

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 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	125639	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	491006	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272709	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	440330	20.000	ng	0.00
76) Chrysene-d12	14.086	240	224321	20.000	ng	0.00
86) Perylene-d12	15.574	264	261605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	580235	80.281	ng	0.00
7) Phenol-d6	6.557	99	720369	79.088	ng	0.00
23) Nitrobenzene-d5	7.487	82	674421	81.505	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202301	83.344	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1240954	76.538	ng	0.00
79) Terphenyl-d14	13.027	244	1146442	85.853	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	137973	39.659	ng	99
3) Pyridine	3.499	79	372858	40.863	ng	99
4) n-Nitrosodimethylamine	3.440	42	171863	40.523	ng	100
6) Aniline	6.592	93	498492	40.314	ng	99
8) 2-Chlorophenol	6.716	128	319839	40.083	ng	99
9) Benzaldehyde	6.481	77	217414	44.869	ng	98
10) Phenol	6.575	94	430958	40.546	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	317550	40.305	ng	100
12) 1,3-Dichlorobenzene	6.869	146	355050	39.722	ng	99
13) 1,4-Dichlorobenzene	6.945	146	353824	39.650	ng	99
14) 1,2-Dichlorobenzene	7.098	146	337631	39.612	ng	100
15) Benzyl Alcohol	7.069	79	276064	41.098	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	537541	39.909	ng	100
17) 2-Methylphenol	7.181	107	263479	40.471	ng	99
18) Hexachloroethane	7.439	117	122314	40.268	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	222462	39.451	ng	97
20) 3+4-Methylphenols	7.334	107	317327	40.773	ng	100
22) Acetophenone	7.334	105	409319	38.772	ng	100
24) Nitrobenzene	7.504	77	353900	40.922	ng	100
25) Isophorone	7.745	82	634395	40.058	ng	100
26) 2-Nitrophenol	7.822	139	171500	42.777	ng	99
27) 2,4-Dimethylphenol	7.863	122	268492	39.609	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	387437	39.801	ng	99
29) 2,4-Dichlorophenol	8.069	162	278935	40.367	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	277133	39.142	ng	100
31) Naphthalene	8.234	128	917858	39.375	ng	100
32) Benzoic acid	7.975	122	145960	41.403	ng	97
33) 4-Chloroaniline	8.275	127	341869	40.630	ng	99
34) Hexachlorobutadiene	8.351	225	177092	39.224	ng	97
35) Caprolactam	8.645	113	84212	42.330	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	291765	40.997	ng	98
37) 2-Methylnaphthalene	8.922	142	615873	39.196	ng	100
38) 1-Methylnaphthalene	9.022	142	596492	39.623	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	297713	39.145	ng	99
41) Hexachlorocyclopentadiene	9.081	237	102238	40.416	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	193444	40.774	ng	99

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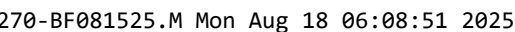
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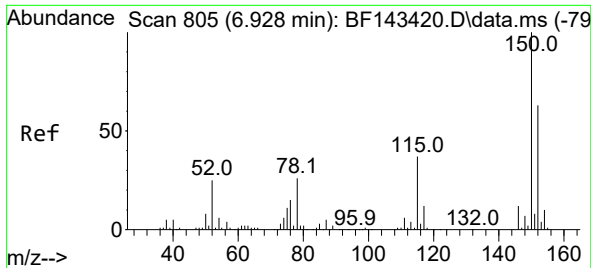
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210061	41.305	ng	99
46) 1,1'-Biphenyl	9.386	154	748830	39.081	ng	99
47) 2-Chloronaphthalene	9.410	162	590752	39.058	ng	99
48) 2-Nitroaniline	9.504	65	189676	42.141	ng	97
49) Acenaphthylene	9.822	152	866445	39.677	ng	100
50) Dimethylphthalate	9.675	163	686793	40.394	ng	100
51) 2,6-Dinitrotoluene	9.739	165	146942	43.842	ng	98
52) Acenaphthene	9.998	154	589195	40.115	ng	100
53) 3-Nitroaniline	9.910	138	160770	43.062	ng	99
54) 2,4-Dinitrophenol	10.022	184	60785	41.967	ng	97
55) Dibenzofuran	10.169	168	827034	39.033	ng	99
56) 4-Nitrophenol	10.075	139	104368	44.464	ng	98
57) 2,4-Dinitrotoluene	10.145	165	198343	44.386	ng	100
58) Fluorene	10.510	166	635952	39.070	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	167166	43.424	ng	99
60) Diethylphthalate	10.380	149	636541	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	318141	39.533	ng	100
62) 4-Nitroaniline	10.522	138	152248	43.604	ng	97
63) Azobenzene	10.663	77	637467	40.143	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	104008	45.779	ng	99
66) n-Nitrosodiphenylamine	10.616	169	554575	38.734	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	205635	39.547	ng	99
68) Hexachlorobenzene	11.063	284	215158	38.923	ng	99
69) Atrazine	11.139	200	177396	42.361	ng	99
70) Pentachlorophenol	11.257	266	105712	43.486	ng	99
71) Phenanthrene	11.474	178	919627	38.568	ng	100
72) Anthracene	11.527	178	937696	38.935	ng	100
73) Carbazole	11.674	167	804170	39.480	ng	100
74) Di-n-butylphthalate	12.004	149	859613	42.379	ng	100
75) Fluoranthene	12.663	202	842615	39.770	ng	100
77) Benzidine	12.774	184	301000	47.400	ng	100
78) Pyrene	12.892	202	845466	43.363	ng	99
80) Butylbenzylphthalate	13.498	149	216055	44.739	ng	100
81) Benzo(a)anthracene	14.074	228	569456	39.874	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	164709	39.390	ng	99
83) Chrysene	14.110	228	539626	40.872	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	282227	41.151	ng	99
85) Di-n-octyl phthalate	14.668	149	546335	39.276	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	810056	41.292	ng	100
88) Benzo(b)fluoranthene	15.139	252	561290	40.032	ng	99
89) Benzo(k)fluoranthene	15.168	252	556803	40.263	ng	100
90) Benzo(a)pyrene	15.510	252	536535	40.177	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	656933	41.699	ng	99
92) Benzo(g,h,i)perylene	17.551	276	652150	41.438	ng	99

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

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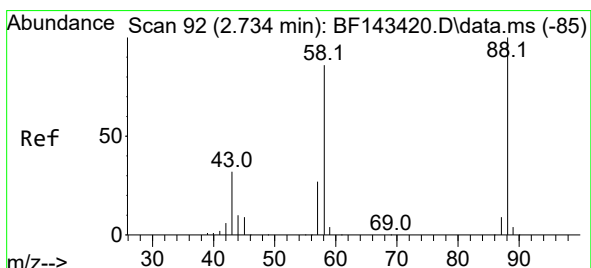
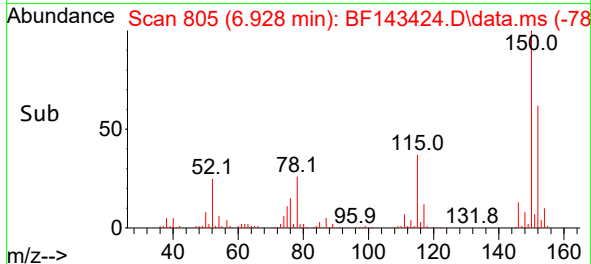
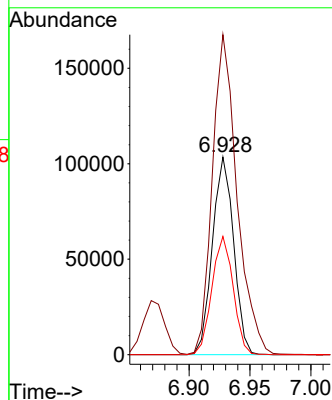
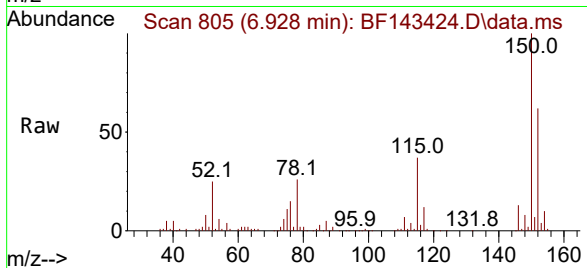




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

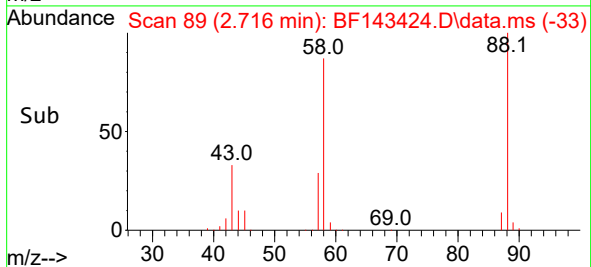
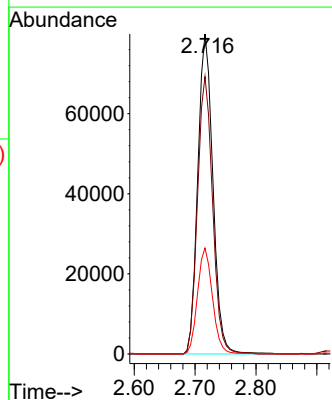
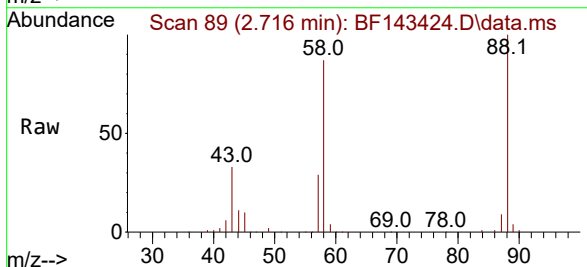
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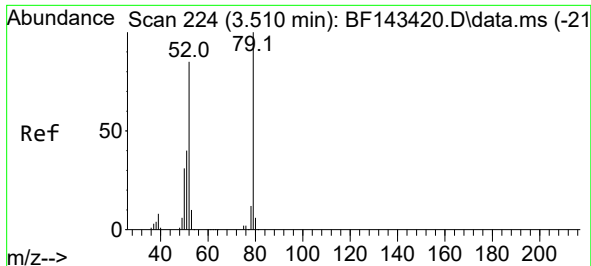
Tgt Ion:152 Resp: 125639
Ion Ratio Lower Upper
152 100
150 161.9 127.4 191.2
115 59.8 47.5 71.3



#2
1,4-Dioxane
Concen: 39.659 ng
RT: 2.716 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 88 Resp: 137973
Ion Ratio Lower Upper
88 100
58 86.4 68.7 103.1
43 32.9 26.1 39.1





#3

Pyridine

Concen: 40.863 ng

RT: 3.499 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

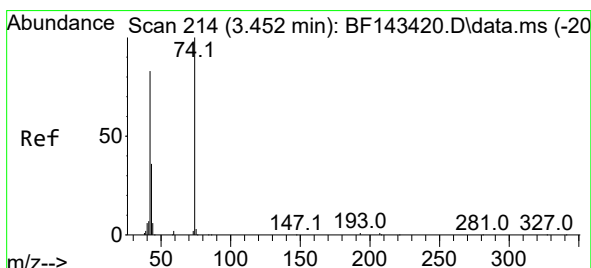
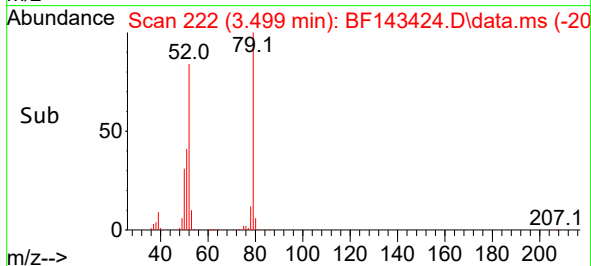
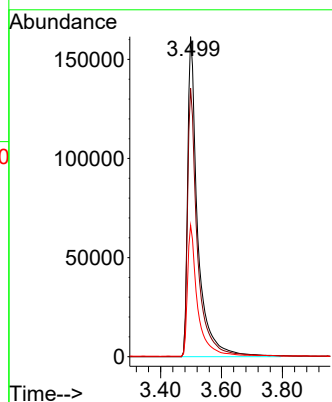
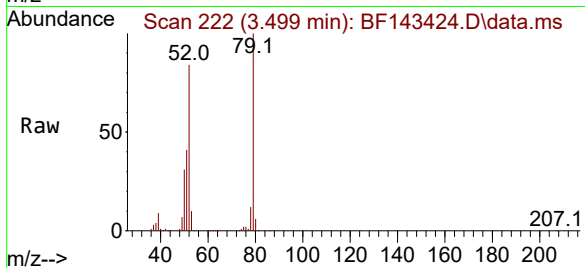
Tgt Ion: 79 Resp: 372858

Ion Ratio Lower Upper

79 100

52 83.9 67.7 101.5

51 41.0 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.523 ng

RT: 3.440 min Scan# 212

Delta R.T. -0.012 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

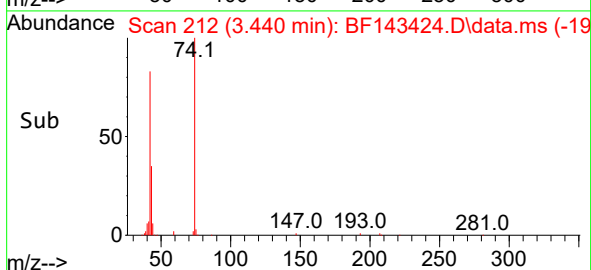
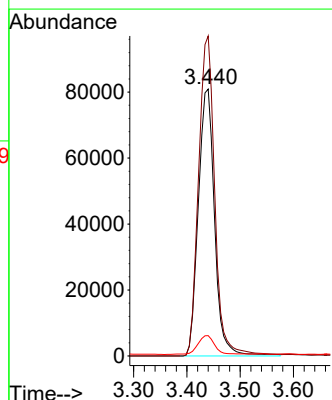
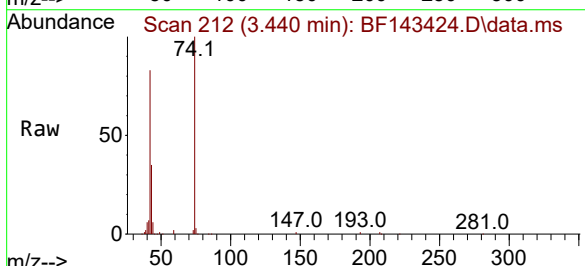
Tgt Ion: 42 Resp: 171863

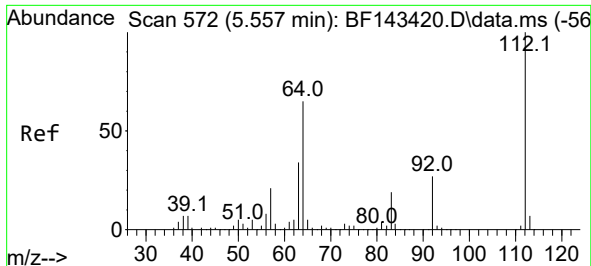
Ion Ratio Lower Upper

42 100

74 119.9 96.2 144.4

44 7.6 5.9 8.9

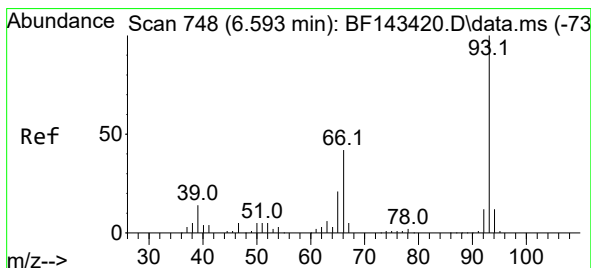
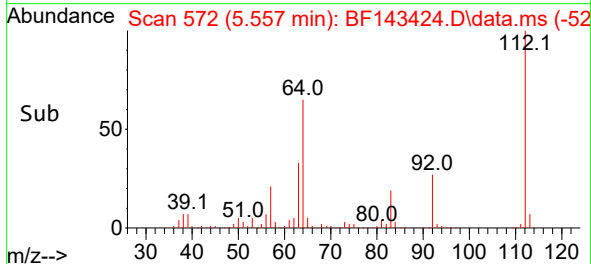
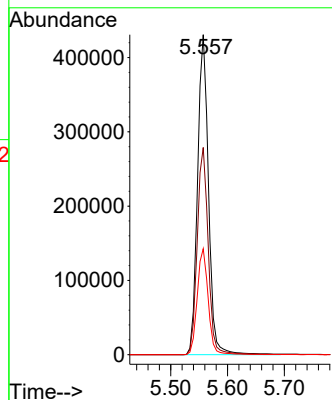
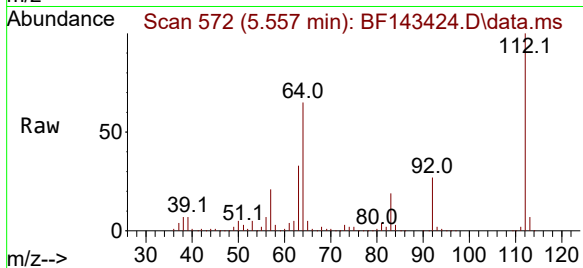




#5
2-Fluorophenol
Concen: 80.281 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

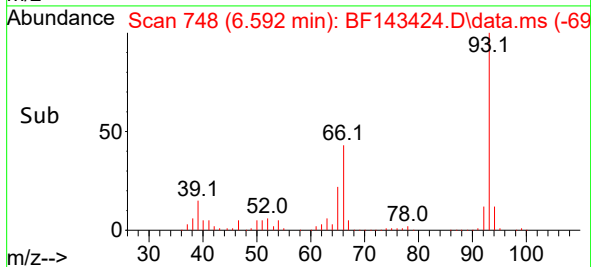
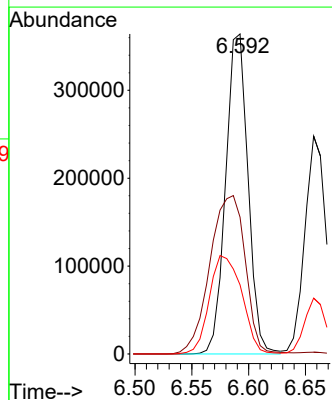
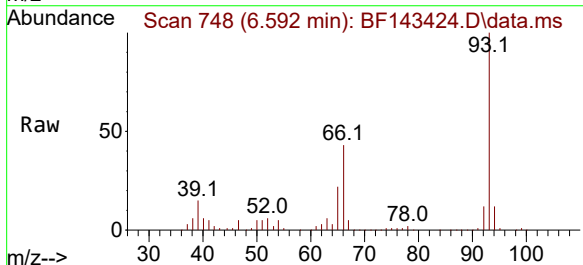
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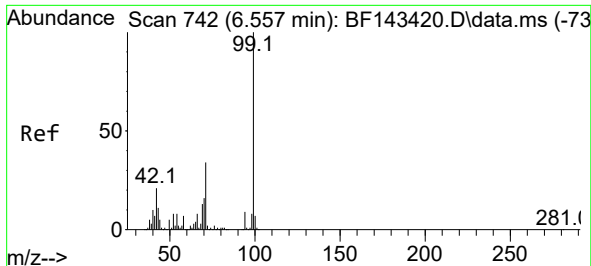
Tgt Ion:112 Resp: 580235
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.1 27.0 40.6



#6
Aniline
Concen: 40.314 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 93 Resp: 498492
Ion Ratio Lower Upper
93 100
66 42.7 33.8 50.8
65 21.6 17.2 25.8

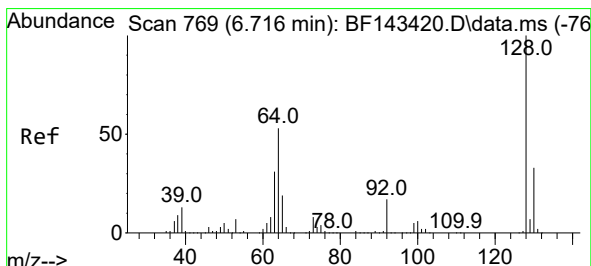
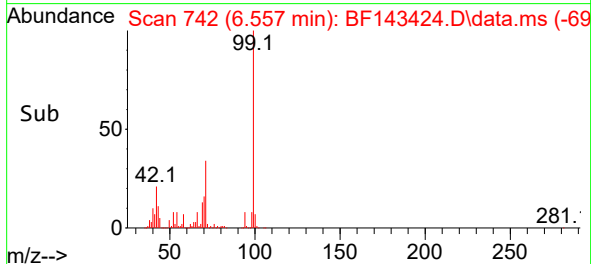
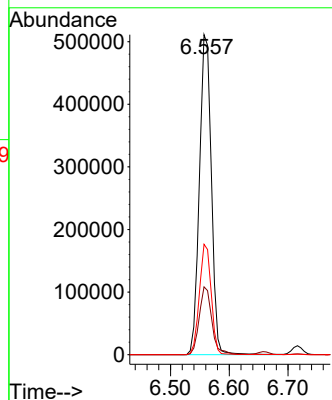
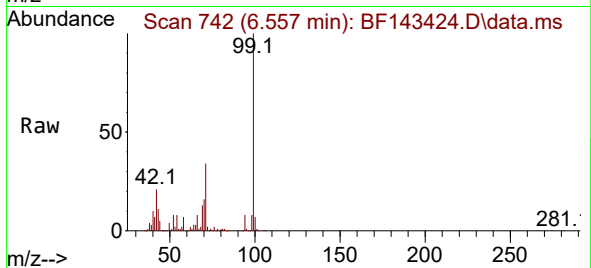




#7
Phenol-d6
Concen: 79.088 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

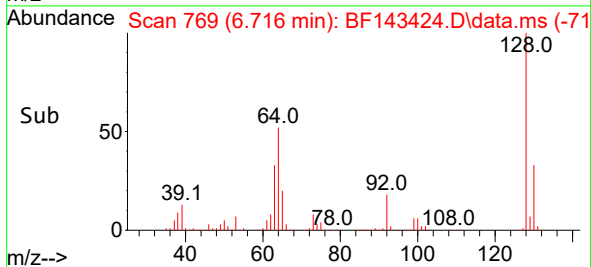
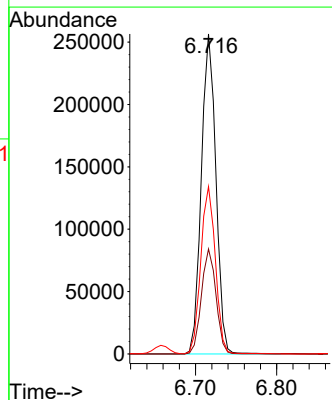
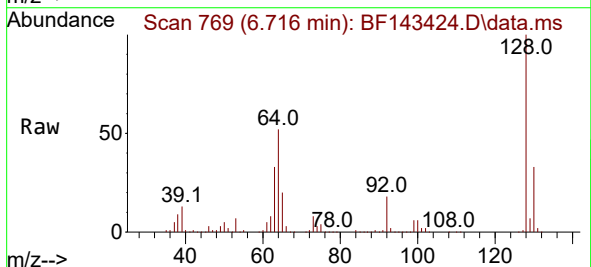
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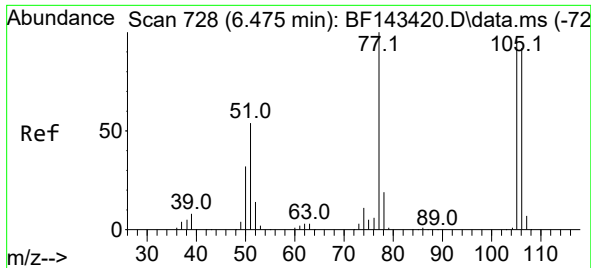
Tgt Ion: 99 Resp: 720369
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 34.5 27.4 41.2



#8
2-Chlorophenol
Concen: 40.083 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 128 Resp: 319839
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 52.3 33.1 73.1

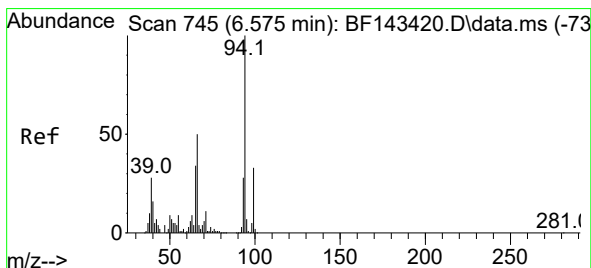
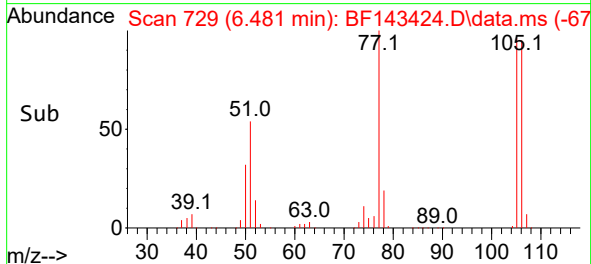
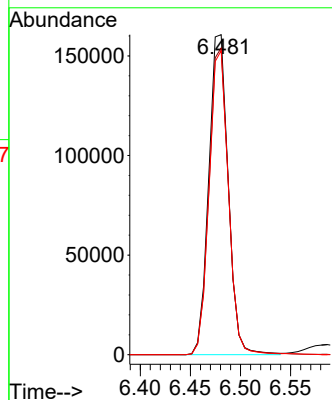
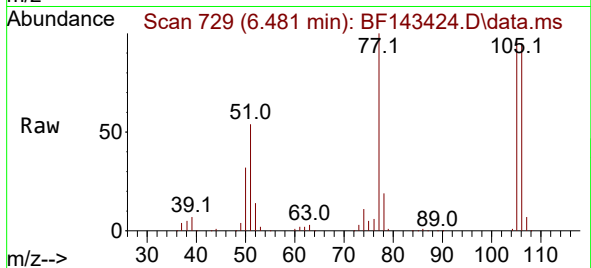




