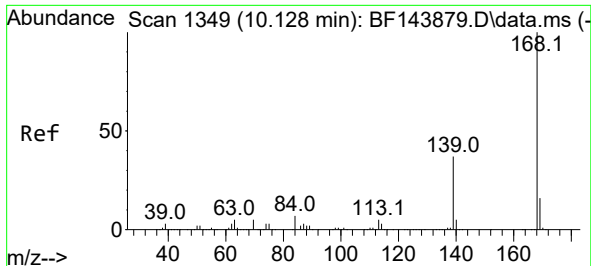
Ion Ratio Lower Upper

184 100

63 51.5 48.2 72.4

154 46.5 49.2 73.8#

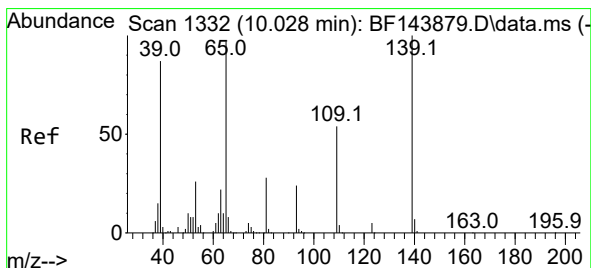
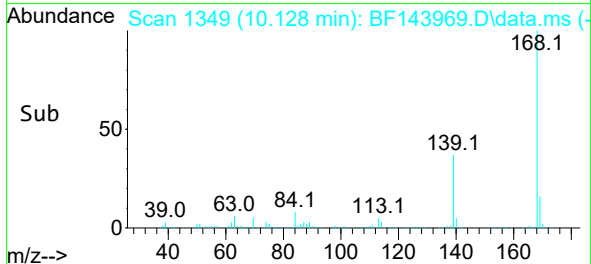
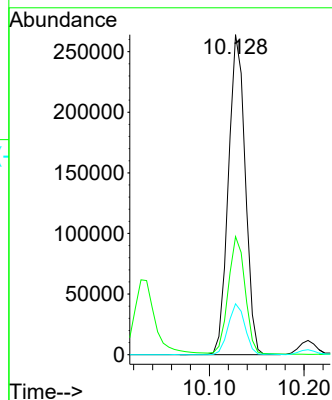
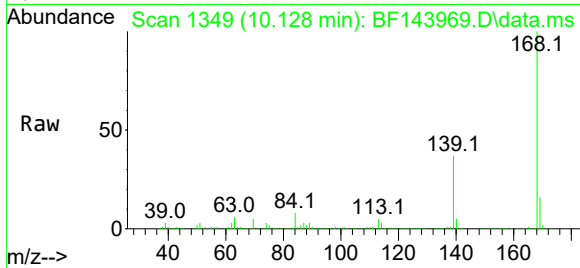




#55
Dibenzofuran
Concen: 17.668 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

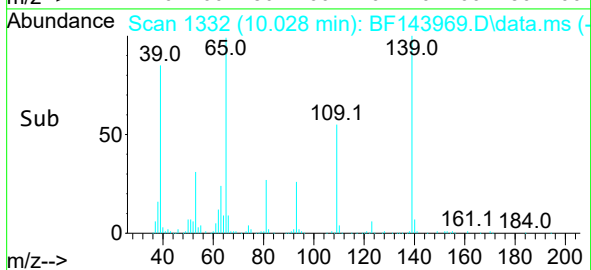
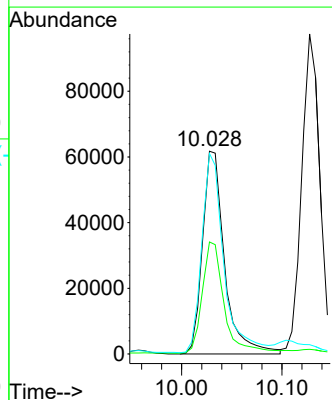
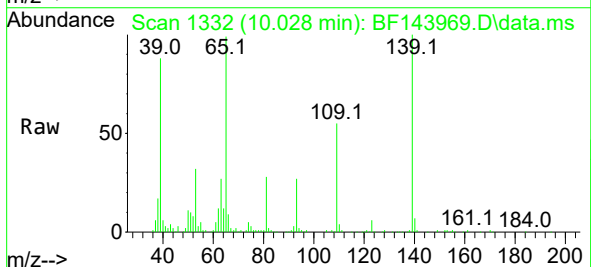
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

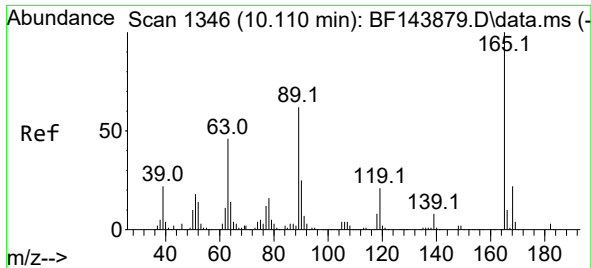
Tgt Ion:168 Resp: 326516
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 15.9 12.8 19.2



#56
4-Nitrophenol
Concen: 33.780 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:139 Resp: 94945
Ion Ratio Lower Upper
139 100
109 55.2 34.5 74.5
65 98.9 77.6 117.6

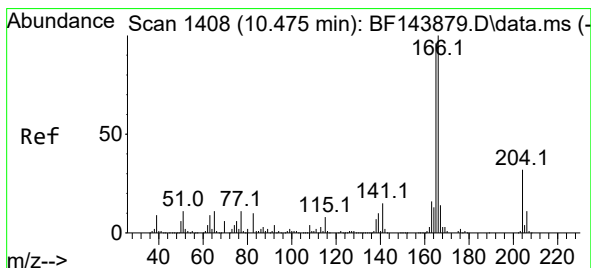
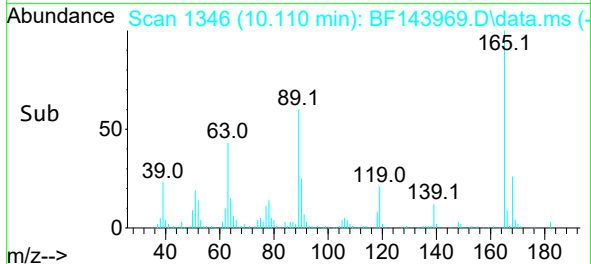
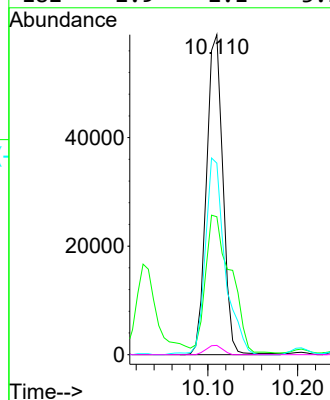
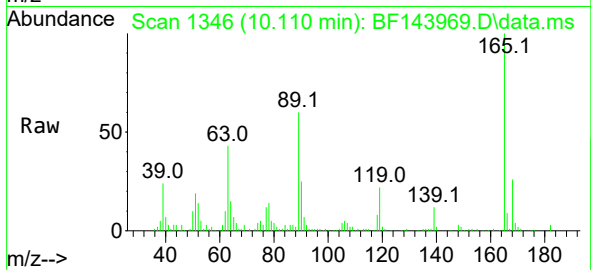




#57
2,4-Dinitrotoluene
Concen: 18.245 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

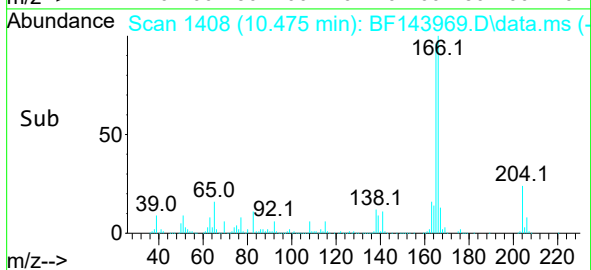
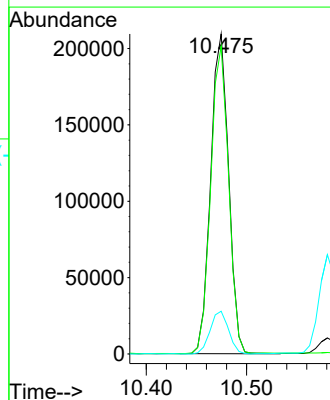
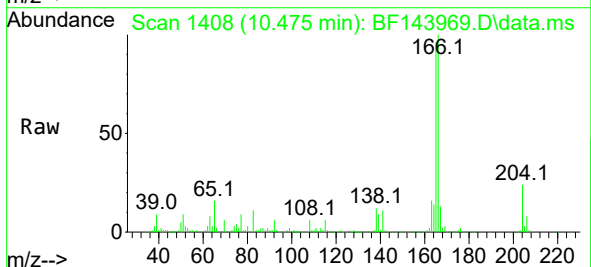
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

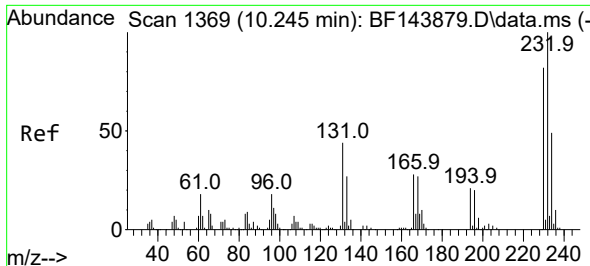
Tgt Ion:165 Resp: 75260
Ion Ratio Lower Upper
165 100
63 43.1 37.2 55.8
89 59.9 49.4 74.2
182 2.9 2.1 3.1



#58
Fluorene
Concen: 18.659 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

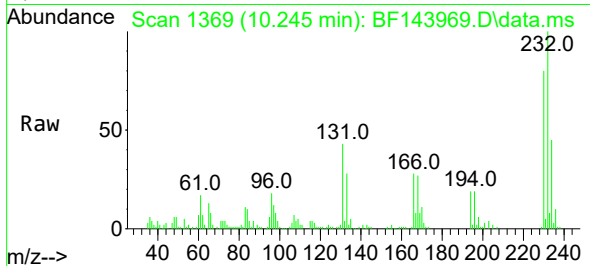
Tgt Ion:166 Resp: 260205
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.6
167 13.4 11.1 16.7



