

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143421.D
 Acq On : 15 Aug 2025 16:58
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 15 18:28:43 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 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	130868	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501440	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269402	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	399933	20.000	ng	0.00
76) Chrysene-d12	14.086	240	212755	20.000	ng	0.00
86) Perylene-d12	15.574	264	292857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	720631	95.722	ng	0.00
7) Phenol-d6	6.563	99	905039	95.393	ng	0.00
23) Nitrobenzene-d5	7.487	82	826629	97.821	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	230532	96.140	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1446406	90.305	ng	0.00
79) Terphenyl-d14	13.027	244	1124159	88.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	175435	48.412	ng	99
3) Pyridine	3.510	79	478644	50.361	ng	99
4) n-Nitrosodimethylamine	3.452	42	220531	49.920	ng	100
6) Aniline	6.593	93	622834	48.357	ng	97
8) 2-Chlorophenol	6.716	128	395716	47.611	ng	99
9) Benzaldehyde	6.481	77	208469	41.304	ng	99
10) Phenol	6.575	94	530907	47.954	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	394817	48.110	ng	98
12) 1,3-Dichlorobenzene	6.869	146	436132	46.843	ng	99
13) 1,4-Dichlorobenzene	6.946	146	443461	47.709	ng	99
14) 1,2-Dichlorobenzene	7.098	146	420628	47.378	ng	100
15) Benzyl Alcohol	7.069	79	346568	49.533	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	658959	46.969	ng	97
17) 2-Methylphenol	7.181	107	323714	47.736	ng	99
18) Hexachloroethane	7.440	117	150926	47.703	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	271764	46.269	ng	98
20) 3+4-Methylphenols	7.334	107	381880	47.097	ng	97
22) Acetophenone	7.334	105	494892	45.903	ng	98
24) Nitrobenzene	7.510	77	432934	49.019	ng	97
25) Isophorone	7.751	82	771184	47.682	ng	99
26) 2-Nitrophenol	7.828	139	212674	51.944	ng	97
27) 2,4-Dimethylphenol	7.863	122	328110	47.397	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468573	47.135	ng	99
29) 2,4-Dichlorophenol	8.069	162	339906	48.167	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	343045	47.443	ng	100
31) Naphthalene	8.234	128	1117518	46.943	ng	100
32) Benzoic acid	7.981	122	182945	51.056	ng	98
33) 4-Chloroaniline	8.275	127	414537	48.241	ng	100
34) Hexachlorobutadiene	8.351	225	218677	47.427	ng	98
35) Caprolactam	8.651	113	100206	49.321	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	352945	48.562	ng	99
37) 2-Methylnaphthalene	8.922	142	742483	46.270	ng	99
38) 1-Methylnaphthalene	9.022	142	716623	46.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	358160	47.670	ng	99
41) Hexachlorocyclopentadiene	9.081	237	129004	49.794	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	229793	49.030	ng	97

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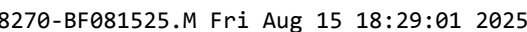
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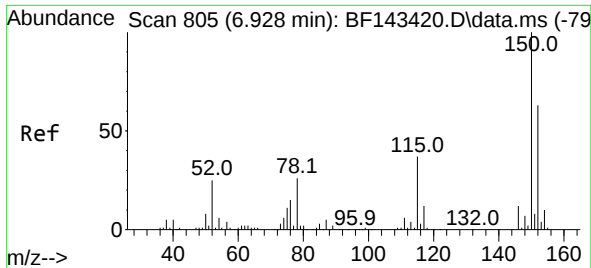
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	249336	49.630	ng	99
46) 1,1'-Biphenyl	9.387	154	886393	46.828	ng	100
47) 2-Chloronaphthalene	9.410	162	706570	47.289	ng	99
48) 2-Nitroaniline	9.504	65	223540	50.274	ng	97
49) Acenaphthylene	9.822	152	1023016	47.421	ng	100
50) Dimethylphthalate	9.675	163	793803	47.261	ng	100
51) 2,6-Dinitrotoluene	9.739	165	168362	50.849	ng	99
52) Acenaphthene	9.998	154	686068	47.284	ng	100
53) 3-Nitroaniline	9.910	138	184361	49.986	ng	100
54) 2,4-Dinitrophenol	10.022	184	68752	47.214	ng	98
55) Dibenzofuran	10.169	168	974240	46.545	ng	99
56) 4-Nitrophenol	10.075	139	119993	51.748	ng	98
57) 2,4-Dinitrotoluene	10.145	165	221081	50.082	ng	99
58) Fluorene	10.510	166	727083	45.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	190929	50.205	ng	98
60) Diethylphthalate	10.381	149	710763	45.793	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	371115	46.681	ng	98
62) 4-Nitroaniline	10.528	138	166617	48.306	ng	99
63) Azobenzene	10.663	77	736604	46.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	107140	51.921	ng	97
66) n-Nitrosodiphenylamine	10.616	169	623583	47.953	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	231927	49.109	ng	99
68) Hexachlorobenzene	11.063	284	241672	48.135	ng	99
69) Atrazine	11.139	200	184670	48.552	ng	99
70) Pentachlorophenol	11.257	266	116662	52.337	ng	99
71) Phenanthrene	11.475	178	1007589	46.525	ng	100
72) Anthracene	11.528	178	1024065	46.817	ng	99
73) Carbazole	11.675	167	848940	45.888	ng	99
74) Di-n-butylphthalate	12.004	149	850780	46.180	ng	100
75) Fluoranthene	12.663	202	844131	43.866	ng	99
77) Benzidine	12.775	184	261682	43.448	ng	99
78) Pyrene	12.892	202	849028	45.913	ng	99
80) Butylbenzylphthalate	13.498	149	239484	52.286	ng	99
81) Benzo(a)anthracene	14.074	228	644570	47.587	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	205554	51.831	ng	100
83) Chrysene	14.110	228	614856	49.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	364131	55.980	ng	99
85) Di-n-octyl phthalate	14.669	149	733517	55.599	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	1072706	48.845	ng	100
88) Benzo(b)fluoranthene	15.139	252	753963	48.035	ng	99
89) Benzo(k)fluoranthene	15.168	252	748201	48.329	ng	100
90) Benzo(a)pyrene	15.516	252	738784	49.418	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	855766	48.523	ng	100
92) Benzo(g,h,i)perylene	17.557	276	863384	49.005	ng	99

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

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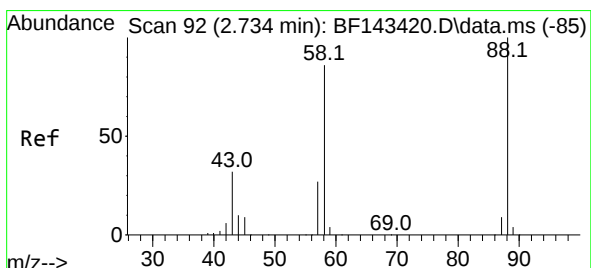
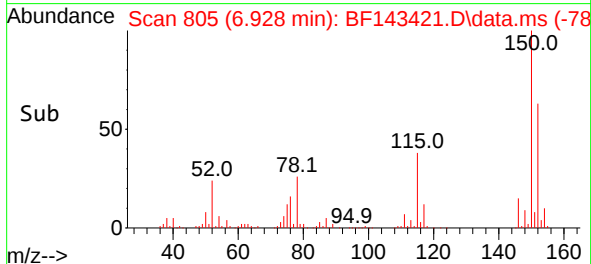
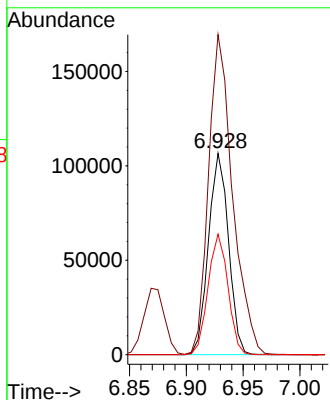
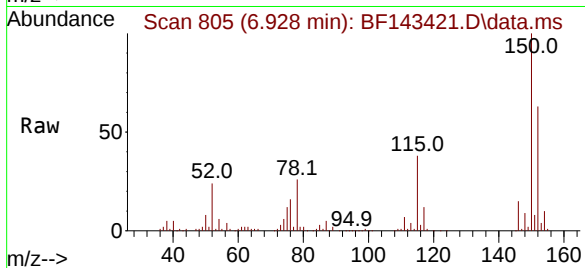




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143421.D
 Acq: 15 Aug 2025 16:58

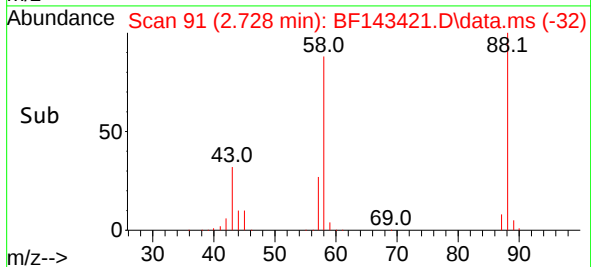
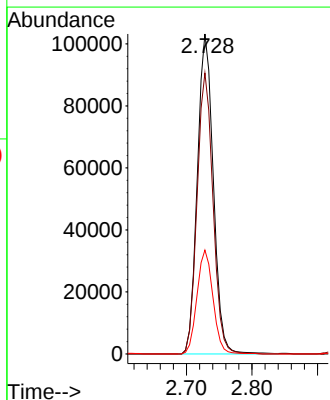
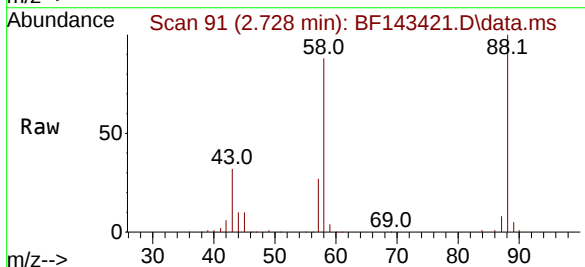
Instrument :
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 SSTDICC050

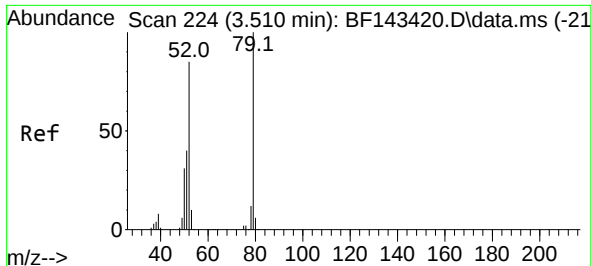
Tgt Ion:152 Resp: 130868
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.4 191.2
 115 59.8 47.5 71.3



#2
 1,4-Dioxane
 Concen: 48.412 ng
 RT: 2.728 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF143421.D
 Acq: 15 Aug 2025 16:58

Tgt Ion: 88 Resp: 175435
 Ion Ratio Lower Upper
 88 100
 58 87.4 68.7 103.1
 43 32.4 26.1 39.1





#3

Pyridine

Concen: 50.361 ng

RT: 3.510 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

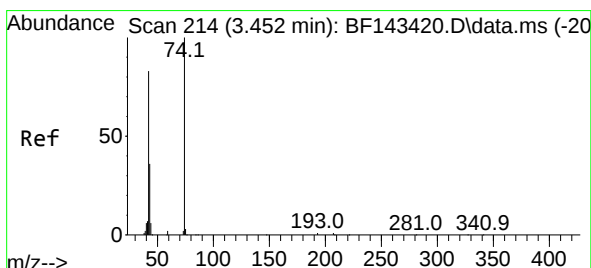
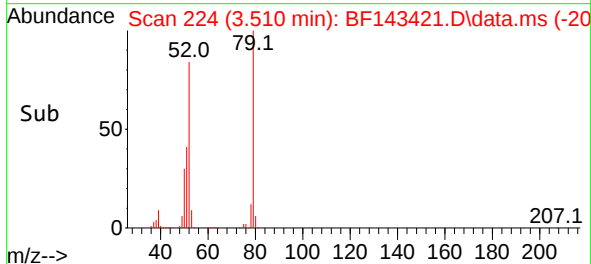
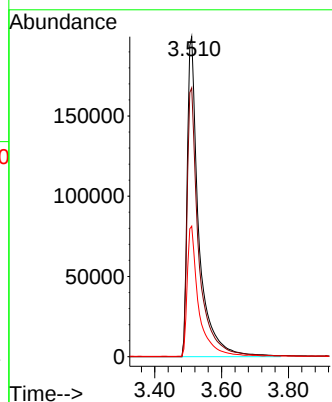
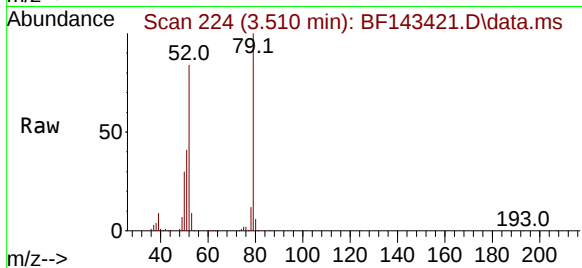
Tgt Ion: 79 Resp: 478644

Ion Ratio Lower Upper

79 100

52 84.0 67.7 101.5

51 40.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 49.920 ng

RT: 3.452 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

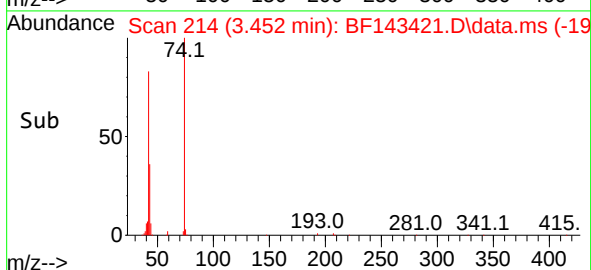
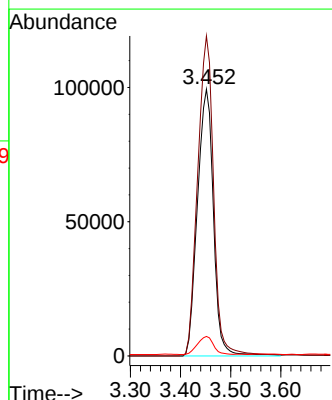
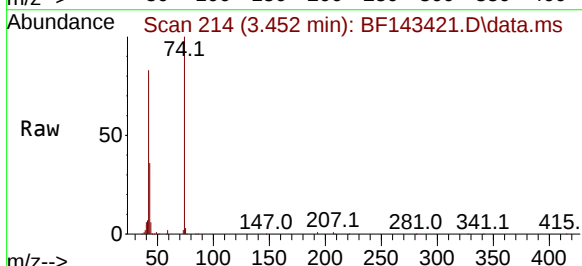
Tgt Ion: 42 Resp: 220531

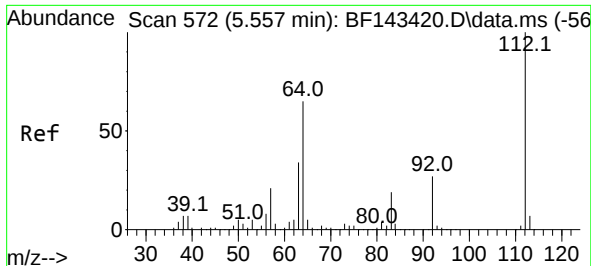
Ion Ratio Lower Upper

42 100

74 119.9 96.2 144.4

44 7.3 5.9 8.9

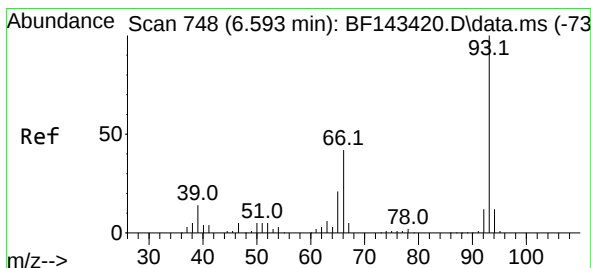
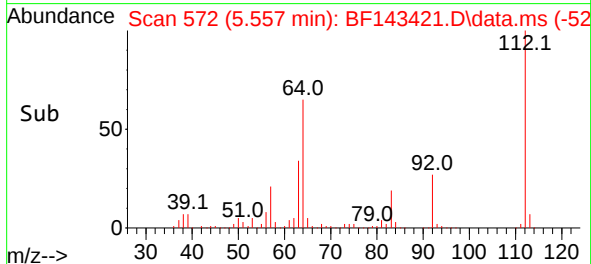
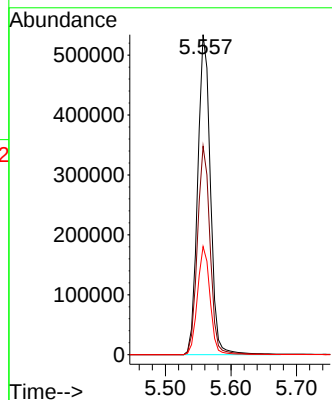
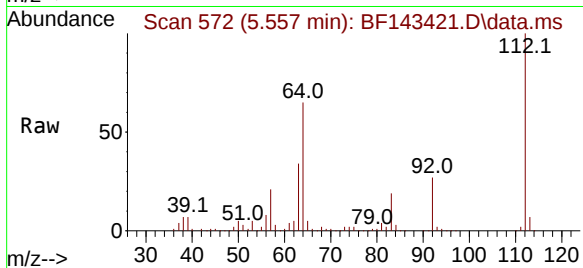




#5
2-Fluorophenol
Concen: 95.722 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

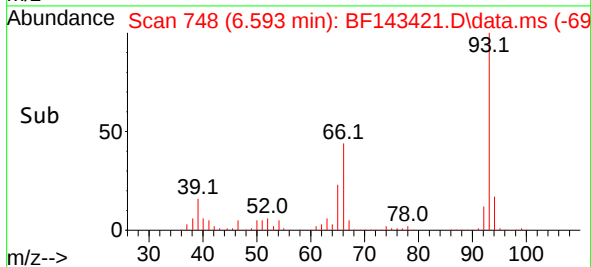
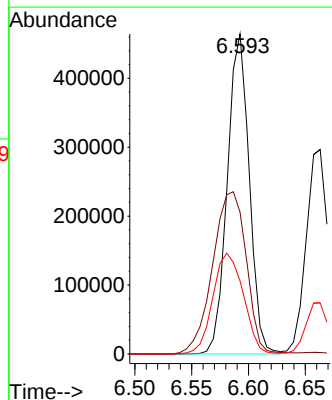
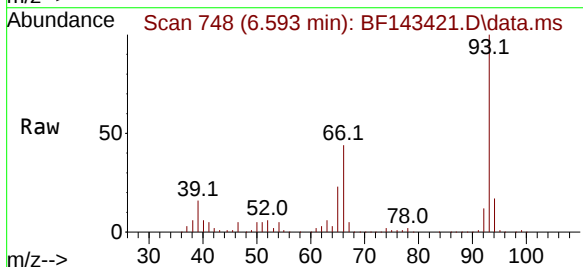
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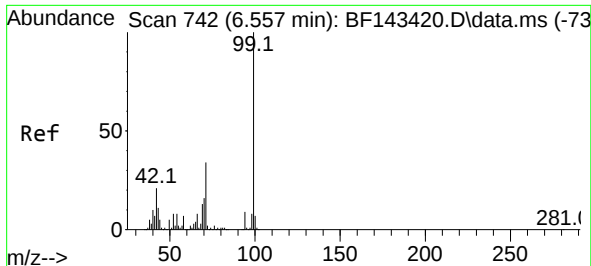
Tgt Ion:112 Resp: 720631
Ion Ratio Lower Upper
112 100
64 65.2 52.2 78.2
63 33.8 27.0 40.6



#6
Aniline
Concen: 48.357 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 93 Resp: 622834
Ion Ratio Lower Upper
93 100
66 44.3 33.8 50.8
65 22.8 17.2 25.8

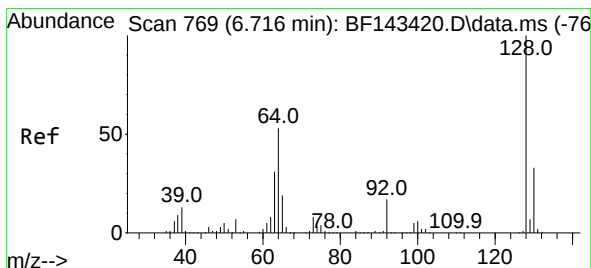
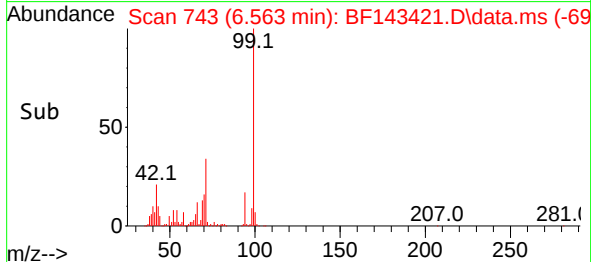
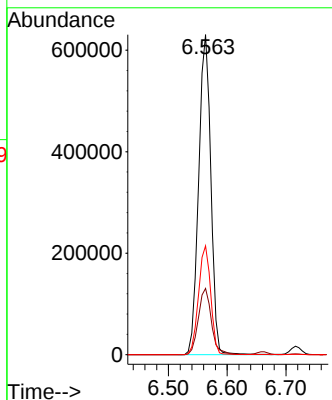
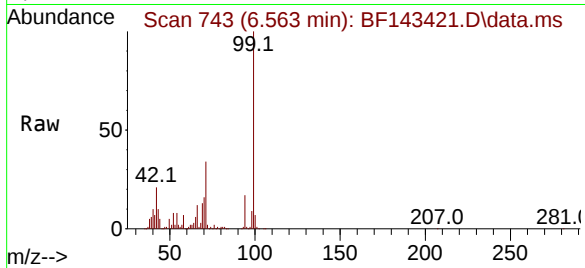




#7
Phenol-d6
Concen: 95.393 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

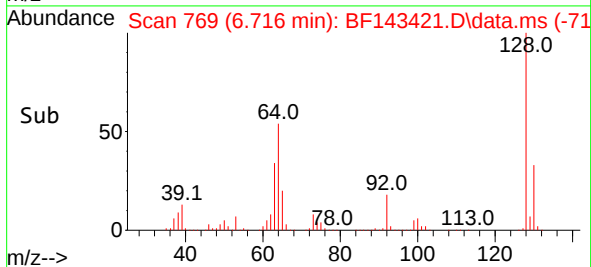
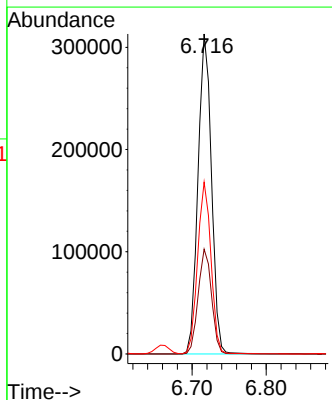
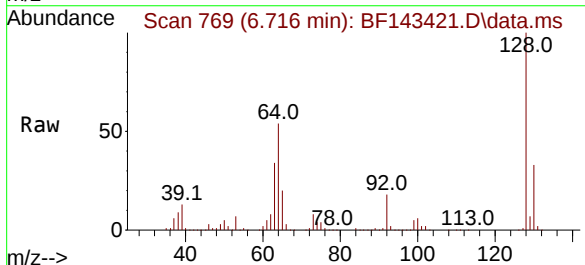
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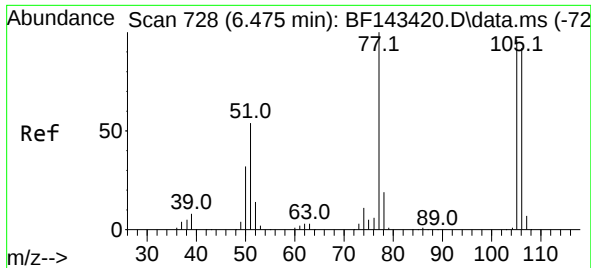
Tgt Ion: 99 Resp: 905039
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 34.0 27.4 41.2



#8
2-Chlorophenol
Concen: 47.611 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 128 Resp: 395716
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 53.7 33.1 73.1





#9

Benzaldehyde

Concen: 41.304 ng

RT: 6.481 min Scan# 728

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

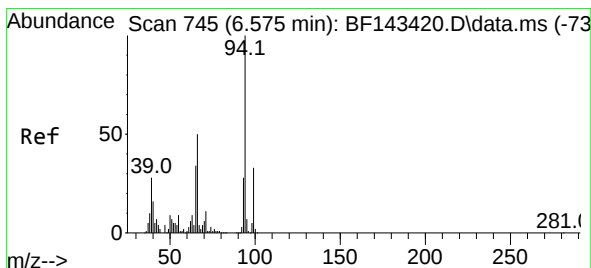
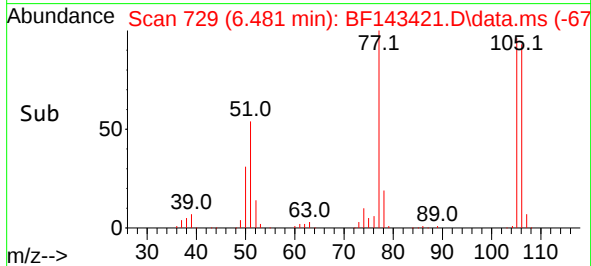
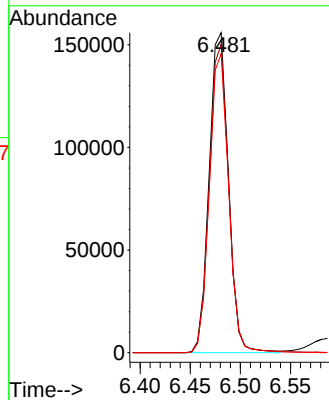
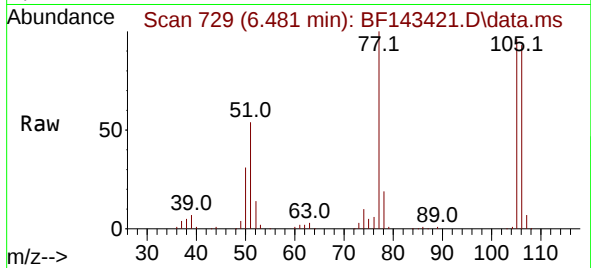
Tgt Ion: 77 Resp: 208469