#9
Benzaldehyde
Concen: 44.869 ng
RT: 6.481 min Scan# 728
Delta R.T. 0.006 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

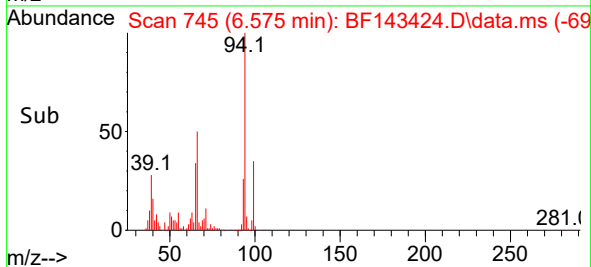
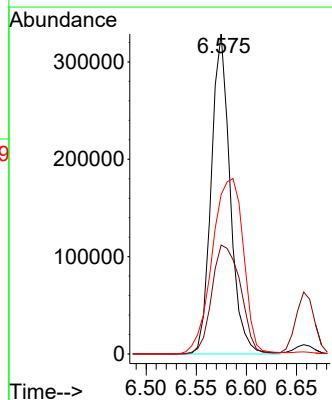
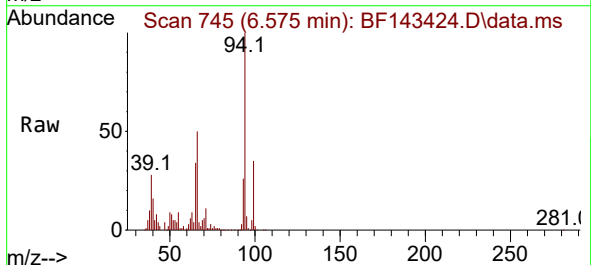
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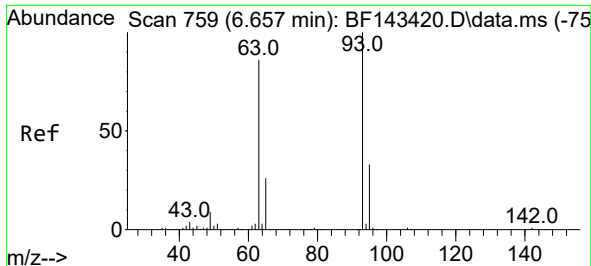
Tgt Ion: 77 Resp: 217414
Ion Ratio Lower Upper
77 100
105 95.9 75.5 115.5
106 95.0 72.0 112.0



#10
Phenol
Concen: 40.546 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 94 Resp: 430958
Ion Ratio Lower Upper
94 100
65 34.1 13.7 53.7
66 49.8 30.3 70.3

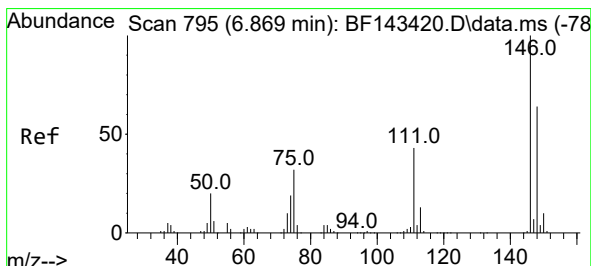
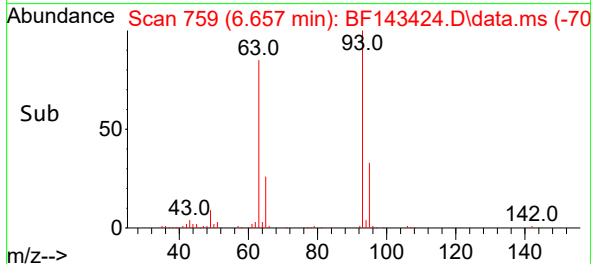
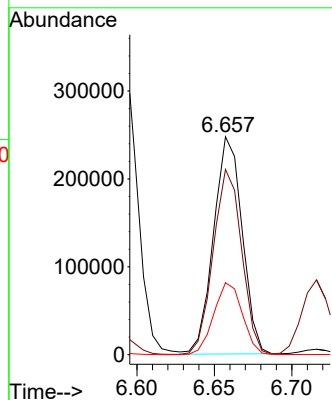
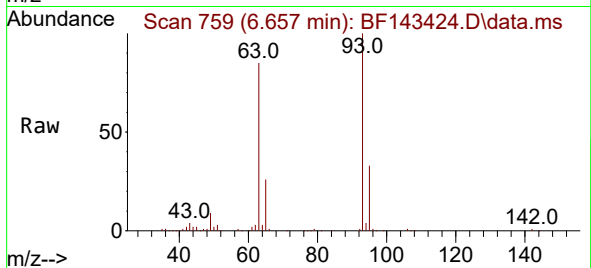




#11
bis(2-Chloroethyl)ether
Concen: 40.305 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

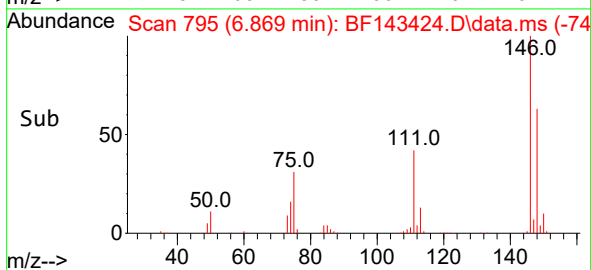
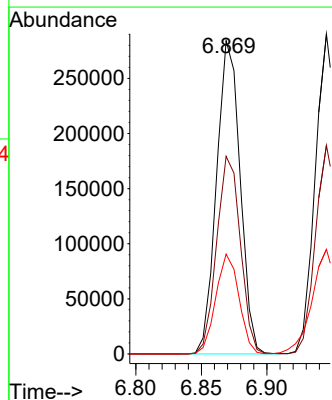
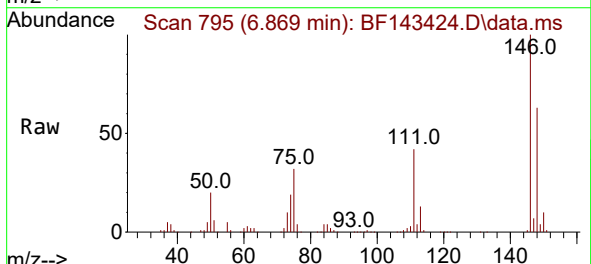
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

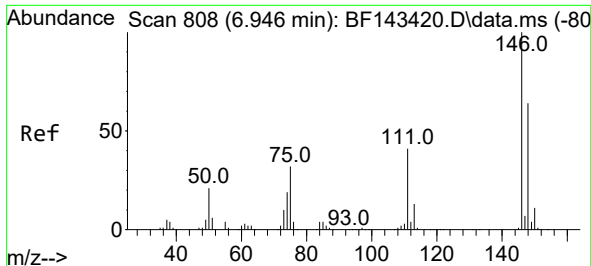
Tgt Ion: 93 Resp: 317550
Ion Ratio Lower Upper
93 100
63 85.1 65.4 105.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.722 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 146 Resp: 355050
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
75 31.9 25.3 37.9

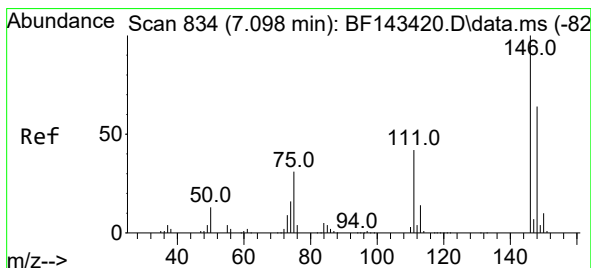
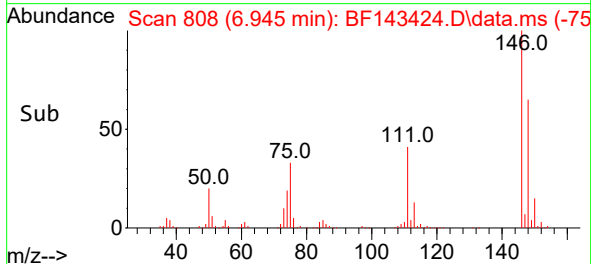
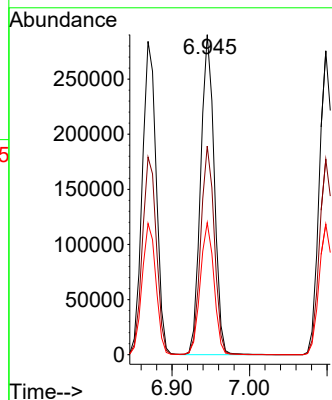
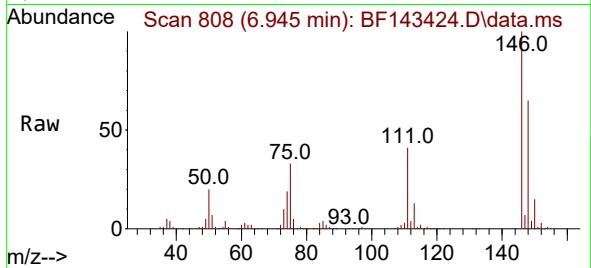




#13
1,4-Dichlorobenzene
Concen: 39.650 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

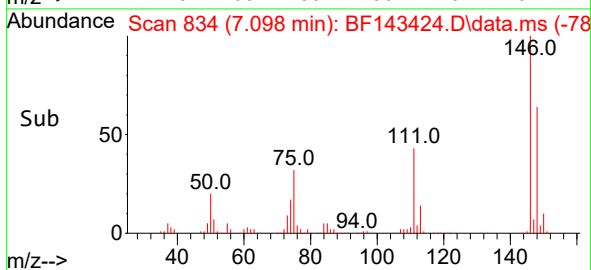
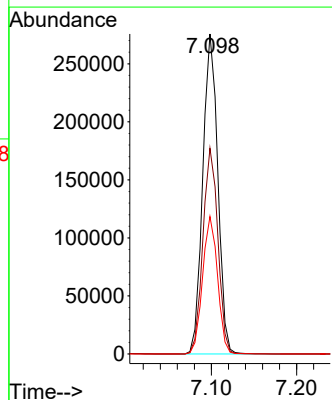
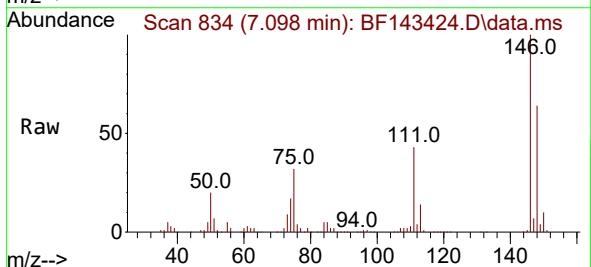
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

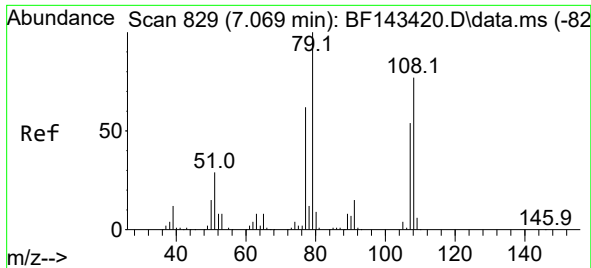
Tgt Ion:146 Resp: 353824
Ion Ratio Lower Upper
146 100
148 65.2 51.1 76.7
111 41.3 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 39.612 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:146 Resp: 337631
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 43.0 33.9 50.9

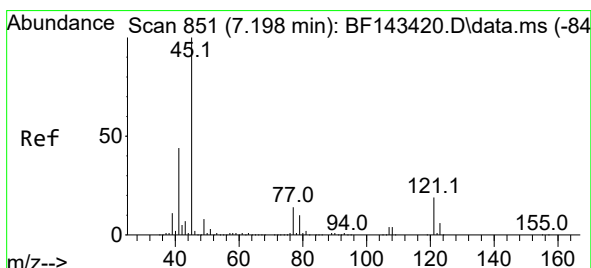
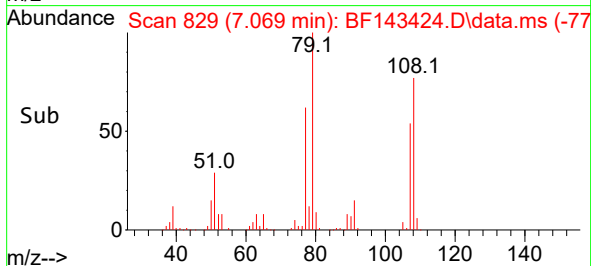
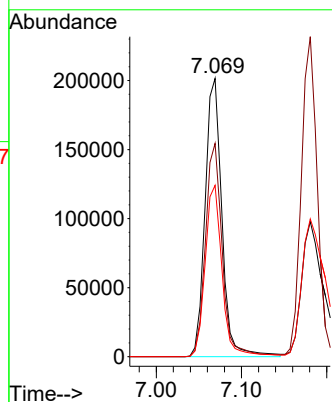
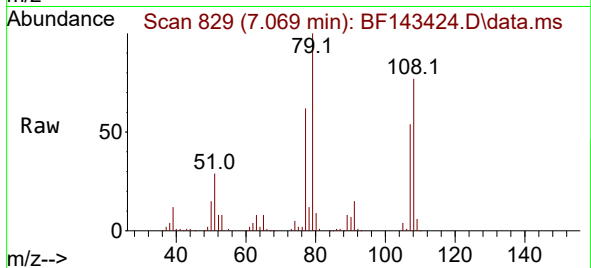




#15
Benzyl Alcohol
Concen: 41.098 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

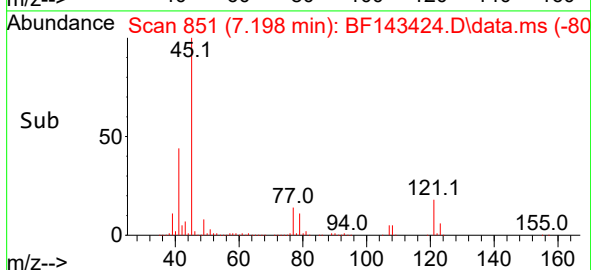
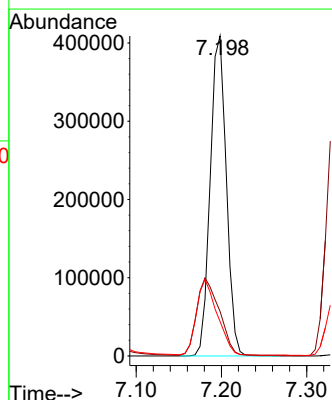
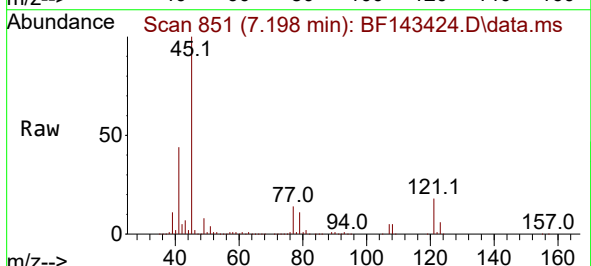
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

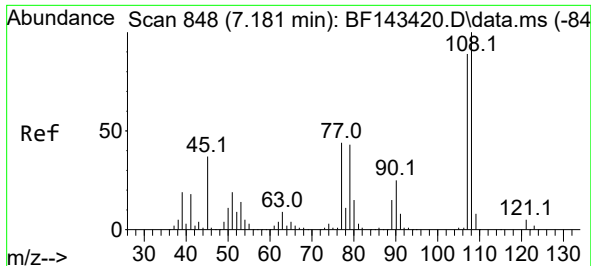
Tgt Ion: 79 Resp: 276064
Ion Ratio Lower Upper
79 100
108 76.7 61.9 92.9
77 61.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.909 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 45 Resp: 537541
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.9
79 10.8 0.0 30.7

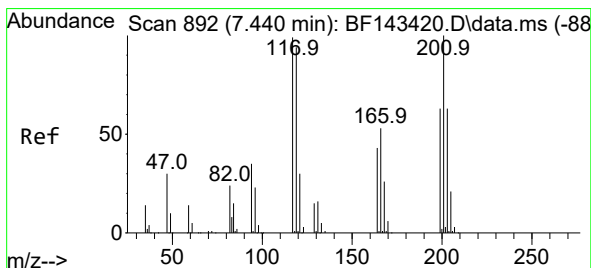
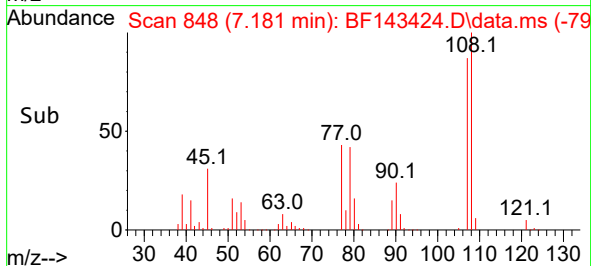
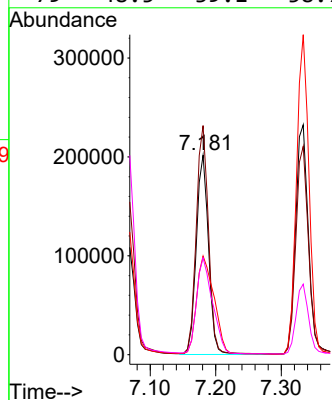
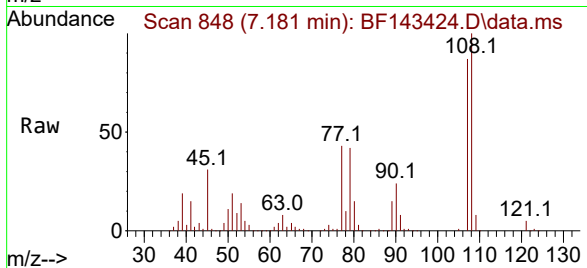




#17
2-Methylphenol
Concen: 40.471 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

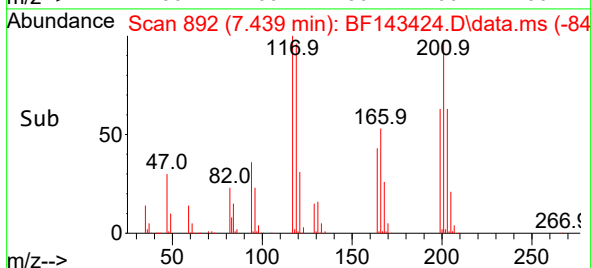
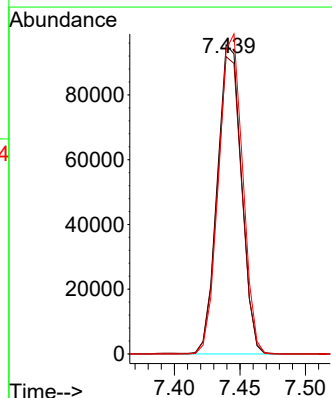
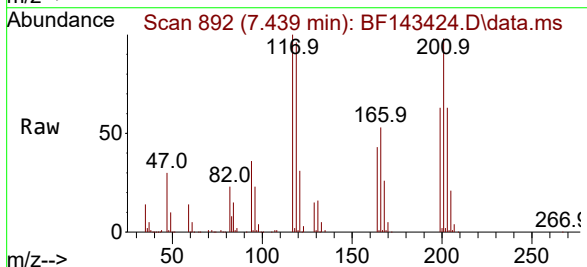
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

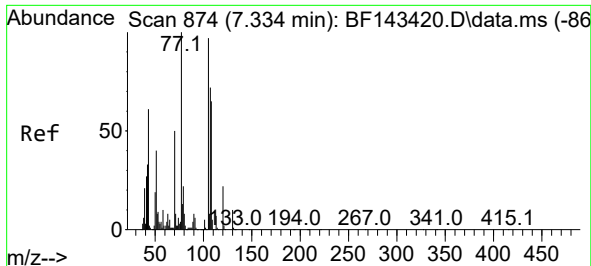
Tgt Ion:107 Resp: 263479
Ion Ratio Lower Upper
107 100
108 114.8 90.1 135.1
77 49.4 39.9 59.9
79 48.5 39.1 58.7



#18
Hexachloroethane
Concen: 40.268 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:117 Resp: 122314
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 98.4 81.0 121.4



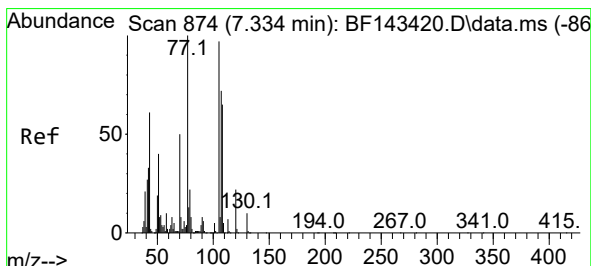
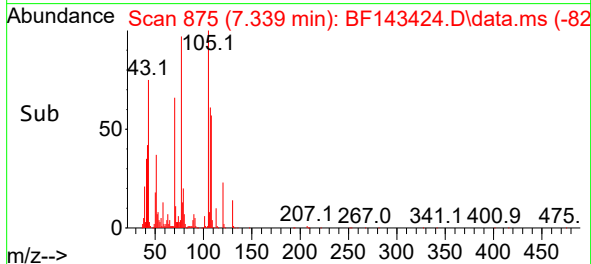
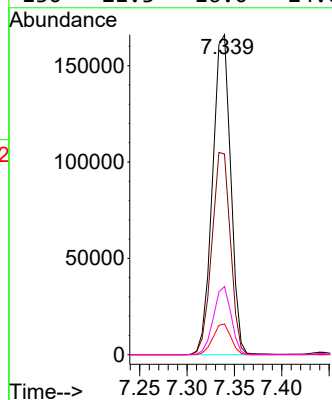
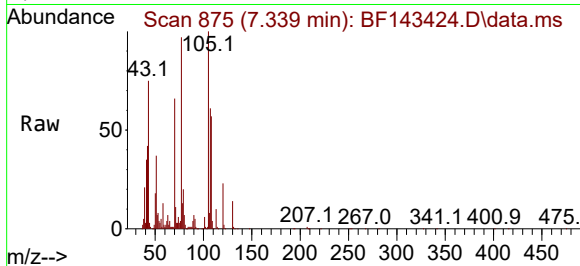


#19
n-Nitroso-di-n-propylamine
Concen: 39.451 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Tgt Ion: 70 Resp: 222462

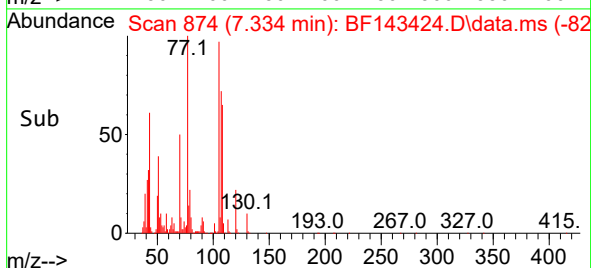
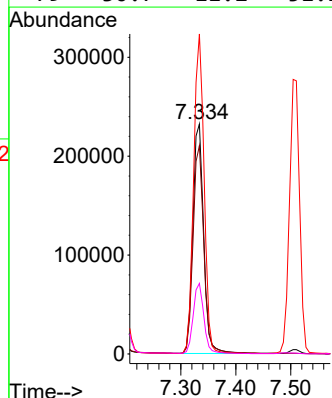
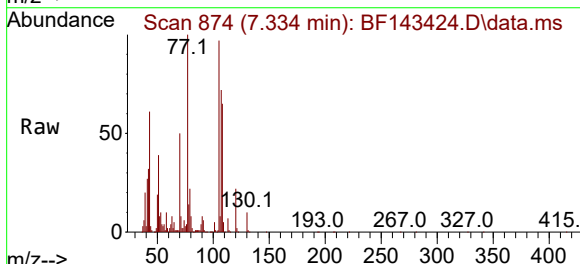
Ion	Ratio	Lower	Upper
70	100		
42	62.7	52.5	78.7
101	9.6	7.9	11.9
130	21.3	16.0	24.0

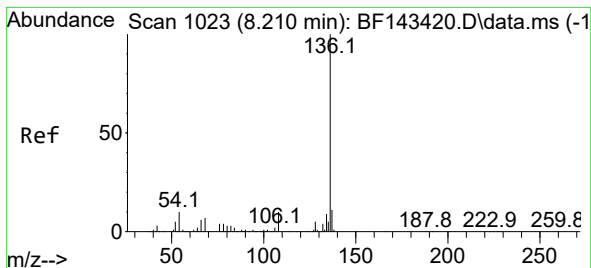


#20
3+4-Methylphenols
Concen: 40.773 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 107 Resp: 317327

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.8	110.8
77	139.1	119.1	159.1
79	30.7	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143424.D

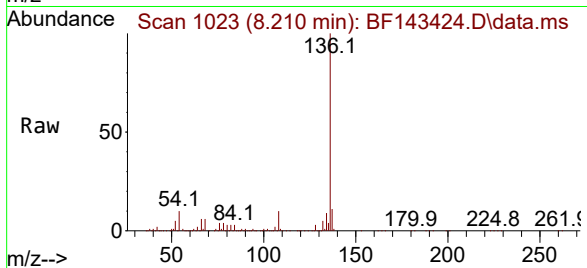
Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525