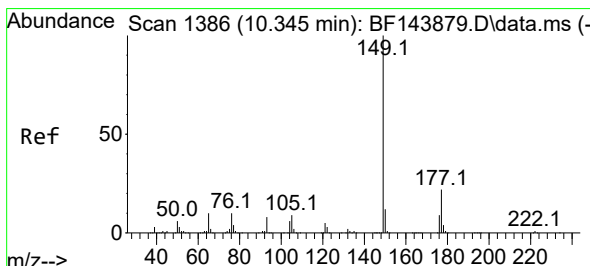
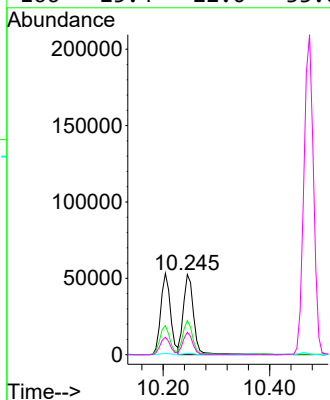
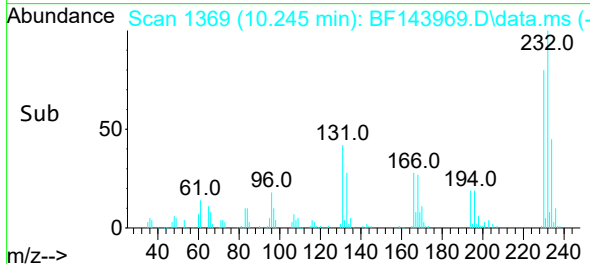


#59
2,3,4,6-Tetrachlorophenol
Concen: 18.183 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

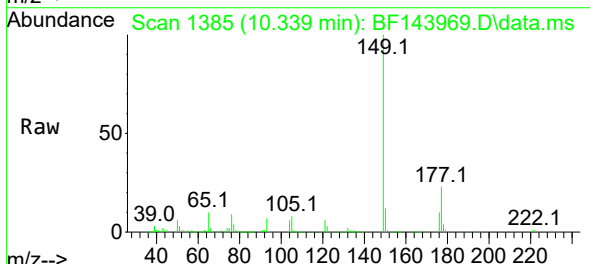
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD



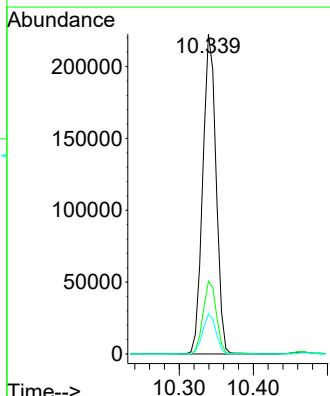
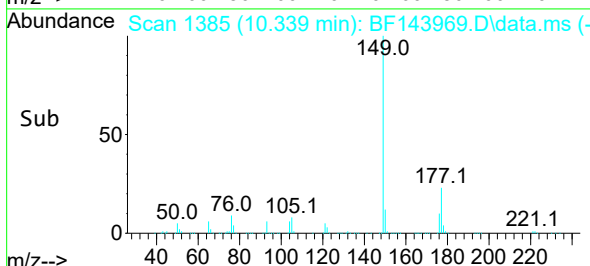
Tgt Ion:232 Resp: 70718
Ion Ratio Lower Upper
232 100
131 40.1 34.9 52.3
130 1.7 1.6 2.4
166 25.4 22.0 33.0

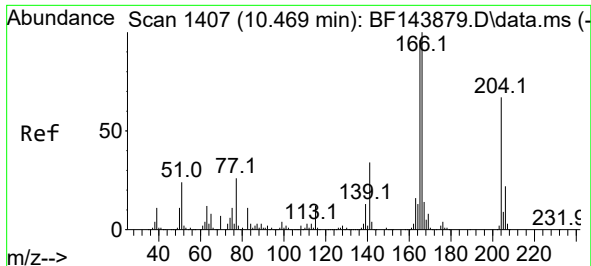


#60
Diethylphthalate
Concen: 18.330 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18



Tgt Ion:149 Resp: 278418
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.5 9.8 14.8

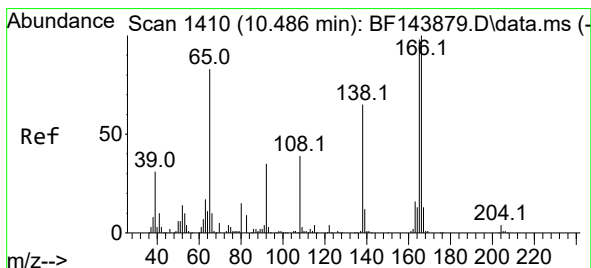
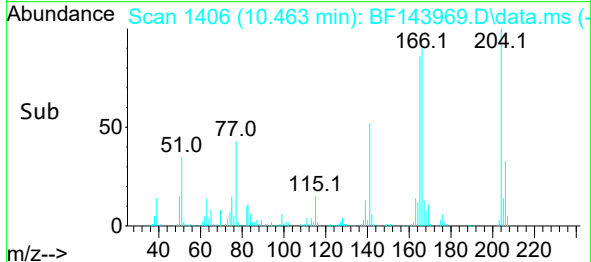
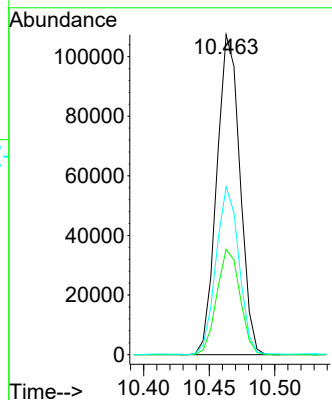
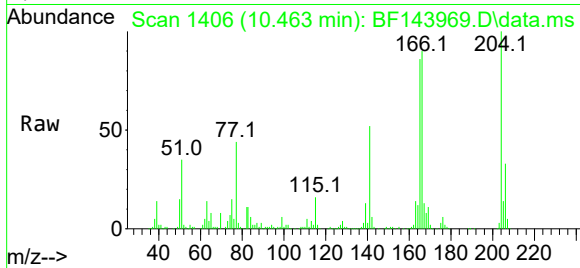




#61
4-Chlorophenyl-phenylether
Concen: 17.830 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

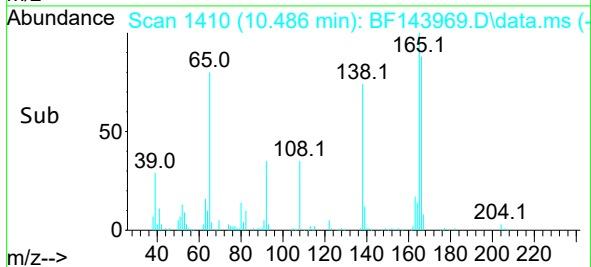
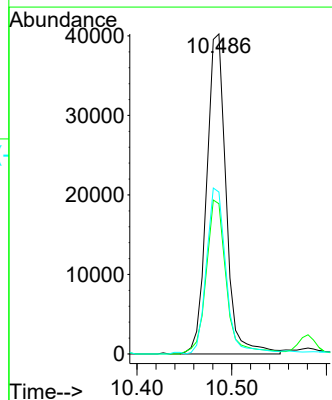
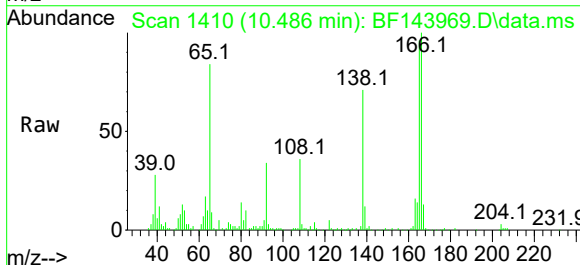
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

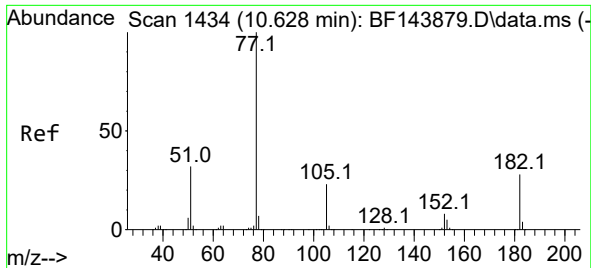
Tgt Ion:204 Resp: 131456
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 52.4 40.4 60.6



#62
4-Nitroaniline
Concen: 16.065 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:138 Resp: 57347
Ion Ratio Lower Upper
138 100
92 47.0 33.9 73.9
108 50.6 40.2 80.2

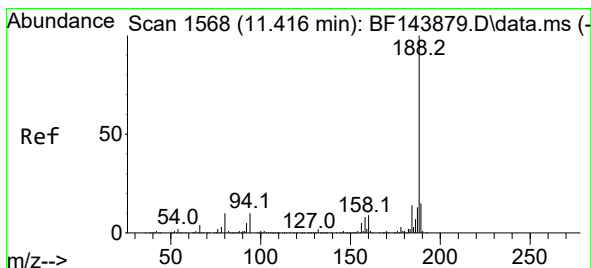
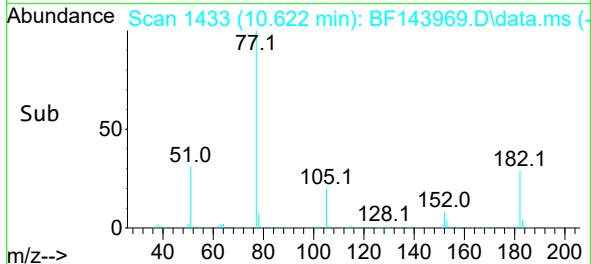
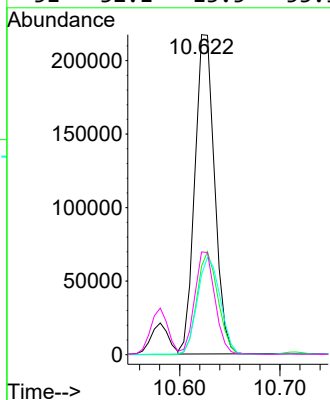
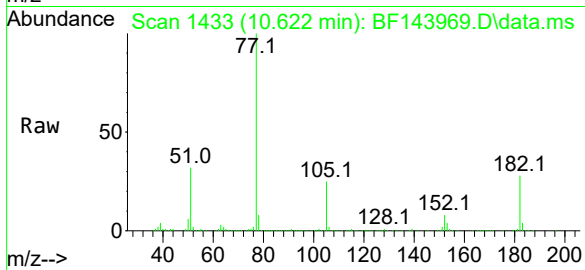