Ion Ratio Lower Upper

77 100

105 96.3 75.5 115.5

106 93.5 72.0 112.0



#10

Phenol

Concen: 47.954 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

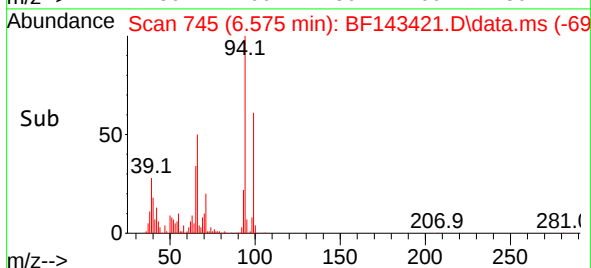
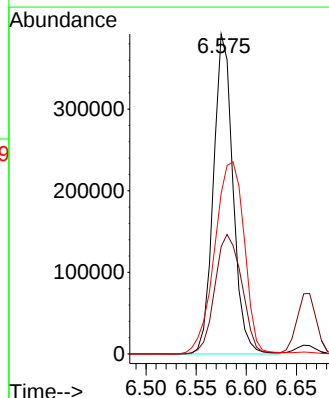
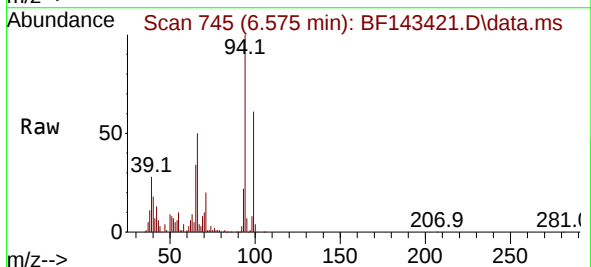
Tgt Ion: 94 Resp: 530907

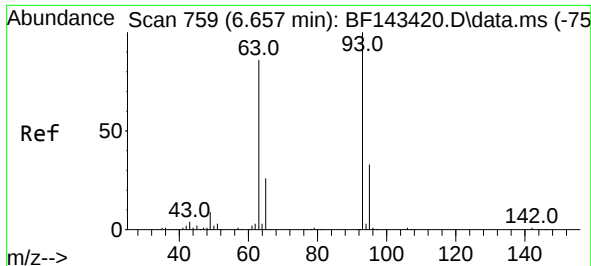
Ion Ratio Lower Upper

94 100

65 33.5 13.7 53.7

66 50.2 30.3 70.3

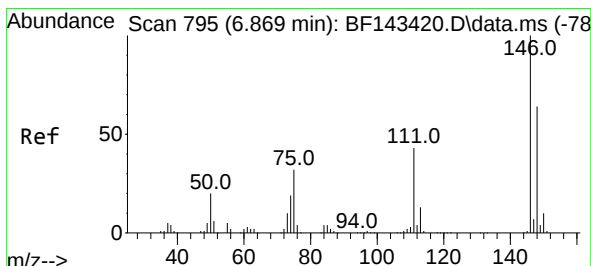
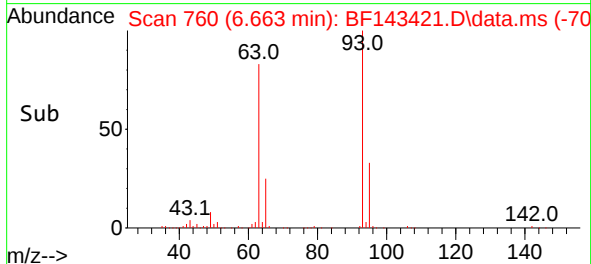
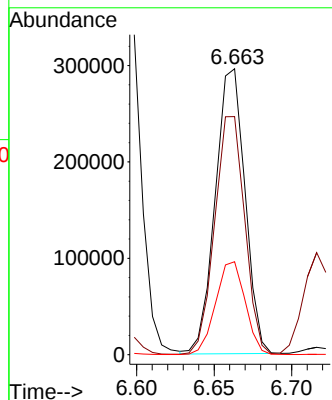
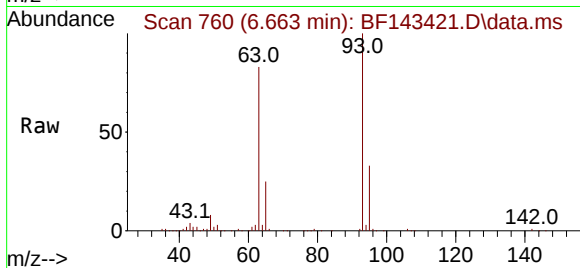




#11
bis(2-Chloroethyl)ether
Concen: 48.110 ng
RT: 6.663 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

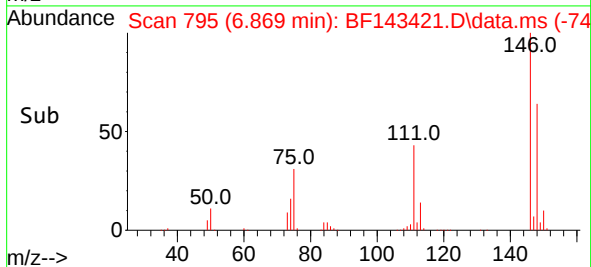
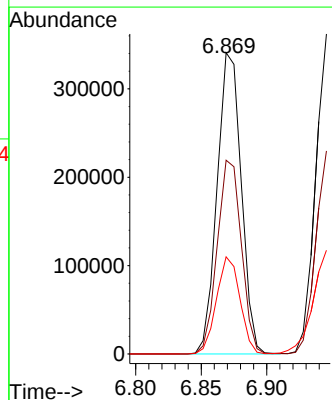
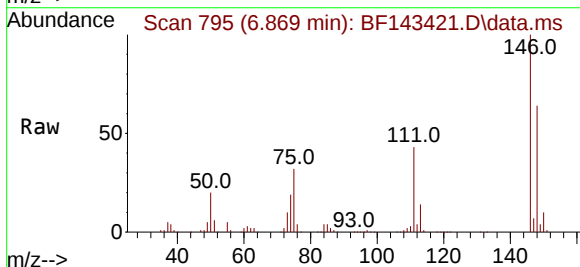
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

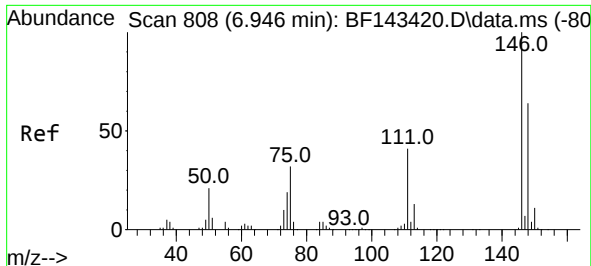
Tgt Ion: 93 Resp: 394817
Ion Ratio Lower Upper
93 100
63 83.3 65.4 105.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.843 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 146 Resp: 436132
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.2 25.3 37.9

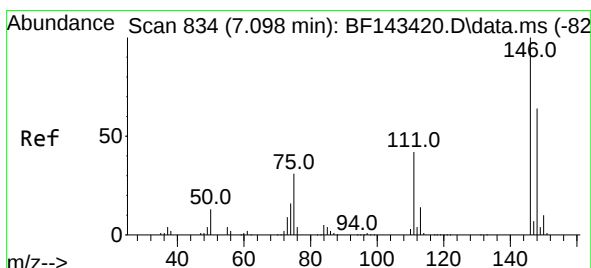
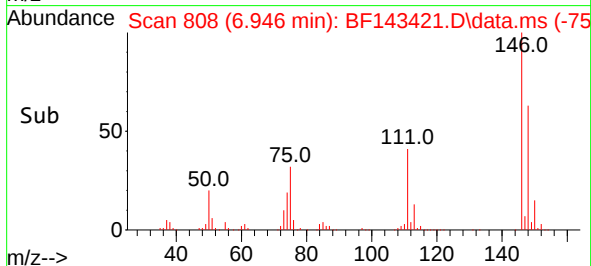
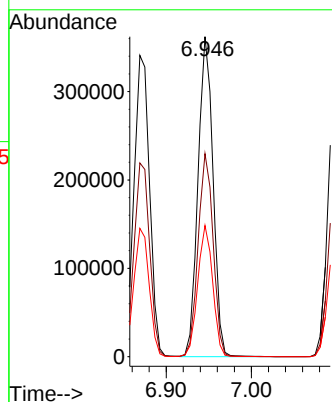
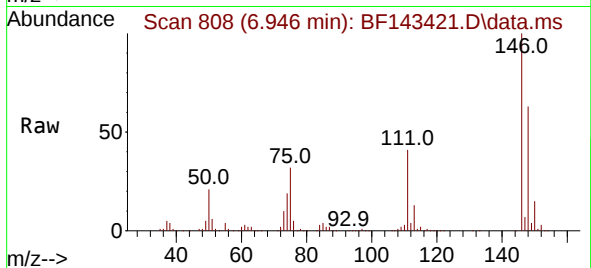




#13
1,4-Dichlorobenzene
Concen: 47.709 ng
RT: 6.946 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

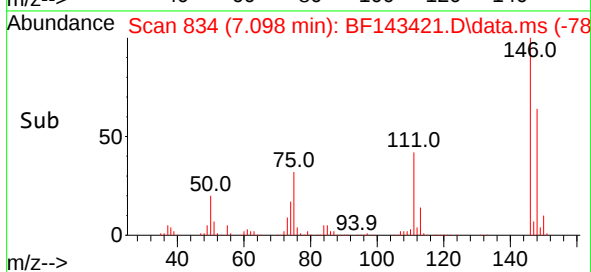
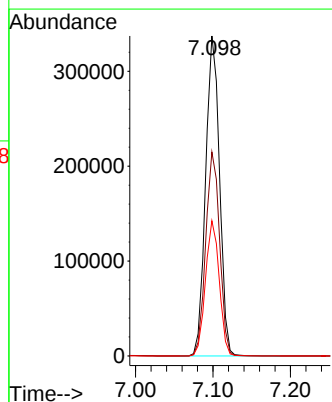
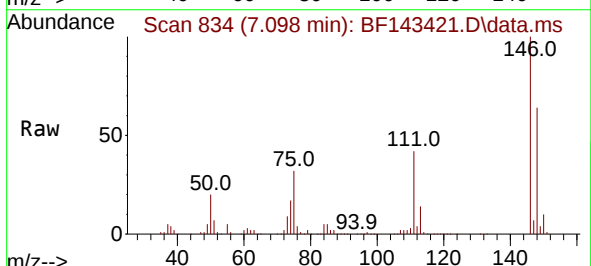
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

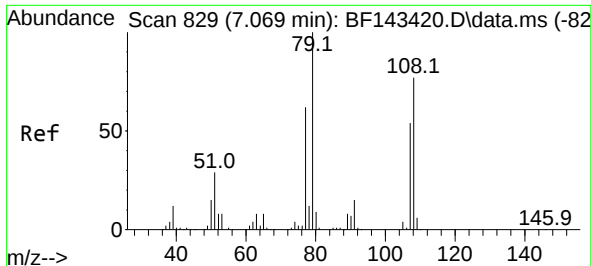
Tgt Ion:146 Resp: 443461
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 41.0 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 47.378 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:146 Resp: 420628
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 42.2 33.9 50.9

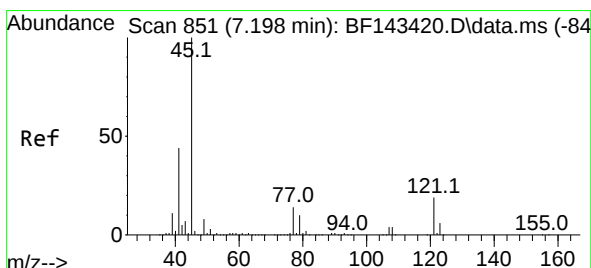
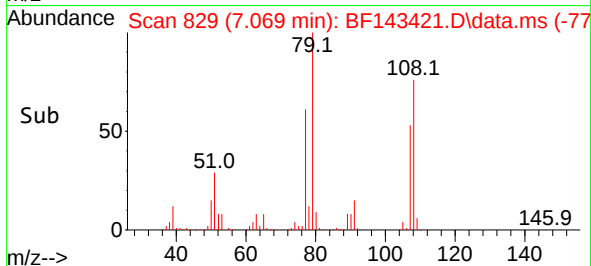
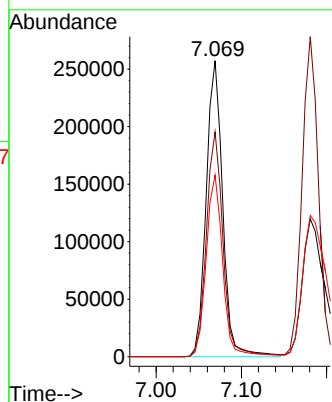
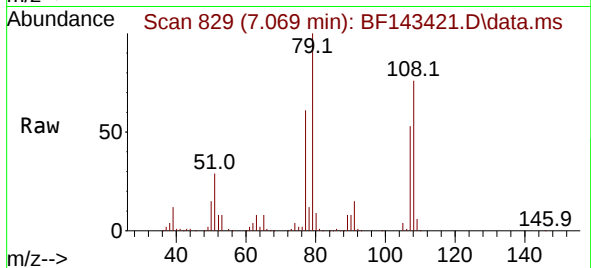




#15
Benzyl Alcohol
Concen: 49.533 ng
RT: 7.069 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

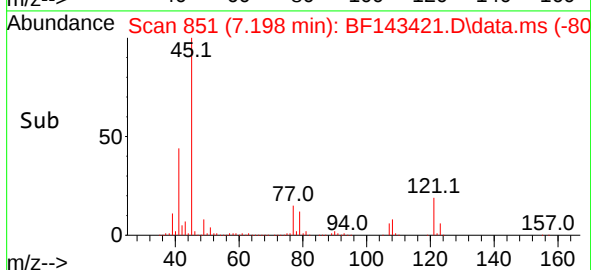
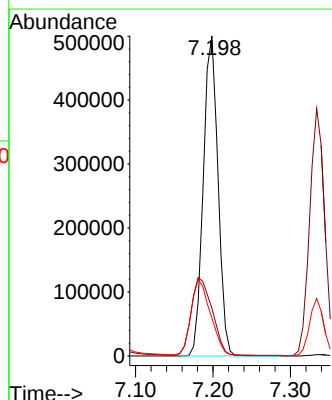
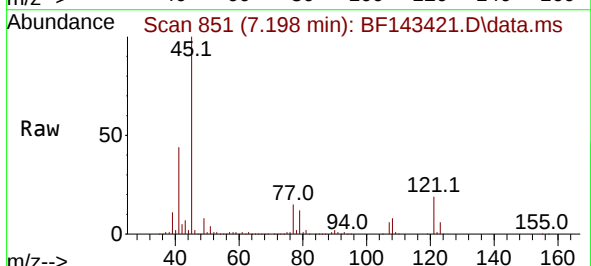
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

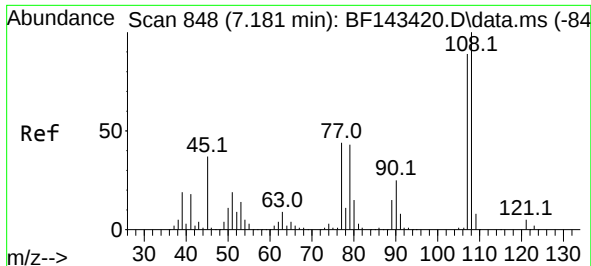
Tgt Ion: 79 Resp: 346568
Ion Ratio Lower Upper
79 100
108 75.9 61.9 92.9
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.969 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 45 Resp: 658959
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.9
79 11.9 0.0 30.7



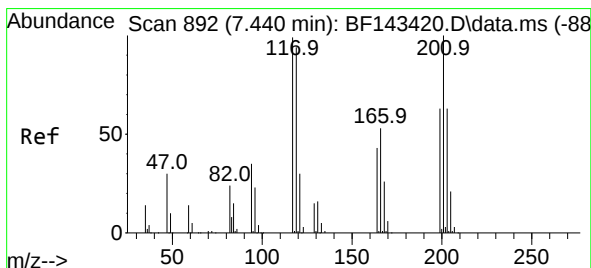
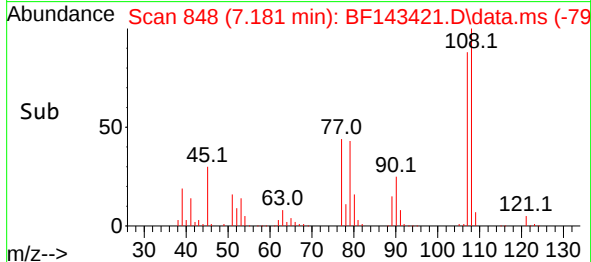
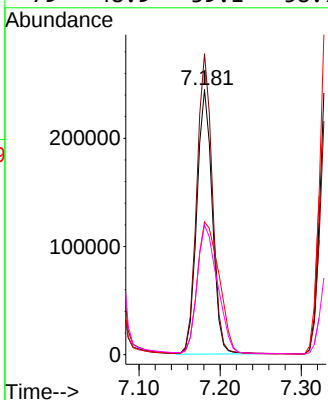
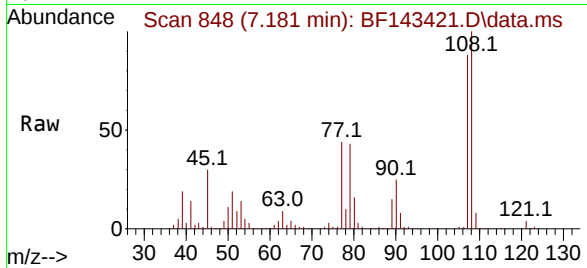


#17
2-Methylphenol
Concen: 47.736 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 323714

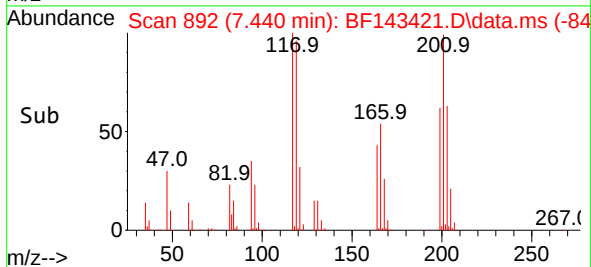
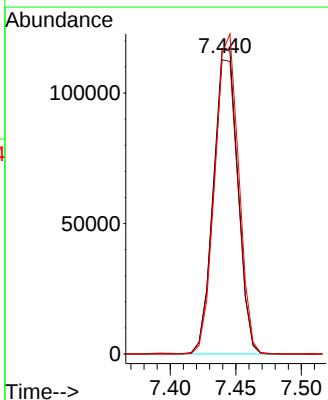
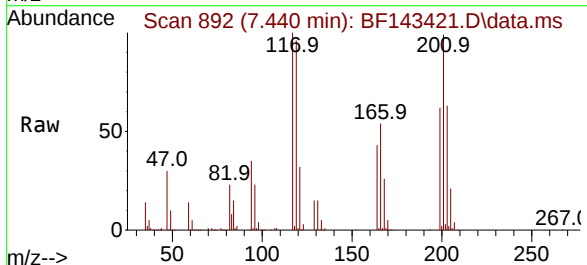
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.1	135.1
77	50.1	39.9	59.9
79	48.9	39.1	58.7

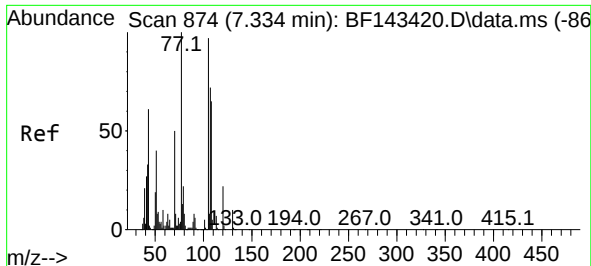


#18
Hexachloroethane
Concen: 47.703 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:117 Resp: 150926

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	98.6	81.0	121.4

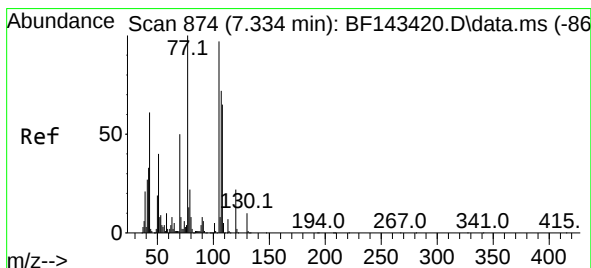
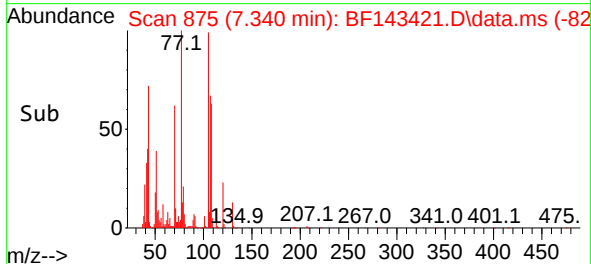
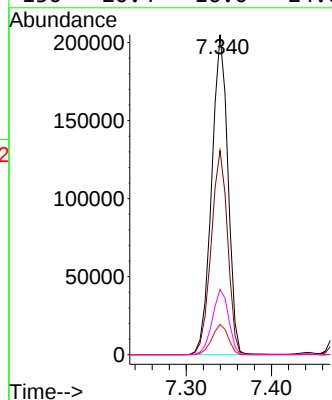
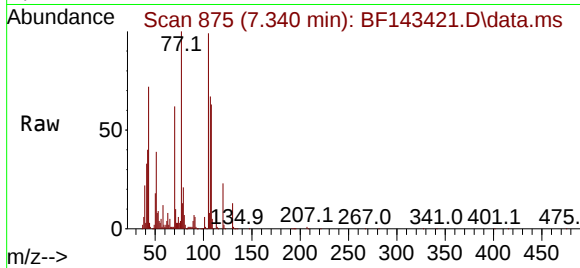




#19
n-Nitroso-di-n-propylamine
Concen: 46.269 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

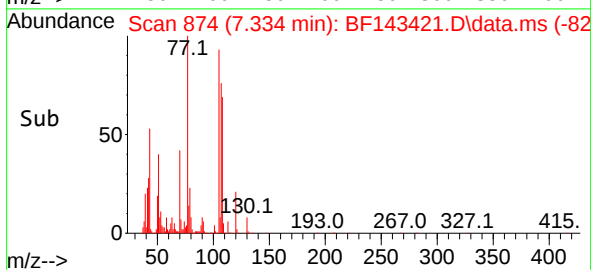
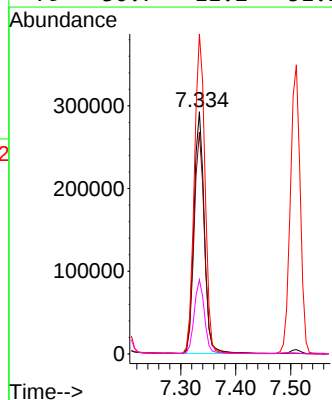
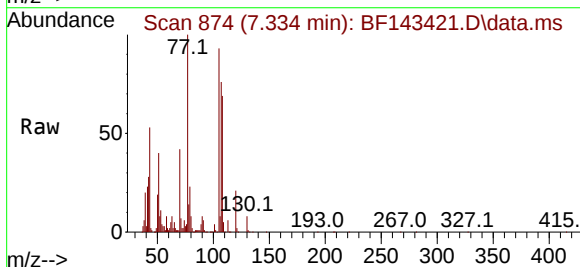
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

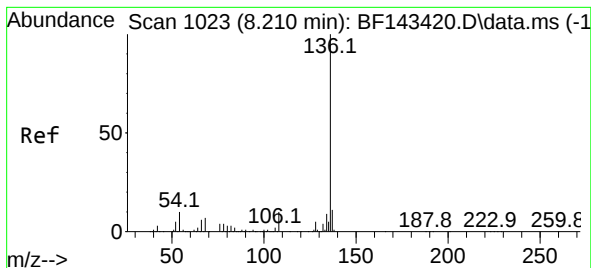
Tgt Ion: 70 Resp: 271764
Ion Ratio Lower Upper
70 100
42 63.8 52.5 78.7
101 9.5 7.9 11.9
130 20.4 16.0 24.0



#20
3+4-Methylphenols
Concen: 47.097 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 107 Resp: 381880
Ion Ratio Lower Upper
107 100
108 91.6 70.8 110.8
77 132.1 119.1 159.1
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: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 501440