Tgt Ion:136 Resp: 491006

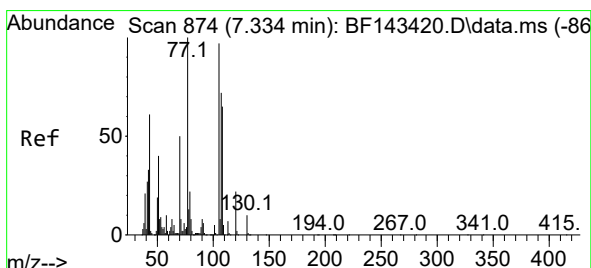
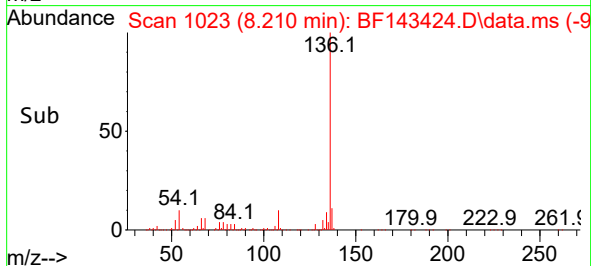
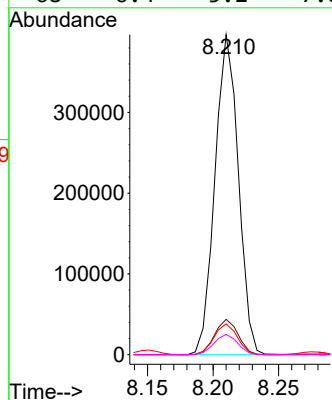
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.6 7.8 11.8

68 6.4 5.2 7.8



#22

Acetophenone

Concen: 38.772 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Tgt Ion:105 Resp: 409319

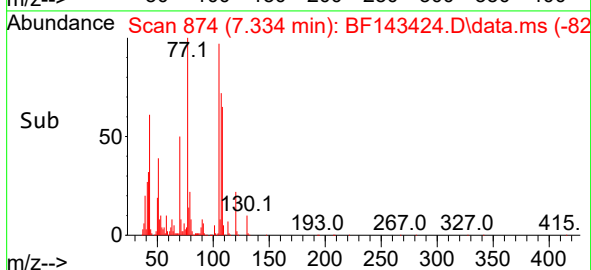
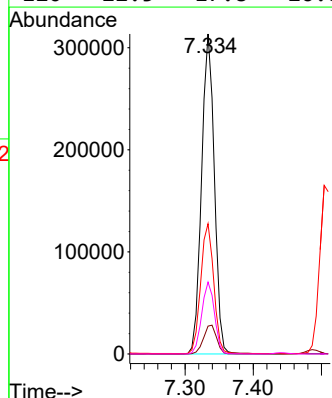
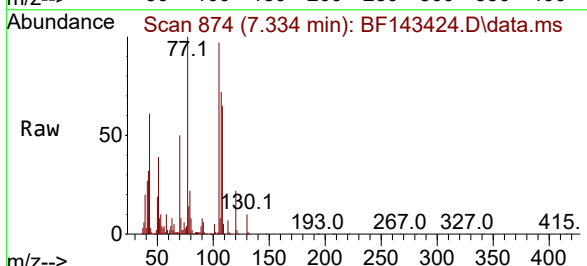
Ion Ratio Lower Upper

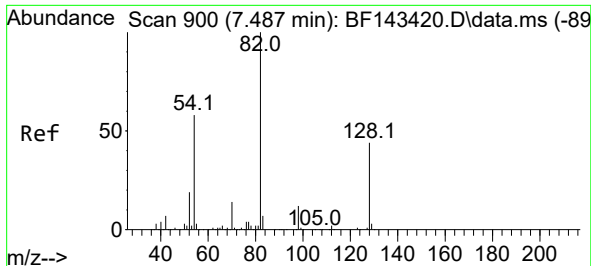
105 100

71 8.7 7.0 10.4

51 40.7 32.7 49.1

120 22.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.505 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

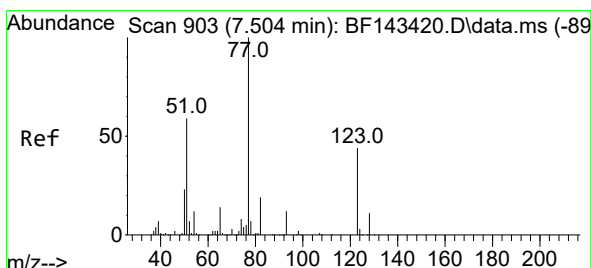
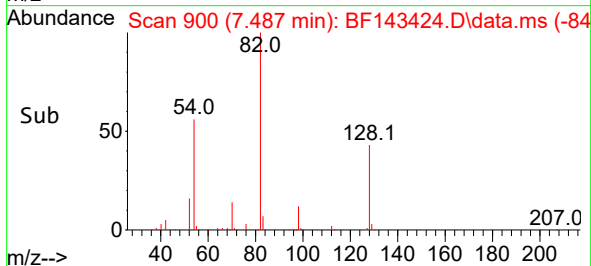
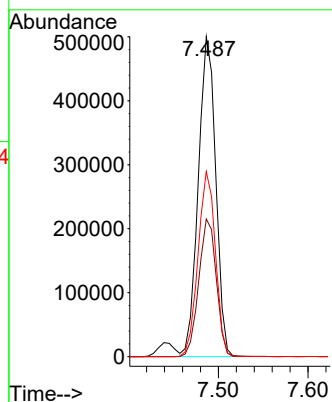
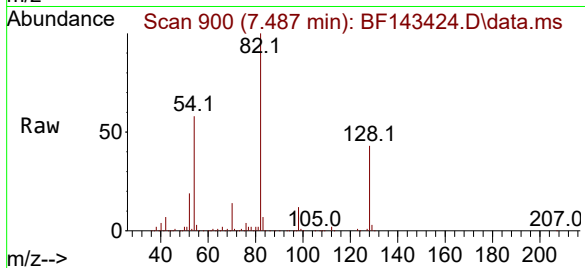
Tgt Ion: 82 Resp: 674421

Ion Ratio Lower Upper

82 100

128 43.1 34.6 52.0

54 57.9 46.0 69.0



#24

Nitrobenzene

Concen: 40.922 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

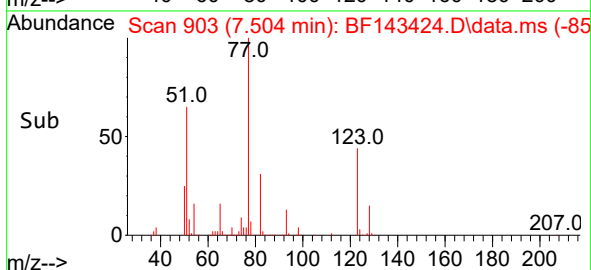
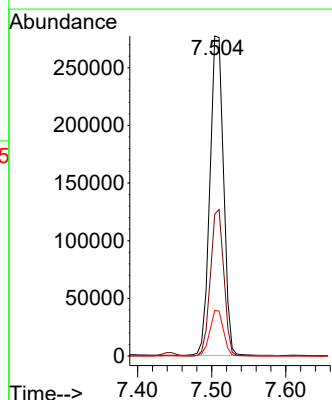
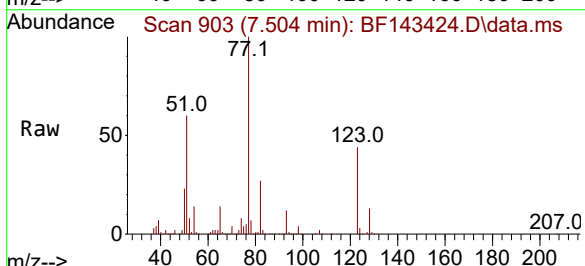
Tgt Ion: 77 Resp: 353900

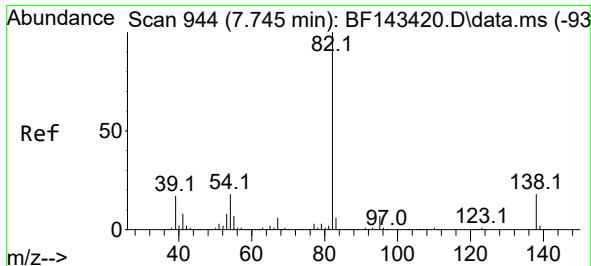
Ion Ratio Lower Upper

77 100

123 44.3 35.4 53.0

65 14.2 11.2 16.8

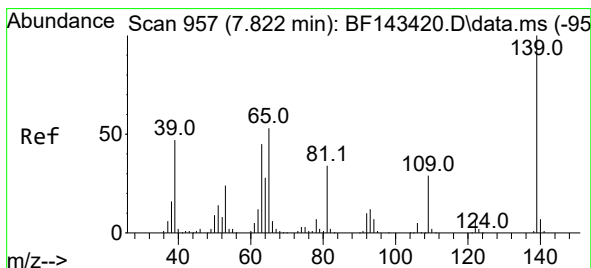
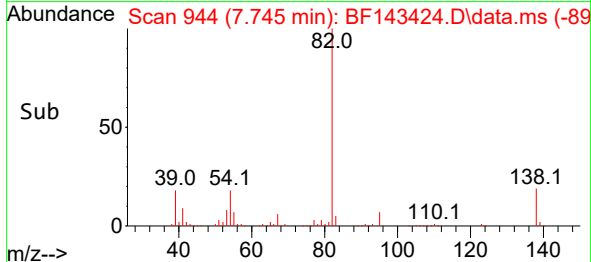
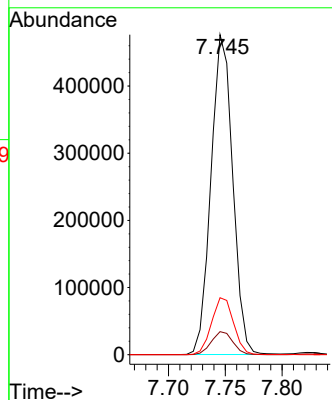
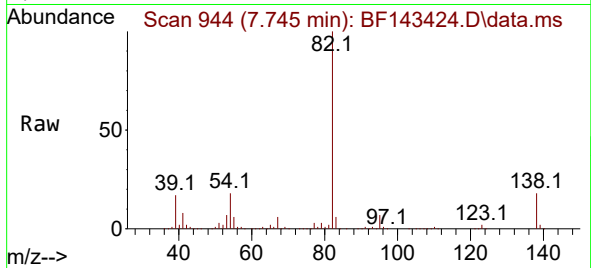




#25
Isophorone
Concen: 40.058 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

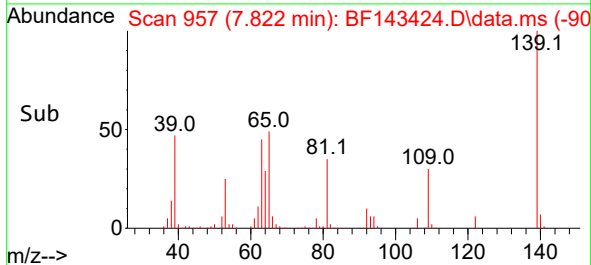
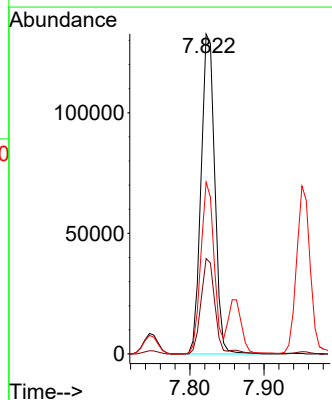
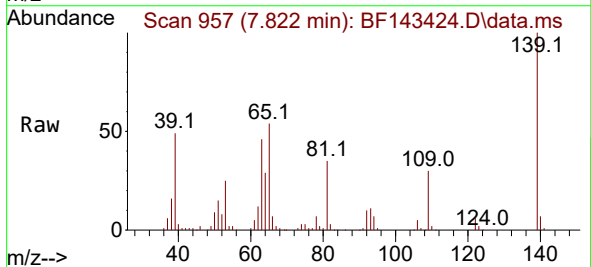
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

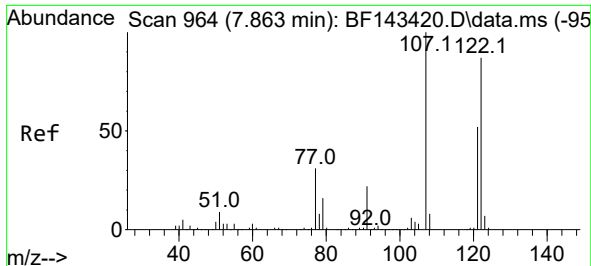
Tgt Ion: 82 Resp: 634395
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.8 14.3 21.5



#26
2-Nitrophenol
Concen: 42.777 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:139 Resp: 171500
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.4
65 53.7 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 39.609 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

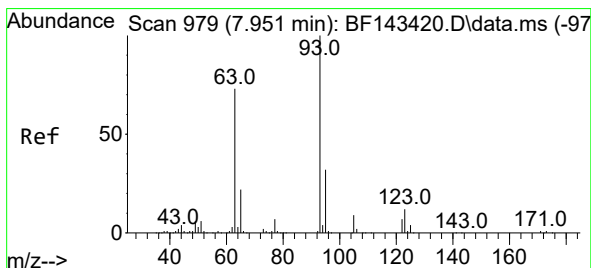
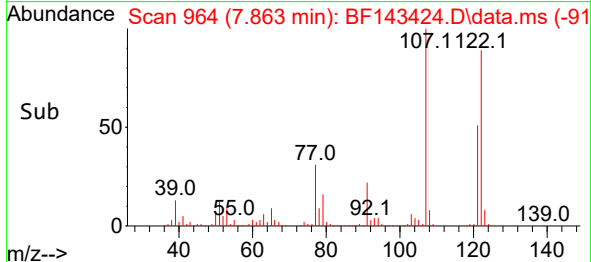
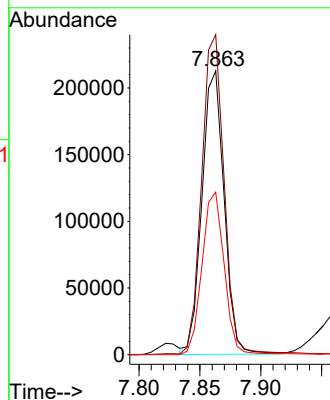
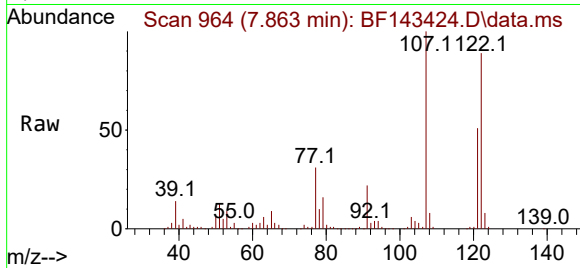
Tgt Ion:122 Resp: 268492

Ion Ratio Lower Upper

122 100

107 112.7 90.4 135.6

121 57.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.801 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

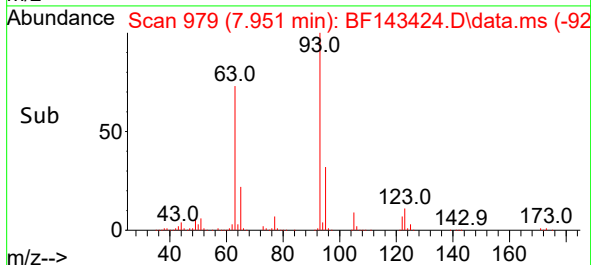
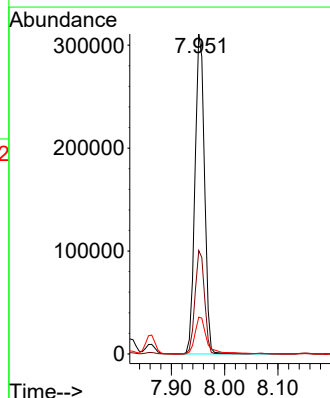
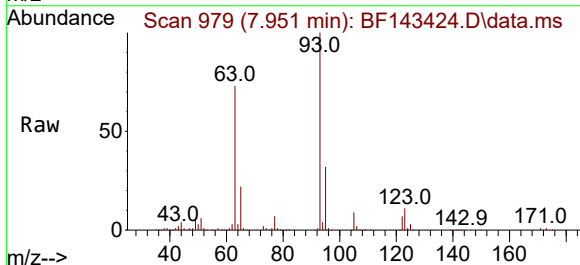
Tgt Ion: 93 Resp: 387437

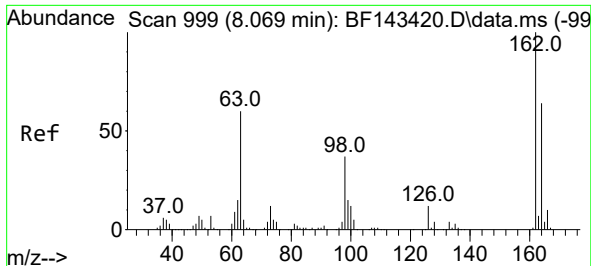
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.367 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143424.D

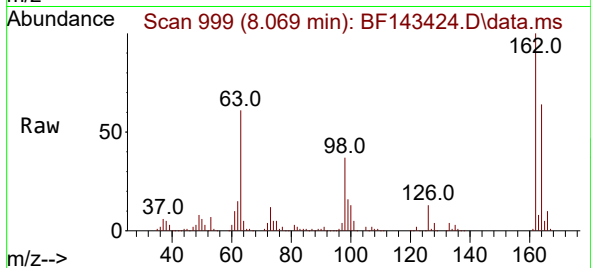
Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525



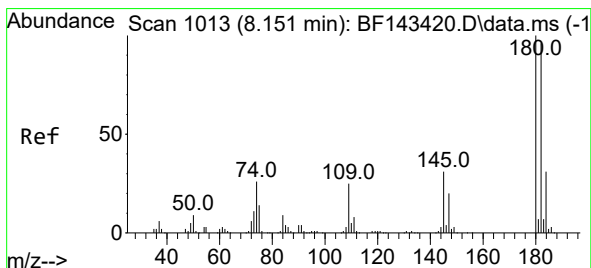
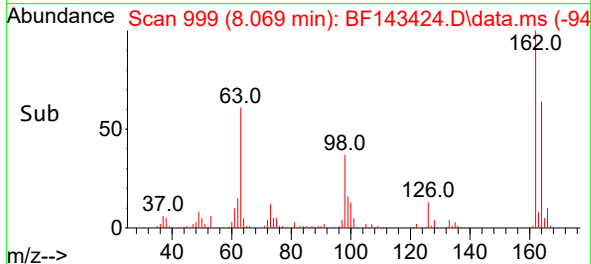
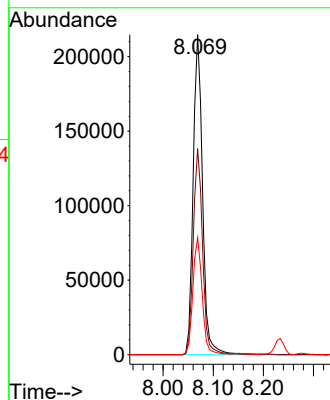
Tgt Ion:162 Resp: 278935

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 36.6 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.142 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

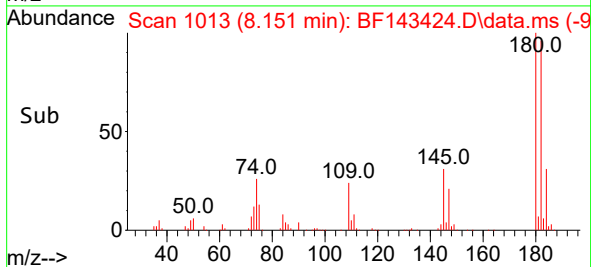
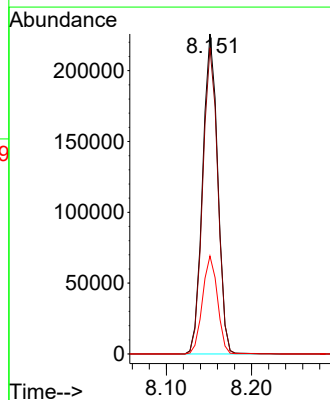
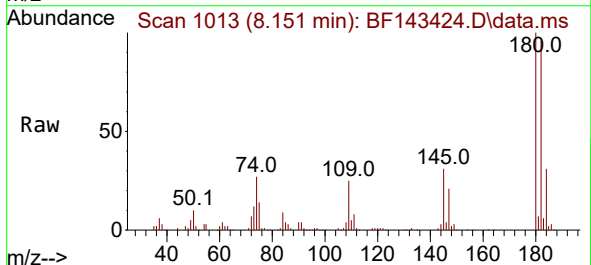
Tgt Ion:180 Resp: 277133

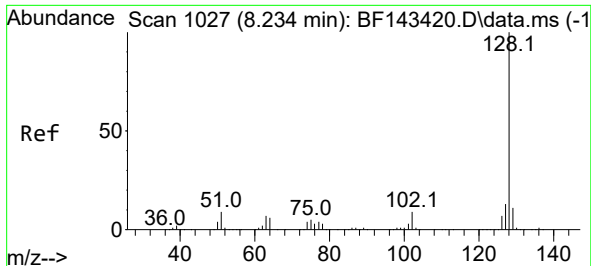
Ion Ratio Lower Upper

180 100

182 95.7 76.7 115.1

145 30.6 24.5 36.7

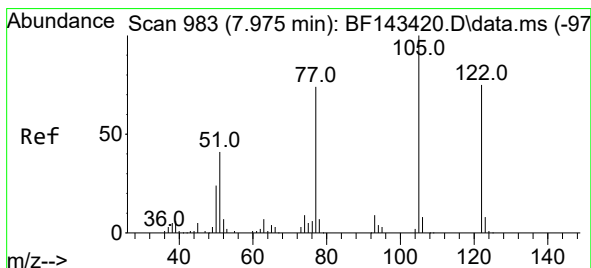
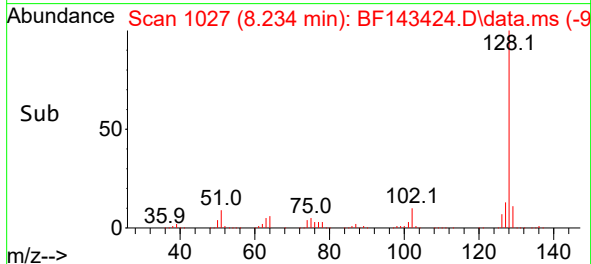
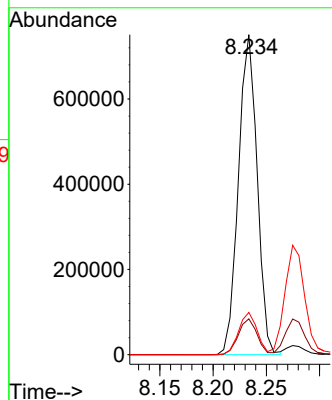
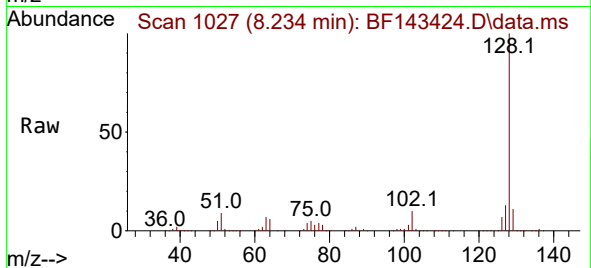




#31
Naphthalene
Concen: 39.375 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

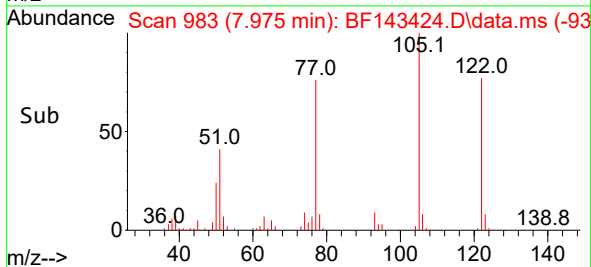
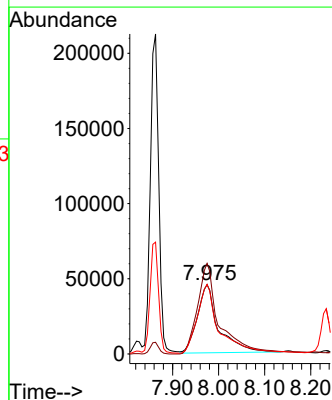
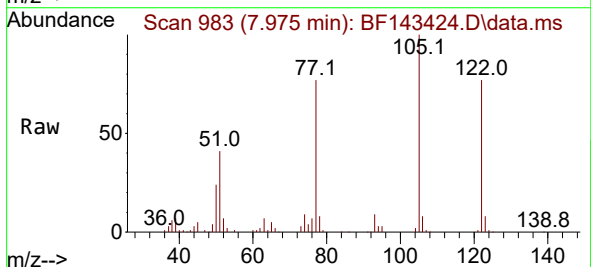
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

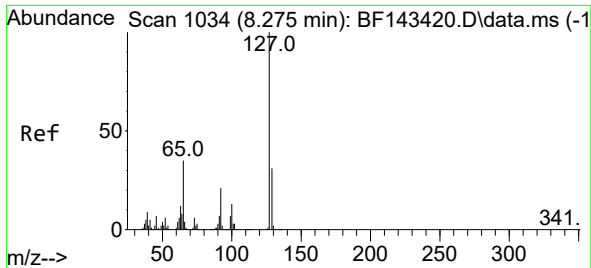
Tgt Ion:128 Resp: 917858
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 41.403 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:122 Resp: 145960
Ion Ratio Lower Upper
122 100
105 130.7 108.4 148.4
77 100.3 75.9 115.9

