

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143426.D
 Acq On : 15 Aug 2025 19:56
 Operator : RC/JU
 Sample : PB169229BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BS

Quant Time: Aug 18 01:18:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	127993	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	497000	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272728	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	431486	20.000	ng	0.00
76) Chrysene-d12	14.086	240	215159	20.000	ng	0.00
86) Perylene-d12	15.574	264	268202	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	956660	129.928	ng	0.02
7) Phenol-d6	6.563	99	1215718	131.017	ng	0.00
23) Nitrobenzene-d5	7.486	82	806236	96.260	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	351095	144.633	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1475429	90.994	ng	0.00
79) Terphenyl-d14	13.027	244	1306134	101.977	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.840	88	145152	40.955	ng 99
3) Pyridine	3.598	79	392003	42.171	ng 100
4) n-Nitrosodimethylamine	3.540	42	217303	50.295	ng 99
6) Aniline	6.592	93	461848	36.663	ng 92
8) 2-Chlorophenol	6.716	128	390365	48.022	ng 100
9) Benzaldehyde	6.481	77	217606	44.083	ng 98
10) Phenol	6.581	94	503570	46.506	ng 88
11) bis(2-Chloroethyl)ether	6.657	93	380221	47.372	ng 99
12) 1,3-Dichlorobenzene	6.869	146	430148	47.238	ng 100
13) 1,4-Dichlorobenzene	6.945	146	433844	47.723	ng 100
14) 1,2-Dichlorobenzene	7.098	146	419368	48.297	ng 99
15) Benzyl Alcohol	7.069	79	346306	50.607	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	650738	47.425	ng 97
17) 2-Methylphenol	7.181	107	323024	48.704	ng 99
18) Hexachloroethane	7.439	117	147953	47.813	ng 98
19) n-Nitroso-di-n-propyla...	7.339	70	270217	47.039	ng 98
20) 3+4-Methylphenols	7.333	107	379337	47.844	ng 98
22) Acetophenone	7.333	105	510986	47.819	ng 99
24) Nitrobenzene	7.504	77	420653	48.054	ng 99
25) Isophorone	7.745	82	783259	48.861	ng 100
26) 2-Nitrophenol	7.822	139	209355	51.590	ng 99
27) 2,4-Dimethylphenol	7.863	122	360416	52.529	ng 98
28) bis(2-Chloroethoxy)met...	7.951	93	472864	47.991	ng 99
29) 2,4-Dichlorophenol	8.069	162	336733	48.143	ng 100
30) 1,2,4-Trichlorobenzene	8.151	180	358671	50.047	ng 99
31) Naphthalene	8.233	128	1096744	46.481	ng 100
32) Benzoic acid	7.992	122	189795	53.187	ng 98
33) 4-Chloroaniline	8.275	127	206957	24.300	ng 98
34) Hexachlorobutadiene	8.351	225	220427	48.234	ng 99
35) Caprolactam	8.645	113	59421	29.508	ng 98
36) 4-Chloro-3-methylphenol	8.763	107	354949	49.274	ng 98
37) 2-Methylnaphthalene	8.922	142	677906	42.624	ng 99
38) 1-Methylnaphthalene	9.022	142	701286	46.022	ng 99
40) 1,2,4,5-Tetrachloroben...	9.092	216	350908	46.136	ng 99
41) Hexachlorocyclopentadiene	9.080	237	368240	128.402	ng 98
43) 2,4,6-Trichlorophenol	9.198	196	228647	48.190	ng 99

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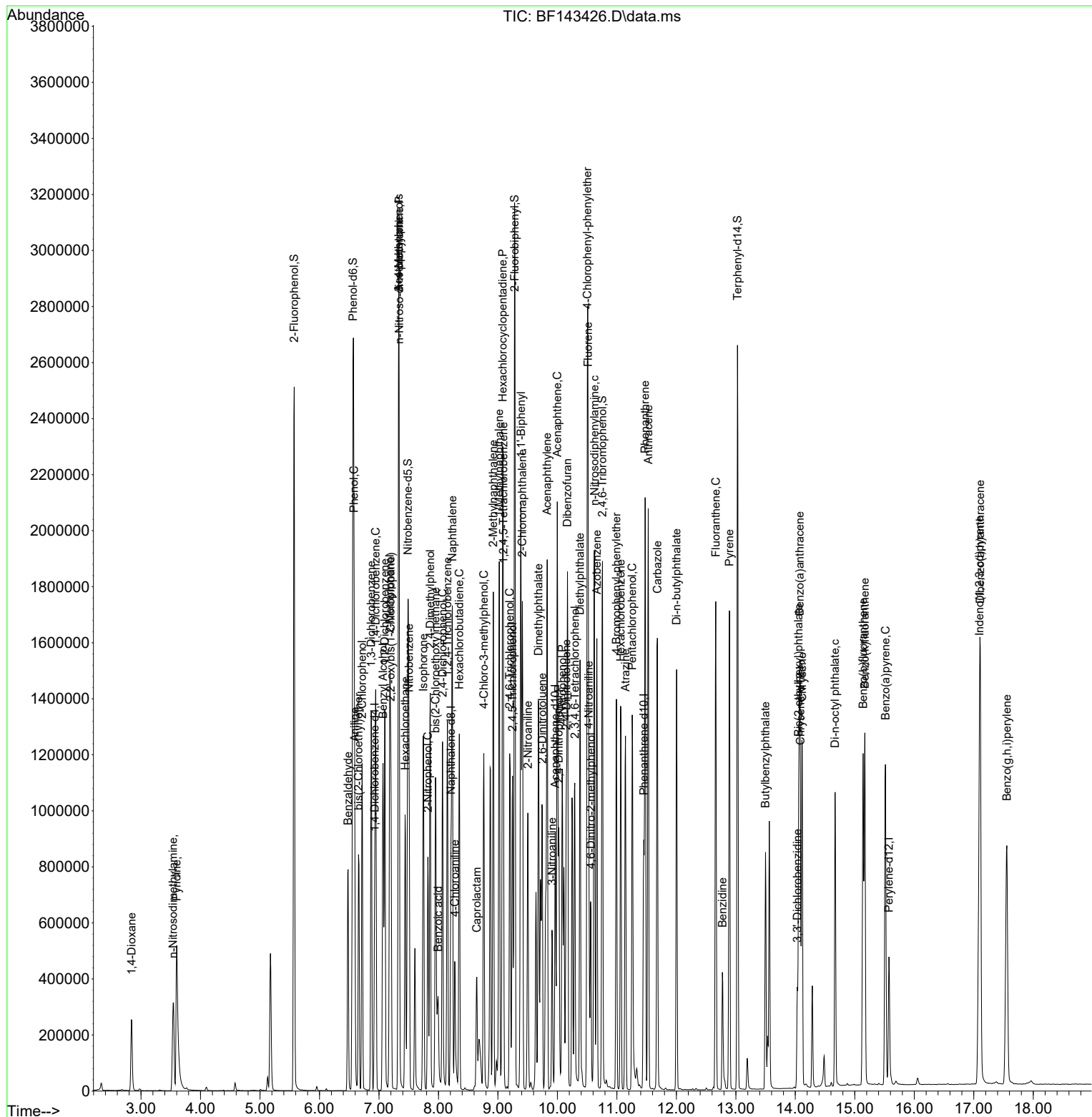
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	250871	49.327	ng	98
46) 1,1'-Biphenyl	9.386	154	917932	47.903	ng	100
47) 2-Chloronaphthalene	9.410	162	710821	46.993	ng	99
48) 2-Nitroaniline	9.504	65	231257	51.375	ng	97
49) Acenaphthylene	9.827	152	1155566	52.912	ng	99
50) Dimethylphthalate	9.680	163	843969	49.635	ng	100
51) 2,6-Dinitrotoluene	9.745	165	188042	56.100	ng	95
52) Acenaphthene	9.998	154	751281	51.147	ng	100
53) 3-Nitroaniline	9.910	138	121510	32.544	ng	98
54) 2,4-Dinitrophenol	10.022	184	173923	109.331	ng	96
55) Dibenzofuran	10.169	168	1008069	47.574	ng	98
56) 4-Nitrophenol	10.080	139	260634	111.031	ng	97
57) 2,4-Dinitrotoluene	10.151	165	251949	56.379	ng	99
58) Fluorene	10.516	166	767018	47.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	217207	56.419	ng	98
60) Diethylphthalate	10.380	149	780141	49.650	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	386304	47.999	ng	97
62) 4-Nitroaniline	10.527	138	181008	51.838	ng	97
63) Azobenzene	10.663	77	795014	50.061	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	127241	57.153	ng	98
66) n-Nitrosodiphenylamine	10.621	169	684441	48.784	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	249357	48.939	ng	99
68) Hexachlorobenzene	11.063	284	265709	49.053	ng	99
69) Atrazine	11.145	200	212006	51.663	ng	99
70) Pentachlorophenol	11.257	266	265624	111.507	ng	100
71) Phenanthrene	11.474	178	1108963	47.461	ng	100
72) Anthracene	11.527	178	1130440	47.900	ng	99
73) Carbazole	11.680	167	954835	47.838	ng	100
74) Di-n-butylphthalate	12.004	149	1022339	51.435	ng	99
75) Fluoranthene	12.663	202	981500	47.275	ng	99
77) Benzidine	12.774	184	247704	40.668	ng	99
78) Pyrene	12.892	202	974901	52.131	ng	100
80) Butylbenzylphthalate	13.498	149	263720	56.934	ng	100
81) Benzo(a)anthracene	14.074	228	683934	49.929	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	112493	28.049	ng	100
83) Chrysene	14.115	228	647203	51.107	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	352947	53.654	ng	99
85) Di-n-octyl phthalate	14.668	149	697398	52.270	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	992843	49.364	ng	100
88) Benzo(b)fluoranthene	15.139	252	716884	49.872	ng	99
89) Benzo(k)fluoranthene	15.168	252	726684	51.255	ng	99
90) Benzo(a)pyrene	15.515	252	730252	53.338	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	808184	50.038	ng	100
92) Benzo(g,h,i)perylene	17.556	276	824368	51.092	ng	99

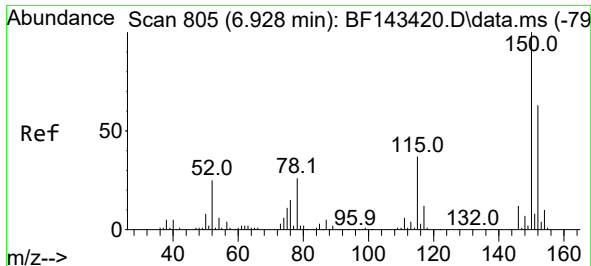
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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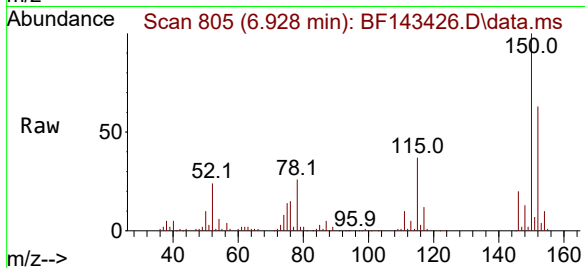
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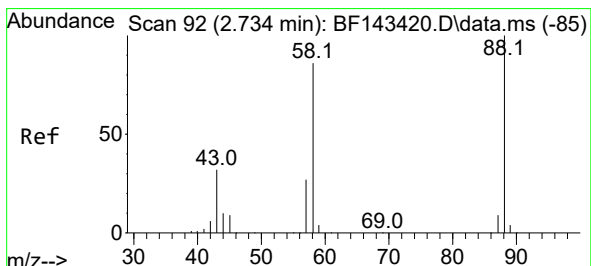
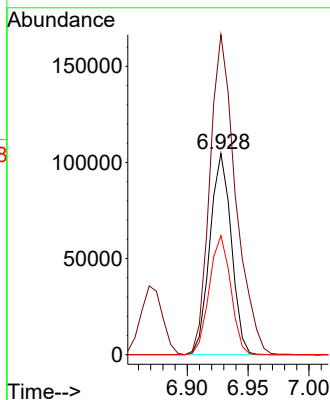
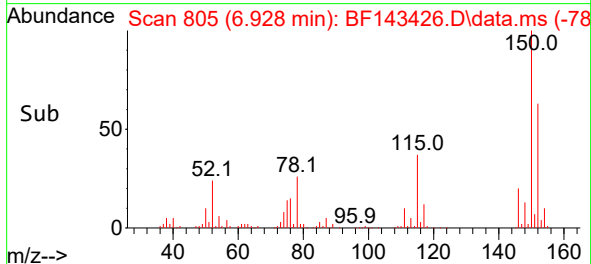


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

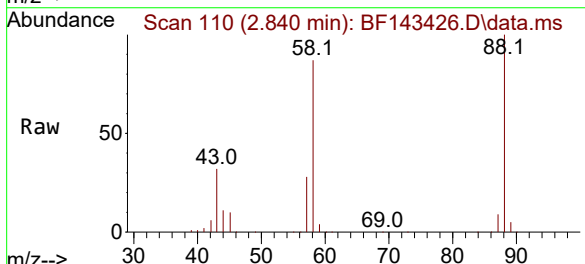
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BNA_F
ClientSampleId :
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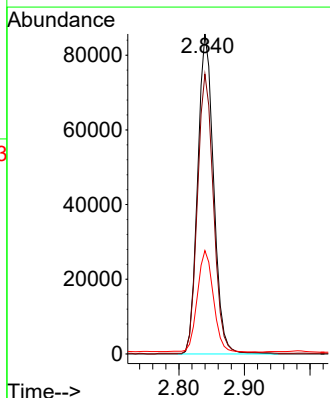
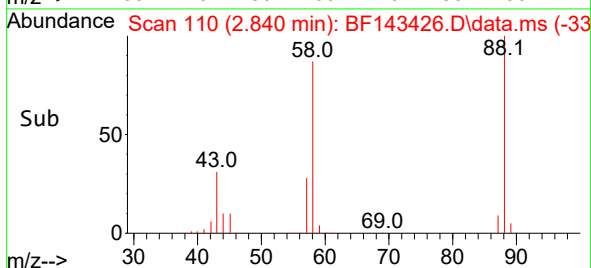
Tgt Ion:152 Resp: 127993
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 59.1 47.5 71.3

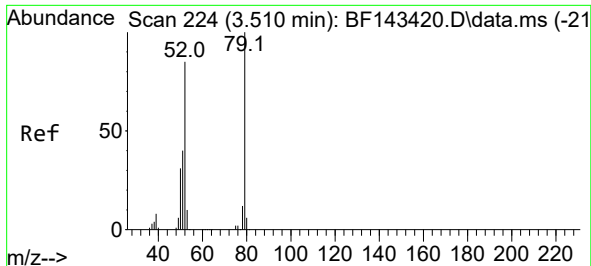


#2
1,4-Dioxane
Concen: 40.955 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.106 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56



Tgt Ion: 88 Resp: 145152
Ion Ratio Lower Upper
88 100
58 87.4 68.7 103.1
43 31.9 26.1 39.1





#3

Pyridine

Concen: 42.171 ng

RT: 3.598 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

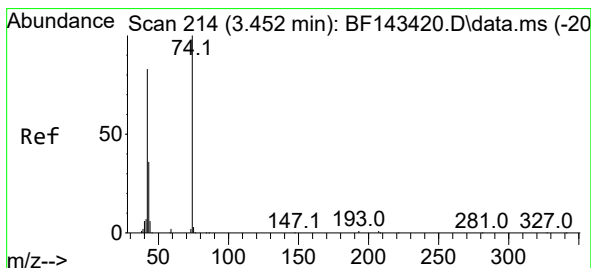
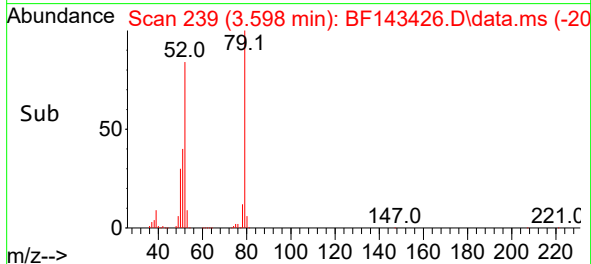
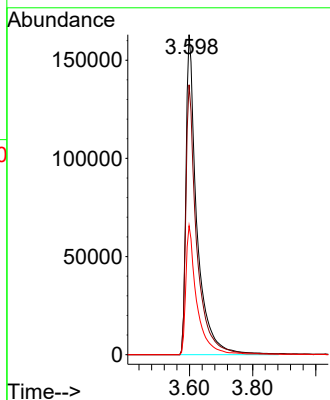
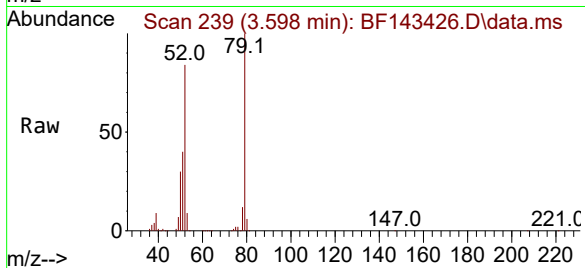
Tgt Ion: 79 Resp: 392003

Ion Ratio Lower Upper

79 100

52 84.4 67.7 101.5

51 40.3 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 50.295 ng

RT: 3.540 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

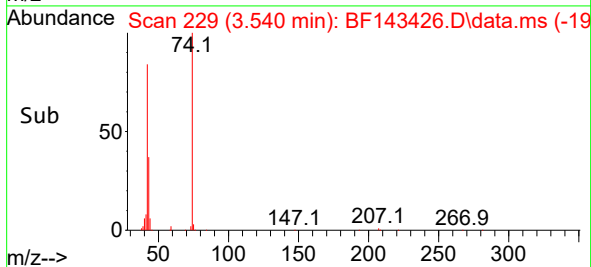
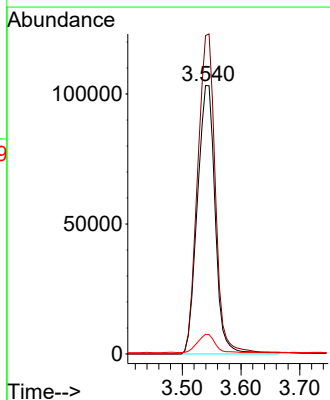
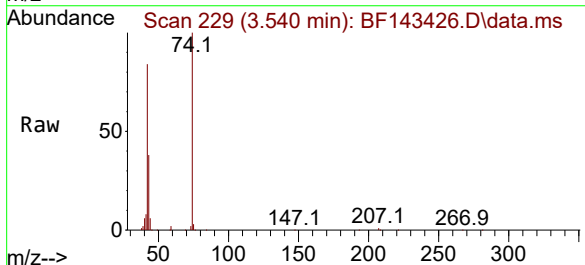
Tgt Ion: 42 Resp: 217303

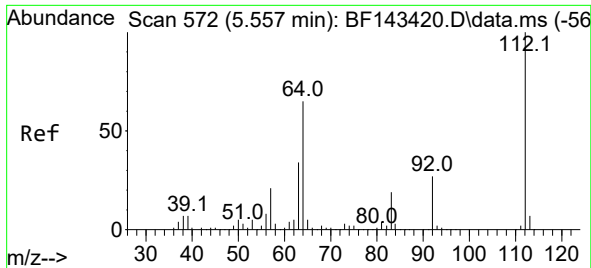
Ion Ratio Lower Upper

42 100

74 118.6 96.2 144.4

44 7.3 5.9 8.9

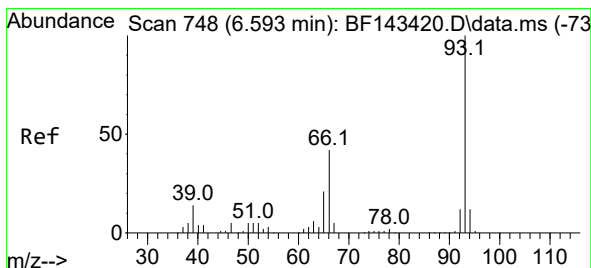
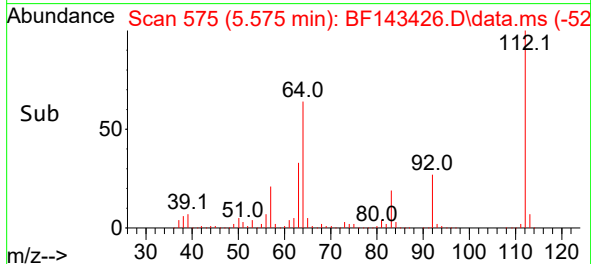
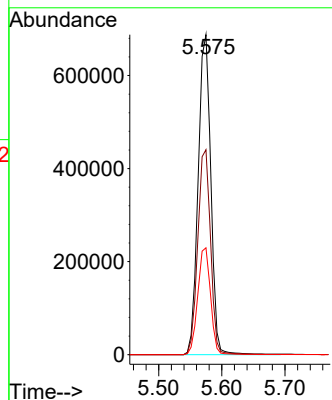
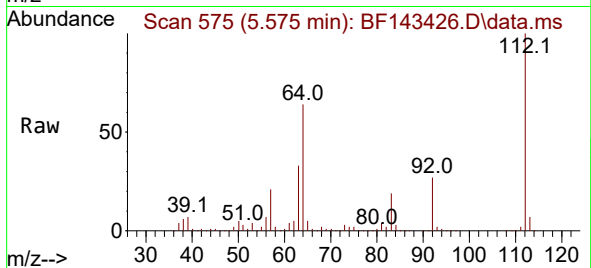




#5
2-Fluorophenol
Concen: 129.928 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

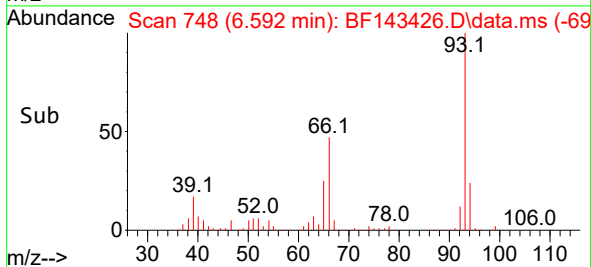
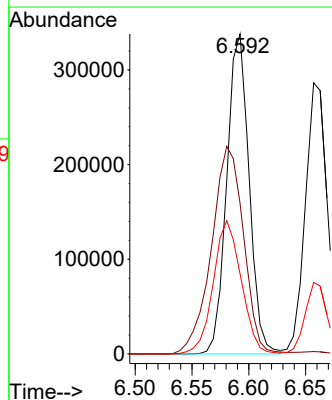
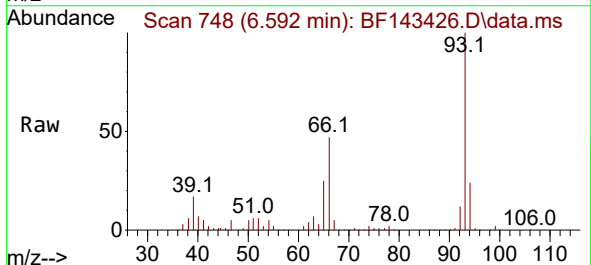
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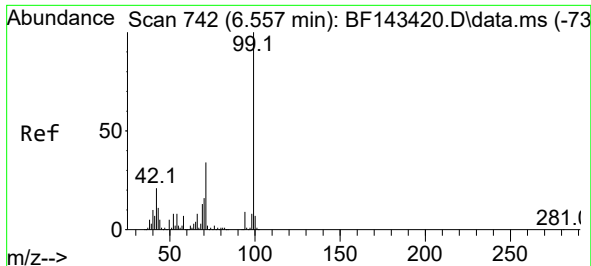
Tgt Ion:112 Resp: 956660
Ion Ratio Lower Upper
112 100
64 64.1 52.2 78.2
63 33.4 27.0 40.6



#6
Aniline
Concen: 36.663 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion: 93 Resp: 461848
Ion Ratio Lower Upper
93 100
66 47.1 33.8 50.8
65 25.1 17.2 25.8

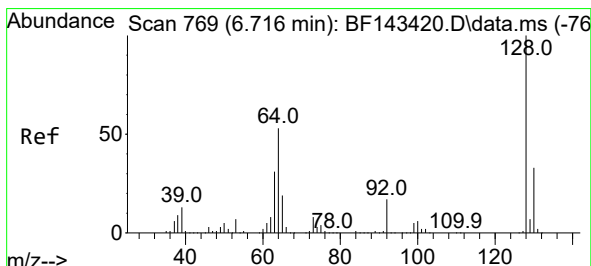
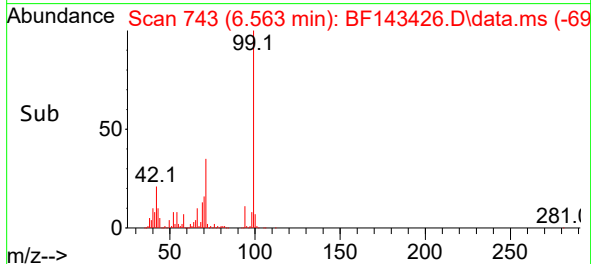
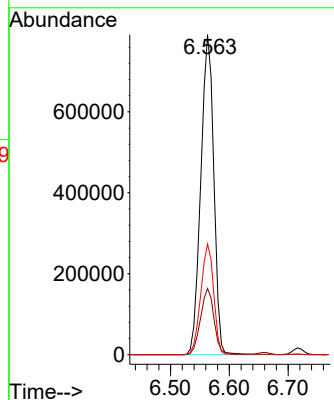
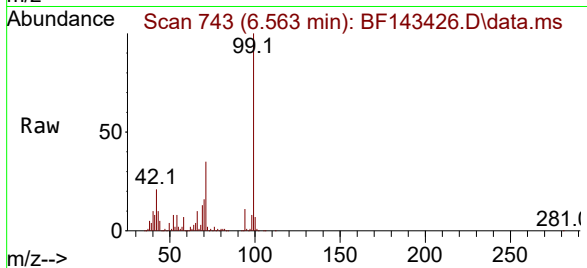




#7
Phenol-d6
Concen: 131.017 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