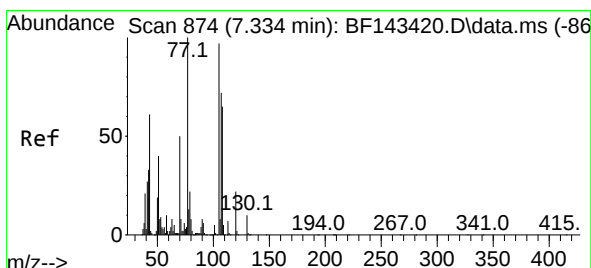
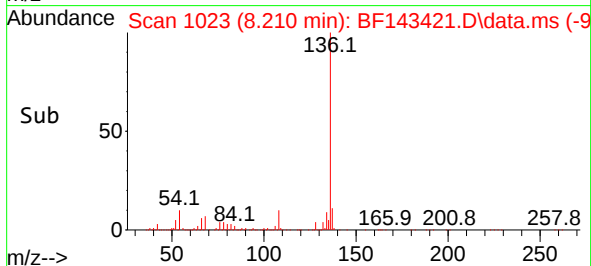
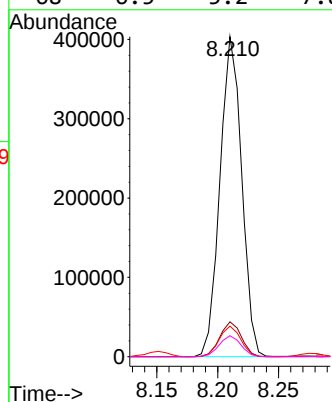
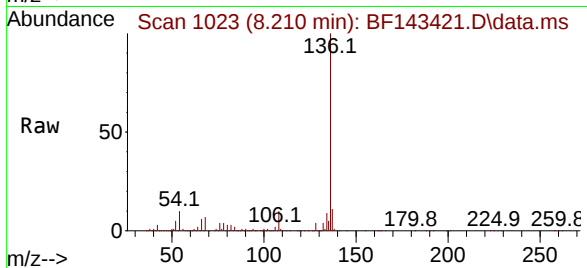
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 7.8 11.8

68 6.5 5.2 7.8



#22

Acetophenone

Concen: 45.903 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Tgt Ion:105 Resp: 494892

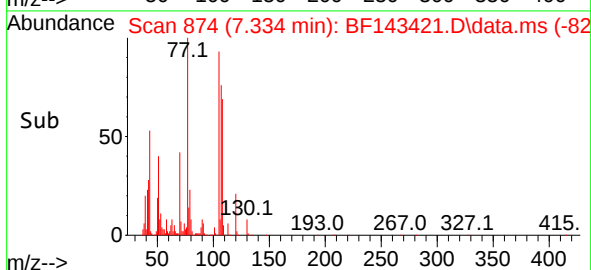
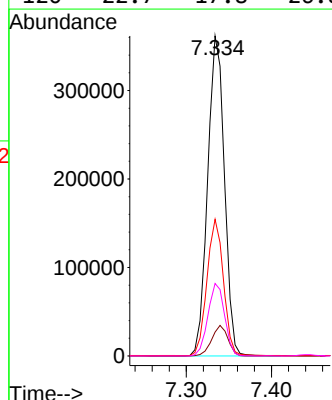
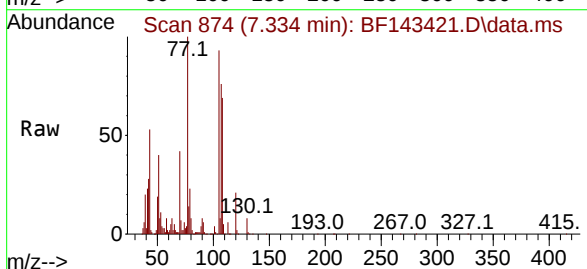
Ion Ratio Lower Upper

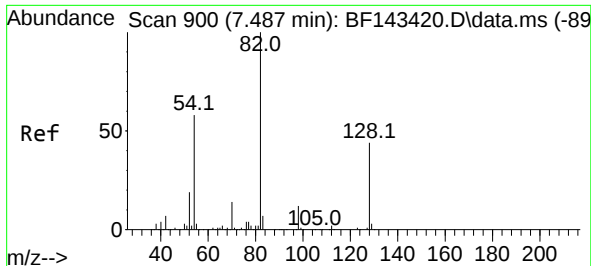
105 100

71 7.5 7.0 10.4

51 42.7 32.7 49.1

120 22.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 97.821 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

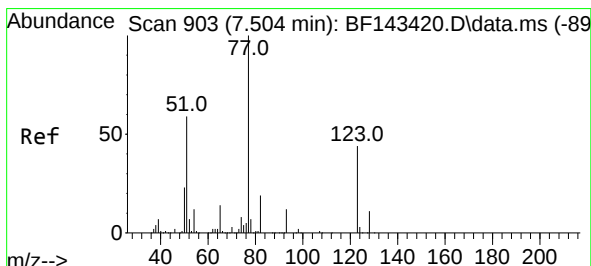
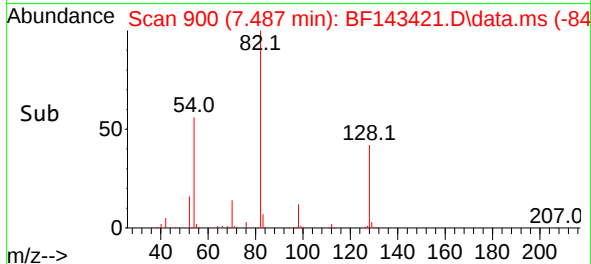
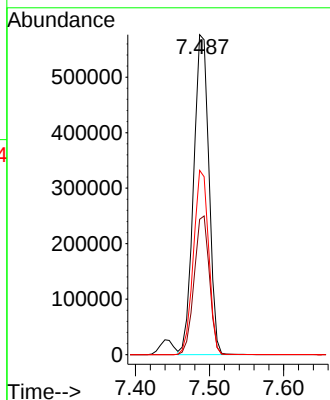
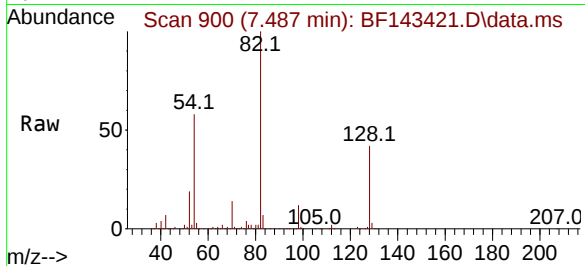
Tgt Ion: 82 Resp: 826629

Ion Ratio Lower Upper

82 100

128 42.3 34.6 52.0

54 57.6 46.0 69.0



#24

Nitrobenzene

Concen: 49.019 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

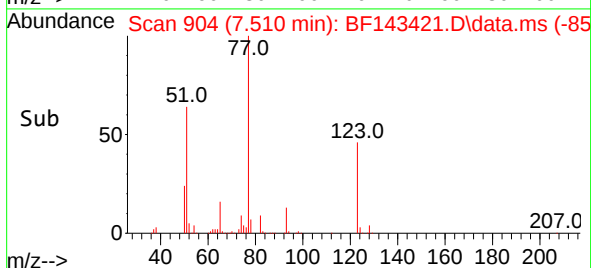
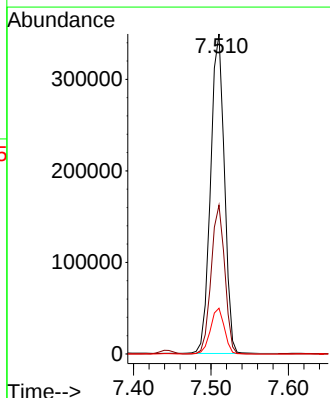
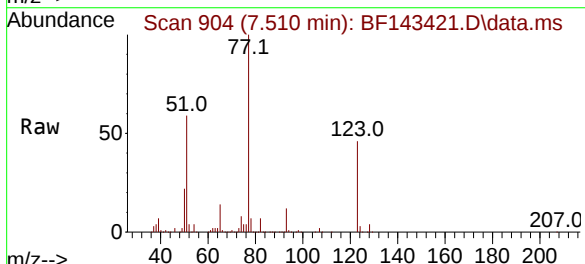
Tgt Ion: 77 Resp: 432934

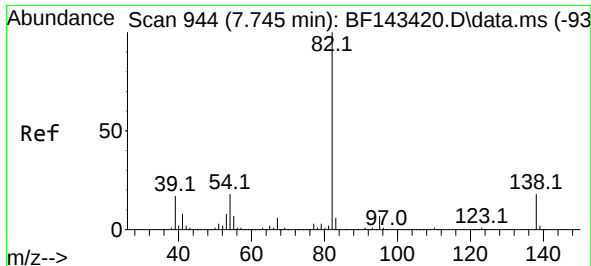
Ion Ratio Lower Upper

77 100

123 46.5 35.4 53.0

65 14.3 11.2 16.8

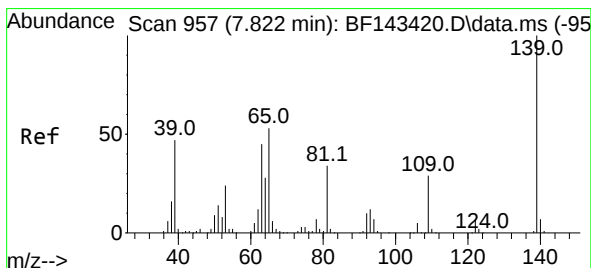
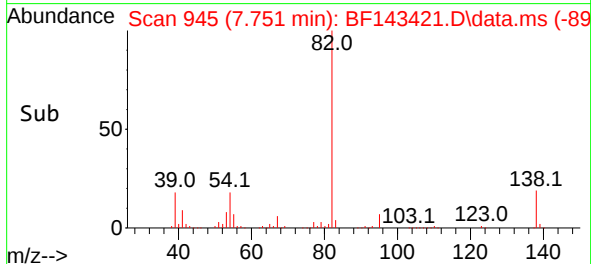
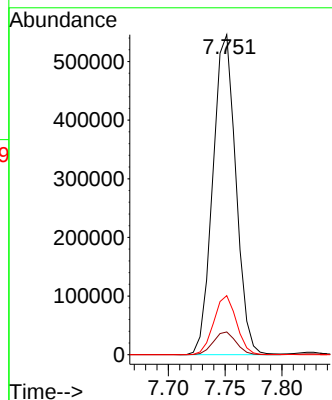
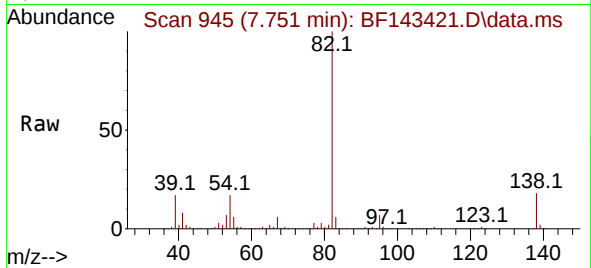




#25
Isophorone
Concen: 47.682 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

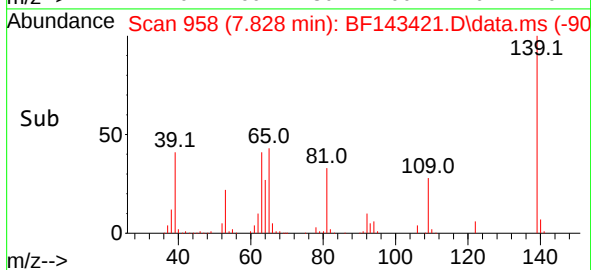
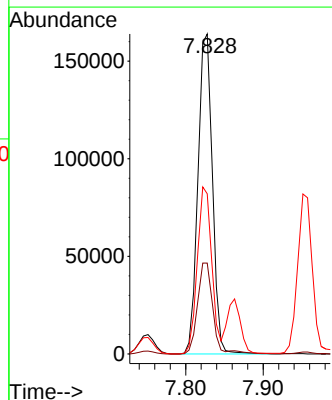
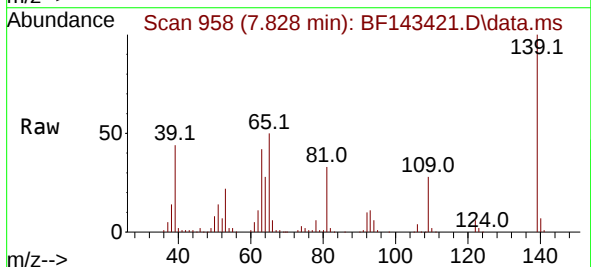
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

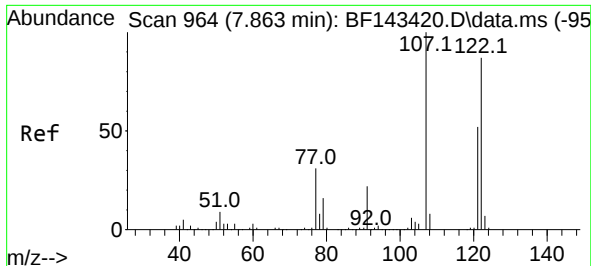
Tgt Ion: 82 Resp: 771184
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.5 14.3 21.5



#26
2-Nitrophenol
Concen: 51.944 ng
RT: 7.828 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 139 Resp: 212674
Ion Ratio Lower Upper
139 100
109 28.4 23.0 34.4
65 50.1 42.5 63.7

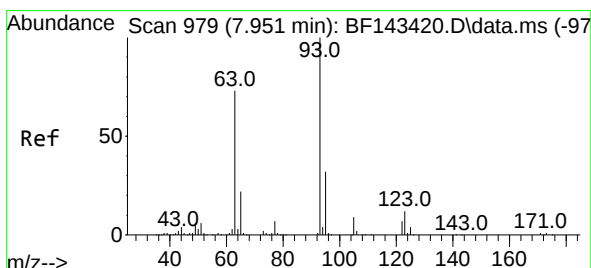
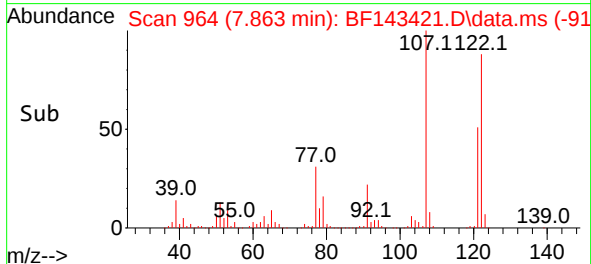
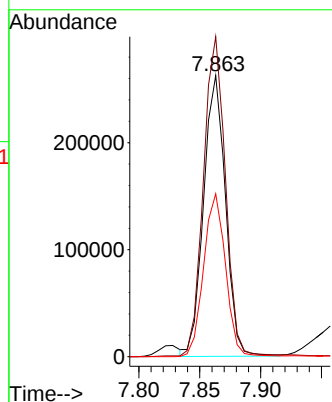
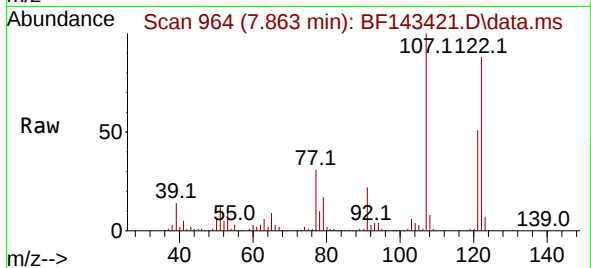




#27
2,4-Dimethylphenol
Concen: 47.397 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

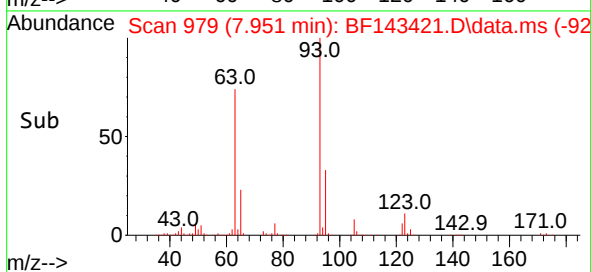
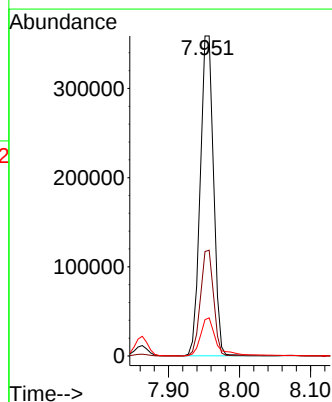
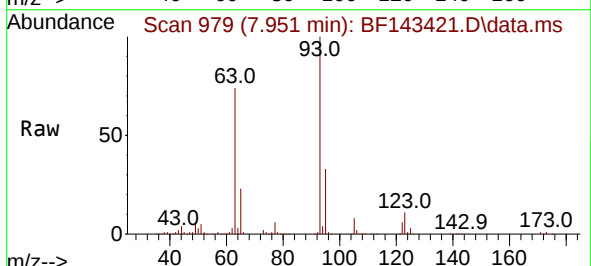
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

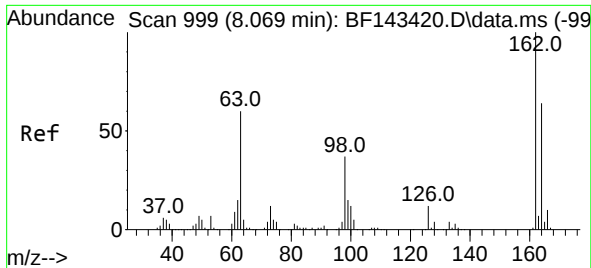
Tgt Ion:122 Resp: 328110
Ion Ratio Lower Upper
122 100
107 113.8 90.4 135.6
121 57.9 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.135 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 93 Resp: 468573
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 48.167 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143421.D

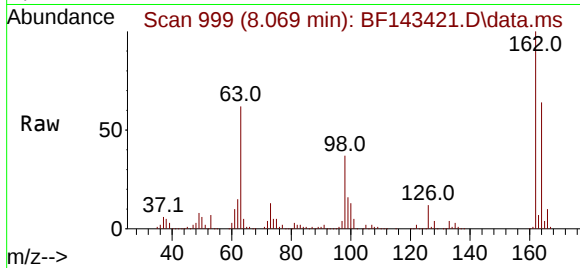
Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



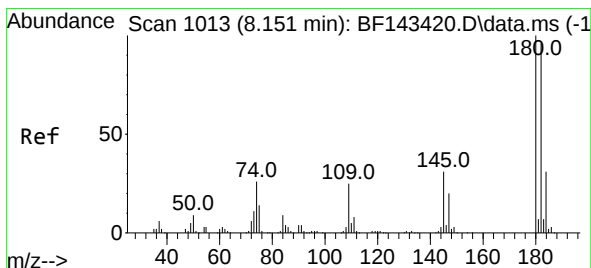
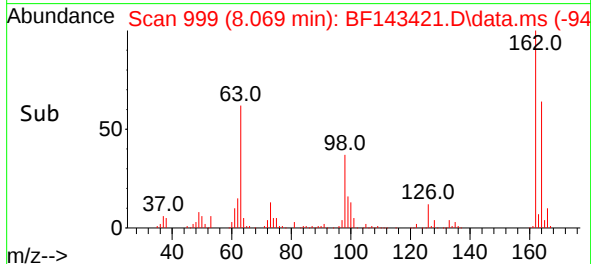
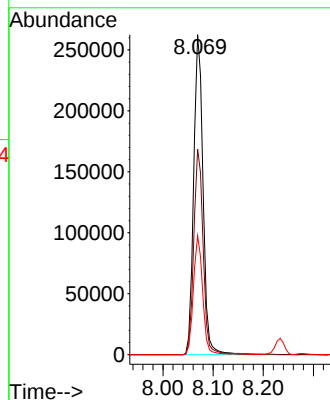
Tgt Ion:162 Resp: 339906

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 37.1 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 47.443 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

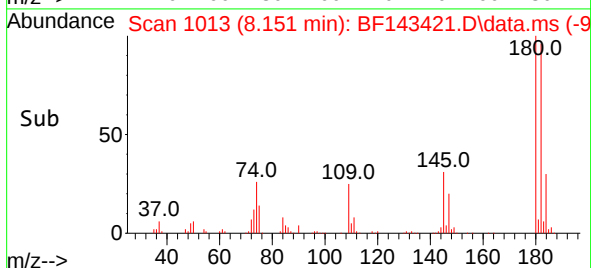
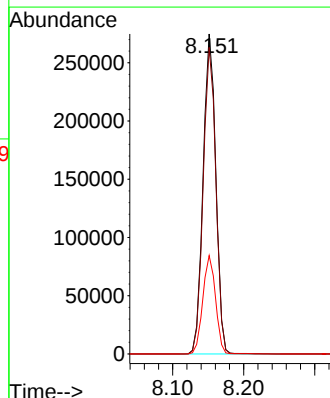
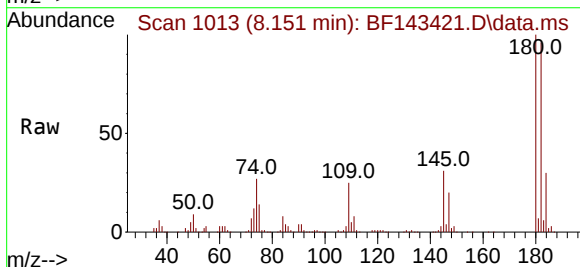
Tgt Ion:180 Resp: 343045

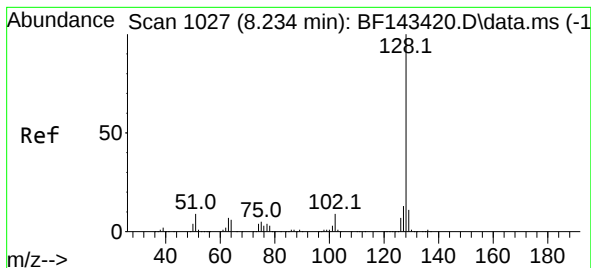
Ion Ratio Lower Upper

180 100

182 95.8 76.7 115.1

145 30.7 24.5 36.7





#31

Naphthalene

Concen: 46.943 ng

RT: 8.234 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

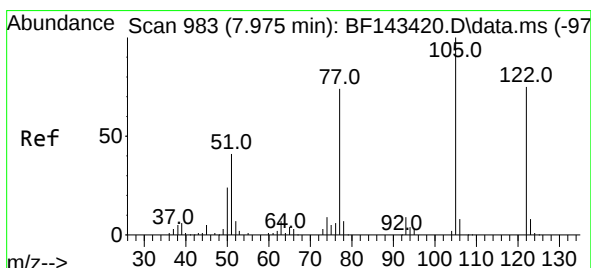
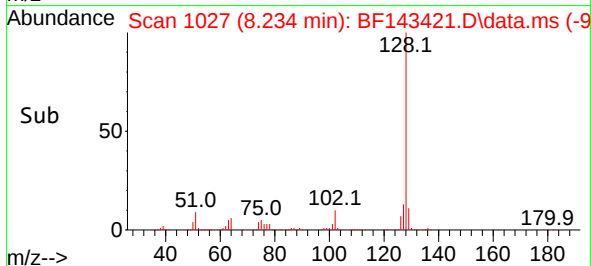
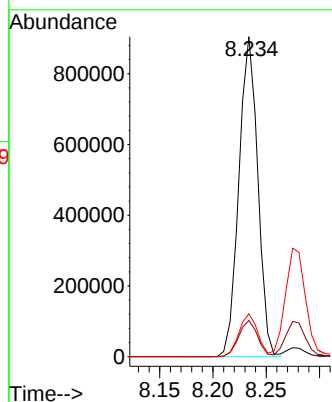
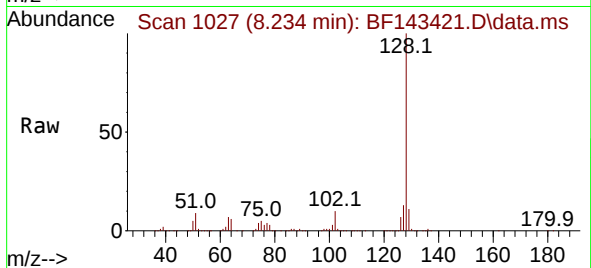
Tgt Ion:128 Resp: 1117518

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 51.056 ng

RT: 7.981 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

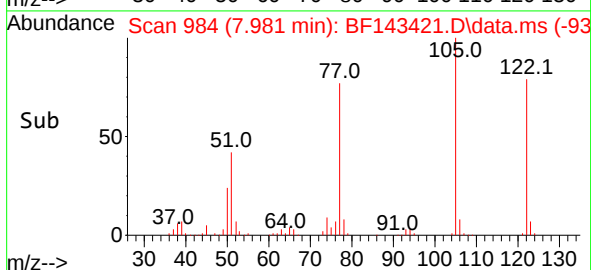
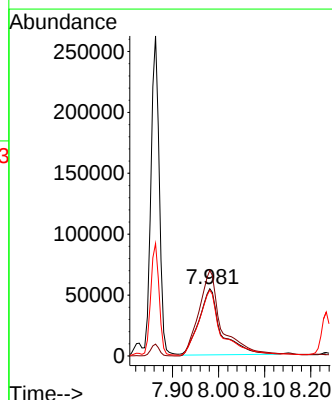
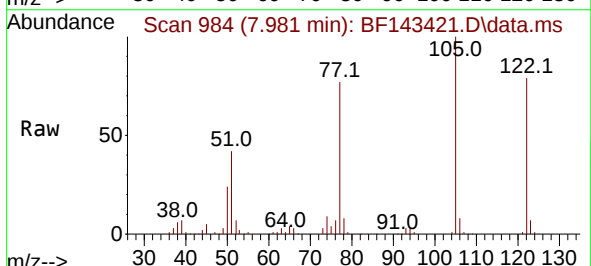
Tgt Ion:122 Resp: 182945