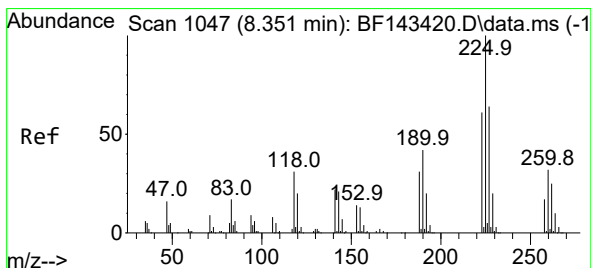
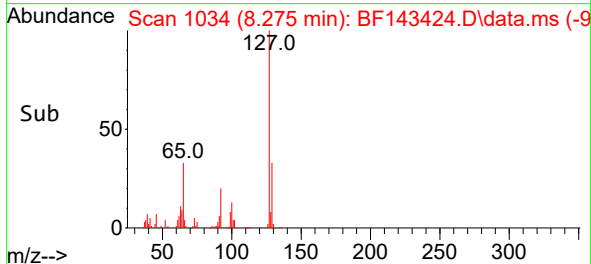
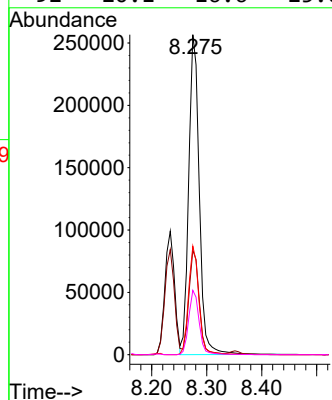
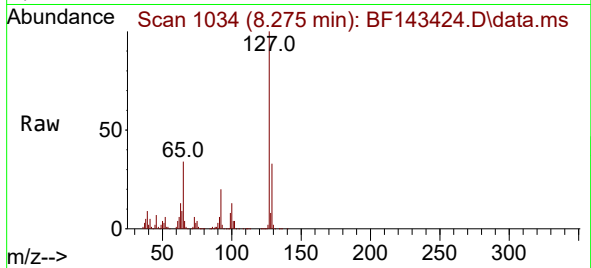




#33
4-Chloroaniline
Concen: 40.630 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

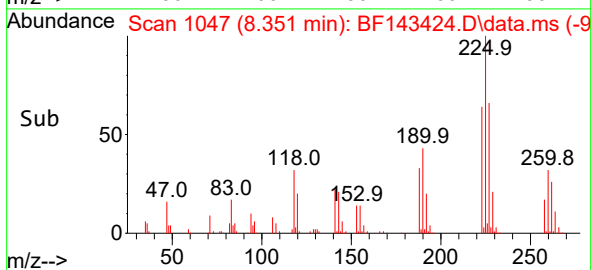
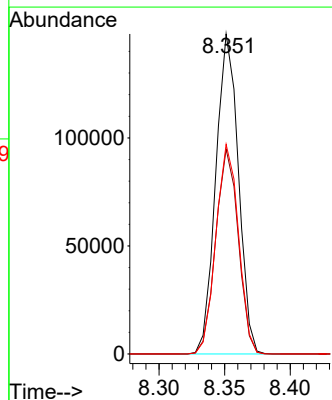
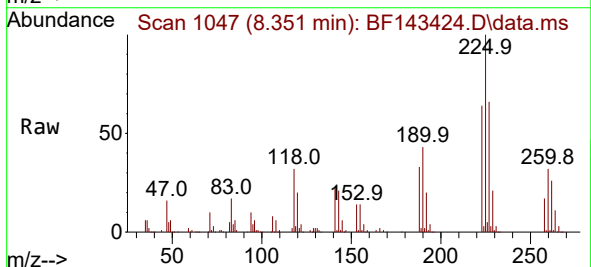
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

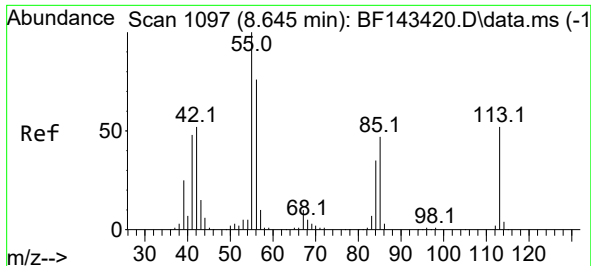
Tgt Ion:	127	Resp:	341869
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	33.9	27.2	40.8
92	20.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.224 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:	225	Resp:	177092
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	65.5	51.1	76.7

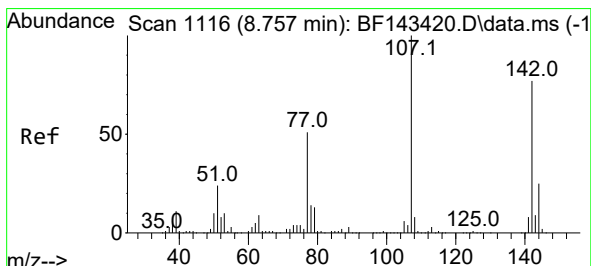
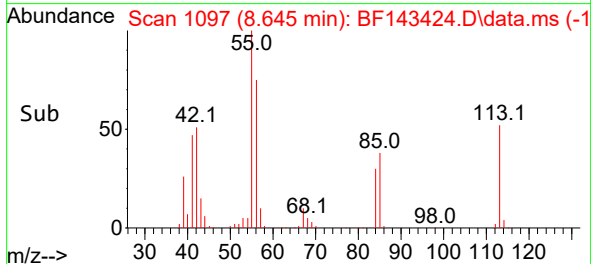
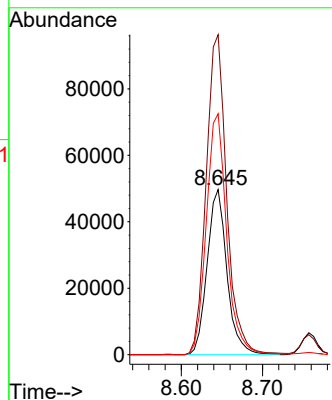
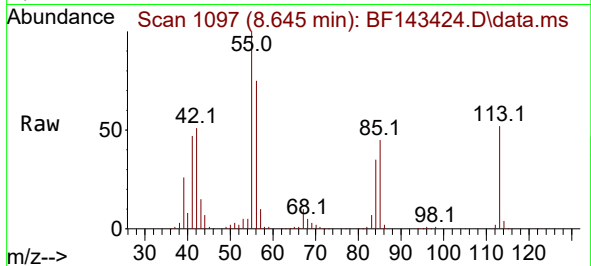




#35
 Caprolactam
 Concen: 42.330 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

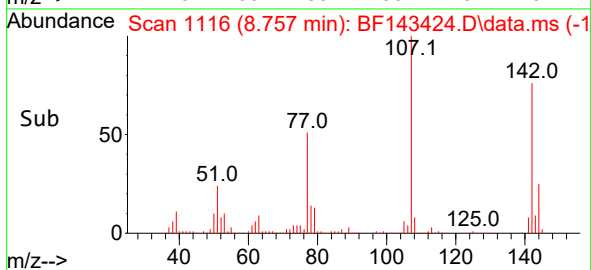
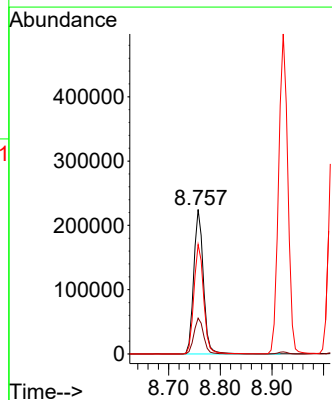
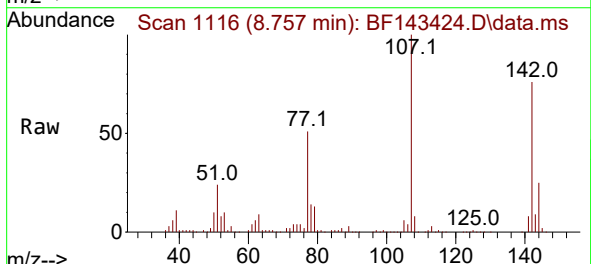
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

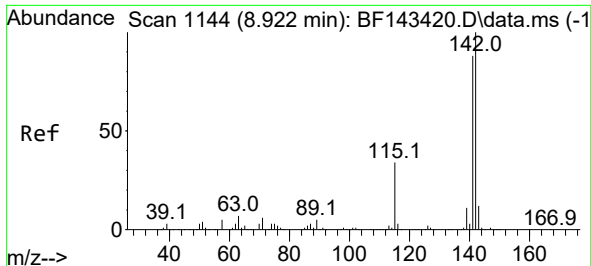
Tgt Ion:113 Resp: 84212
 Ion Ratio Lower Upper
 113 100
 55 193.9 174.7 214.7
 56 146.0 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.997 ng
 RT: 8.757 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

Tgt Ion:107 Resp: 291765
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 75.7 62.0 93.0

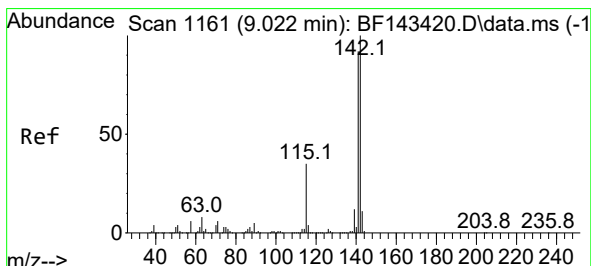
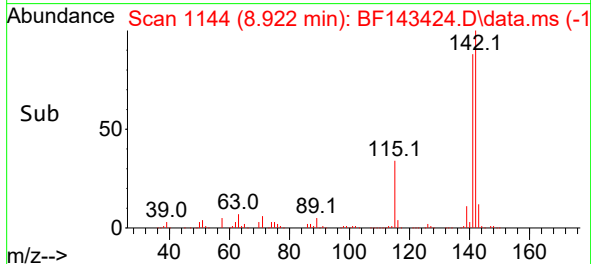
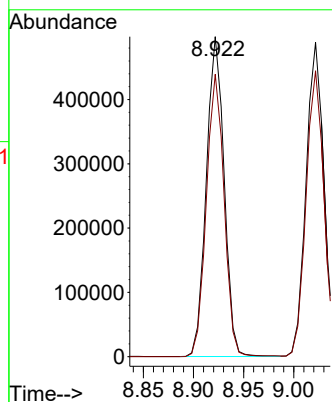
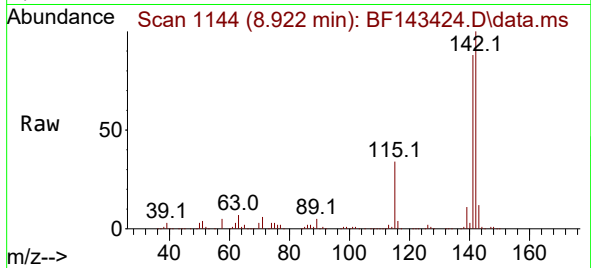




#37
2-Methylnaphthalene
Concen: 39.196 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

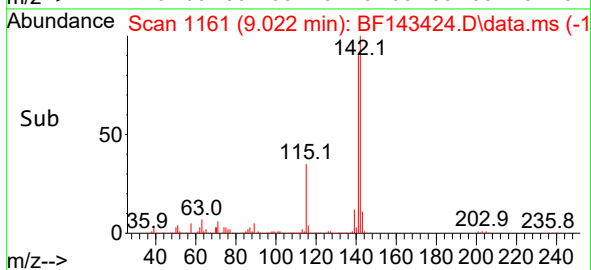
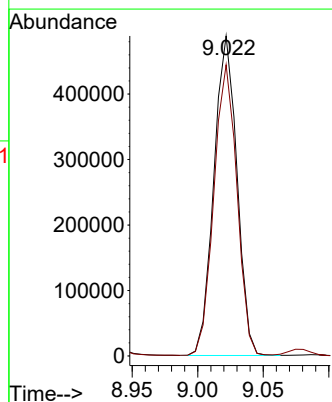
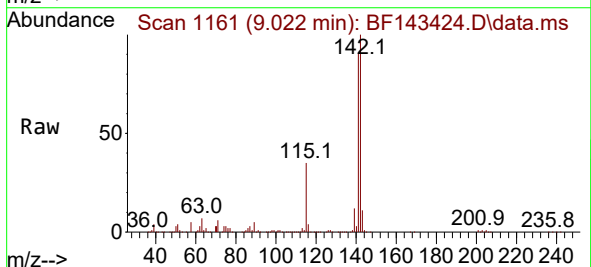
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

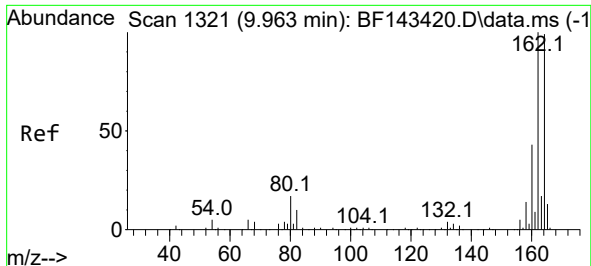
Tgt Ion:142 Resp: 615873
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#38
1-Methylnaphthalene
Concen: 39.623 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

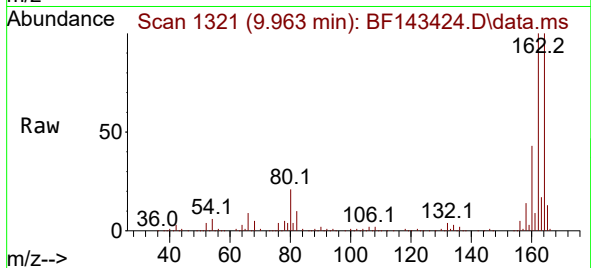
Tgt Ion:142 Resp: 596492
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6



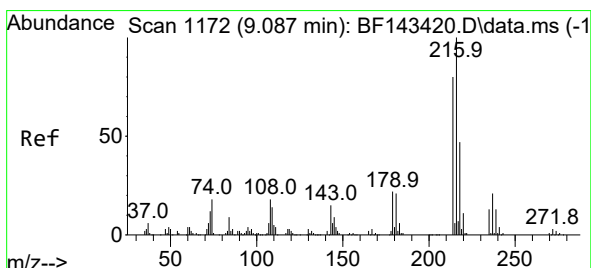
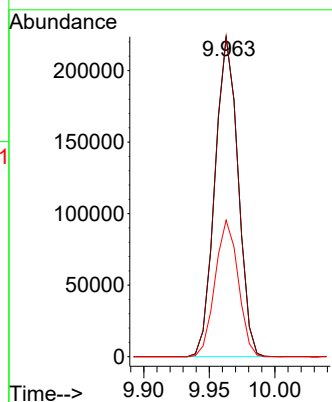
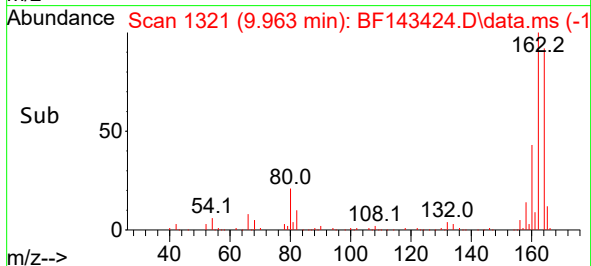


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

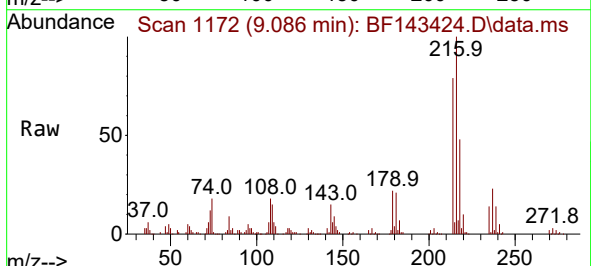
Instrument :
BNA_F
ClientSampleId :
ICVBF081525



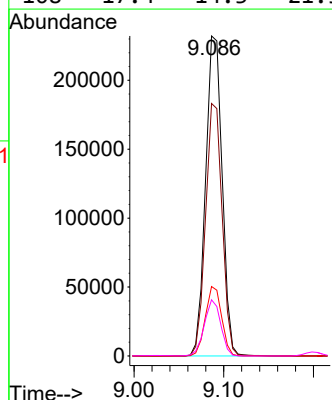
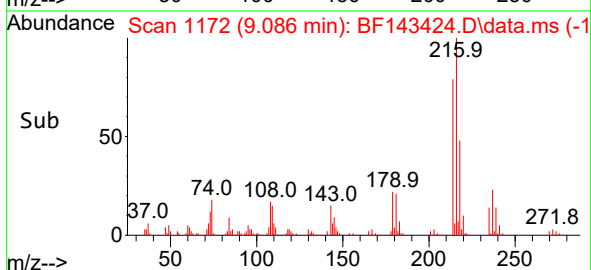
Tgt Ion:164 Resp: 272709
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 42.8 34.6 51.8

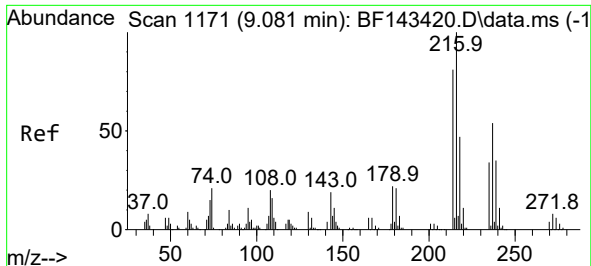


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.145 ng
RT: 9.086 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57



Tgt Ion:216 Resp: 297713
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.3 17.0 25.4
108 17.4 14.3 21.5

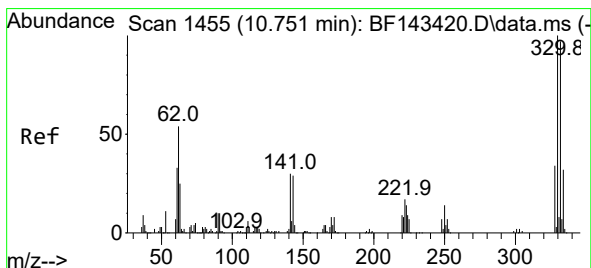
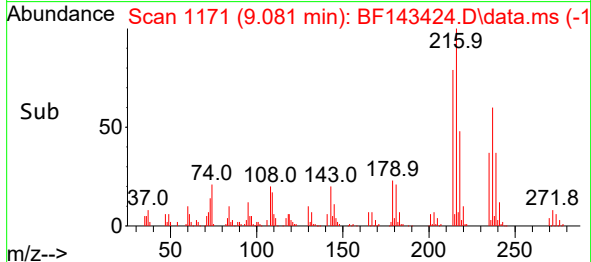
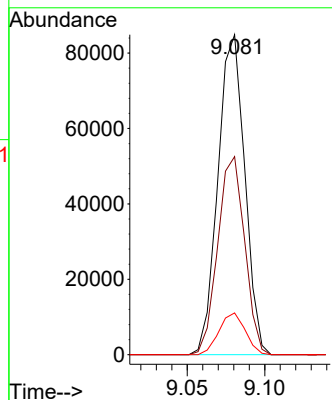
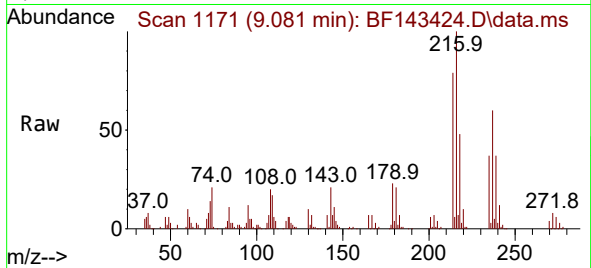




#41
Hexachlorocyclopentadiene
Concen: 40.416 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

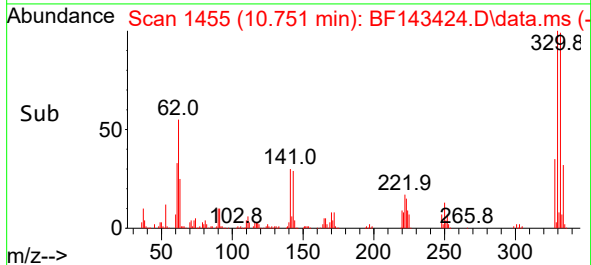
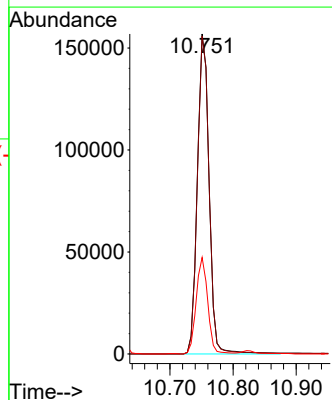
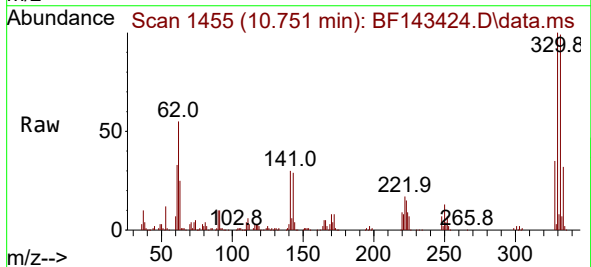
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

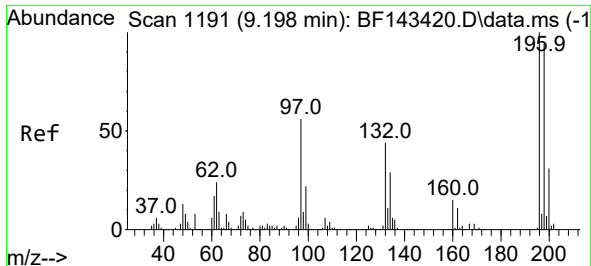
Tgt Ion:237 Resp: 102238
Ion Ratio Lower Upper
237 100
235 61.9 41.6 81.6
272 13.0 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 83.344 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:330 Resp: 202301
Ion Ratio Lower Upper
330 100
332 99.5 77.4 116.2
141 29.7 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 40.774 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

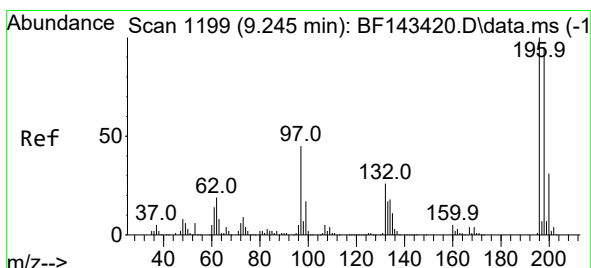
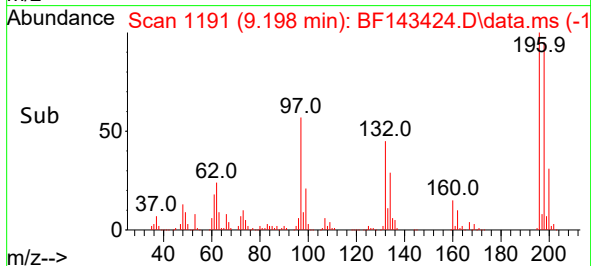
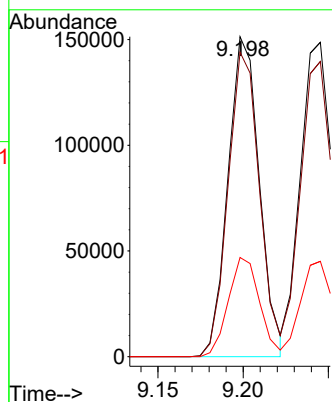
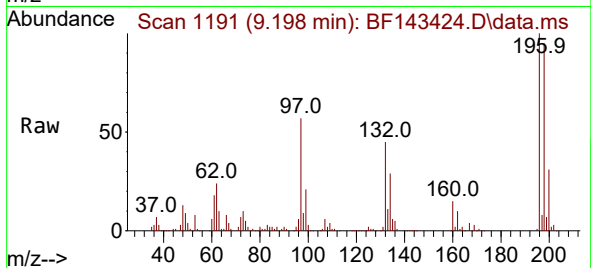
Tgt Ion:196 Resp: 193444

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.2

200 31.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 41.305 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Tgt Ion:196 Resp: 210061

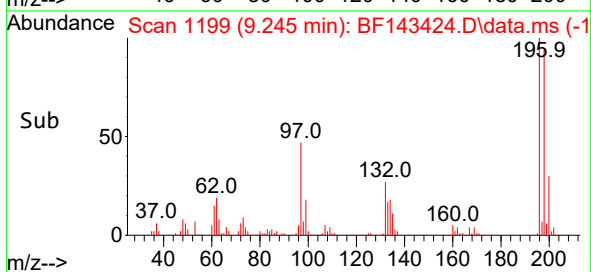
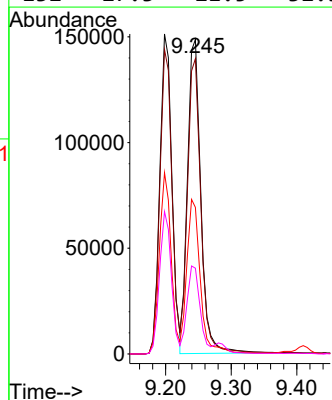
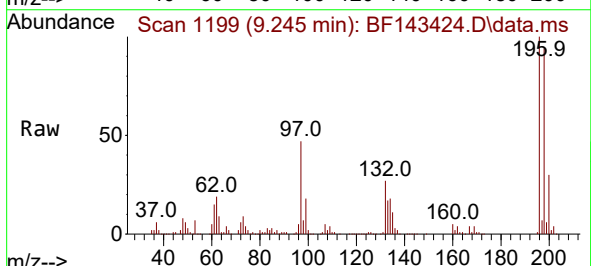
Ion Ratio Lower Upper