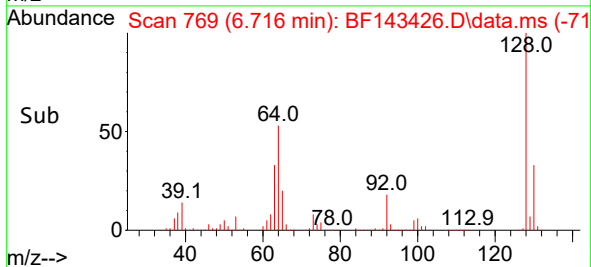
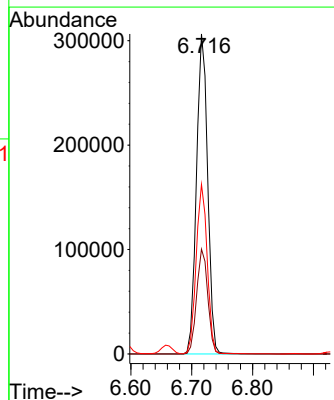
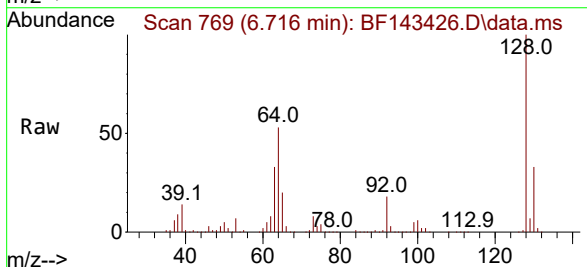
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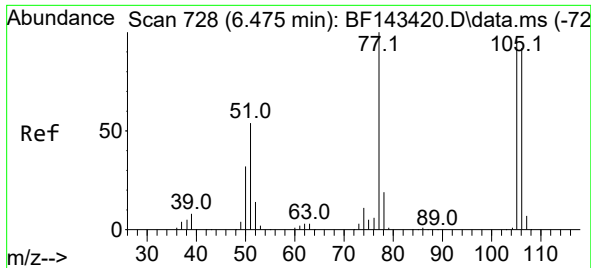
Tgt Ion: 99 Resp: 1215718
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 34.6 27.4 41.2



#8
2-Chlorophenol
Concen: 48.022 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion: 128 Resp: 390365
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 53.0 33.1 73.1

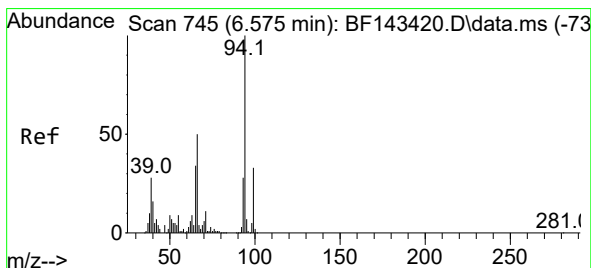
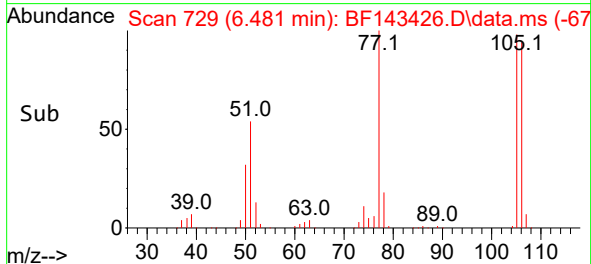
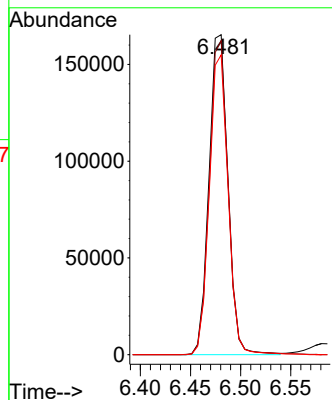
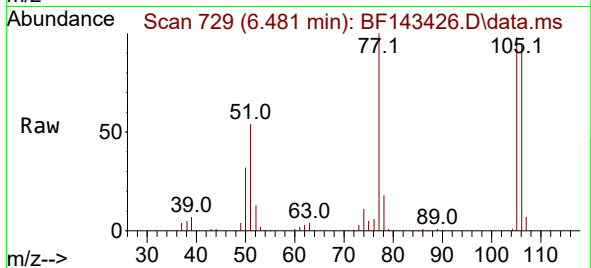




#9
Benzaldehyde
Concen: 44.083 ng
RT: 6.481 min Scan# 71
Delta R.T. 0.006 min
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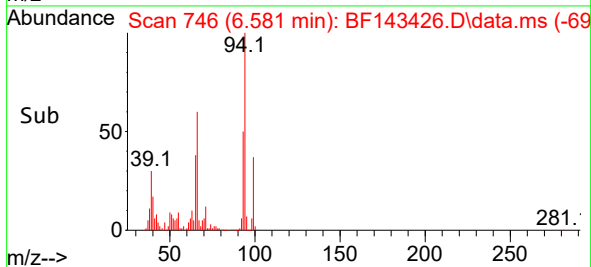
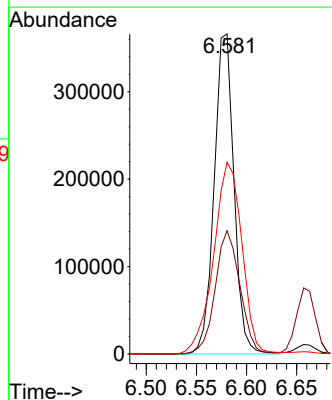
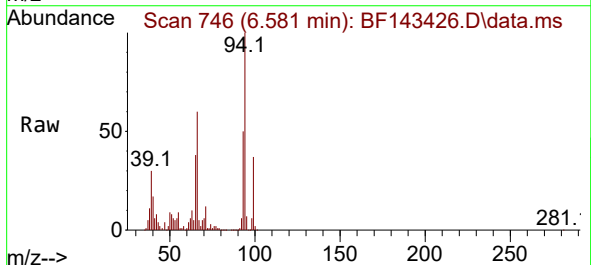
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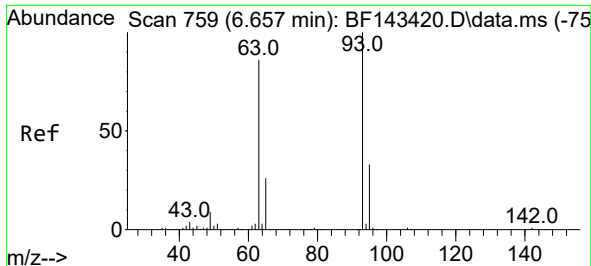
Tgt Ion: 77 Resp: 217606
Ion Ratio Lower Upper
77 100
105 98.1 75.5 115.5
106 93.7 72.0 112.0



#10
Phenol
Concen: 46.506 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion: 94 Resp: 503570
Ion Ratio Lower Upper
94 100
65 38.5 13.7 53.7
66 59.9 30.3 70.3

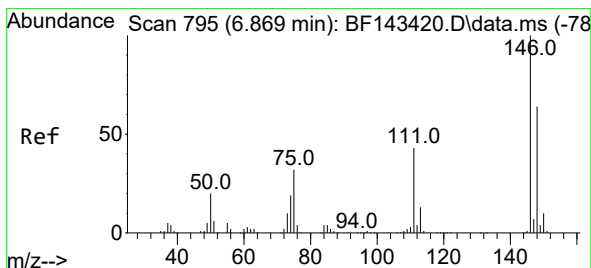
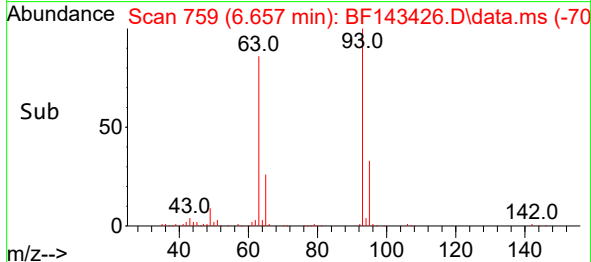
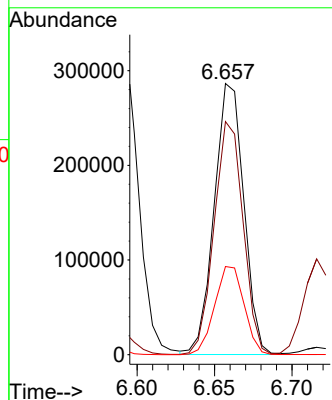
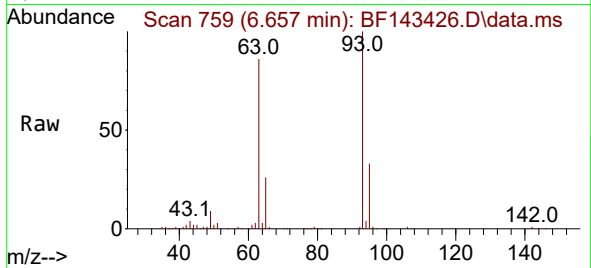




#11
bis(2-Chloroethyl)ether
Concen: 47.372 ng
RT: 6.657 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

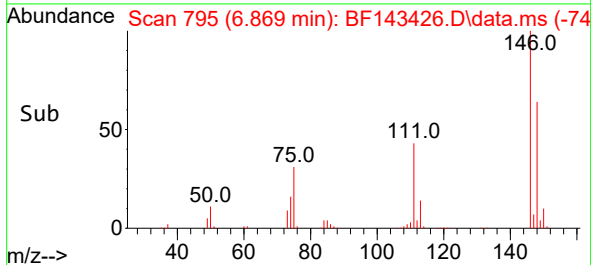
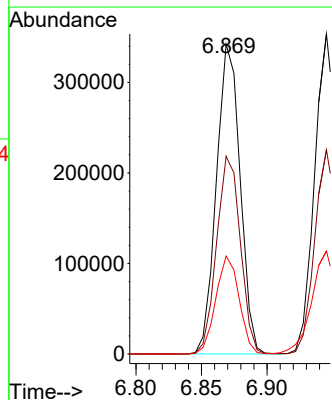
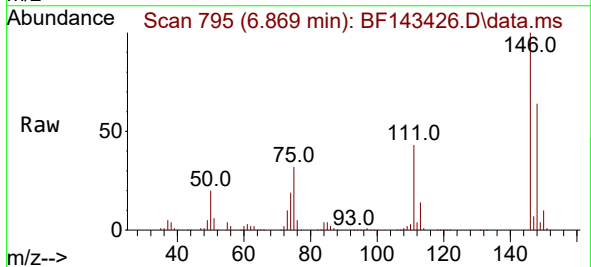
Instrument :
BNA_F
ClientSampleId :
PB169229BS

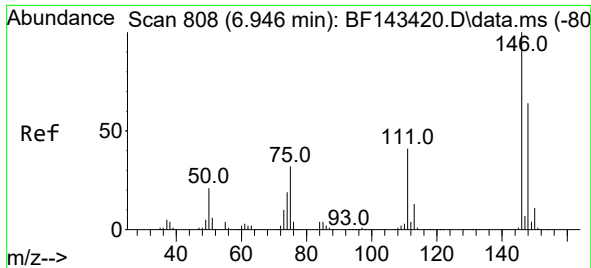
Tgt Ion: 93 Resp: 380221
Ion Ratio Lower Upper
93 100
63 86.0 65.4 105.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.238 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:146 Resp: 430148
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 31.6 25.3 37.9

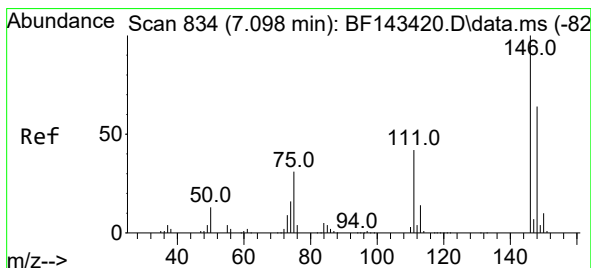
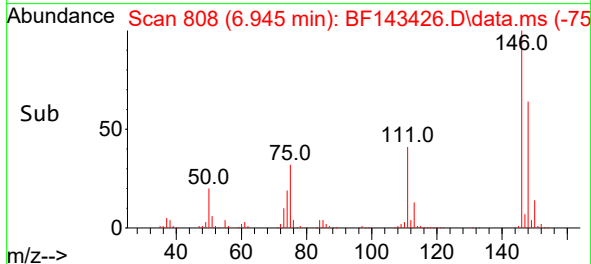
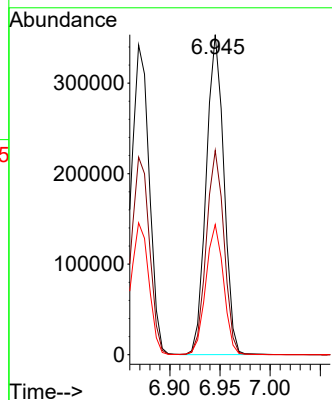
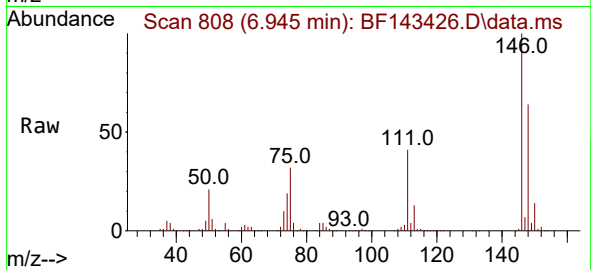




#13
1,4-Dichlorobenzene
Concen: 47.723 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

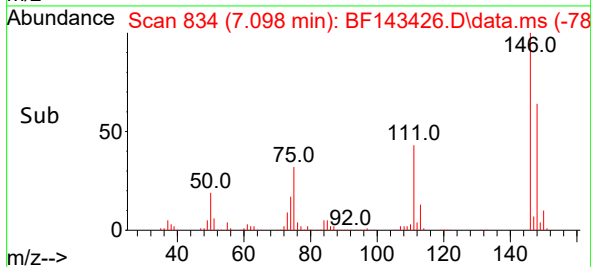
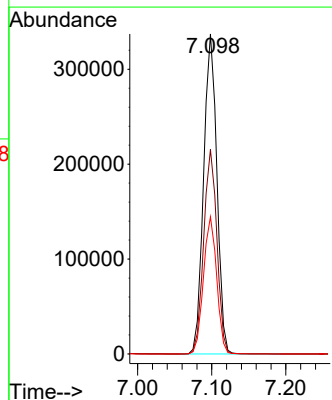
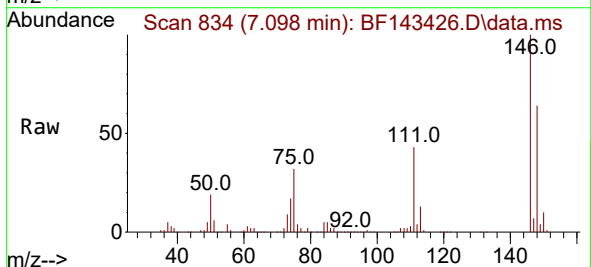
Instrument :
BNA_F
ClientSampleId :
PB169229BS

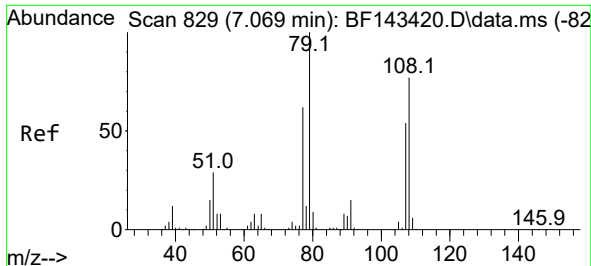
Tgt Ion:146 Resp: 433844
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 40.6 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 48.297 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:146 Resp: 419368
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 42.9 33.9 50.9

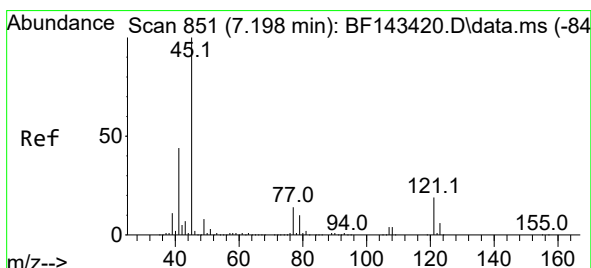
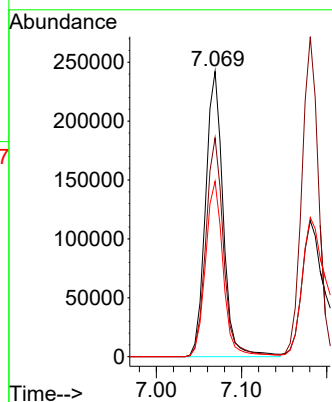
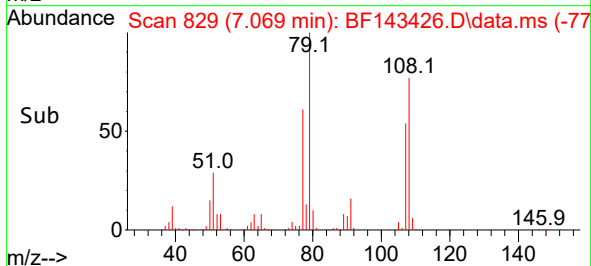
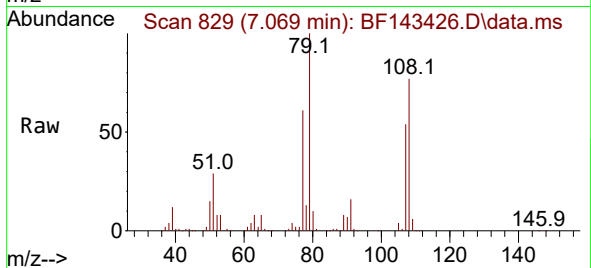




#15
Benzyl Alcohol
Concen: 50.607 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

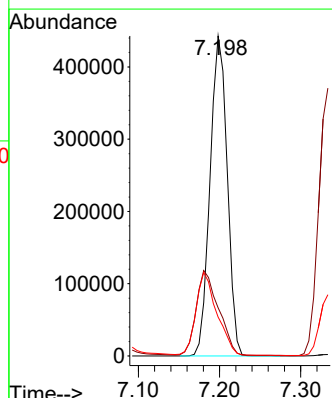
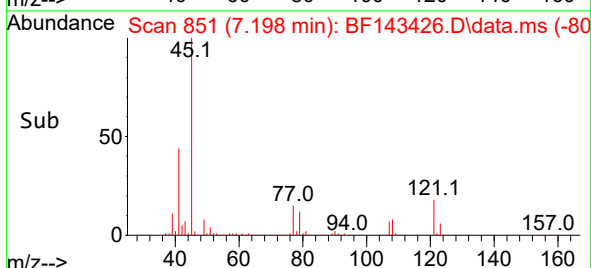
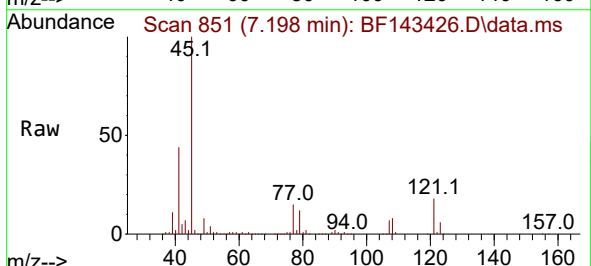
Instrument :
BNA_F
ClientSampleId :
PB169229BS

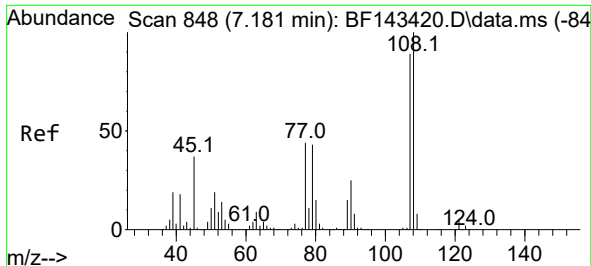
Tgt Ion: 79 Resp: 346306
Ion Ratio Lower Upper
79 100
108 76.7 61.9 92.9
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.425 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion: 45 Resp: 650738
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.9
79 12.1 0.0 30.7

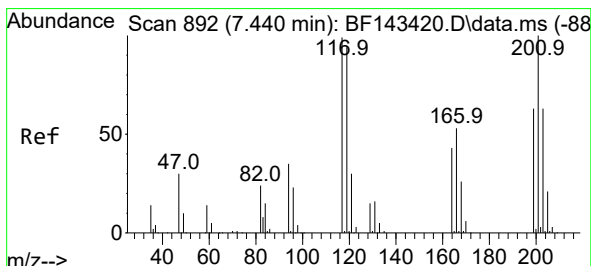
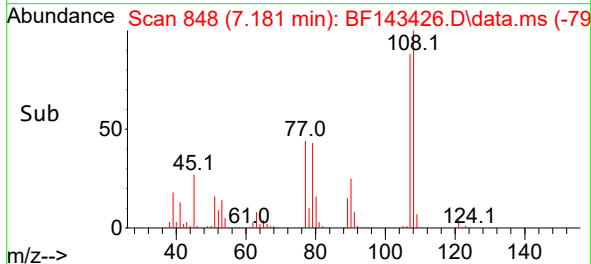
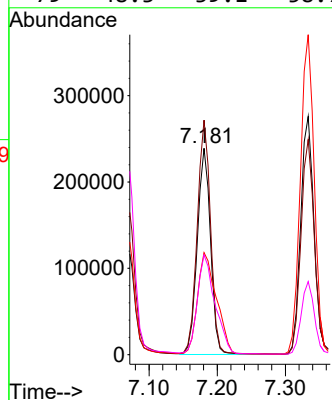
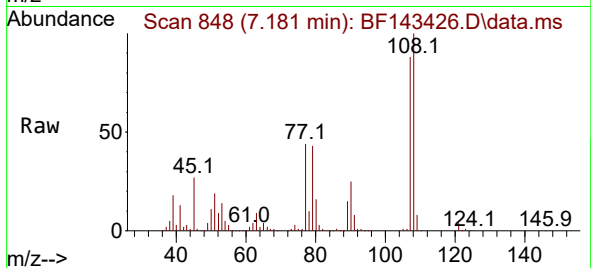




#17
2-Methylphenol
Concen: 48.704 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

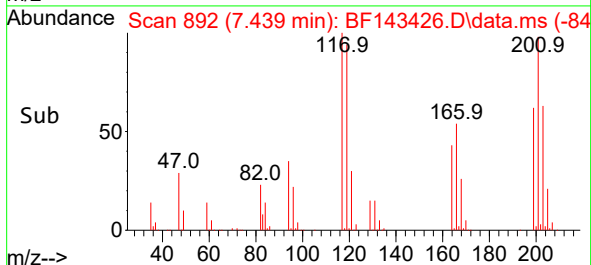
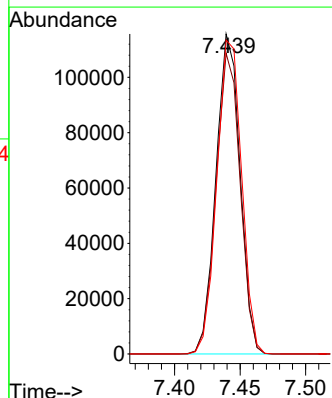
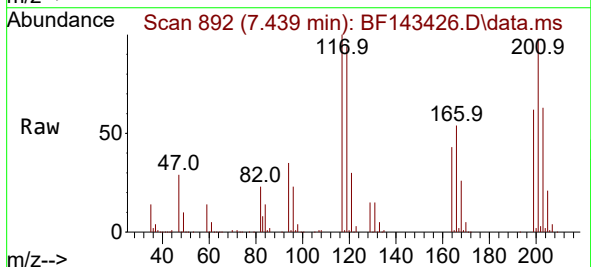
Instrument :
BNA_F
ClientSampleId :
PB169229BS

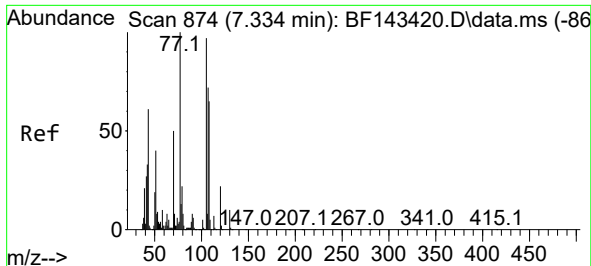
Tgt Ion:	107	Resp:	323024
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.1	135.1
77	49.5	39.9	59.9
79	48.3	39.1	58.7



#18
Hexachloroethane
Concen: 47.813 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:	117	Resp:	147953
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	114.8
201	98.1	81.0	121.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.039 ng

RT: 7.339 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

Tgt Ion: 70 Resp: 270217

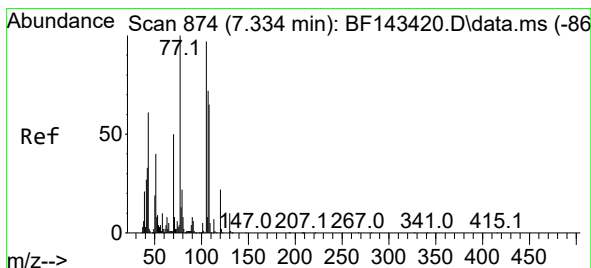
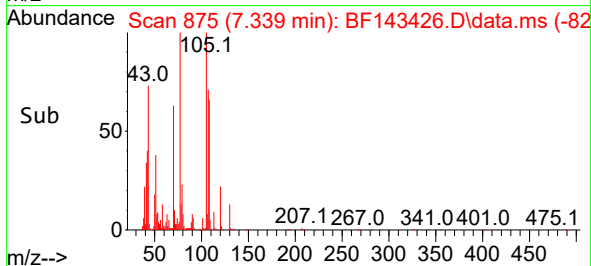
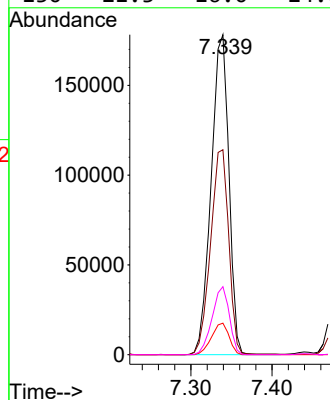
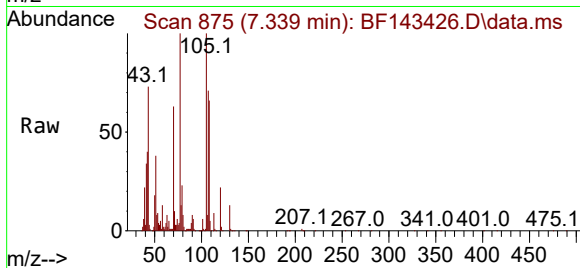
Ion Ratio Lower Upper

70 100

42 64.1 52.5 78.7

101 9.9 7.9 11.9

130 21.3 16.0 24.0



#20

3+4-Methylphenols

Concen: 47.844 ng

RT: 7.333 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Tgt Ion:107 Resp: 379337