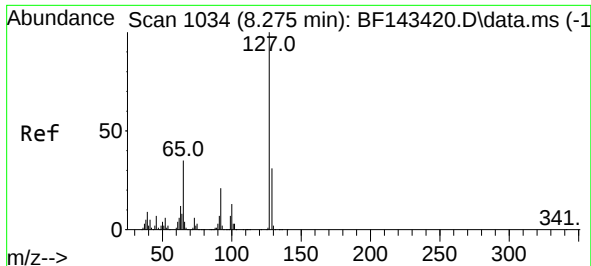
Ion Ratio Lower Upper

122 100

105 127.2 108.4 148.4

77 98.1 75.9 115.9

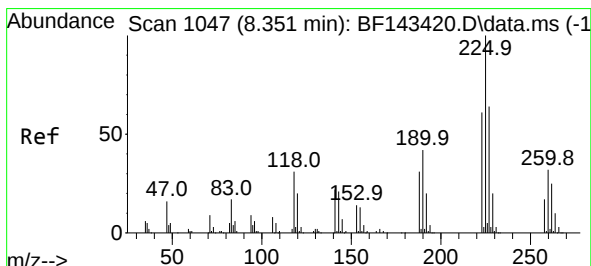
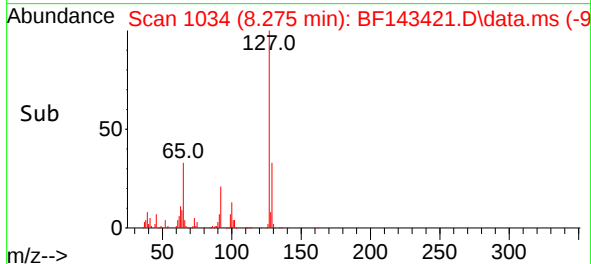
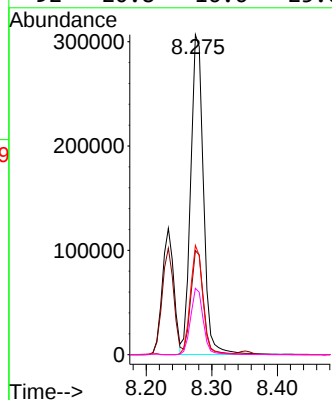
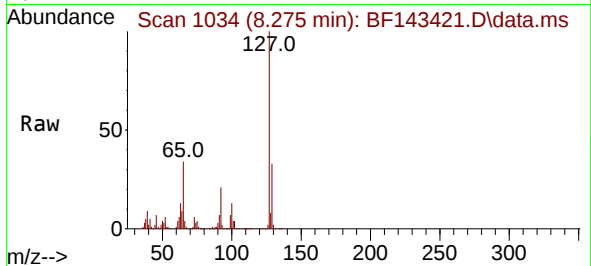




#33
4-Chloroaniline
Concen: 48.241 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

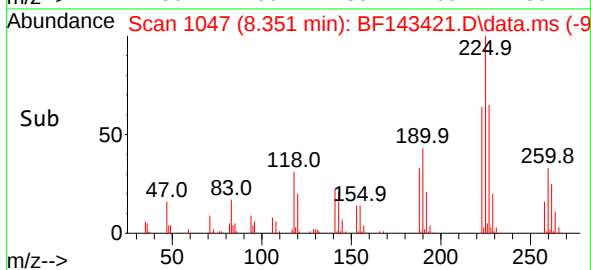
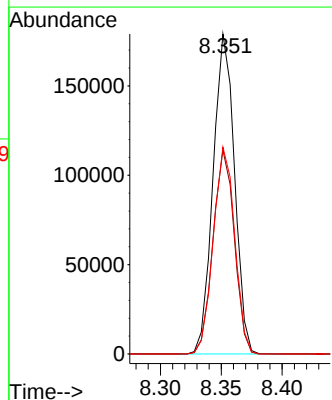
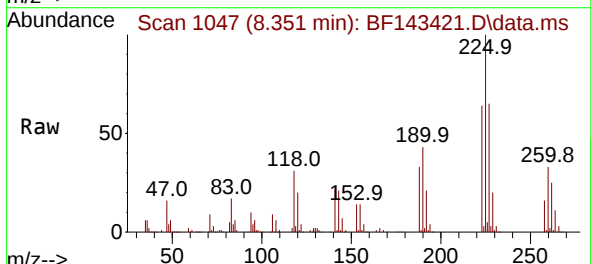
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

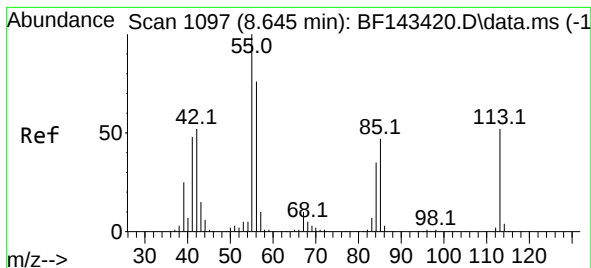
Tgt Ion:	127	Resp:	414537
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	34.1	27.2	40.8
92	20.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.427 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:	225	Resp:	218677
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.6	51.1	76.7





#35

Caprolactam

Concen: 49.321 ng

RT: 8.651 min Scan# 1098

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

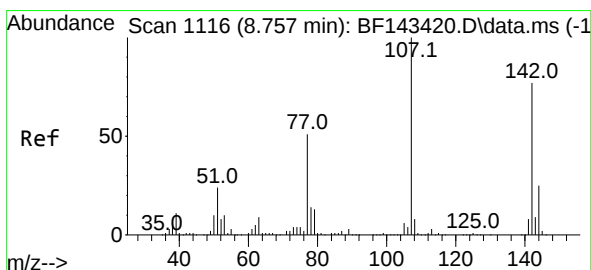
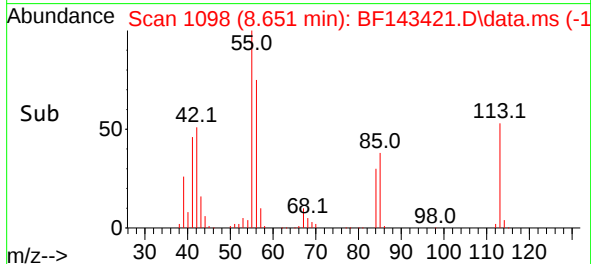
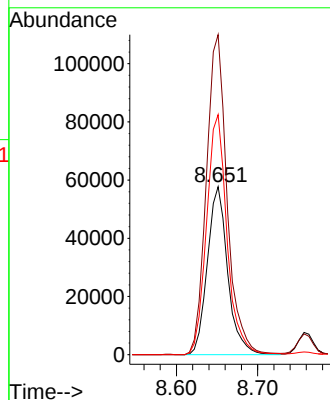
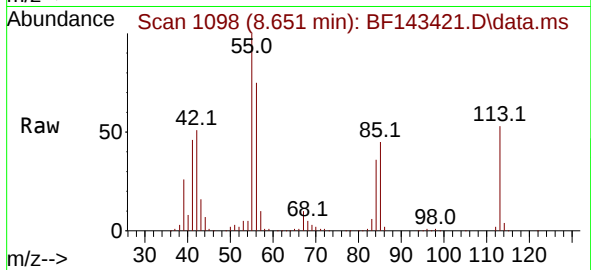
Tgt Ion:113 Resp: 100206

Ion Ratio Lower Upper

113 100

55 190.4 174.7 214.7

56 142.8 127.0 167.0



#36

4-Chloro-3-methylphenol

Concen: 48.562 ng

RT: 8.757 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

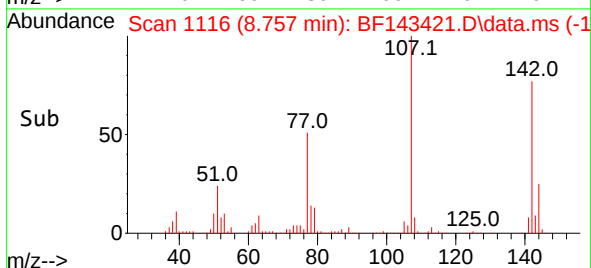
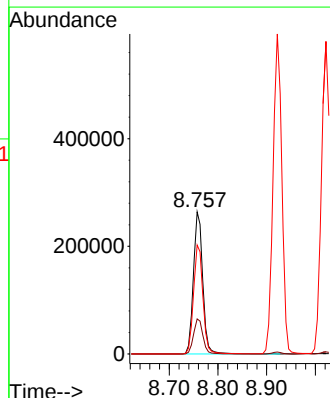
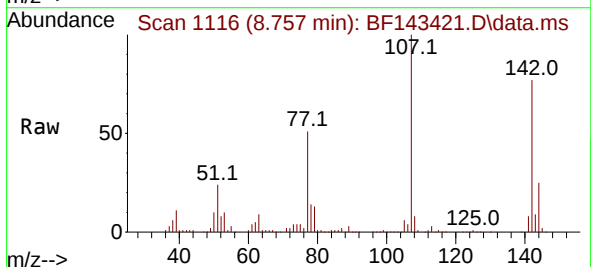
Tgt Ion:107 Resp: 352945

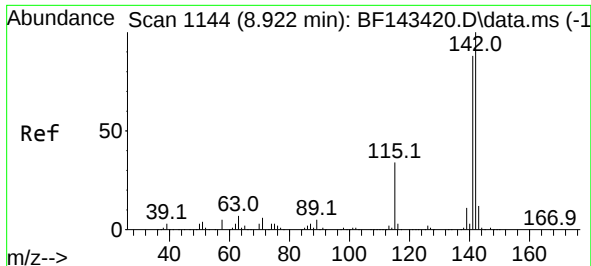
Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

142 76.7 62.0 93.0

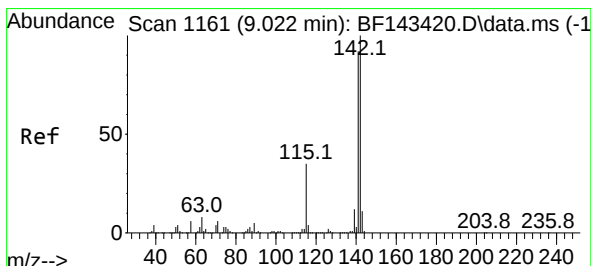
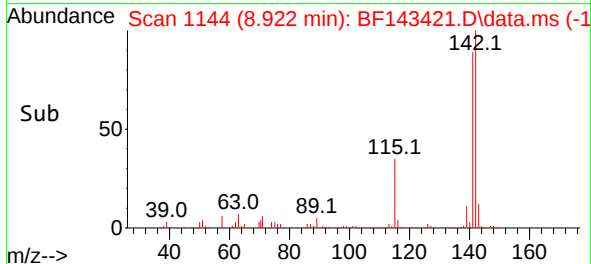
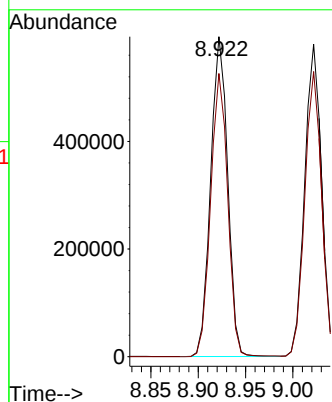
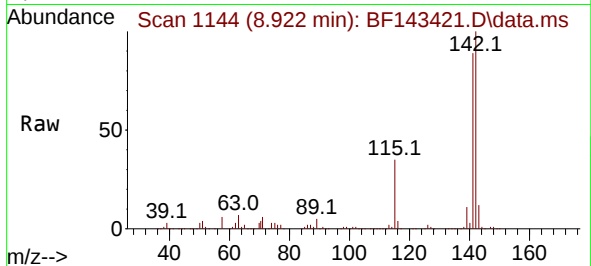




#37
2-Methylnaphthalene
Concen: 46.270 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

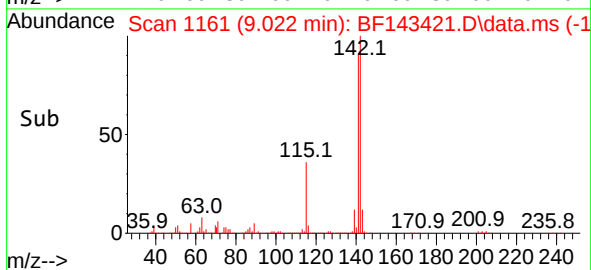
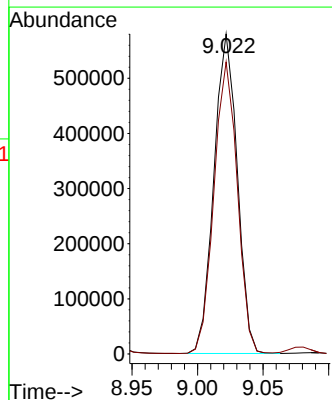
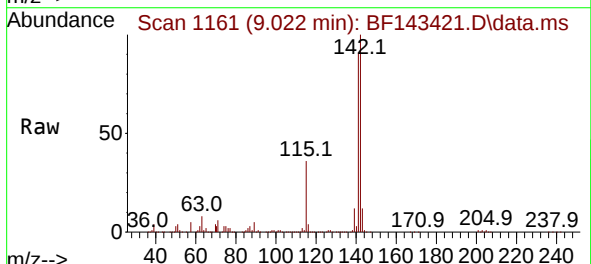
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

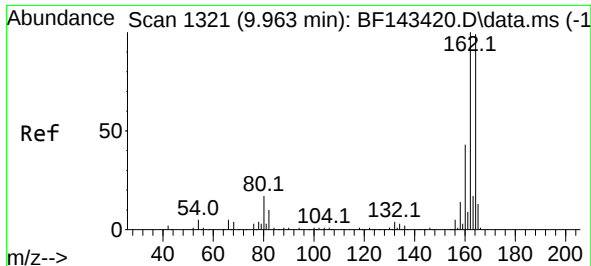
Tgt Ion:142 Resp: 742483
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



#38
1-Methylnaphthalene
Concen: 46.612 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

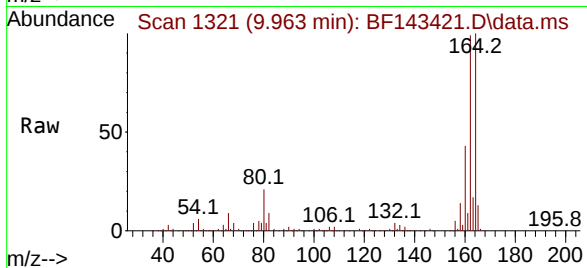
Tgt Ion:142 Resp: 716623
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6



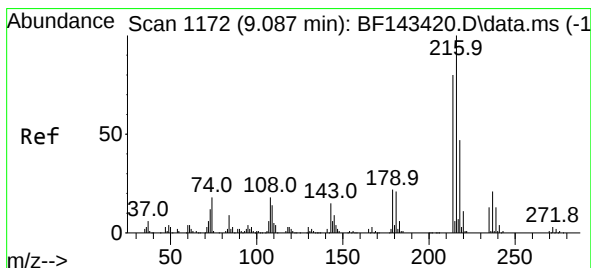
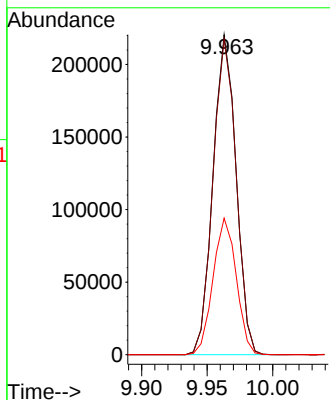
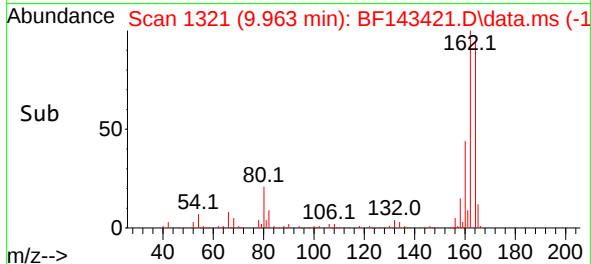


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

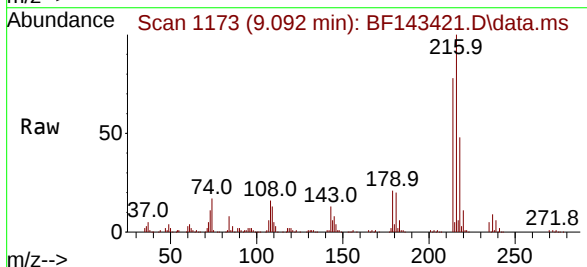
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



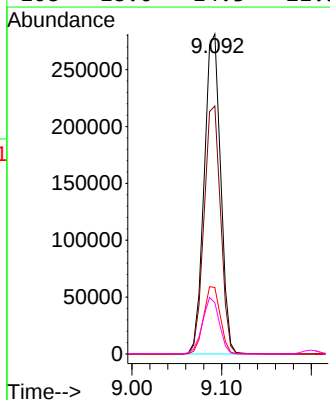
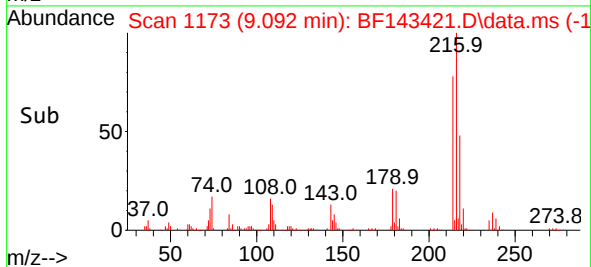
Tgt Ion:164 Resp: 269402
Ion Ratio Lower Upper
164 100
162 98.6 80.6 121.0
160 42.7 34.6 51.8

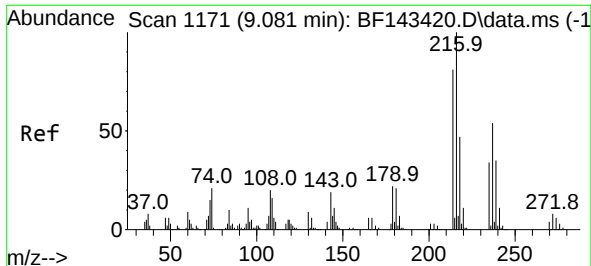


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.670 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58



Tgt Ion:216 Resp: 358160
Ion Ratio Lower Upper
216 100
214 78.1 63.7 95.5
179 21.3 17.0 25.4
108 18.0 14.3 21.5

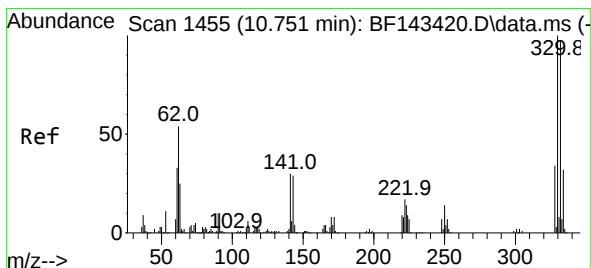
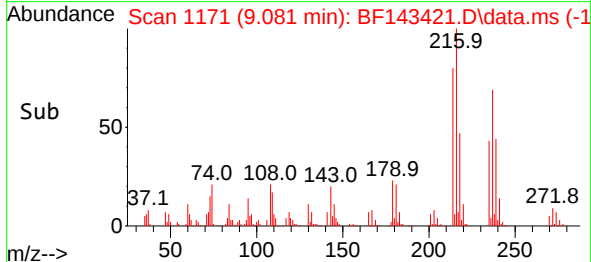
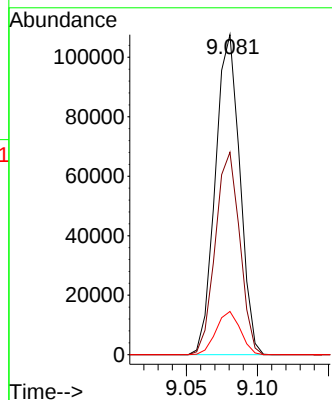
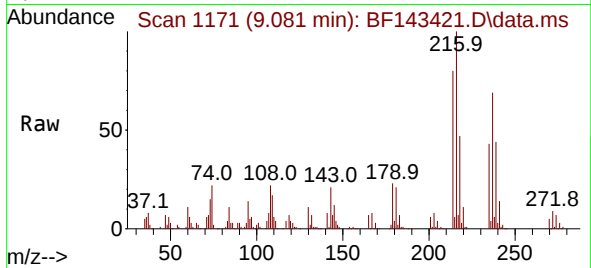




#41
Hexachlorocyclopentadiene
Concen: 49.794 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

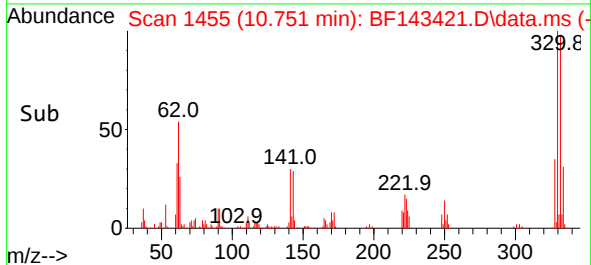
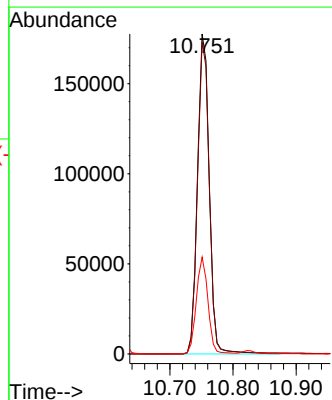
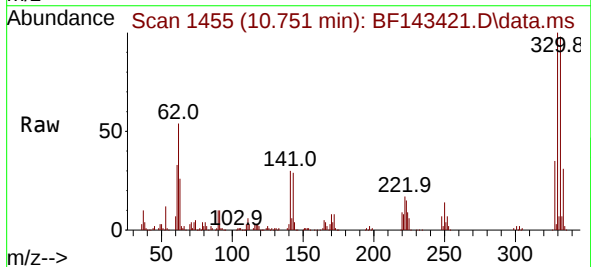
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

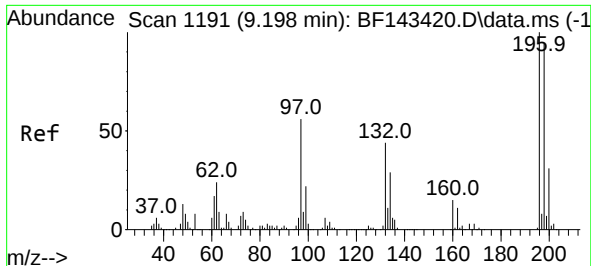
Tgt Ion:237 Resp: 129004
Ion Ratio Lower Upper
237 100
235 63.2 41.6 81.6
272 13.5 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 96.140 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:330 Resp: 230532
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 29.9 24.1 36.1

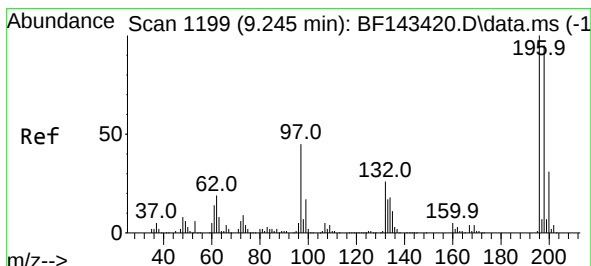
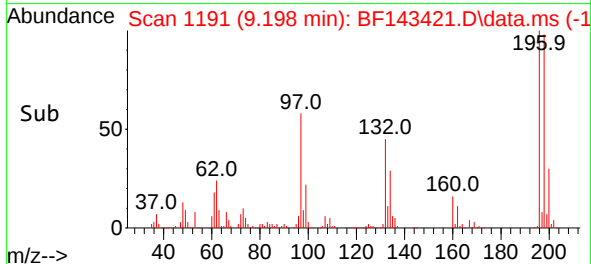
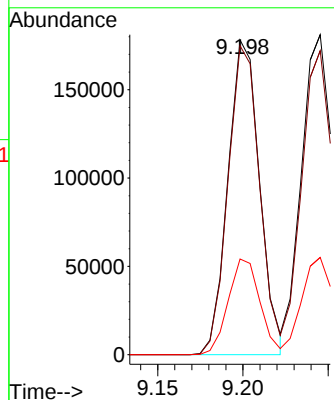
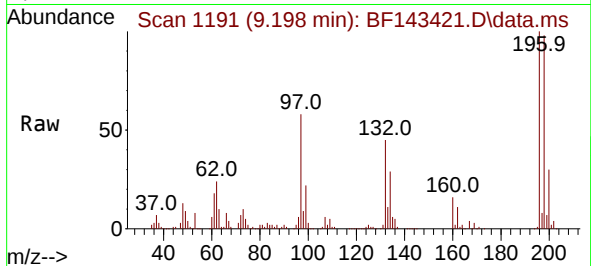




#43
2,4,6-Trichlorophenol
Concen: 49.030 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

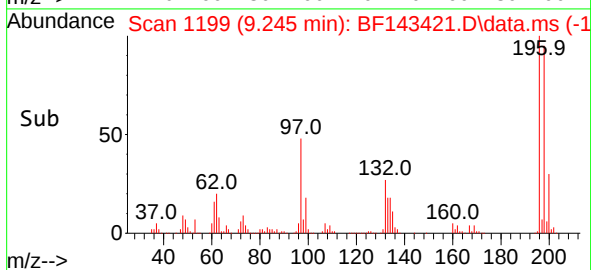
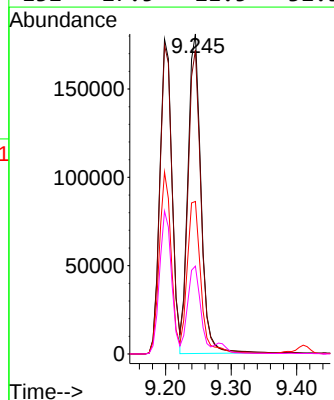
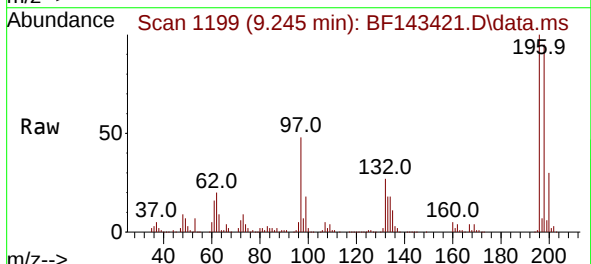
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