#63
Azobenzene
Concen: 18.740 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

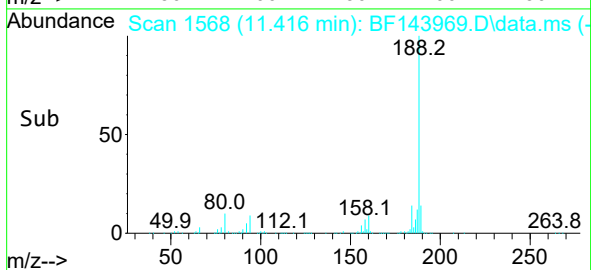
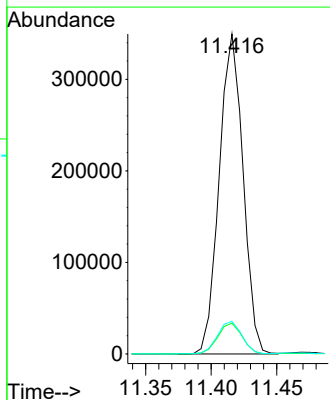
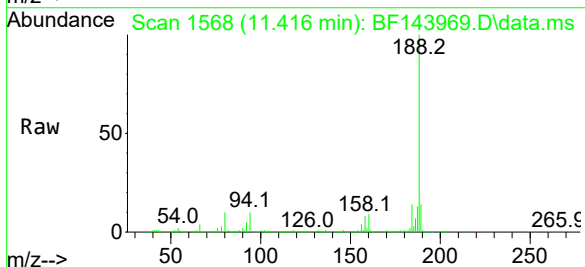
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

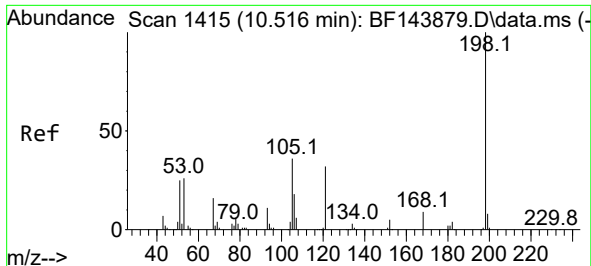
Tgt Ion: 77 Resp: 297479
Ion Ratio Lower Upper
77 100
182 27.6 7.3 47.3
105 25.0 3.0 43.0
51 32.1 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:188 Resp: 441424
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.2 7.9 11.9

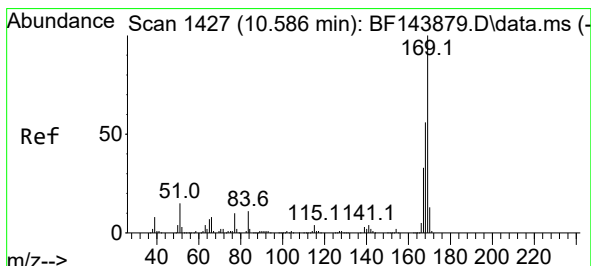
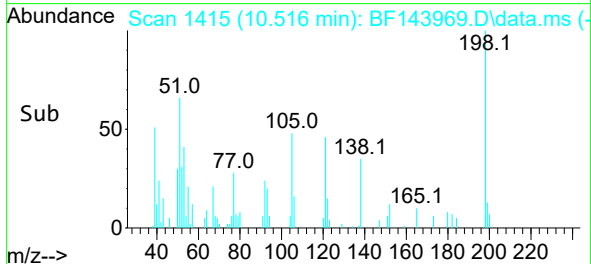
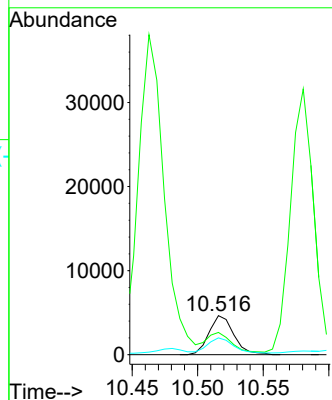
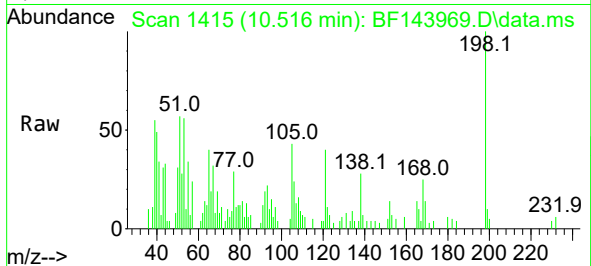




#65
4,6-Dinitro-2-methylphenol
Concen: 2.755 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

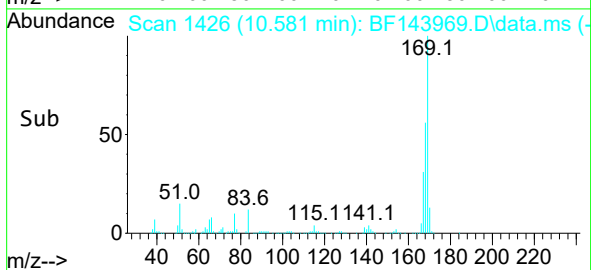
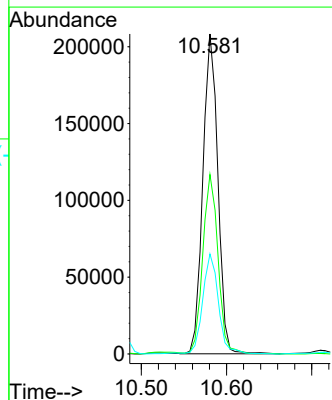
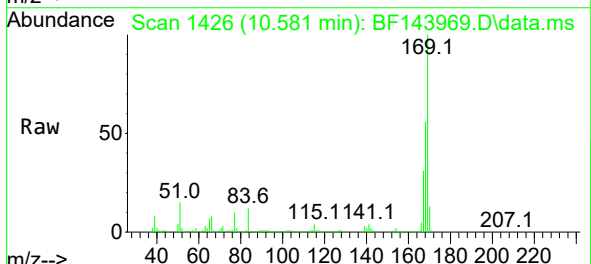
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

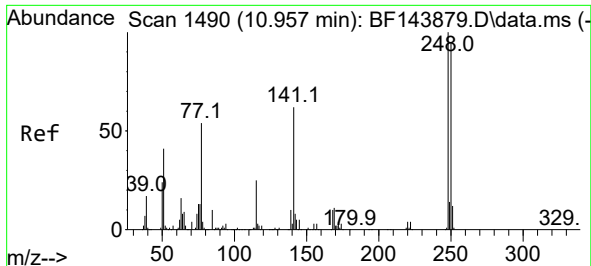
Tgt Ion:198 Resp: 6111
Ion Ratio Lower Upper
198 100
51 56.8 33.8 73.8
105 42.9 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 18.335 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:169 Resp: 254132
Ion Ratio Lower Upper
169 100
168 56.1 44.9 67.3
167 31.2 26.3 39.5

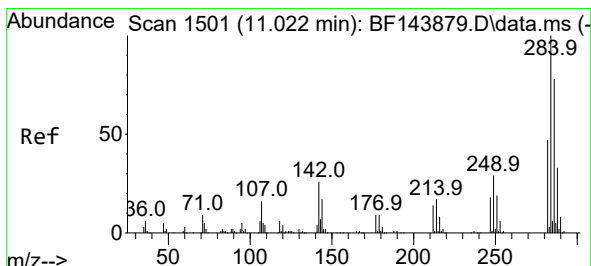
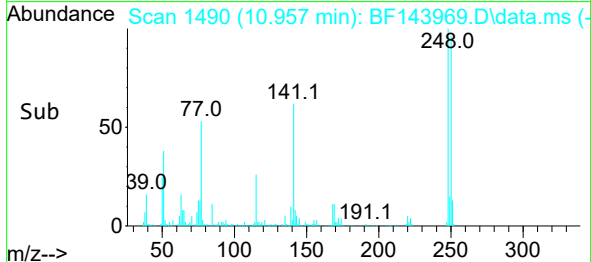
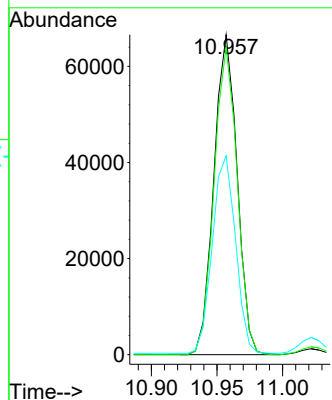
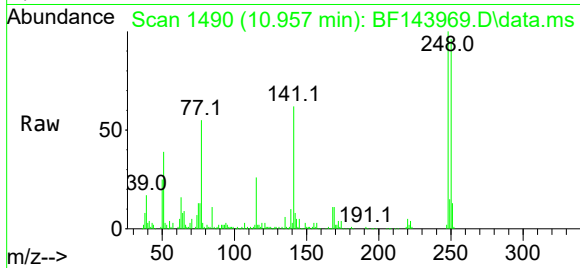




#67
4-Bromophenyl-phenylether
Concen: 16.724 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

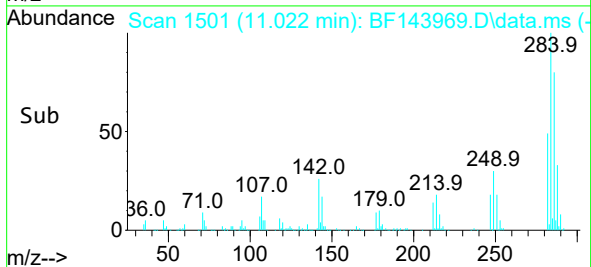
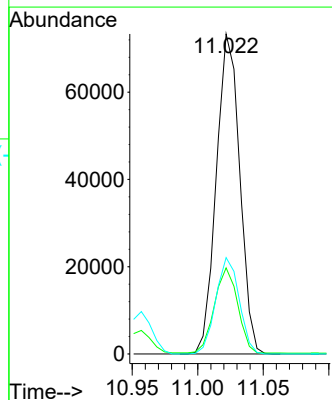
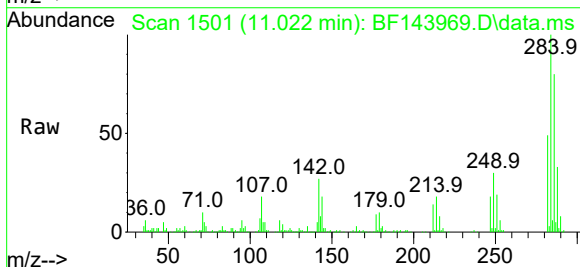
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