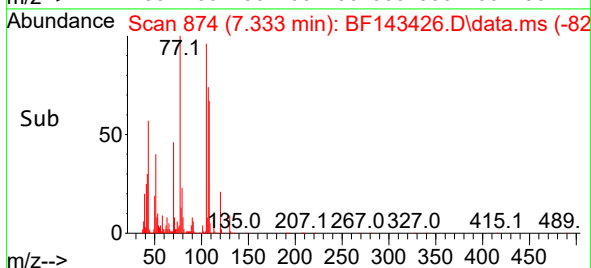
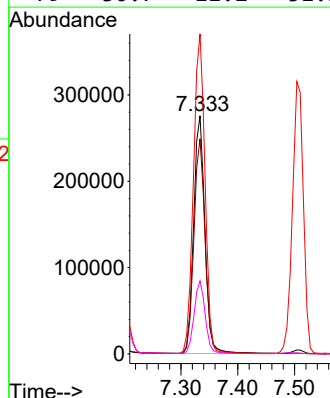
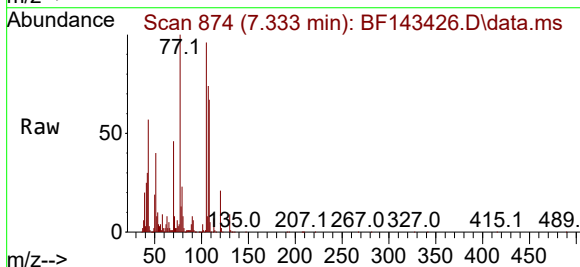
Ion Ratio Lower Upper

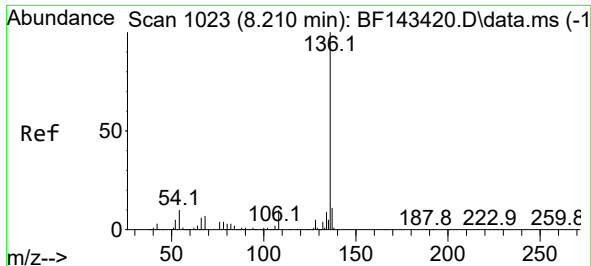
107 100

108 90.3 70.8 110.8

77 134.3 119.1 159.1

79 30.7 11.2 51.2

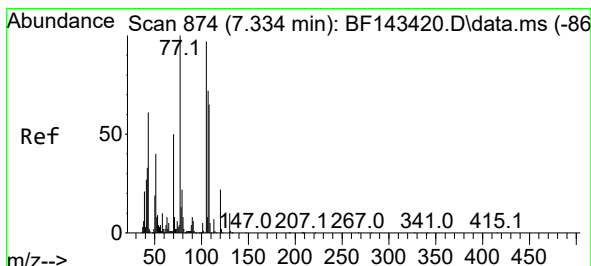
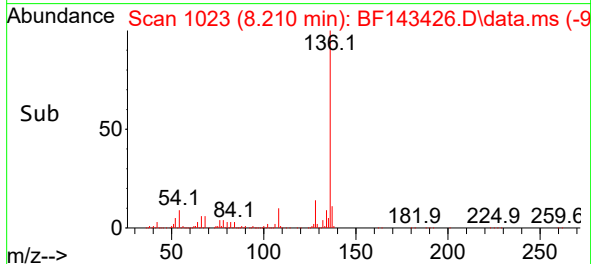
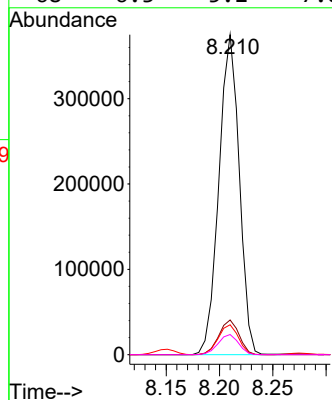
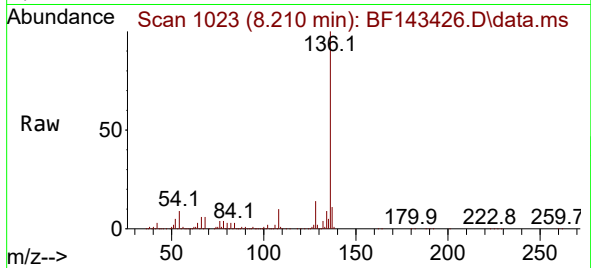




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

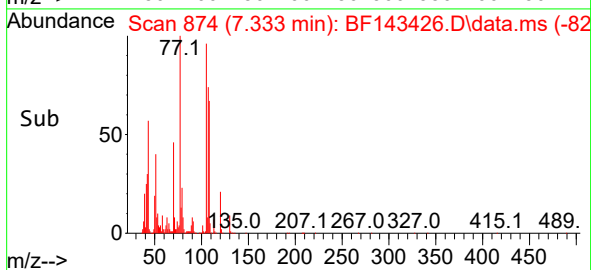
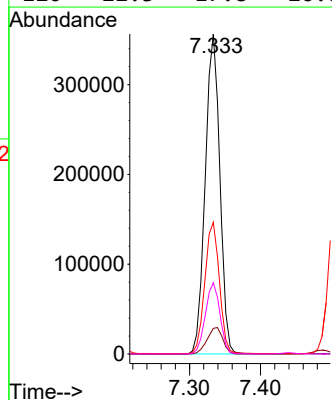
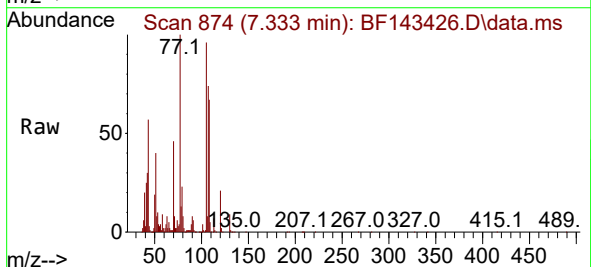
Instrument :
BNA_F
ClientSampleId :
PB169229BS

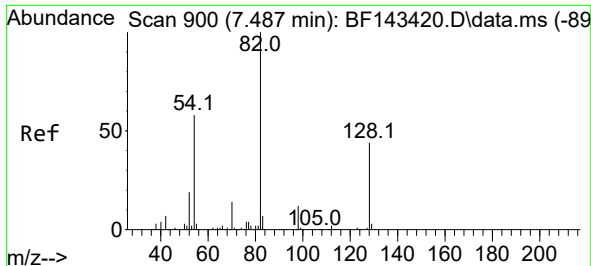
Tgt Ion:	136	Resp:	497000
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.3	7.8	11.8
68	6.3	5.2	7.8



#22
Acetophenone
Concen: 47.819 ng
RT: 7.333 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:	105	Resp:	510986
Ion Ratio	Lower	Upper	
105	100		
71	8.0	7.0	10.4
51	41.2	32.7	49.1
120	22.3	17.8	26.8





#23

Nitrobenzene-d5

Concen: 96.260 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

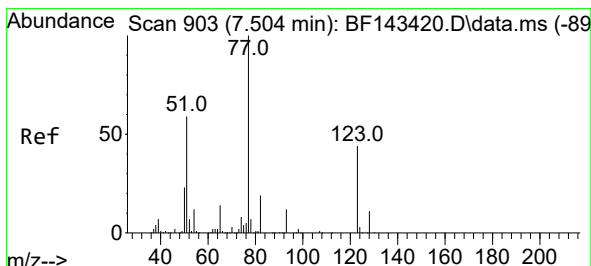
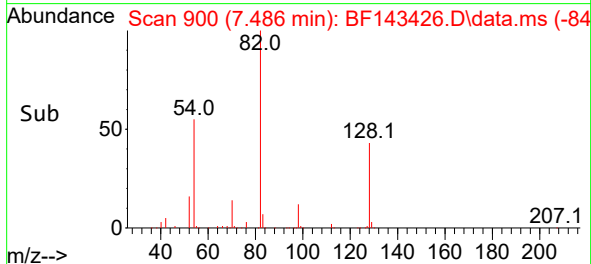
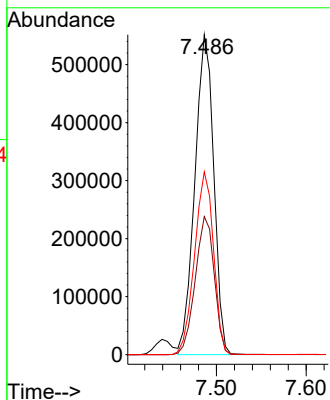
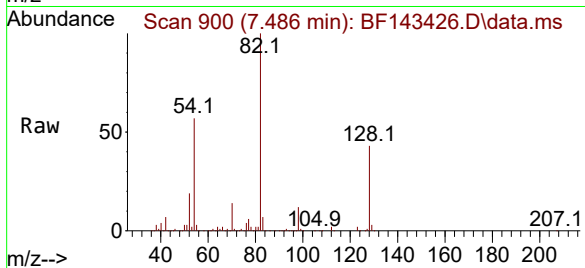
Tgt Ion: 82 Resp: 806236

Ion Ratio Lower Upper

82 100

128 43.1 34.6 52.0

54 57.2 46.0 69.0



#24

Nitrobenzene

Concen: 48.054 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

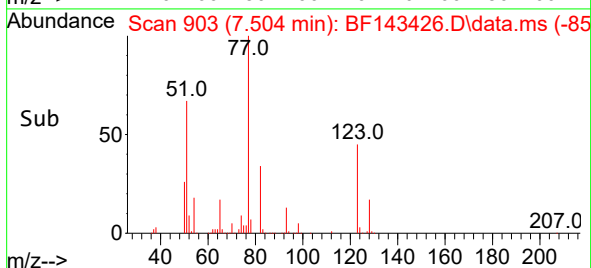
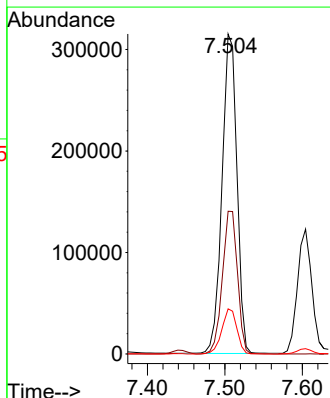
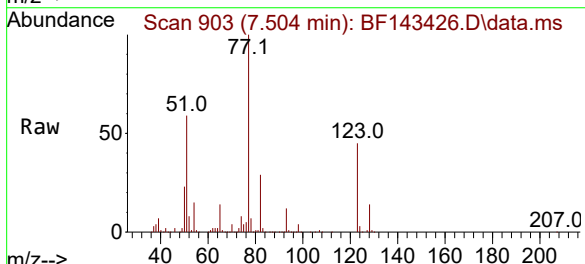
Tgt Ion: 77 Resp: 420653

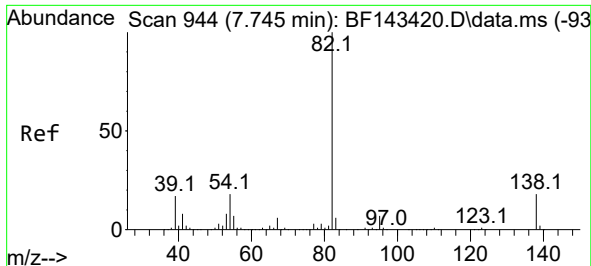
Ion Ratio Lower Upper

77 100

123 44.6 35.4 53.0

65 14.1 11.2 16.8

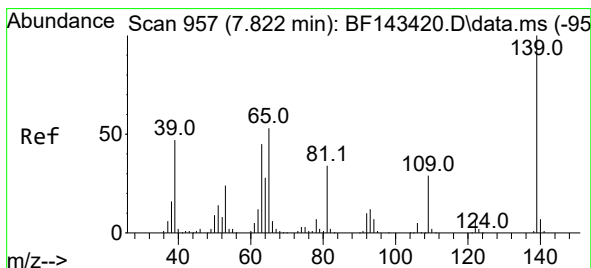
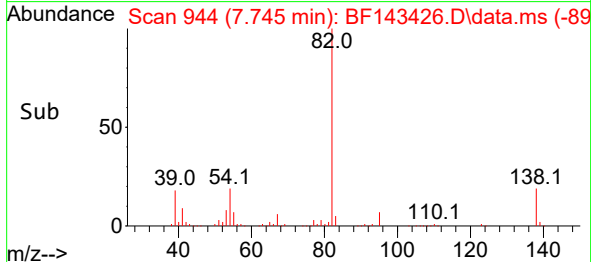
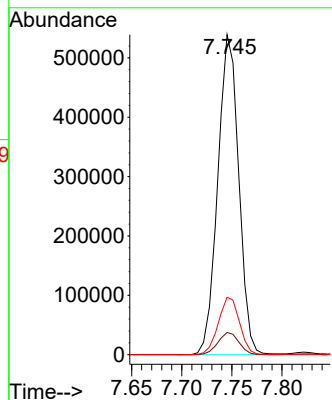
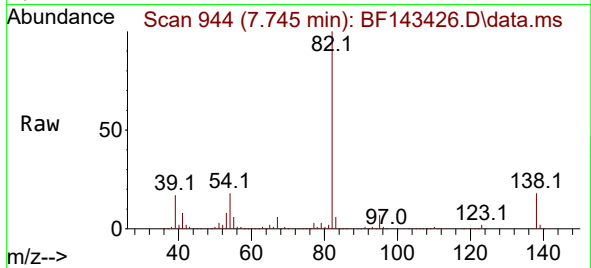




#25
Isophorone
Concen: 48.861 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

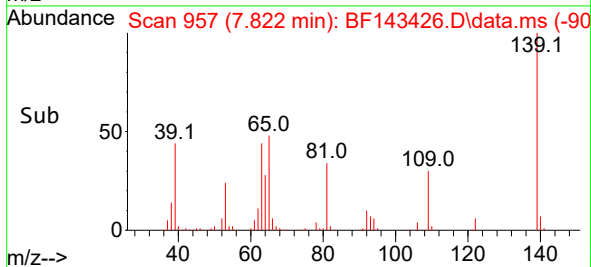
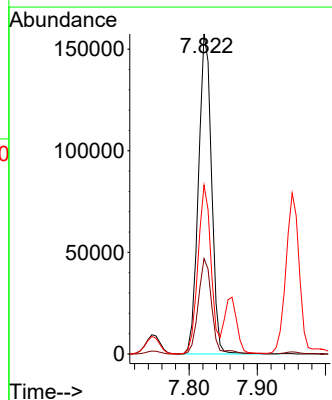
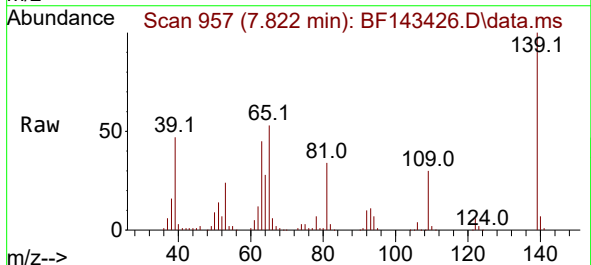
Instrument :
BNA_F
ClientSampleId :
PB169229BS

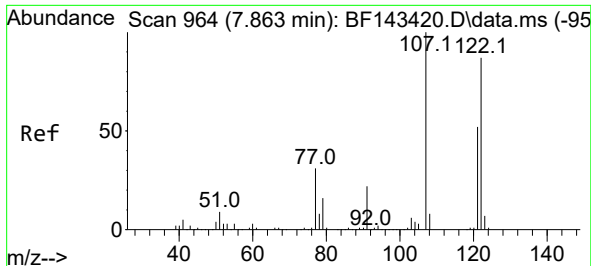
Tgt Ion: 82 Resp: 783259
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.9 14.3 21.5



#26
2-Nitrophenol
Concen: 51.590 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:139 Resp: 209355
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.4
65 52.7 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 52.529 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

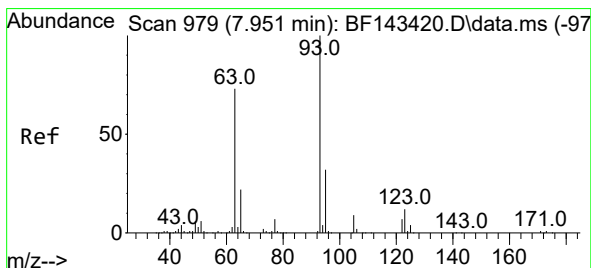
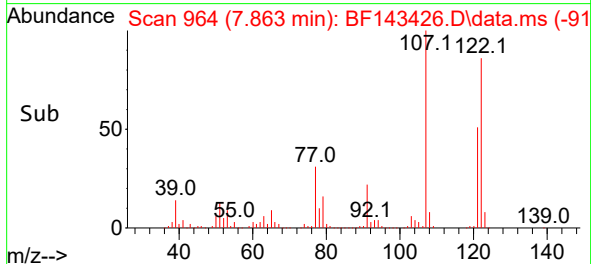
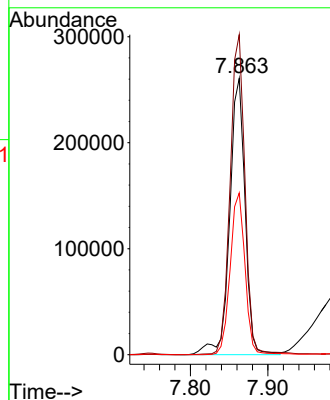
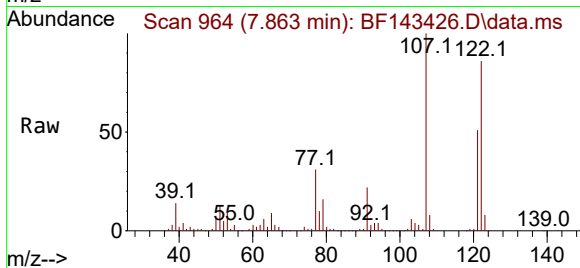
Tgt Ion:122 Resp: 360416

Ion Ratio Lower Upper

122 100

107 115.8 90.4 135.6

121 58.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.991 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

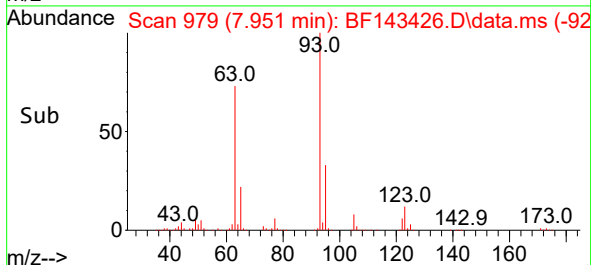
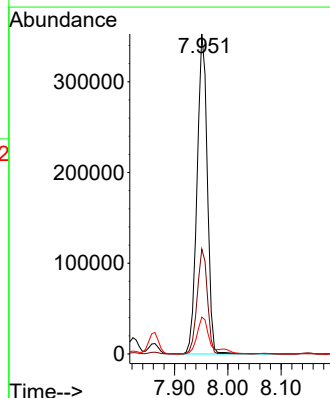
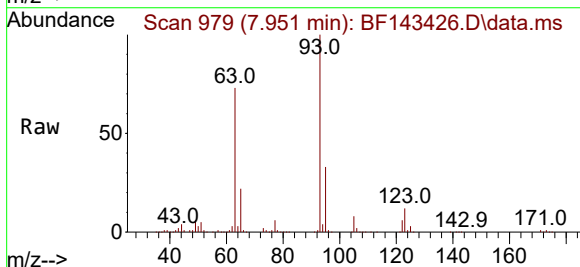
Tgt Ion: 93 Resp: 472864

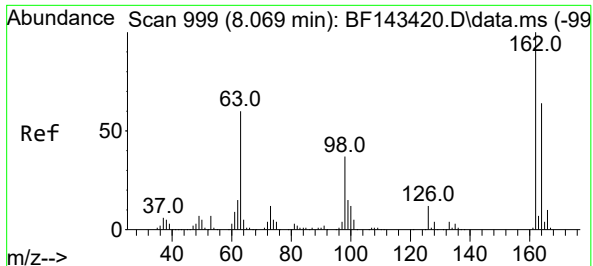
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 48.143 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

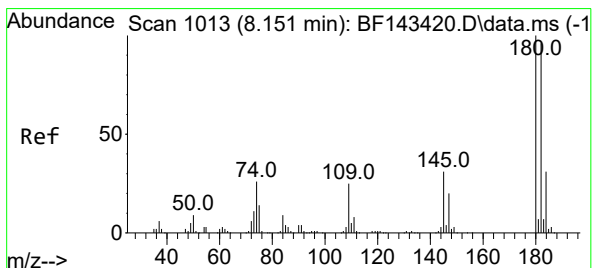
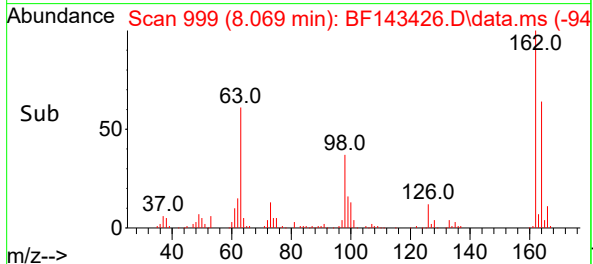
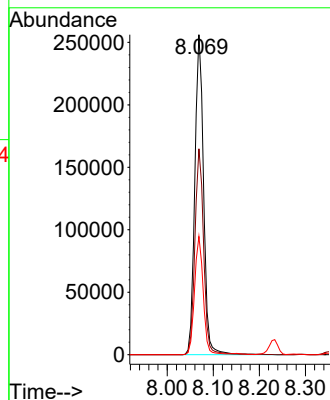
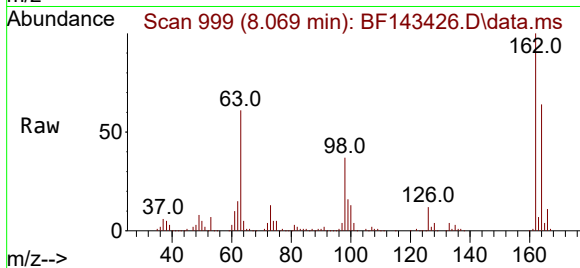
Tgt Ion:162 Resp: 336733

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 37.0 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 50.047 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

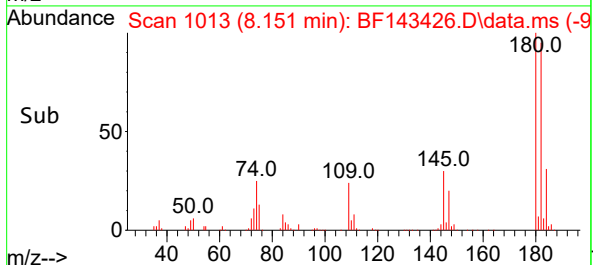
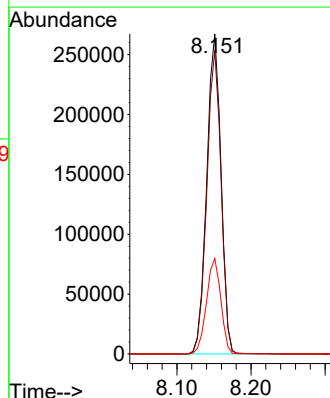
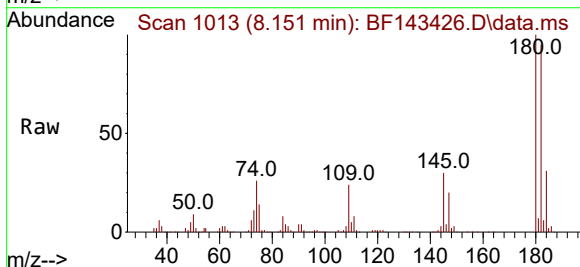
Tgt Ion:180 Resp: 358671

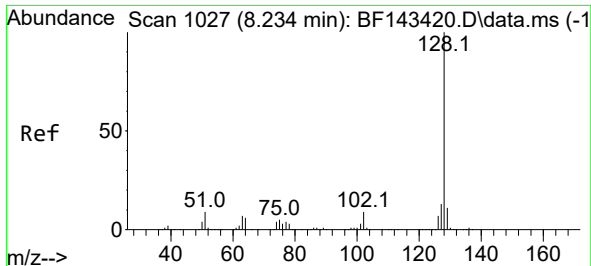
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

145 29.8 24.5 36.7

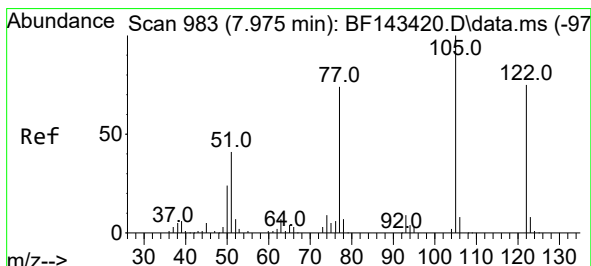
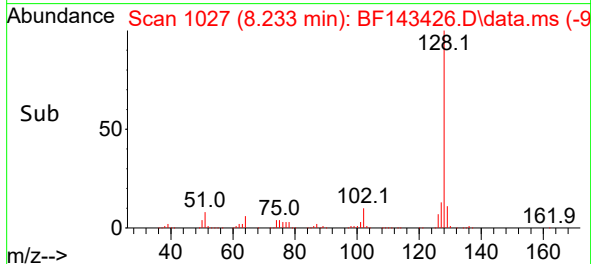
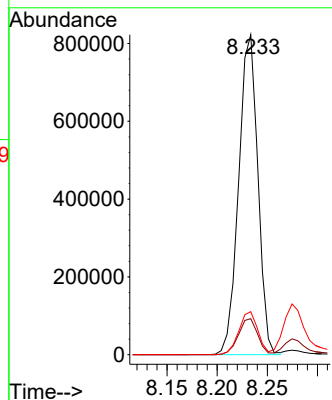
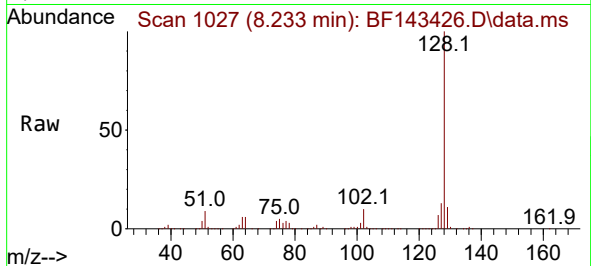




#31
Naphthalene
Concen: 46.481 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