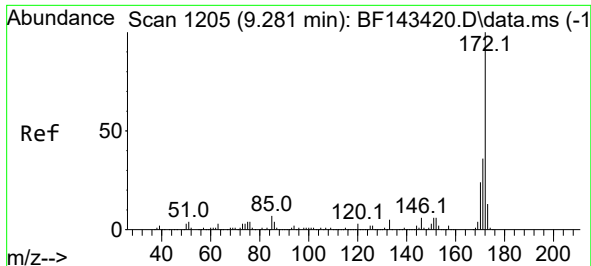
196 100

198 93.9 76.2 114.4

97 46.6 36.6 55.0

132 27.3 21.5 32.3

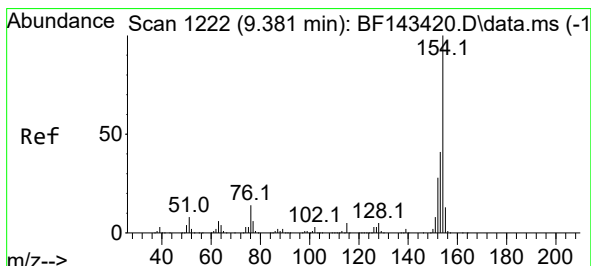
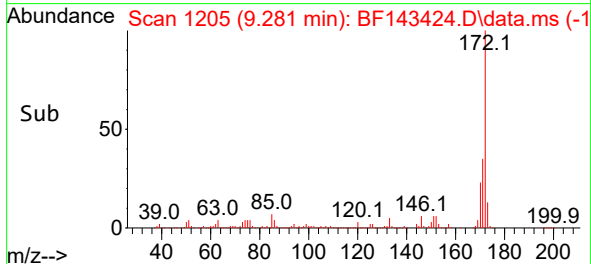
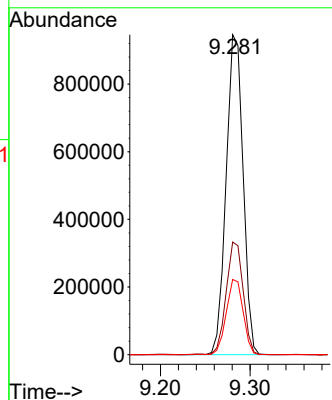
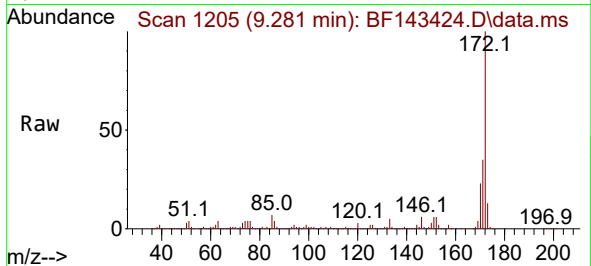




#45
2-Fluorobiphenyl
Concen: 76.538 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

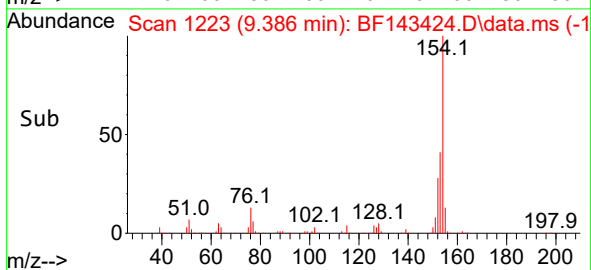
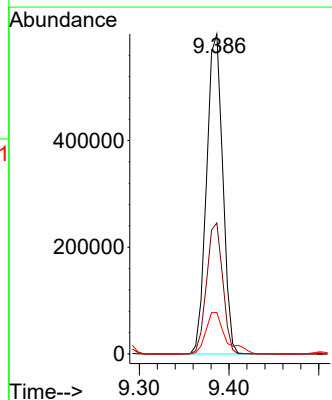
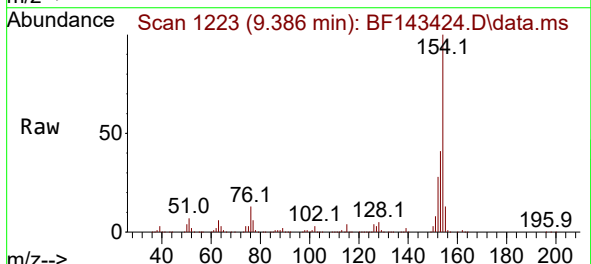
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

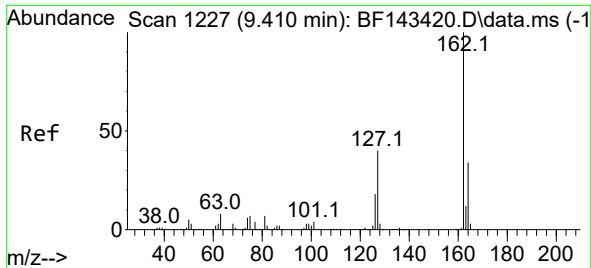
Tgt Ion:172 Resp: 1240954
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 39.081 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:154 Resp: 748830
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 13.0 0.0 33.8



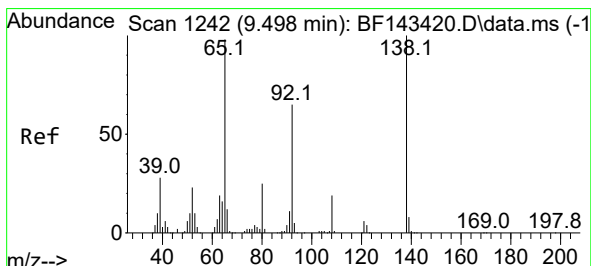
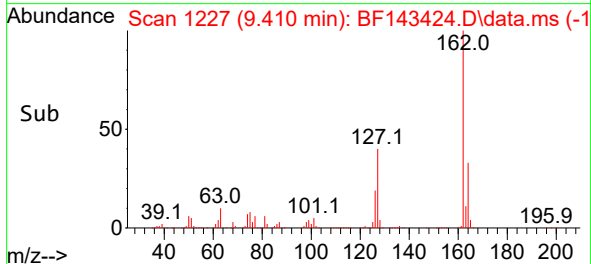
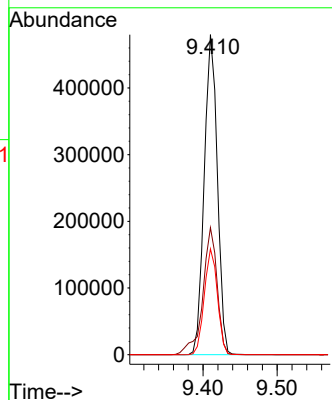
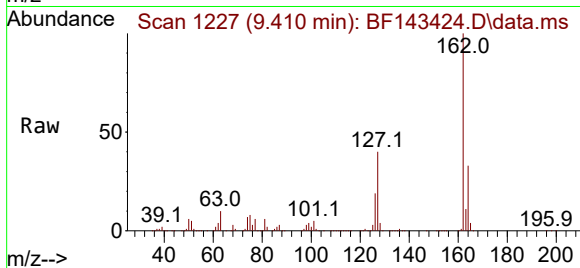


#47
 2-Chloronaphthalene
 Concen: 39.058 ng
 RT: 9.410 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Tgt Ion: 162 Resp: 590752

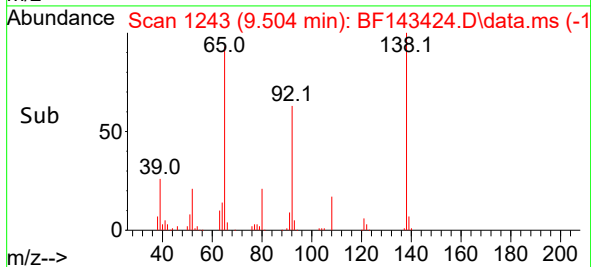
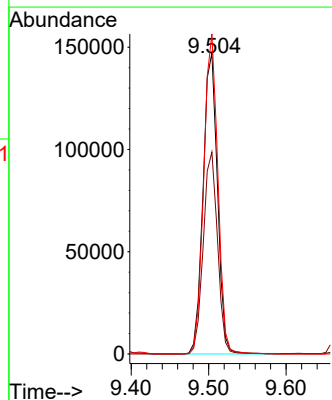
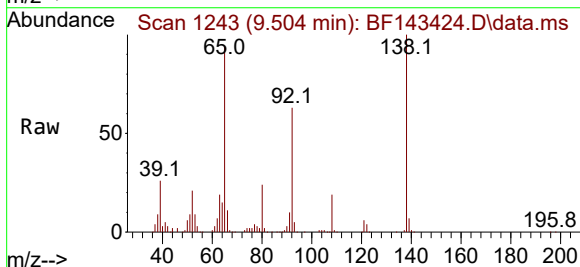
Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.3	48.5
164	33.0	26.9	40.3

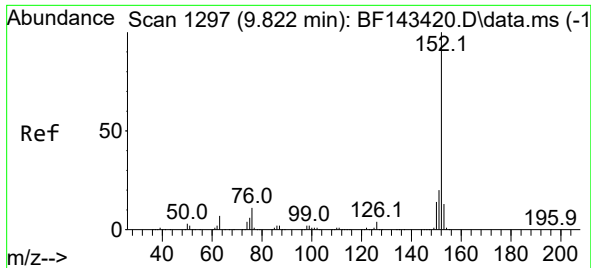


#48
 2-Nitroaniline
 Concen: 42.141 ng
 RT: 9.504 min Scan# 1243
 Delta R.T. 0.006 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

Tgt Ion: 65 Resp: 189676

Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.9	79.3
138	106.4	81.3	121.9

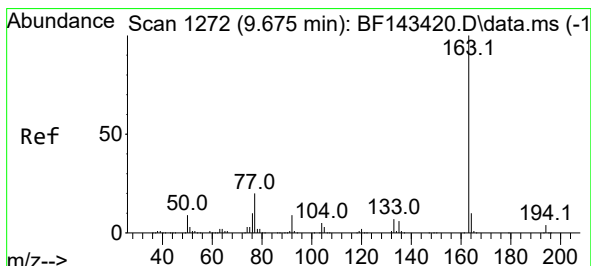
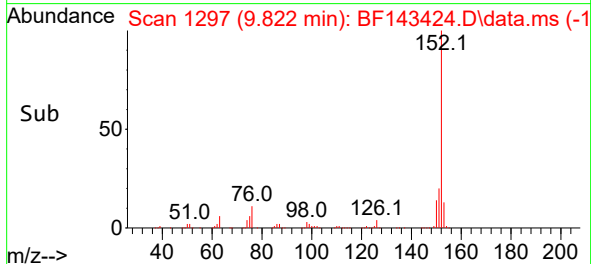
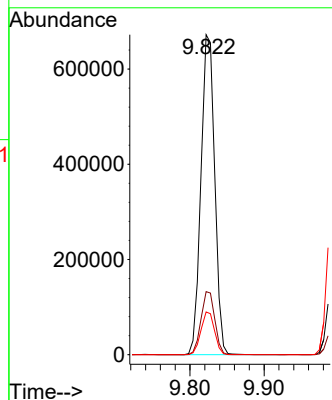
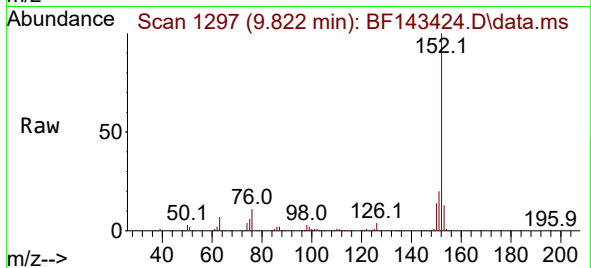




#49
Acenaphthylene
Concen: 39.677 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

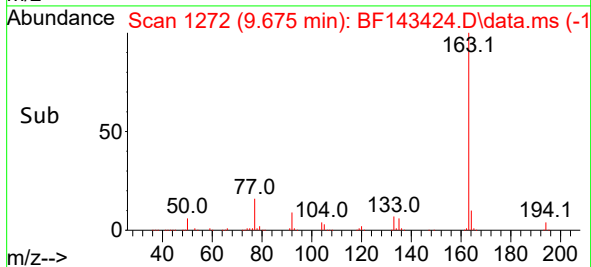
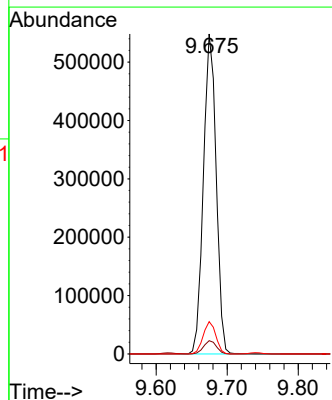
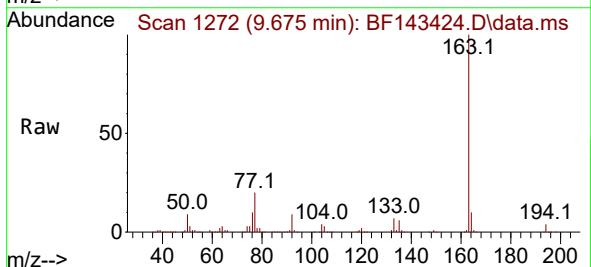
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

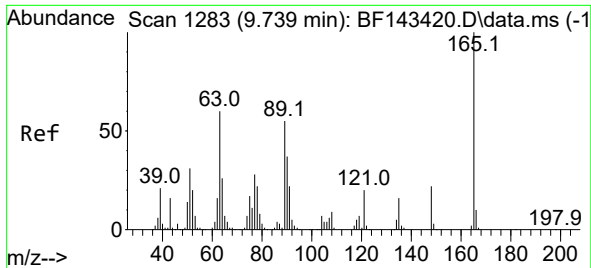
Tgt Ion:152 Resp: 866445
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 40.394 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:163 Resp: 686793
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.4

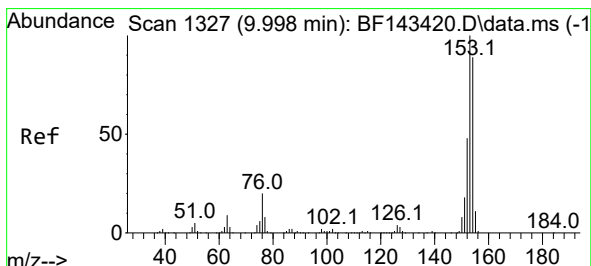
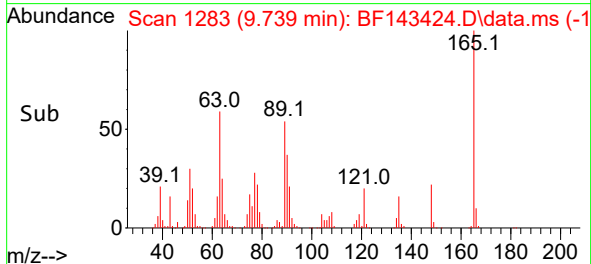
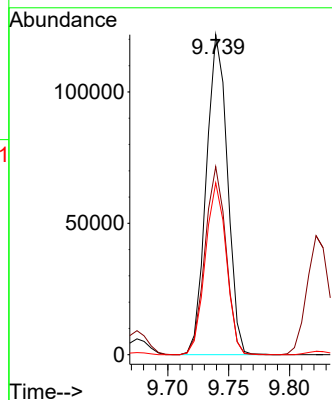
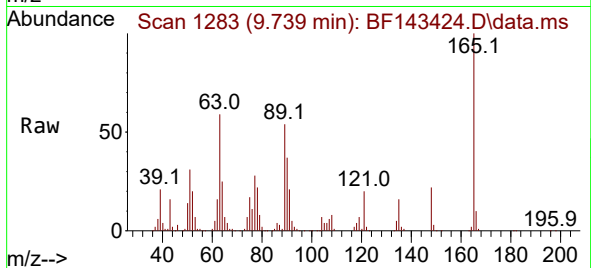




#51
2,6-Dinitrotoluene
Concen: 43.842 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

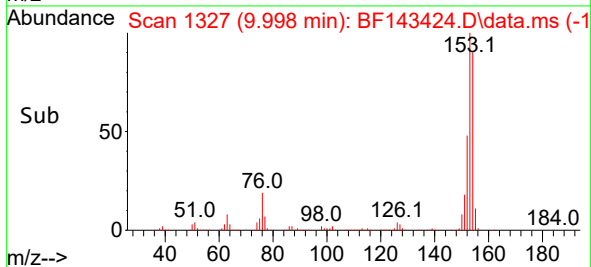
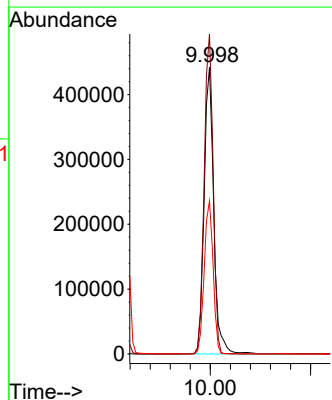
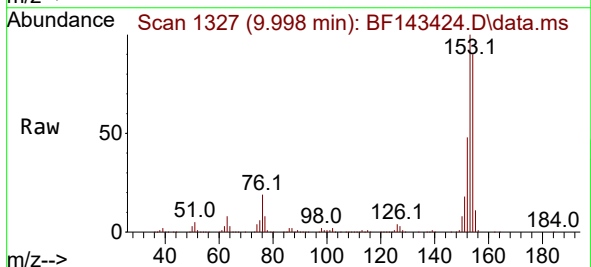
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

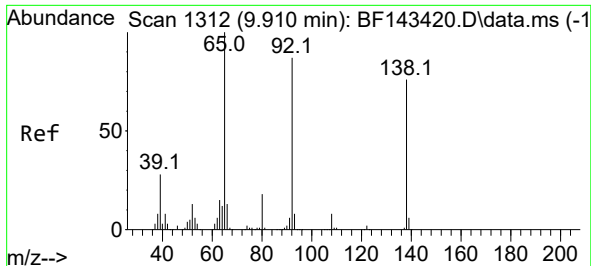
Tgt Ion:165 Resp: 146942
Ion Ratio Lower Upper
165 100
63 58.7 48.2 72.2
89 53.7 44.2 66.2



#52
Acenaphthene
Concen: 40.115 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:154 Resp: 589195
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.4 42.6 64.0

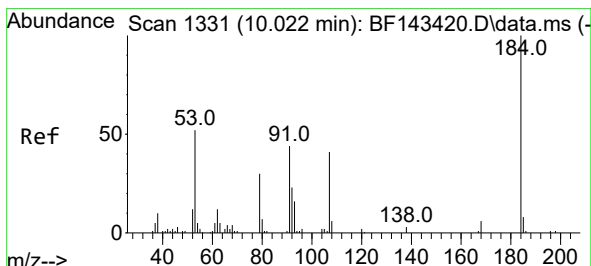
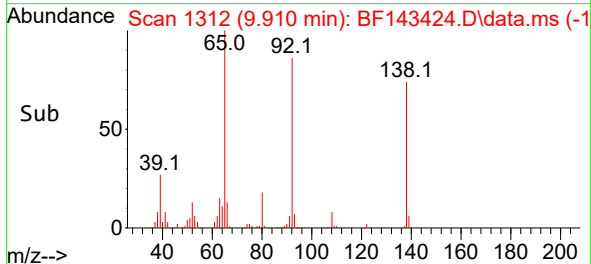
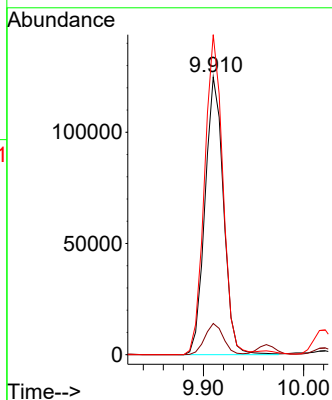
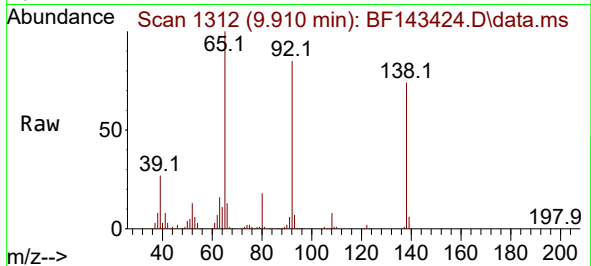




#53
3-Nitroaniline
Concen: 43.062 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

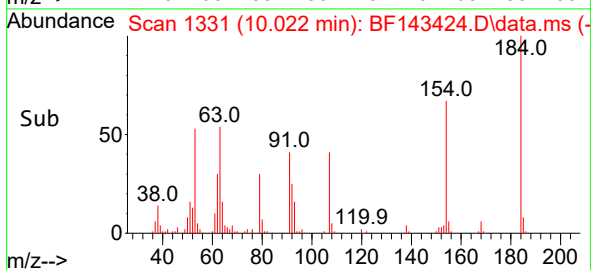
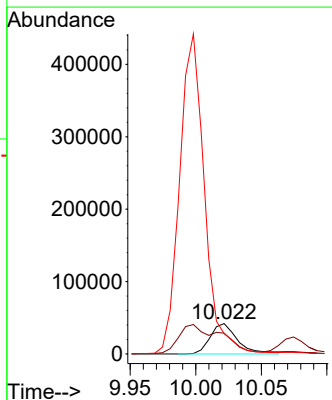
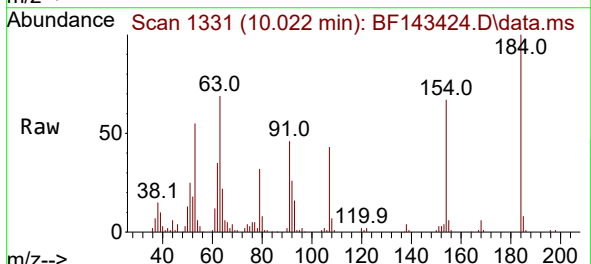
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

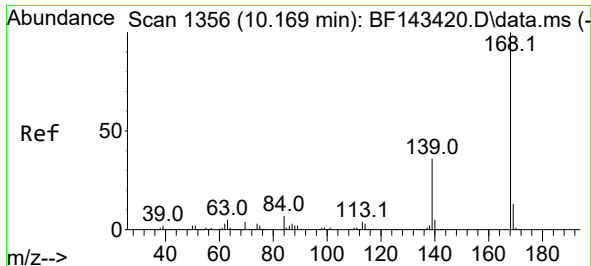
Tgt Ion:138 Resp: 160770
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.3 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 41.967 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:184 Resp: 60785
Ion Ratio Lower Upper
184 100
63 68.6 53.2 79.8
154 67.0 51.3 76.9

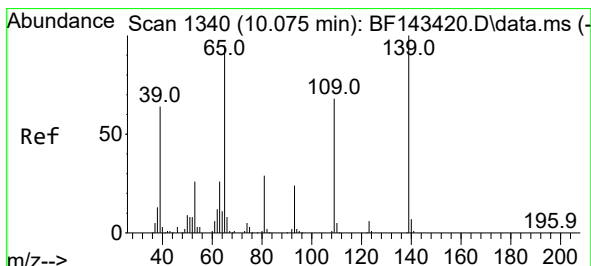
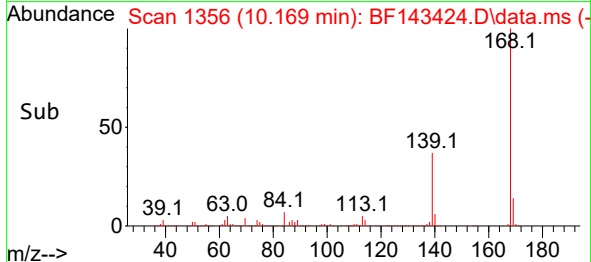
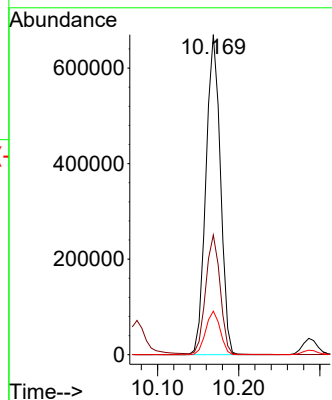
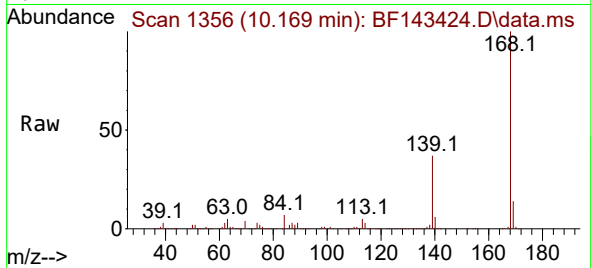




#55
Dibenzofuran
Concen: 39.033 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

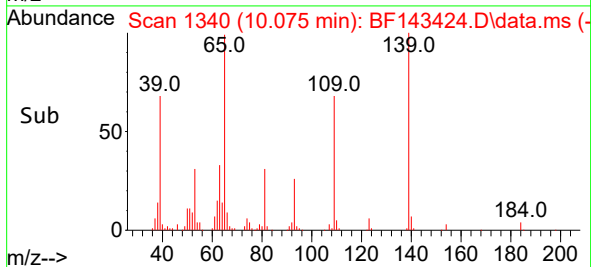
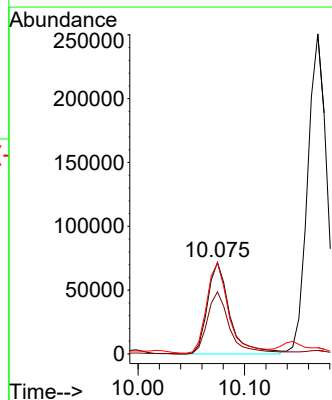
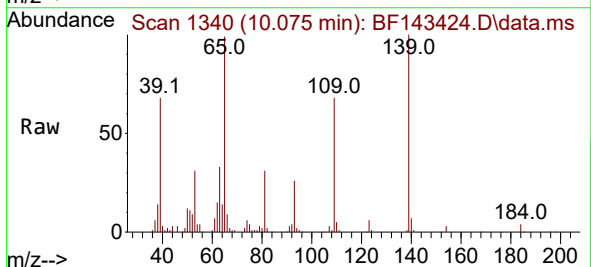
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

