

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143447.D
 Acq On : 19 Aug 2025 10:34
 Operator : RC/JU
 Sample : PB169285BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169285BS

Quant Time: Aug 19 12:03:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	132148	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508774	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	275188	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	445207	20.000	ng	0.00
76) Chrysene-d12	14.086	240	219482	20.000	ng	0.00
86) Perylene-d12	15.580	264	298768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	939687	123.610	ng	0.02
7) Phenol-d6	6.563	99	1181533	123.329	ng	0.00
23) Nitrobenzene-d5	7.487	82	783562	91.388	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	353346	144.259	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1417654	86.649	ng	0.00
79) Terphenyl-d14	13.027	244	1191219	91.173	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	154659	42.265	ng	99
3) Pyridine	3.599	79	379545	39.547	ng	99
4) n-Nitrosodimethylamine	3.540	42	220904	49.521	ng	98
6) Aniline	6.593	93	456118	35.070	ng	92
8) 2-Chlorophenol	6.716	128	386674	46.072	ng	99
9) Benzaldehyde	6.481	77	203482	39.925	ng	98
10) Phenol	6.581	94	490077	43.837	ng	87
11) bis(2-Chloroethyl)ether	6.657	93	371401	44.818	ng	98
12) 1,3-Dichlorobenzene	6.869	146	432618	46.016	ng	100
13) 1,4-Dichlorobenzene	6.945	146	435366	46.384	ng	99
14) 1,2-Dichlorobenzene	7.098	146	415113	46.304	ng	100
15) Benzyl Alcohol	7.069	79	340635	48.214	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	626587	44.229	ng	95
17) 2-Methylphenol	7.181	107	316722	46.253	ng	99
18) Hexachloroethane	7.440	117	147442	46.150	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	267887	45.167	ng	97
20) 3+4-Methylphenols	7.334	107	371941	45.436	ng	98
22) Acetophenone	7.334	105	510127	46.634	ng	100
24) Nitrobenzene	7.504	77	419310	46.792	ng	99
25) Isophorone	7.745	82	757780	46.178	ng	99
26) 2-Nitrophenol	7.822	139	208342	50.152	ng	99
27) 2,4-Dimethylphenol	7.863	122	356418	50.744	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	453785	44.989	ng	99
29) 2,4-Dichlorophenol	8.069	162	333011	46.509	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	351909	47.968	ng	99
31) Naphthalene	8.234	128	1100133	45.546	ng	100
32) Benzoic acid	7.992	122	181934	49.805	ng	99
33) 4-Chloroaniline	8.275	127	196996	22.595	ng	99
34) Hexachlorobutadiene	8.351	225	219438	46.906	ng	100
35) Caprolactam	8.645	113	68924	33.435	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	343428	46.572	ng	100
37) 2-Methylnaphthalene	8.922	142	669878	41.144	ng	100
38) 1-Methylnaphthalene	9.022	142	687519	44.074	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	343203	44.719	ng	99
41) Hexachlorocyclopentadiene	9.081	237	356578	123.490	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	228830	47.798	ng	99

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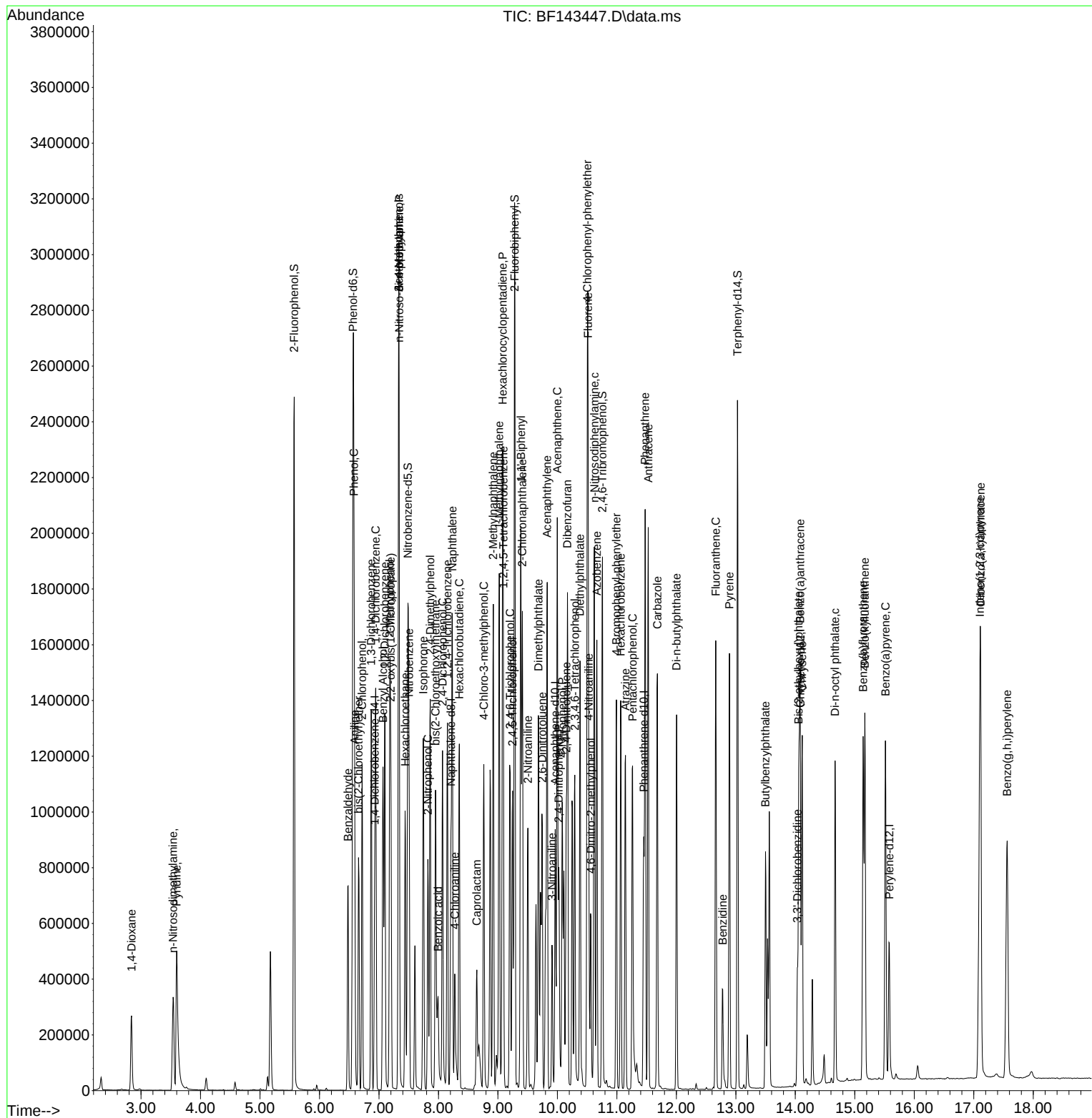
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	242581	47.270	ng	98
46) 1,1'-Biphenyl	9.386	154	902027	46.652	ng	99
47) 2-Chloronaphthalene	9.410	162	692681	45.385	ng	99
48) 2-Nitroaniline	9.504	65	219009	48.219	ng	96
49) Acenaphthylene	9.828	152	1121721	50.903	ng	99
50) Dimethylphthalate	9.681	163	806527	47.009	ng	100
51) 2,6-Dinitrotoluene	9.745	165	180033	53.231	ng	94
52) Acenaphthene	9.998	154	735147	49.601	ng	100
53) 3-Nitroaniline	9.910	138	111767	29.667	ng	99
54) 2,4-Dinitrophenol	10.022	184	170836	106.583	ng	96
55) Dibenzofuran	10.169	168	984704	46.056	ng	99
56) 4-Nitrophenol	10.081	139	236057	99.662	ng	97
57) 2,4-Dinitrotoluene	10.151	165	241594	53.578	ng	97
58) Fluorene	10.516	166	799557	48.679	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	230118	59.238	ng	99
60) Diethylphthalate	10.381	149	786748	49.623	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	399086	49.144	ng	97
62) 4-Nitroaniline	10.528	138	177734	50.445	ng	99
63) Azobenzene	10.663	77	798109	49.807	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	129758	56.487	ng	97
66) n-Nitrosodiphenylamine	10.622	169	699527	48.323	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	252143	47.961	ng	100
68) Hexachlorobenzene	11.063	284	270084	48.324	ng	99
69) Atrazine	11.145	200	206899	48.865	ng	100
70) Pentachlorophenol	11.263	266	265069	107.844	ng	99
71) Phenanthrene	11.475	178	1090159	45.218	ng	100
72) Anthracene	11.528	178	1099395	45.149	ng	99
73) Carbazole	11.680	167	880493	42.754	ng	99
74) Di-n-butylphthalate	12.004	149	933376	45.512	ng	100
75) Fluoranthene	12.663	202	908869	42.427	ng	100
77) Benzidine	12.780	184	228043	34.793	ng	99
78) Pyrene	12.892	202	885867	46.437	ng	99
80) Butylbenzylphthalate	13.498	149	269862	57.112	ng	100
81) Benzo(a)anthracene	14.080	228	693579	49.636	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	130760	31.961	ng	100
83) Chrysene	14.116	228	609997	47.220	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	391061	58.277	ng	98
85) Di-n-octyl phthalate	14.668	149	762651	56.035	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	1015180	45.311	ng	99
88) Benzo(b)fluoranthene	15.139	252	831746	51.943	ng	99
89) Benzo(k)fluoranthene	15.168	252	686452	43.464	ng	99
90) Benzo(a)pyrene	15.515	252	773479	50.715	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	825082	45.858	ng	99
92) Benzo(g,h,i)perylene	17.562	276	831232	46.247	ng	99

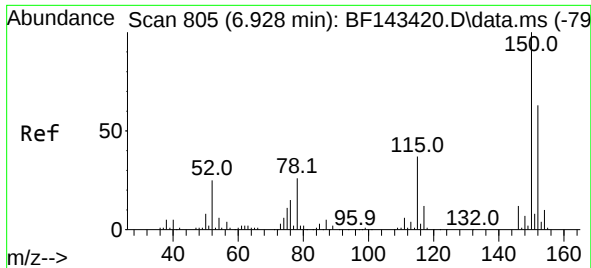
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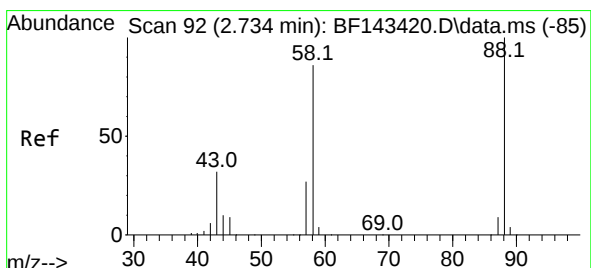
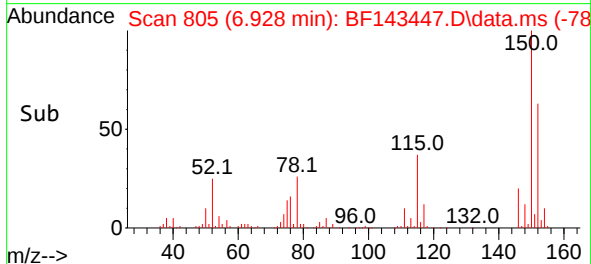
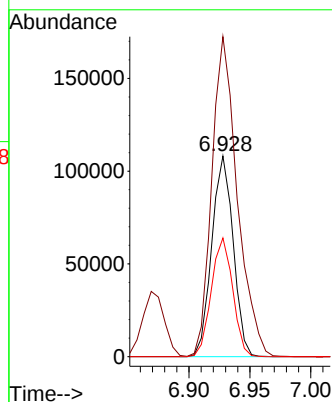
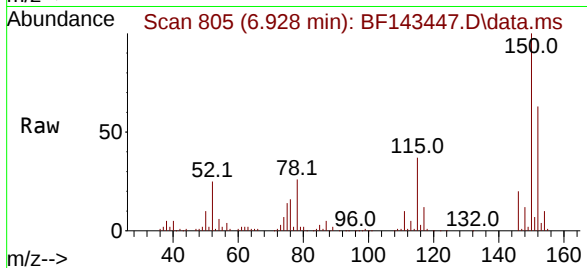




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

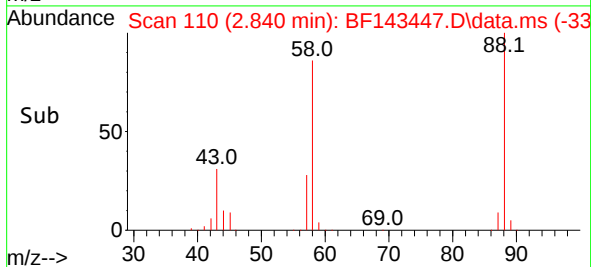
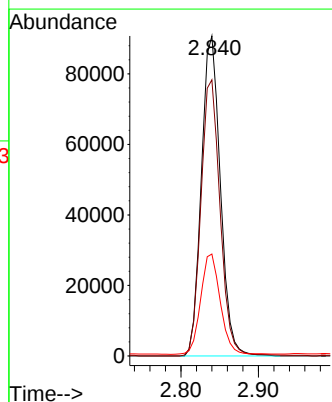
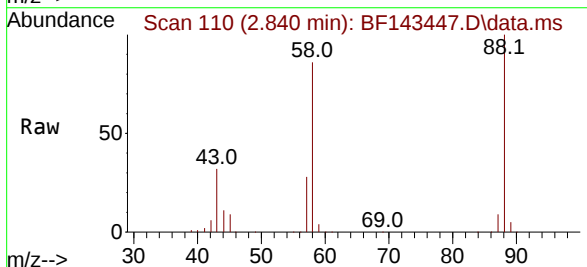
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 ClientSampleId :
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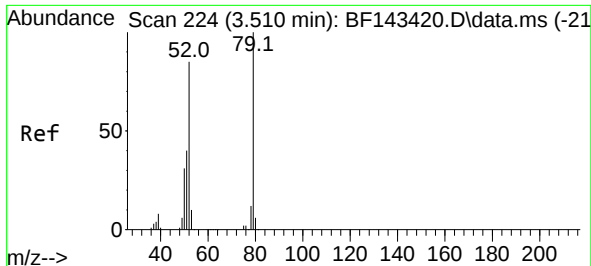
Tgt Ion:152 Resp: 132148
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.4 191.2
 115 59.1 47.5 71.3



#2
 1,4-Dioxane
 Concen: 42.265 ng
 RT: 2.840 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

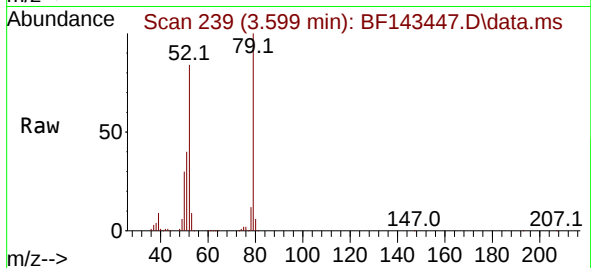
Tgt Ion: 88 Resp: 154659
 Ion Ratio Lower Upper
 88 100
 58 87.5 68.7 103.1
 43 32.3 26.1 39.1



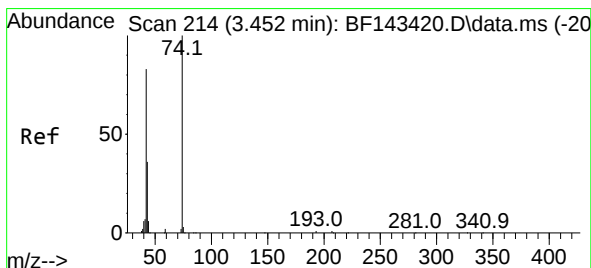
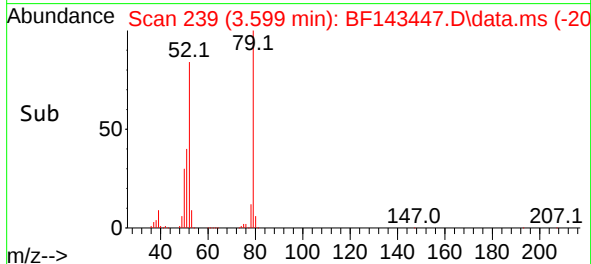
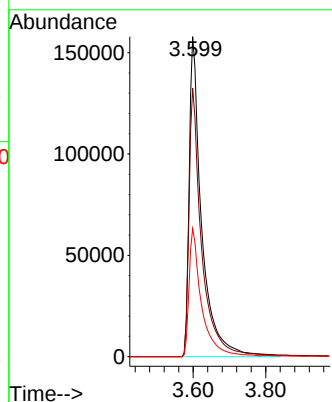


#3
Pyridine
Concen: 39.547 ng
RT: 3.599 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Instrument :
BNA_F
ClientSampleId :
PB169285BS

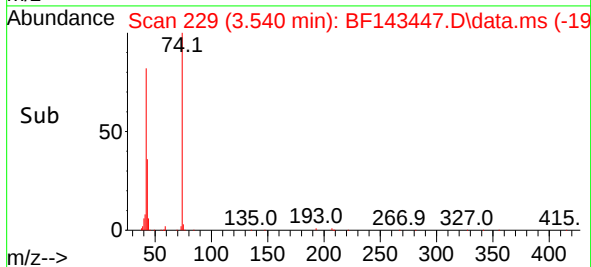
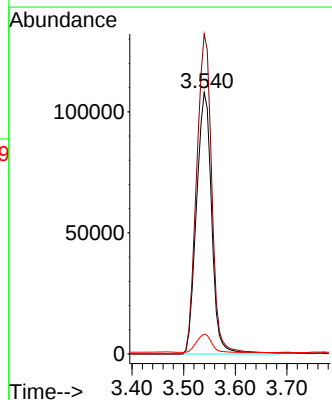
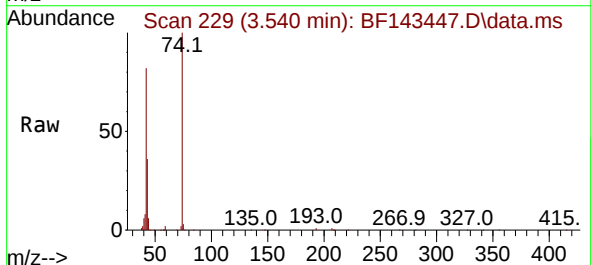


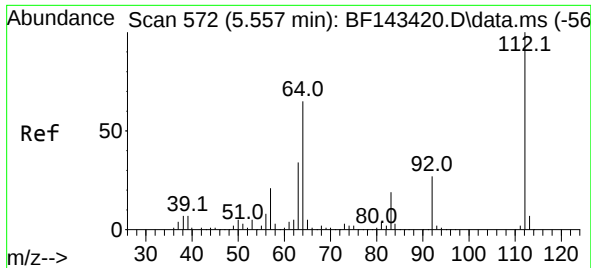
Tgt Ion: 79 Resp: 379545
Ion Ratio Lower Upper
79 100
52 83.9 67.7 101.5
51 40.0 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 49.521 ng
RT: 3.540 min Scan# 229
Delta R.T. 0.088 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion: 42 Resp: 220904
Ion Ratio Lower Upper
42 100
74 122.4 96.2 144.4
44 7.6 5.9 8.9

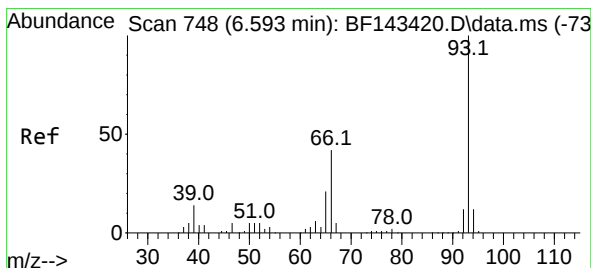
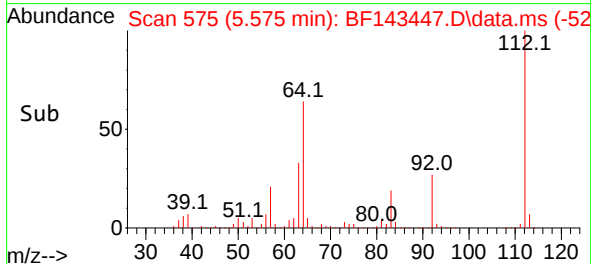
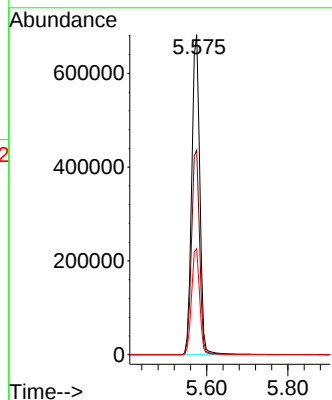
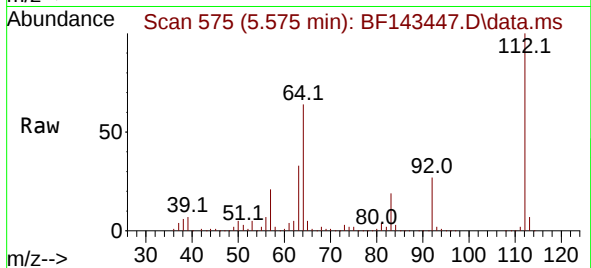




#5
2-Fluorophenol
Concen: 123.610 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

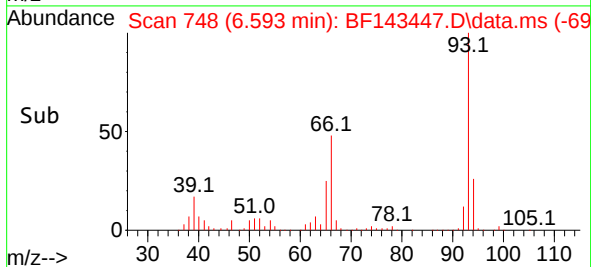
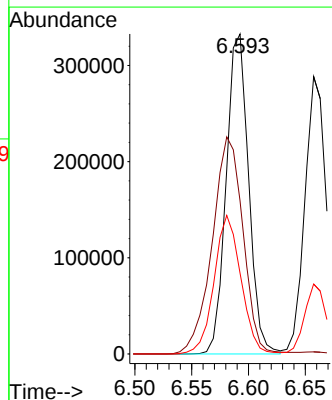
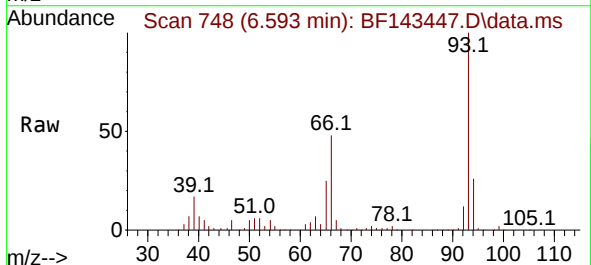
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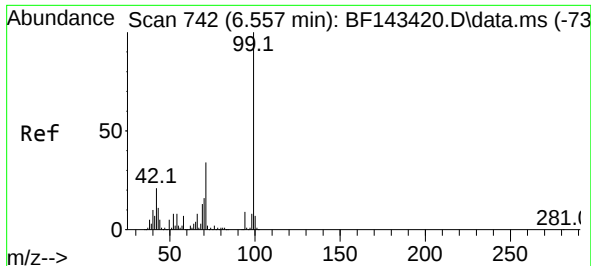
Tgt Ion:112 Resp: 939687
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.2
63 33.1 27.0 40.6