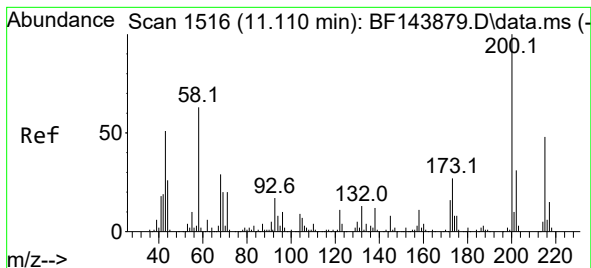
Tgt Ion:248 Resp: 81586
Ion Ratio Lower Upper
248 100
250 96.1 76.3 114.5
141 62.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 16.112 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:284 Resp: 90999
Ion Ratio Lower Upper
284 100
142 26.9 20.6 30.8
249 30.1 23.2 34.8





#69

Atrazine

Concen: 18.729 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143969.D

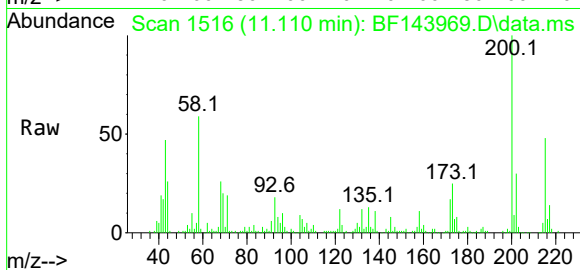
Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD



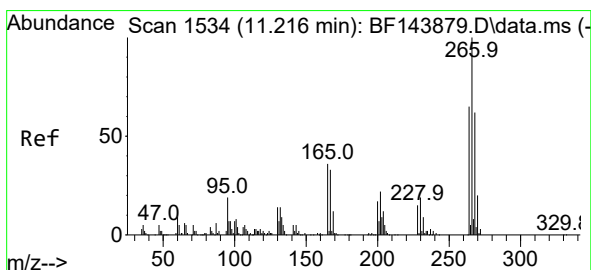
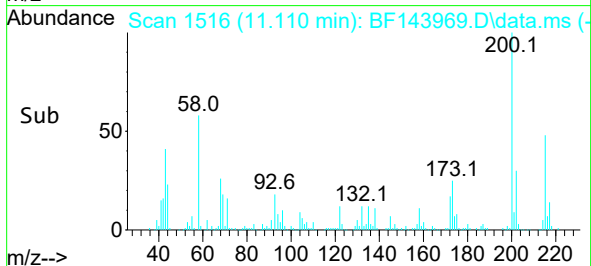
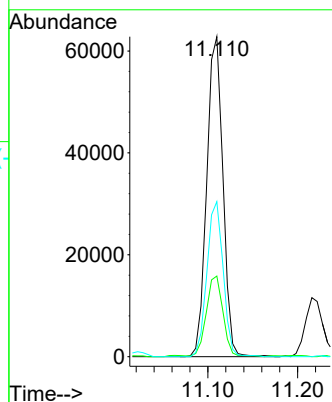
Tgt Ion:200 Resp: 78681

Ion Ratio Lower Upper

200 100

173 25.2 7.0 47.0

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 31.629 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

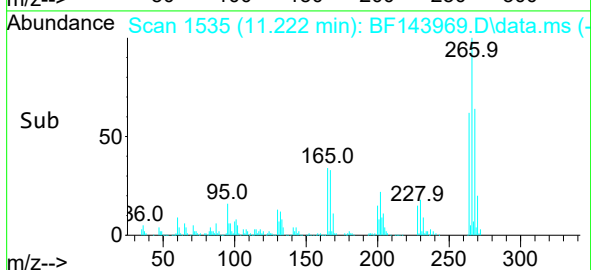
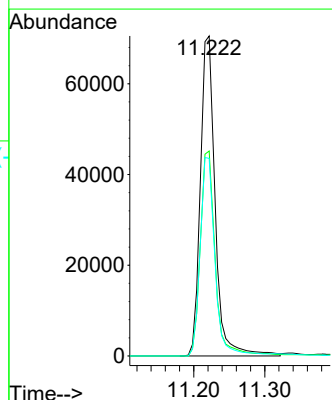
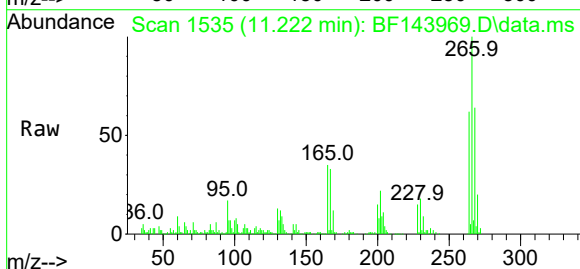
Tgt Ion:266 Resp: 102594

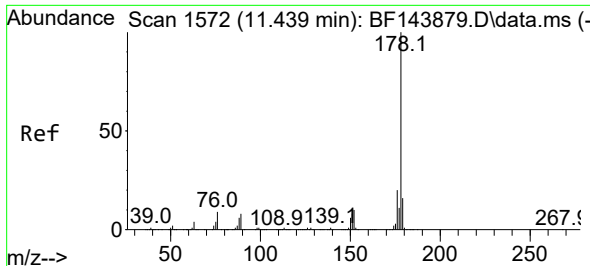
Ion Ratio Lower Upper

266 100

268 64.0 49.4 74.0

264 61.8 51.8 77.6

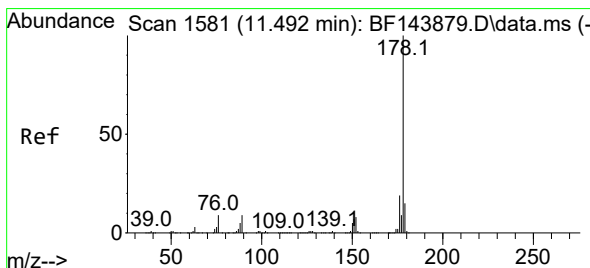
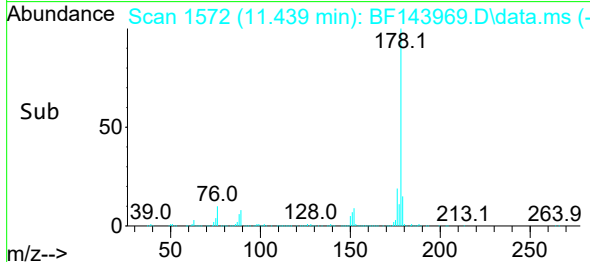
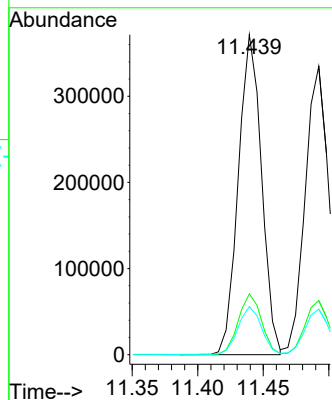
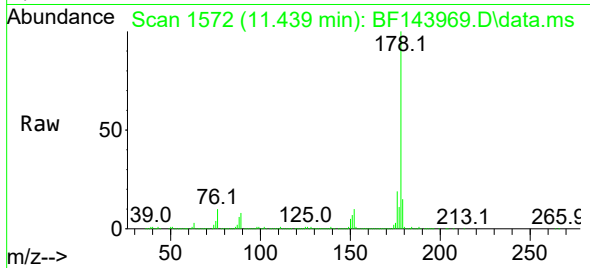




#71
Phenanthrene
Concen: 21.410 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

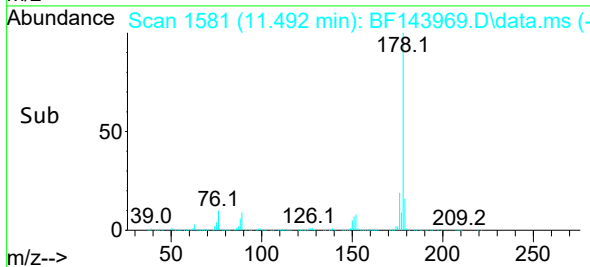
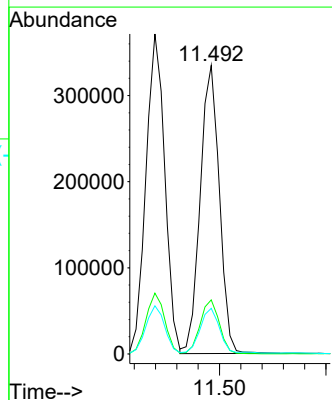
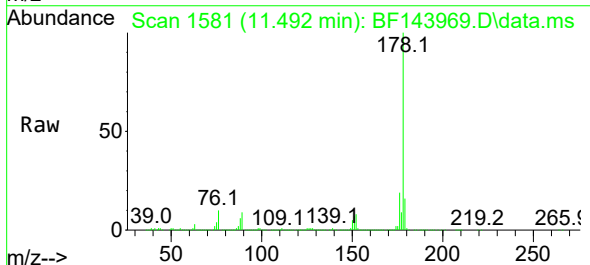
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

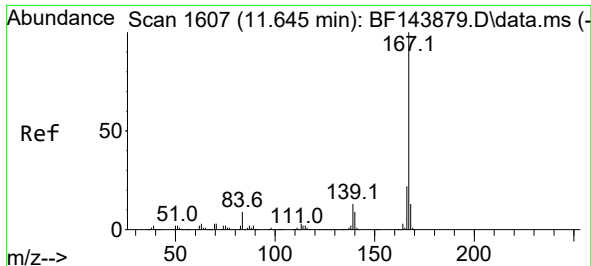
Tgt Ion:178 Resp: 458174
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 19.380 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:178 Resp: 418980
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.8 12.2 18.2