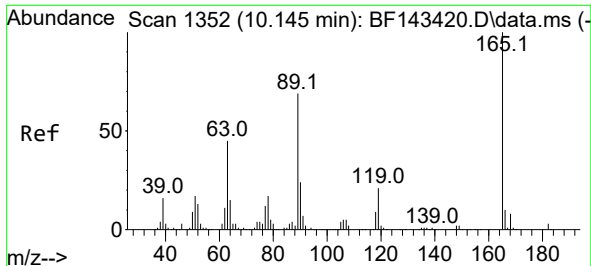
Tgt Ion:168 Resp: 827034
Ion Ratio Lower Upper
168 100
139 37.4 29.3 43.9
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 44.464 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:139 Resp: 104368
Ion Ratio Lower Upper
139 100
109 67.7 47.7 87.7
65 99.2 76.4 116.4

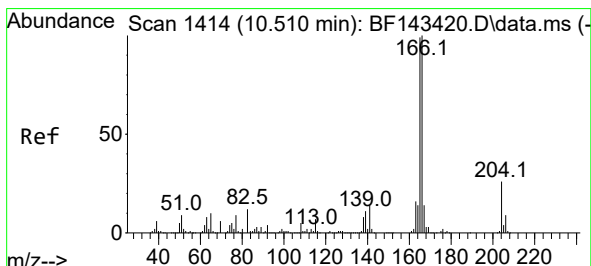
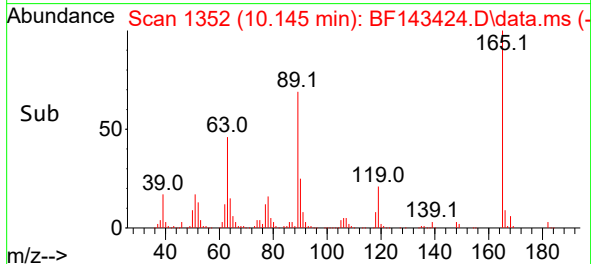
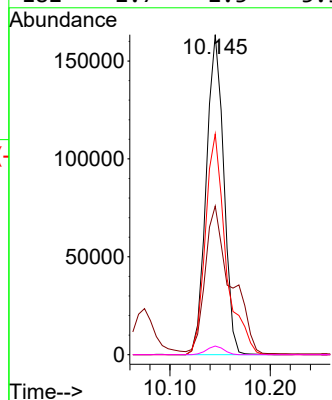
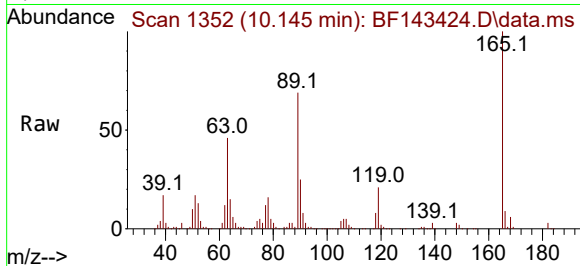




#57
2,4-Dinitrotoluene
Concen: 44.386 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

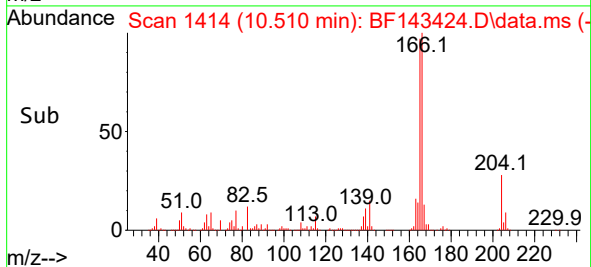
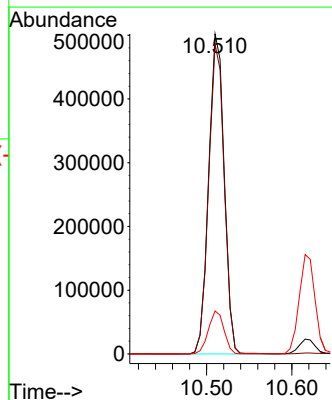
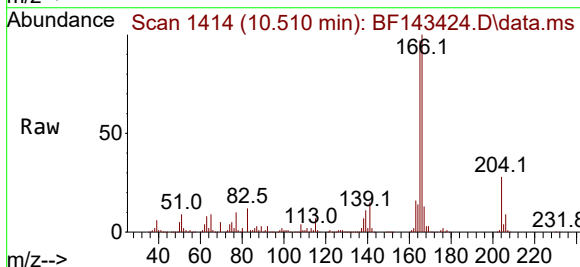
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

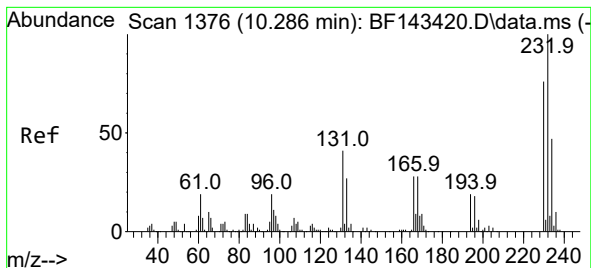
Tgt Ion:165 Resp: 198343
Ion Ratio Lower Upper
165 100
63 46.4 37.0 55.6
89 68.9 55.4 83.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 39.070 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

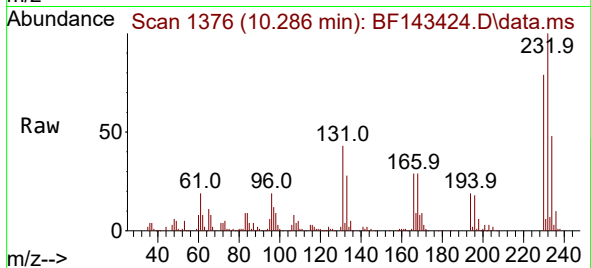
Tgt Ion:166 Resp: 635952
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.6
167 13.5 10.9 16.3



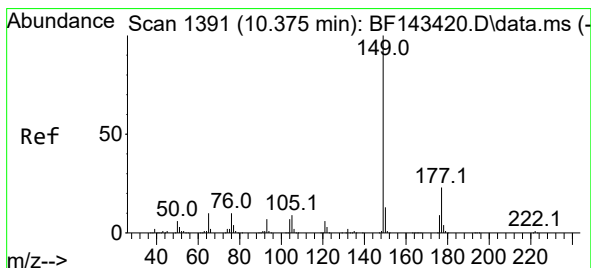
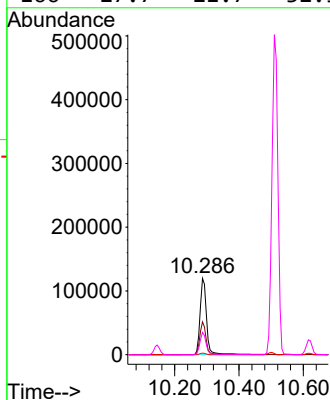
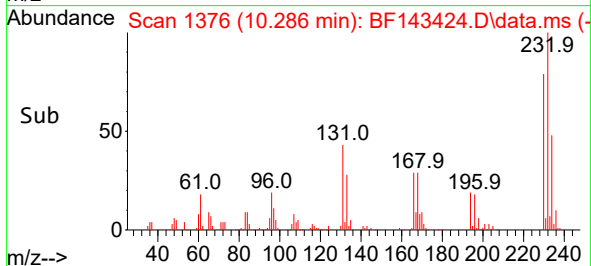


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.424 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

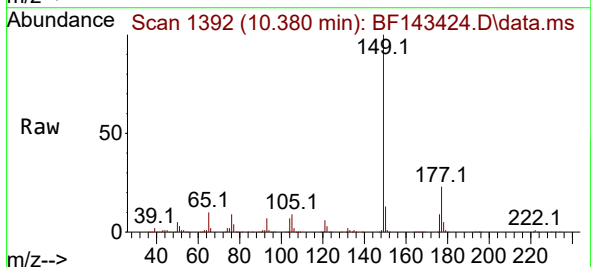
Instrument :
BNA_F
ClientSampleId :
ICVBF081525



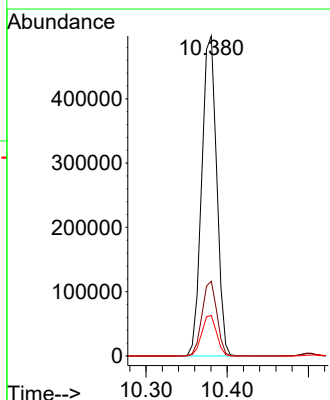
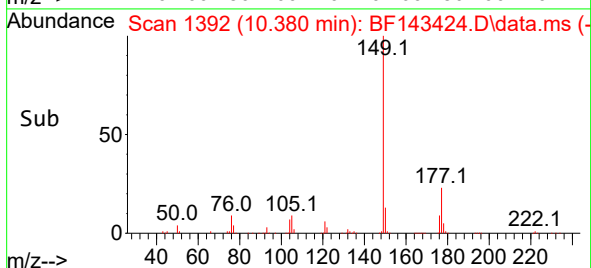
Tgt Ion:232 Resp: 167166
Ion Ratio Lower Upper
232 100
131 40.7 32.0 48.0
130 1.9 1.7 2.5
166 27.7 21.7 32.5

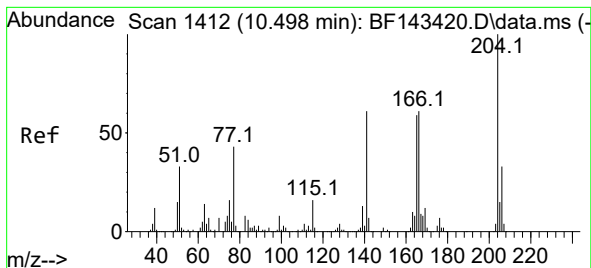


#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57



Tgt Ion:149 Resp: 636541
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.6 10.1 15.1

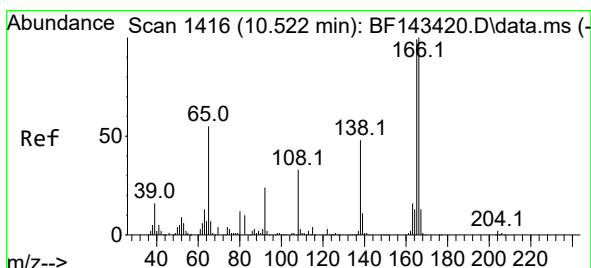
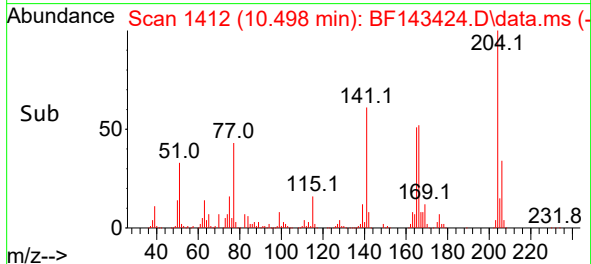
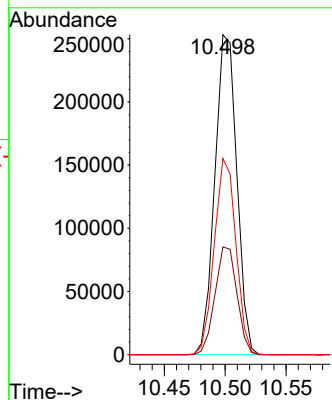
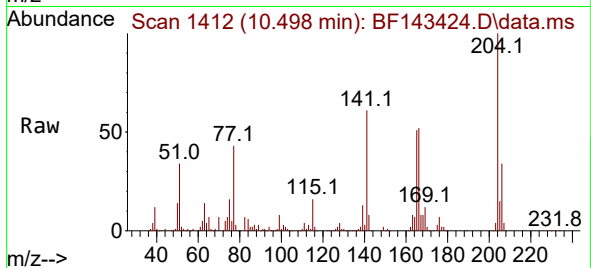




#61
4-Chlorophenyl-phenylether
Concen: 39.533 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

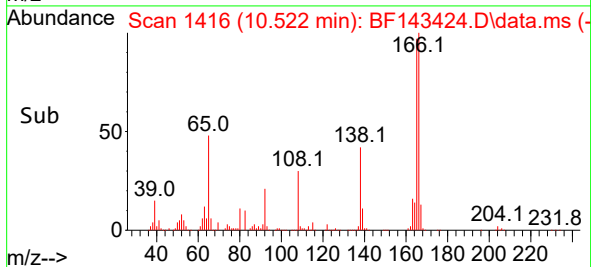
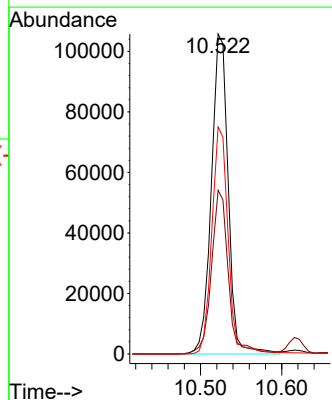
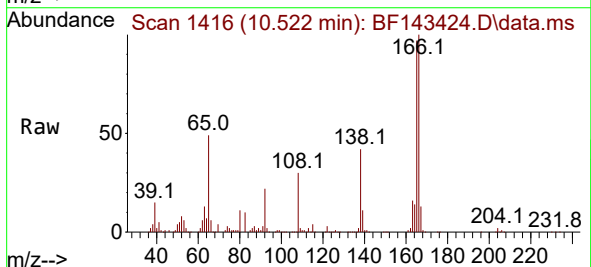
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

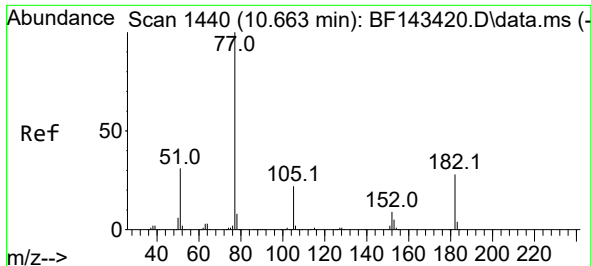
Tgt Ion:204 Resp: 318141
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 61.3 49.0 73.4



#62
4-Nitroaniline
Concen: 43.604 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:138 Resp: 152248
Ion Ratio Lower Upper
138 100
92 51.2 29.4 69.4
108 71.0 48.6 88.6

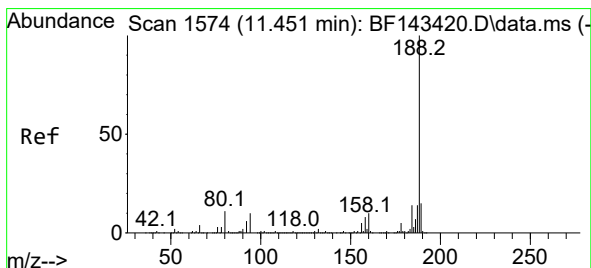
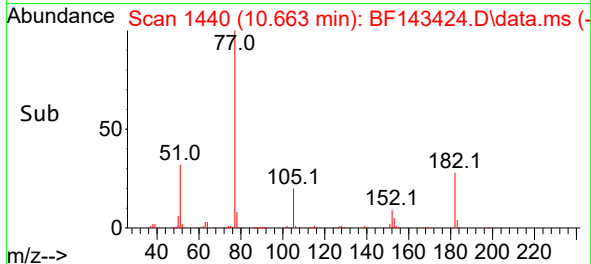
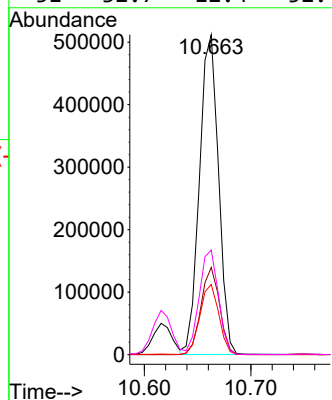
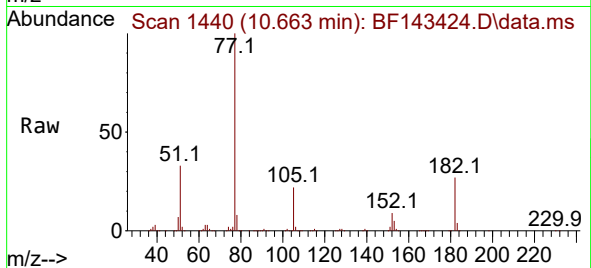




#63
Azobenzene
Concen: 40.143 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

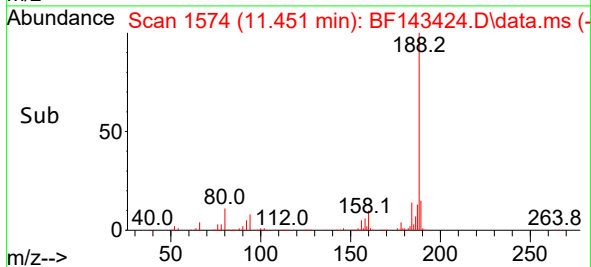
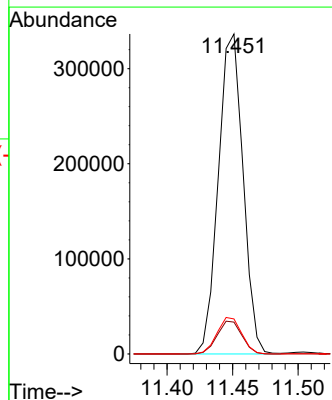
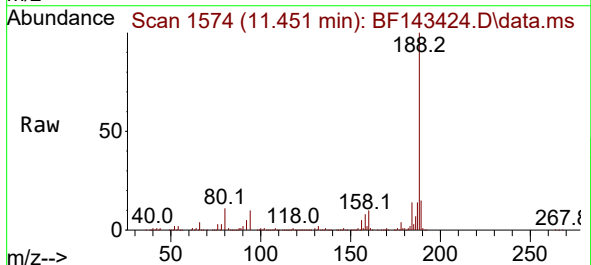
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

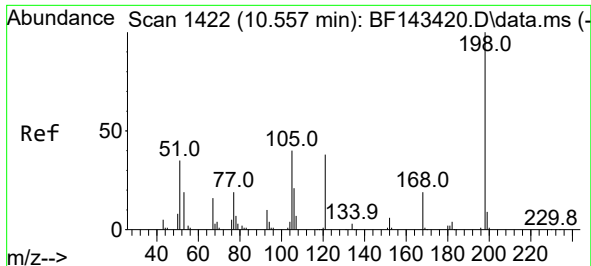
Tgt Ion: 77	Resp: 637467
Ion Ratio	Lower Upper
77 100	
182 27.2	7.4 47.4
105 21.9	1.7 41.7
51 32.7	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:188	Resp: 440330
Ion Ratio	Lower Upper
188 100	
94 10.0	8.0 12.0
80 10.9	8.6 12.8

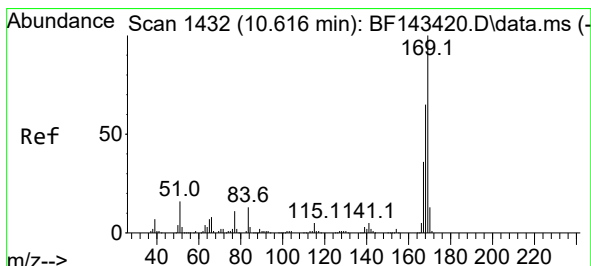
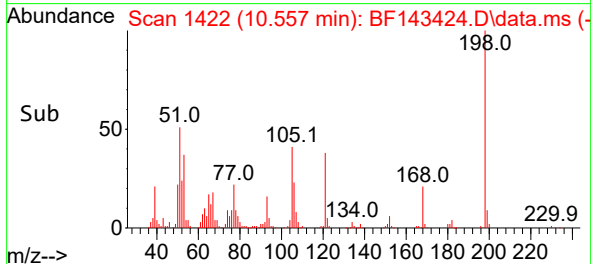
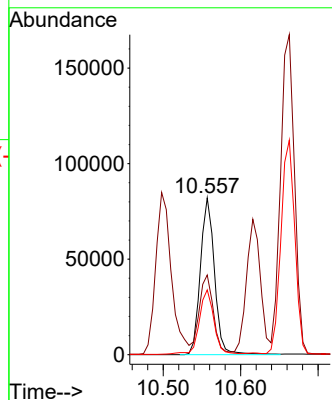
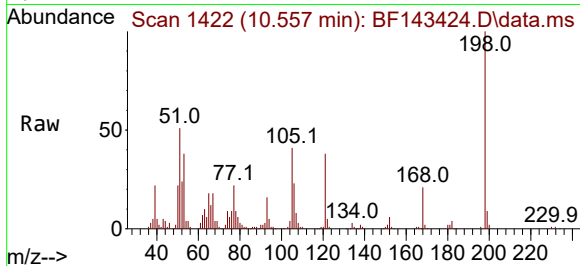




#65
4,6-Dinitro-2-methylphenol
Concen: 45.779 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

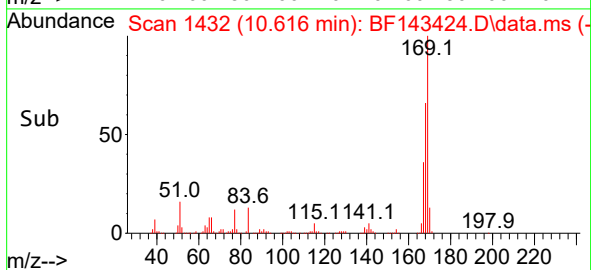
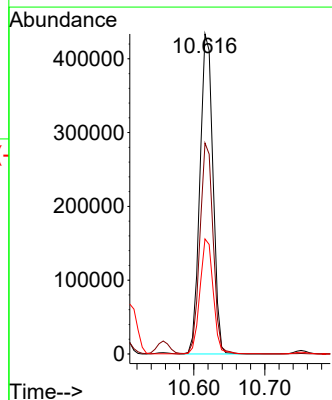
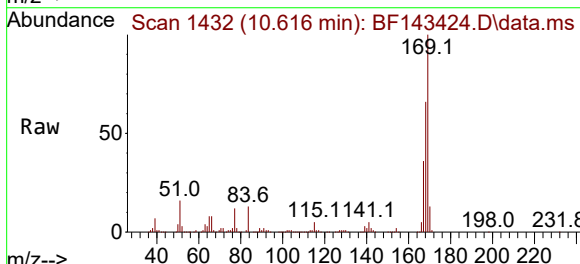
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

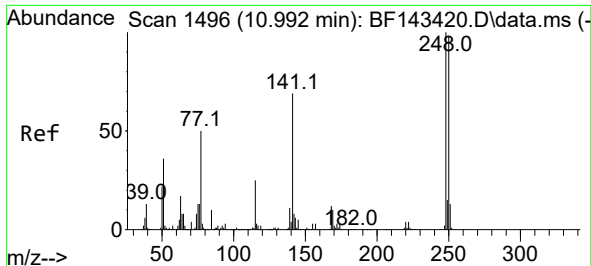
Tgt Ion:198 Resp: 104008
Ion Ratio Lower Upper
198 100
51 50.8 31.2 71.2
105 41.3 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 38.734 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:169 Resp: 554575
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 36.0 28.6 42.8

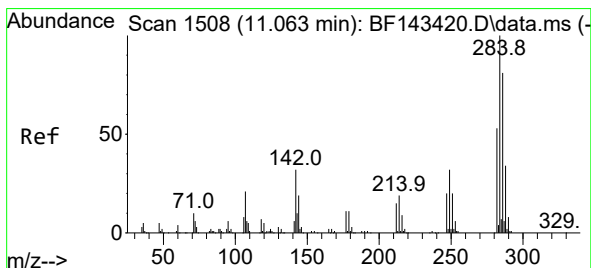
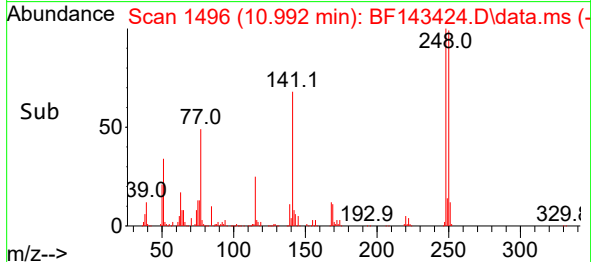
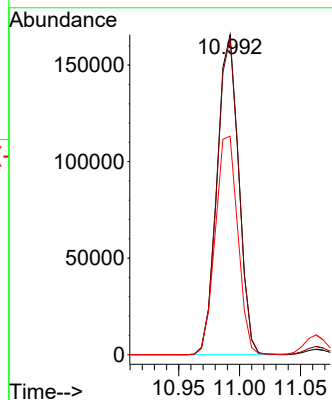
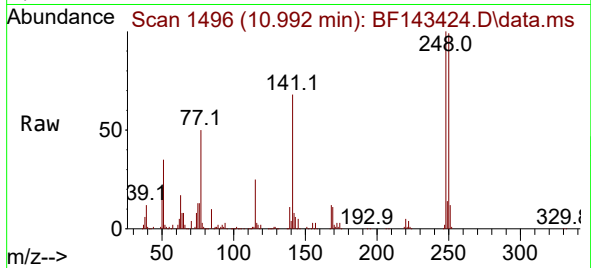




#67
4-Bromophenyl-phenylether
Concen: 39.547 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

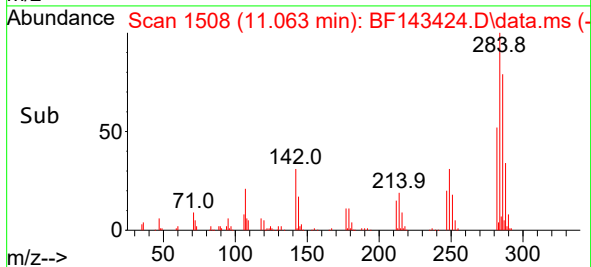
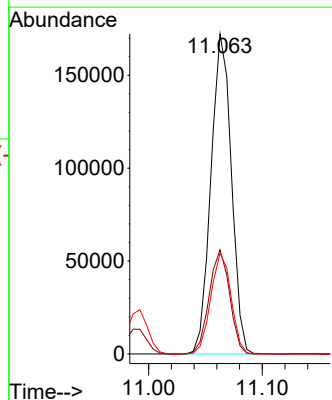
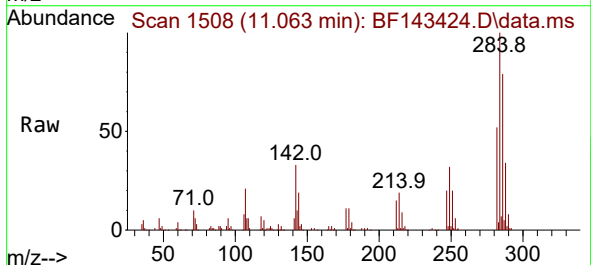
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