#6
Aniline
Concen: 35.070 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion: 93 Resp: 456118
Ion Ratio Lower Upper
93 100
66 47.9 33.8 50.8
65 25.2 17.2 25.8

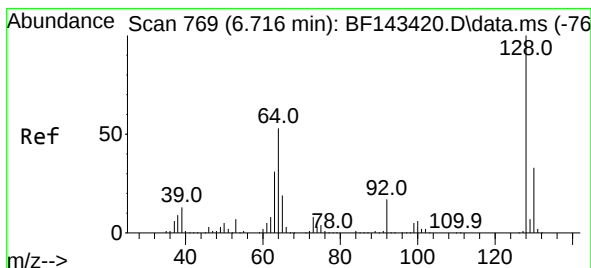
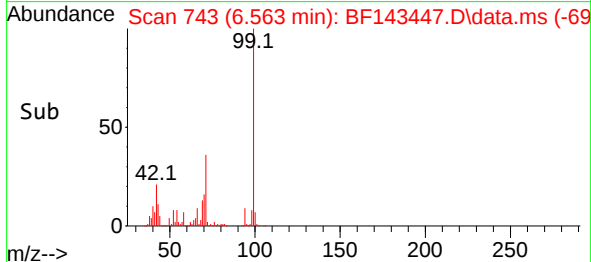
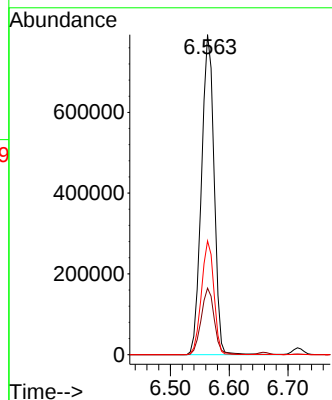
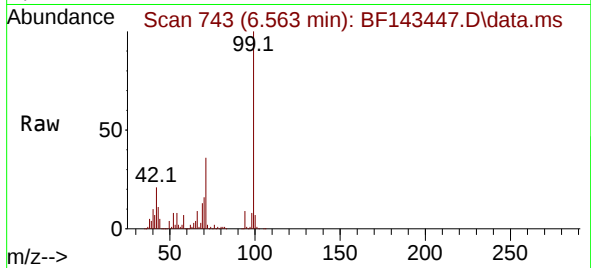




#7
Phenol-d6
Concen: 123.329 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

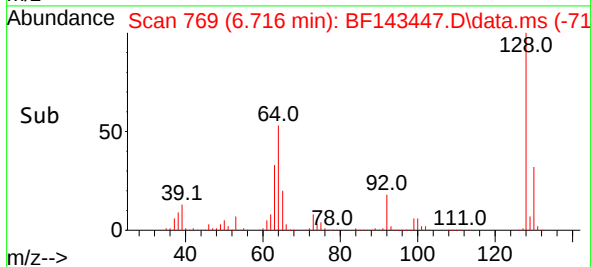
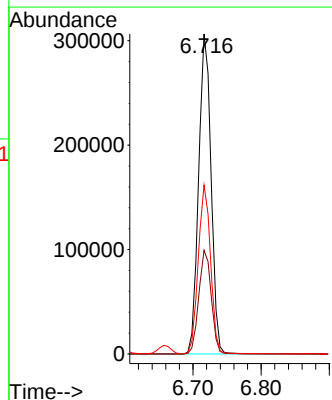
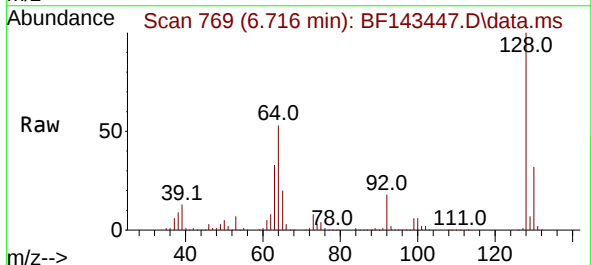
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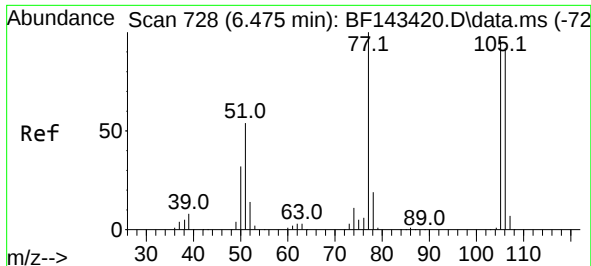
Tgt Ion: 99 Resp: 1181533
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 35.5 27.4 41.2



#8
2-Chlorophenol
Concen: 46.072 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion: 128 Resp: 386674
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 52.8 33.1 73.1





#9

Benzaldehyde

Concen: 39.925 ng

RT: 6.481 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

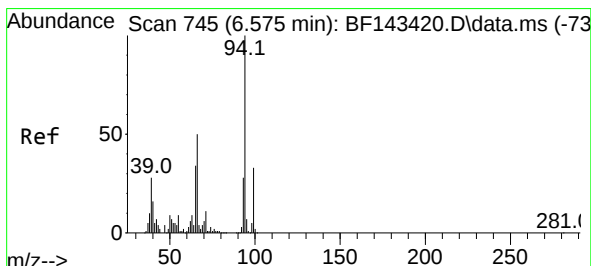
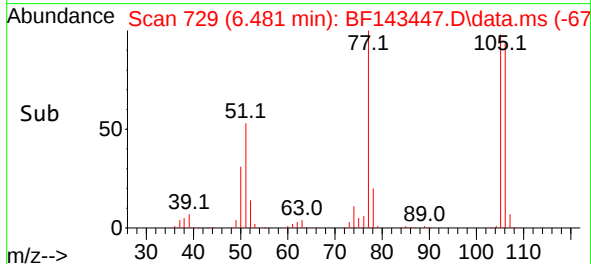
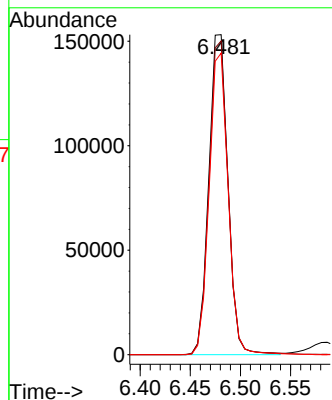
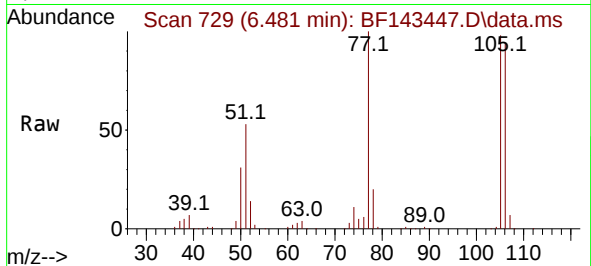
Tgt Ion: 77 Resp: 203482

Ion Ratio Lower Upper

77 100

105 98.0 75.5 115.5

106 94.2 72.0 112.0



#10

Phenol

Concen: 43.837 ng

RT: 6.581 min Scan# 746

Delta R.T. 0.006 min

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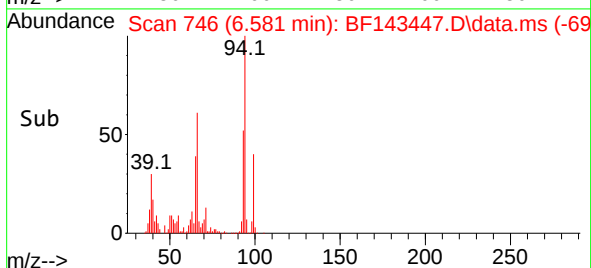
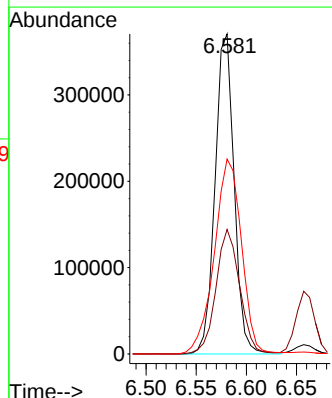
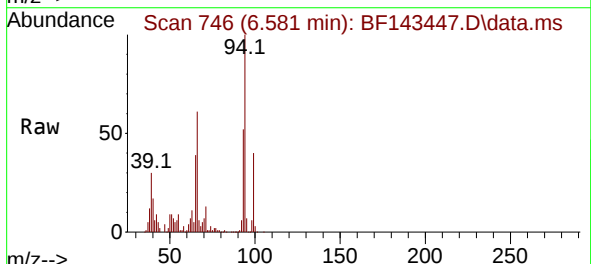
Tgt Ion: 94 Resp: 490077

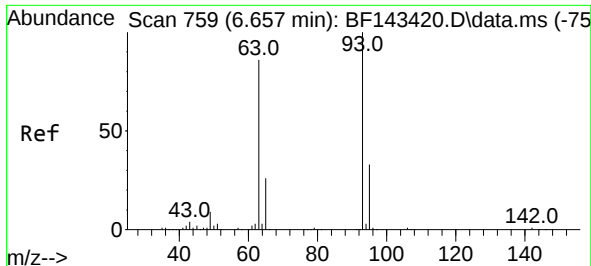
Ion Ratio Lower Upper

94 100

65 38.9 13.7 53.7

66 60.9 30.3 70.3

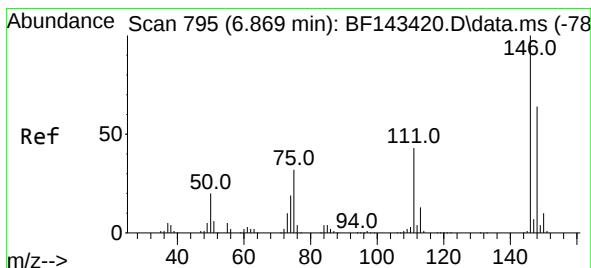
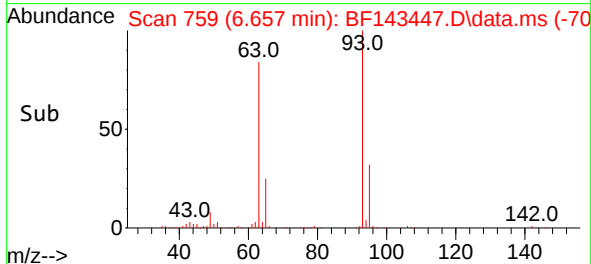
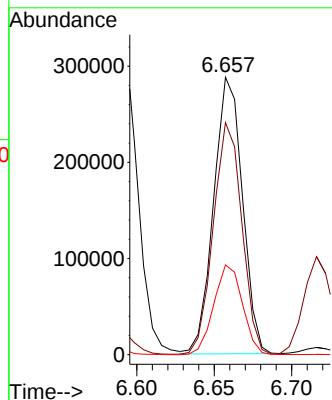
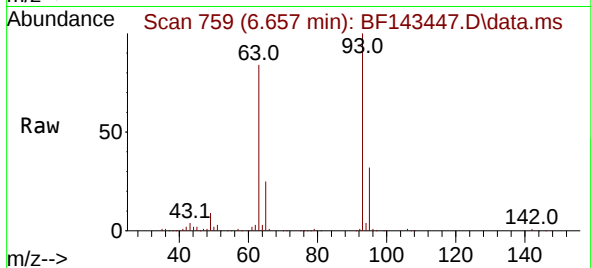




#11
bis(2-Chloroethyl)ether
Concen: 44.818 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

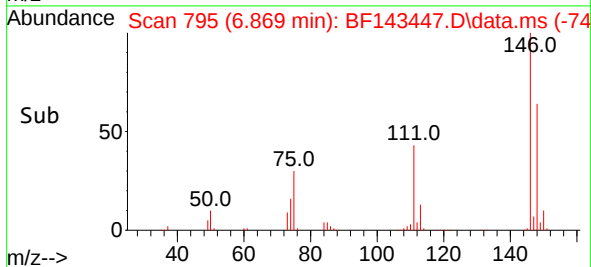
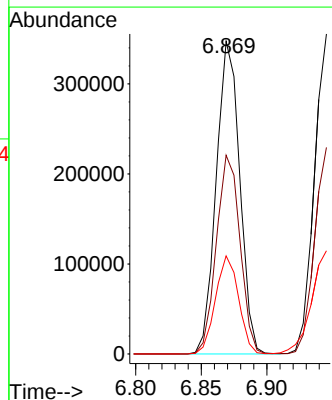
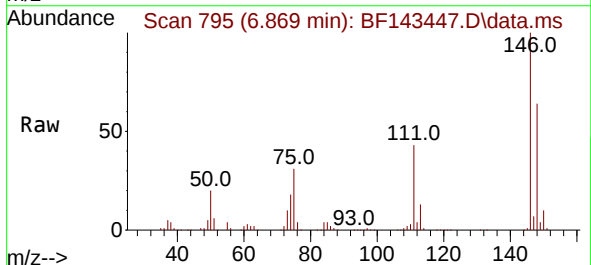
Instrument :
BNA_F
ClientSampleId :
PB169285BS

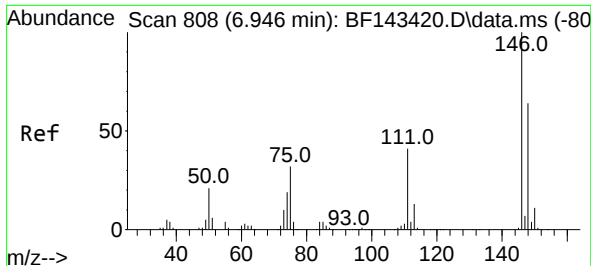
Tgt Ion: 93 Resp: 371401
Ion Ratio Lower Upper
93 100
63 83.7 65.4 105.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.016 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:146 Resp: 432618
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 31.4 25.3 37.9

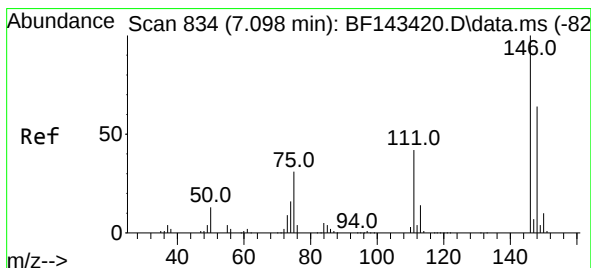
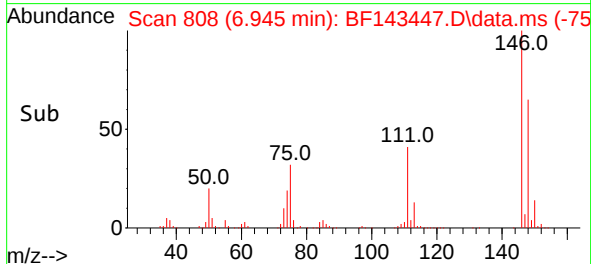
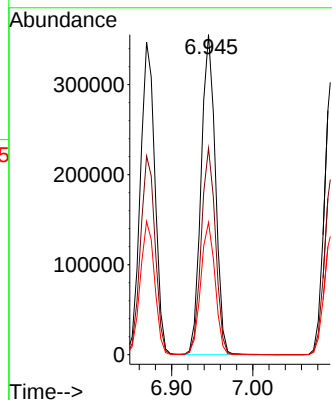
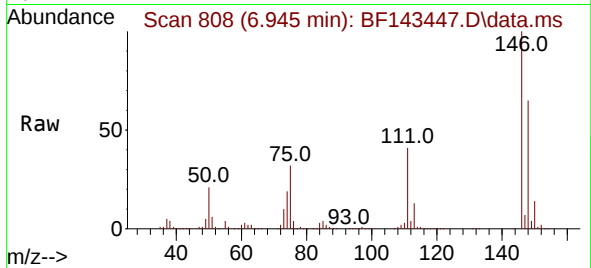




#13
1,4-Dichlorobenzene
Concen: 46.384 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

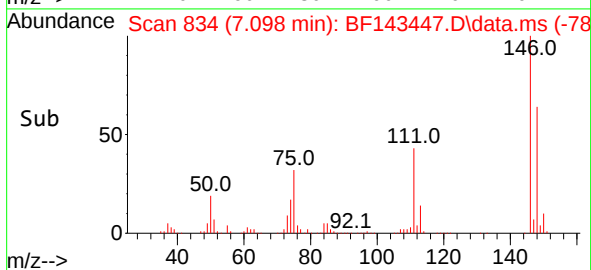
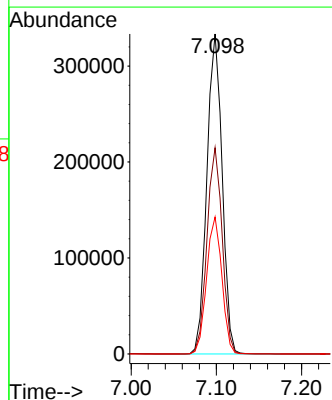
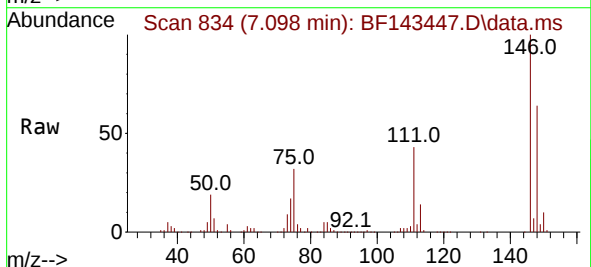
Instrument :
BNA_F
ClientSampleId :
PB169285BS

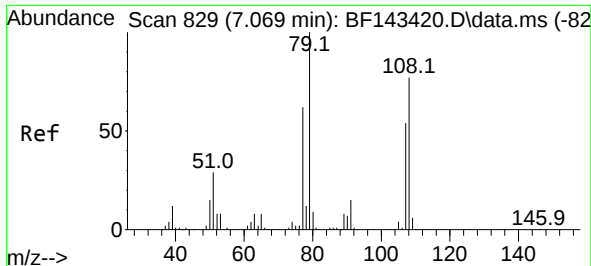
Tgt Ion:146 Resp: 435366
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.3 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 46.304 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:146 Resp: 415113
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 42.8 33.9 50.9

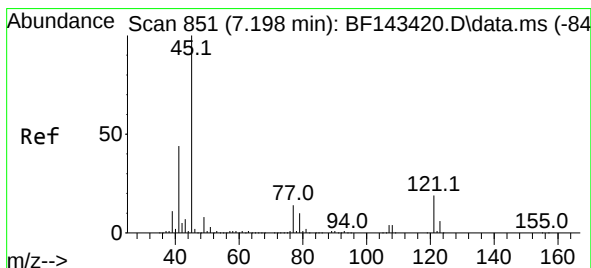
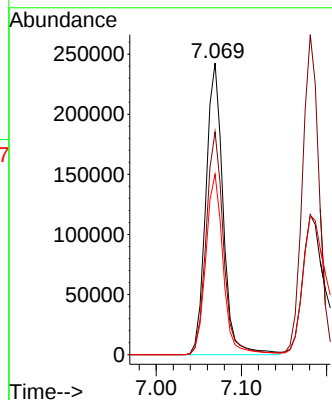
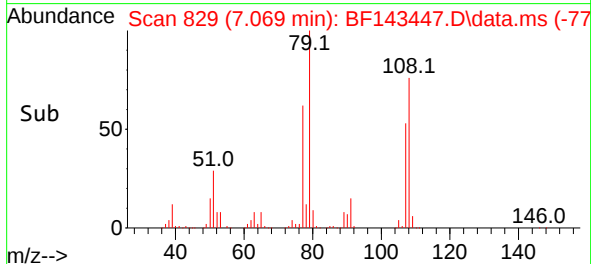
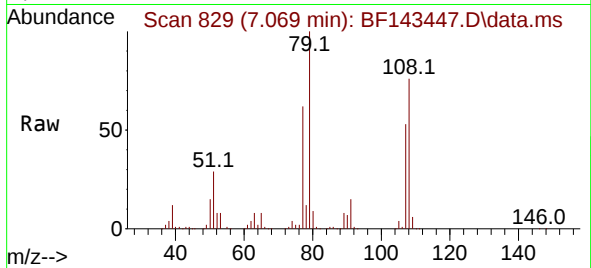




#15
Benzyl Alcohol
Concen: 48.214 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

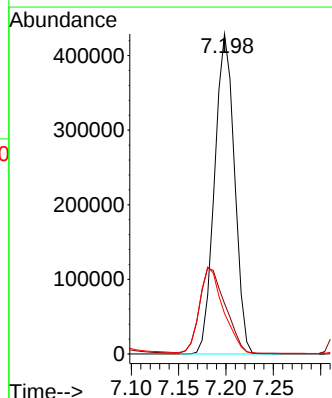
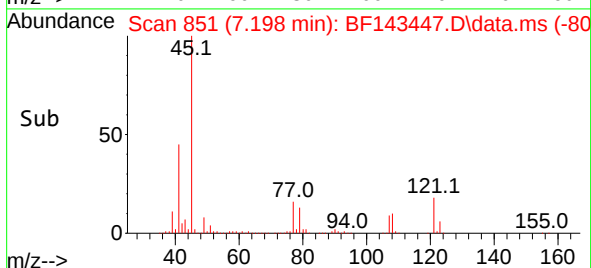
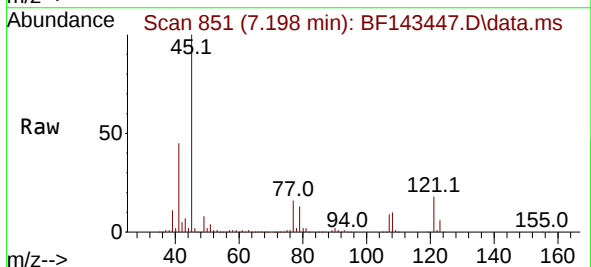
Instrument :
BNA_F
ClientSampleId :
PB169285BS