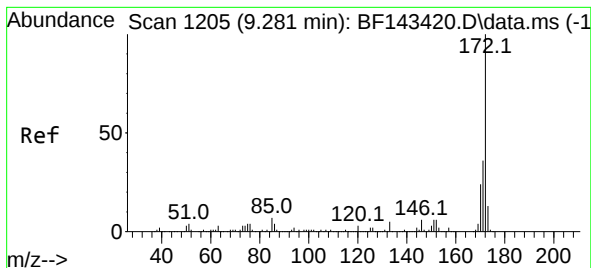
Tgt Ion:196 Resp: 229793
Ion Ratio Lower Upper
196 100
198 98.2 75.4 113.2
200 30.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 49.630 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:196 Resp: 249336
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.4
97 47.7 36.6 55.0
132 27.5 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 90.305 ng

RT: 9.287 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

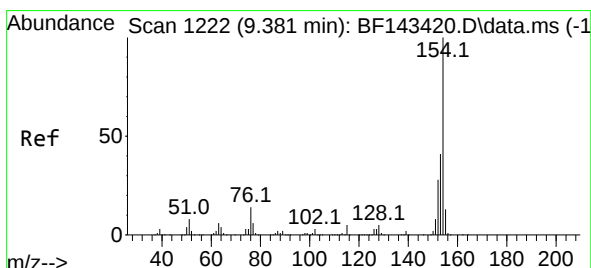
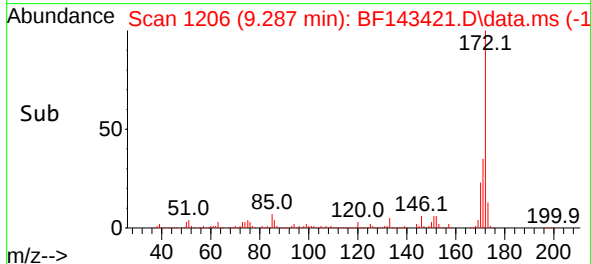
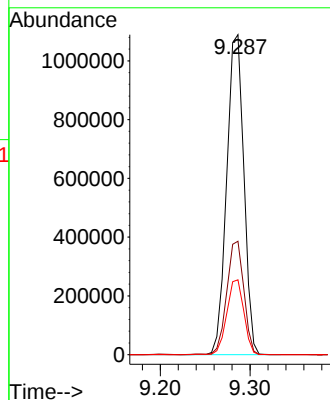
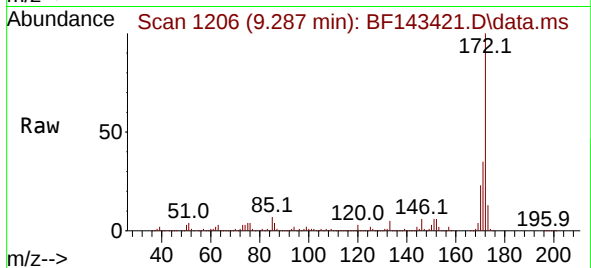
Tgt Ion:172 Resp: 1446406

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.828 ng

RT: 9.387 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

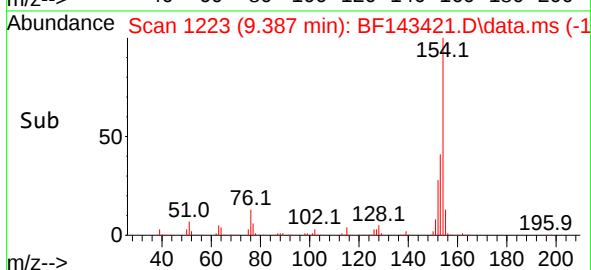
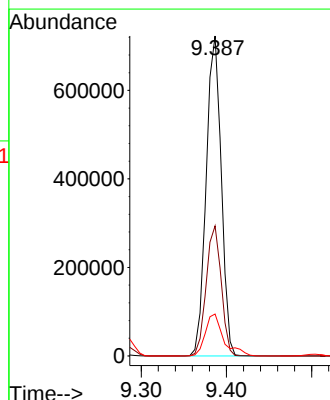
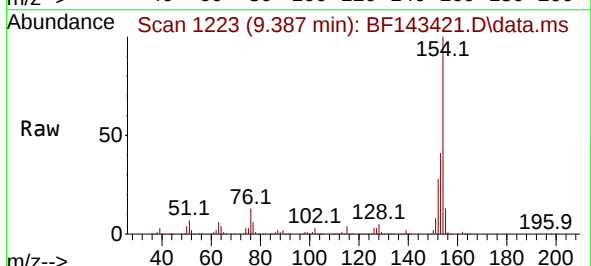
Tgt Ion:154 Resp: 886393

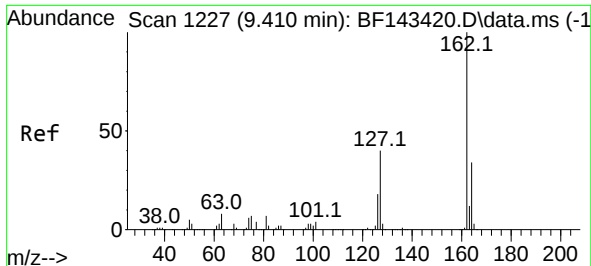
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.1 0.0 33.8

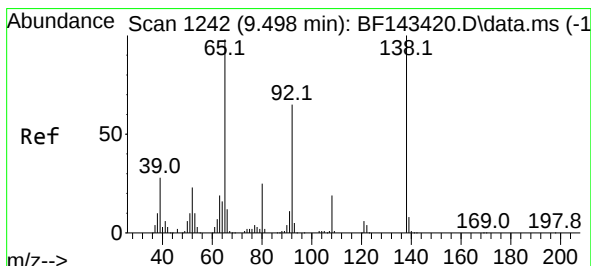
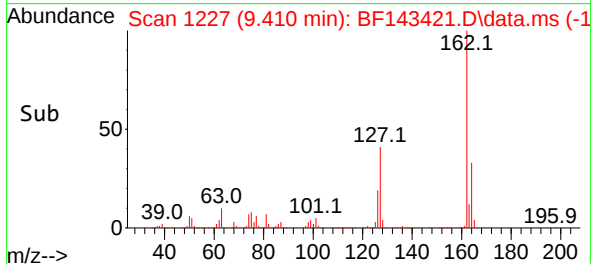
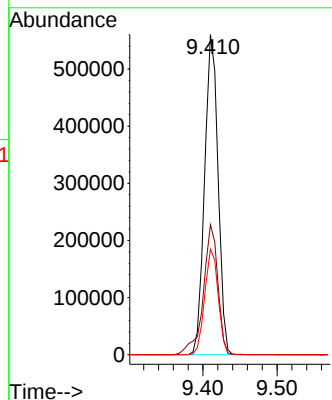
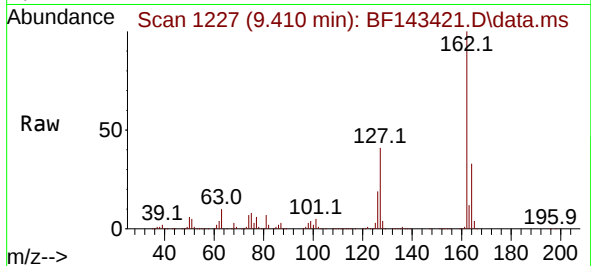




#47
2-Chloronaphthalene
Concen: 47.289 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

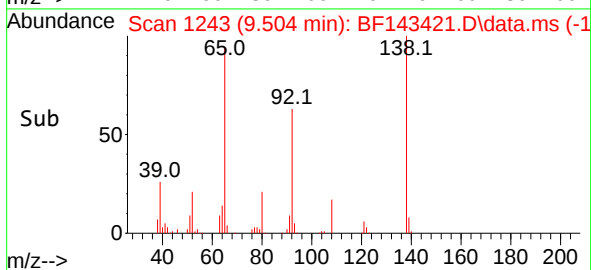
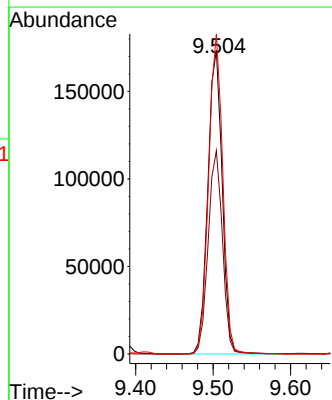
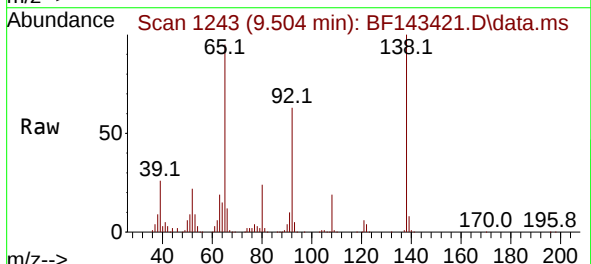
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

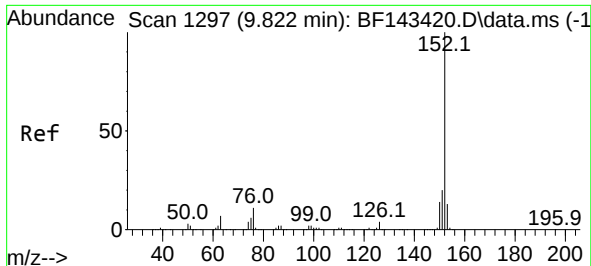
Tgt Ion:162 Resp: 706570
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.0 26.9 40.3



#48
2-Nitroaniline
Concen: 50.274 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 65 Resp: 223540
Ion Ratio Lower Upper
65 100
92 66.9 52.9 79.3
138 105.4 81.3 121.9

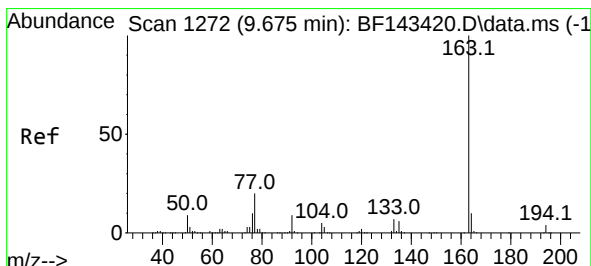
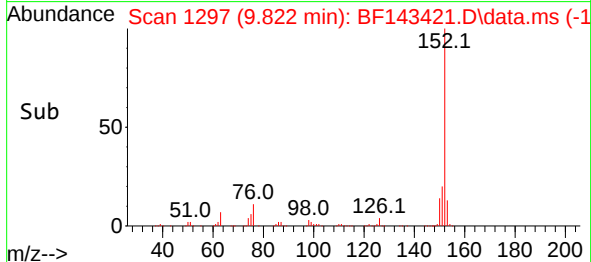
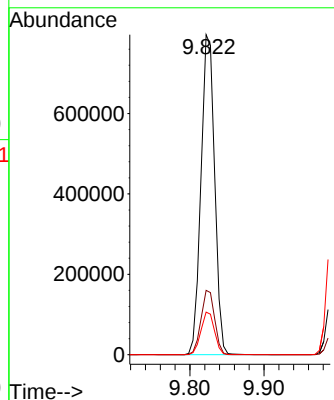
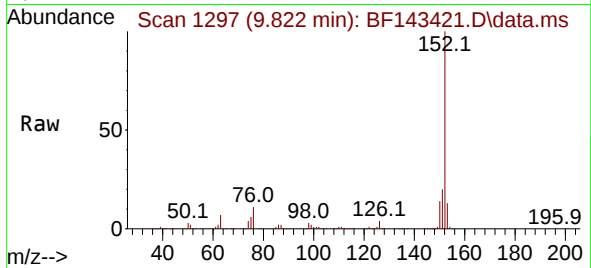




#49
Acenaphthylene
Concen: 47.421 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

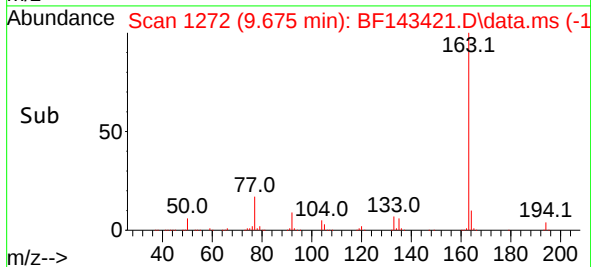
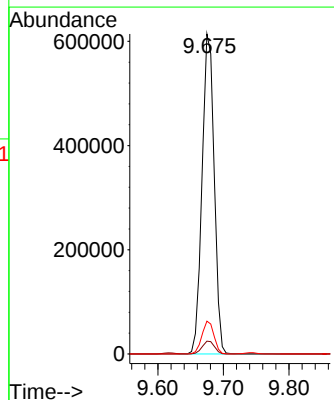
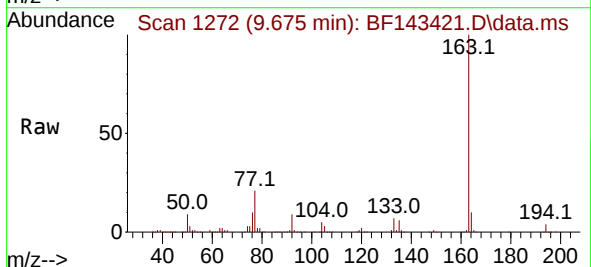
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

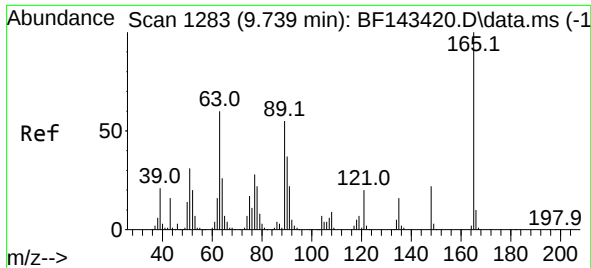
Tgt Ion:152 Resp: 1023016
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 47.261 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:163 Resp: 793803
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.4

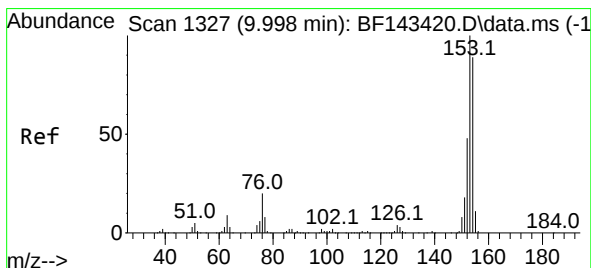
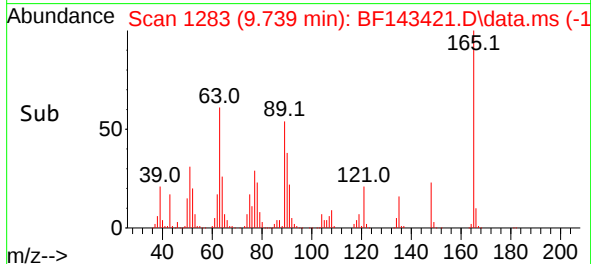
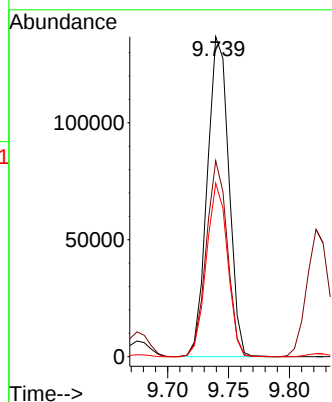
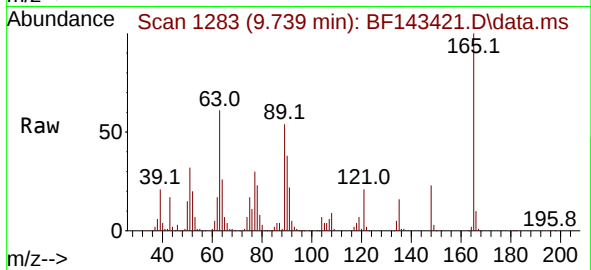




#51
2,6-Dinitrotoluene
Concen: 50.849 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

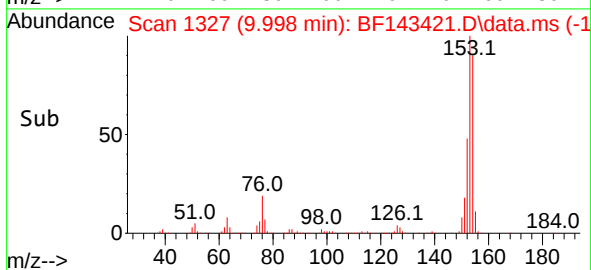
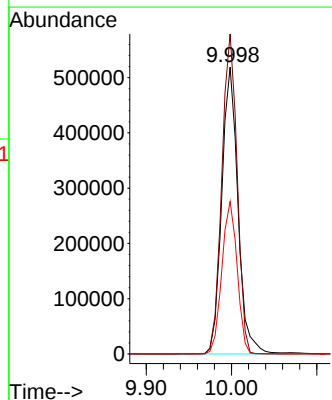
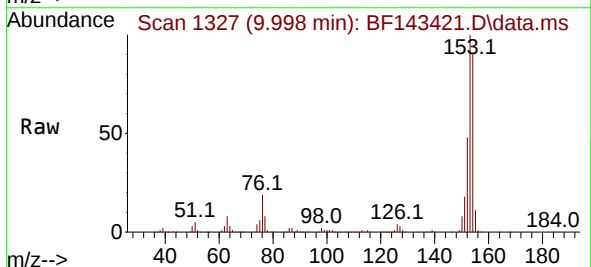
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

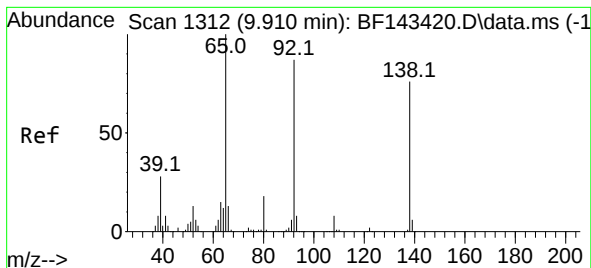
Tgt Ion:165 Resp: 168362
Ion Ratio Lower Upper
165 100
63 61.3 48.2 72.2
89 54.2 44.2 66.2



#52
Acenaphthene
Concen: 47.284 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:154 Resp: 686068
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.2 42.6 64.0





#53

3-Nitroaniline

Concen: 49.986 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

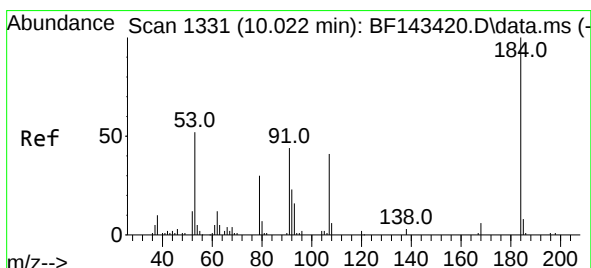
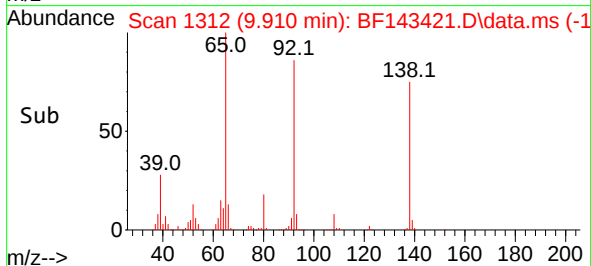
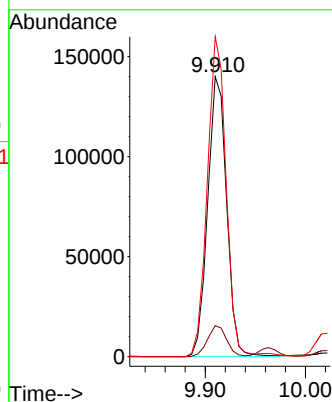
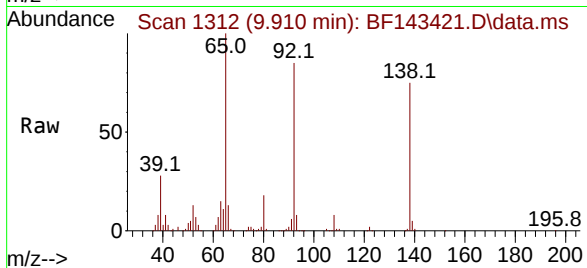
Tgt Ion:138 Resp: 184361

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

92 114.3 91.4 137.2



#54

2,4-Dinitrophenol

Concen: 47.214 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

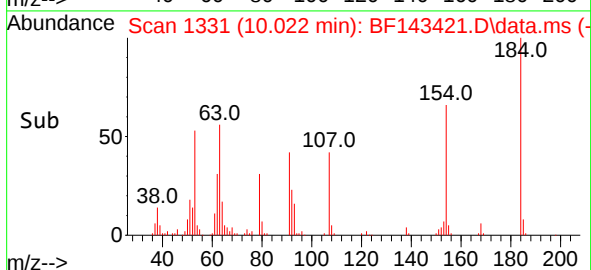
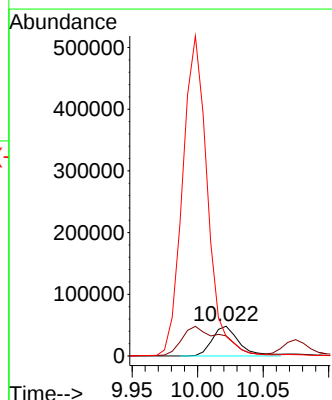
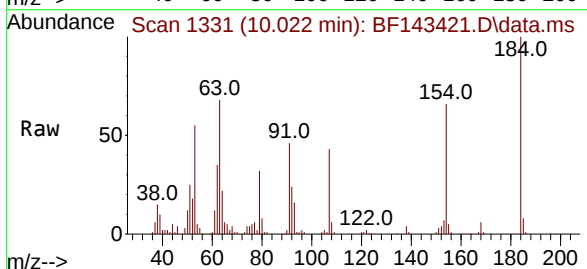
Tgt Ion:184 Resp: 68752

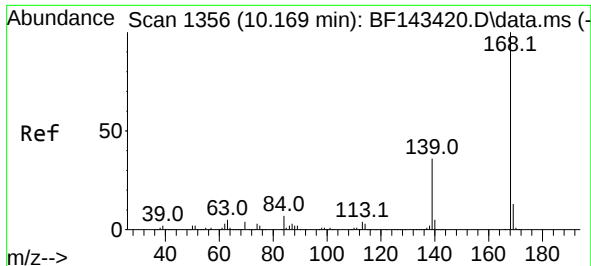
Ion Ratio Lower Upper

184 100

63 67.7 53.2 79.8

154 65.7 51.3 76.9

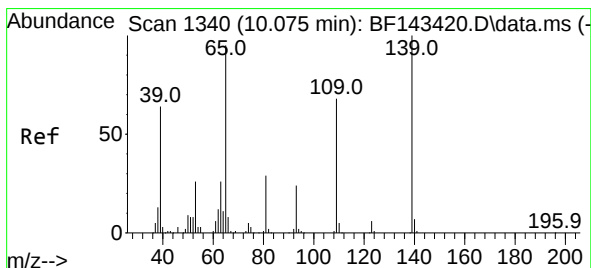
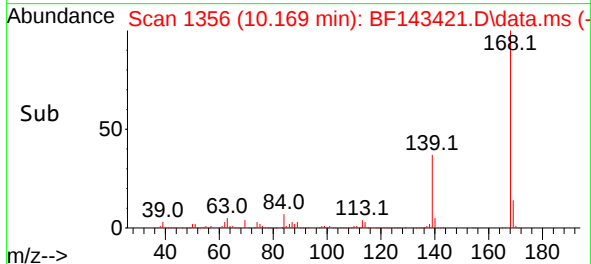
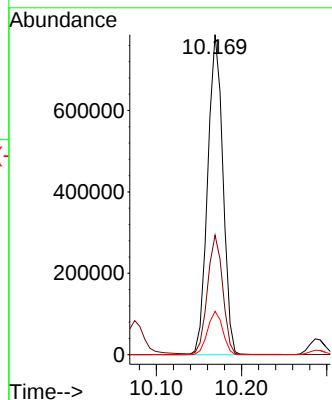
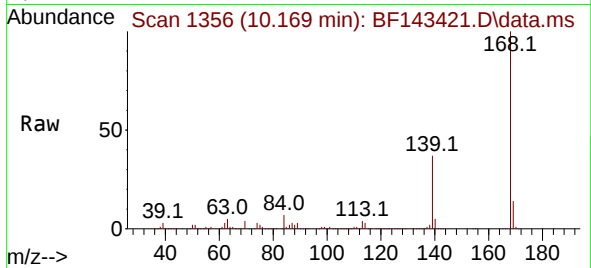




#55
Dibenzenofuran
Concen: 46.545 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

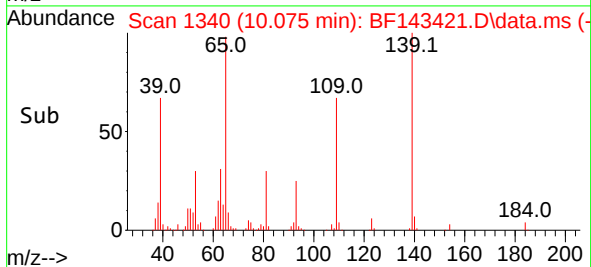
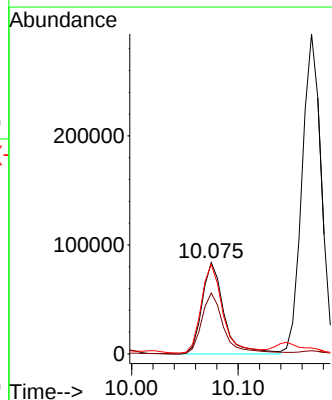
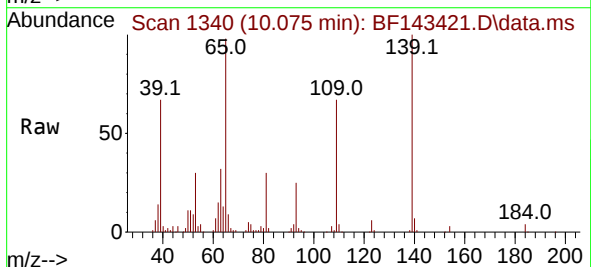
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