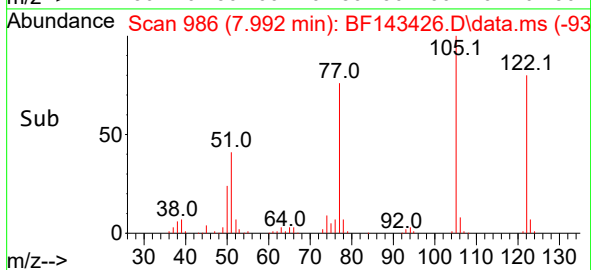
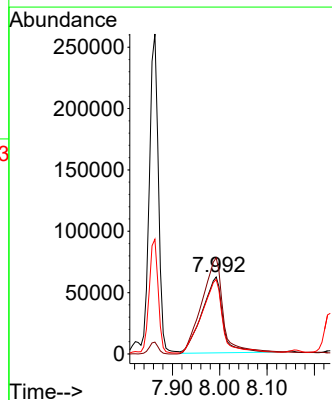
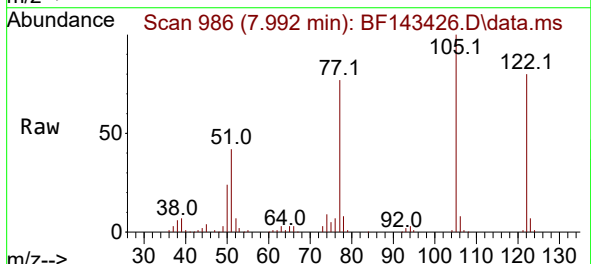
Instrument :
BNA_F
ClientSampleId :
PB169229BS

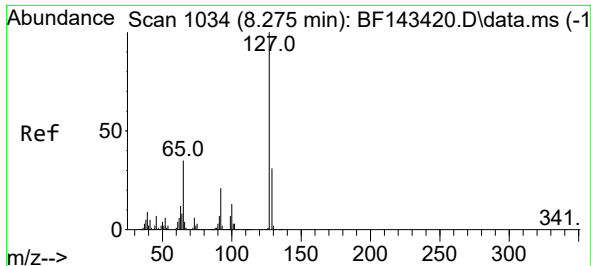
Tgt Ion:128 Resp: 1096744
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 53.187 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:122 Resp: 189795
Ion Ratio Lower Upper
122 100
105 125.1 108.4 148.4
77 96.9 75.9 115.9

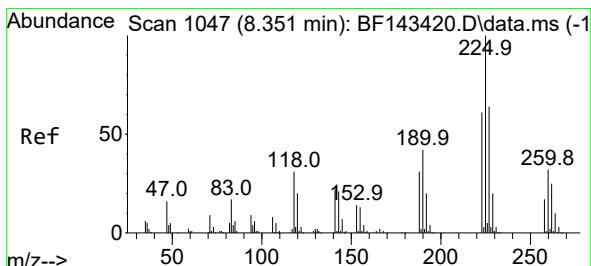
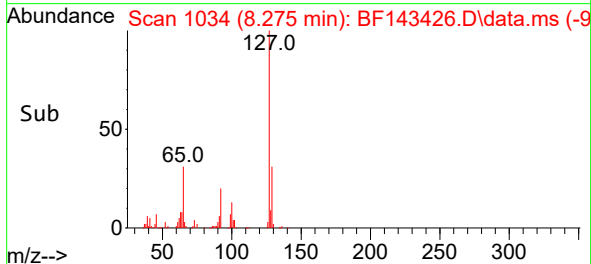
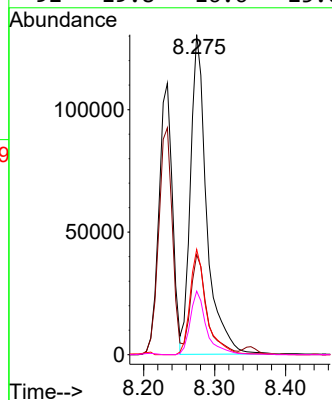
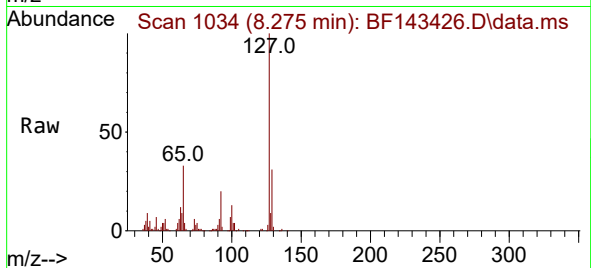




#33
4-Chloroaniline
Concen: 24.300 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

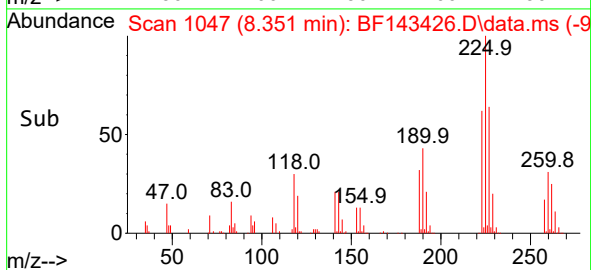
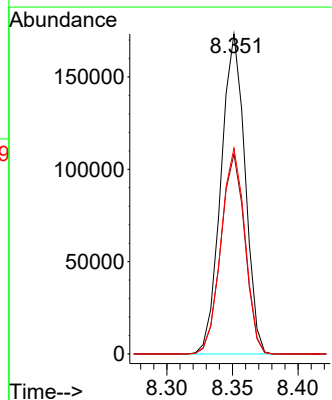
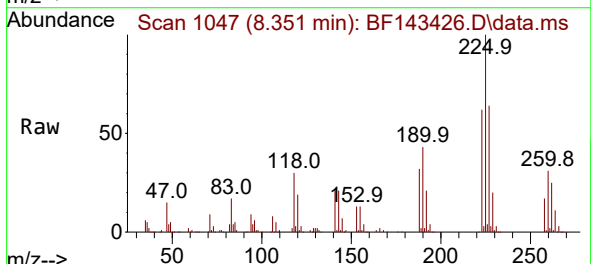
Instrument :
BNA_F
ClientSampleId :
PB169229BS

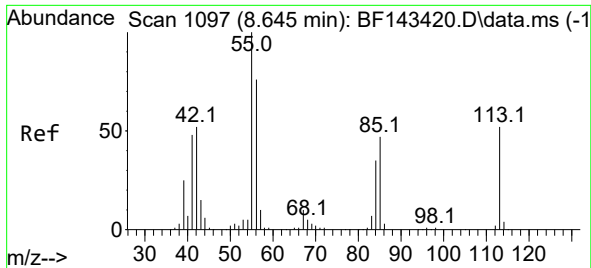
Tgt Ion:	127	Resp:	206957
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.8
65	32.9	27.2	40.8
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 48.234 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:	225	Resp:	220427
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.0	73.6
227	64.3	51.1	76.7

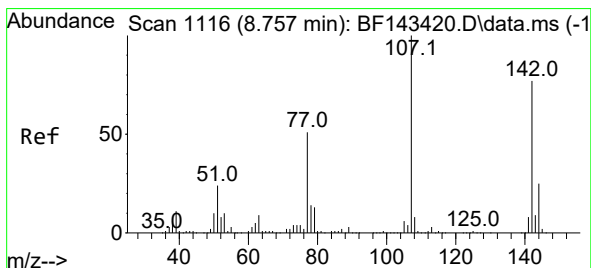
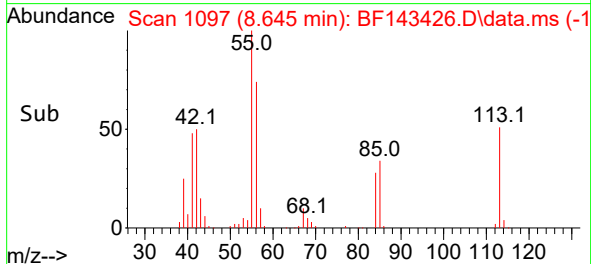
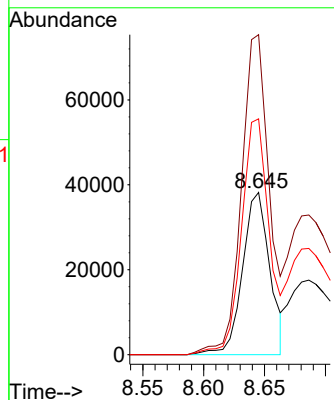
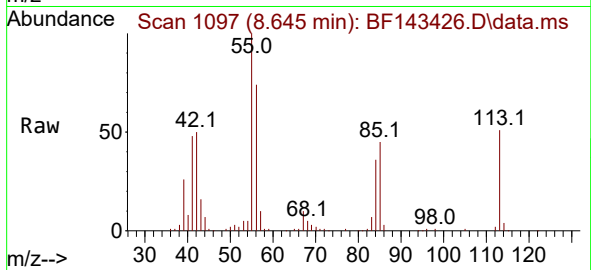




#35
 Caprolactam
 Concen: 29.508 ng
 RT: 8.645 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF143426.D
 Acq: 15 Aug 2025 19:56

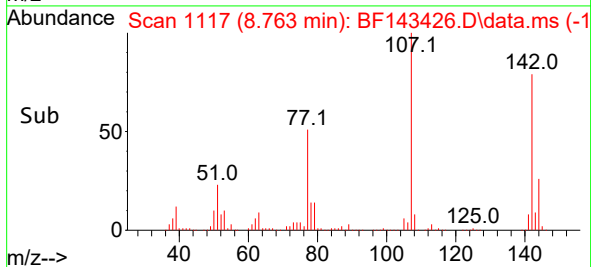
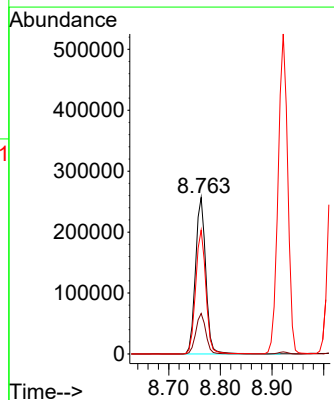
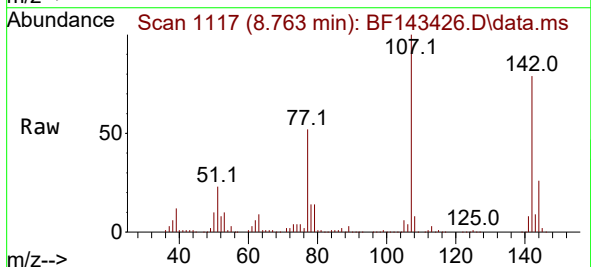
Instrument :
 BNA_F
 ClientSampleId :
 PB169229BS

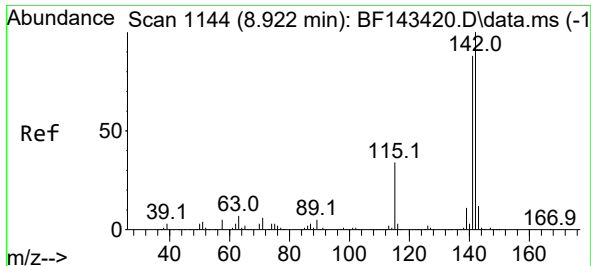
Tgt Ion:113 Resp: 59421
 Ion Ratio Lower Upper
 113 100
 55 197.3 174.7 214.7
 56 145.4 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.274 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143426.D
 Acq: 15 Aug 2025 19:56

Tgt Ion:107 Resp: 354949
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 79.2 62.0 93.0

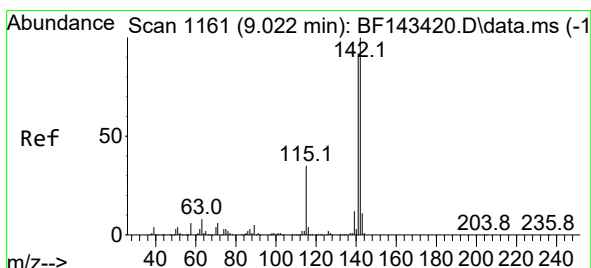
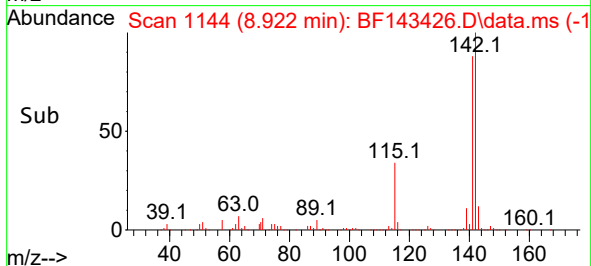
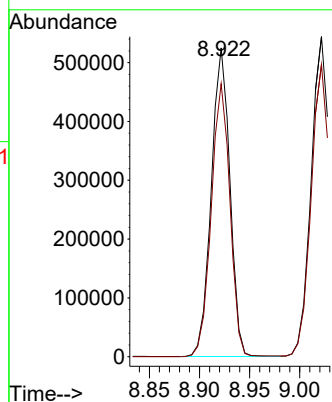
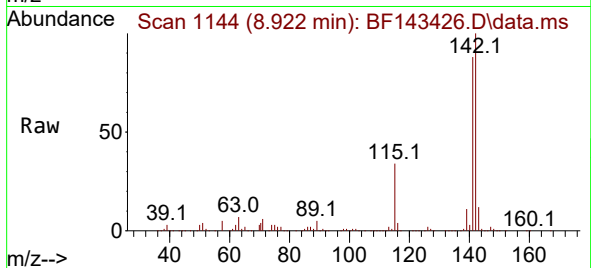




#37
2-Methylnaphthalene
Concen: 42.624 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

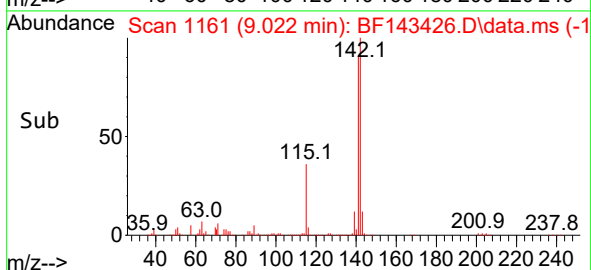
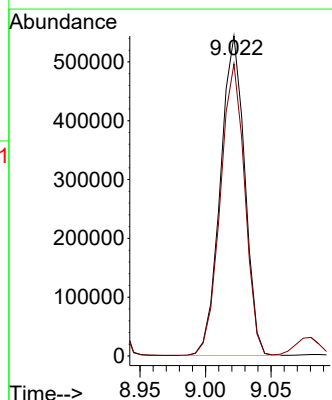
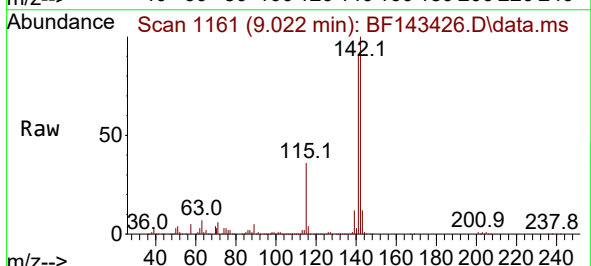
Instrument :
BNA_F
ClientSampleId :
PB169229BS

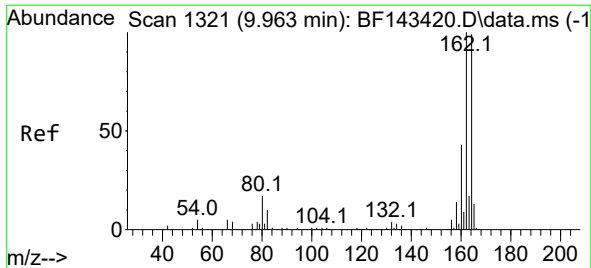
Tgt Ion:142 Resp: 677906
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5



#38
1-Methylnaphthalene
Concen: 46.022 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

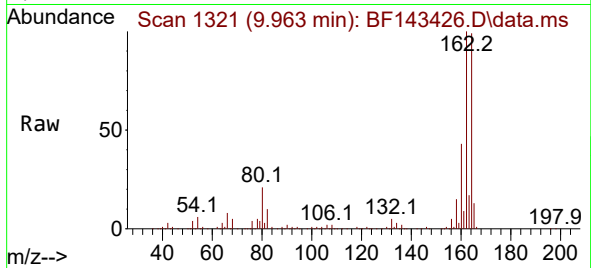
Tgt Ion:142 Resp: 701286
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6



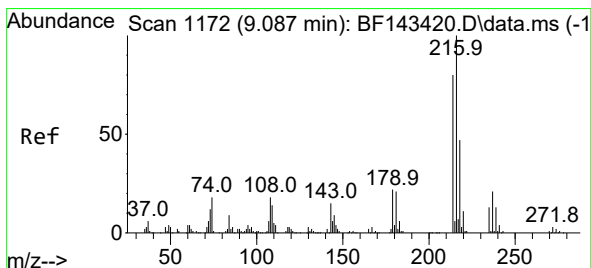
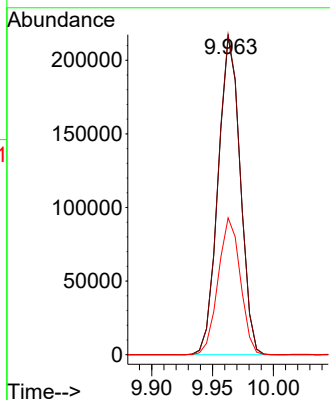
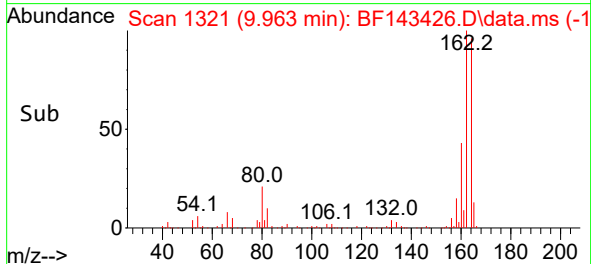


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

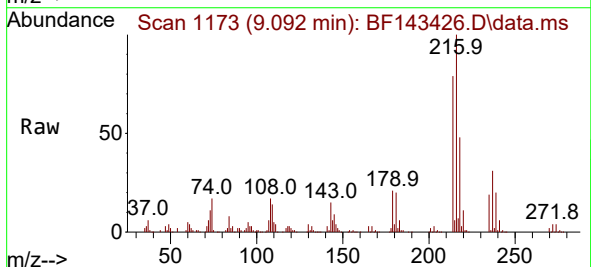
Instrument :
BNA_F
ClientSampleId :
PB169229BS



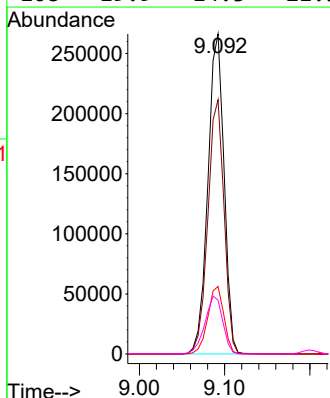
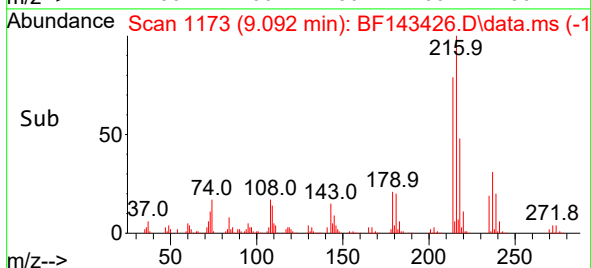
Tgt Ion:164 Resp: 272728
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 43.1 34.6 51.8

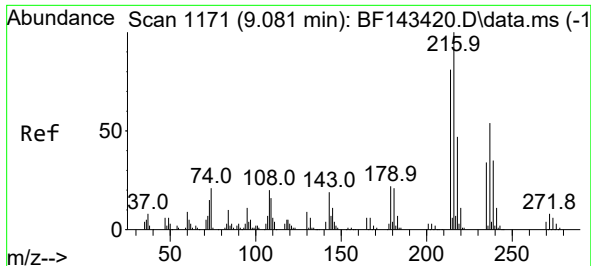


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.136 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56



Tgt Ion:216 Resp: 350908
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 21.1 17.0 25.4
108 19.9 14.3 21.5

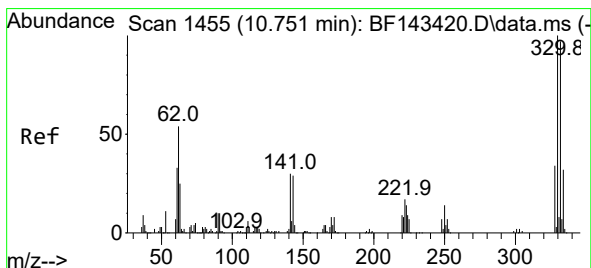
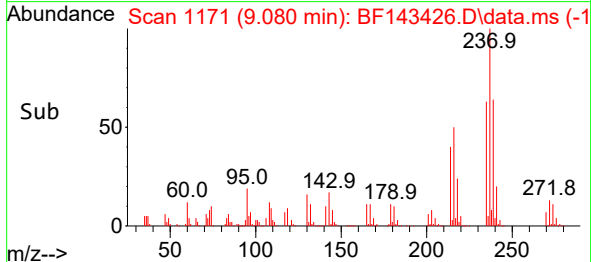
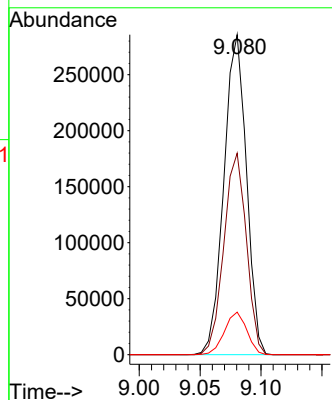
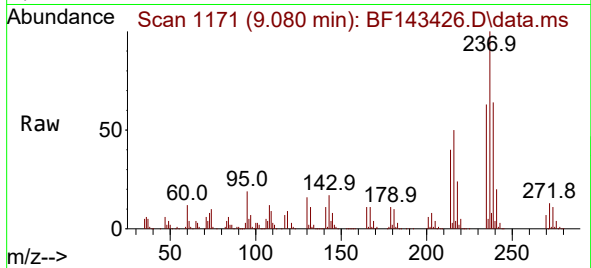




#41
Hexachlorocyclopentadiene
Concen: 128.402 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

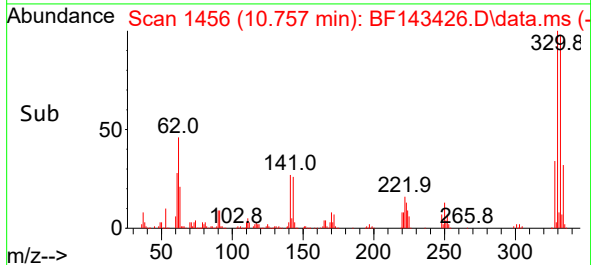
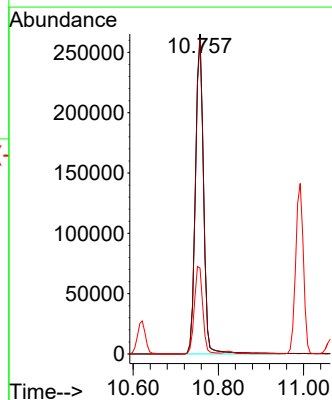
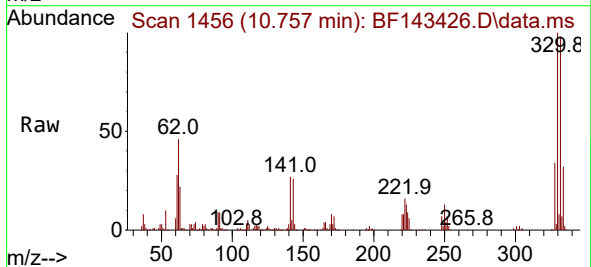
Instrument :
BNA_F
ClientSampleId :
PB169229BS

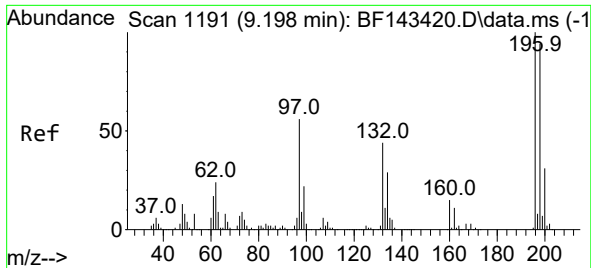
Tgt Ion:237 Resp: 368240
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 13.3 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 144.633 ng
RT: 10.757 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

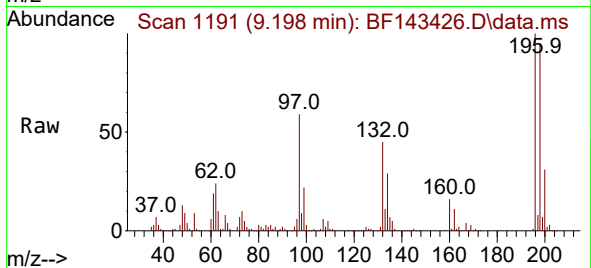
Tgt Ion:330 Resp: 351095
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.2
141 28.3 24.1 36.1



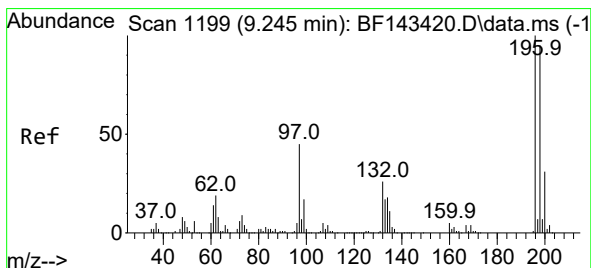
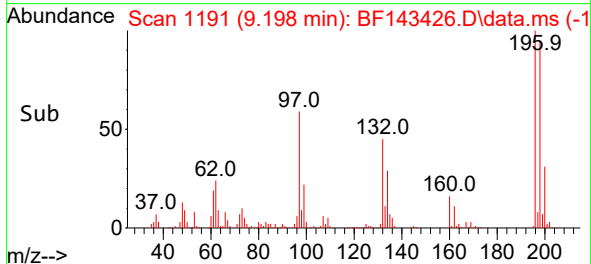
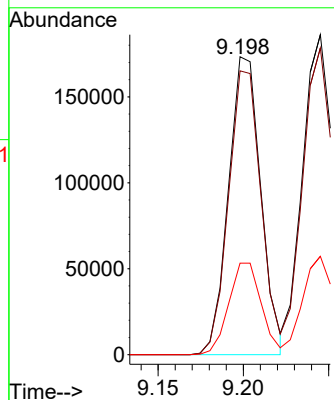


#43
2,4,6-Trichlorophenol
Concen: 48.190 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Instrument :
BNA_F
ClientSampleId :
PB169229BS