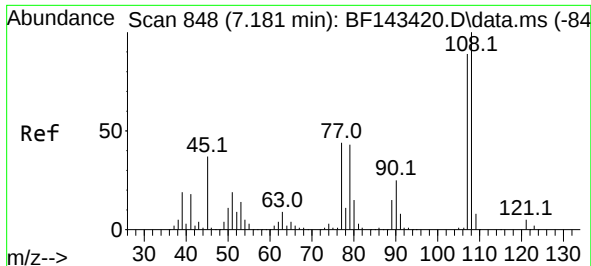
Tgt Ion: 79 Resp: 340635
Ion Ratio Lower Upper
79 100
108 76.4 61.9 92.9
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.229 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion: 45 Resp: 626587
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.9
79 12.7 0.0 30.7

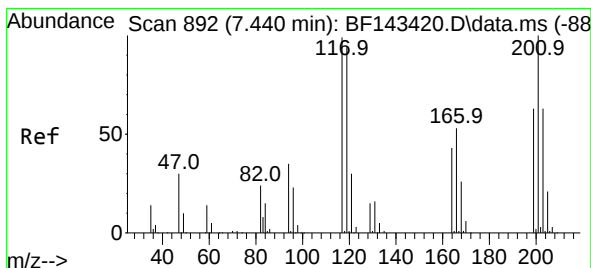
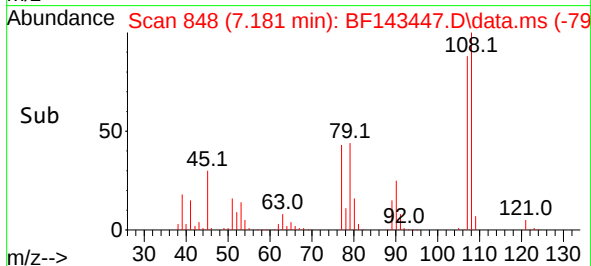
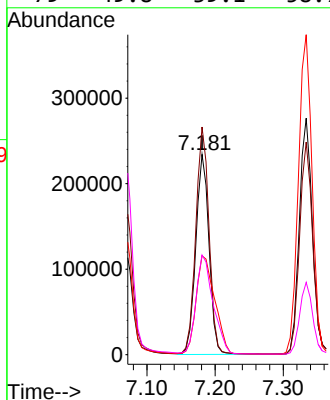
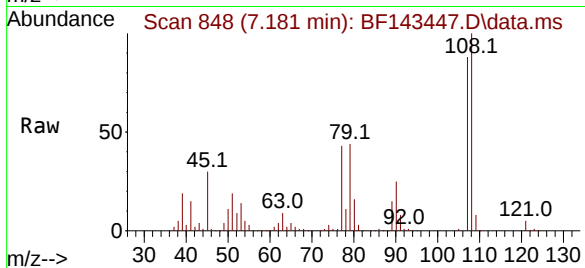




#17
2-Methylphenol
Concen: 46.253 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

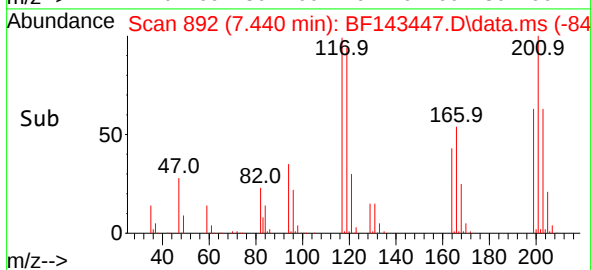
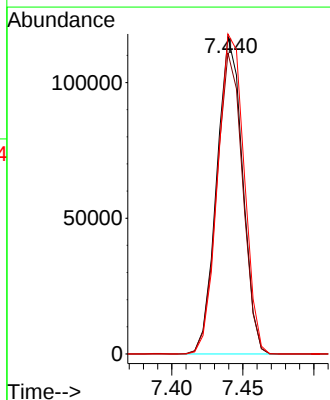
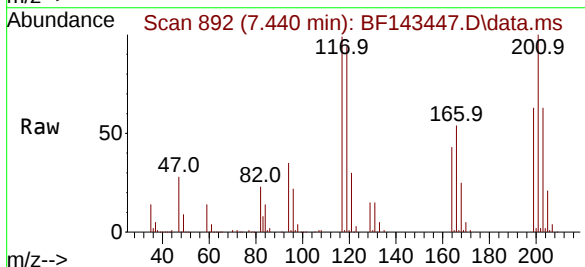
Instrument :
BNA_F
ClientSampleId :
PB169285BS

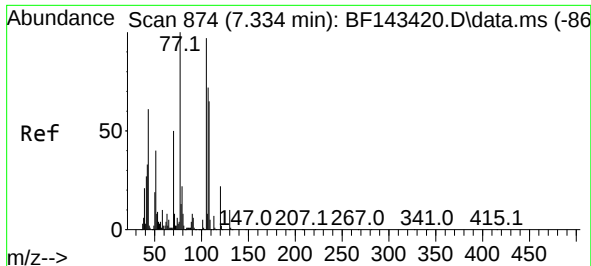
Tgt Ion:107 Resp: 316722
Ion Ratio Lower Upper
107 100
108 113.7 90.1 135.1
77 49.4 39.9 59.9
79 49.8 39.1 58.7



#18
Hexachloroethane
Concen: 46.150 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:117 Resp: 147442
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8
201 100.8 81.0 121.4



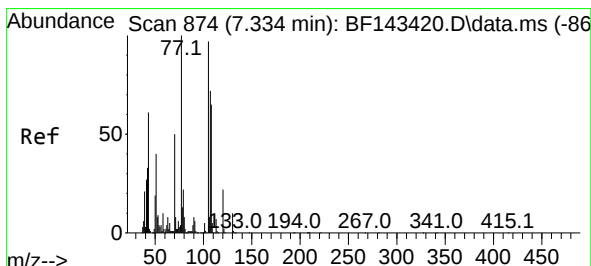
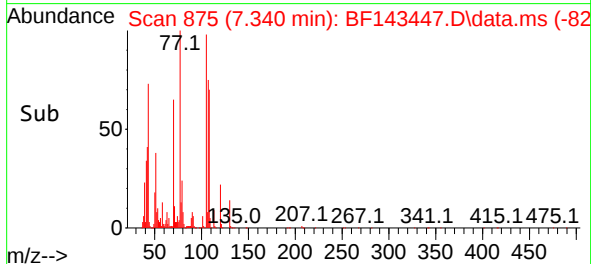
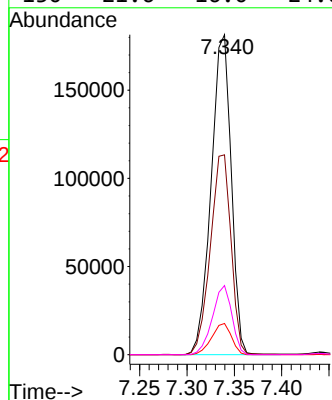
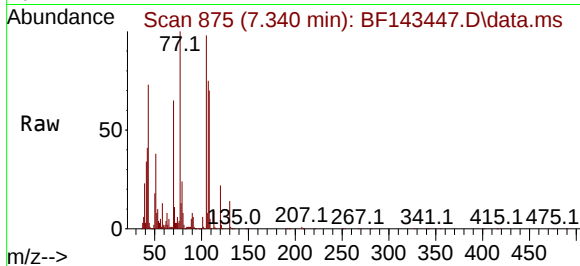


#19
n-Nitroso-di-n-propylamine
Concen: 45.167 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Instrument :
BNA_F
ClientSampleId :
PB169285BS

Tgt Ion: 70 Resp: 267887

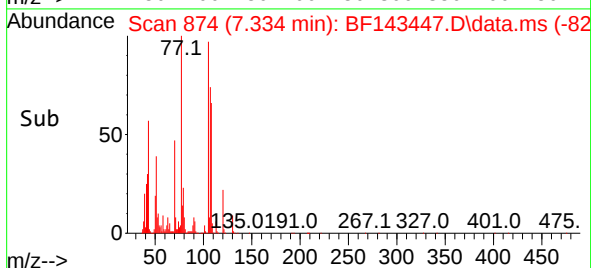
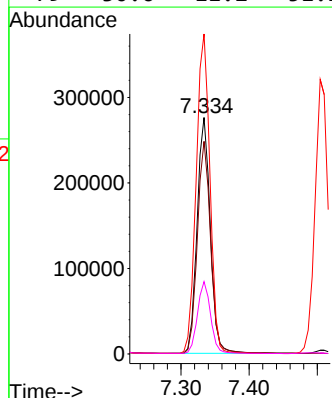
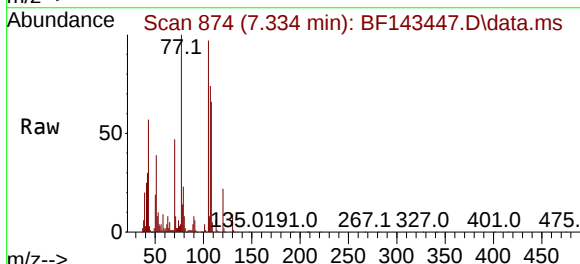
Ion	Ratio	Lower	Upper
70	100		
42	62.5	52.5	78.7
101	9.7	7.9	11.9
130	21.6	16.0	24.0

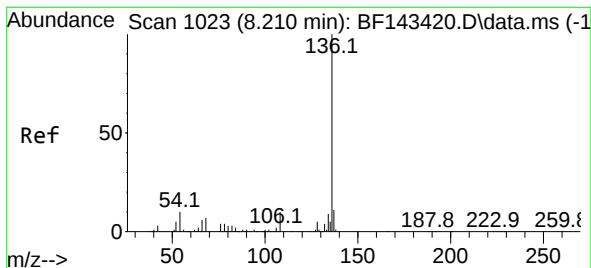


#20
3+4-Methylphenols
Concen: 45.436 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion: 107 Resp: 371941

Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.8	110.8
77	135.3	119.1	159.1
79	30.6	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

Tgt Ion:136 Resp: 508774

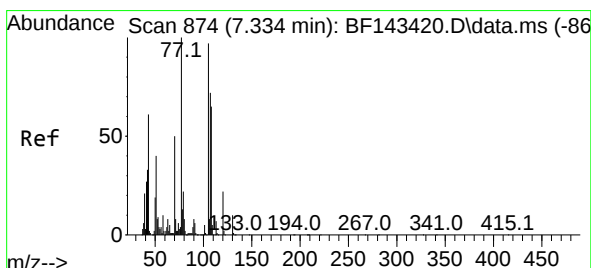
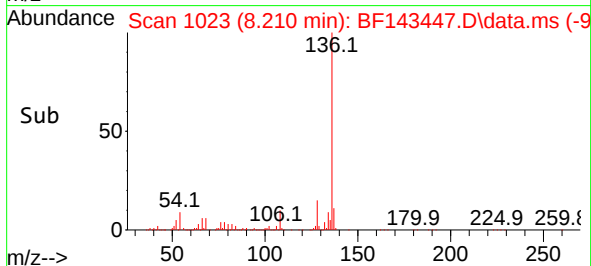
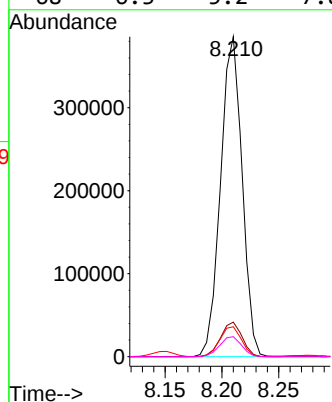
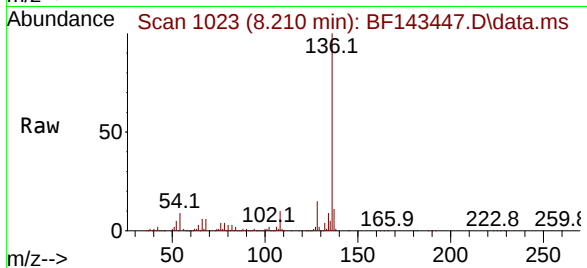
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 7.8 11.8

68 6.3 5.2 7.8



#22

Acetophenone

Concen: 46.634 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Tgt Ion:105 Resp: 510127

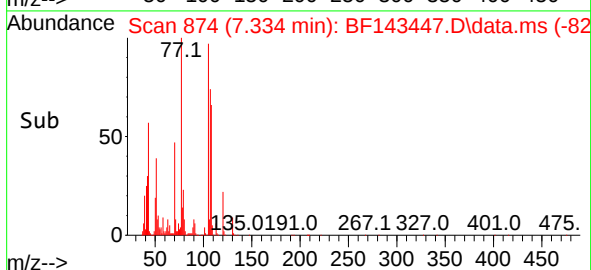
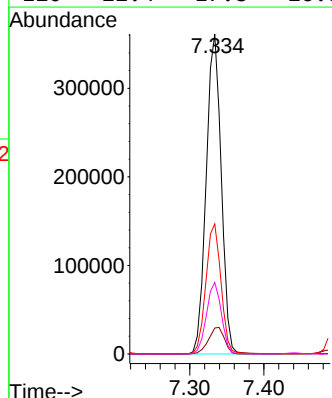
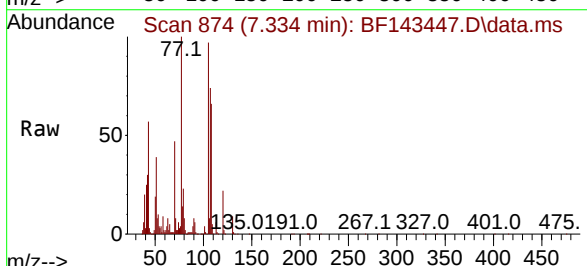
Ion Ratio Lower Upper

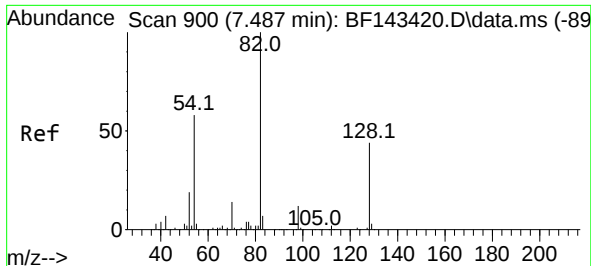
105 100

71 8.1 7.0 10.4

51 40.7 32.7 49.1

120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 91.388 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

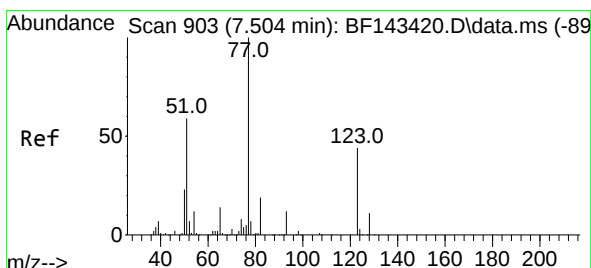
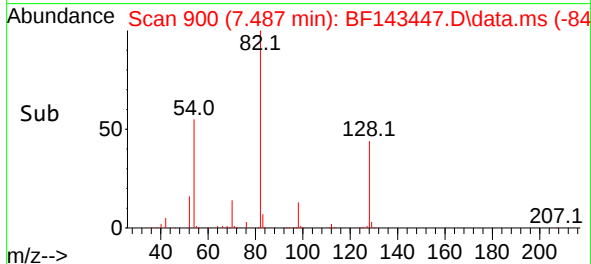
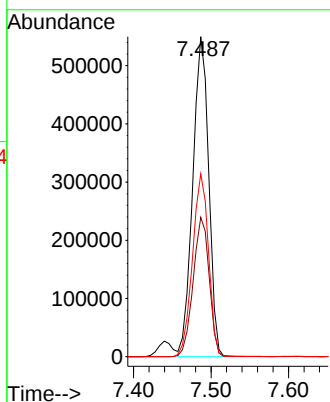
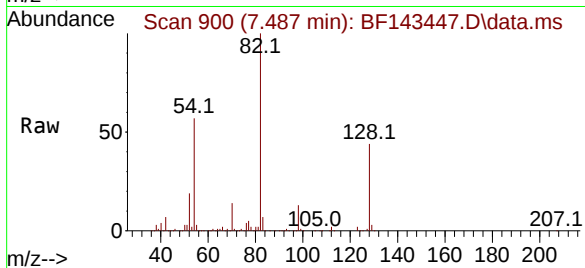
Tgt Ion: 82 Resp: 783562

Ion Ratio Lower Upper

82 100

128 43.6 34.6 52.0

54 57.1 46.0 69.0



#24

Nitrobenzene

Concen: 46.792 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

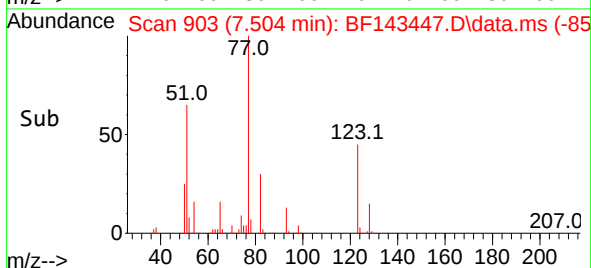
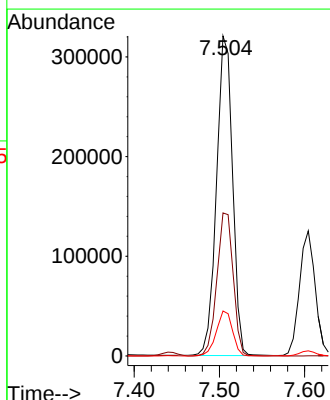
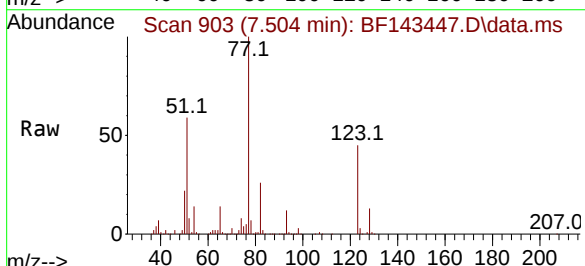
Tgt Ion: 77 Resp: 419310

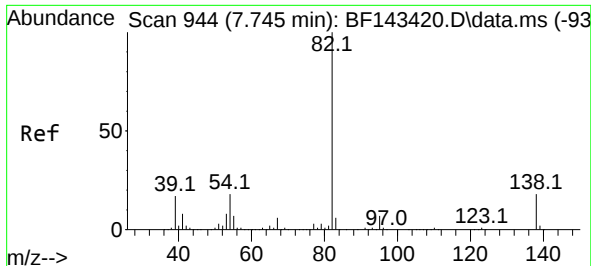
Ion Ratio Lower Upper

77 100

123 44.7 35.4 53.0

65 14.0 11.2 16.8

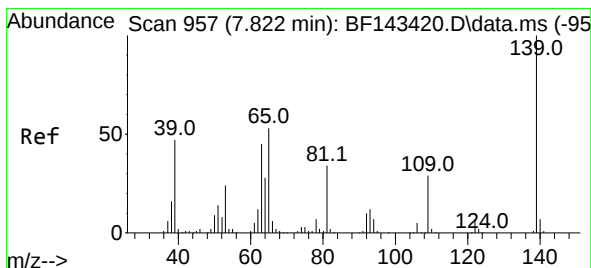
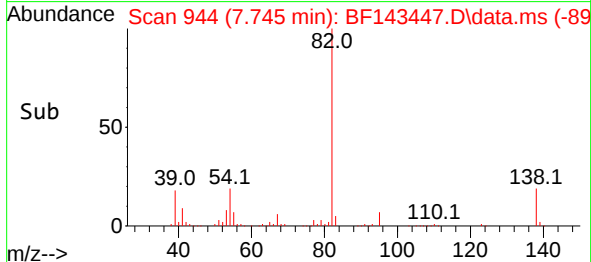
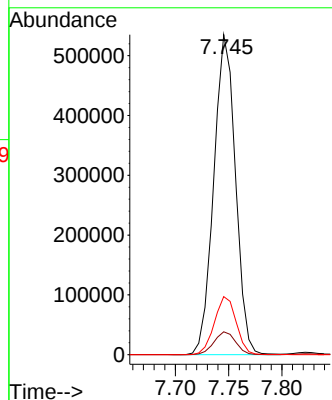
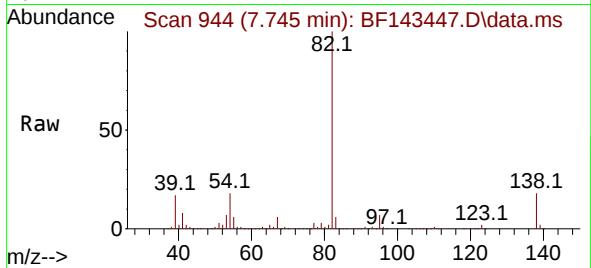




#25
Isophorone
Concen: 46.178 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

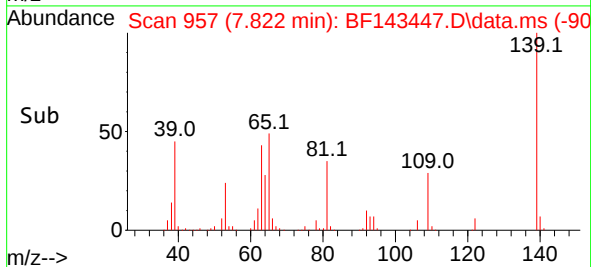
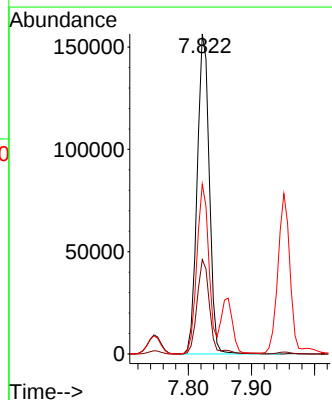
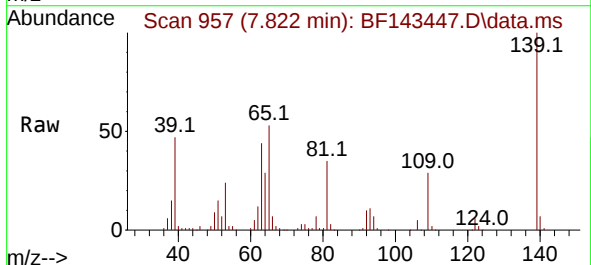
Instrument :
BNA_F
ClientSampleId :
PB169285BS

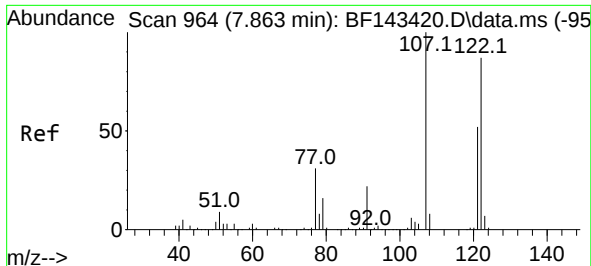
Tgt Ion: 82 Resp: 757780
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.1 14.3 21.5