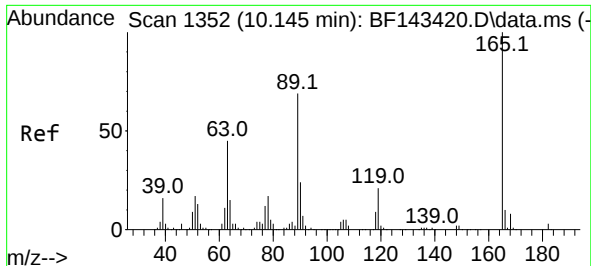
Tgt Ion:168 Resp: 974240
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 51.748 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:139 Resp: 119993
Ion Ratio Lower Upper
139 100
109 66.8 47.7 87.7
65 98.3 76.4 116.4

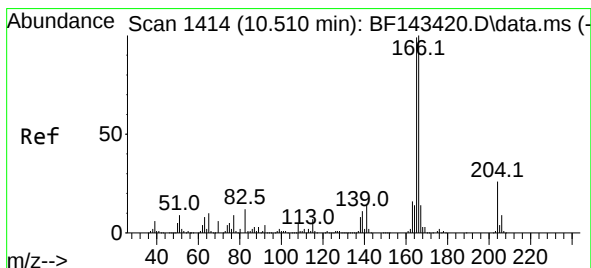
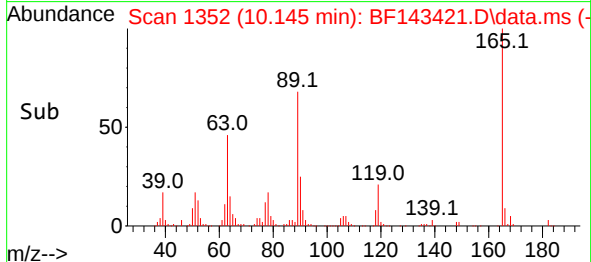
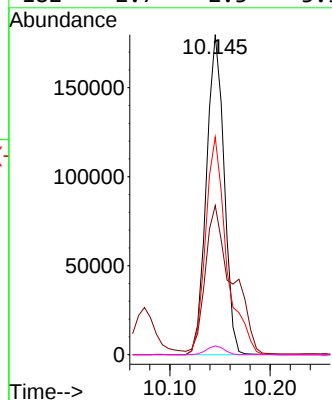
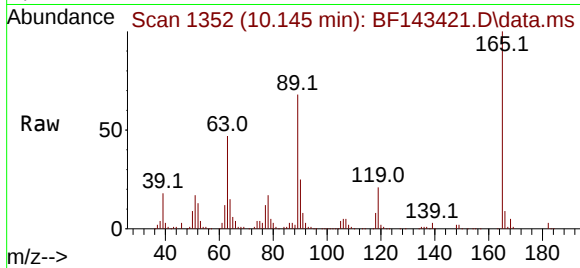




#57
2,4-Dinitrotoluene
Concen: 50.082 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

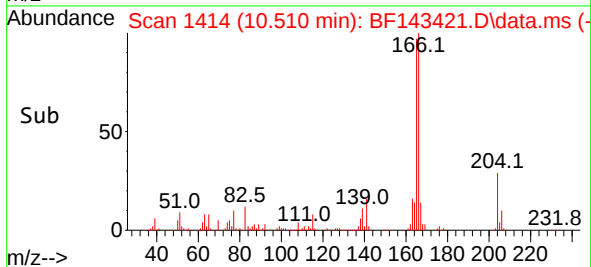
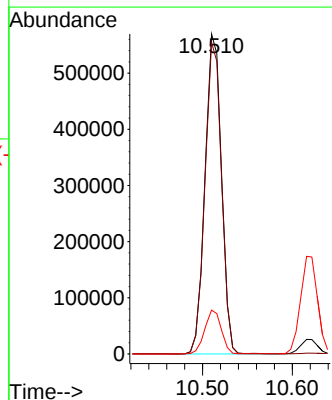
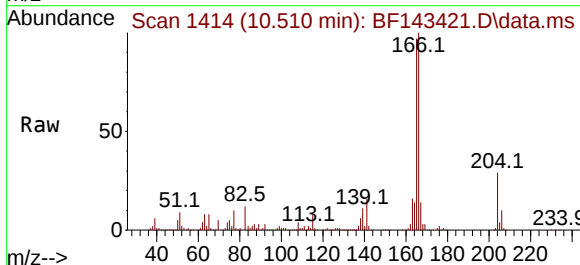
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

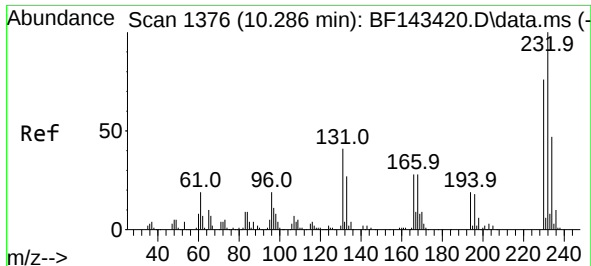
Tgt Ion:165 Resp: 221081
Ion Ratio Lower Upper
165 100
63 46.6 37.0 55.6
89 68.0 55.4 83.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 45.217 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:166 Resp: 727083
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 13.7 10.9 16.3



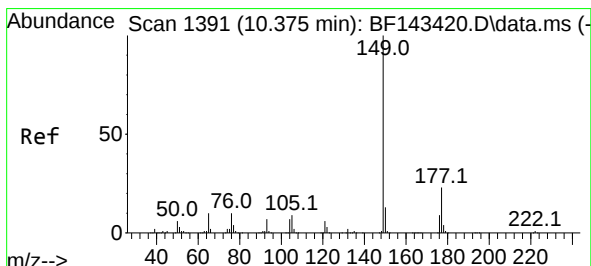
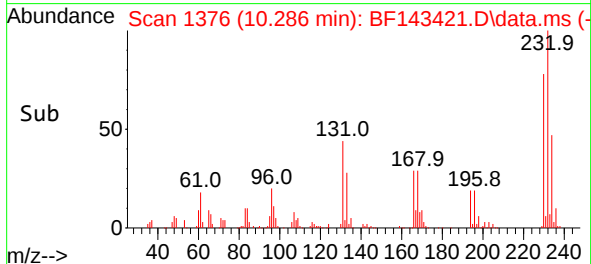
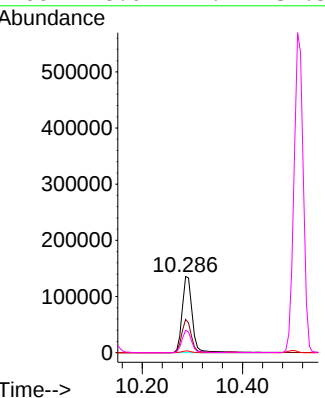
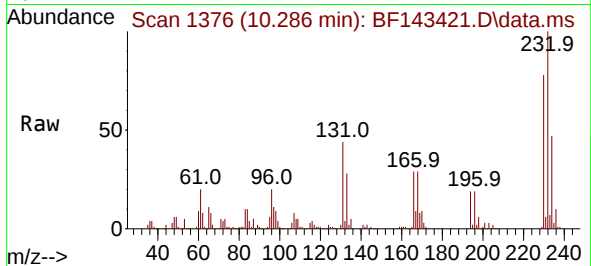


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.205 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 190929

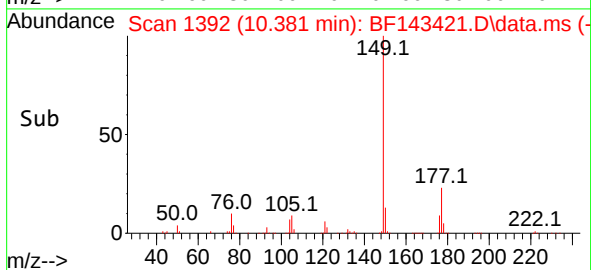
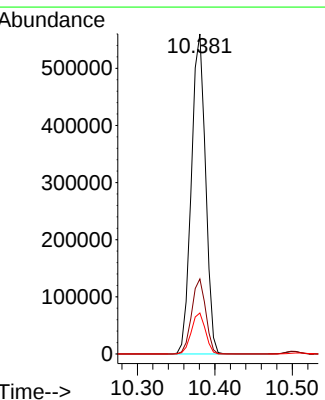
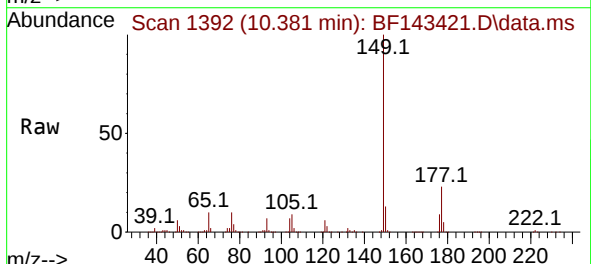
Ion	Ratio	Lower	Upper
232	100		
131	41.3	32.0	48.0
130	2.1	1.7	2.5
166	28.0	21.7	32.5

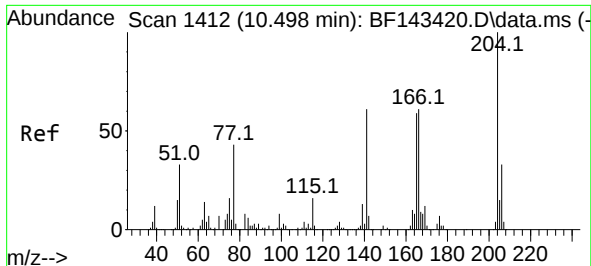


#60
Diethylphthalate
Concen: 45.793 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:149 Resp: 710763

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.4
150	12.8	10.1	15.1

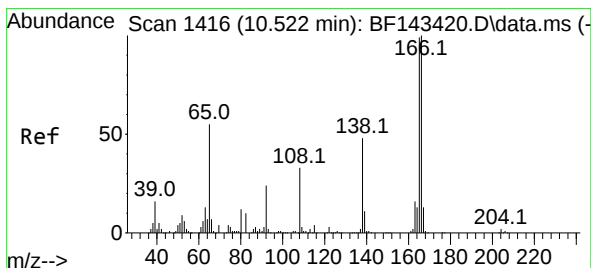
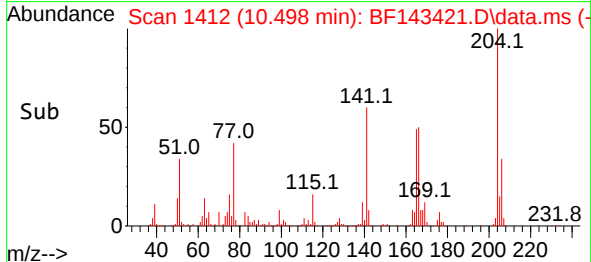
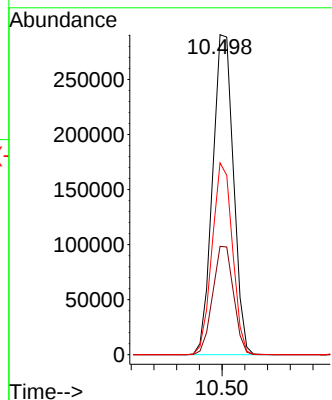
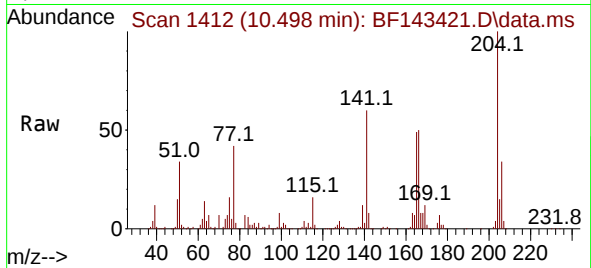




#61
4-Chlorophenyl-phenylether
Concen: 46.681 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

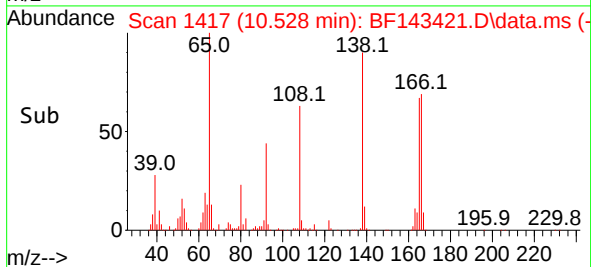
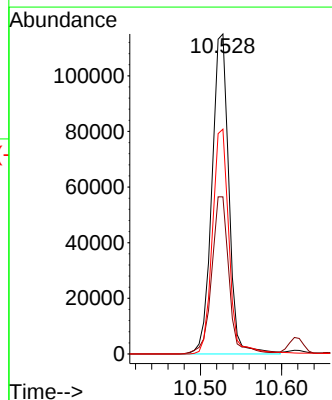
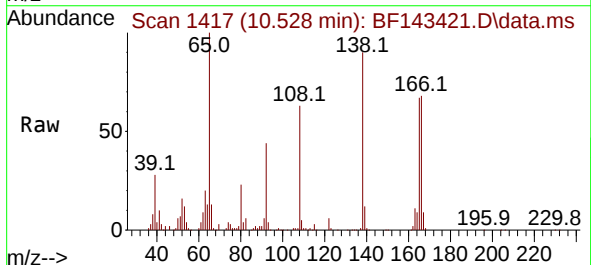
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

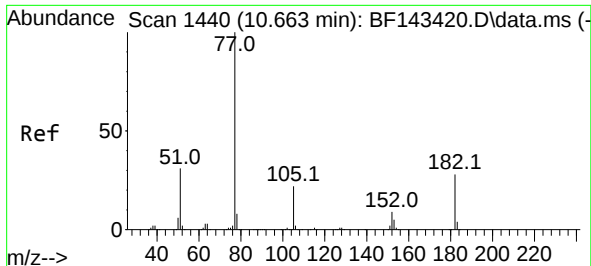
Tgt Ion:204 Resp: 371115
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 60.0 49.0 73.4



#62
4-Nitroaniline
Concen: 48.306 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:138 Resp: 166617
Ion Ratio Lower Upper
138 100
92 49.1 29.4 69.4
108 70.2 48.6 88.6

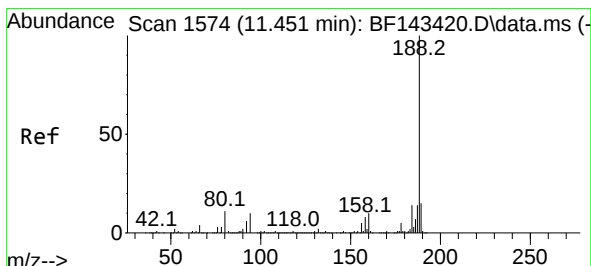
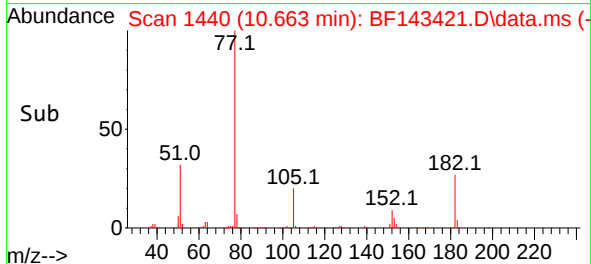
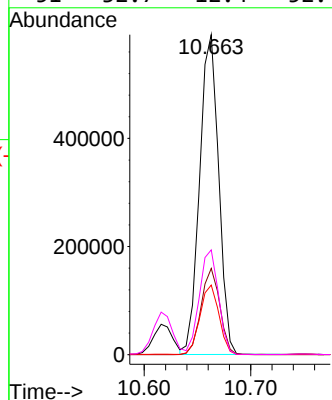
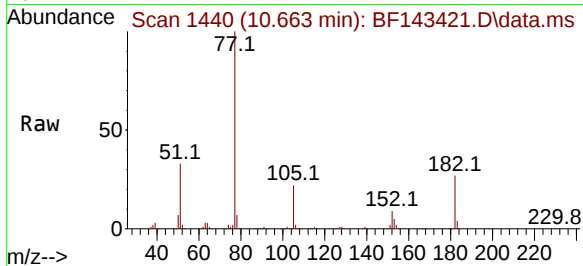




#63
Azobenzene
Concen: 46.957 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

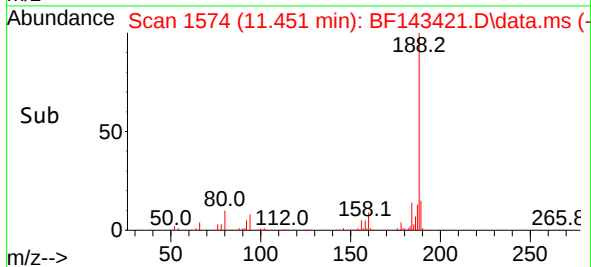
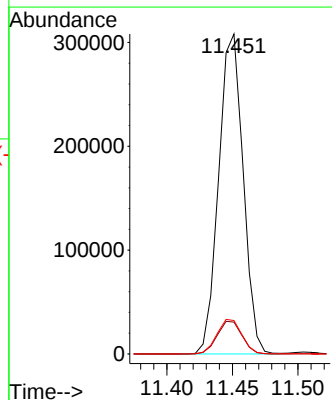
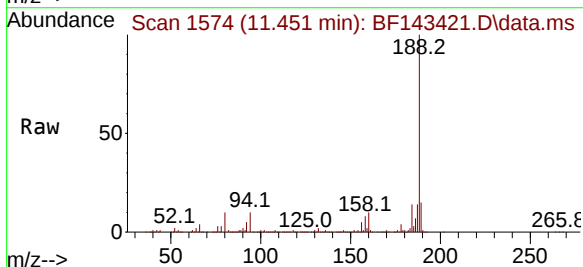
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

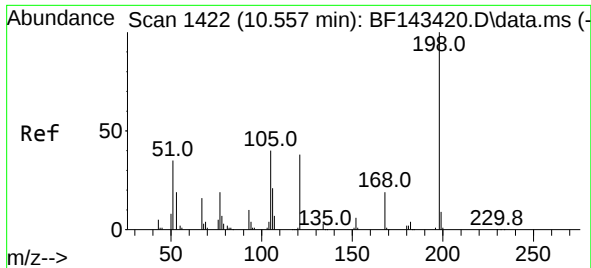
Tgt Ion: 77	Resp: 736604
Ion Ratio	Lower Upper
77 100	
182 27.0	7.4 47.4
105 21.8	1.7 41.7
51 32.7	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:188	Resp: 399933
Ion Ratio	Lower Upper
188 100	
94 9.9	8.0 12.0
80 10.4	8.6 12.8

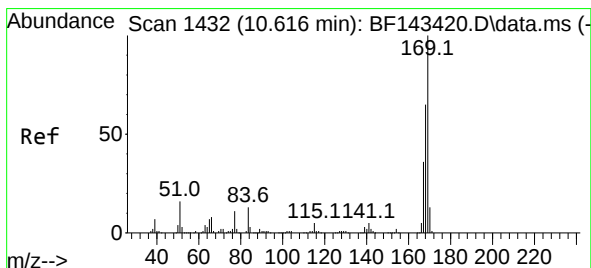
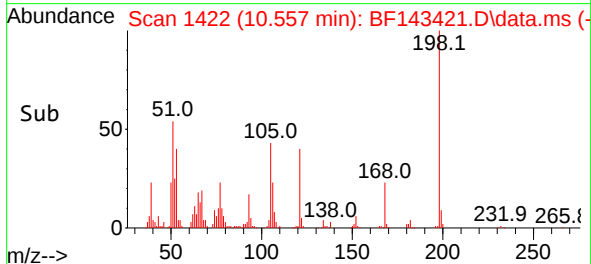
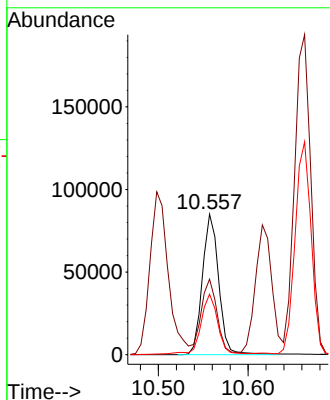
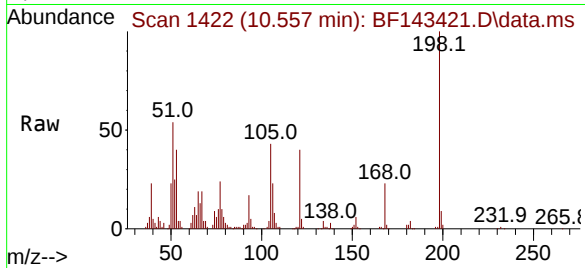




#65
4,6-Dinitro-2-methylphenol
Concen: 51.921 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

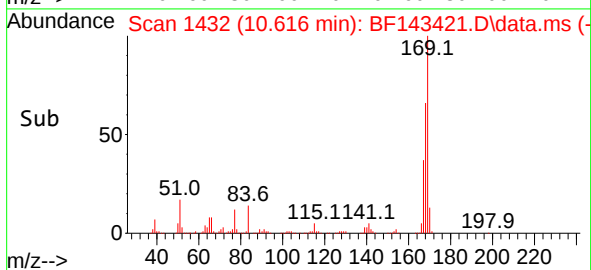
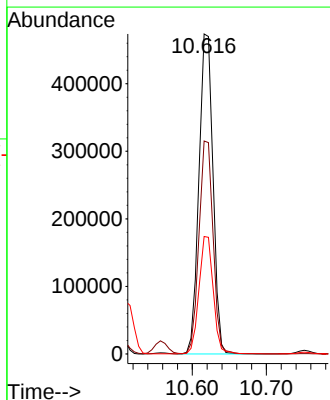
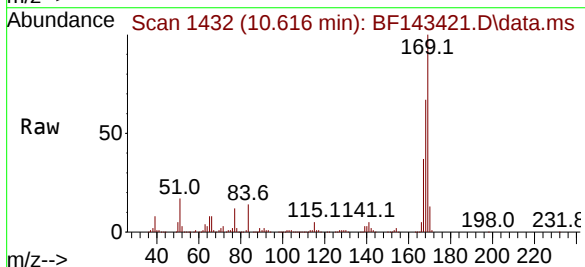
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

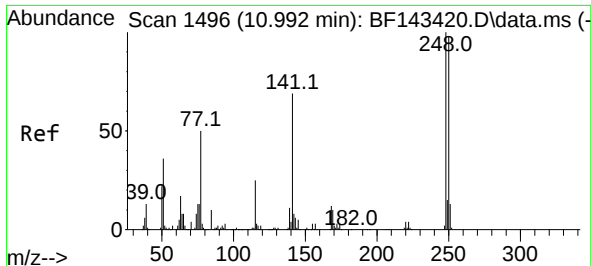
Tgt Ion:198 Resp: 107140
Ion Ratio Lower Upper
198 100
51 53.8 31.2 71.2
105 43.1 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 47.953 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:169 Resp: 623583
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.7 28.6 42.8

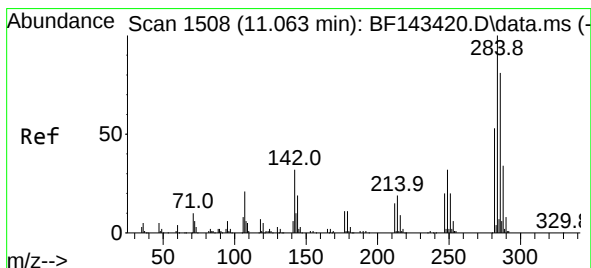
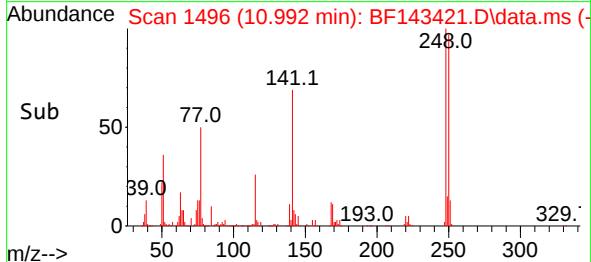
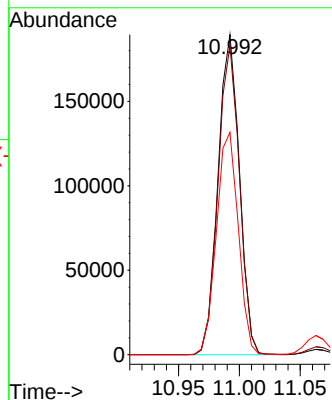
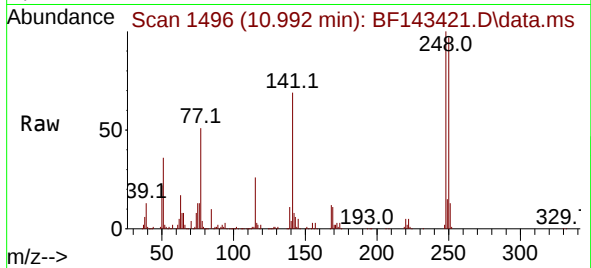




#67
4-Bromophenyl-phenylether
Concen: 49.109 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