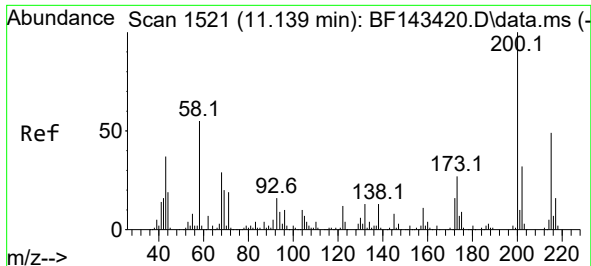
Tgt Ion:248 Resp: 205635
Ion Ratio Lower Upper
248 100
250 99.0 78.6 118.0
141 68.3 54.9 82.3



#68
Hexachlorobenzene
Concen: 38.923 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:284 Resp: 215158
Ion Ratio Lower Upper
284 100
142 32.5 25.4 38.2
249 31.5 25.4 38.0

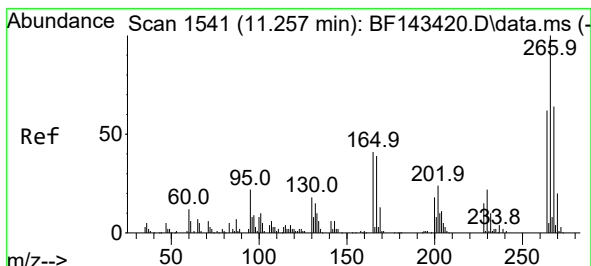
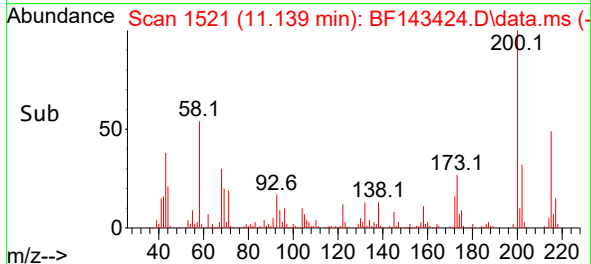
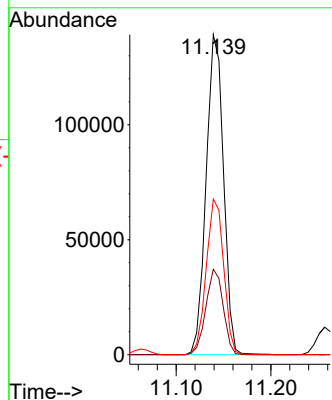
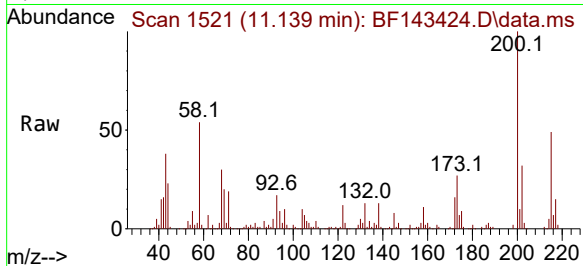




#69
 Atrazine
 Concen: 42.361 ng
 RT: 11.139 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

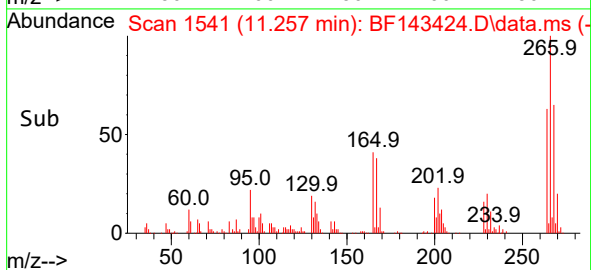
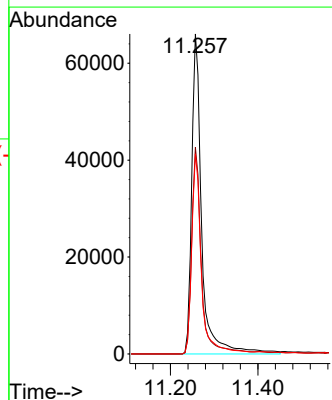
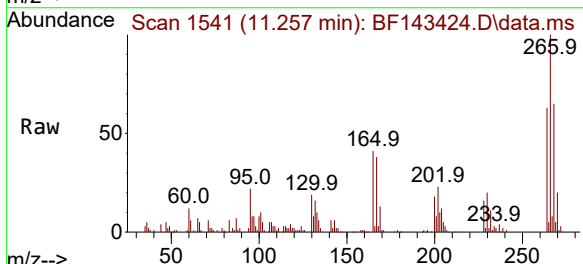
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

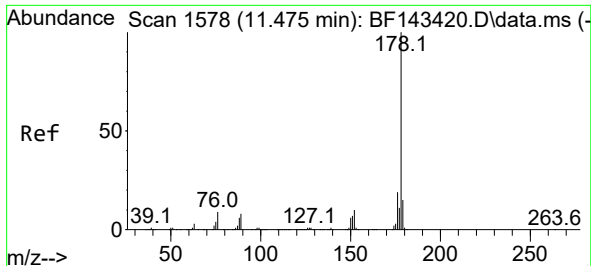
Tgt Ion:200 Resp: 177396
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.6 46.6
 215 48.6 29.5 69.5



#70
 Pentachlorophenol
 Concen: 43.486 ng
 RT: 11.257 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

Tgt Ion:266 Resp: 105712
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.0 76.6
 264 62.6 49.3 73.9

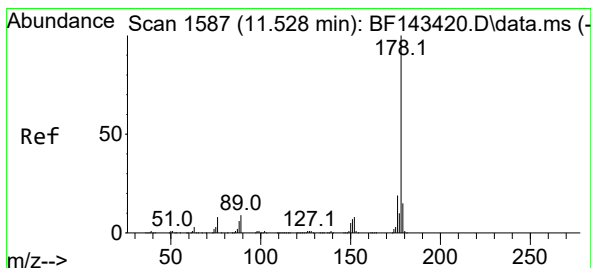
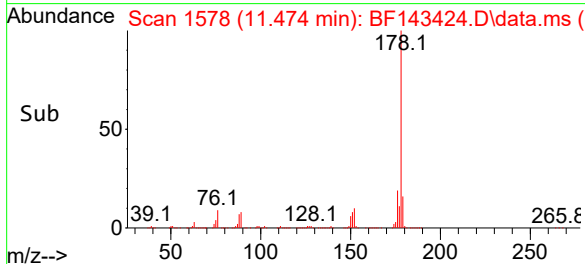
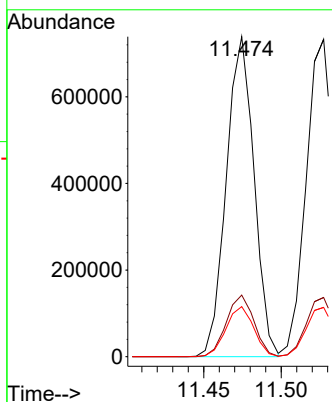
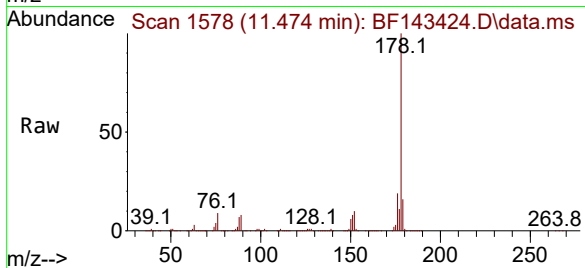




#71
Phenanthrene
Concen: 38.568 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

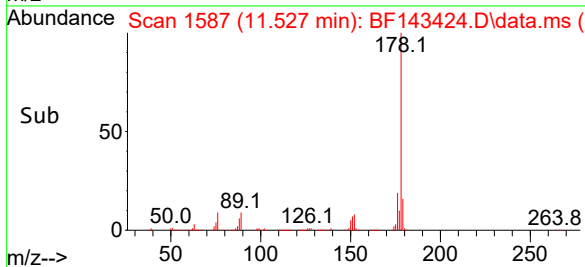
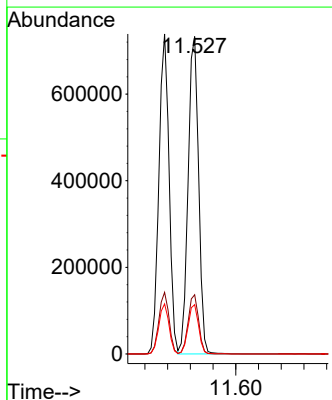
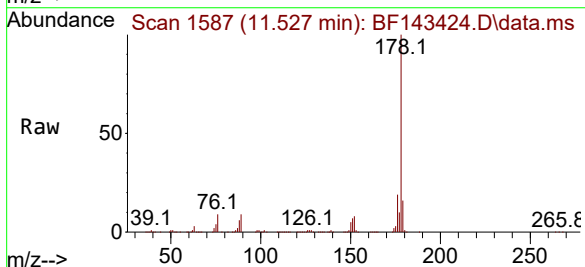
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

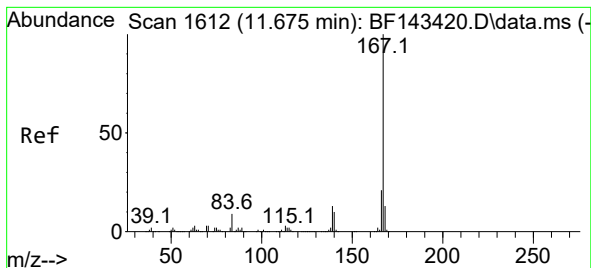
Tgt Ion:178 Resp: 919627
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.3 18.5



#72
Anthracene
Concen: 38.935 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:178 Resp: 937696
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.2 18.4





#73

Carbazole

Concen: 39.480 ng

RT: 11.674 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

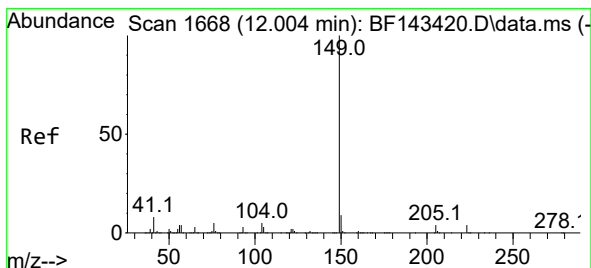
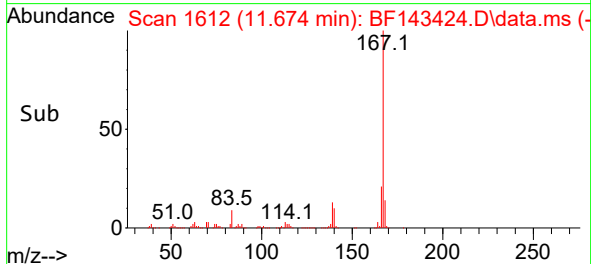
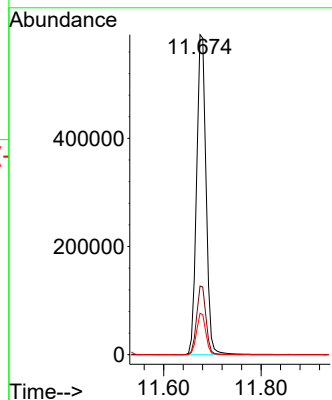
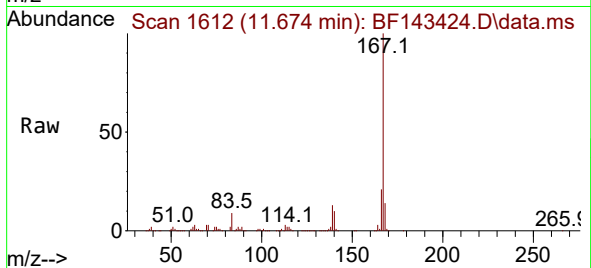
Tgt Ion:167 Resp: 804170

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 42.379 ng

RT: 12.004 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

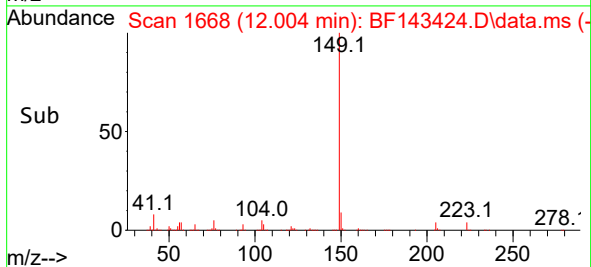
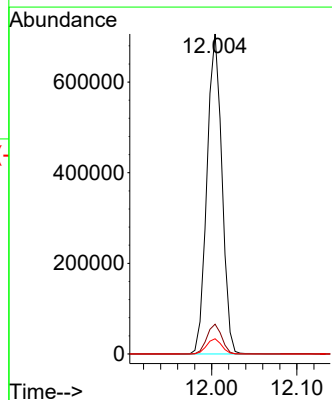
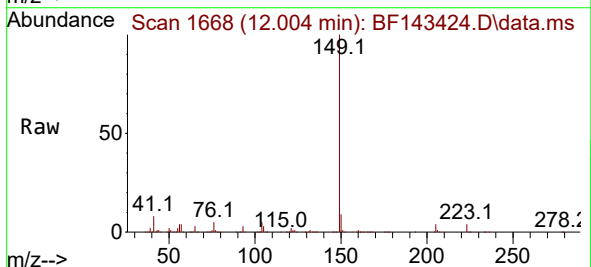
Tgt Ion:149 Resp: 859613

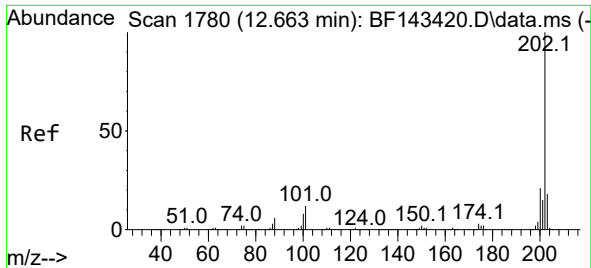
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.8 3.8 5.6

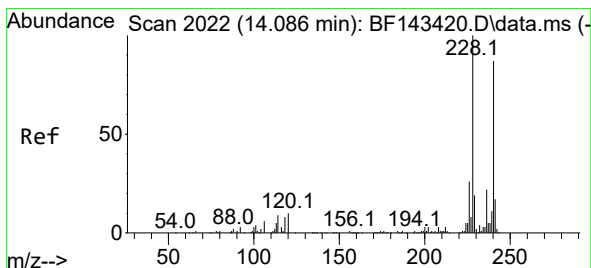
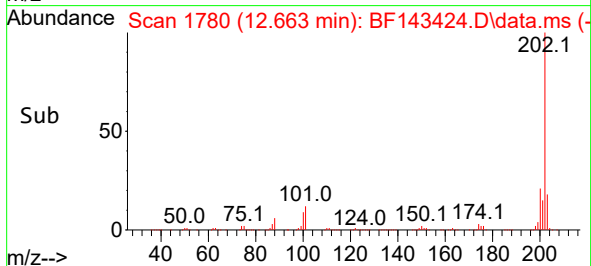
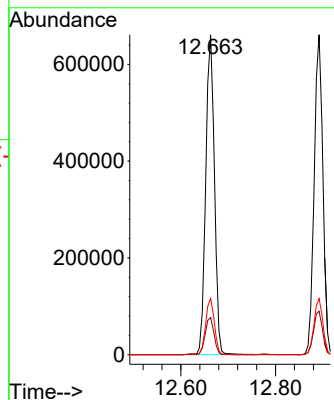
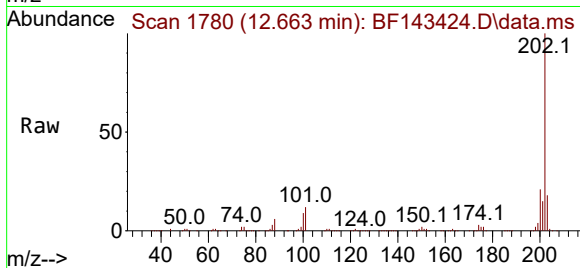




#75
Fluoranthene
Concen: 39.770 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

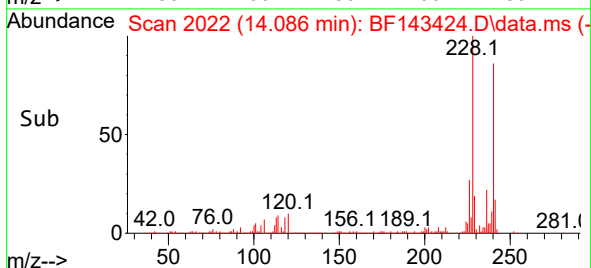
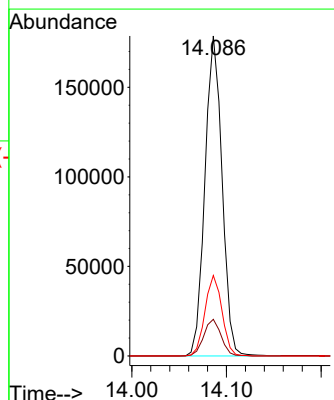
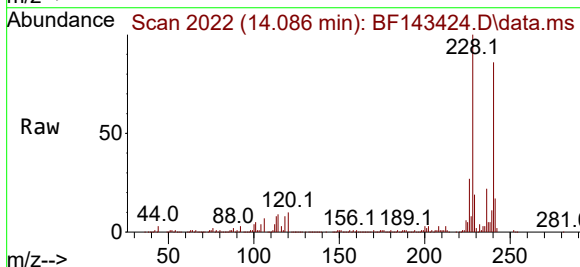
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

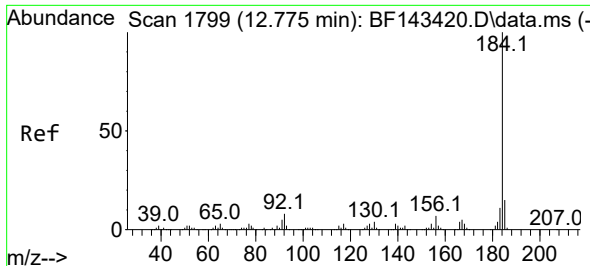
Tgt Ion:202 Resp: 842615
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.5
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:240 Resp: 224321
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.1 20.2 30.2

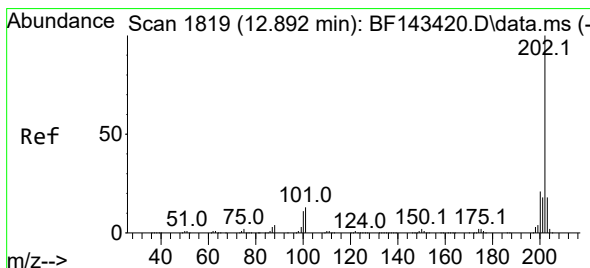
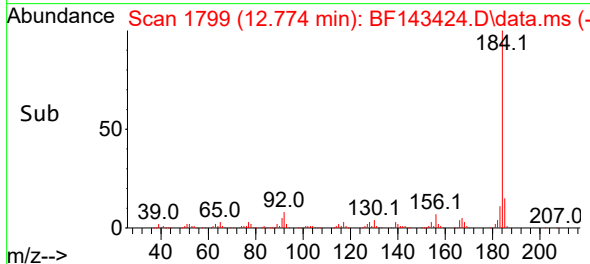
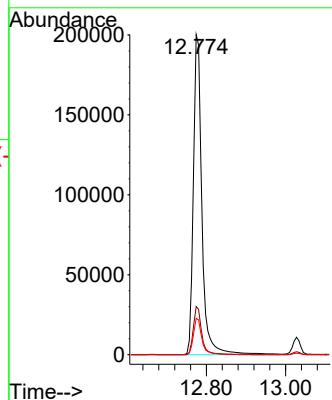
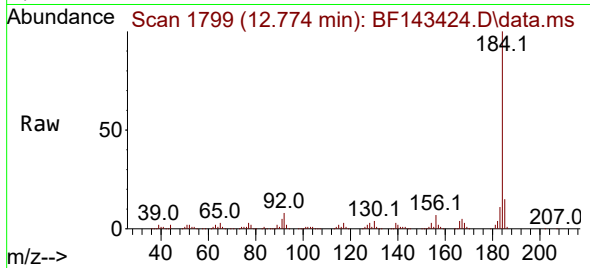




#77
Benzidine
Concen: 47.400 ng
RT: 12.774 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

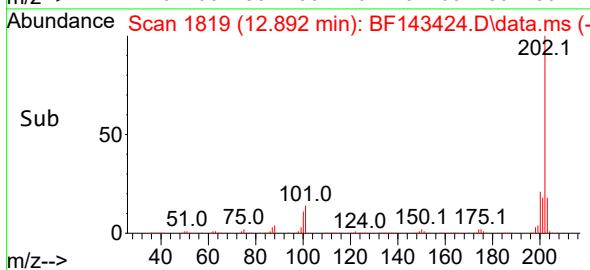
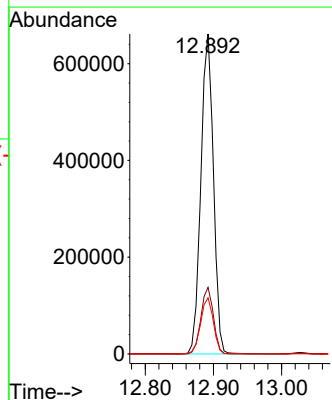
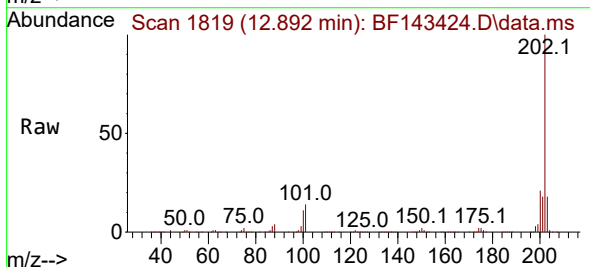
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

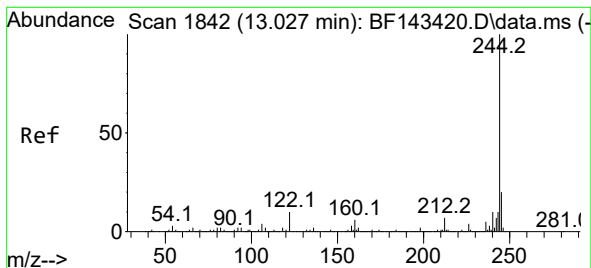
Tgt Ion:184 Resp: 301000
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 11.4 9.2 13.8



#78
Pyrene
Concen: 43.363 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:202 Resp: 845466
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 85.853 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

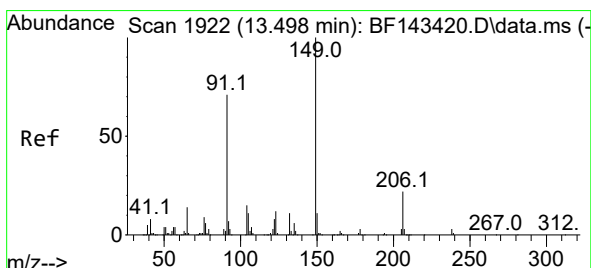
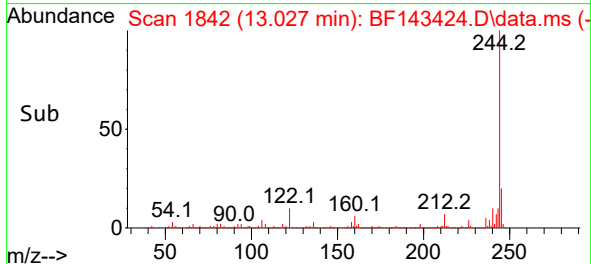
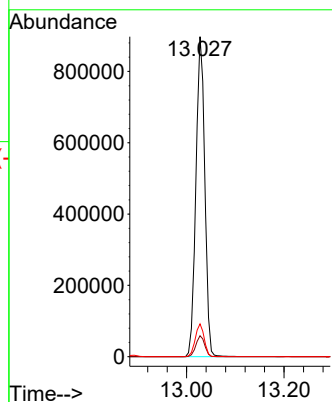
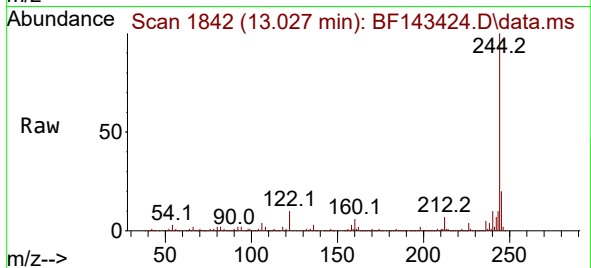
Tgt Ion:244 Resp: 1146442