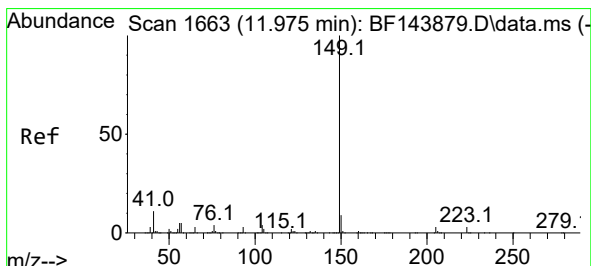
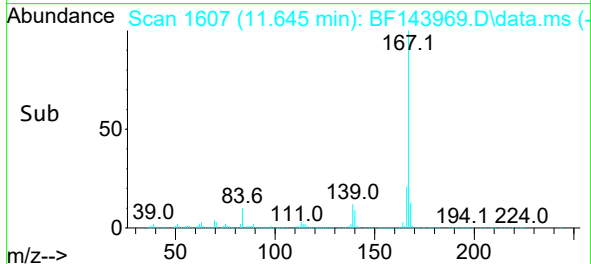
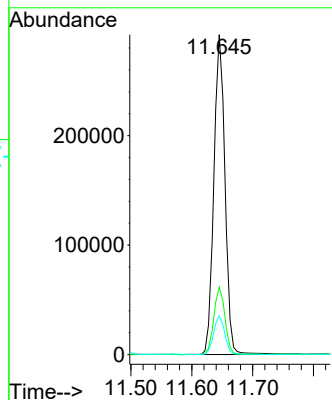
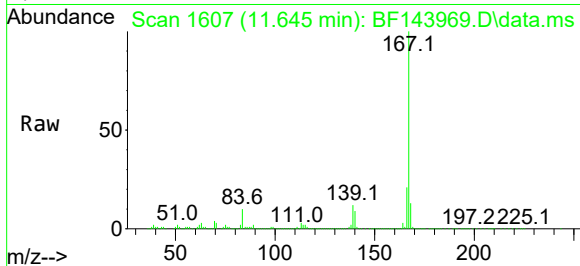




#73
 Carbazole
 Concen: 19.328 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

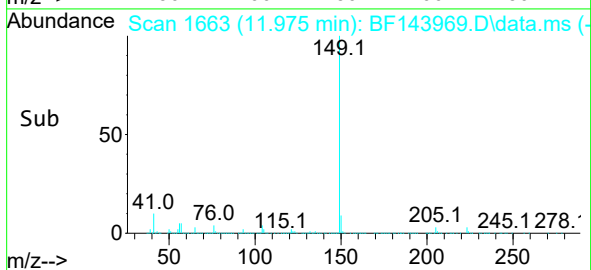
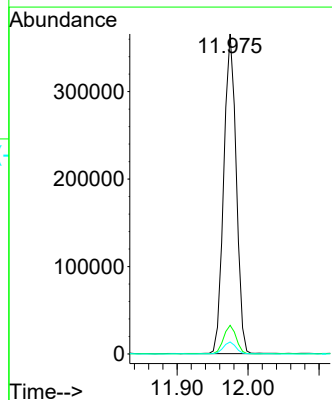
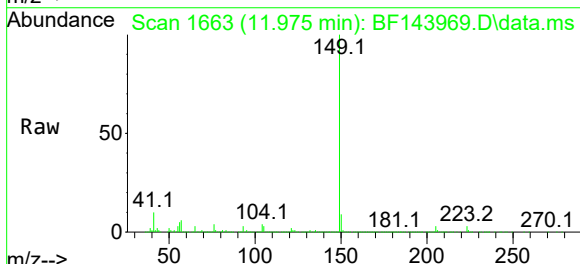
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

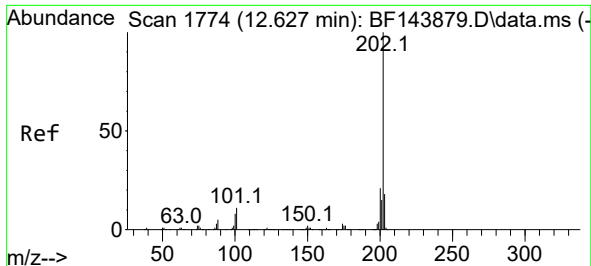
Tgt Ion:167 Resp: 370085
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 19.936 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

Tgt Ion:149 Resp: 442416
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 3.7 3.4 5.2

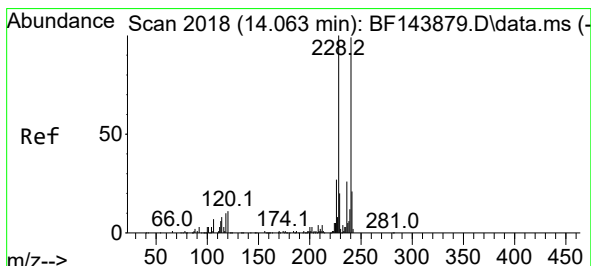
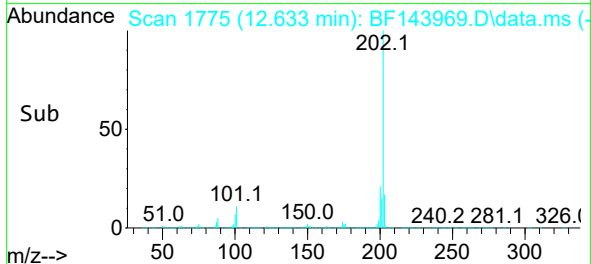
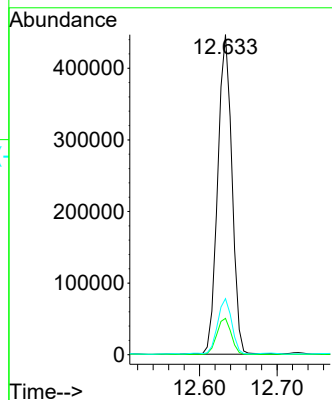
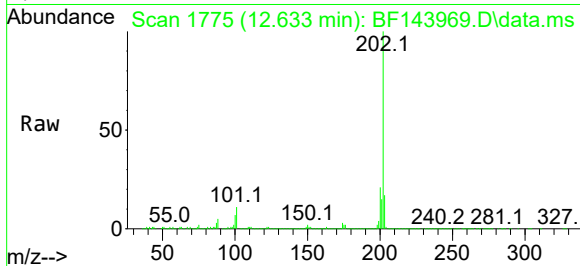




#75
Fluoranthene
Concen: 25.713 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

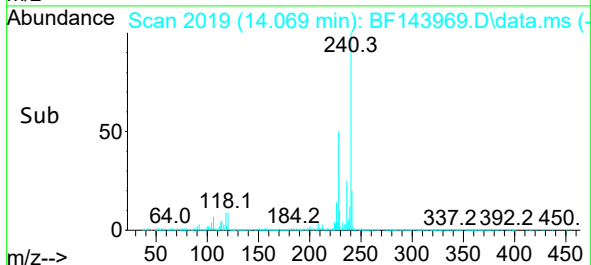
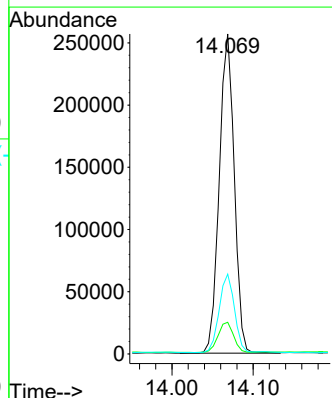
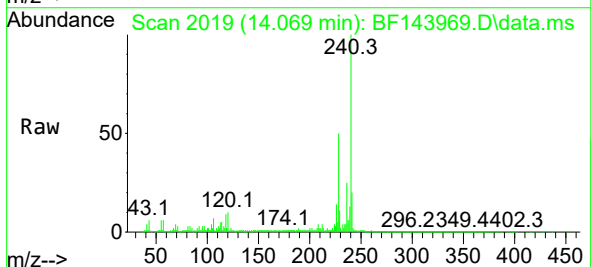
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

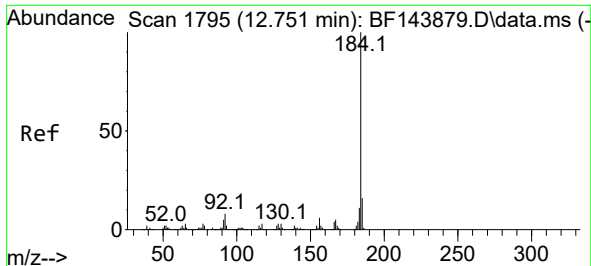
Tgt Ion:202 Resp: 568395
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:240 Resp: 330283
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 24.9 21.1 31.7

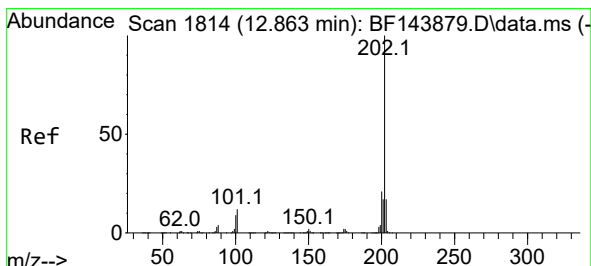
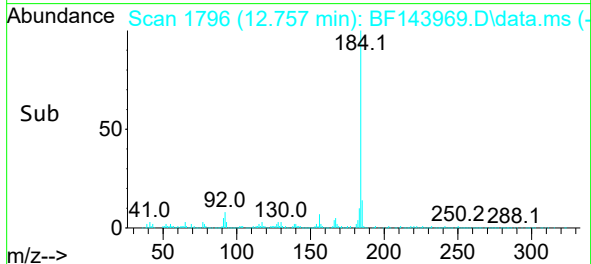
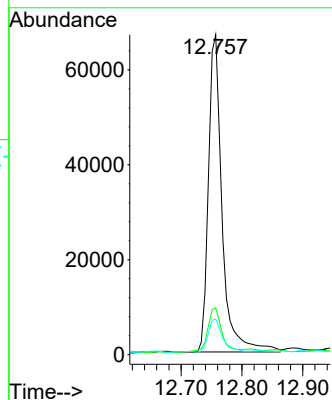
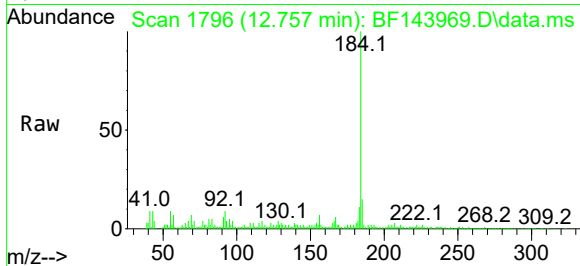




#77
Benzidine
Concen: 9.099 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