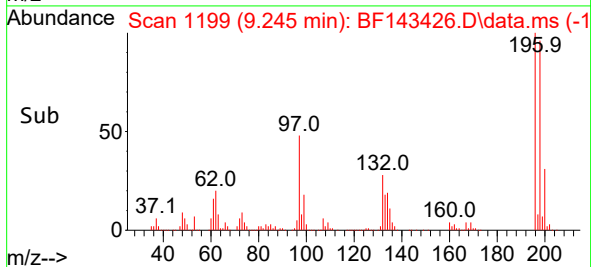
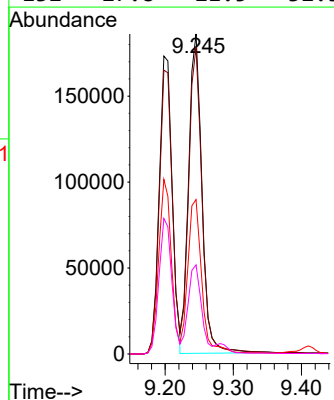
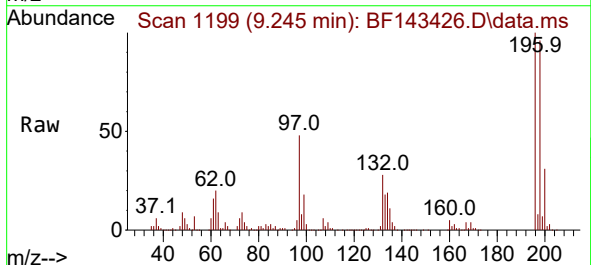


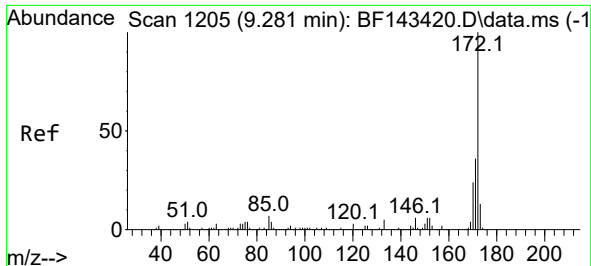
Tgt Ion:196 Resp: 228647
Ion Ratio Lower Upper
196 100
198 95.3 75.4 113.2
200 30.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 49.327 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:196 Resp: 250871
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.4
97 48.3 36.6 55.0
132 27.8 21.5 32.3

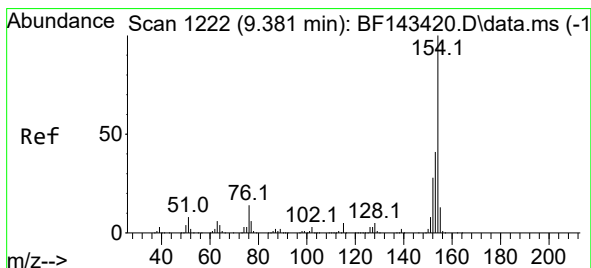
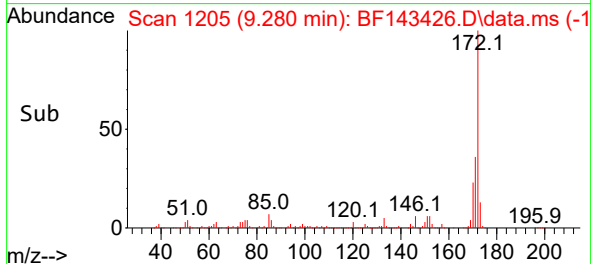
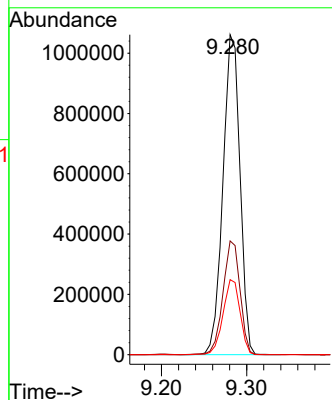
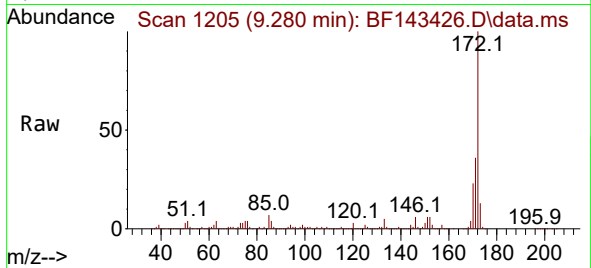




#45
2-Fluorobiphenyl
Concen: 90.994 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

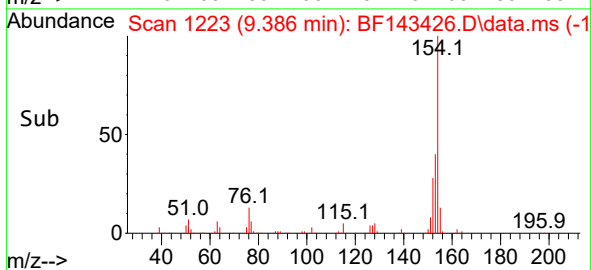
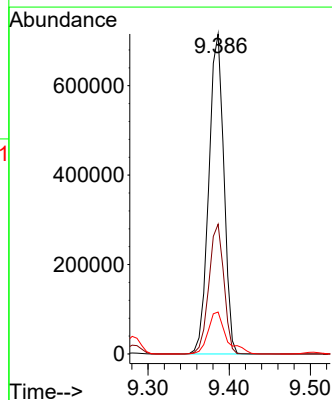
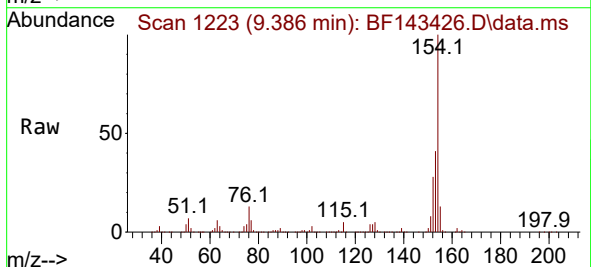
Instrument :
BNA_F
ClientSampleId :
PB169229BS

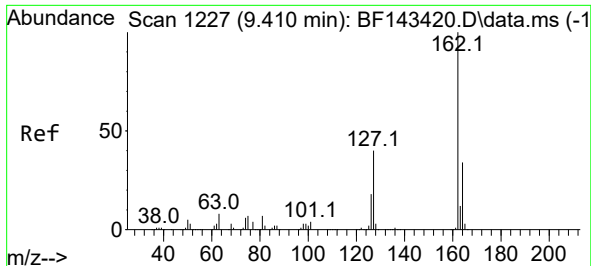
Tgt Ion:172 Resp: 1475429
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.903 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:154 Resp: 917932
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 13.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 46.993 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

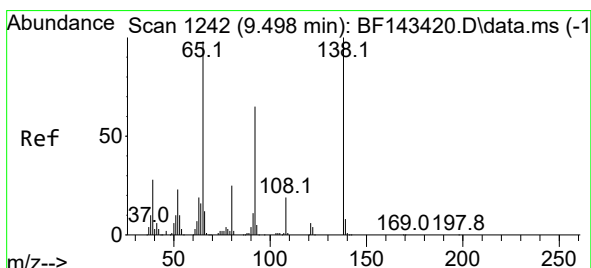
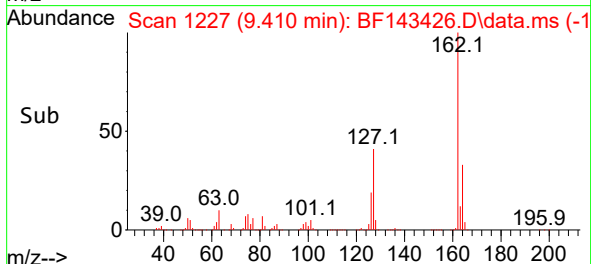
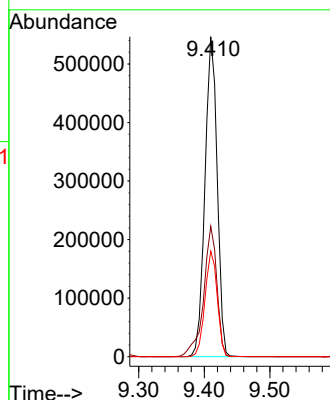
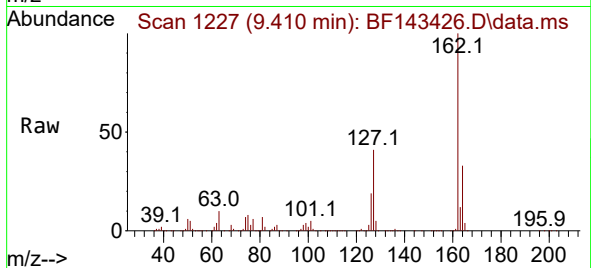
Tgt Ion:162 Resp: 710821

Ion Ratio Lower Upper

162 100

127 40.8 32.3 48.5

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 51.375 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

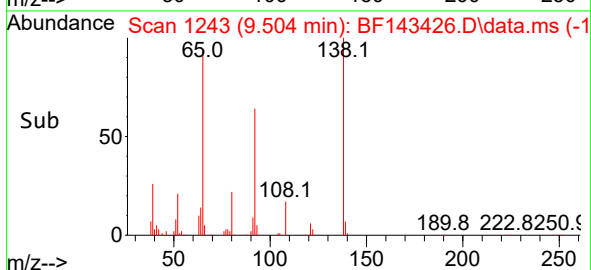
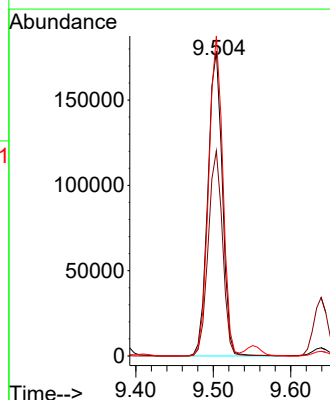
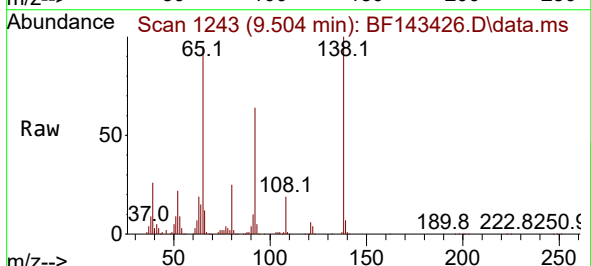
Tgt Ion: 65 Resp: 231257

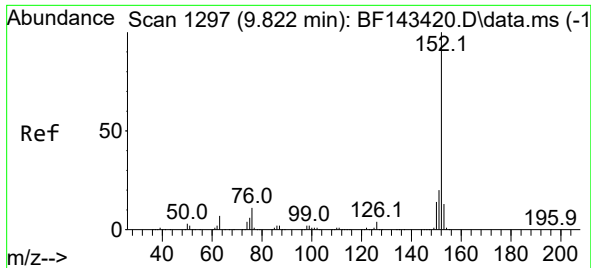
Ion Ratio Lower Upper

65 100

92 67.3 52.9 79.3

138 104.9 81.3 121.9

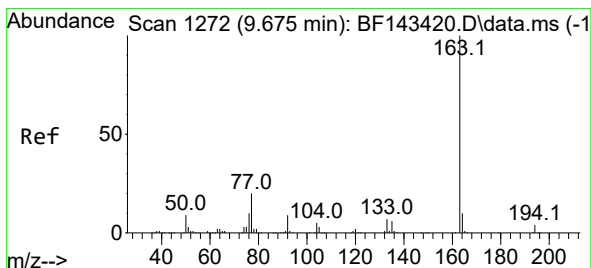
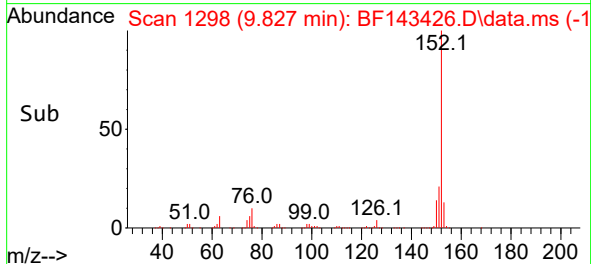
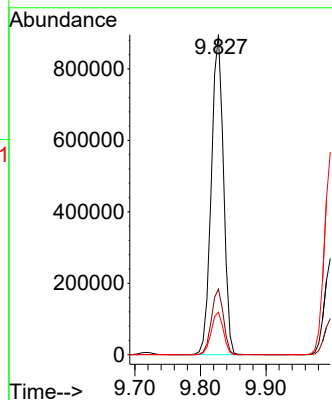
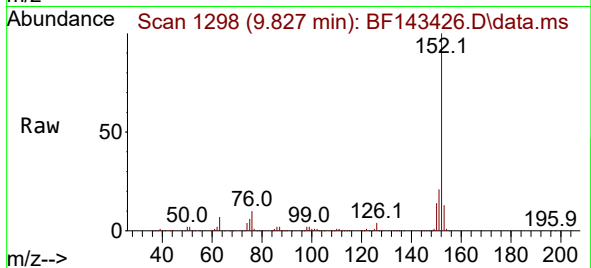




#49
Acenaphthylene
Concen: 52.912 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

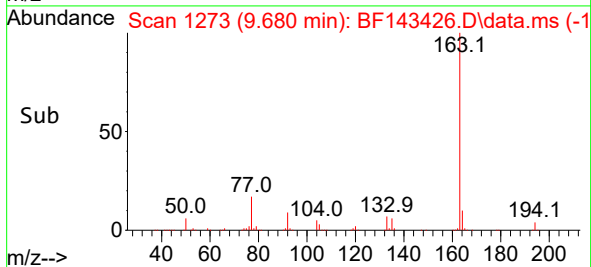
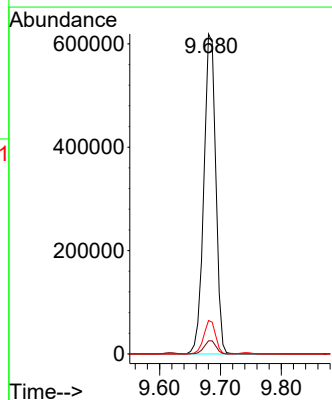
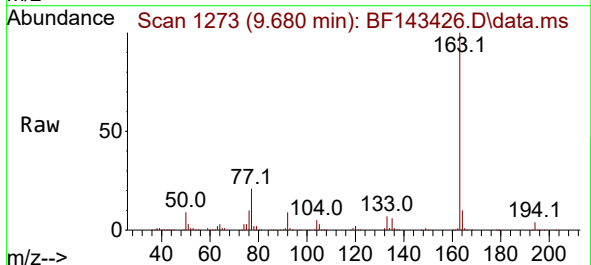
Instrument :
BNA_F
ClientSampleId :
PB169229BS

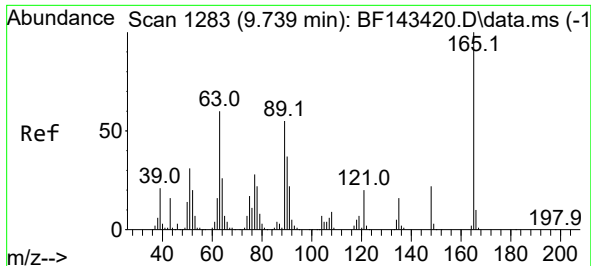
Tgt Ion:152 Resp: 1155566
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 49.635 ng
RT: 9.680 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:163 Resp: 843969
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.4

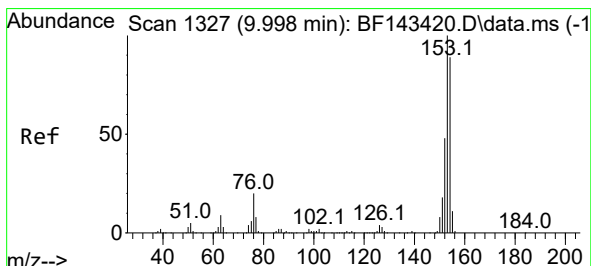
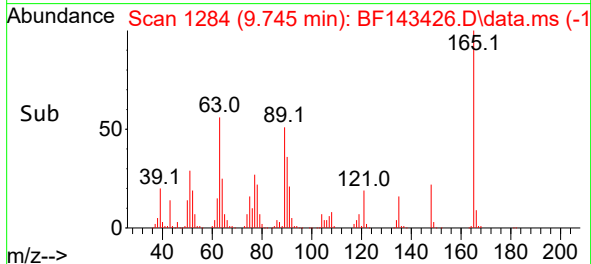
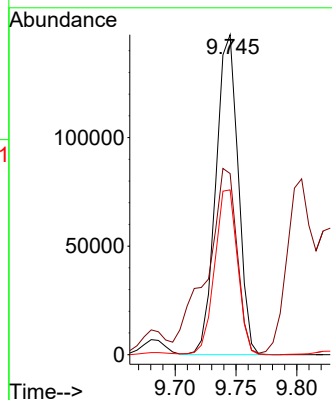
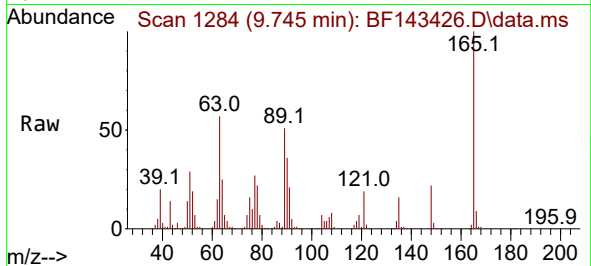




#51
2,6-Dinitrotoluene
Concen: 56.100 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

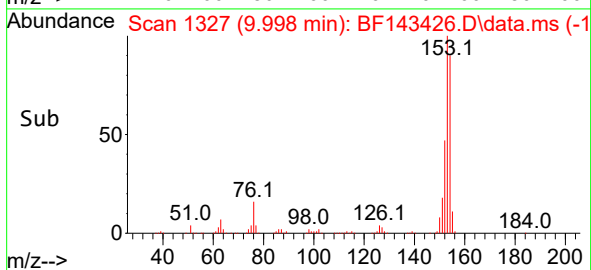
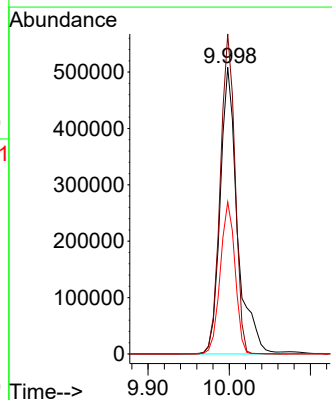
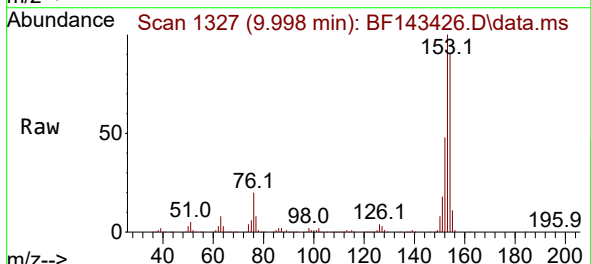
Instrument :
BNA_F
ClientSampleId :
PB169229BS

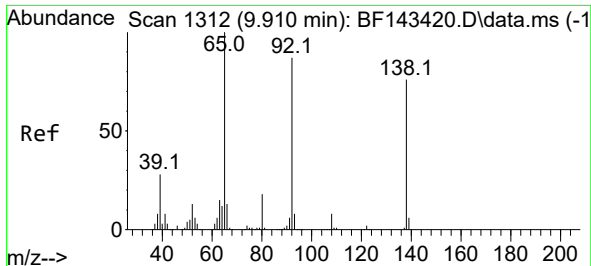
Tgt Ion:165 Resp: 188042
Ion Ratio Lower Upper
165 100
63 56.6 48.2 72.2
89 51.5 44.2 66.2



#52
Acenaphthene
Concen: 51.147 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:154 Resp: 751281
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 53.1 42.6 64.0

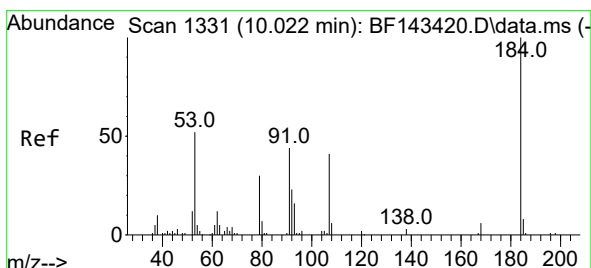
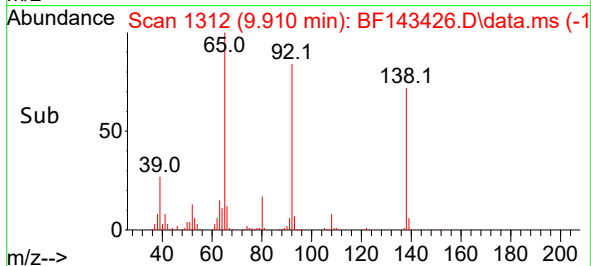
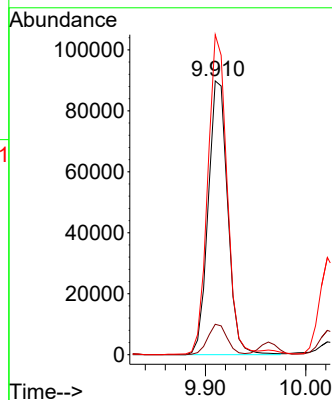
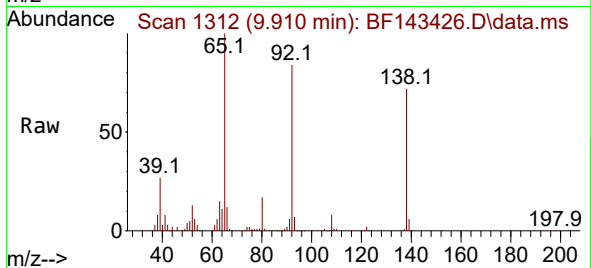




#53
3-Nitroaniline
Concen: 32.544 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

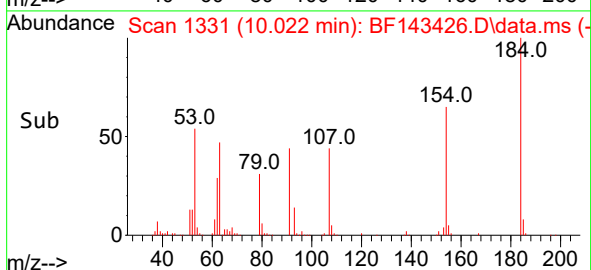
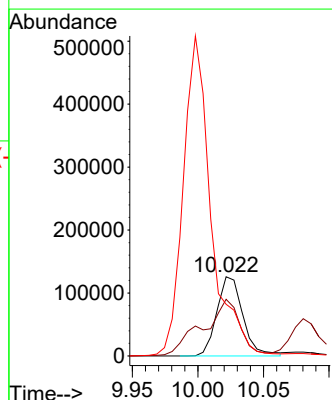
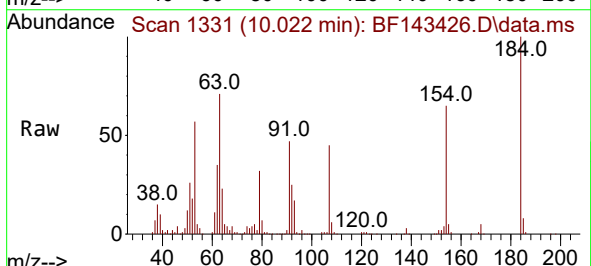
Instrument :
BNA_F
ClientSampleId :
PB169229BS

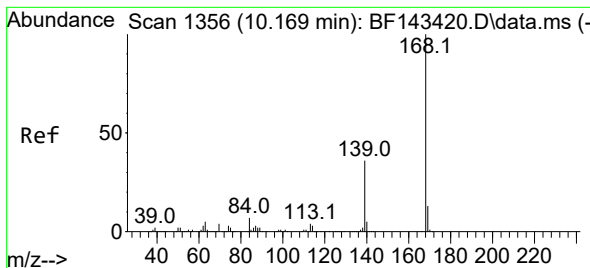
Tgt Ion:138 Resp: 121510
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 116.9 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 109.331 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:184 Resp: 173923
Ion Ratio Lower Upper
184 100
63 71.5 53.2 79.8
154 65.2 51.3 76.9

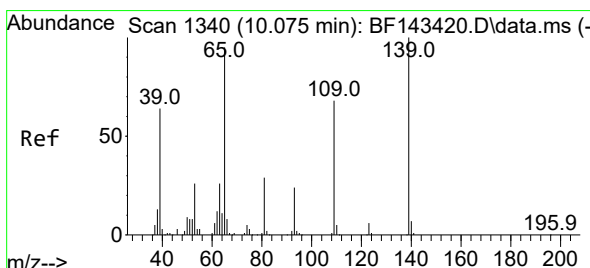
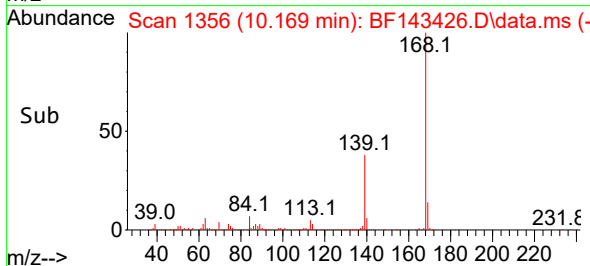
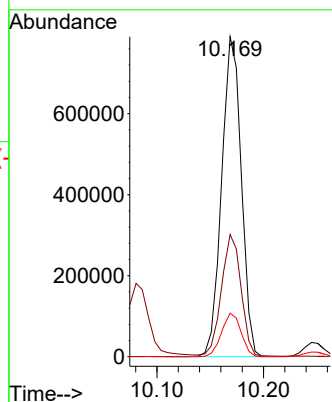
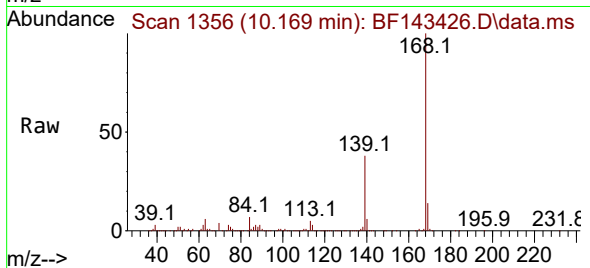




#55
Dibenzenofuran
Concen: 47.574 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