#26
2-Nitrophenol
Concen: 50.152 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:139 Resp: 208342
Ion Ratio Lower Upper
139 100
109 29.5 23.0 34.4
65 53.1 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 50.744 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

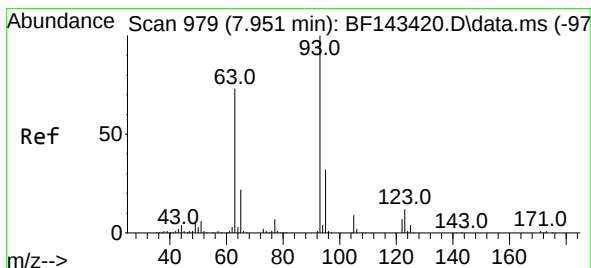
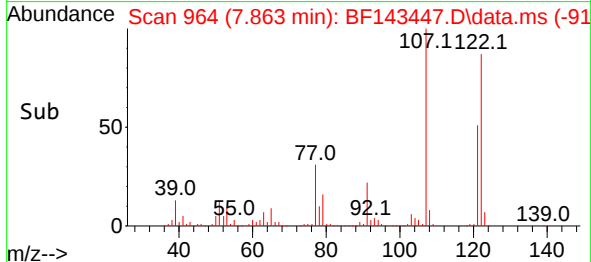
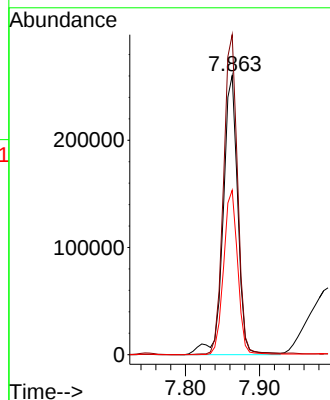
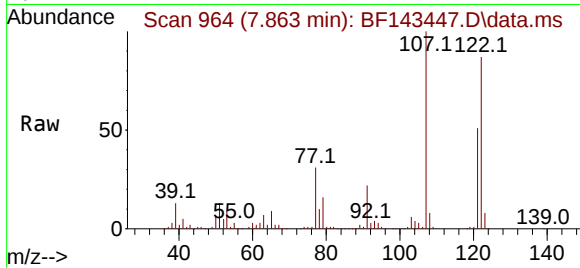
Tgt Ion:122 Resp: 356418

Ion Ratio Lower Upper

122 100

107 114.6 90.4 135.6

121 58.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.989 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

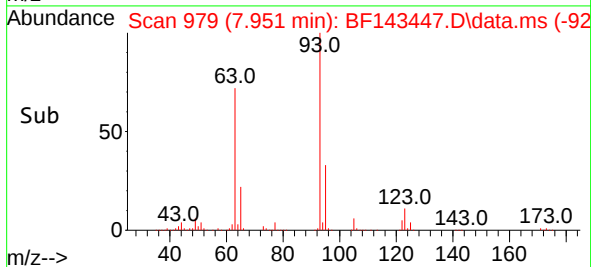
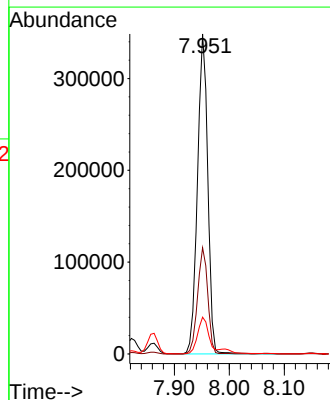
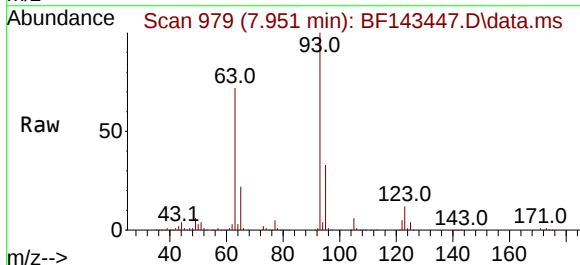
Tgt Ion: 93 Resp: 453785

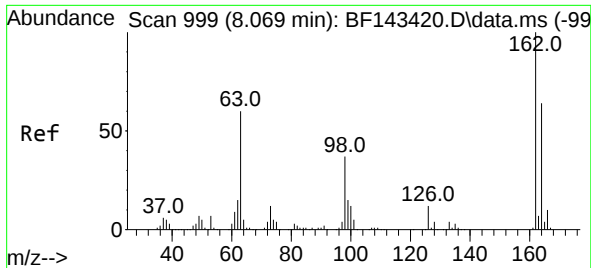
Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.509 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

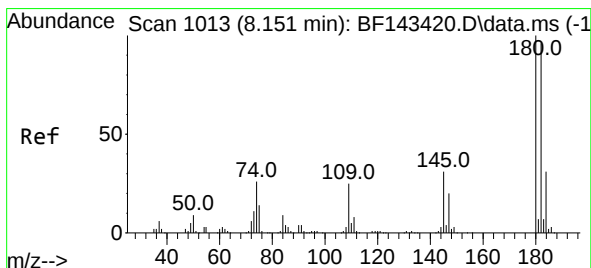
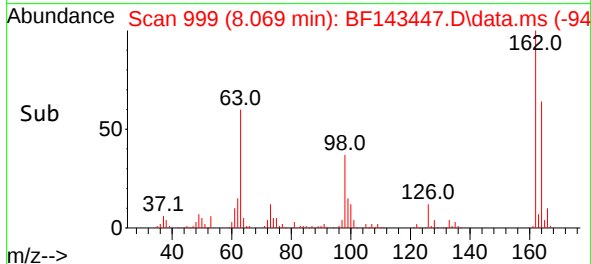
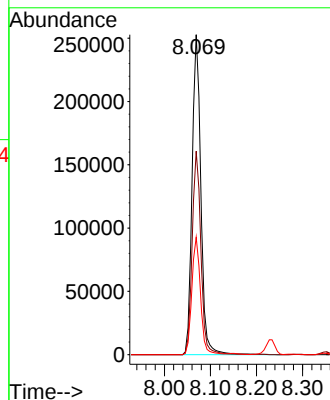
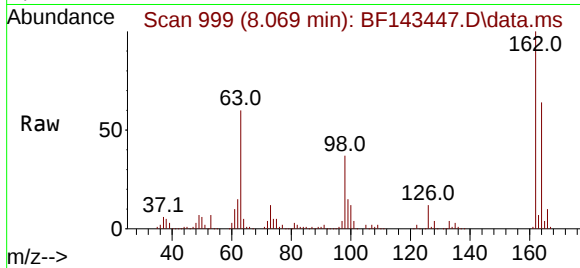
Tgt Ion:162 Resp: 333011

Ion Ratio Lower Upper

162 100

164 63.6 44.3 84.3

98 36.7 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 47.968 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

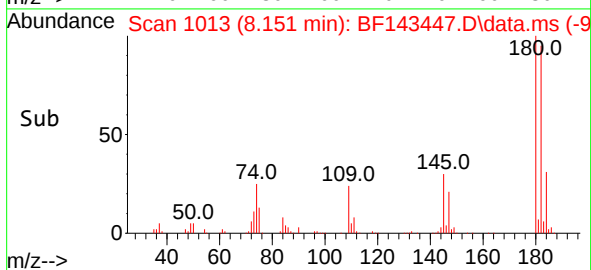
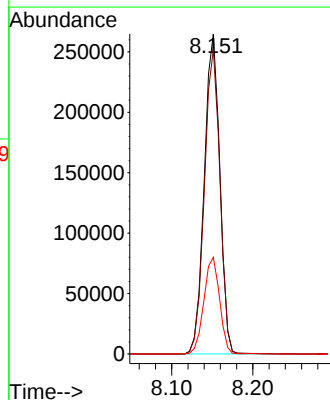
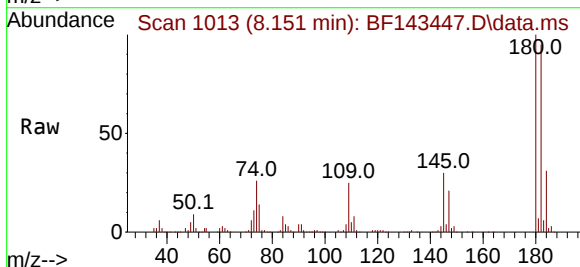
Tgt Ion:180 Resp: 351909

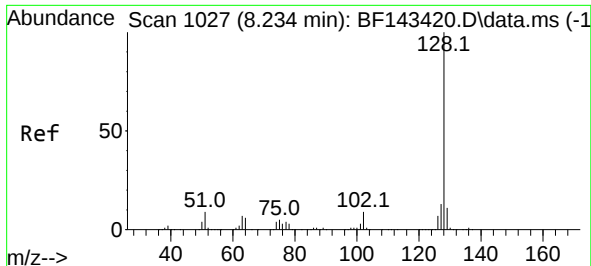
Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

145 30.2 24.5 36.7

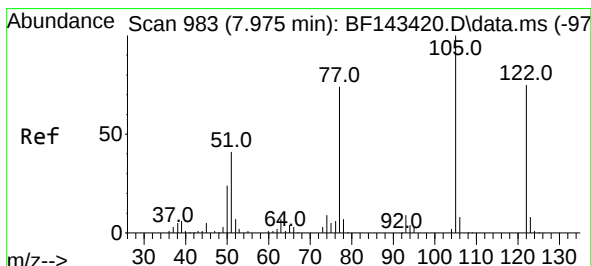
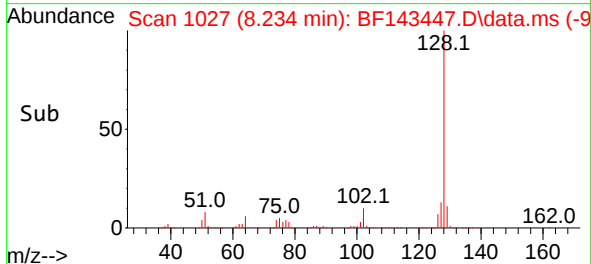
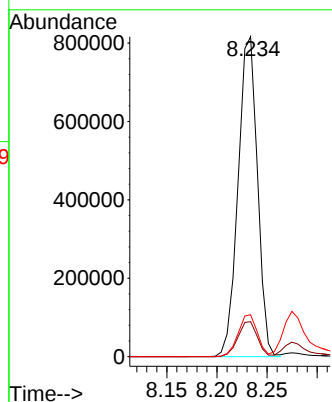
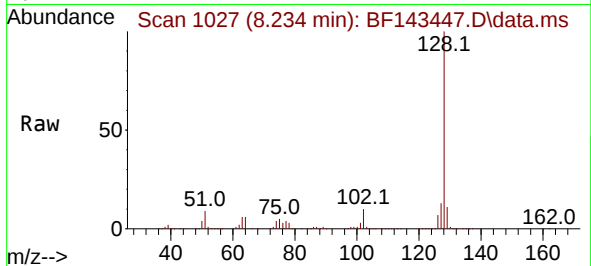




#31
Naphthalene
Concen: 45.546 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

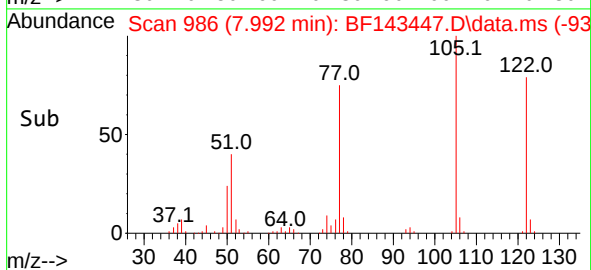
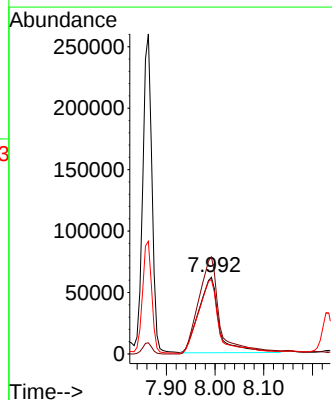
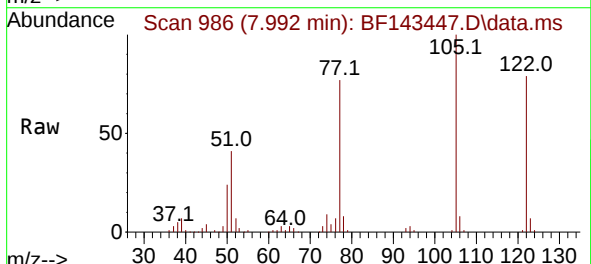
Instrument :
BNA_F
ClientSampleId :
PB169285BS

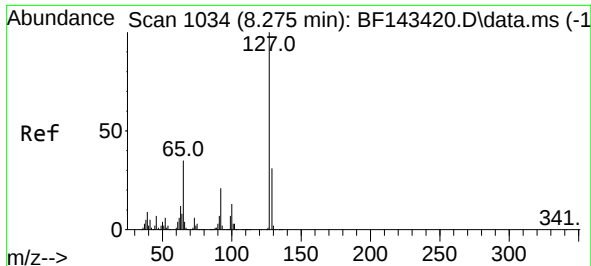
Tgt Ion:128 Resp: 1100133
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 49.805 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:122 Resp: 181934
Ion Ratio Lower Upper
122 100
105 126.7 108.4 148.4
77 97.2 75.9 115.9

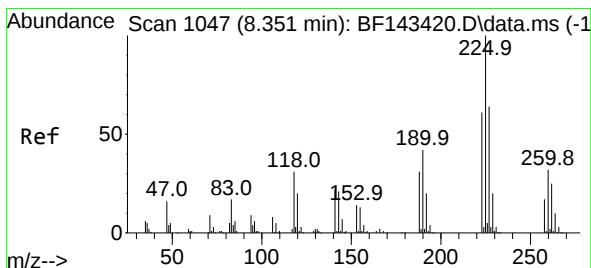
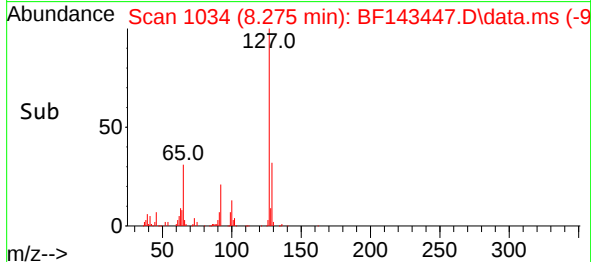
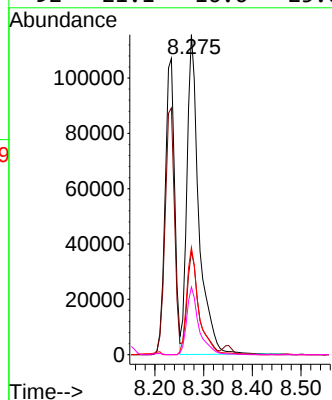
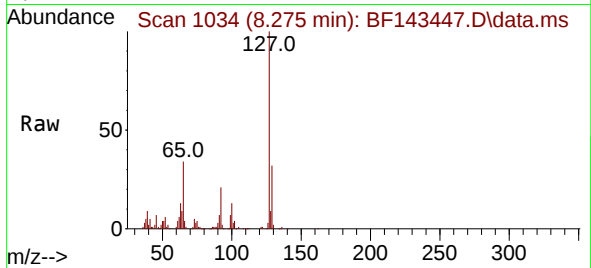




#33
4-Chloroaniline
Concen: 22.595 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

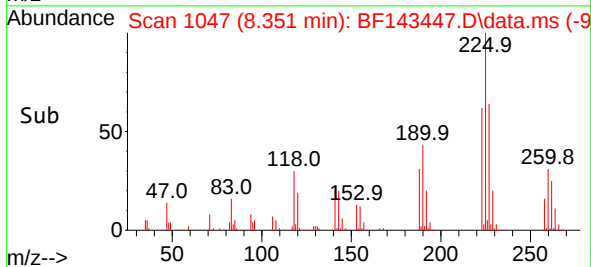
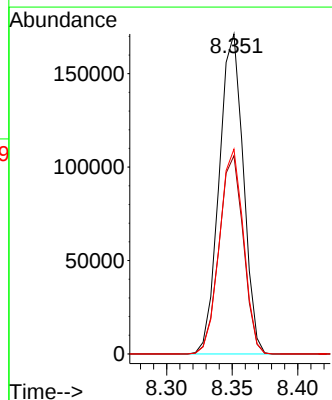
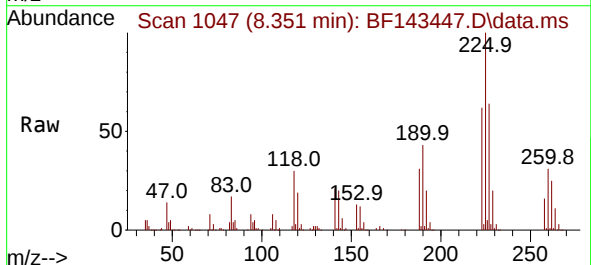
Instrument :
BNA_F
ClientSampleId :
PB169285BS

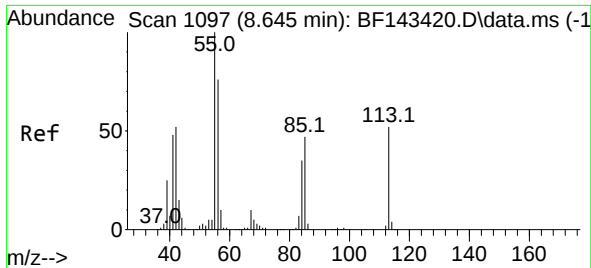
Tgt Ion:	127	Resp:	196996
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	33.5	27.2	40.8
92	21.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 46.906 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:	225	Resp:	219438
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.6
227	64.0	51.1	76.7

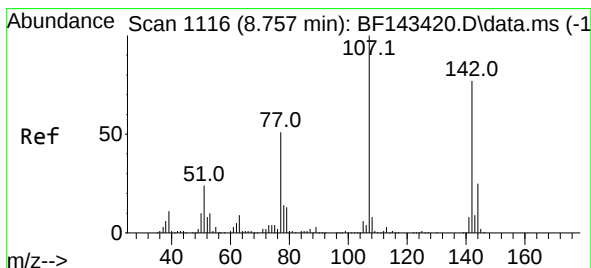
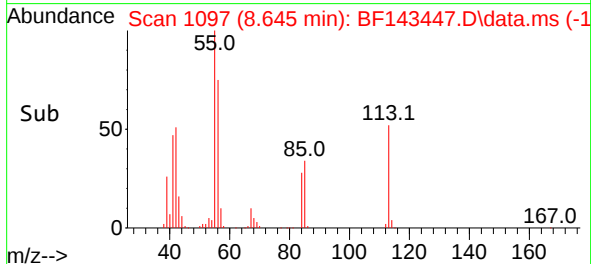
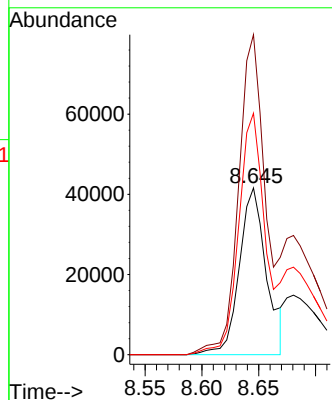
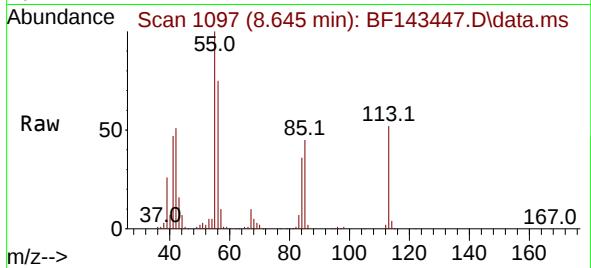




#35
 Caprolactam
 Concen: 33.435 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

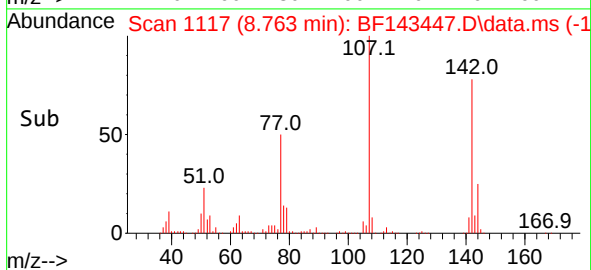
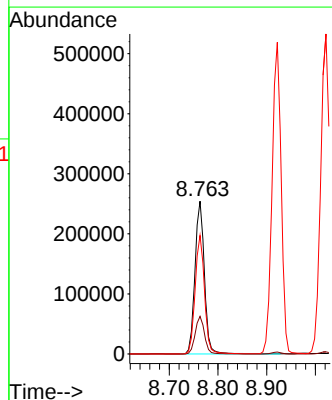
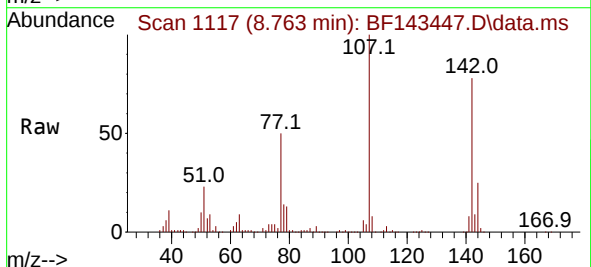
Instrument :
 BNA_F
 ClientSampleId :
 PB169285BS

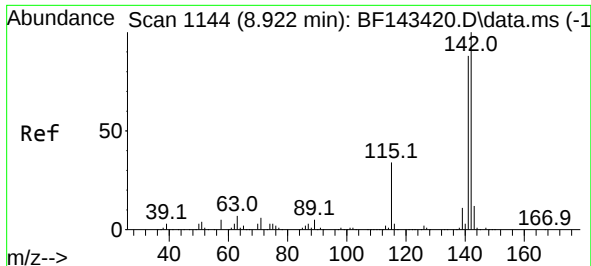
Tgt Ion:113 Resp: 68924
 Ion Ratio Lower Upper
 113 100
 55 192.0 174.7 214.7
 56 144.8 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.572 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

Tgt Ion:107 Resp: 343428
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.6 62.0 93.0