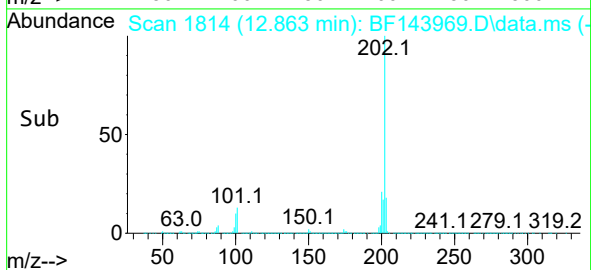
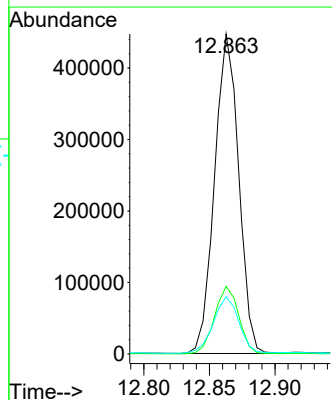
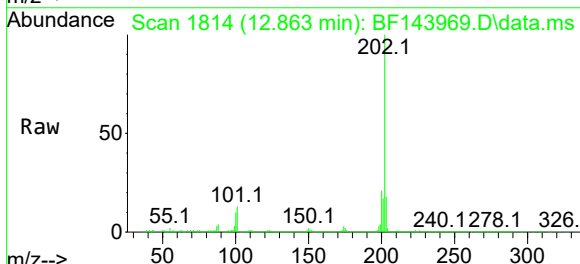
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

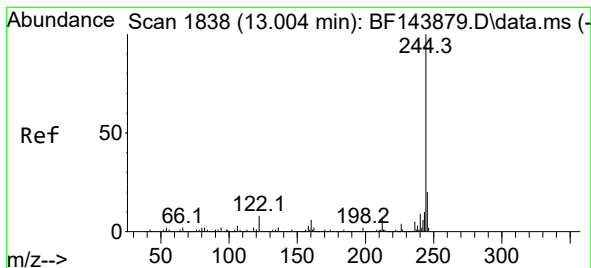
Tgt Ion:184 Resp: 104355
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 11.1 8.8 13.2



#78
Pyrene
Concen: 20.724 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143969.D
Acq: 15 Oct 2025 23:18

Tgt Ion:202 Resp: 570633
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 21.754 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

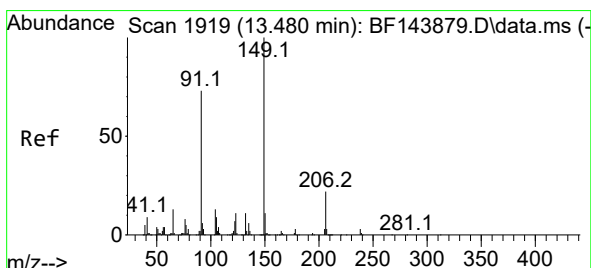
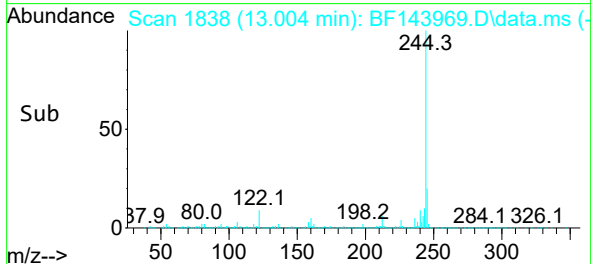
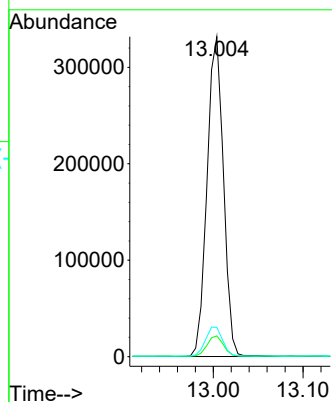
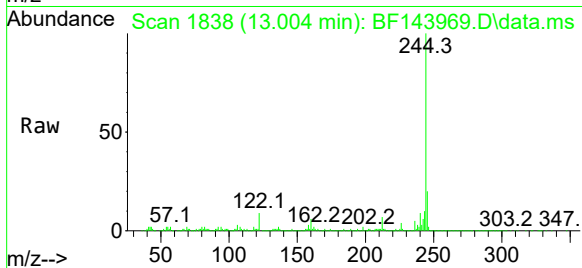
Tgt Ion:244 Resp: 420409

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.2 6.4 9.6



#80

Butylbenzylphthalate

Concen: 21.967 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

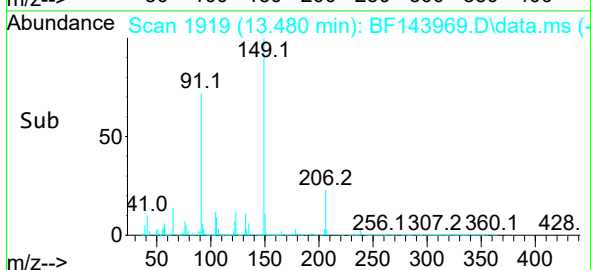
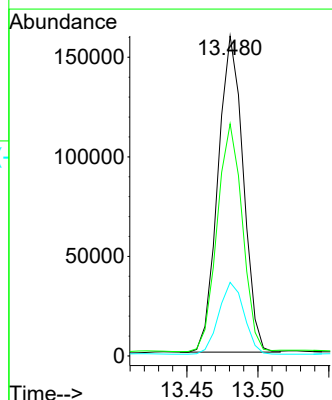
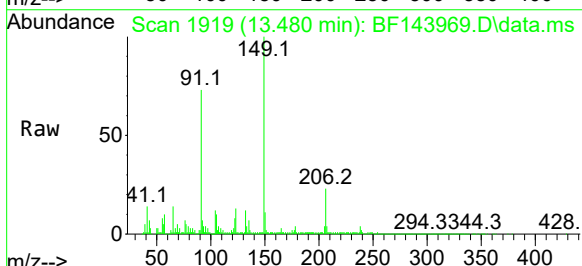
Tgt Ion:149 Resp: 196439

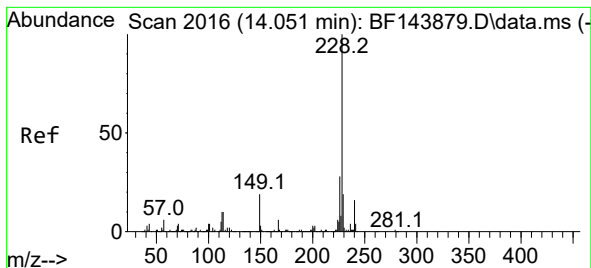
Ion Ratio Lower Upper

149 100

91 72.5 58.2 87.2

206 23.0 17.9 26.9





#81

Benzo(a)anthracene

Concen: 19.170 ng

RT: 14.057 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

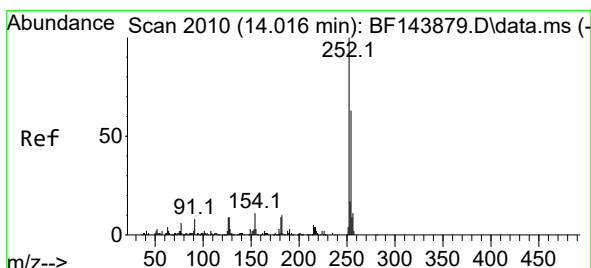
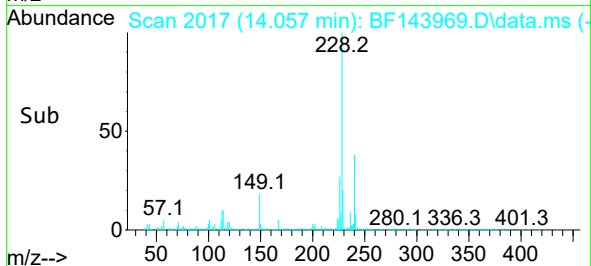
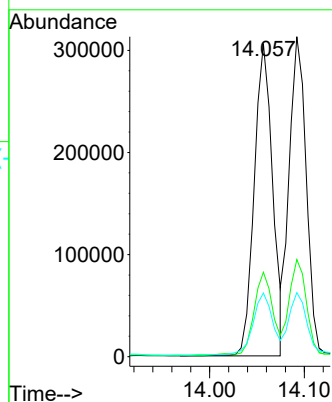
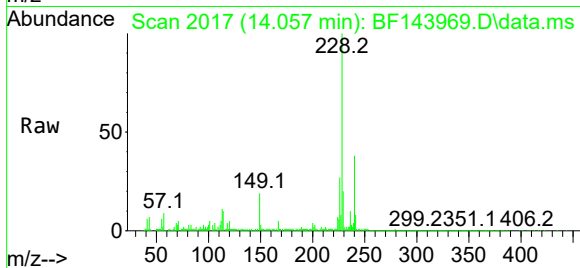
Tgt Ion:228 Resp: 414340

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 20.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 16.688 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

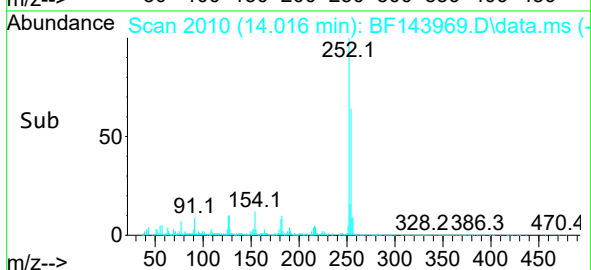
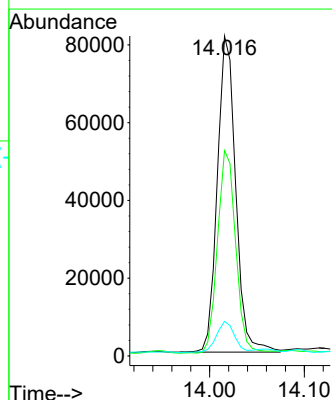
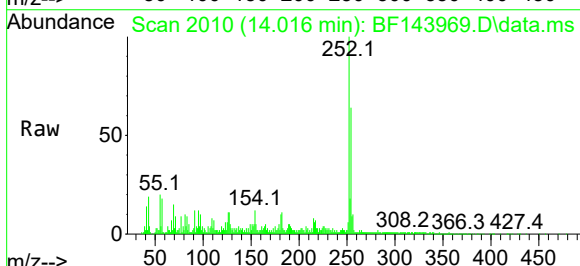
Tgt Ion:252 Resp: 109919