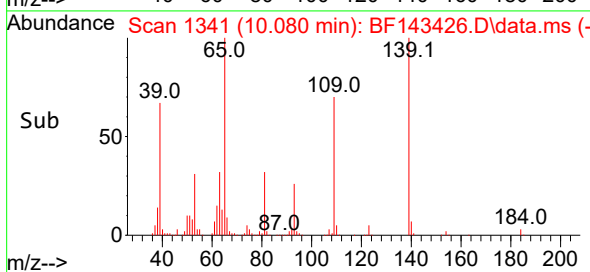
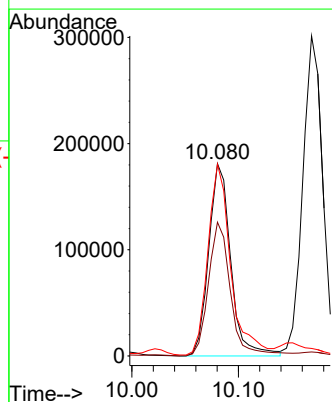
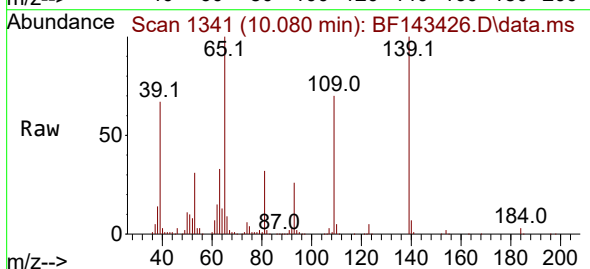
Instrument :
BNA_F
ClientSampleId :
PB169229BS

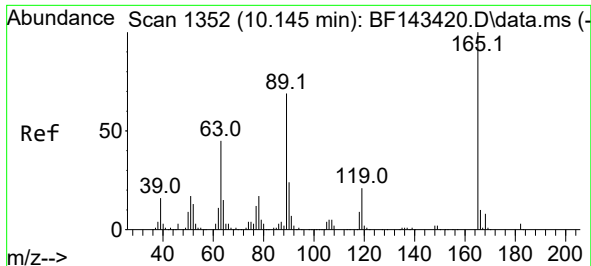
Tgt Ion:168 Resp: 1008069
Ion Ratio Lower Upper
168 100
139 38.1 29.3 43.9
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 111.031 ng
RT: 10.080 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:139 Resp: 260634
Ion Ratio Lower Upper
139 100
109 69.5 47.7 87.7
65 99.8 76.4 116.4

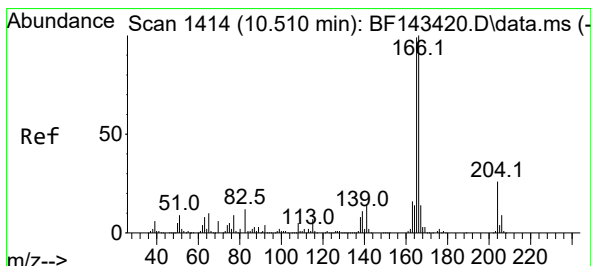
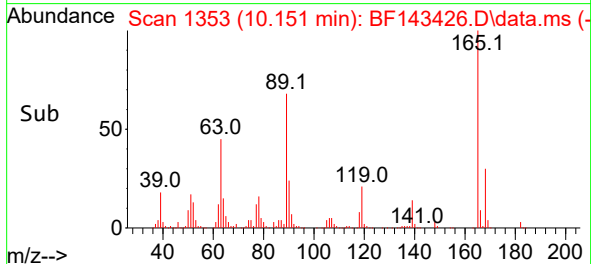
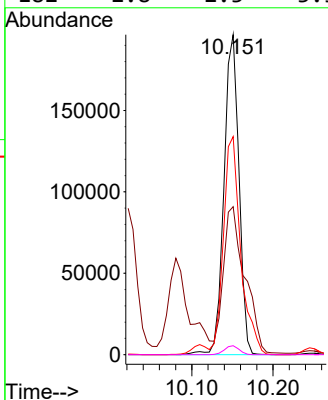
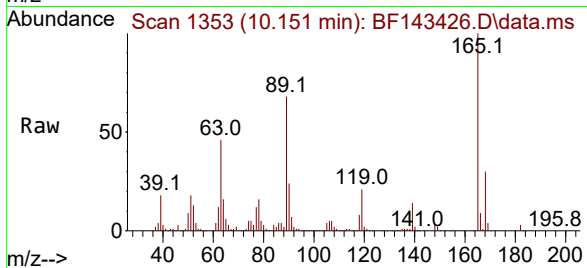




#57
2,4-Dinitrotoluene
Concen: 56.379 ng
RT: 10.151 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

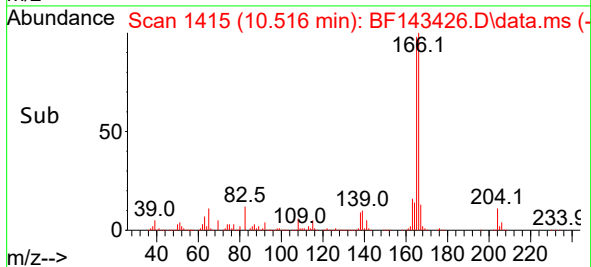
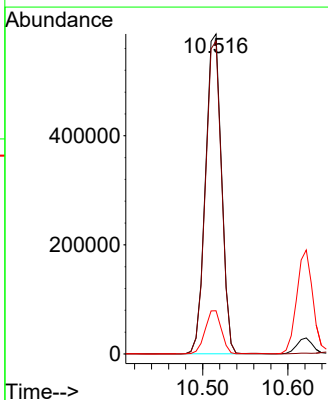
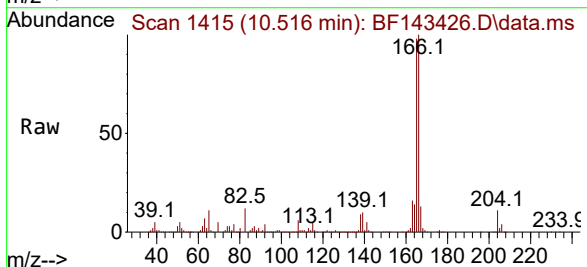
Instrument :
BNA_F
ClientSampleId :
PB169229BS

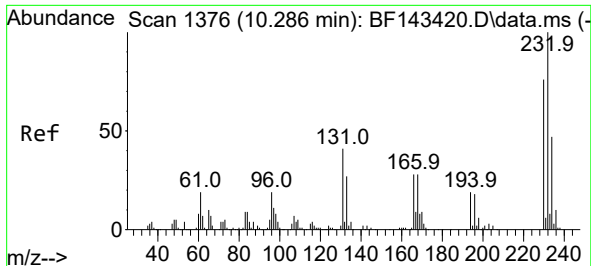
Tgt Ion:165 Resp: 251949
Ion Ratio Lower Upper
165 100
63 46.3 37.0 55.6
89 68.2 55.4 83.0
182 2.8 2.3 3.5



#58
Fluorene
Concen: 47.119 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:166 Resp: 767018
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 13.5 10.9 16.3

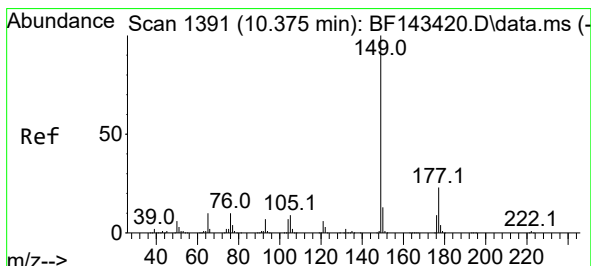
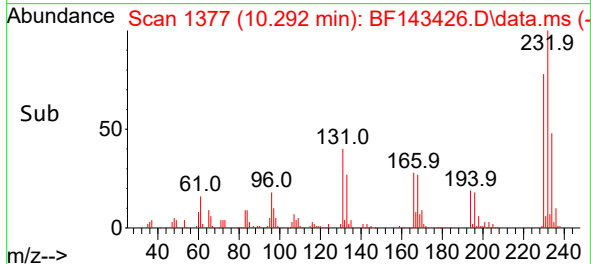
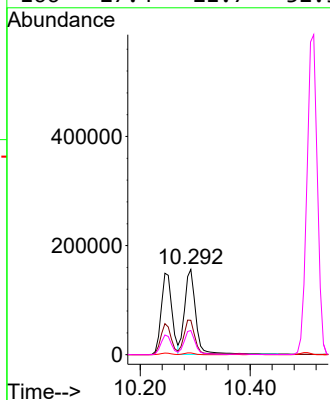
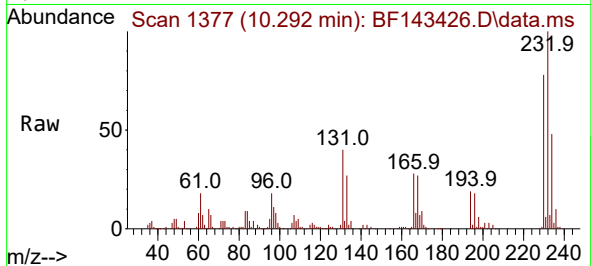




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.419 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

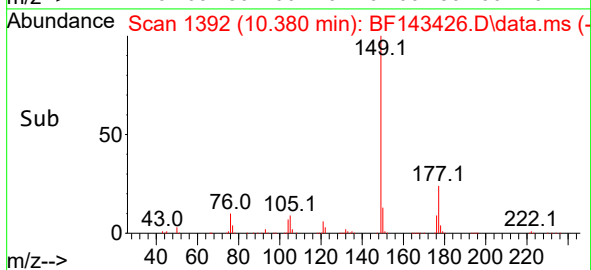
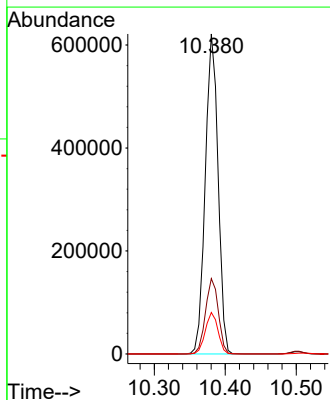
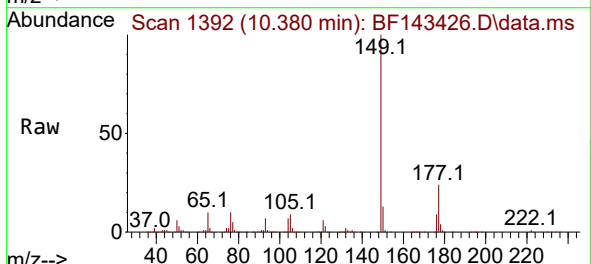
Instrument :
BNA_F
ClientSampleId :
PB169229BS

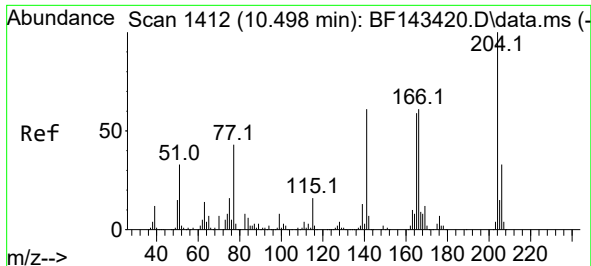
Tgt Ion:232 Resp: 217207
Ion Ratio Lower Upper
232 100
131 41.4 32.0 48.0
130 2.0 1.7 2.5
166 27.4 21.7 32.5



#60
Diethylphthalate
Concen: 49.650 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:149 Resp: 780141
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.9 10.1 15.1

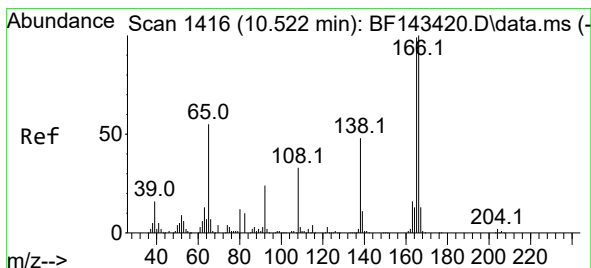
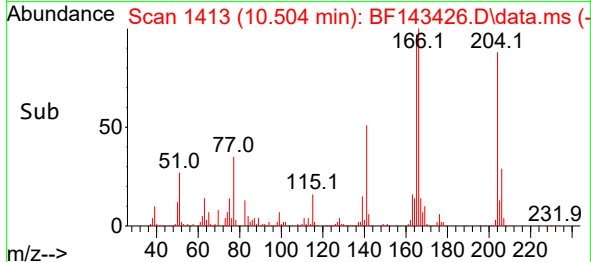
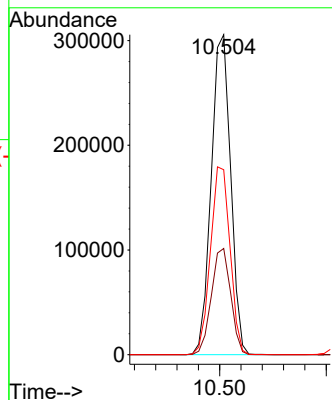
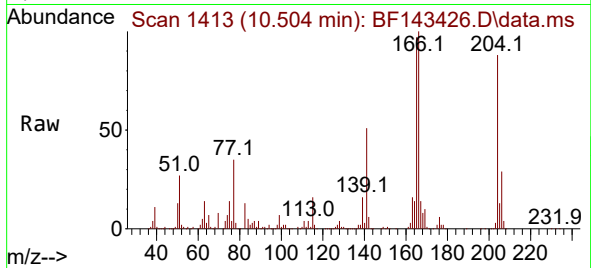




#61
4-Chlorophenyl-phenylether
Concen: 47.999 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

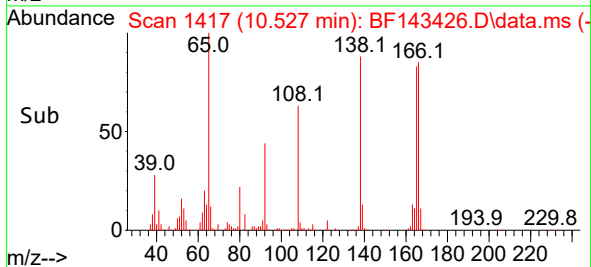
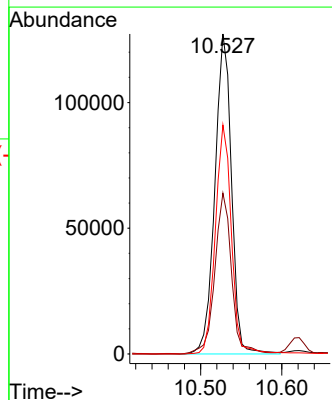
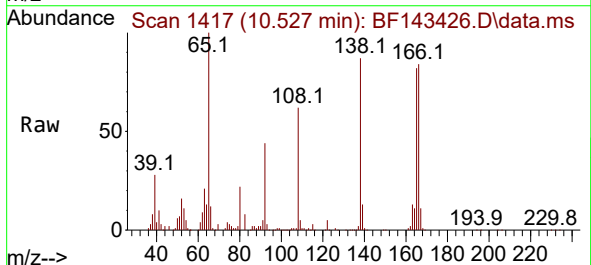
Instrument :
BNA_F
ClientSampleId :
PB169229BS

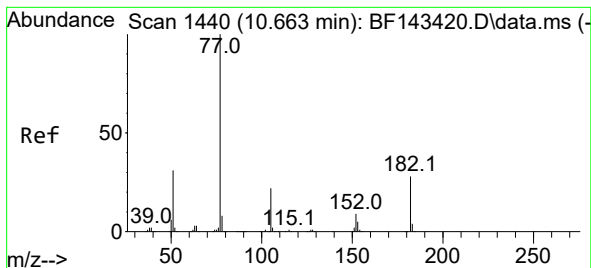
Tgt Ion:204 Resp: 386304
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 57.8 49.0 73.4



#62
4-Nitroaniline
Concen: 51.838 ng
RT: 10.527 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:138 Resp: 181008
Ion Ratio Lower Upper
138 100
92 50.3 29.4 69.4
108 71.6 48.6 88.6





#63

Azobenzene

Concen: 50.061 ng

RT: 10.663 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

Tgt Ion: 77 Resp: 795014

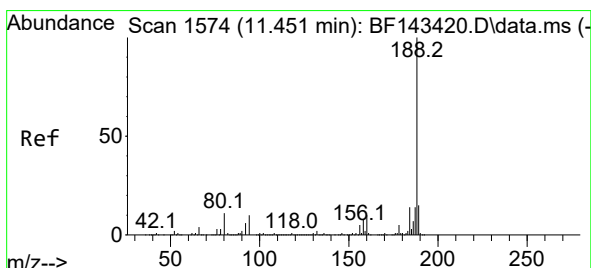
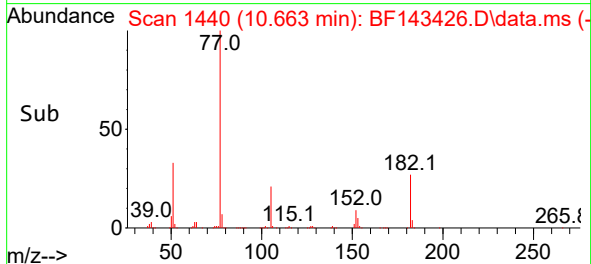
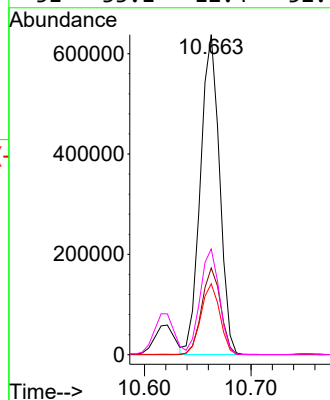
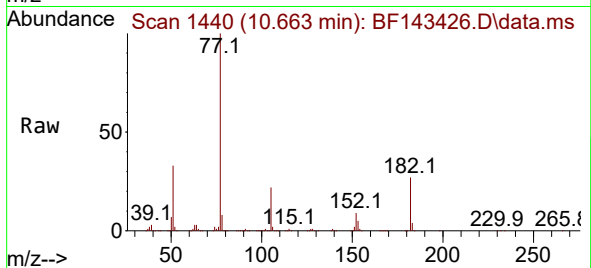
Ion Ratio Lower Upper

77 100

182 27.1 7.4 47.4

105 22.1 1.7 41.7

51 33.1 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

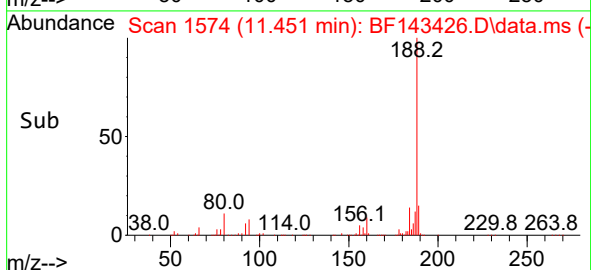
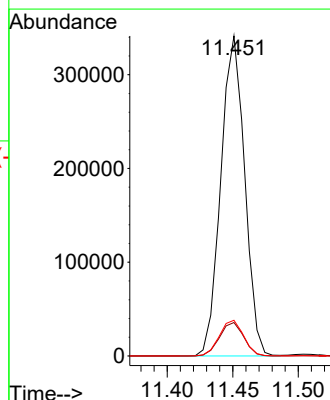
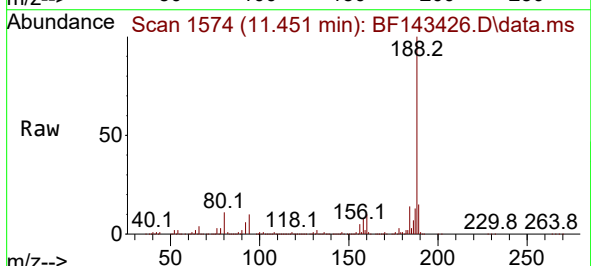
Tgt Ion: 188 Resp: 431486

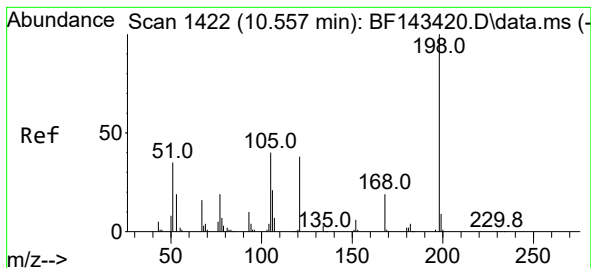
Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

80 11.1 8.6 12.8

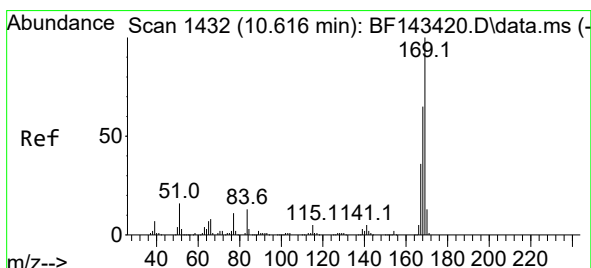
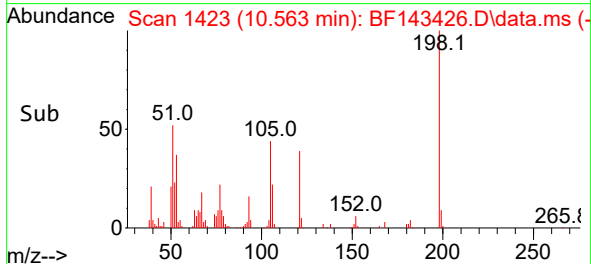
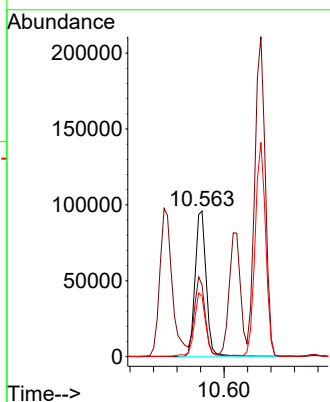
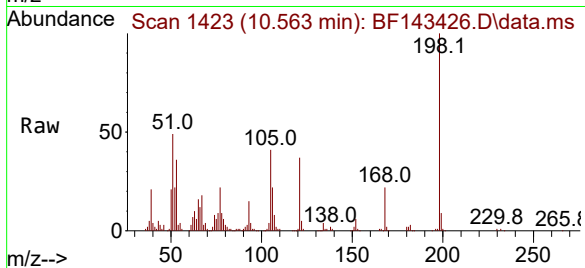




#65
4,6-Dinitro-2-methylphenol
Concen: 57.153 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

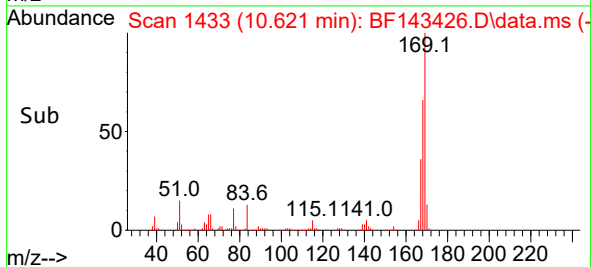
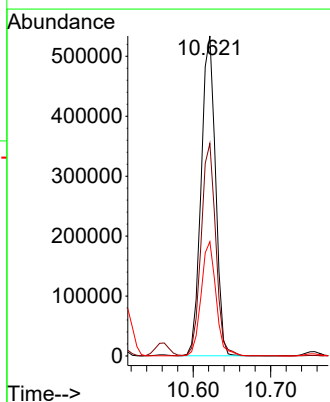
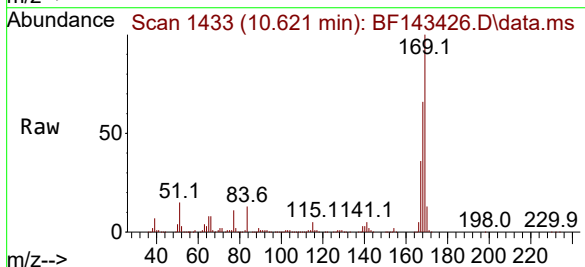
Instrument :
BNA_F
ClientSampleId :
PB169229BS

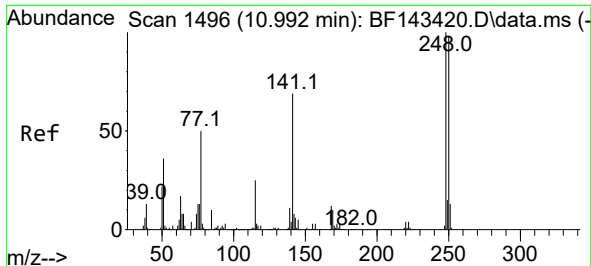
Tgt Ion:198 Resp: 127241
Ion Ratio Lower Upper
198 100
51 49.3 31.2 71.2
105 41.5 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 48.784 ng
RT: 10.621 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:169 Resp: 684441
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 35.7 28.6 42.8

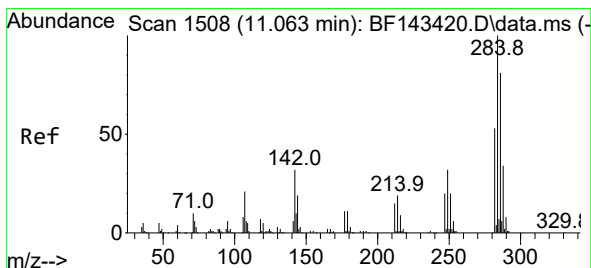
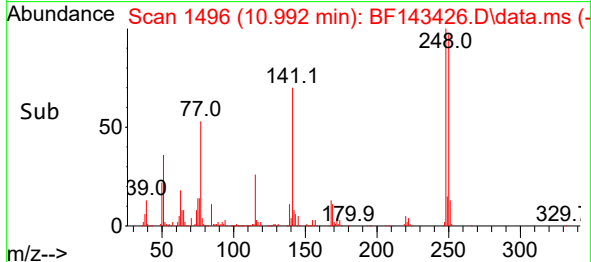
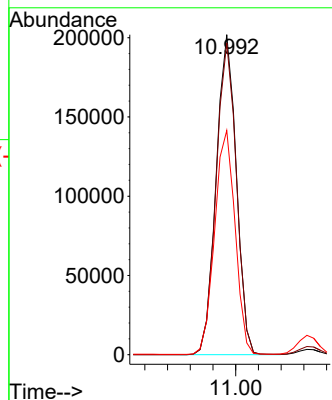
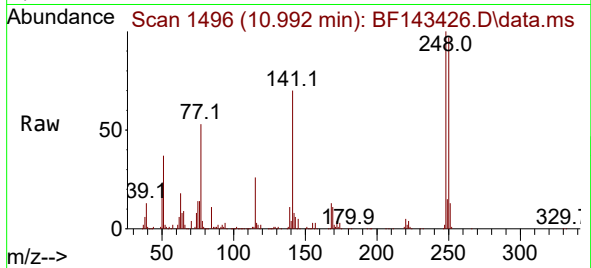