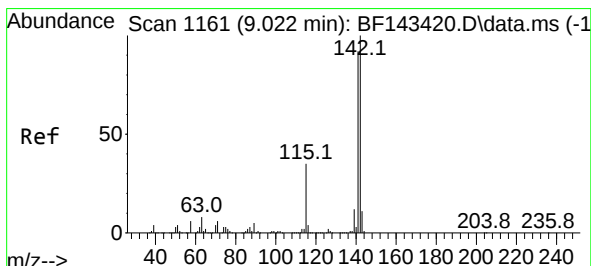
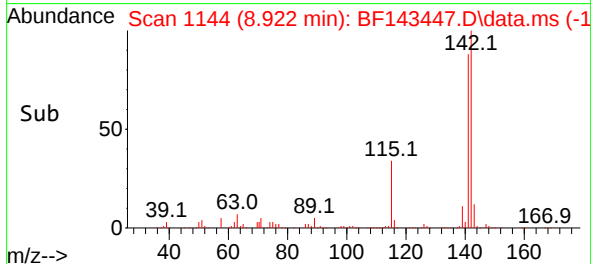
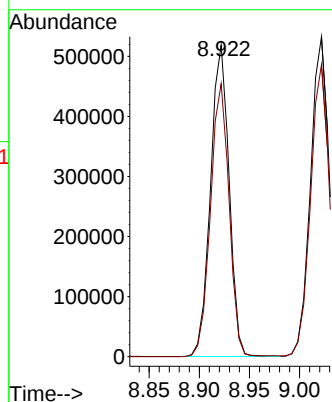
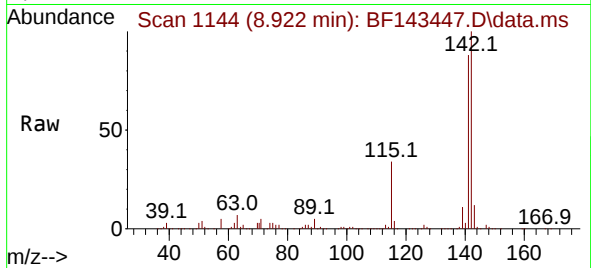




#37
2-Methylnaphthalene
Concen: 41.144 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

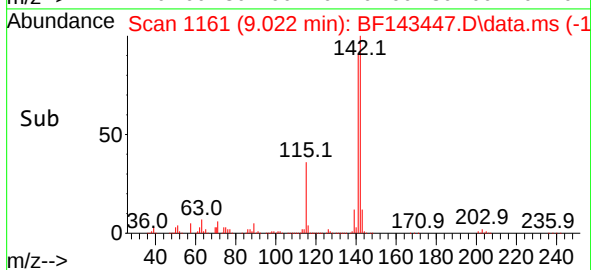
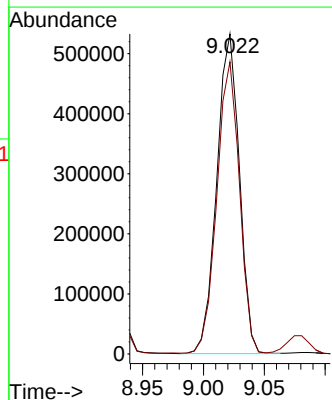
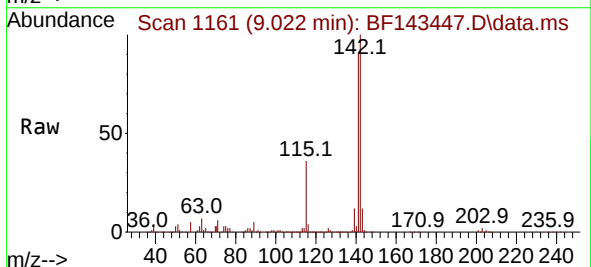
Instrument :
BNA_F
ClientSampleId :
PB169285BS

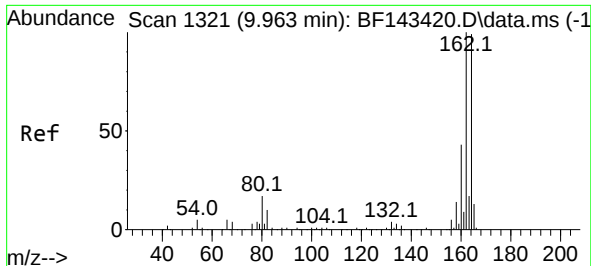
Tgt Ion:142 Resp: 669878
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5



#38
1-Methylnaphthalene
Concen: 44.074 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

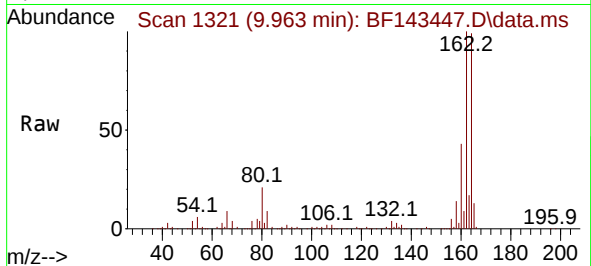
Tgt Ion:142 Resp: 687519
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6



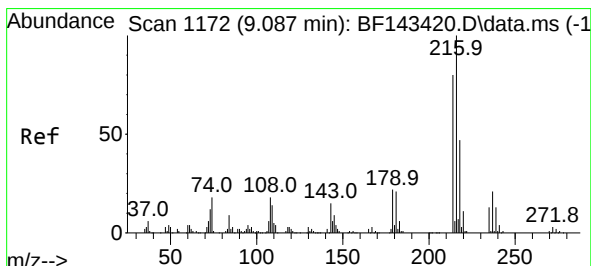
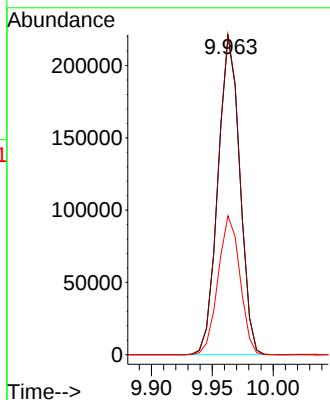
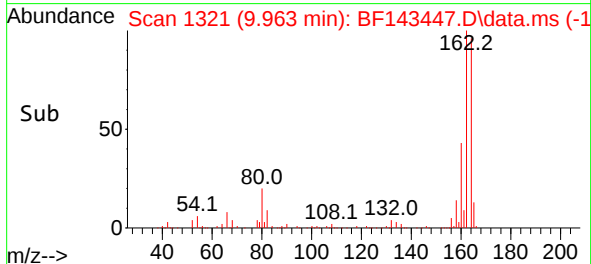


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

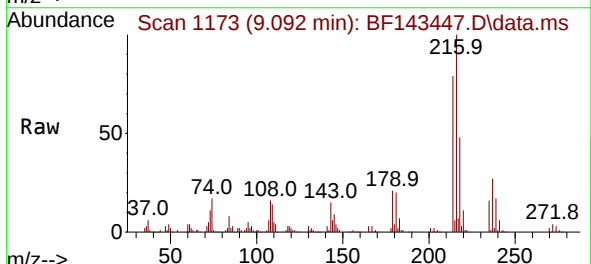
Instrument :
BNA_F
ClientSampleId :
PB169285BS



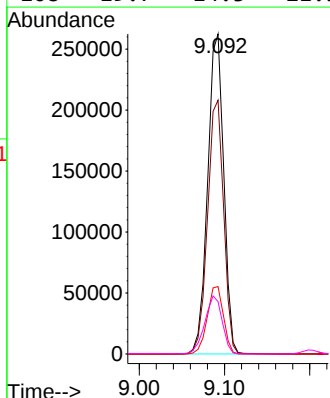
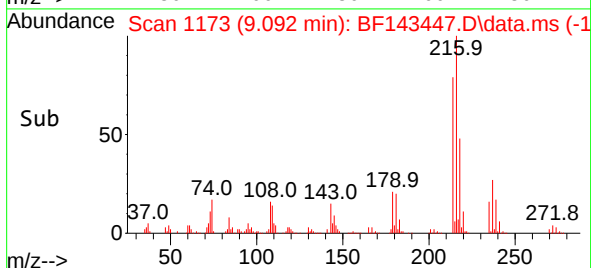
Tgt Ion:164 Resp: 275188
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 43.7 34.6 51.8

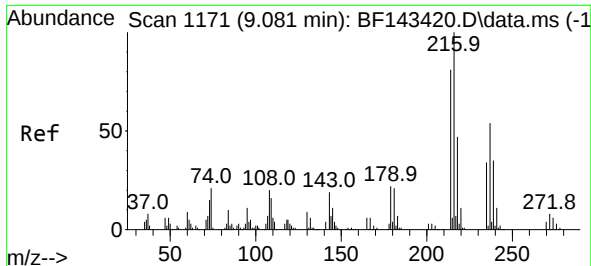


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.719 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34



Tgt Ion:216 Resp: 343203
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.2 17.0 25.4
108 19.7 14.3 21.5

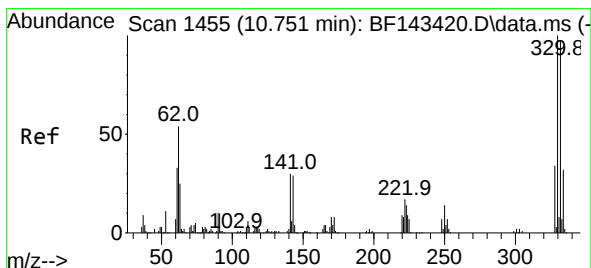
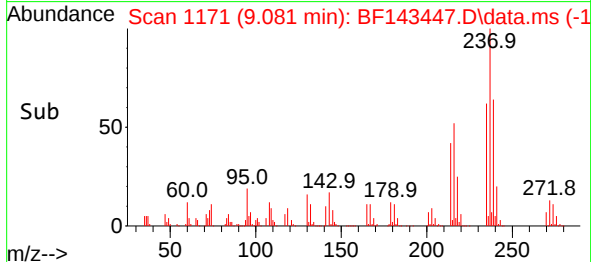
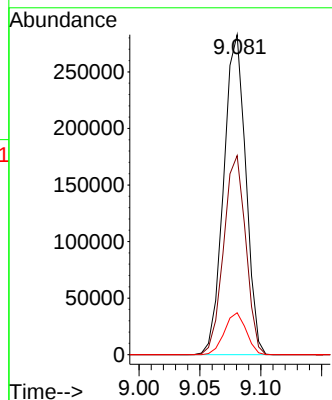
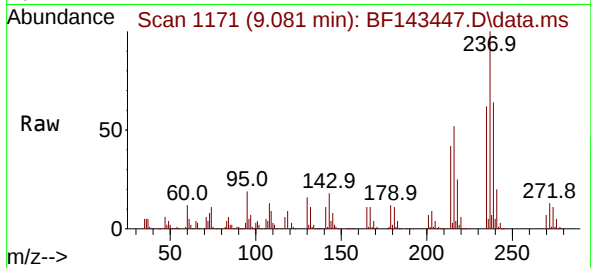




#41
Hexachlorocyclopentadiene
Concen: 123.490 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

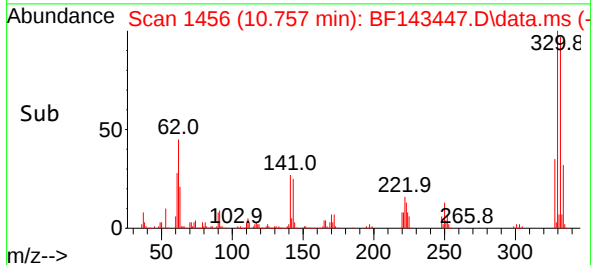
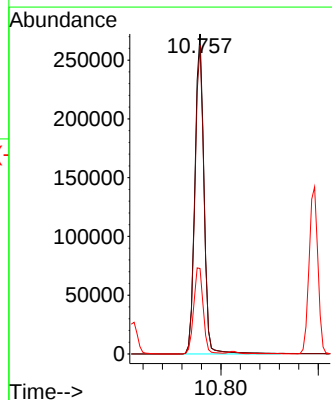
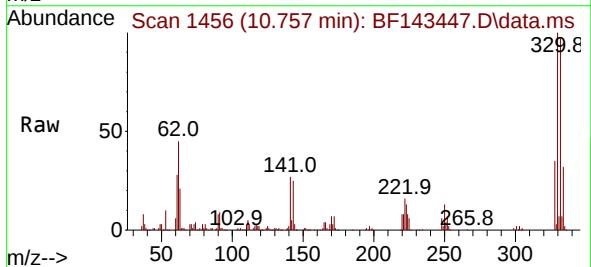
Instrument :
BNA_F
ClientSampleId :
PB169285BS

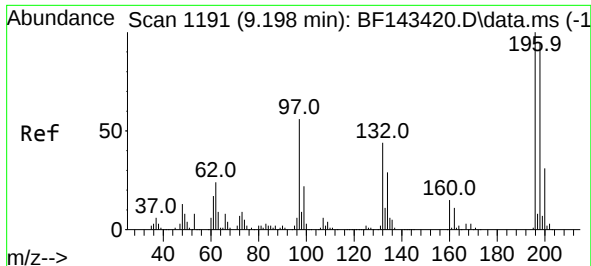
Tgt Ion:237 Resp: 356578
Ion Ratio Lower Upper
237 100
235 62.2 41.6 81.6
272 13.1 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 144.259 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:330 Resp: 353346
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 28.3 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 47.798 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

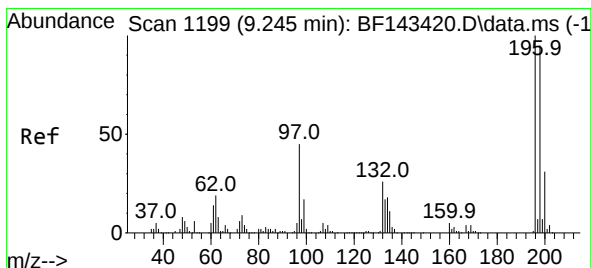
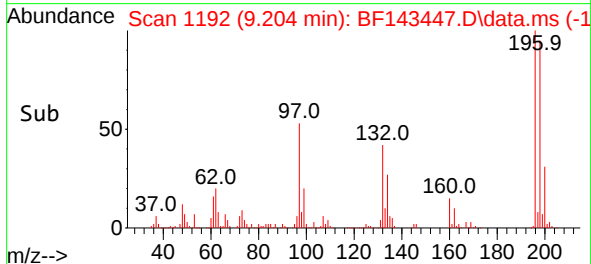
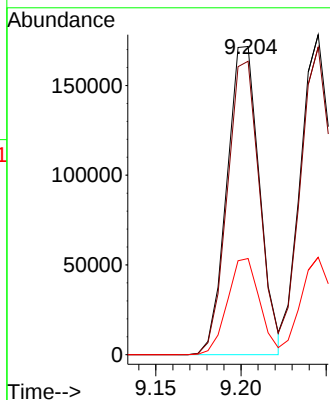
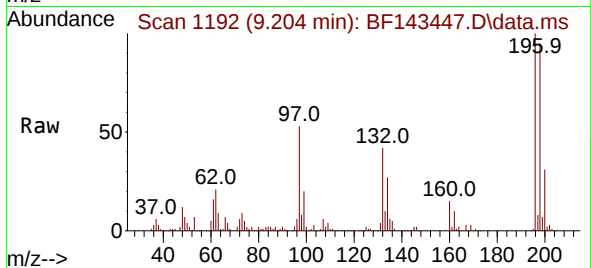
Tgt Ion:196 Resp: 228830

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.2

200 31.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 47.270 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Tgt Ion:196 Resp: 242581

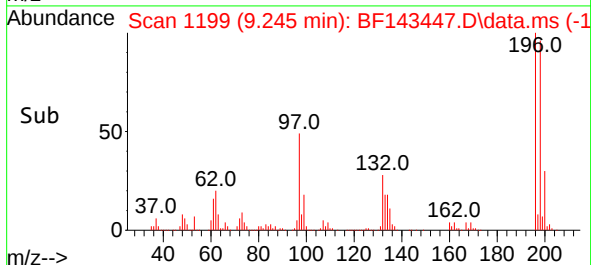
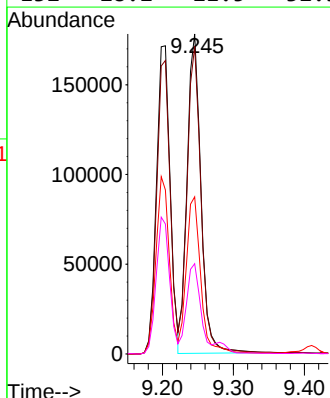
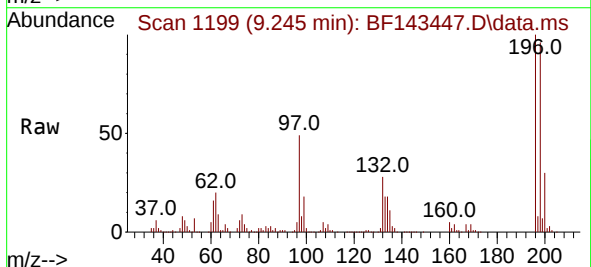
Ion Ratio Lower Upper

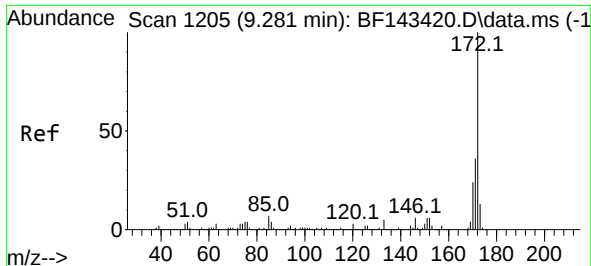
196 100

198 96.1 76.2 114.4

97 49.1 36.6 55.0

132 28.2 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 86.649 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

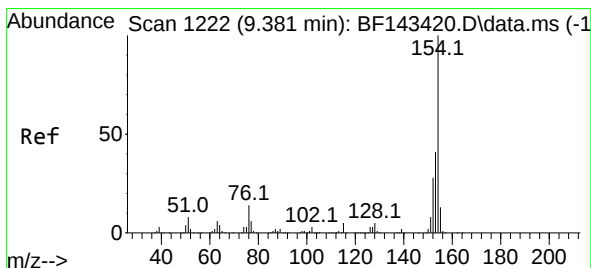
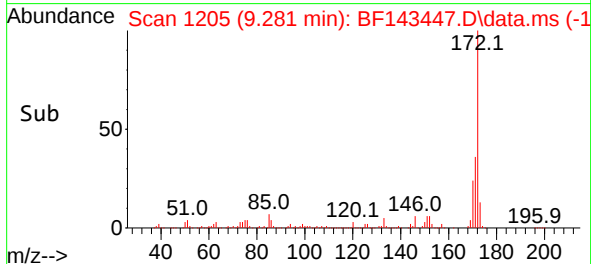
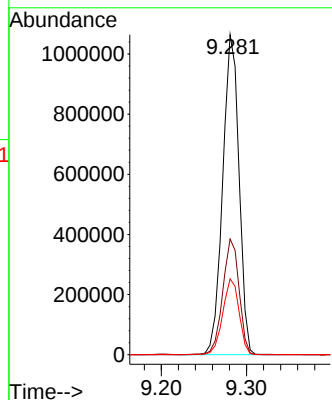
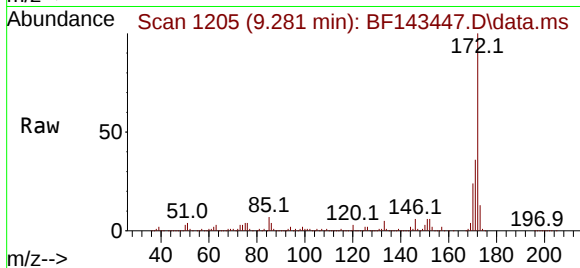
Tgt Ion:172 Resp: 1417654

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.652 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

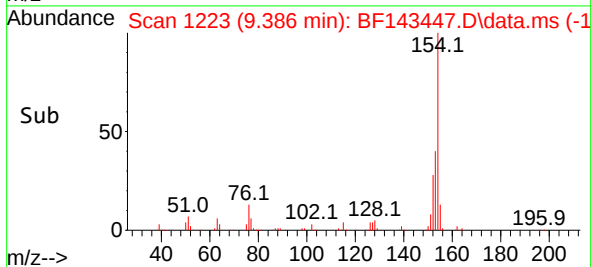
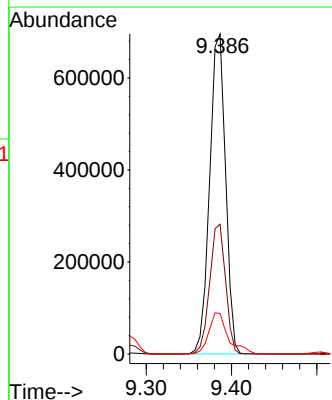
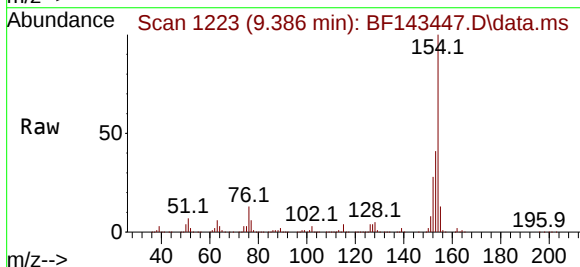
Tgt Ion:154 Resp: 902027

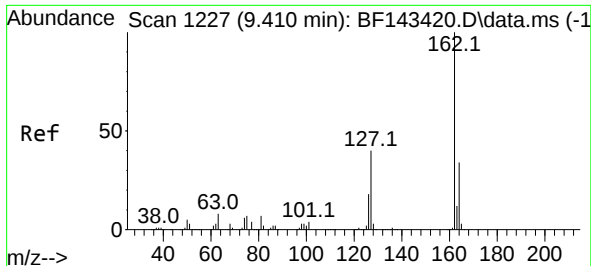
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 12.7 0.0 33.8