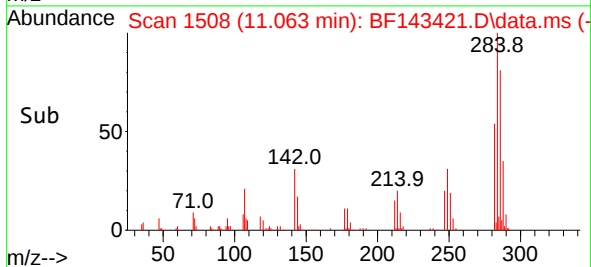
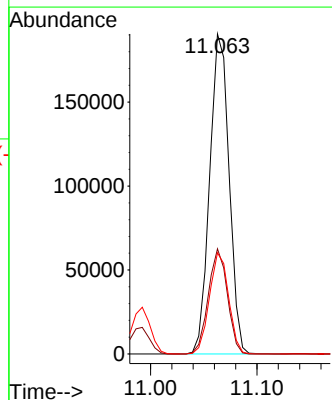
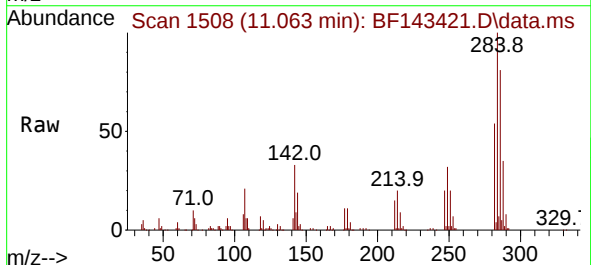
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

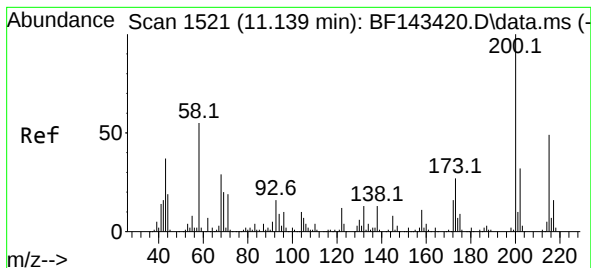
Tgt Ion:248 Resp: 231927
Ion Ratio Lower Upper
248 100
250 96.7 78.6 118.0
141 69.5 54.9 82.3



#68
Hexachlorobenzene
Concen: 48.135 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:284 Resp: 241672
Ion Ratio Lower Upper
284 100
142 32.9 25.4 38.2
249 31.6 25.4 38.0





#69

Atrazine

Concen: 48.552 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

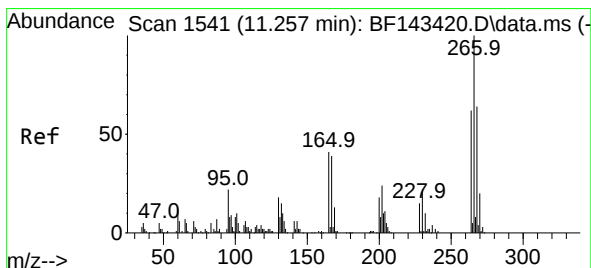
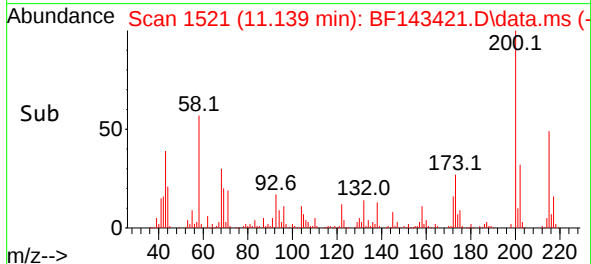
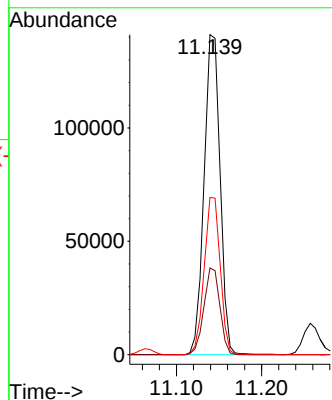
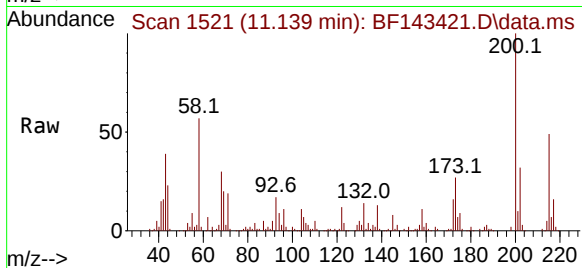
Tgt Ion:200 Resp: 184670

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 49.2 29.5 69.5



#70

Pentachlorophenol

Concen: 52.337 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

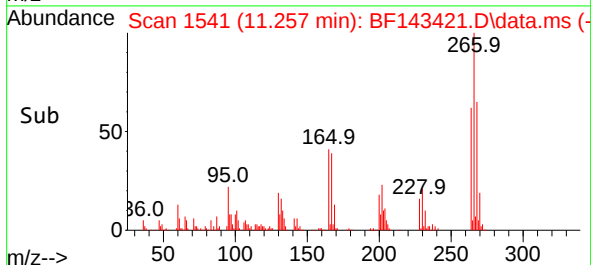
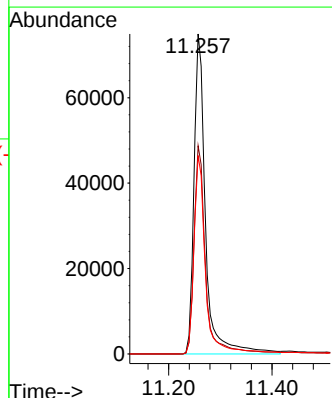
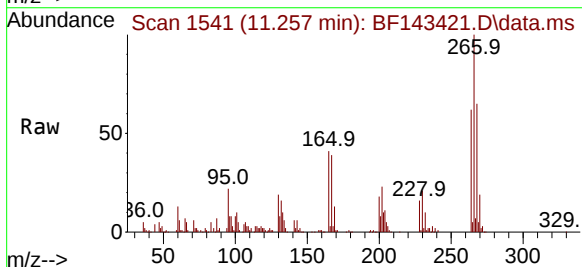
Tgt Ion:266 Resp: 116662

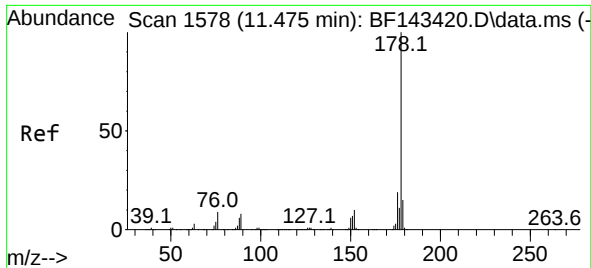
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

264 62.0 49.3 73.9

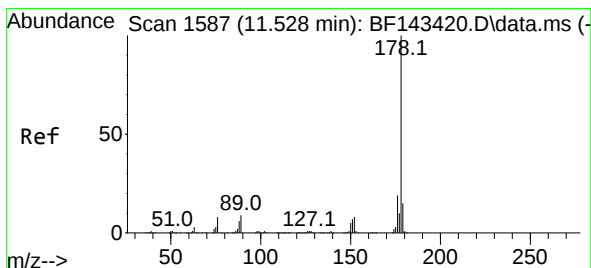
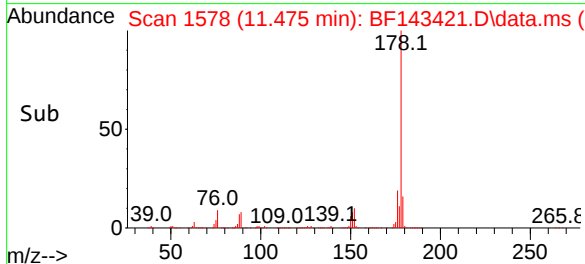
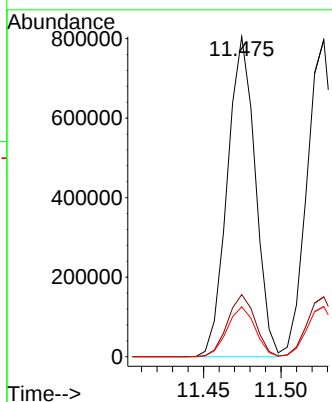
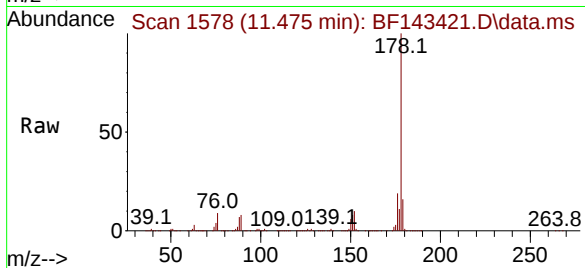




#71
Phenanthrene
Concen: 46.525 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

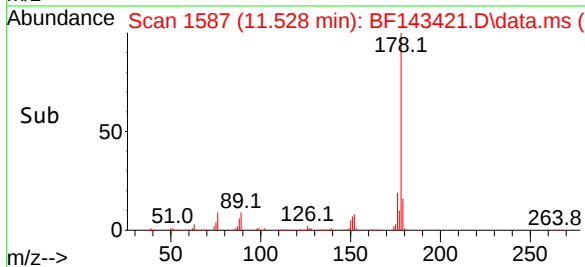
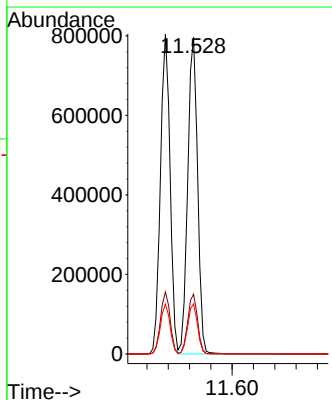
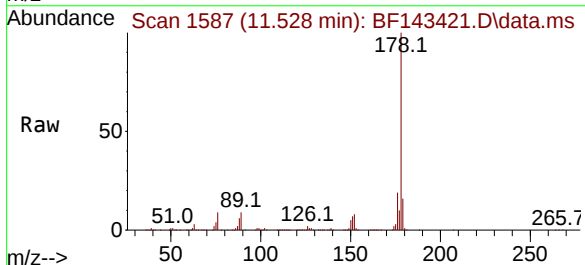
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

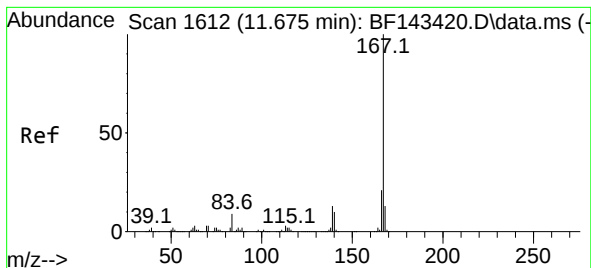
Tgt Ion:178 Resp: 1007589
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 46.817 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:178 Resp: 1024065
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4





#73

Carbazole

Concen: 45.888 ng

RT: 11.675 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

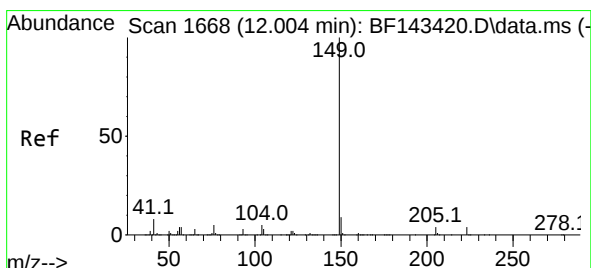
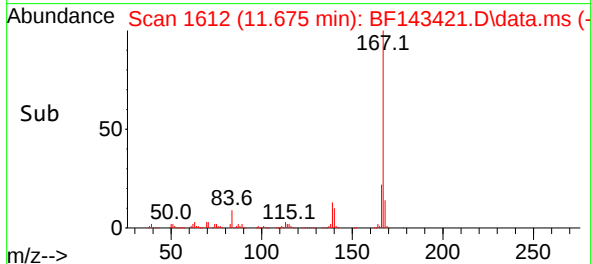
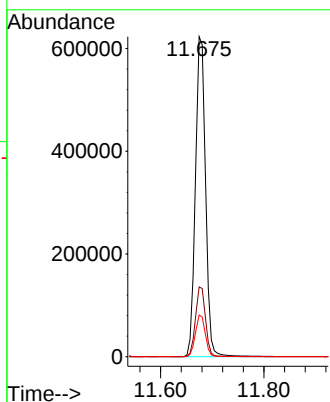
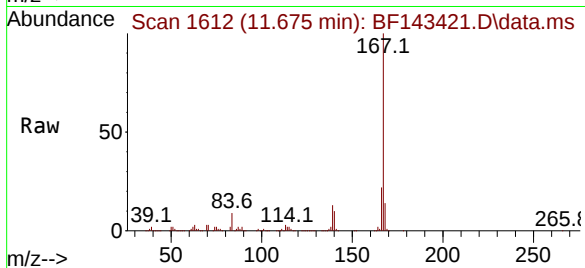
Tgt Ion:167 Resp: 848940

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 46.180 ng

RT: 12.004 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

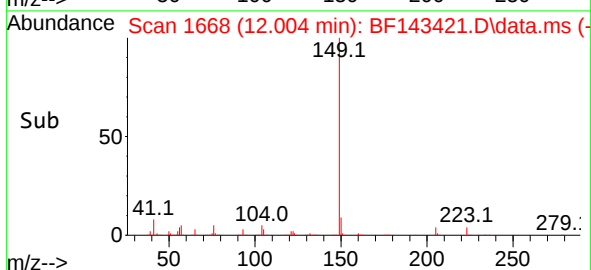
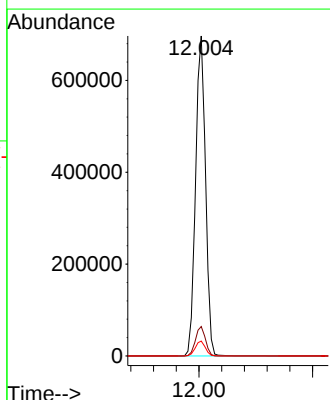
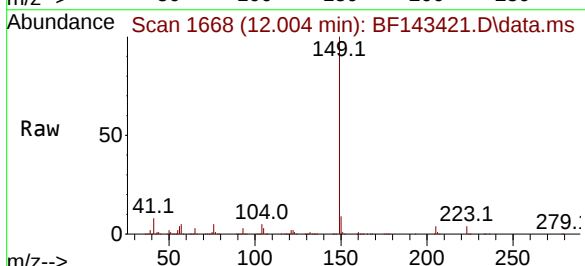
Tgt Ion:149 Resp: 850780

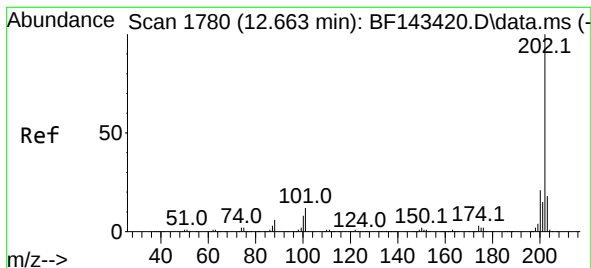
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 43.866 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

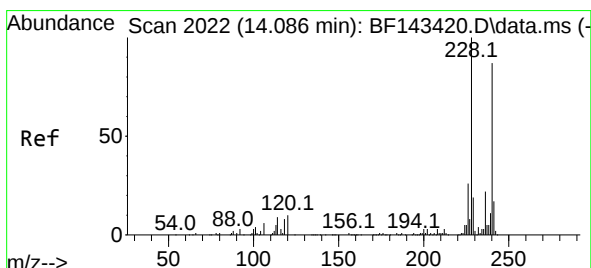
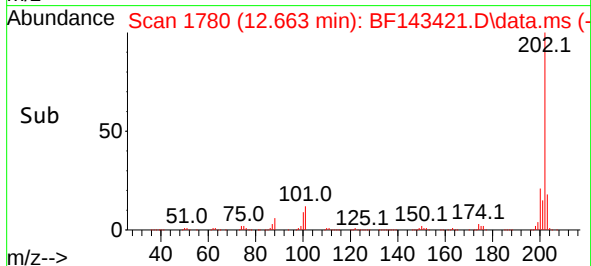
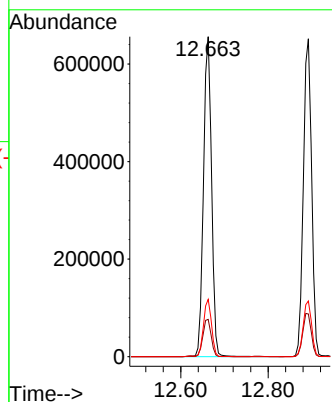
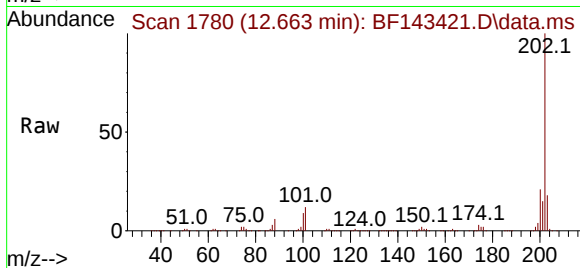
Tgt Ion:202 Resp: 844131

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

203 17.9 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: BF143421.D

Acq: 15 Aug 2025 16:58

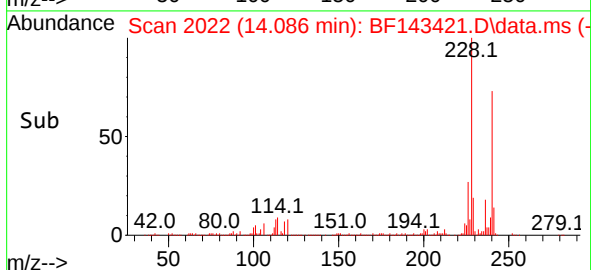
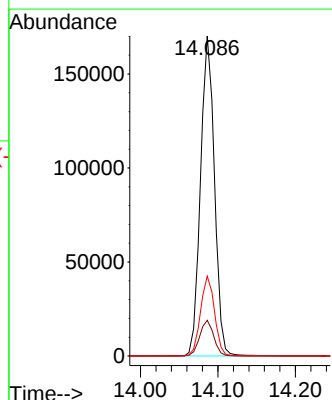
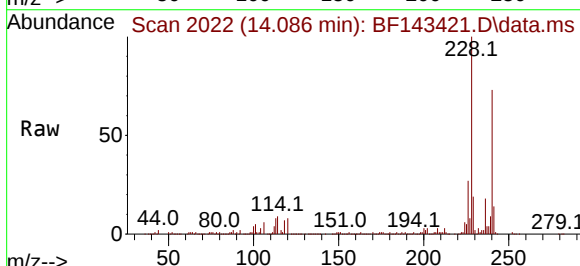
Tgt Ion:240 Resp: 212755

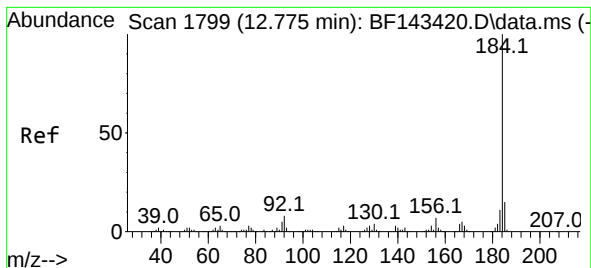
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.0 20.2 30.2





#77

Benzidine

Concen: 43.448 ng

RT: 12.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

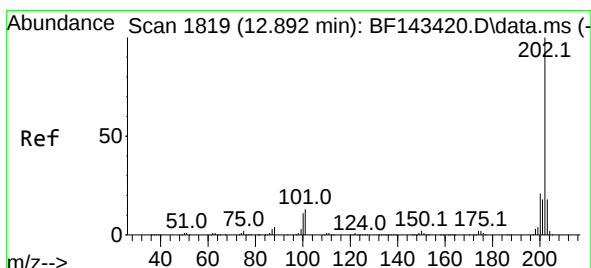
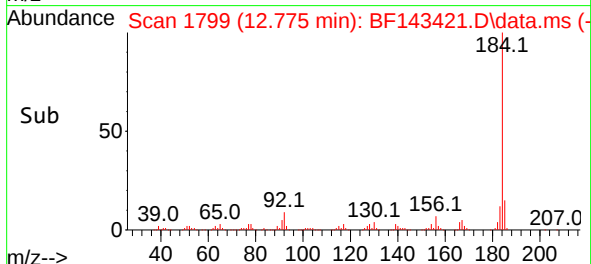
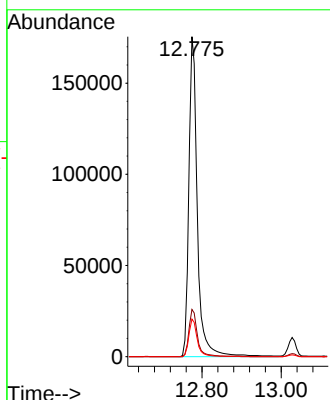
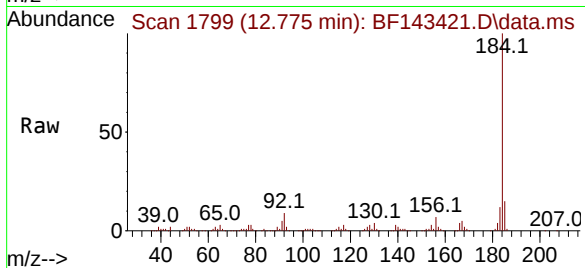
Tgt Ion:184 Resp: 261682

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

183 11.7 9.2 13.8



#78

Pyrene

Concen: 45.913 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

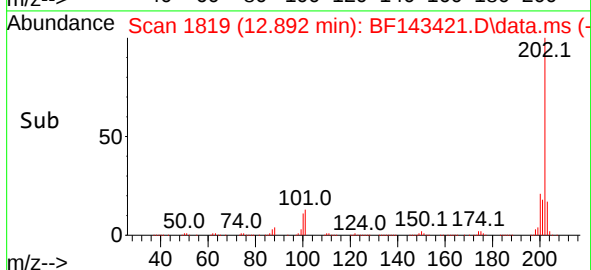
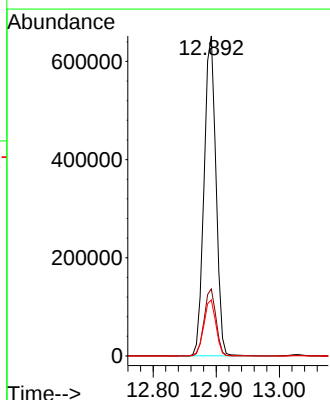
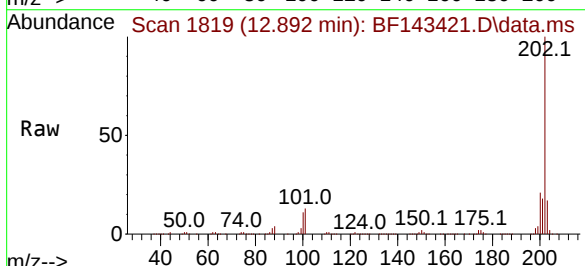
Tgt Ion:202 Resp: 849028

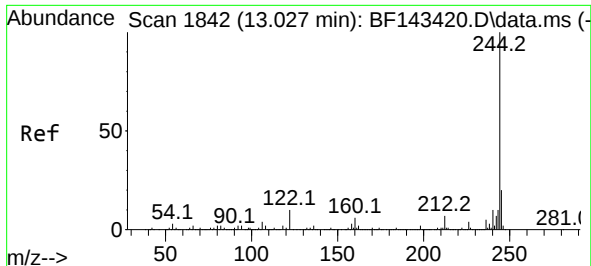
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.5 14.2 21.2

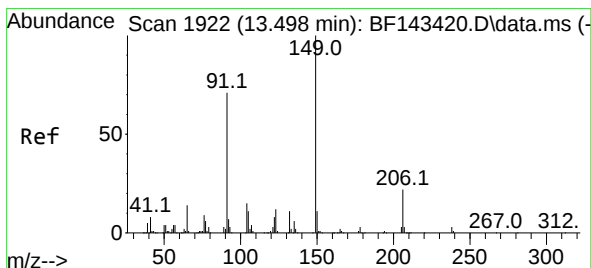
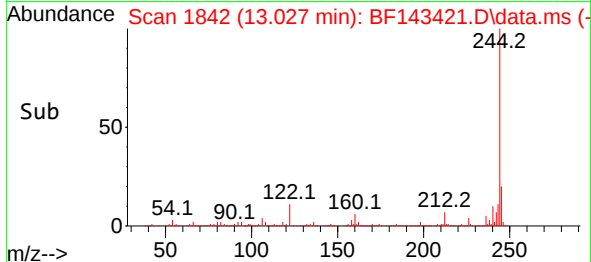
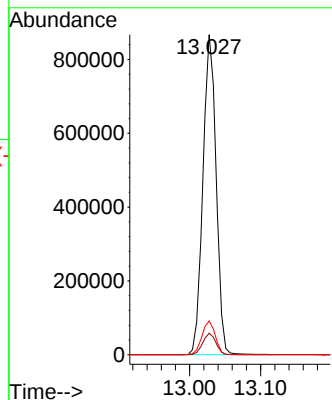
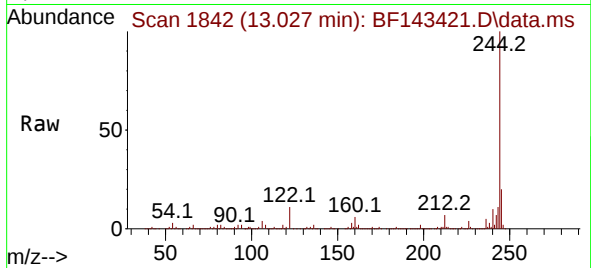




#79
 Terphenyl-d14
 Concen: 88.761 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143421.D
 Acq: 15 Aug 2025 16:58