#67
4-Bromophenyl-phenylether
Concen: 48.939 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

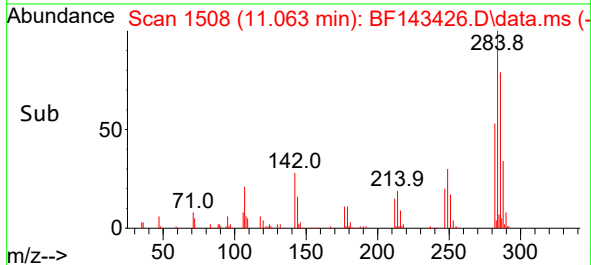
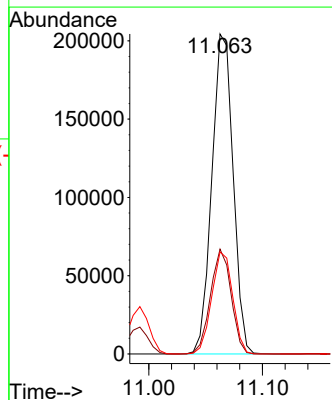
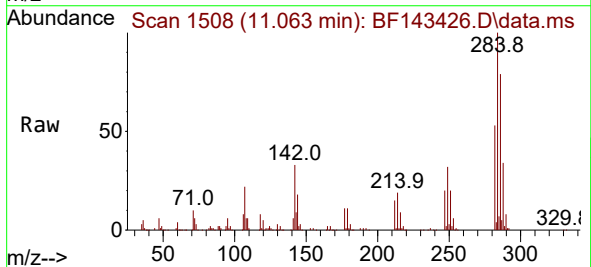
Instrument :
BNA_F
ClientSampleId :
PB169229BS

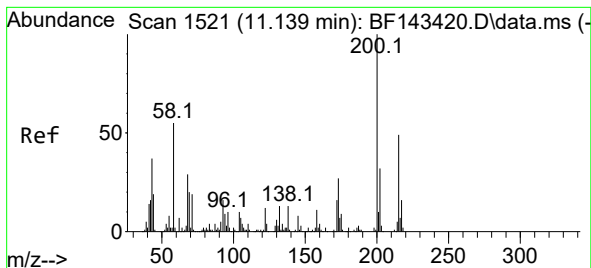
Tgt Ion:248 Resp: 249357
Ion Ratio Lower Upper
248 100
250 97.4 78.6 118.0
141 70.0 54.9 82.3



#68
Hexachlorobenzene
Concen: 49.053 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:284 Resp: 265709
Ion Ratio Lower Upper
284 100
142 32.8 25.4 38.2
249 31.9 25.4 38.0





#69

Atrazine

Concen: 51.663 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

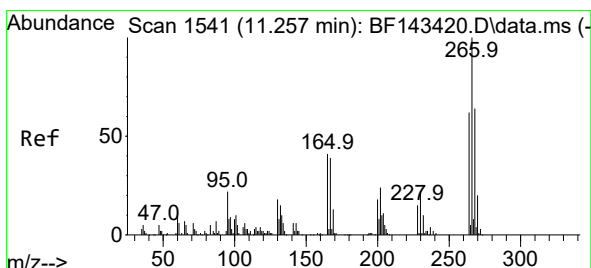
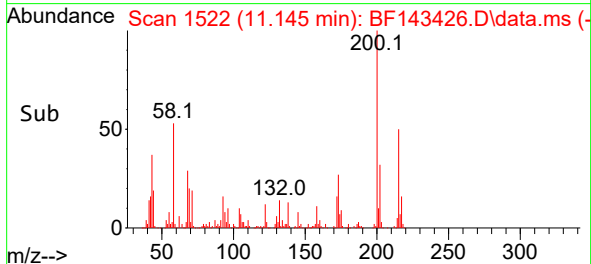
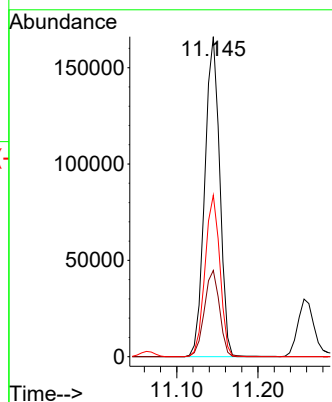
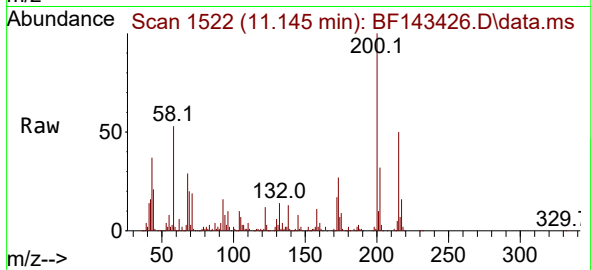
Tgt Ion:200 Resp: 212006

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 50.4 29.5 69.5



#70

Pentachlorophenol

Concen: 111.507 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

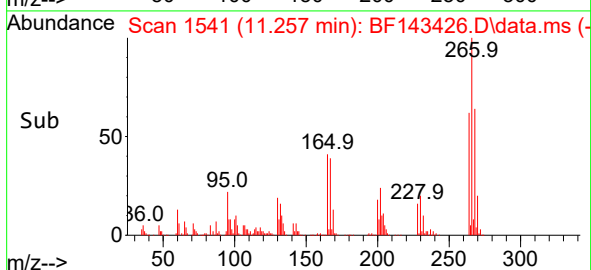
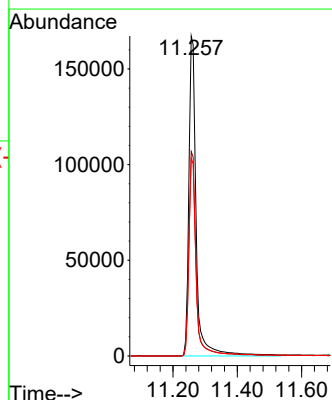
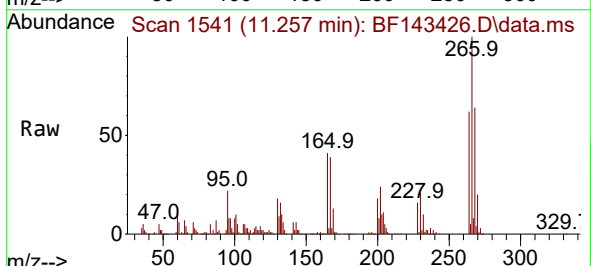
Tgt Ion:266 Resp: 265624

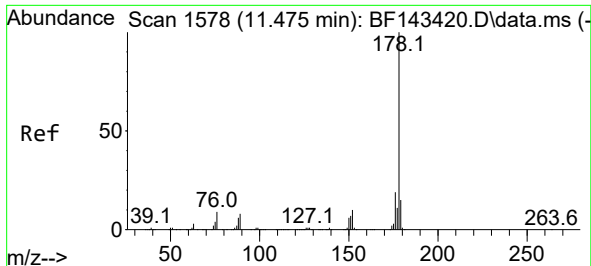
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 61.8 49.3 73.9

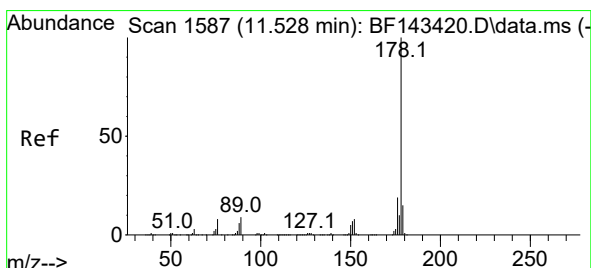
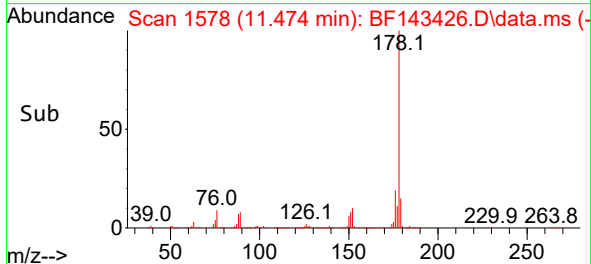
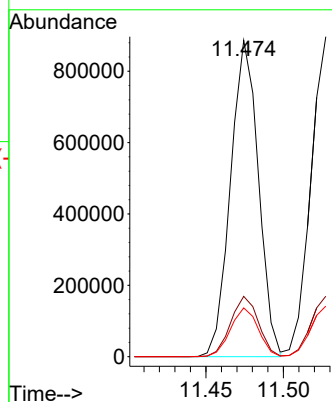
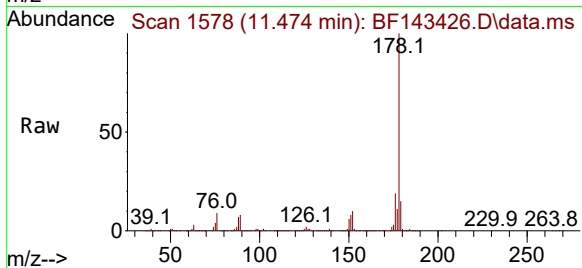




#71
Phenanthrene
Concen: 47.461 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

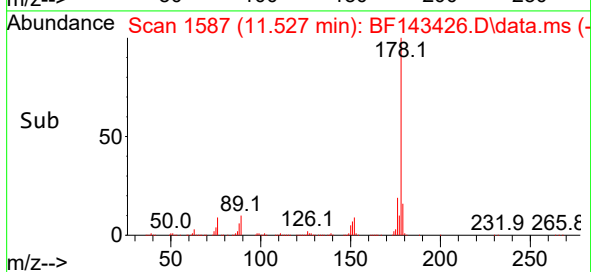
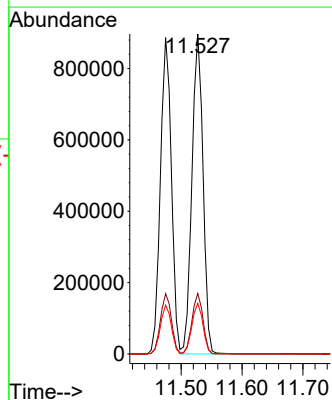
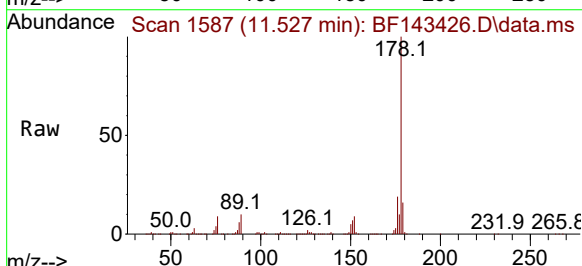
Instrument :
BNA_F
ClientSampleId :
PB169229BS

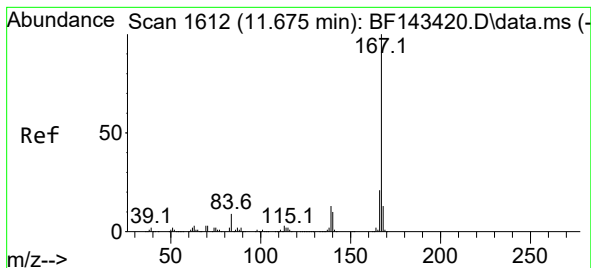
Tgt Ion:178 Resp: 1108963
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 47.900 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:178 Resp: 1130440
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4





#73

Carbazole

Concen: 47.838 ng

RT: 11.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

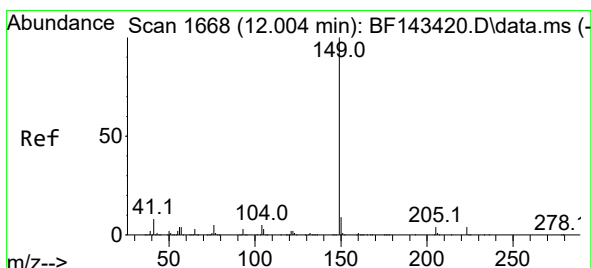
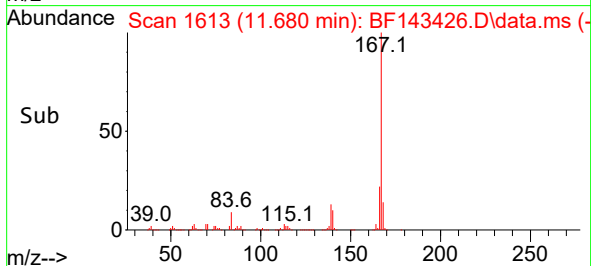
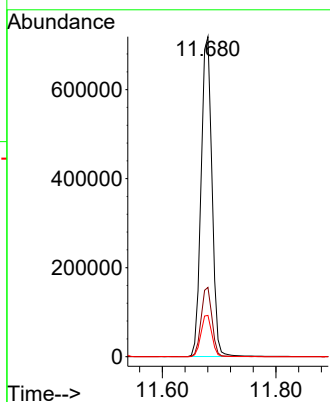
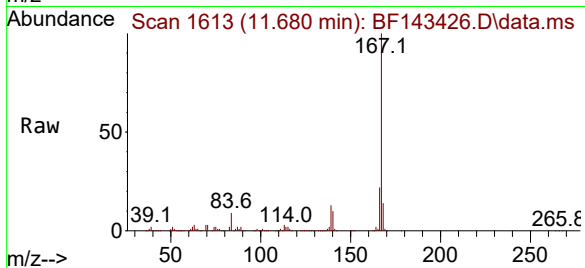
Tgt Ion:167 Resp: 954835

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.9 10.1 15.1



#74

Di-n-butylphthalate

Concen: 51.435 ng

RT: 12.004 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

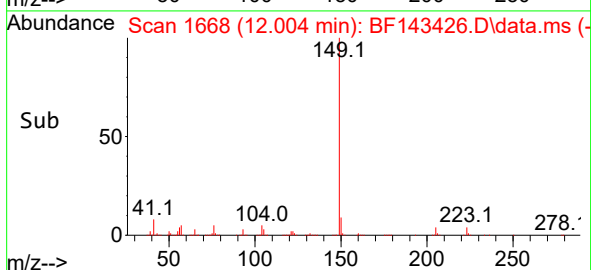
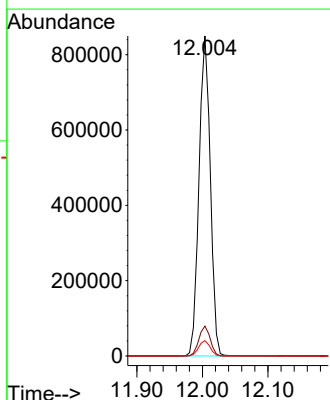
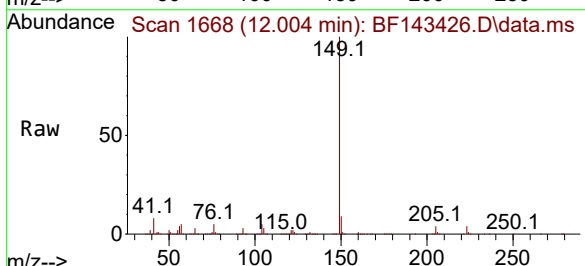
Tgt Ion:149 Resp: 1022339

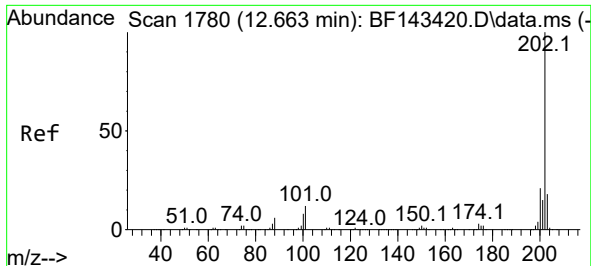
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.8 3.8 5.6

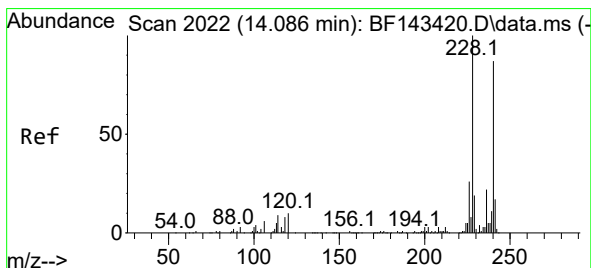
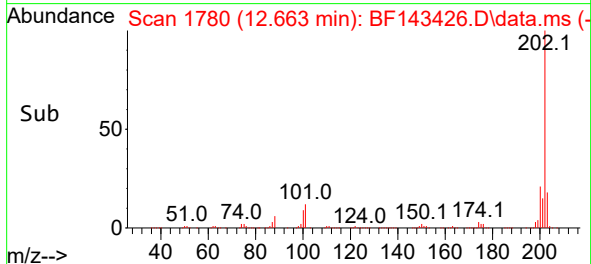
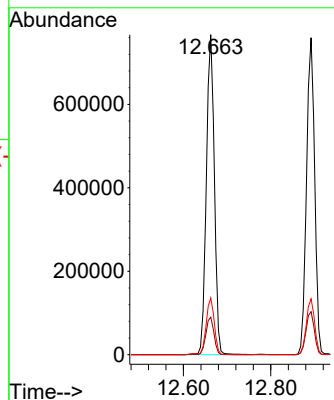
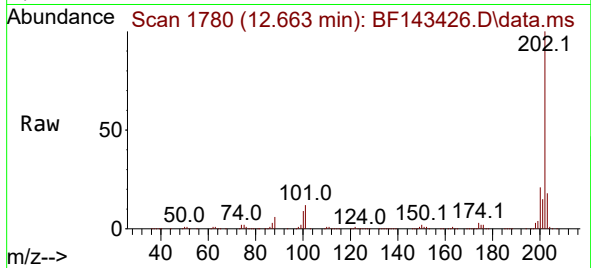




#75
Fluoranthene
Concen: 47.275 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

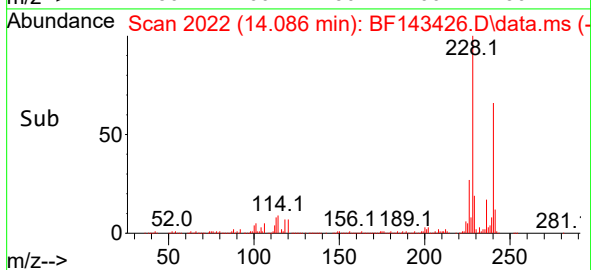
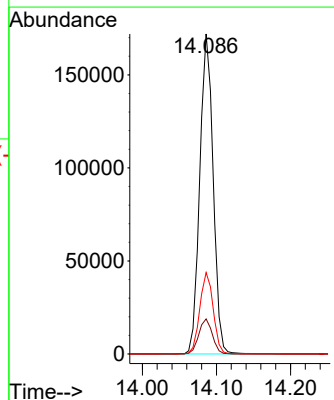
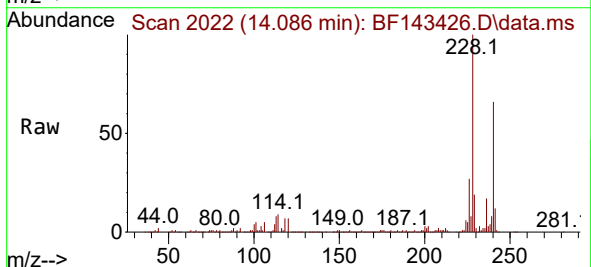
Instrument :
BNA_F
ClientSampleId :
PB169229BS

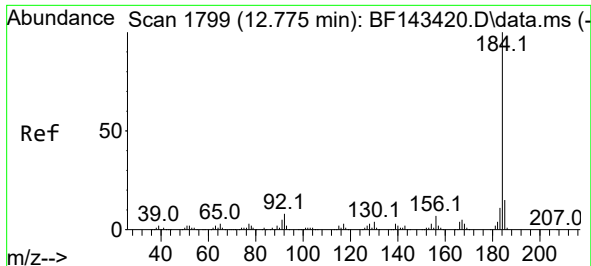
Tgt Ion:202 Resp: 981500
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.5
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:240 Resp: 215159
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.2 30.2

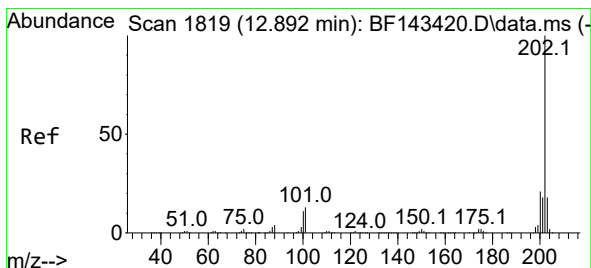
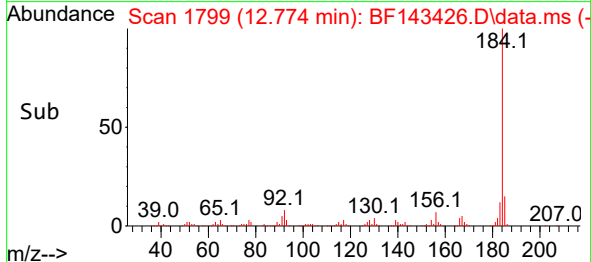
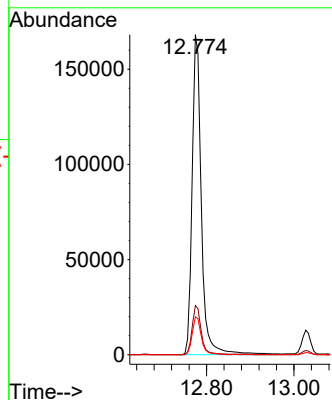
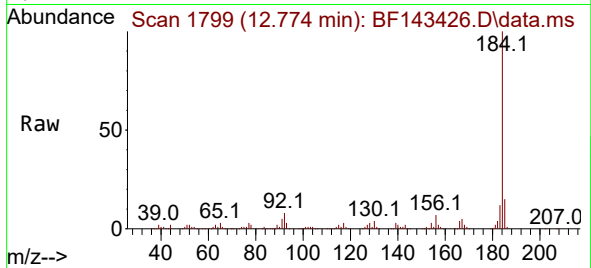




#77
Benzidine
Concen: 40.668 ng
RT: 12.774 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

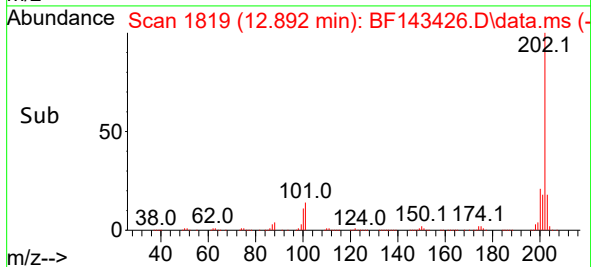
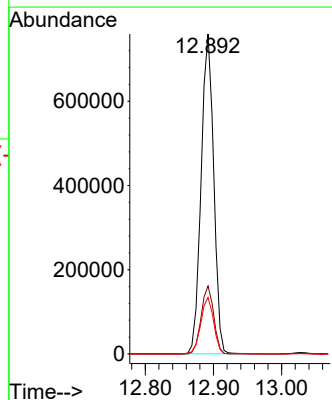
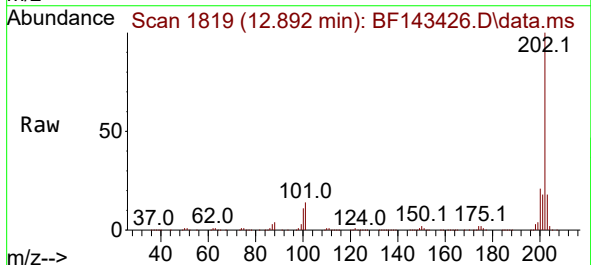
Instrument :
BNA_F
ClientSampleId :
PB169229BS

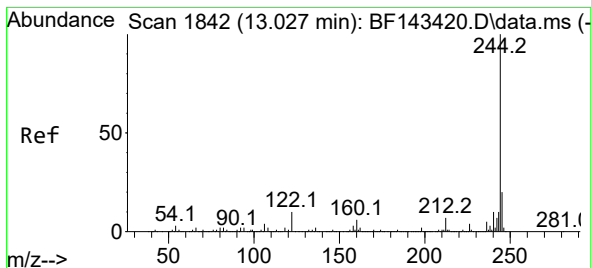
Tgt Ion:184 Resp: 247704
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 11.8 9.2 13.8



#78
Pyrene
Concen: 52.131 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:202 Resp: 974901
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 101.977 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

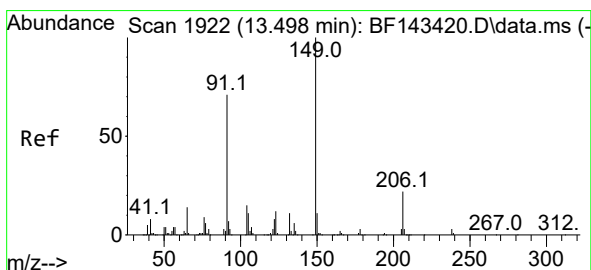
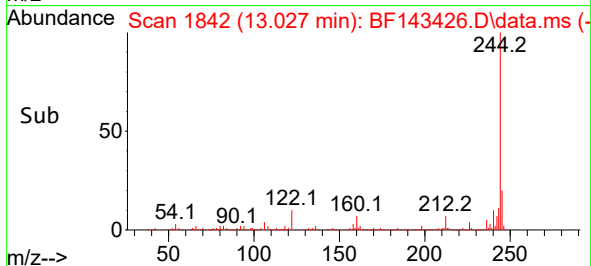
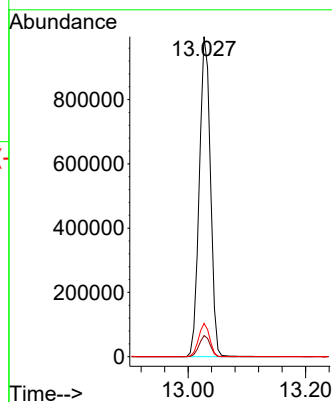
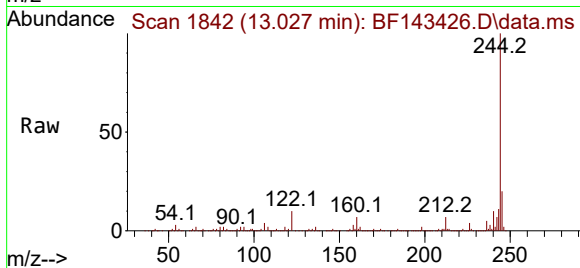
Tgt Ion:244 Resp: 1306134