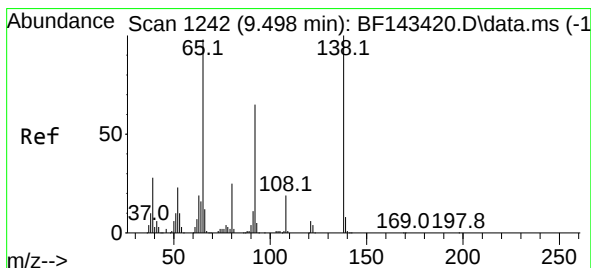
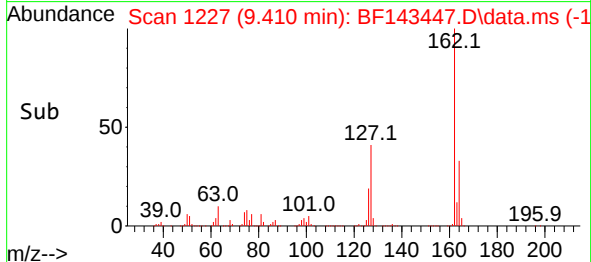
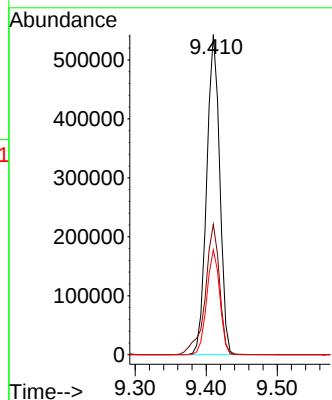
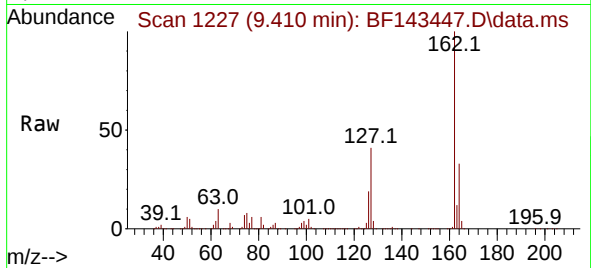




#47
2-Chloronaphthalene
Concen: 45.385 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

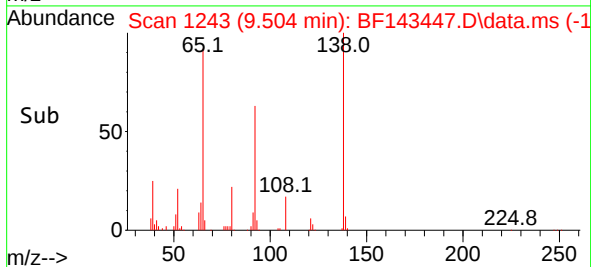
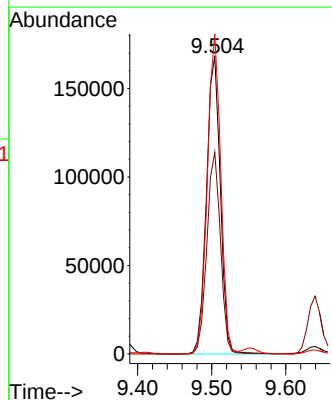
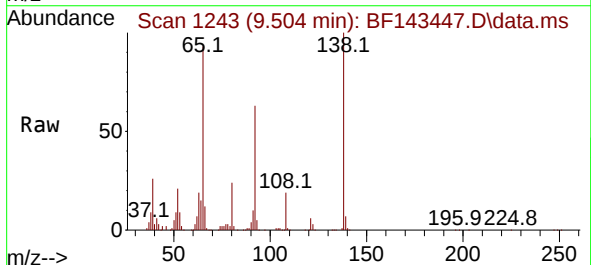
Instrument :
BNA_F
ClientSampleId :
PB169285BS

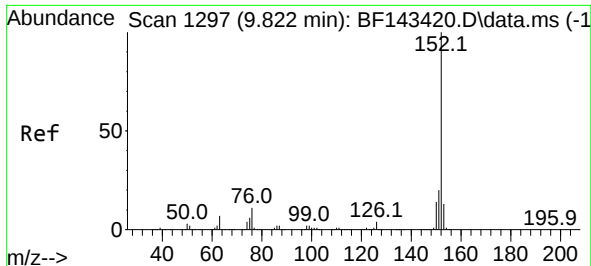
Tgt Ion:162 Resp: 692681
Ion Ratio Lower Upper
162 100
127 40.7 32.3 48.5
164 32.7 26.9 40.3



#48
2-Nitroaniline
Concen: 48.219 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion: 65 Resp: 219009
Ion Ratio Lower Upper
65 100
92 67.7 52.9 79.3
138 107.3 81.3 121.9

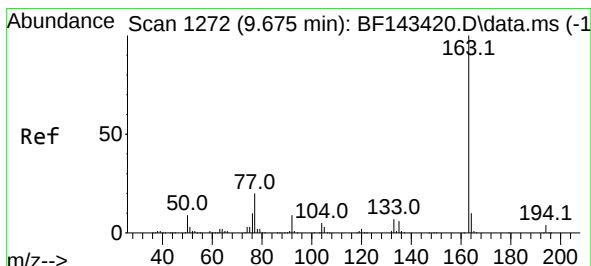
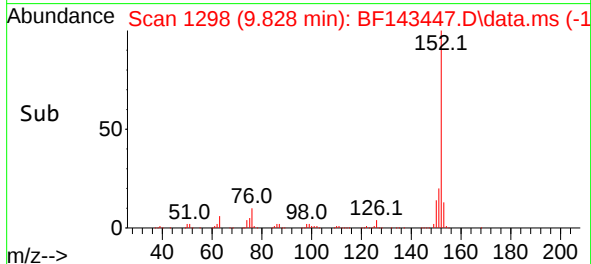
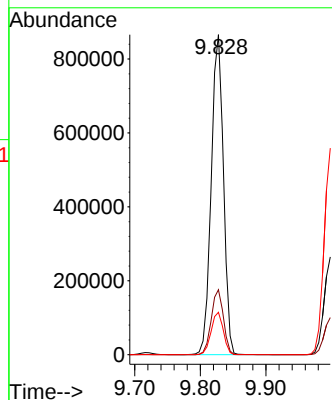
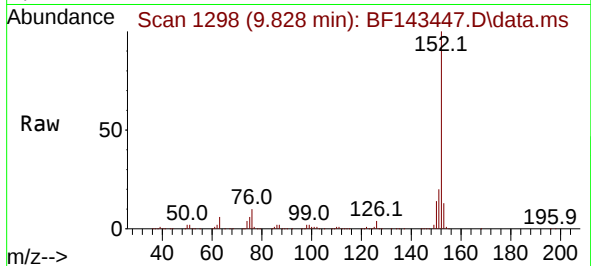




#49
Acenaphthylene
Concen: 50.903 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

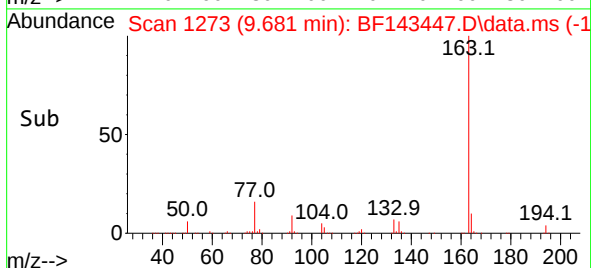
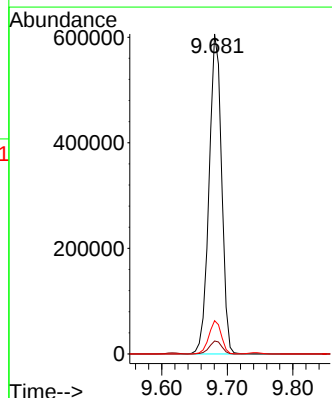
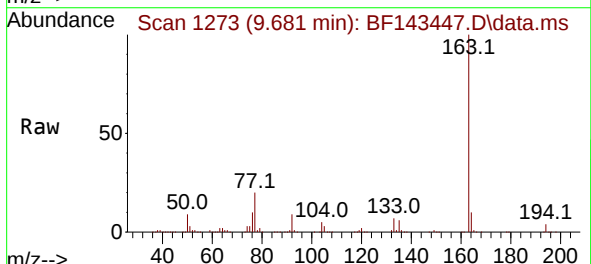
Instrument :
BNA_F
ClientSampleId :
PB169285BS

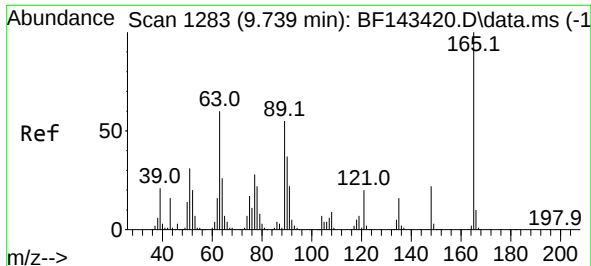
Tgt Ion:152 Resp: 1121721
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 47.009 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:163 Resp: 806527
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 53.231 ng

RT: 9.745 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

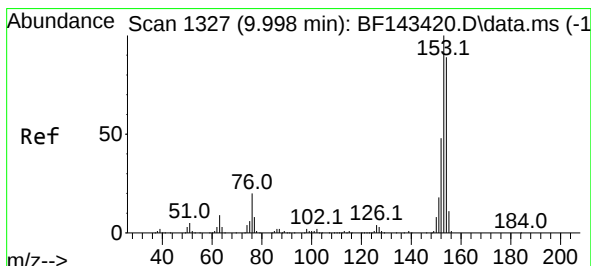
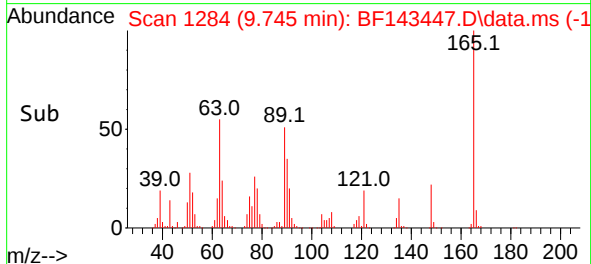
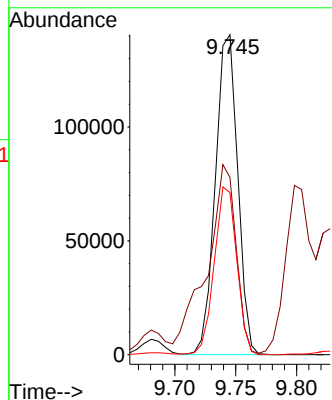
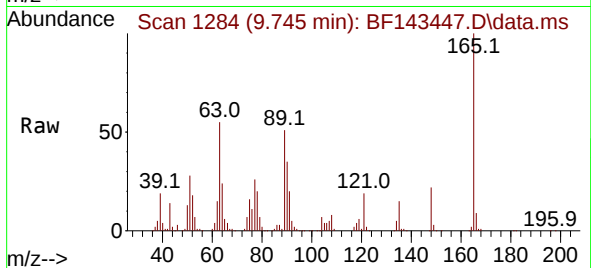
Tgt Ion:165 Resp: 180033

Ion Ratio Lower Upper

165 100

63 55.4 48.2 72.2

89 50.6 44.2 66.2



#52

Acenaphthene

Concen: 49.601 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

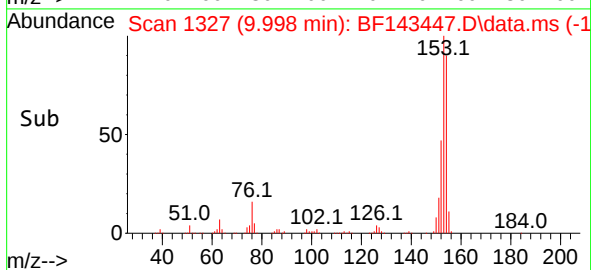
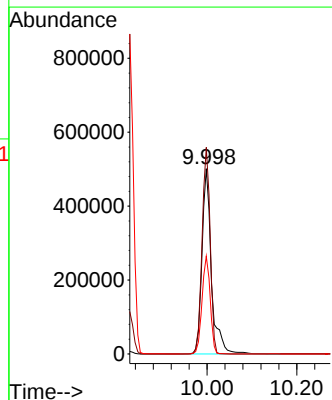
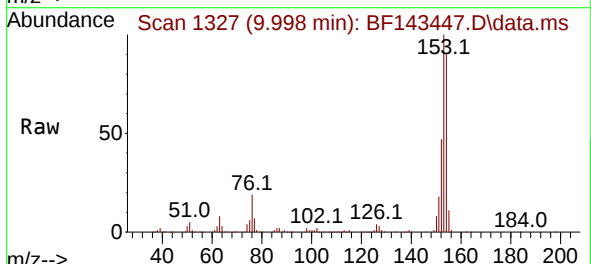
Tgt Ion:154 Resp: 735147

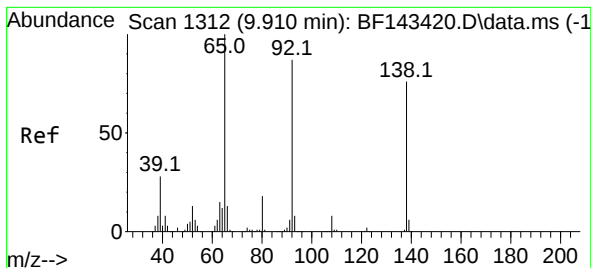
Ion Ratio Lower Upper

154 100

153 111.5 89.5 134.3

152 52.8 42.6 64.0





#53

3-Nitroaniline

Concen: 29.667 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

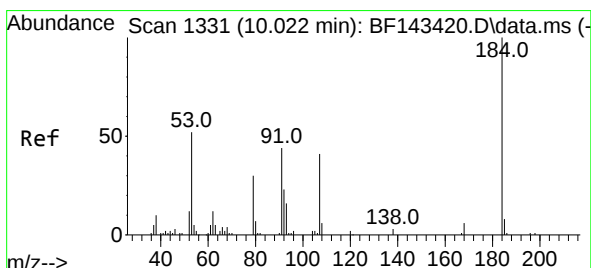
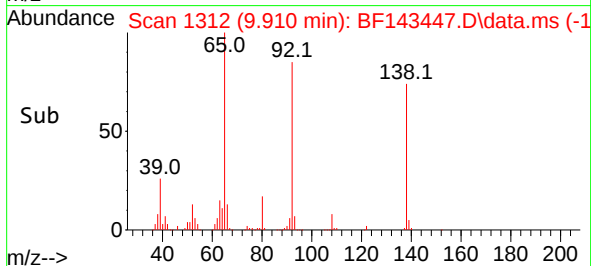
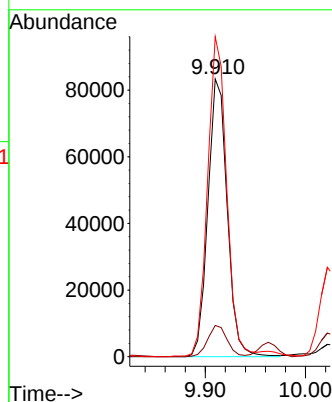
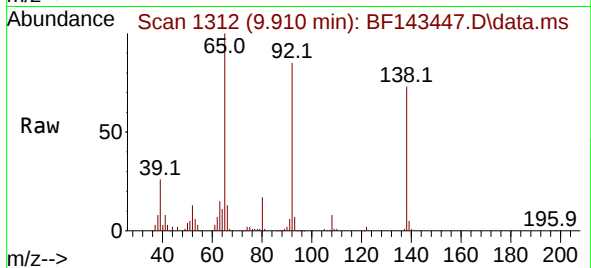
Tgt Ion:138 Resp: 111767

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

92 115.2 91.4 137.2



#54

2,4-Dinitrophenol

Concen: 106.583 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

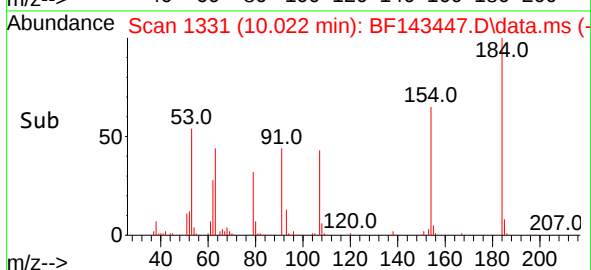
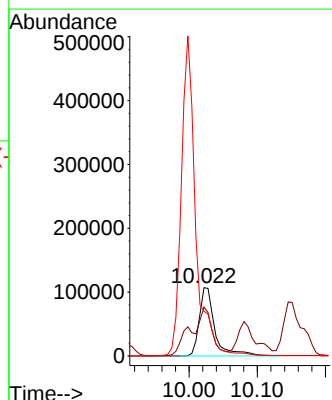
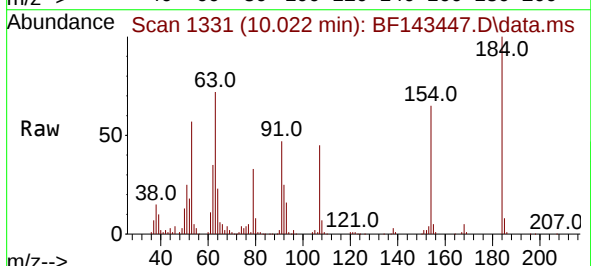
Tgt Ion:184 Resp: 170836

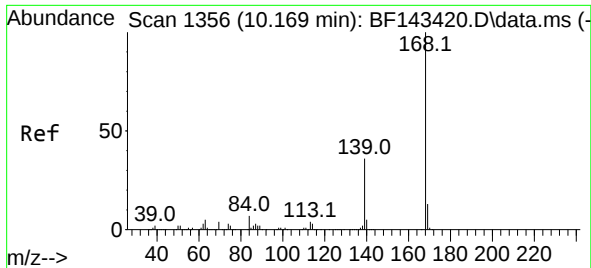
Ion Ratio Lower Upper

184 100

63 71.8 53.2 79.8

154 65.4 51.3 76.9

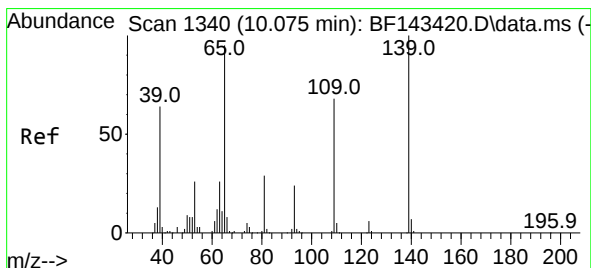
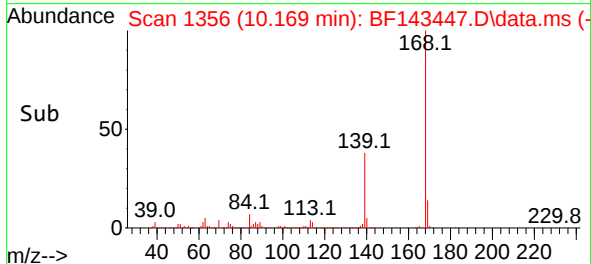
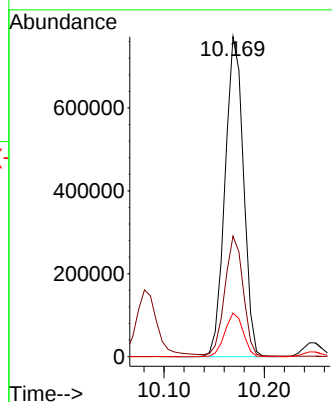
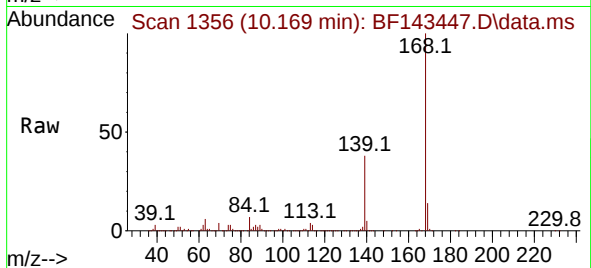




#55
Dibenzofuran
Concen: 46.056 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

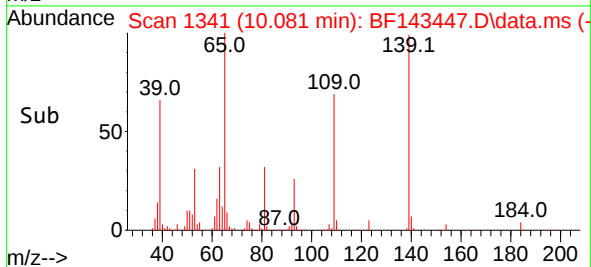
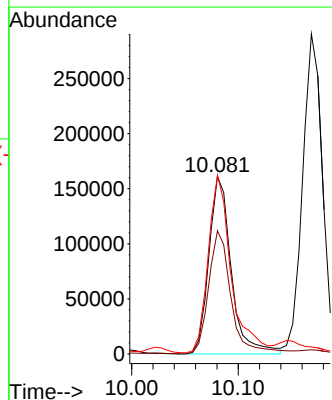
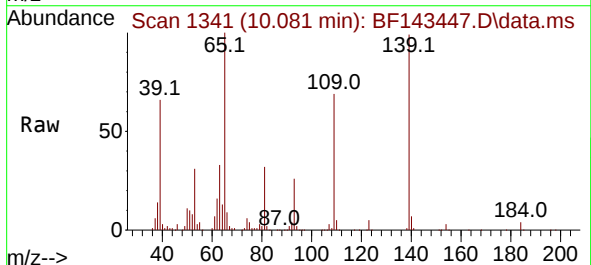
Instrument :
BNA_F
ClientSampleId :
PB169285BS

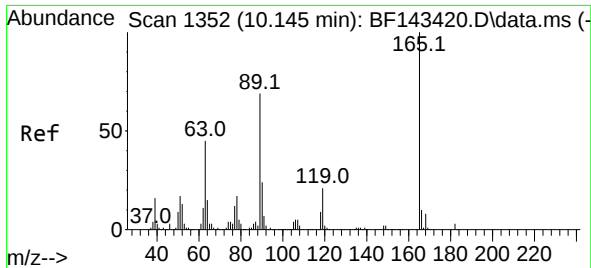
Tgt Ion:168 Resp: 984704
Ion Ratio Lower Upper
168 100
139 37.6 29.3 43.9
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 99.662 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:139 Resp: 236057
Ion Ratio Lower Upper
139 100
109 69.4 47.7 87.7
65 100.7 76.4 116.4

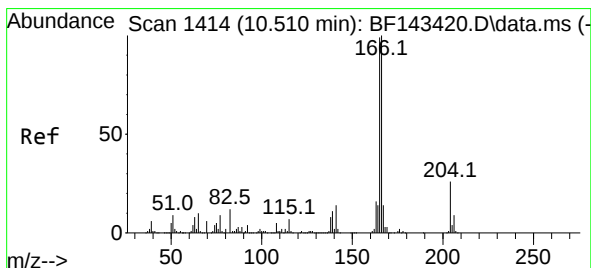
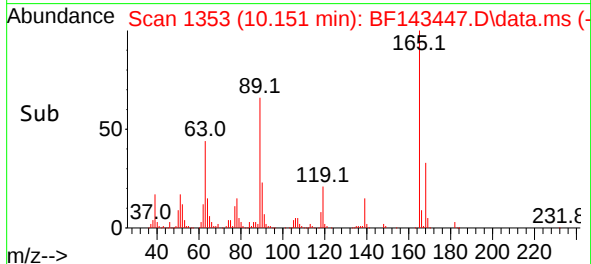
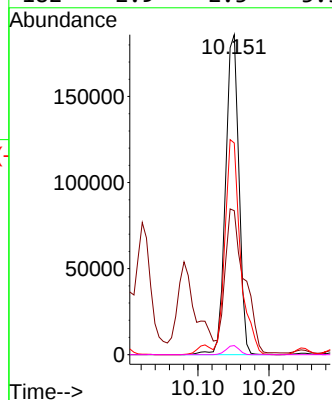
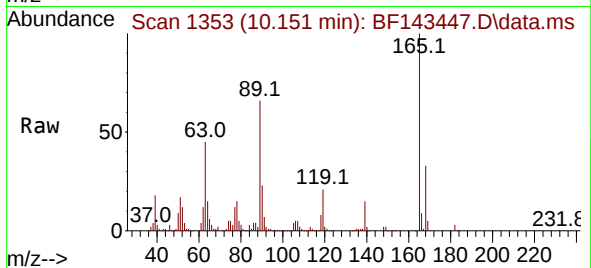