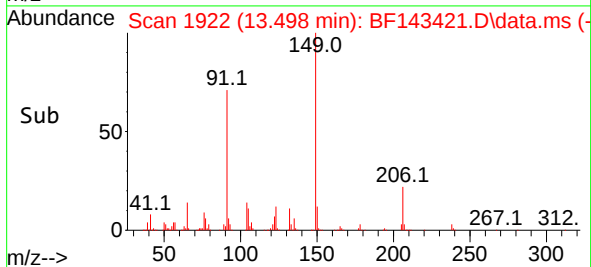
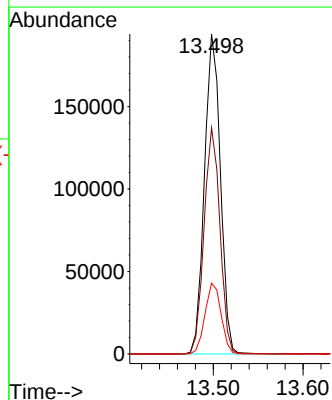
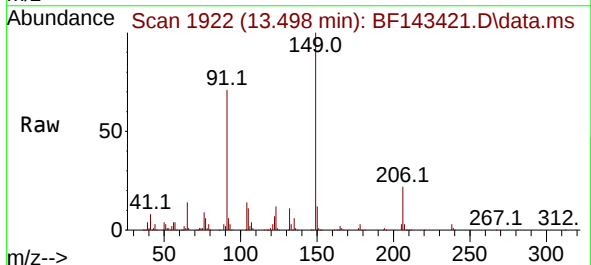
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

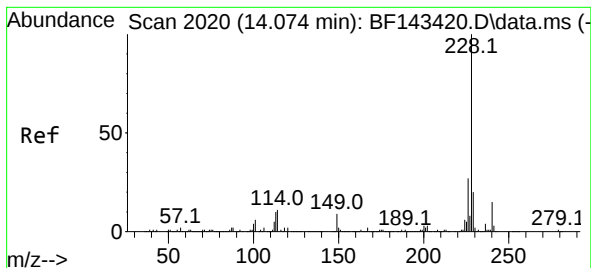
Tgt Ion:244 Resp: 1124159
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 52.286 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143421.D
 Acq: 15 Aug 2025 16:58

Tgt Ion:149 Resp: 239484
 Ion Ratio Lower Upper
 149 100
 91 70.6 57.0 85.4
 206 22.1 17.6 26.4





#81

Benzo(a)anthracene

Concen: 47.587 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

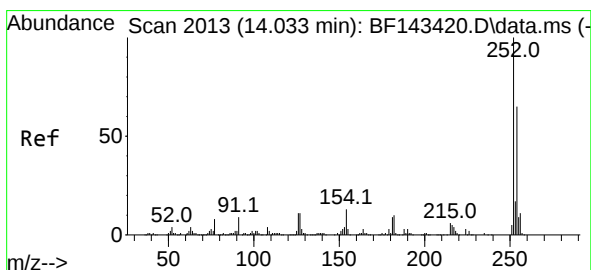
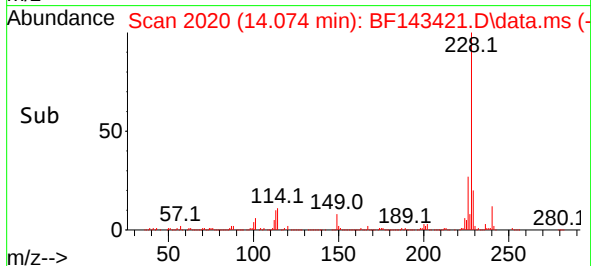
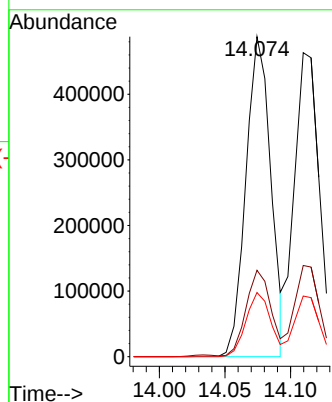
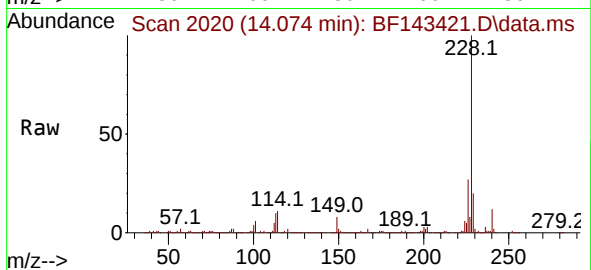
Tgt Ion:228 Resp: 644570

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 51.831 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

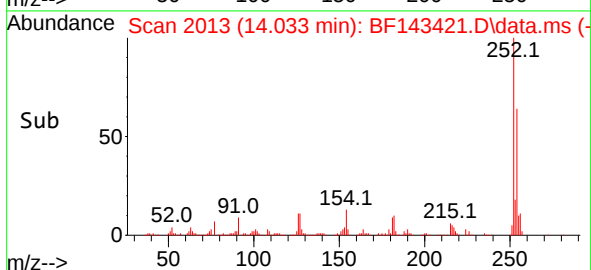
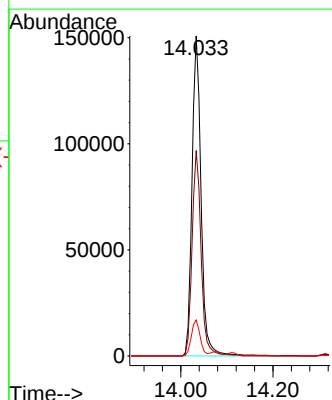
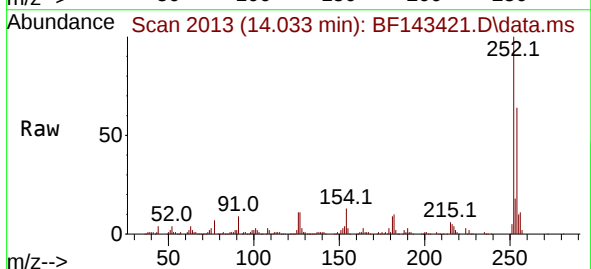
Tgt Ion:252 Resp: 205554

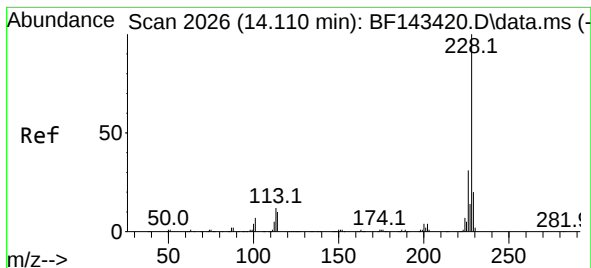
Ion Ratio Lower Upper

252 100

254 64.2 51.6 77.4

126 11.3 8.8 13.2





#83

Chrysene

Concen: 49.101 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

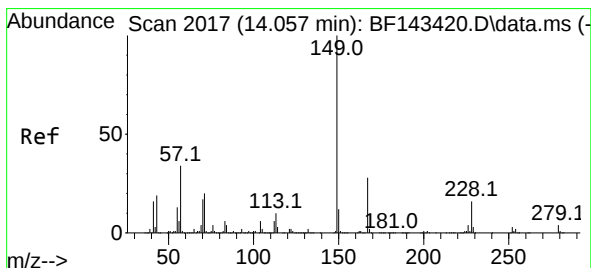
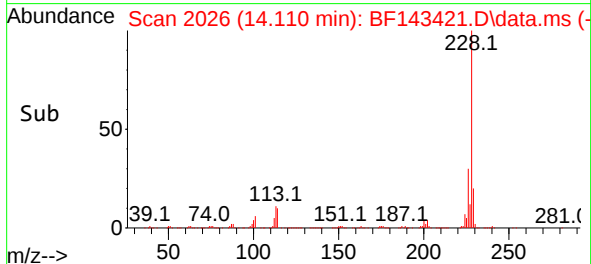
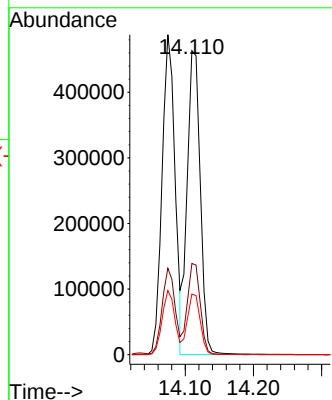
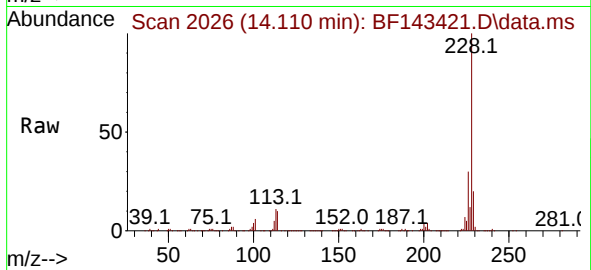
Tgt Ion:228 Resp: 614856

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.980 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

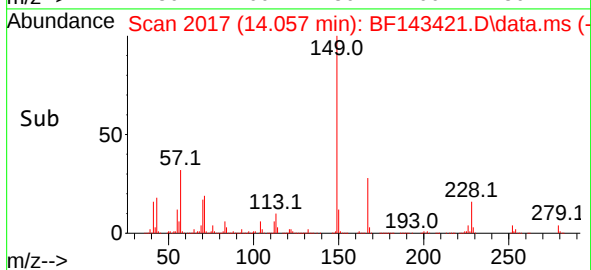
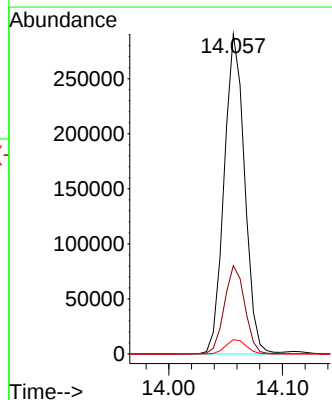
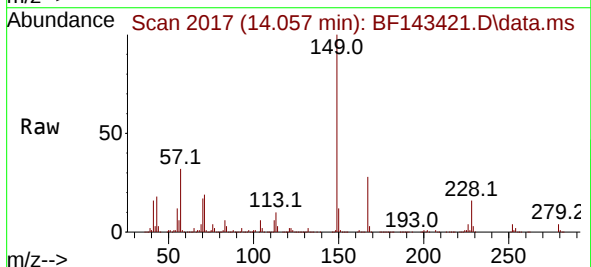
Tgt Ion:149 Resp: 364131

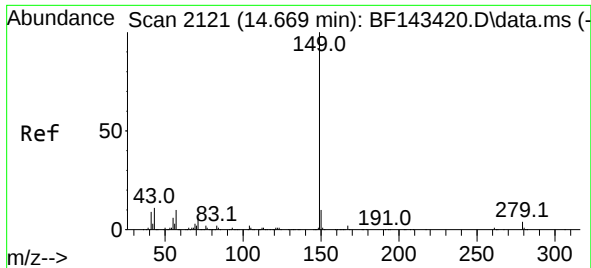
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.4 3.5 5.3

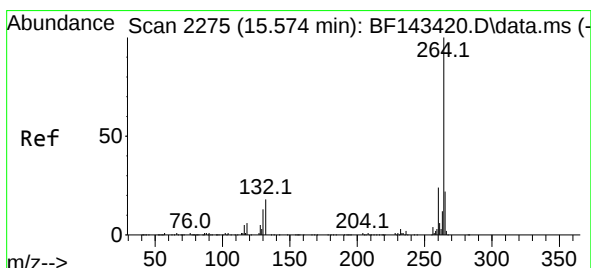
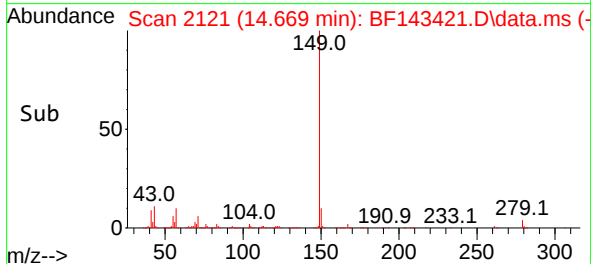
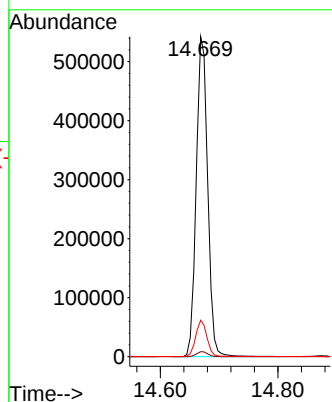
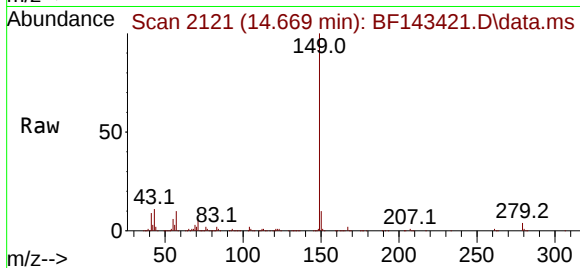




#85
Di-n-octyl phthalate
Concen: 55.599 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

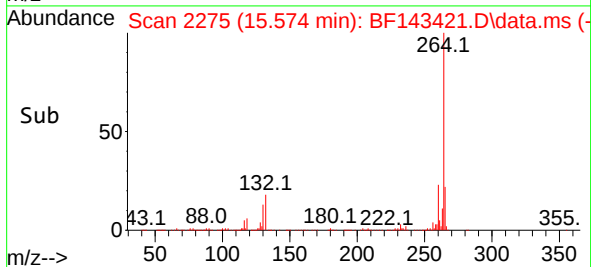
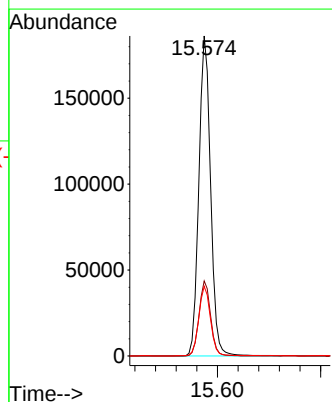
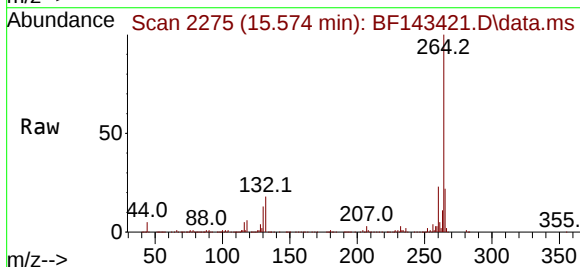
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

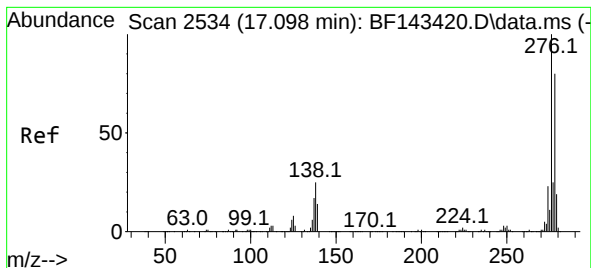
Tgt Ion:149 Resp: 733517
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:264 Resp: 292857
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.845 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143421.D

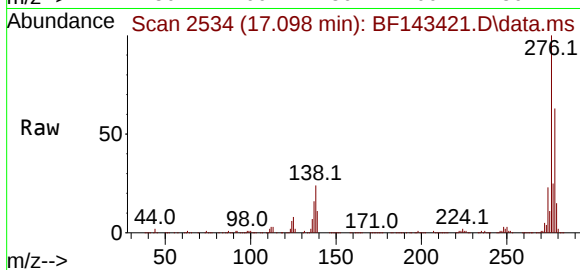
Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



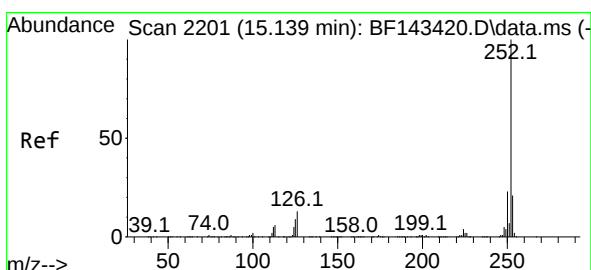
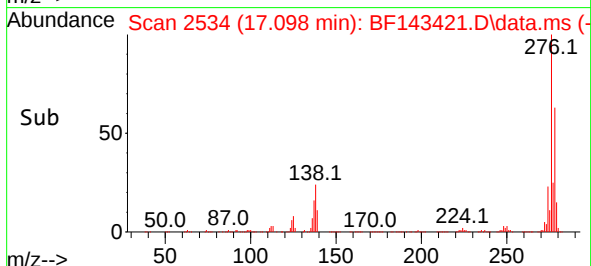
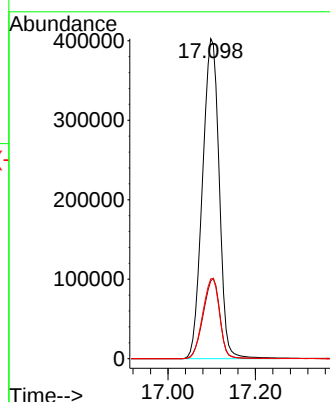
Tgt Ion:276 Resp: 1072706

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.4

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.035 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

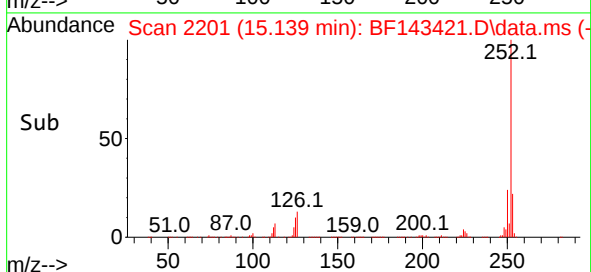
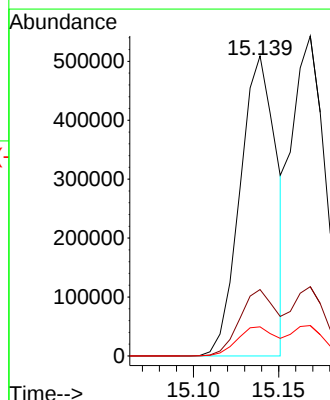
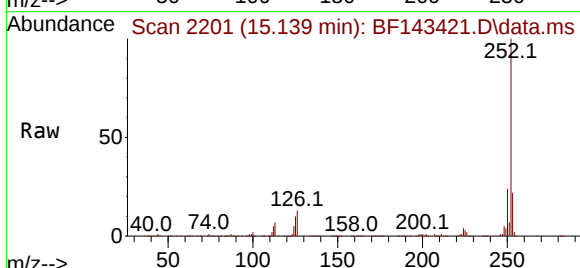
Tgt Ion:252 Resp: 753963

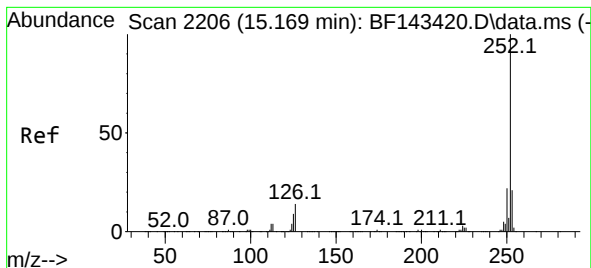
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 9.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 48.329 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

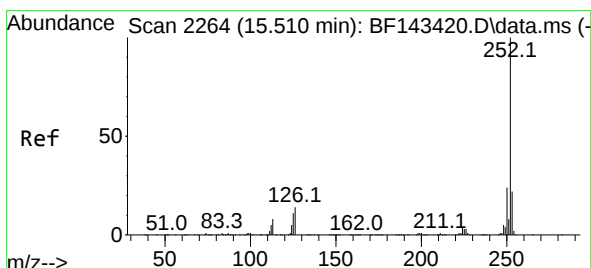
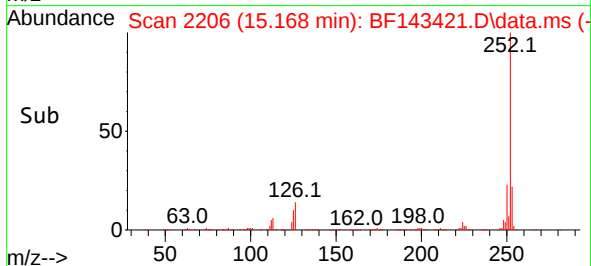
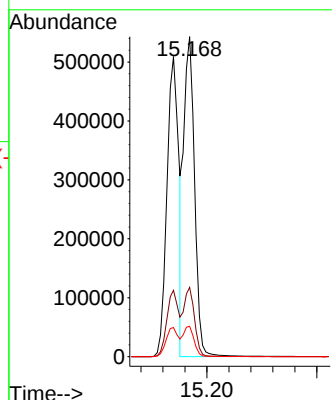
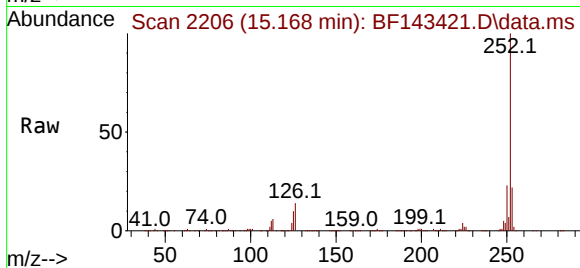
Tgt Ion:252 Resp: 748201

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.418 ng

RT: 15.516 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

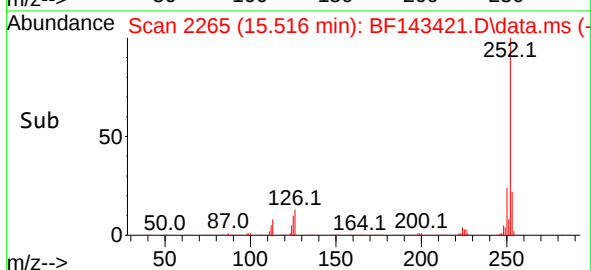
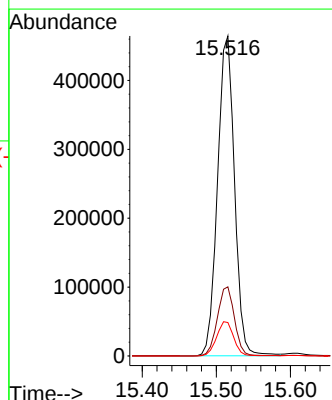
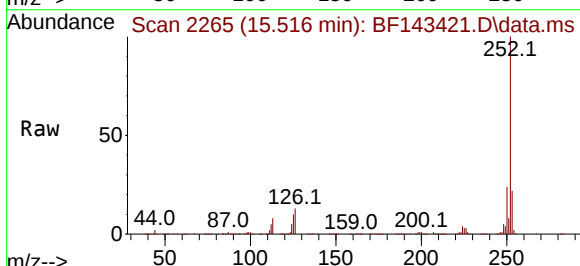
Tgt Ion:252 Resp: 738784

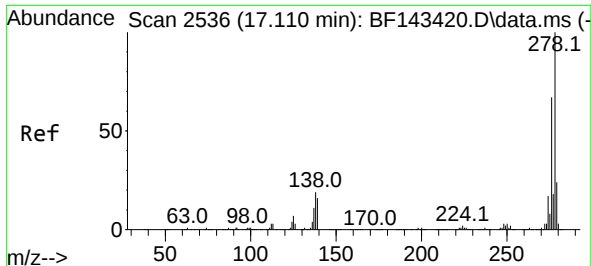
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 10.4 8.6 12.8

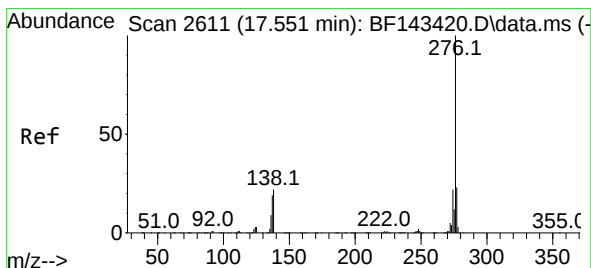
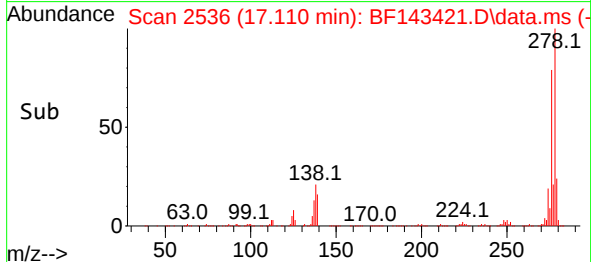
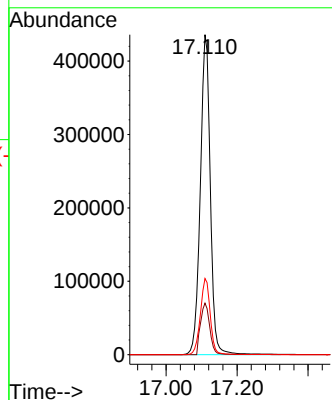
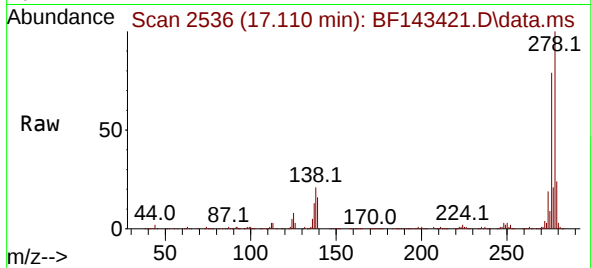




#91
Dibenzo(a,h)anthracene
Concen: 48.523 ng
RT: 17.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 855766
Ion Ratio Lower Upper
278 100
139 16.1 12.9 19.3
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.005 ng
RT: 17.557 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:276 Resp: 863384
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 21.6 17.5 26.3