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 56.934 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

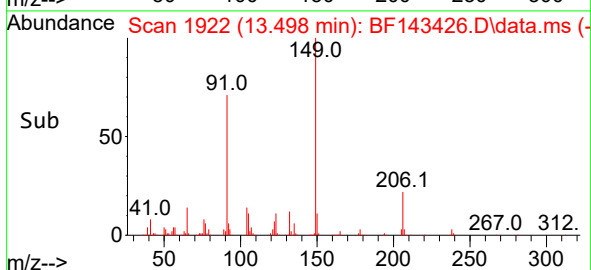
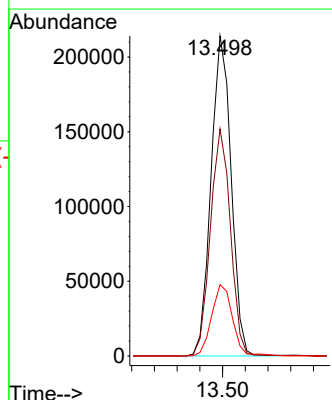
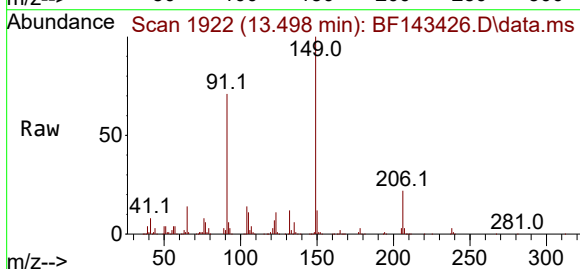
Tgt Ion:149 Resp: 263720

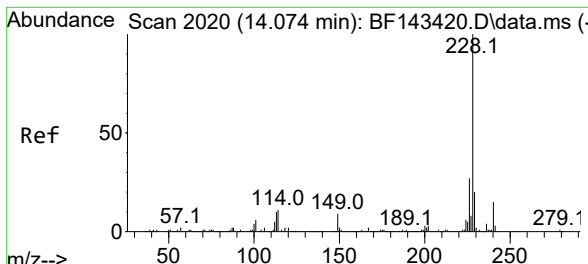
Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

206 22.3 17.6 26.4



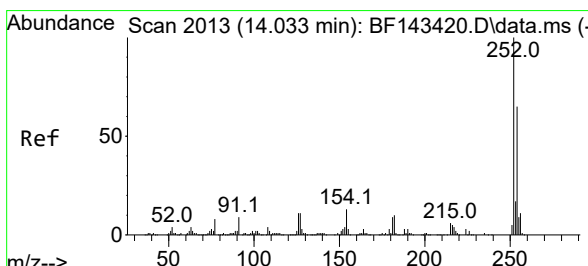
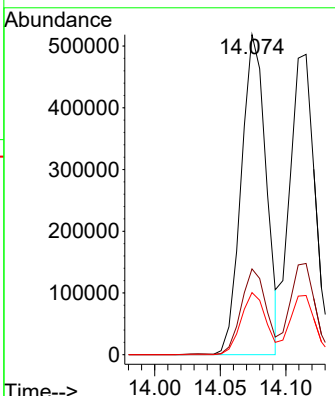
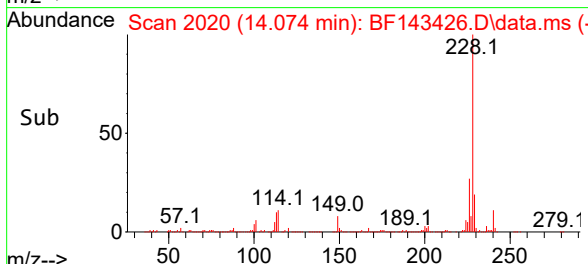
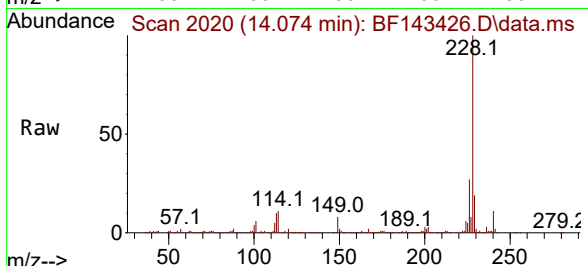


#81
 Benzo(a)anthracene
 Concen: 49.929 ng
 RT: 14.074 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF143426.D
 Acq: 15 Aug 2025 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BS

Tgt Ion:228 Resp: 683934

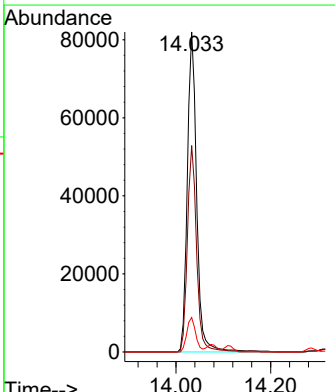
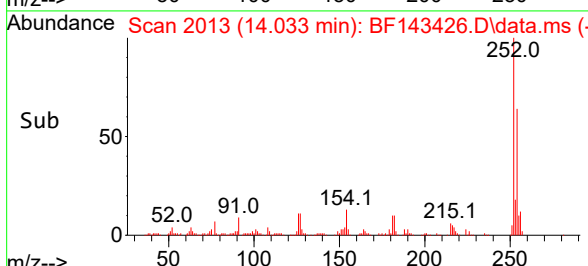
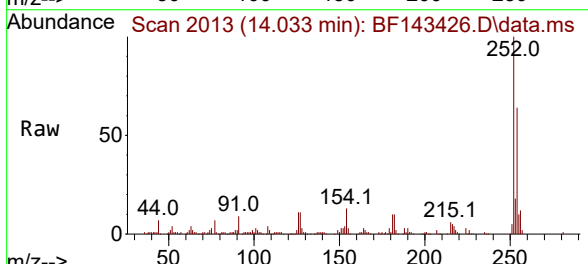
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.5	32.3
229	19.4	15.7	23.5

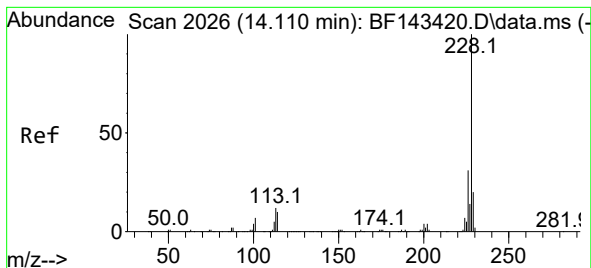


#82
 3,3'-Dichlorobenzidine
 Concen: 28.049 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: BF143426.D
 Acq: 15 Aug 2025 19:56

Tgt Ion:252 Resp: 112493

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.6	77.4
126	10.7	8.8	13.2





#83

Chrysene

Concen: 51.107 ng

RT: 14.115 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

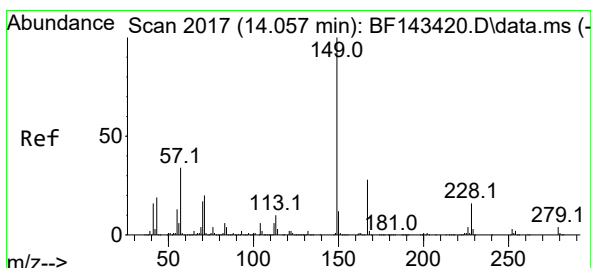
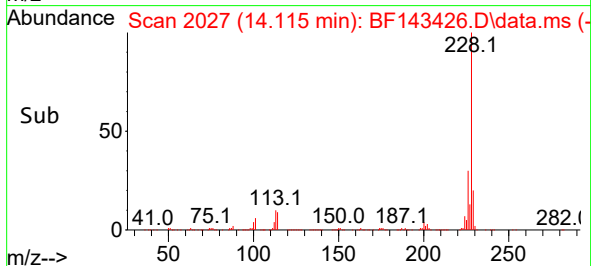
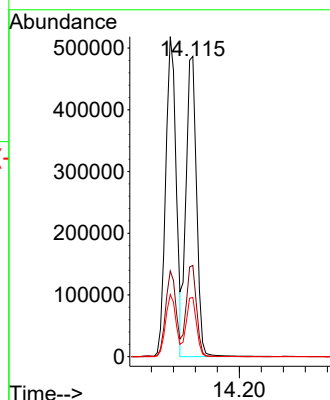
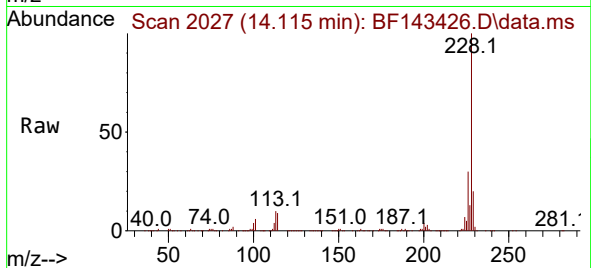
Tgt Ion:228 Resp: 647203

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.654 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

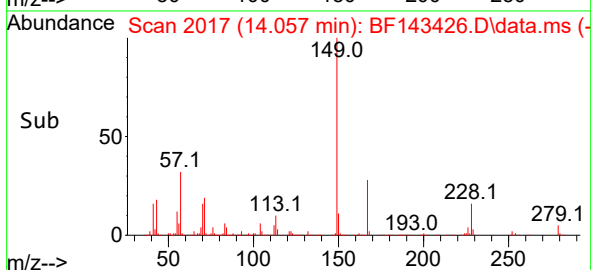
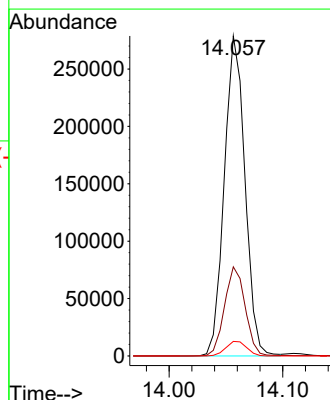
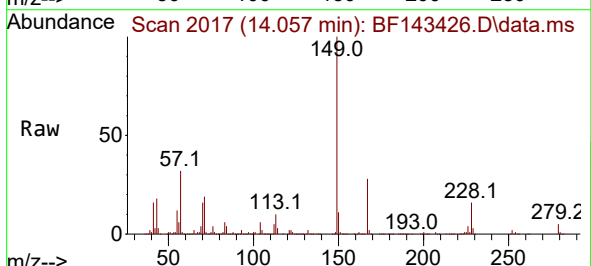
Tgt Ion:149 Resp: 352947

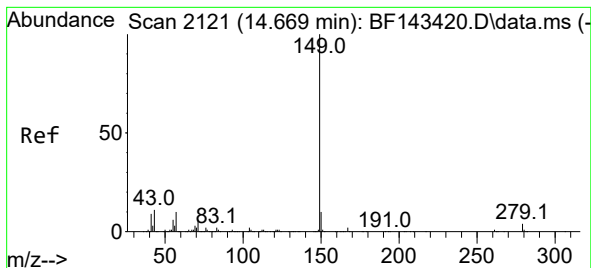
Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.270 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

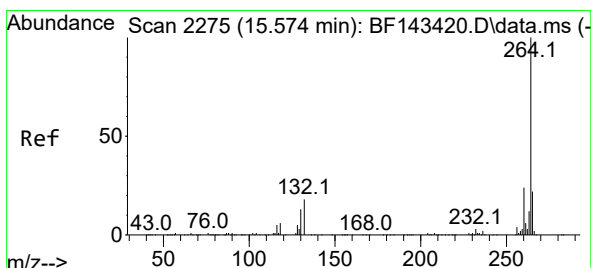
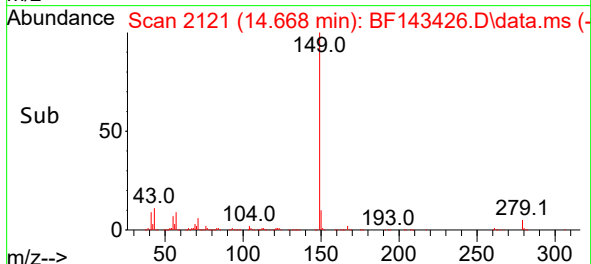
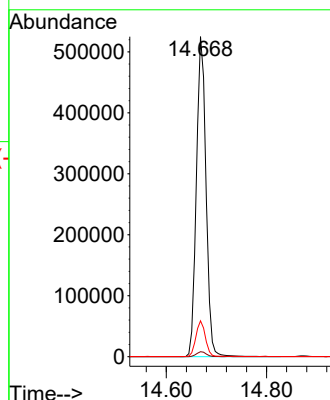
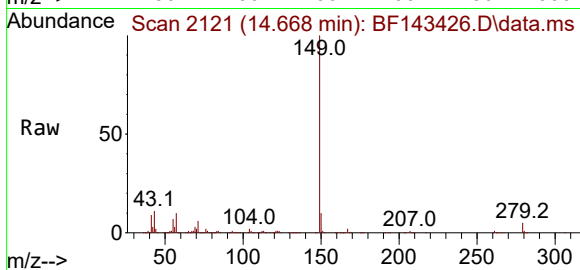
Tgt Ion:149 Resp: 697398

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

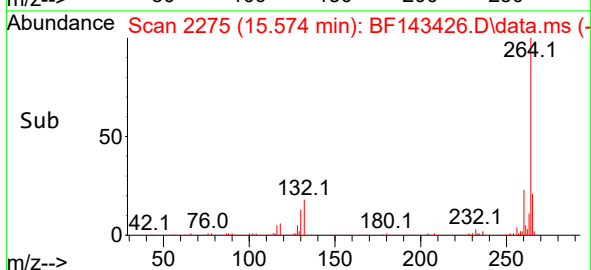
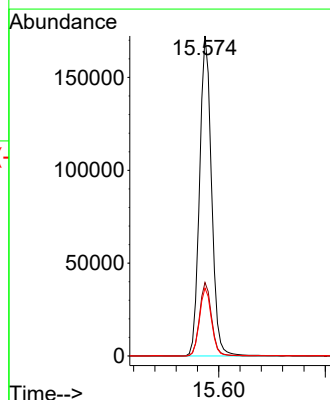
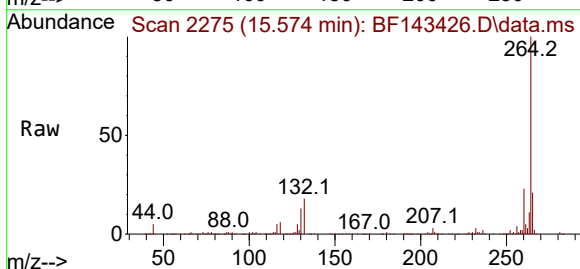
Tgt Ion:264 Resp: 268202

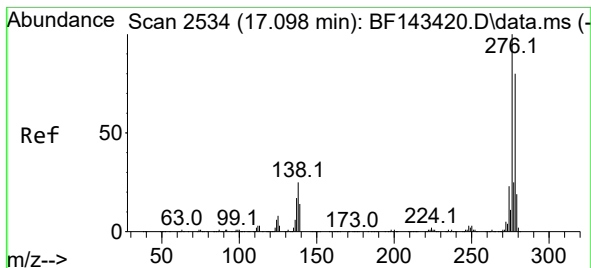
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.364 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

PB169229BS

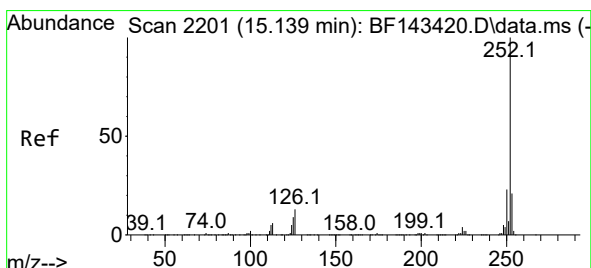
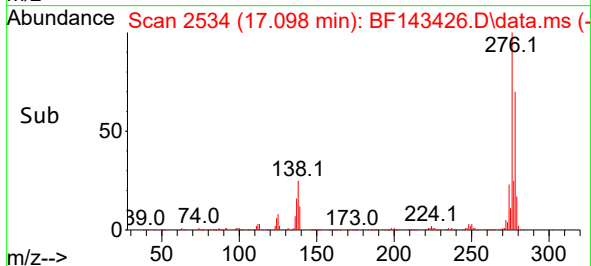
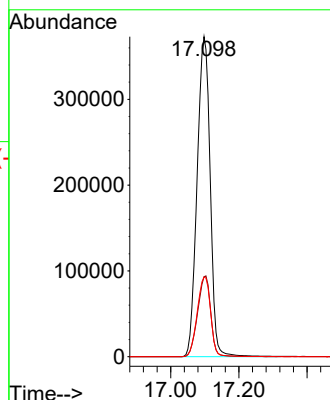
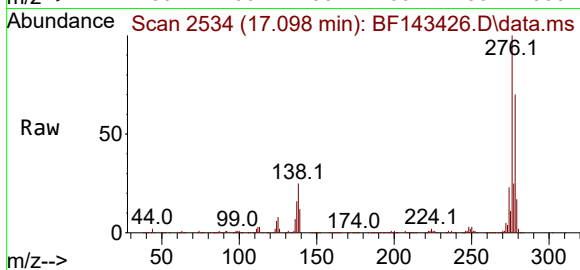
Tgt Ion:276 Resp: 992843

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.872 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143426.D

Acq: 15 Aug 2025 19:56

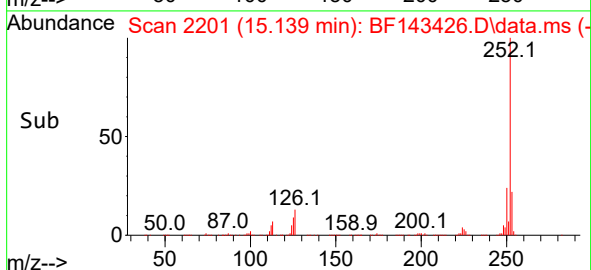
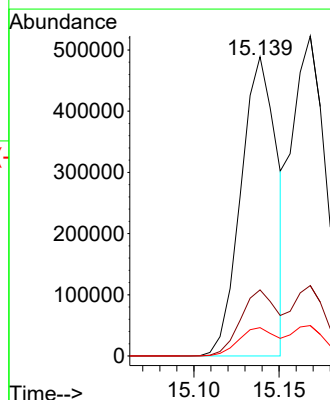
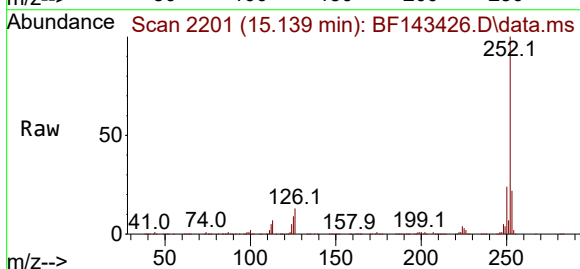
Tgt Ion:252 Resp: 716884

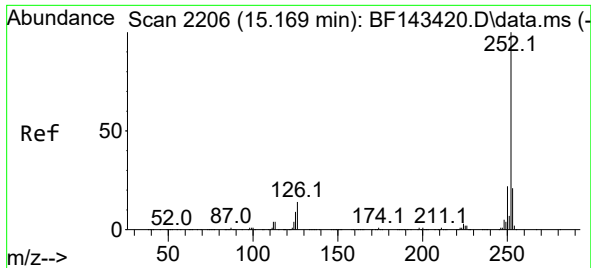
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

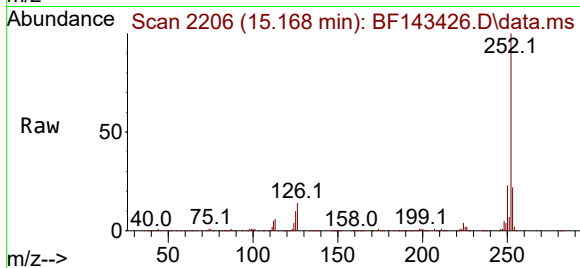
125 9.5 7.5 11.3



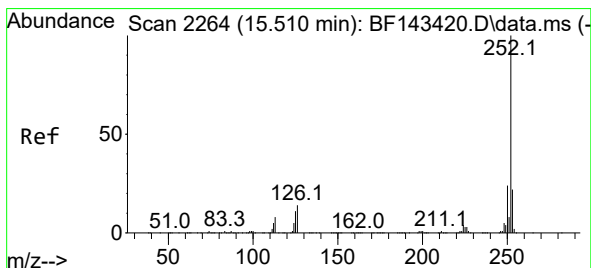
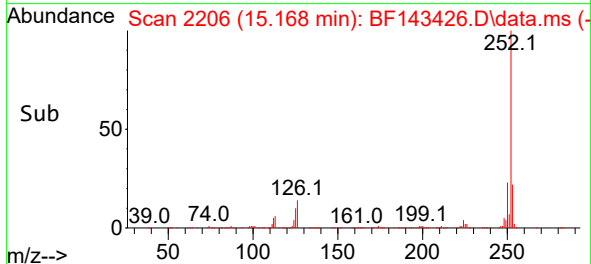
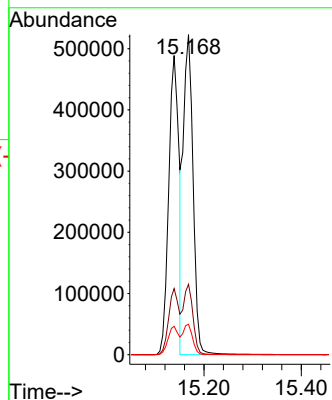


#89
Benzo(k)fluoranthene
Concen: 51.255 ng
RT: 15.168 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Instrument :
BNA_F
ClientSampleId :
PB169229BS

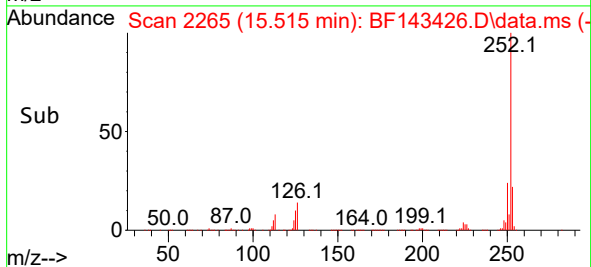
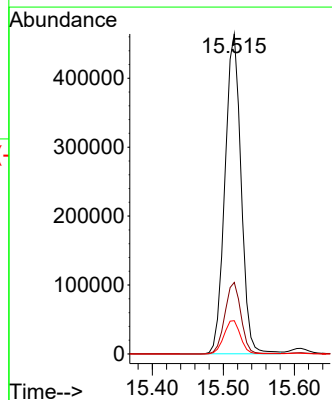
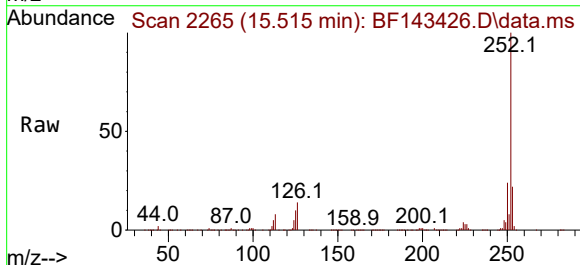


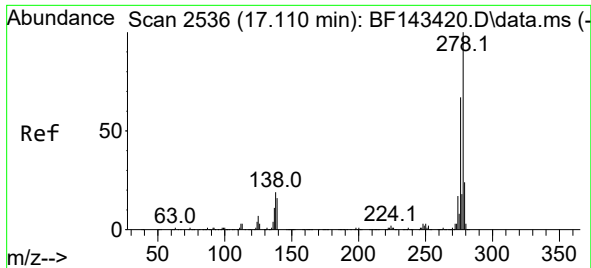
Tgt Ion:252 Resp: 726684
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 53.338 ng
RT: 15.515 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BF143426.D
Acq: 15 Aug 2025 19:56

Tgt Ion:252 Resp: 730252
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.4 8.6 12.8

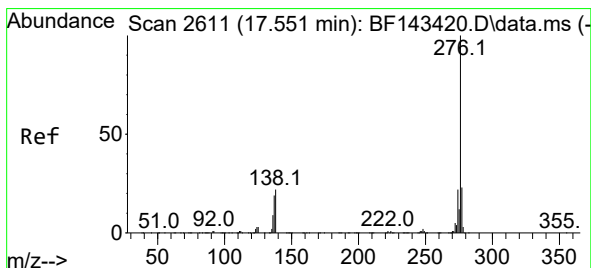
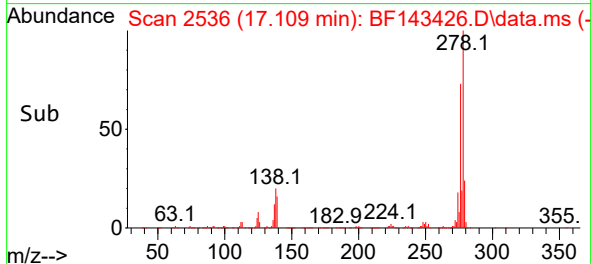
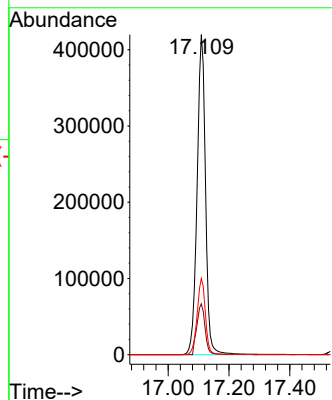
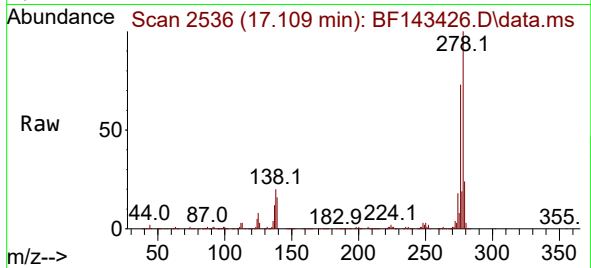




#91
 Dibenzo(a,h)anthracene
 Concen: 50.038 ng
 RT: 17.109 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143426.D
 Acq: 15 Aug 2025 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BS

Tgt Ion:278 Resp: 808184
 Ion Ratio Lower Upper
 278 100
 139 15.9 12.9 19.3
 279 23.8 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 51.092 ng
 RT: 17.556 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF143426.D
 Acq: 15 Aug 2025 19:56

Tgt Ion:276 Resp: 824368
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 21.3 17.5 26.3