#57
2,4-Dinitrotoluene
Concen: 53.578 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

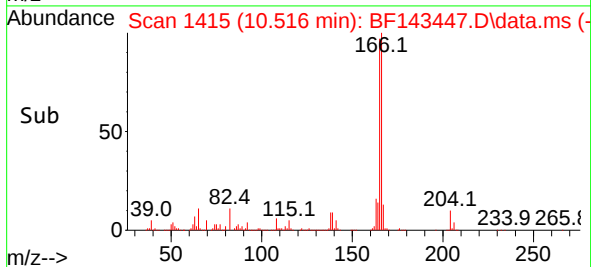
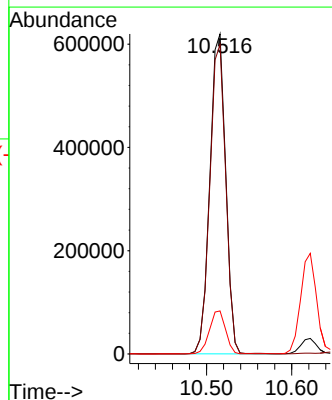
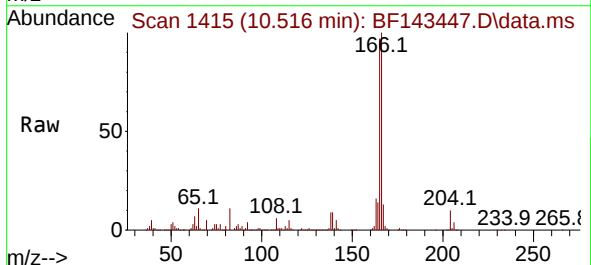
Instrument :
BNA_F
ClientSampleId :
PB169285BS

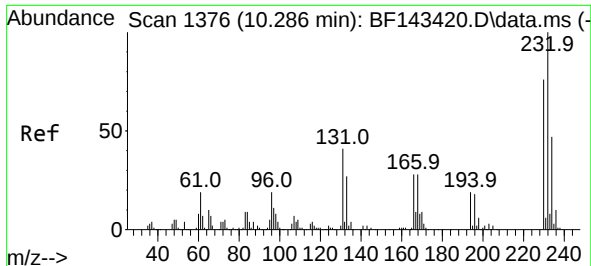
Tgt Ion:165 Resp: 241594
Ion Ratio Lower Upper
165 100
63 45.0 37.0 55.6
89 66.2 55.4 83.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 48.679 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:166 Resp: 799557
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 13.4 10.9 16.3

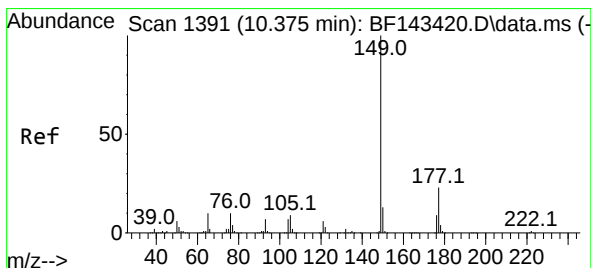
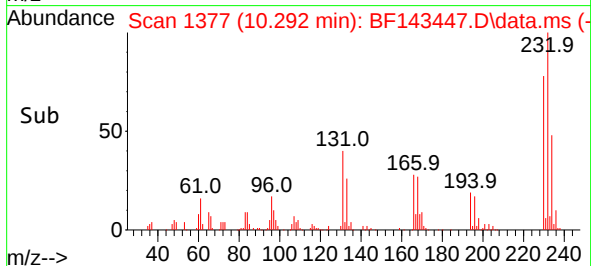
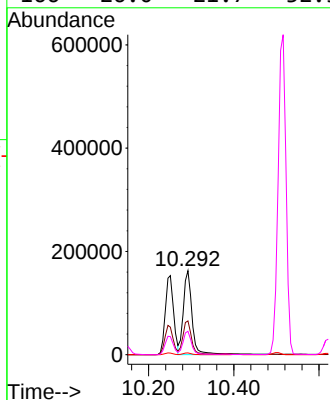
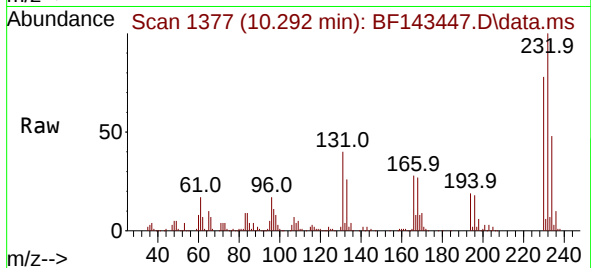




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.238 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

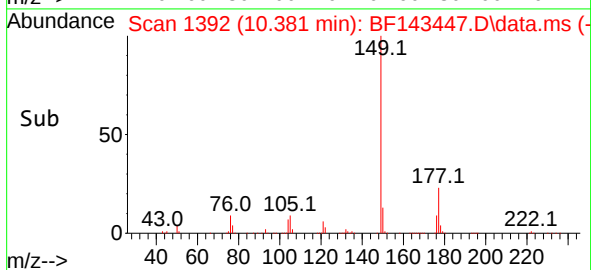
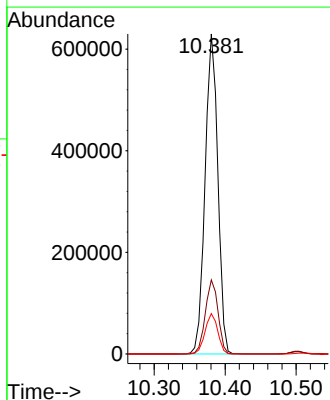
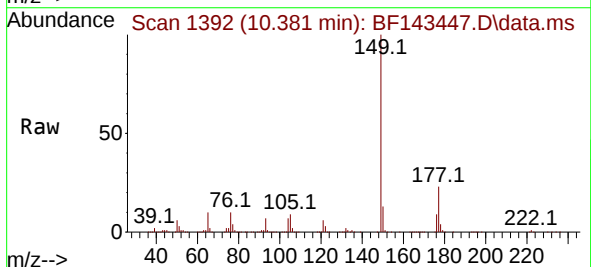
Instrument :
BNA_F
ClientSampleId :
PB169285BS

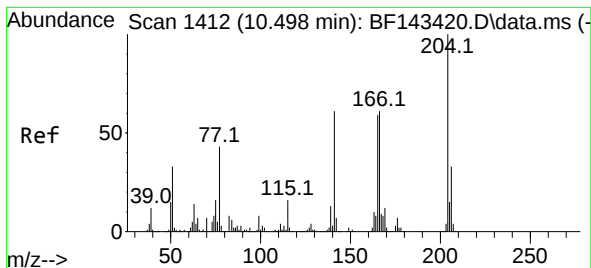
Tgt Ion:232 Resp: 230118
Ion Ratio Lower Upper
232 100
131 40.0 32.0 48.0
130 1.9 1.7 2.5
166 26.0 21.7 32.5



#60
Diethylphthalate
Concen: 49.623 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:149 Resp: 786748
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.6 10.1 15.1

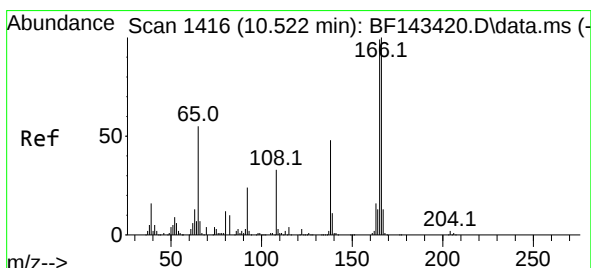
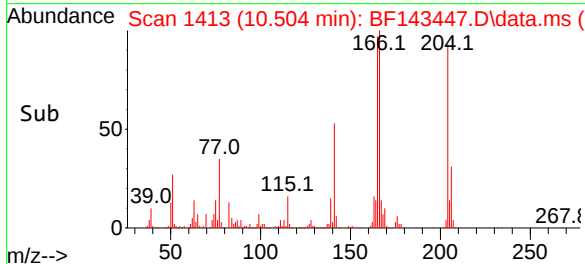
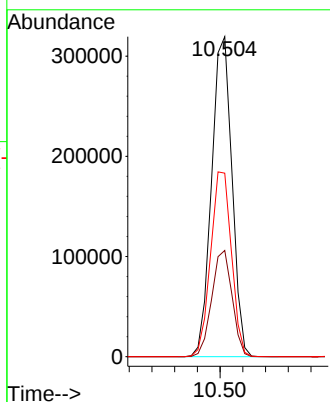
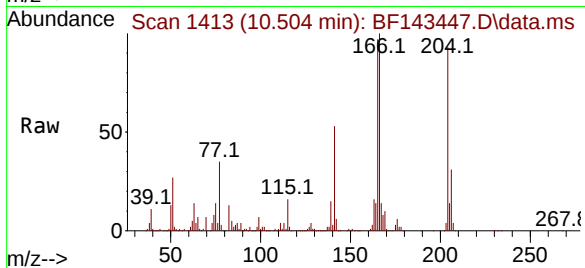




#61
4-Chlorophenyl-phenylether
Concen: 49.144 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

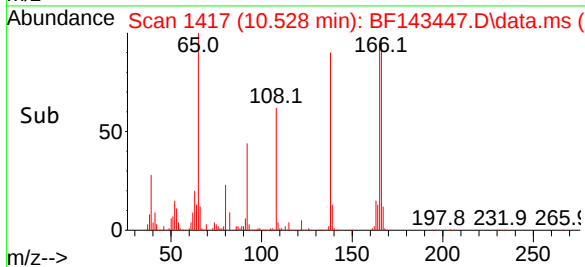
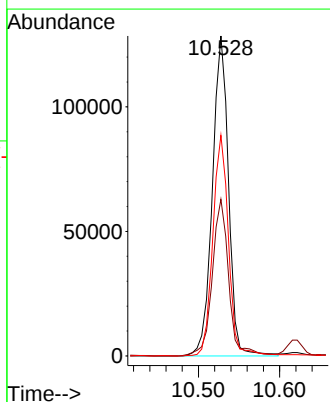
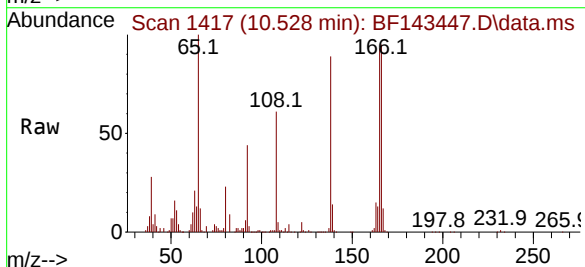
Instrument :
BNA_F
ClientSampleId :
PB169285BS

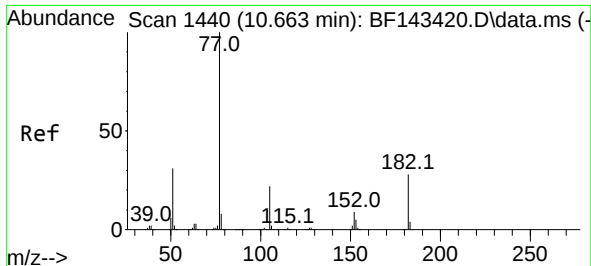
Tgt Ion:204 Resp: 399086
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 57.4 49.0 73.4



#62
4-Nitroaniline
Concen: 50.445 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:138 Resp: 177734
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 69.0 48.6 88.6

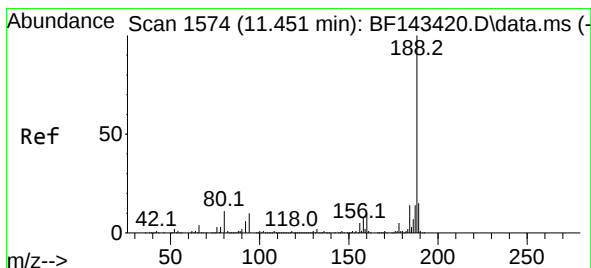
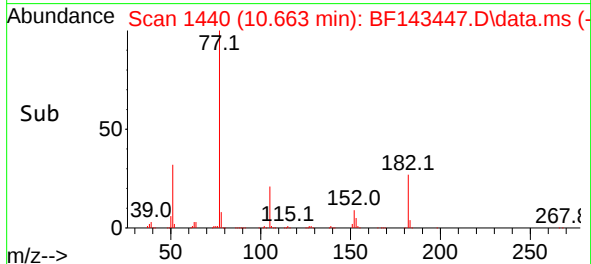
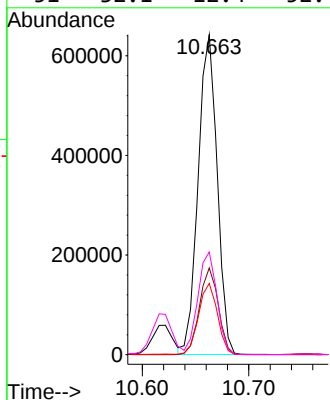
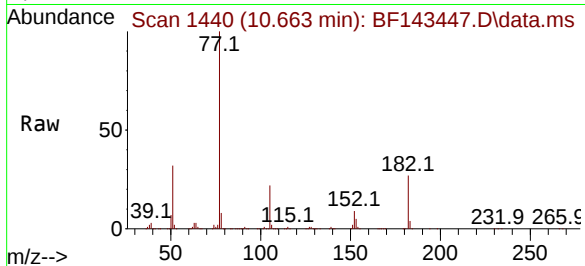




#63
Azobenzene
Concen: 49.807 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

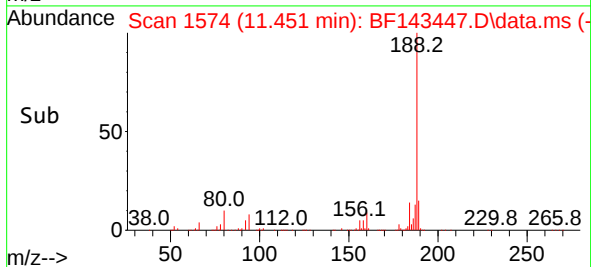
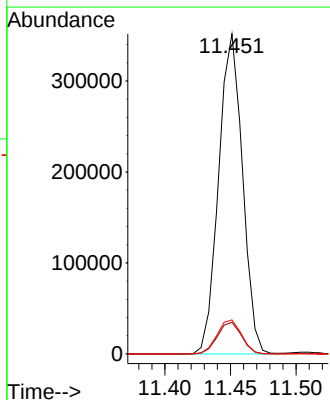
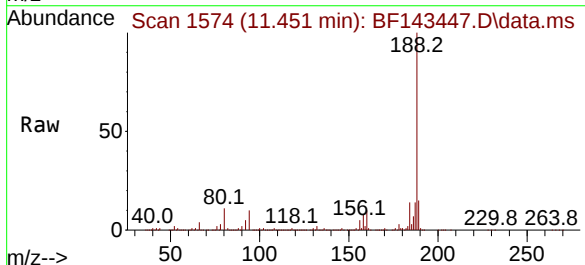
Instrument :
BNA_F
ClientSampleId :
PB169285BS

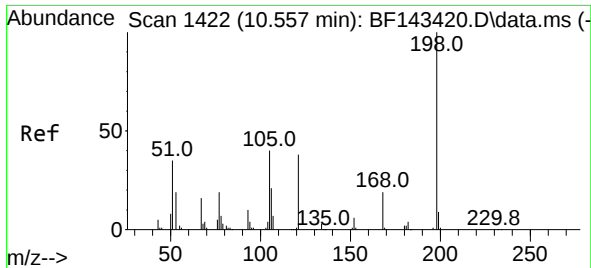
Tgt Ion: 77	Resp: 798109
Ion Ratio	Lower Upper
77 100	
182 27.1	7.4 47.4
105 22.2	1.7 41.7
51 32.1	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:188	Resp: 445207		
Ion Ratio	Lower	Upper	
188 100			
94 9.9	8.0	12.0	
80 10.7	8.6	12.8	

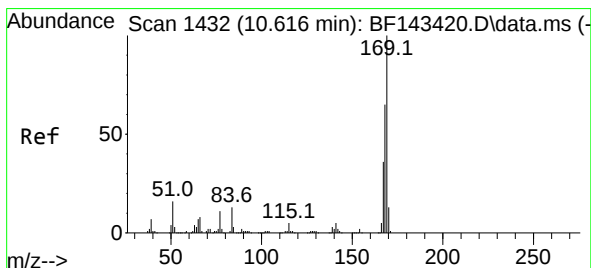
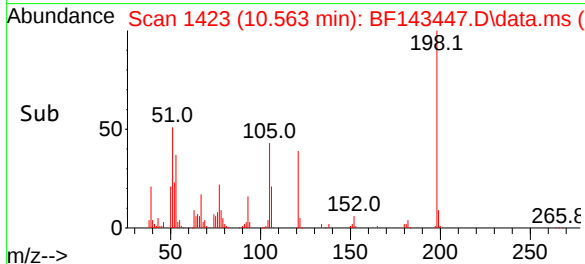
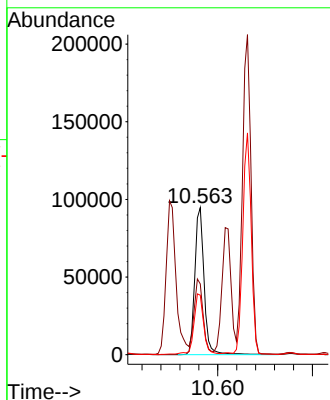
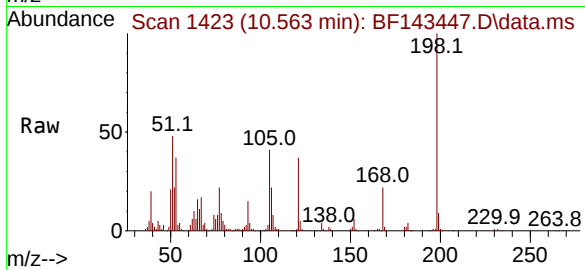




#65
4,6-Dinitro-2-methylphenol
Concen: 56.487 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

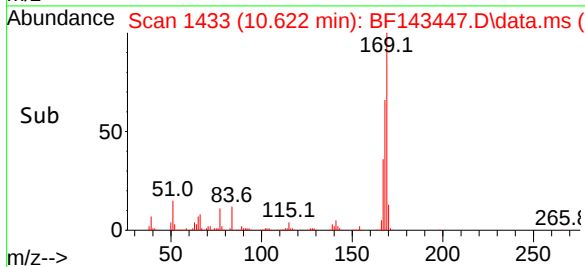
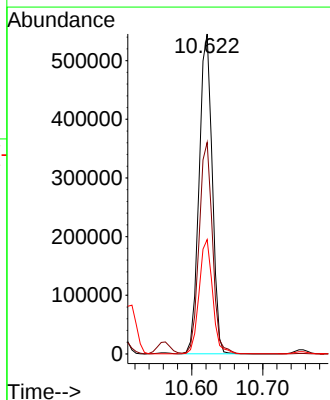
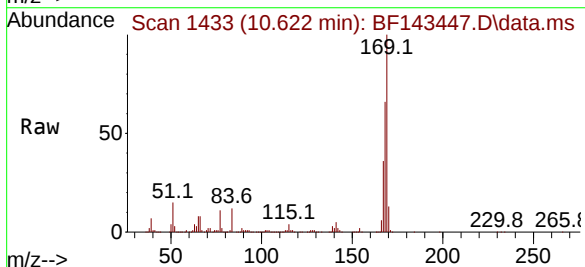
Instrument :
BNA_F
ClientSampleId :
PB169285BS

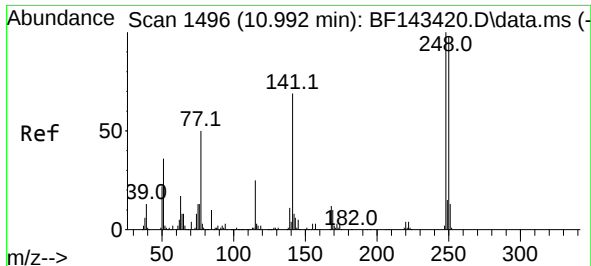
Tgt Ion:198 Resp: 129758
Ion Ratio Lower Upper
198 100
51 48.1 31.2 71.2
105 40.5 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 48.323 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:169 Resp: 699527
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 35.8 28.6 42.8

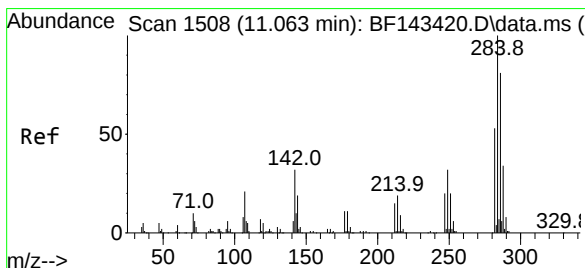
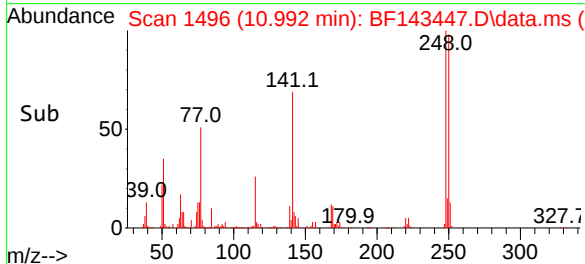
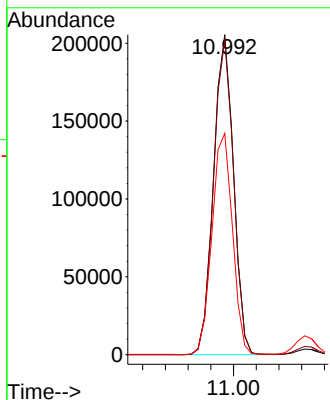
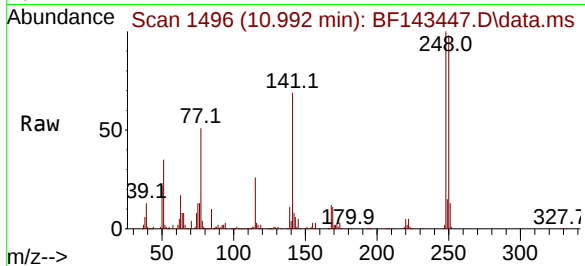