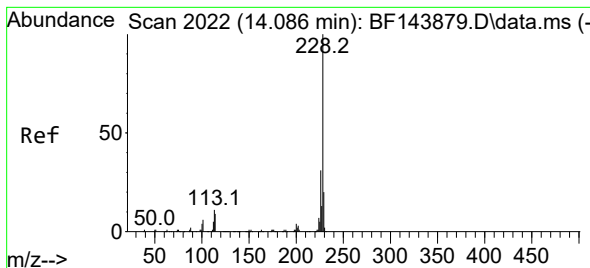
Ion Ratio Lower Upper

252 100

254 64.2 50.6 76.0

126 10.8 7.0 10.6#





#83

Chrysene

Concen: 19.393 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

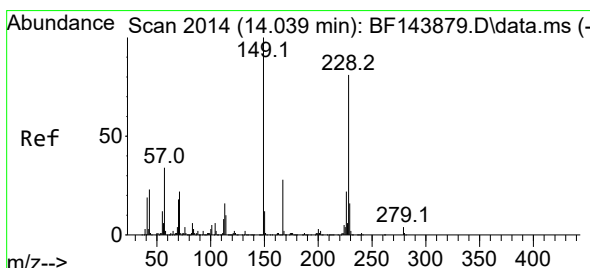
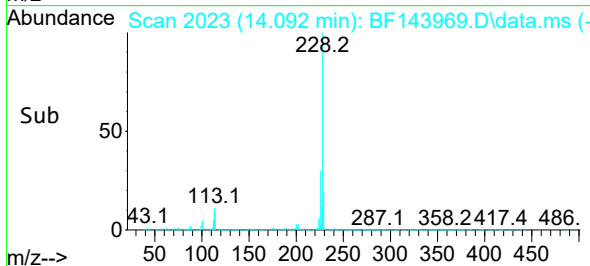
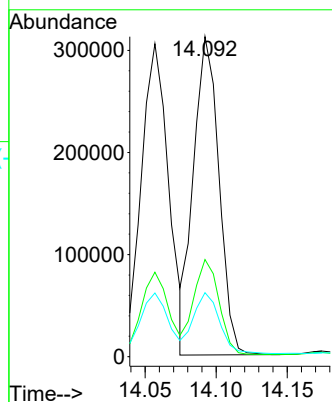
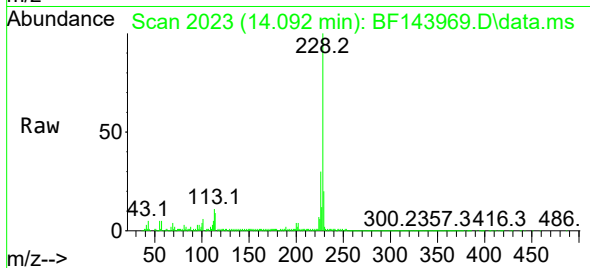
Tgt Ion:228 Resp: 387944

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.623 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

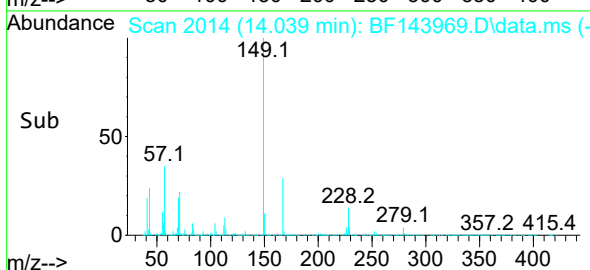
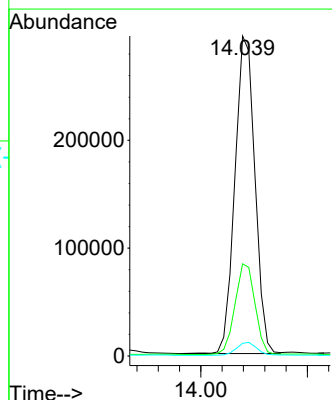
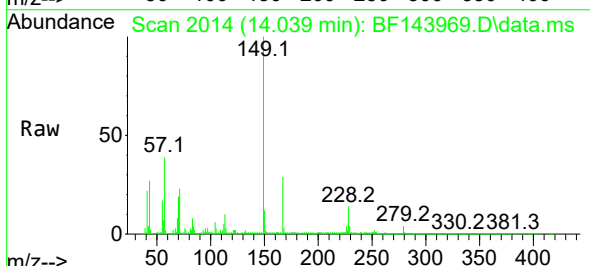
Tgt Ion:149 Resp: 384008

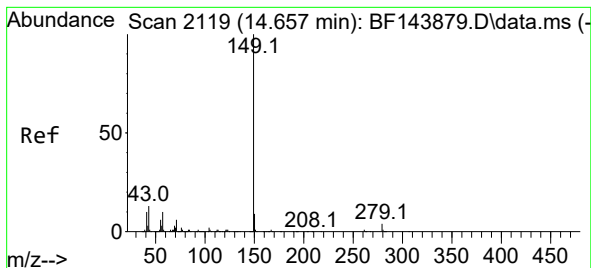
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 21.968 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

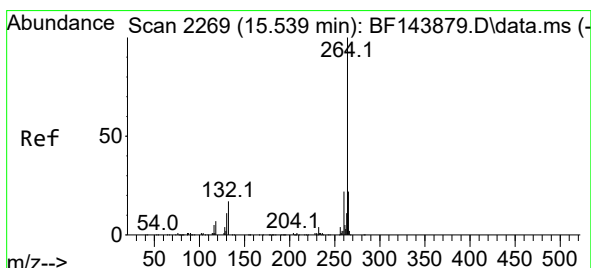
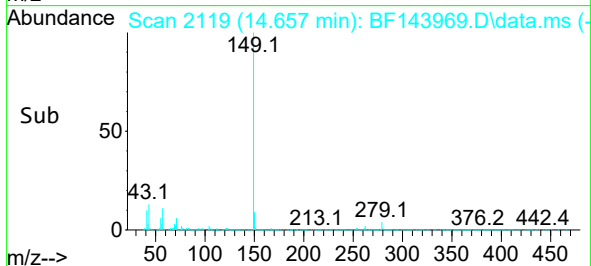
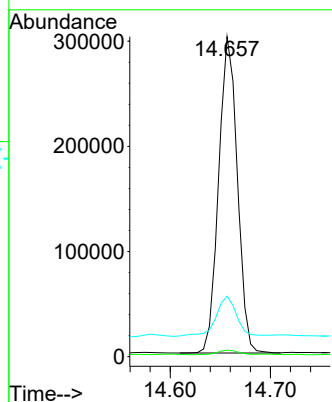
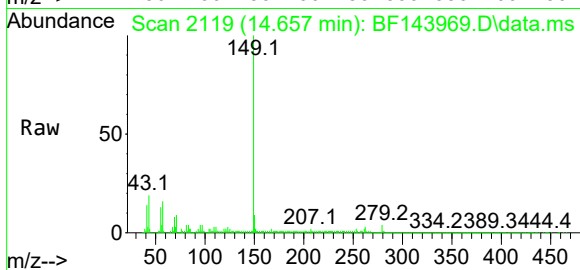
Tgt Ion:149 Resp: 388944

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 13.9 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

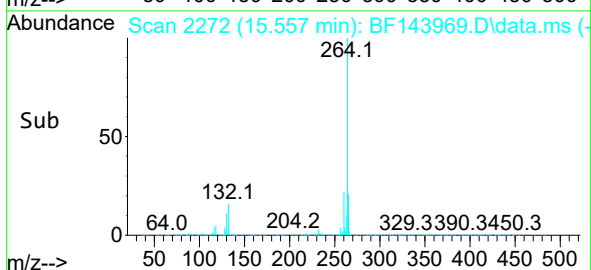
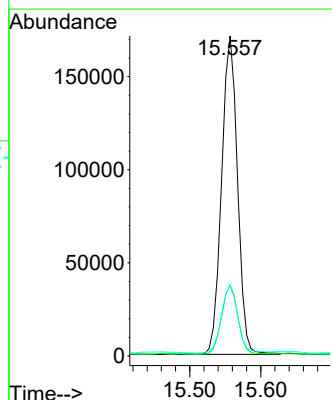
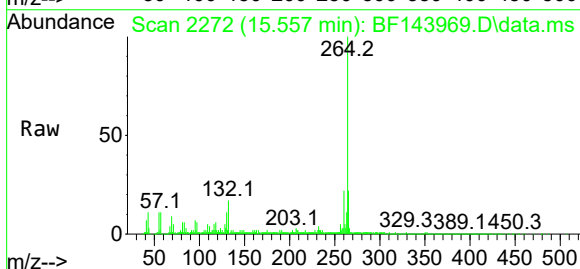
Tgt Ion:264 Resp: 265166

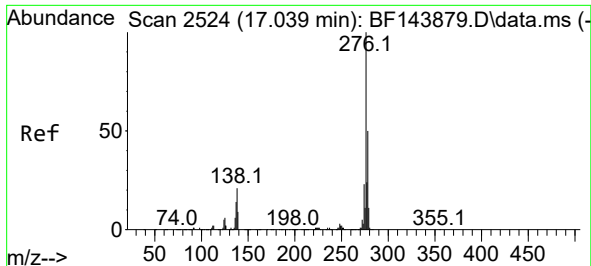
Ion Ratio Lower Upper

264 100

260 22.2 17.8 26.8

265 22.0 17.5 26.3

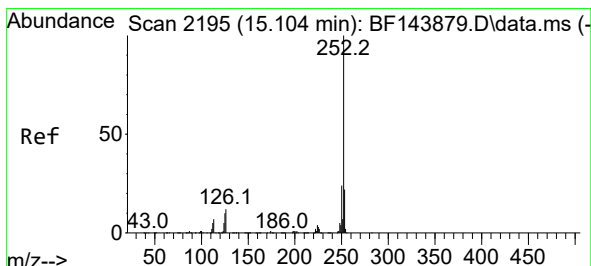
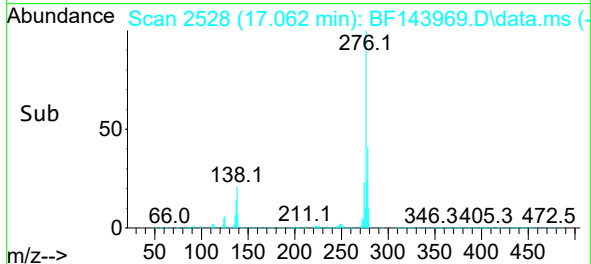
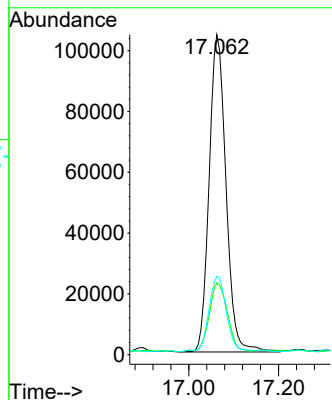
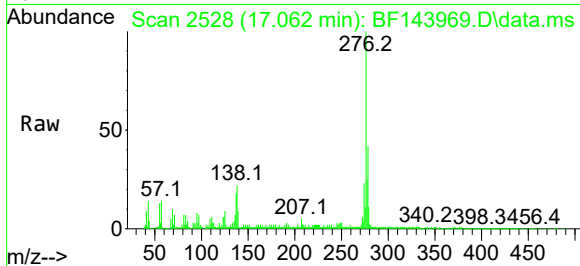