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.3 8.3 12.5



#80

Butylbenzylphthalate

Concen: 44.739 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

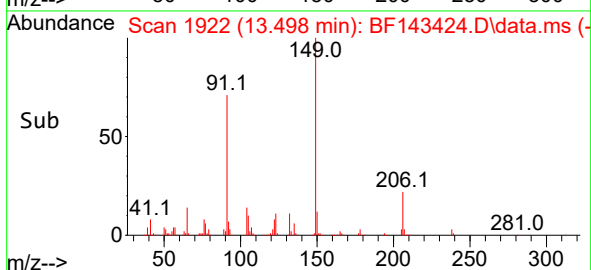
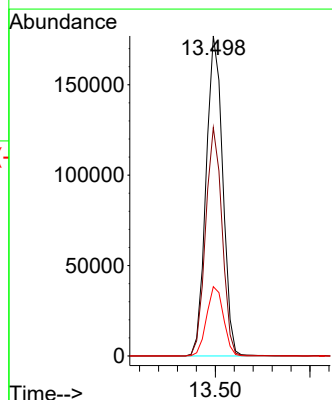
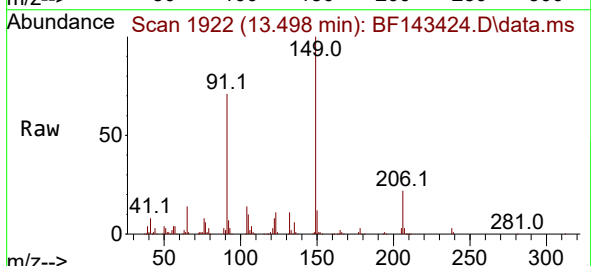
Tgt Ion:149 Resp: 216055

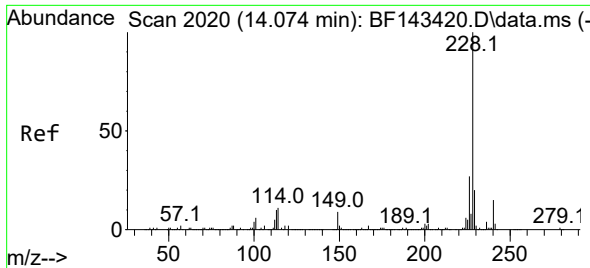
Ion Ratio Lower Upper

149 100

91 71.3 57.0 85.4

206 21.7 17.6 26.4

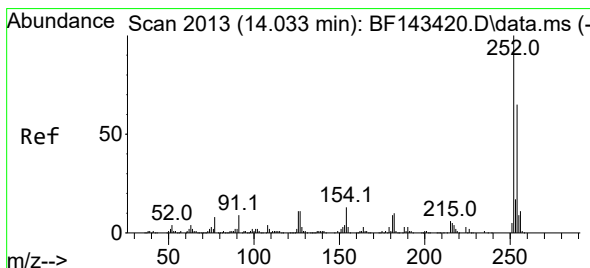
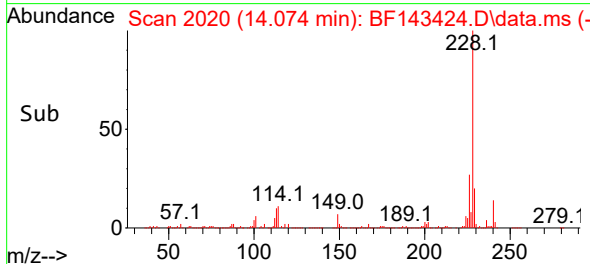
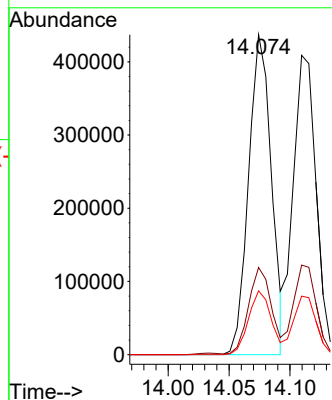
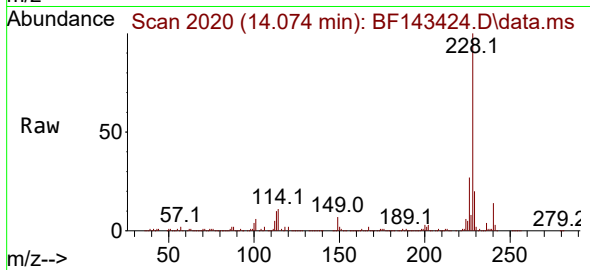




#81
Benzo(a)anthracene
Concen: 39.874 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

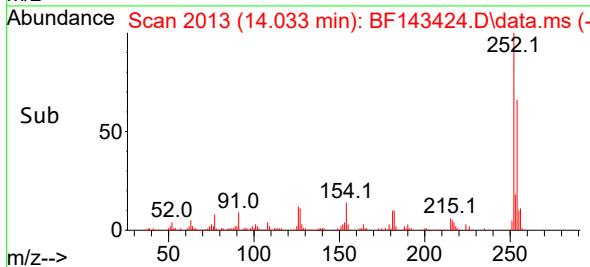
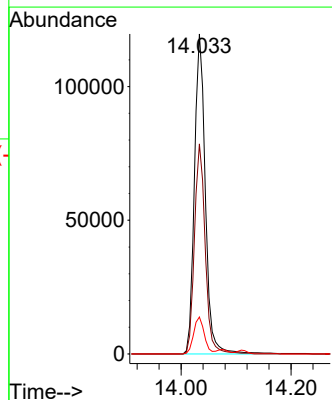
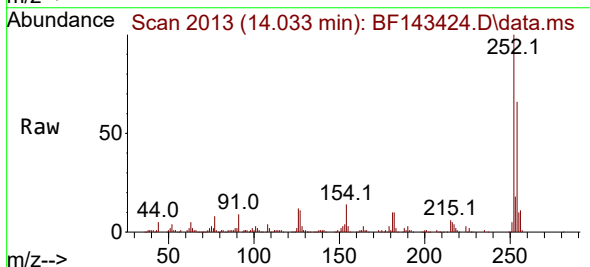
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

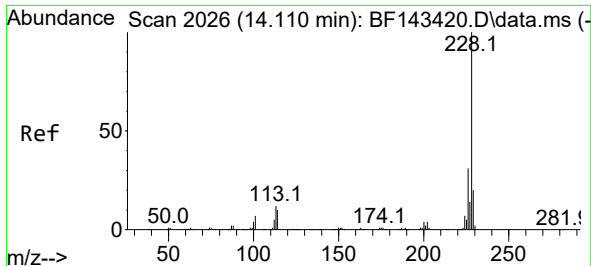
Tgt Ion:228 Resp: 569456
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.390 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:252 Resp: 164709
Ion Ratio Lower Upper
252 100
254 65.6 51.6 77.4
126 11.6 8.8 13.2

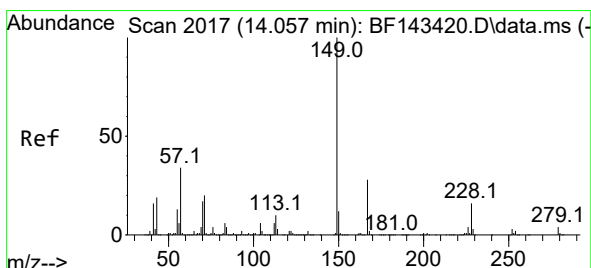
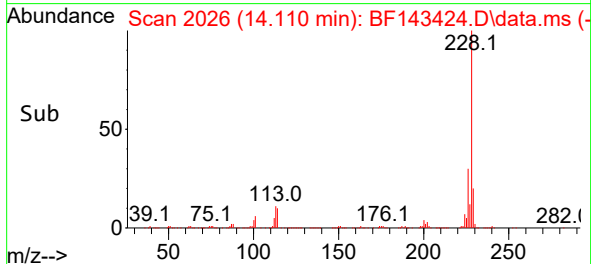
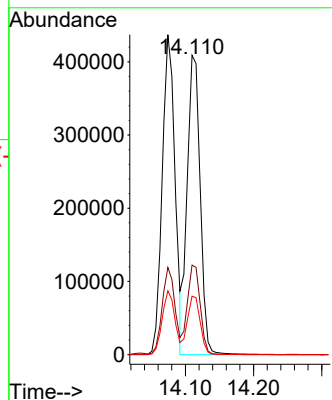
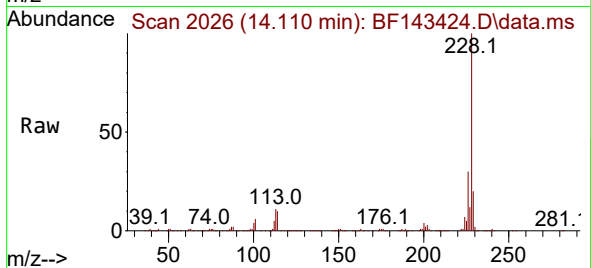




#83
Chrysene
Concen: 40.872 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

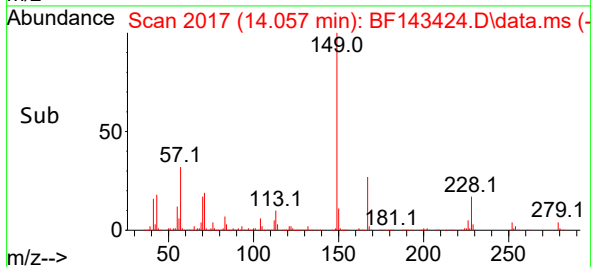
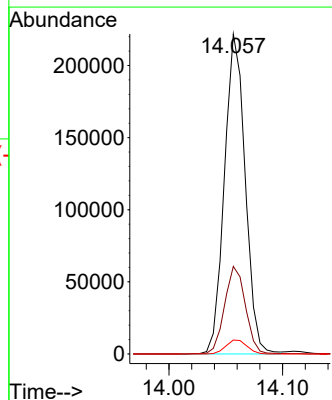
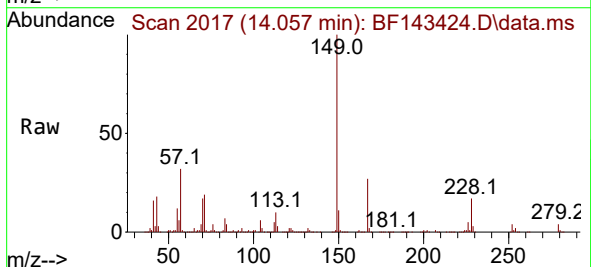
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

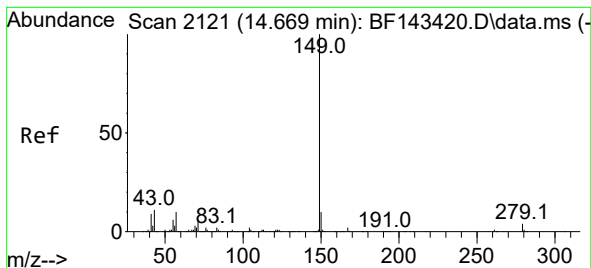
Tgt Ion:228 Resp: 539626
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.6 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.151 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:149 Resp: 282227
Ion Ratio Lower Upper
149 100
167 27.3 22.6 33.8
279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.276 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

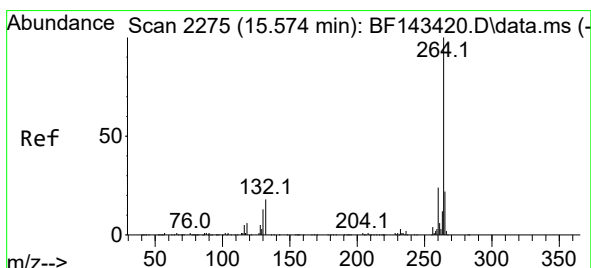
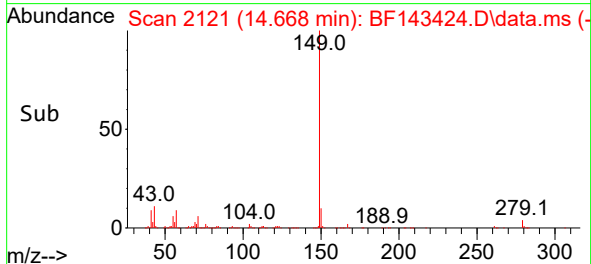
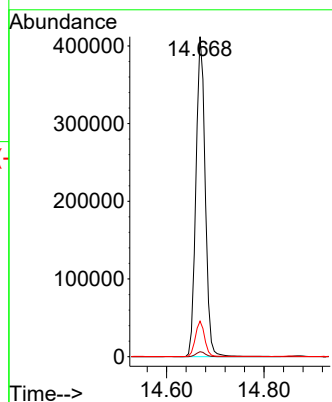
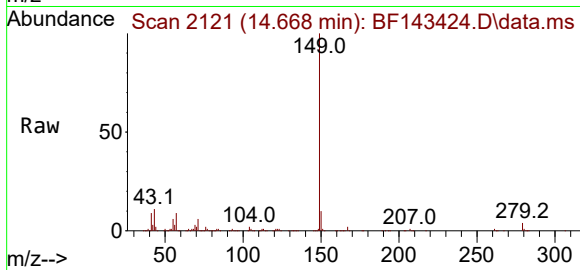
Tgt Ion:149 Resp: 546335

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 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: BF143424.D

Acq: 15 Aug 2025 18:57

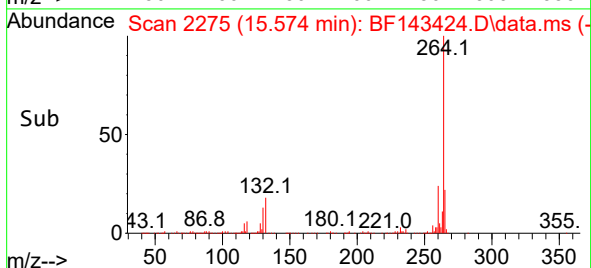
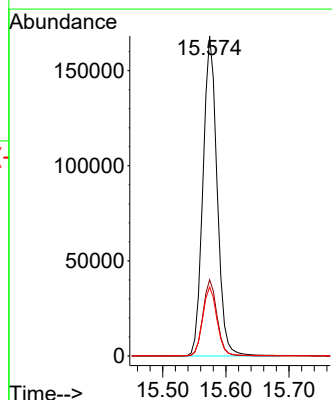
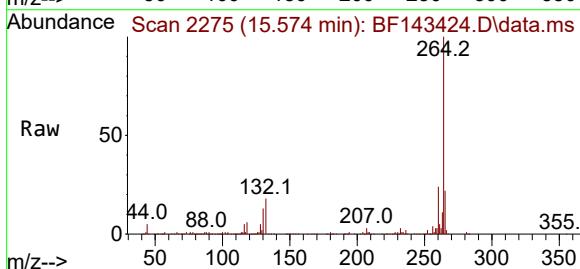
Tgt Ion:264 Resp: 261605

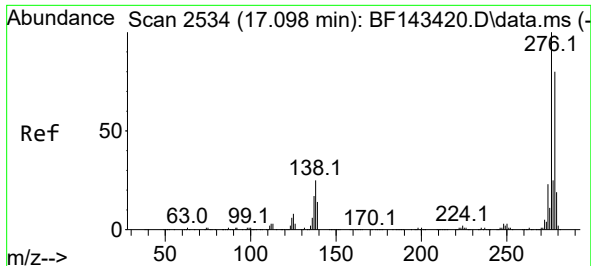
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.5 17.4 26.0

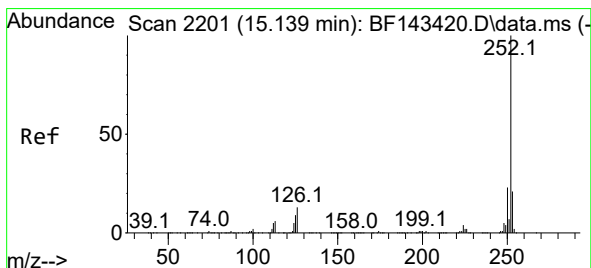
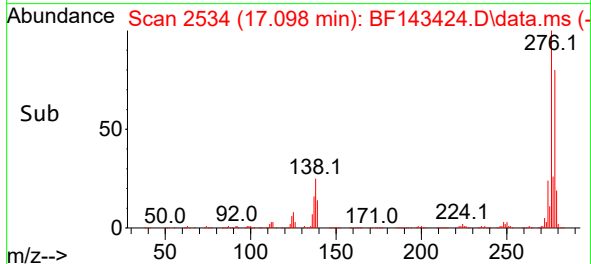
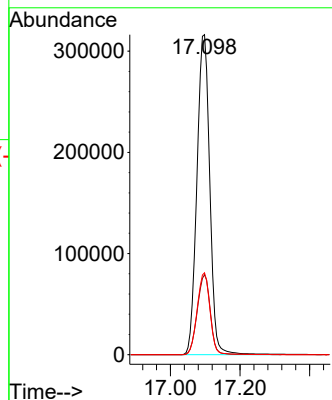
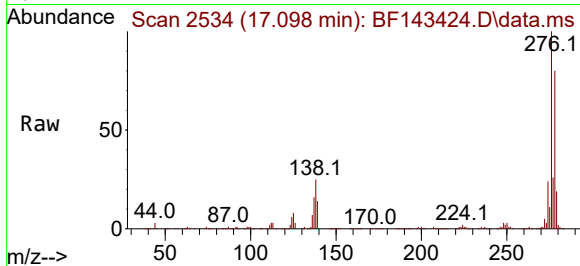




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.292 ng
 RT: 17.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

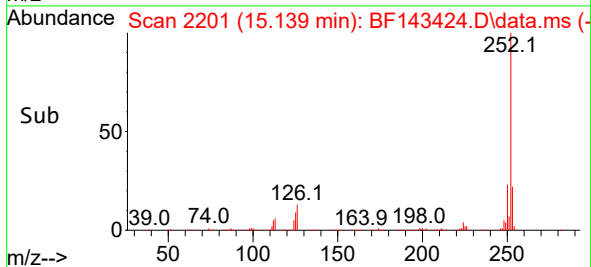
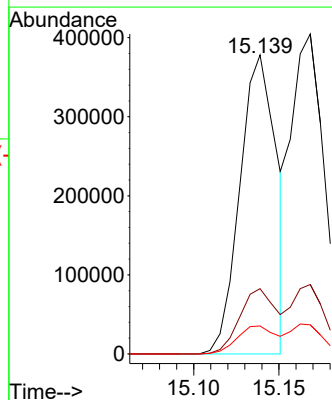
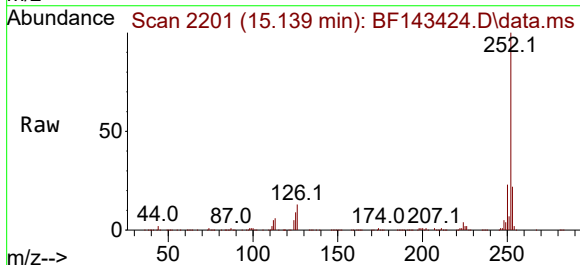
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

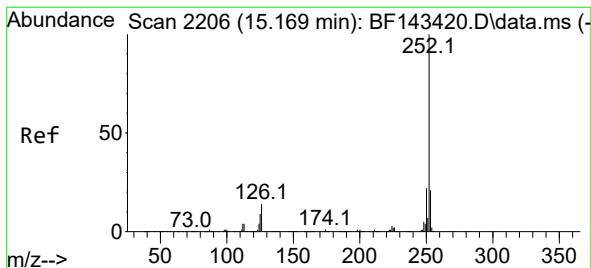
Tgt Ion:276 Resp: 810056
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.2 30.4
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 40.032 ng
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF143424.D
 Acq: 15 Aug 2025 18:57

Tgt Ion:252 Resp: 561290
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.1 25.7
 125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 40.263 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

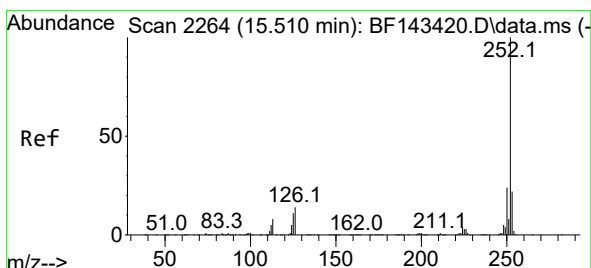
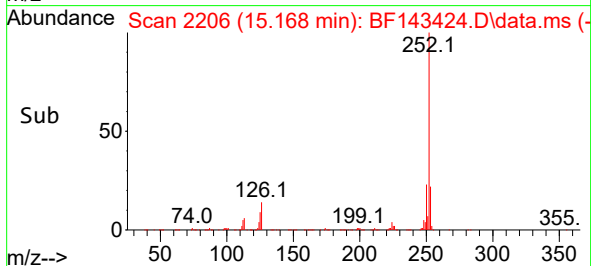
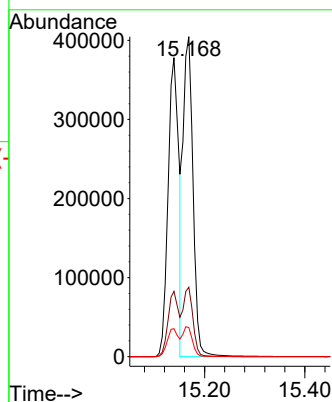
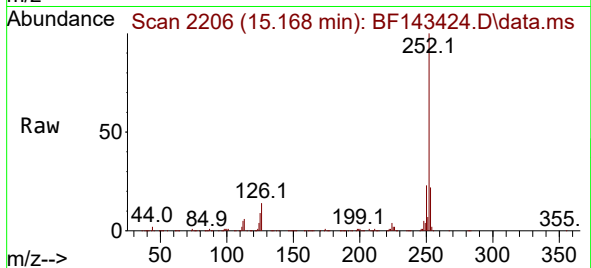
Tgt Ion:252 Resp: 556803

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.177 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

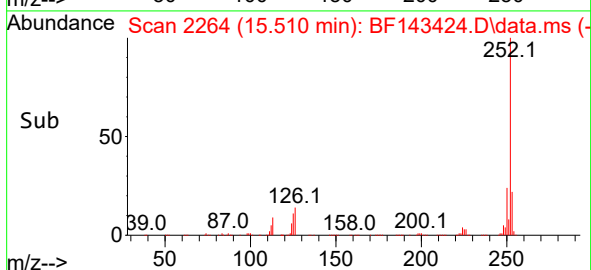
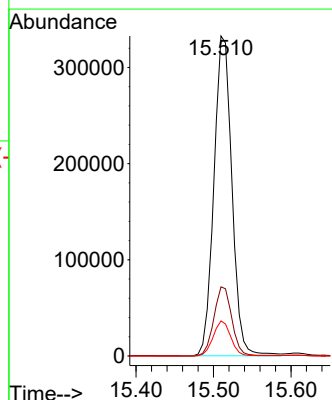
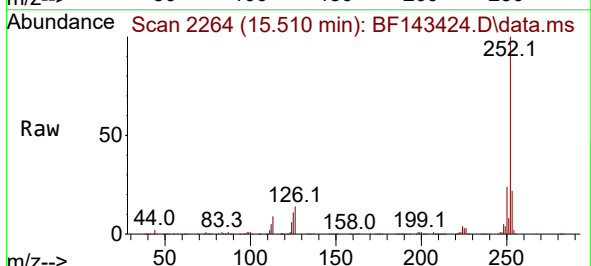
Tgt Ion:252 Resp: 536535

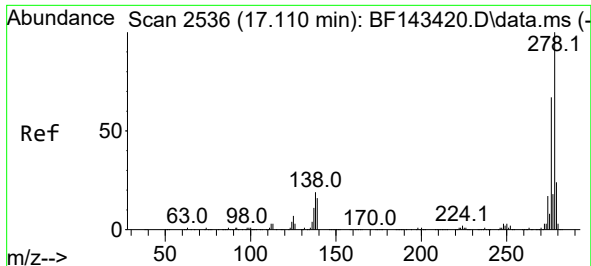
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

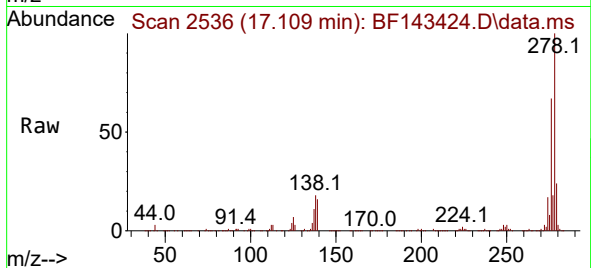
125 11.0 8.6 12.8



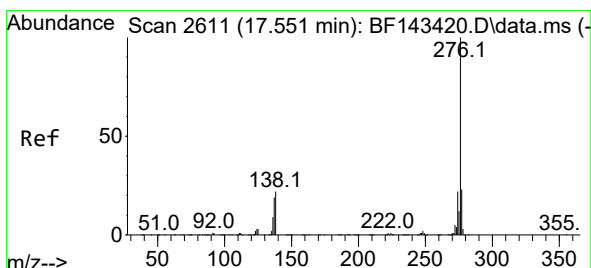
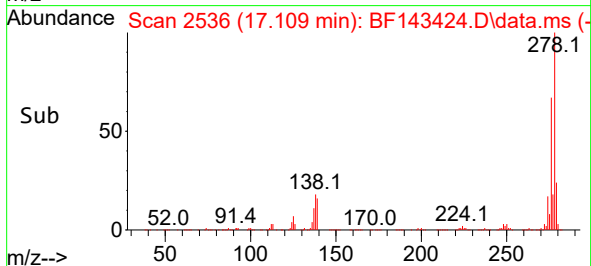
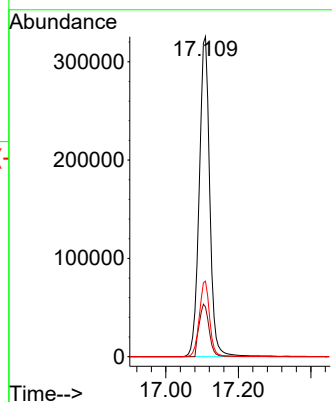


#91
Dibenzo(a,h)anthracene
Concen: 41.699 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF081525



Tgt Ion:278 Resp: 656933
Ion Ratio Lower Upper
278 100
139 15.5 12.9 19.3
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 41.438 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:276 Resp: 652150
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 22.6 17.5 26.3