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 16.729 ng
 RT: 17.062 min Scan# 2197
 Delta R.T. 0.006 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

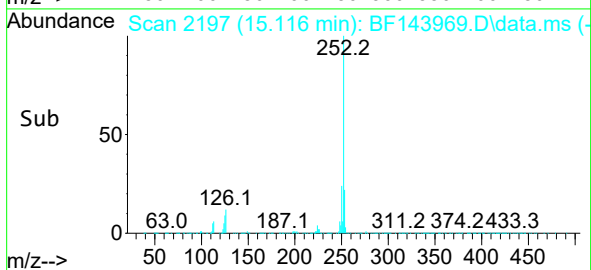
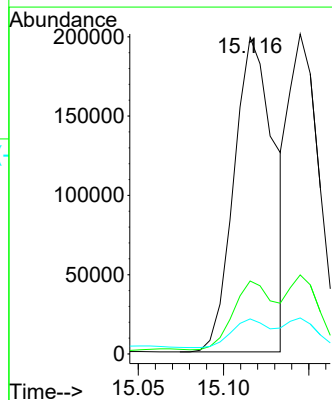
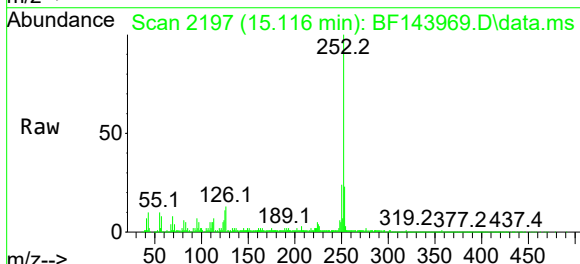
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-1MSD

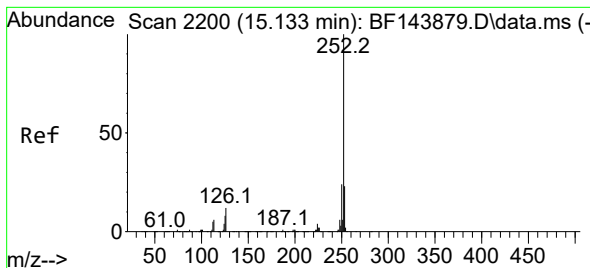
Tgt Ion:276 Resp: 271819
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.2 27.2
 277 23.5 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 21.267 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF143969.D
 Acq: 15 Oct 2025 23:18

Tgt Ion:252 Resp: 323935
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.2
 125 11.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 22.983 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

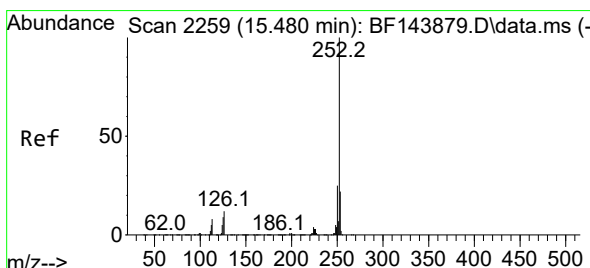
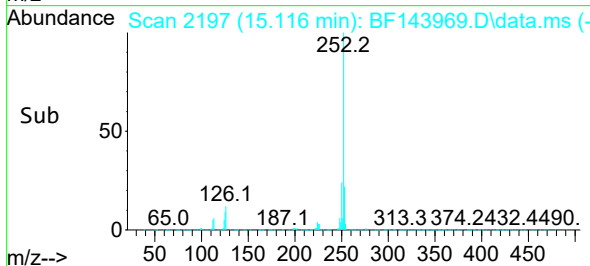
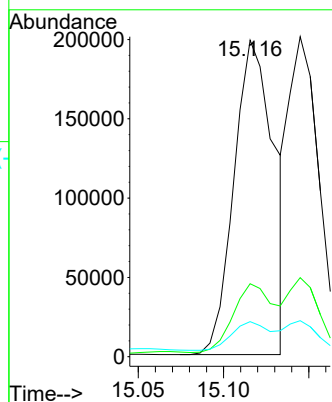
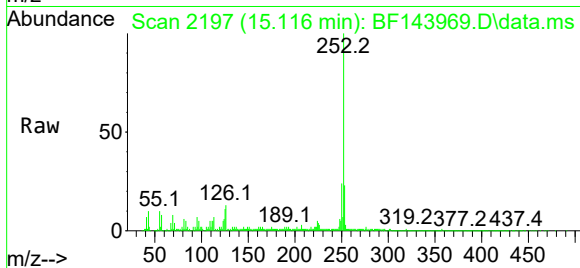
Tgt Ion:252 Resp: 323935

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 19.905 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

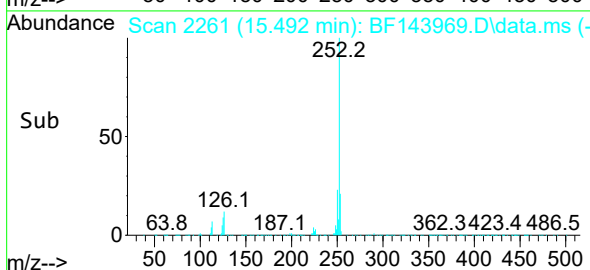
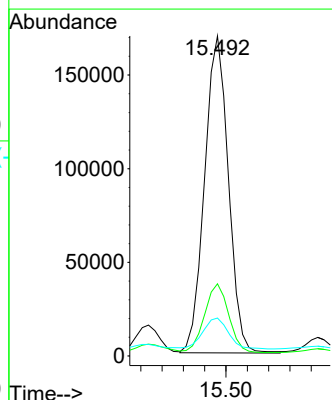
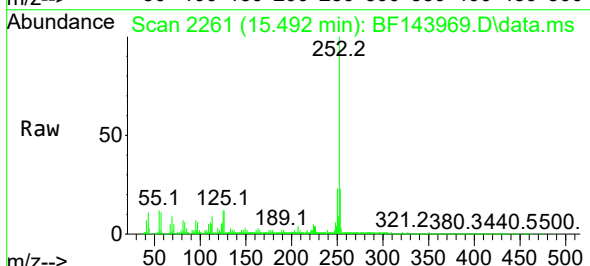
Tgt Ion:252 Resp: 262899

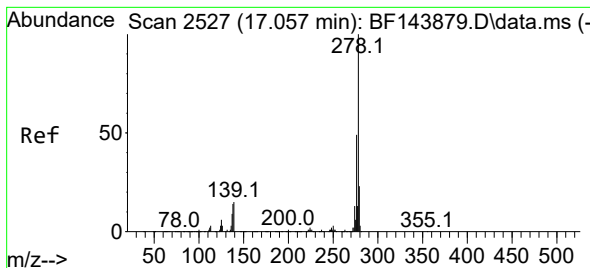
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 11.9 7.0 10.4#





#91

Dibenzo(a,h)anthracene

Concen: 15.676 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-1MSD

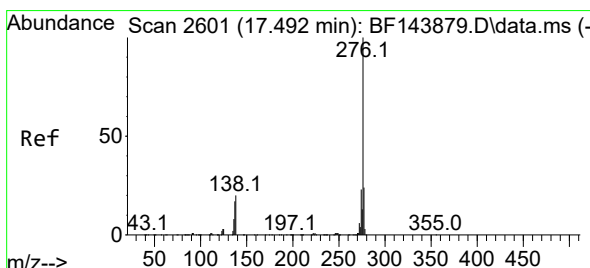
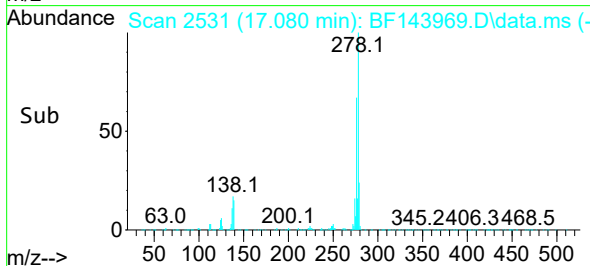
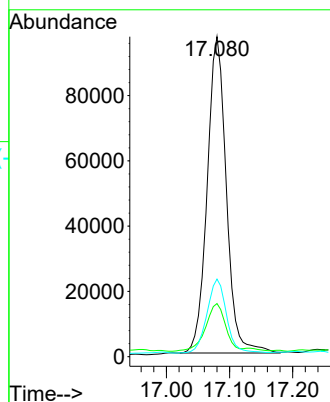
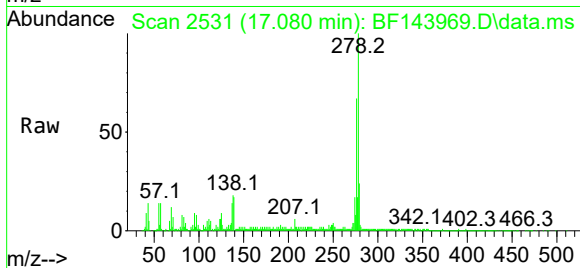
Tgt Ion:278 Resp: 204851

Ion Ratio Lower Upper

278 100

139 16.6 11.7 17.5

279 24.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 16.497 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF143969.D

Acq: 15 Oct 2025 23:18

Tgt Ion:276 Resp: 215573

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 23.1 16.1 24.1