#67
4-Bromophenyl-phenylether
Concen: 47.961 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

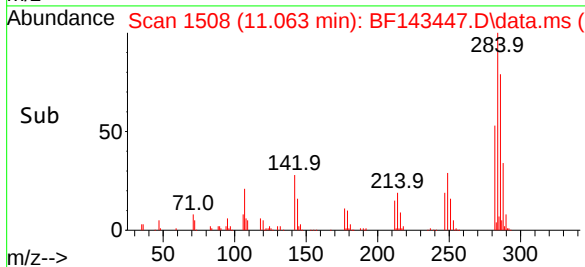
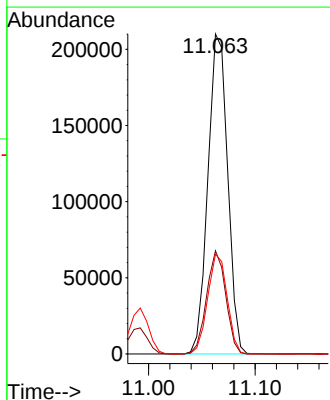
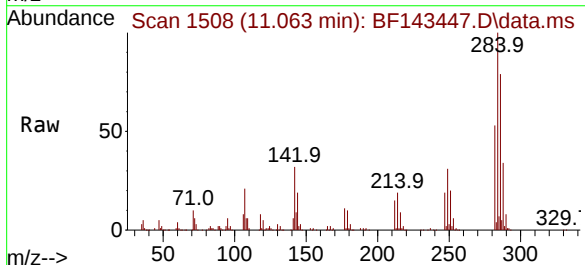
Instrument :
BNA_F
ClientSampleId :
PB169285BS

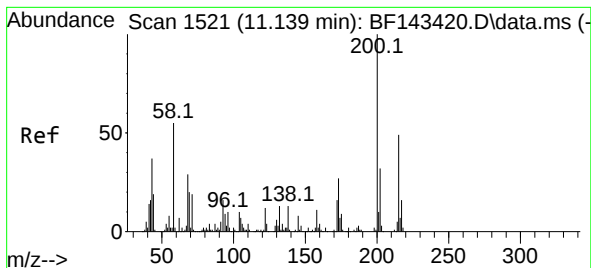
Tgt Ion:248 Resp: 252143
Ion Ratio Lower Upper
248 100
250 98.5 78.6 118.0
141 69.1 54.9 82.3



#68
Hexachlorobenzene
Concen: 48.324 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:284 Resp: 270084
Ion Ratio Lower Upper
284 100
142 32.2 25.4 38.2
249 31.2 25.4 38.0





#69

Atrazine

Concen: 48.865 ng

RT: 11.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

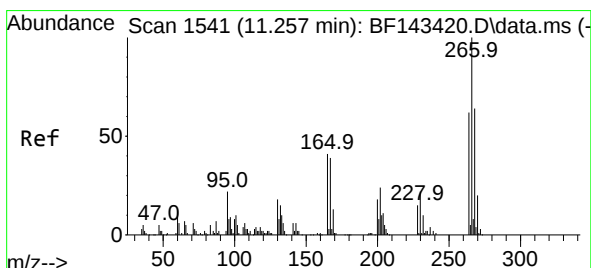
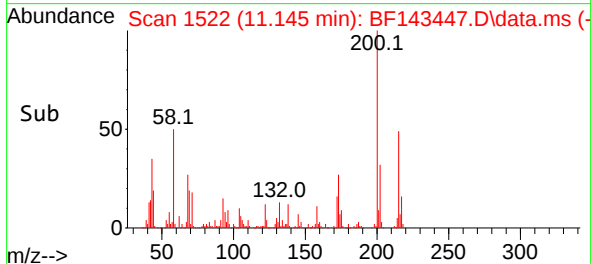
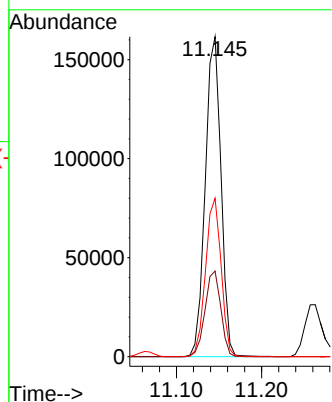
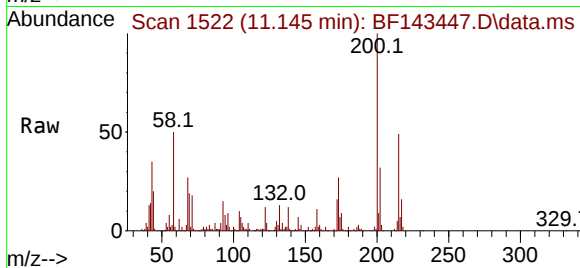
Tgt Ion:200 Resp: 206899

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 49.5 29.5 69.5



#70

Pentachlorophenol

Concen: 107.844 ng

RT: 11.263 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

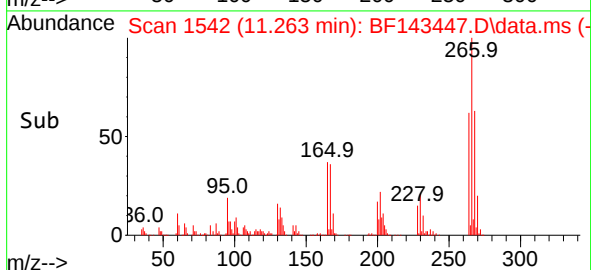
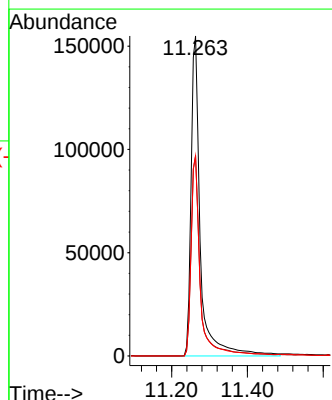
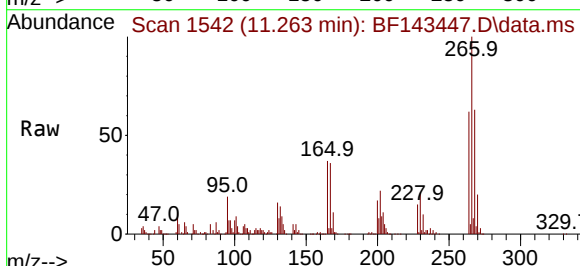
Tgt Ion:266 Resp: 265069

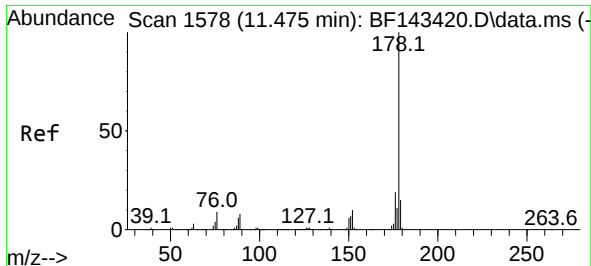
Ion Ratio Lower Upper

266 100

268 62.6 51.0 76.6

264 62.5 49.3 73.9

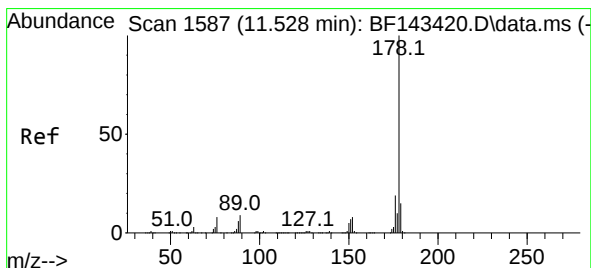
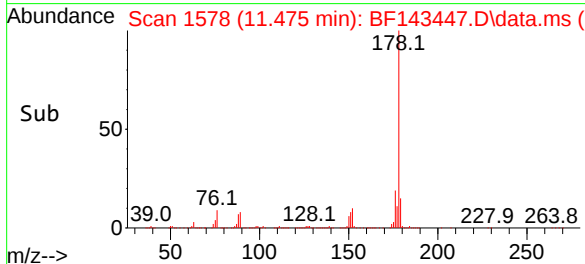
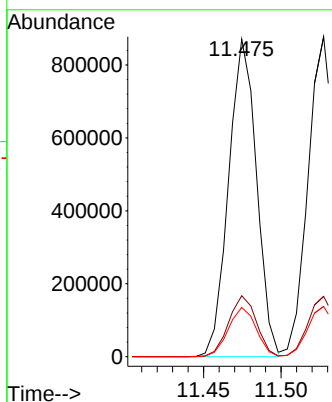
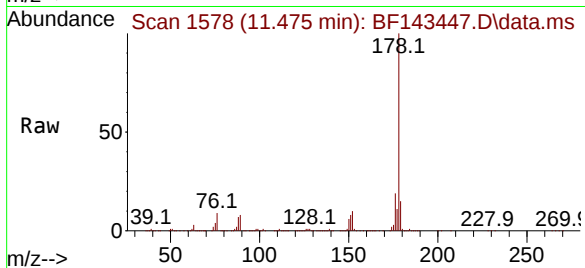




#71
Phenanthrene
Concen: 45.218 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

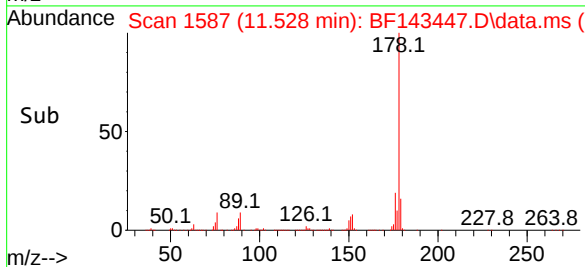
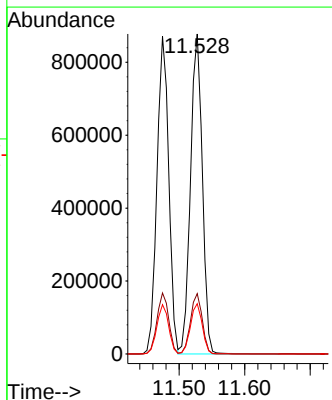
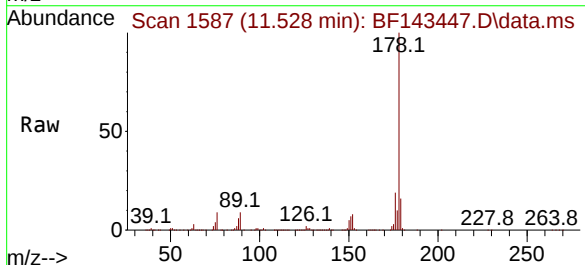
Instrument :
BNA_F
ClientSampleId :
PB169285BS

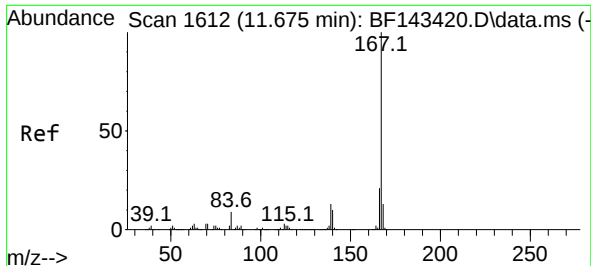
Tgt Ion:178 Resp: 1090159
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 45.149 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:178 Resp: 1099395
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.7 12.2 18.4

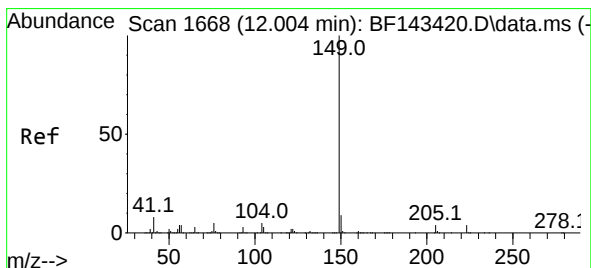
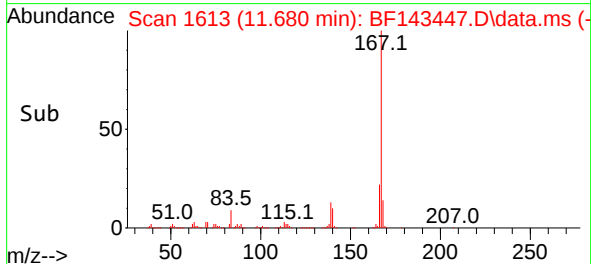
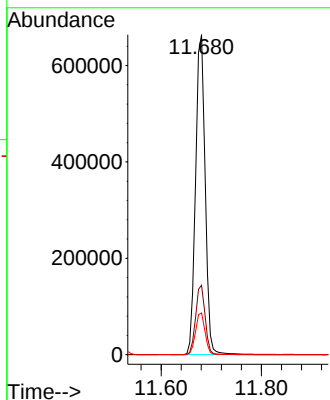
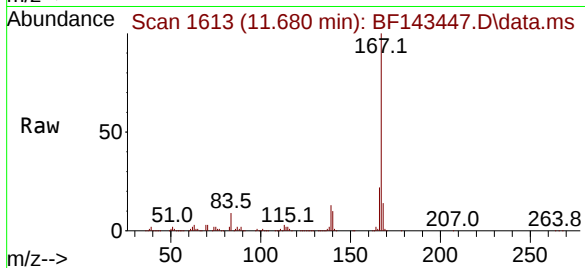




#73
Carbazole
Concen: 42.754 ng
RT: 11.680 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

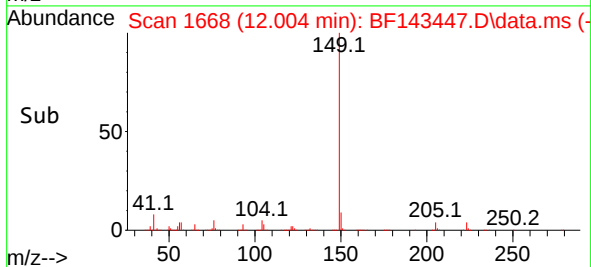
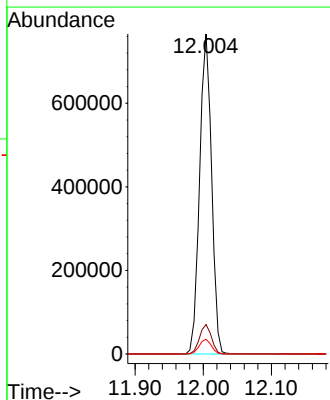
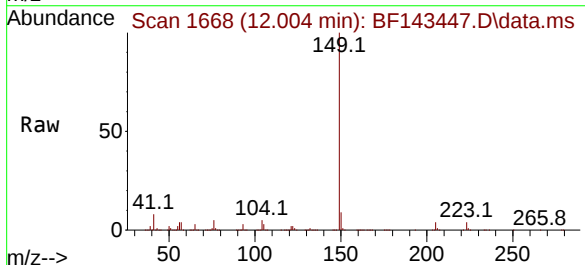
Instrument :
BNA_F
ClientSampleId :
PB169285BS

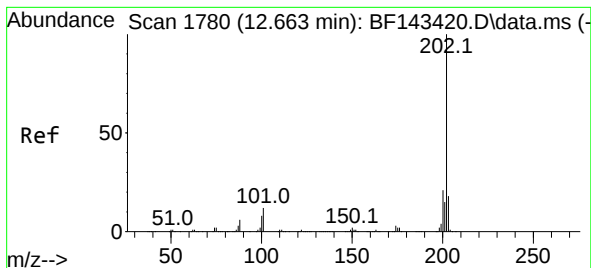
Tgt Ion:167 Resp: 880493
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.0 10.1 15.1



#74
Di-n-butylphthalate
Concen: 45.512 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:149 Resp: 933376
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 42.427 ng

RT: 12.663 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

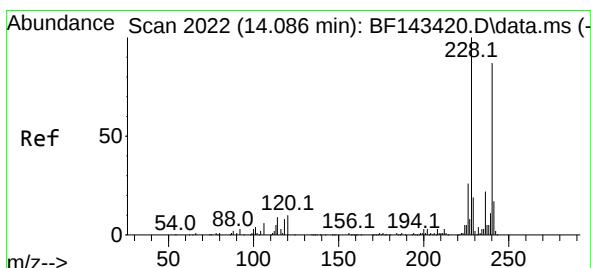
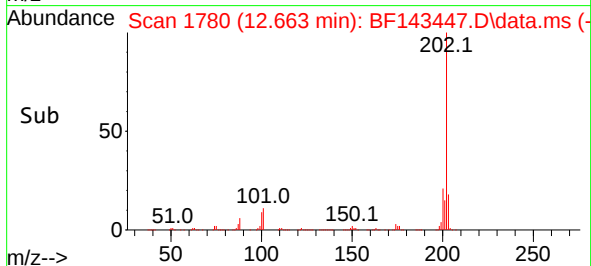
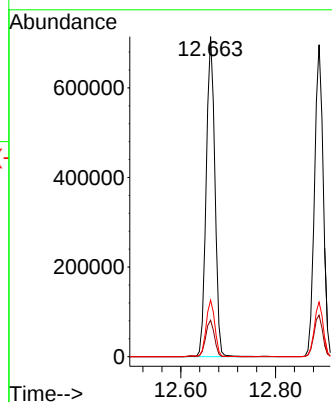
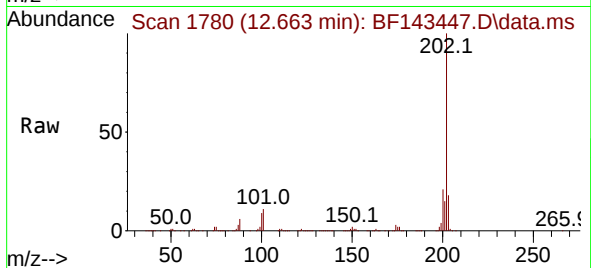
Tgt Ion:202 Resp: 908869

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

203 17.7 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: BF143447.D

Acq: 19 Aug 2025 10:34

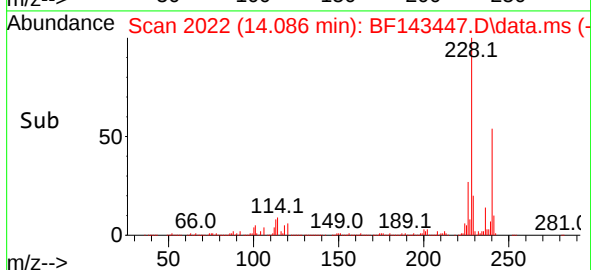
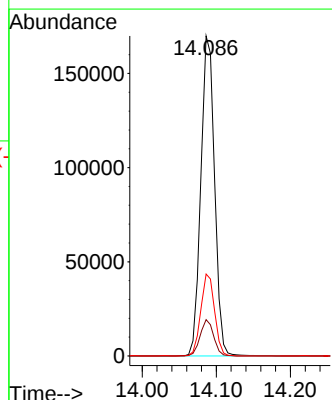
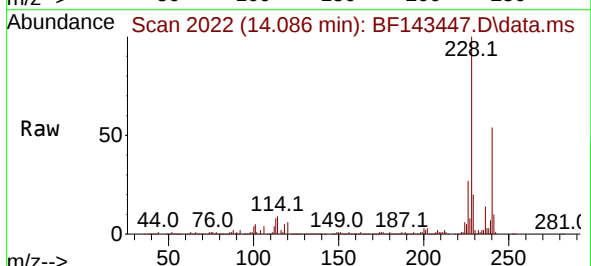
Tgt Ion:240 Resp: 219482

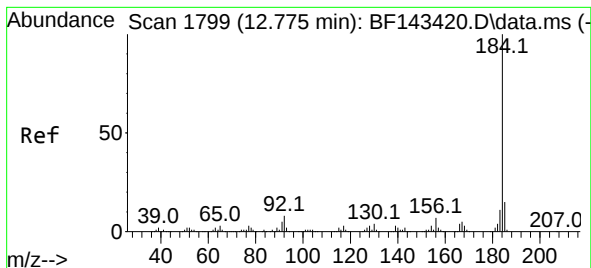
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.6 20.2 30.2





#77

Benzidine

Concen: 34.793 ng

RT: 12.780 min Scan# 1800

Delta R.T. 0.005 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

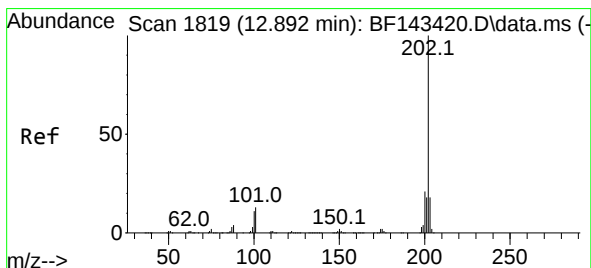
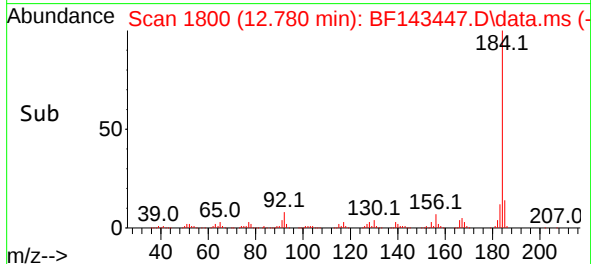
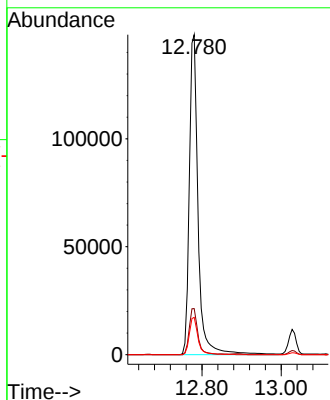
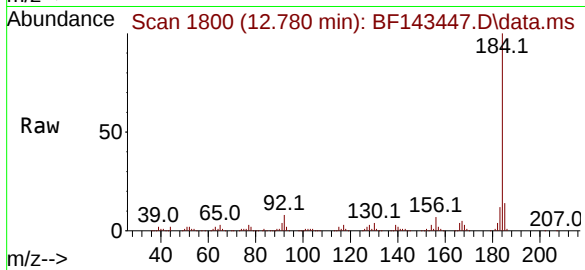
Tgt Ion:184 Resp: 228043

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

183 11.7 9.2 13.8



#78

Pyrene

Concen: 46.437 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

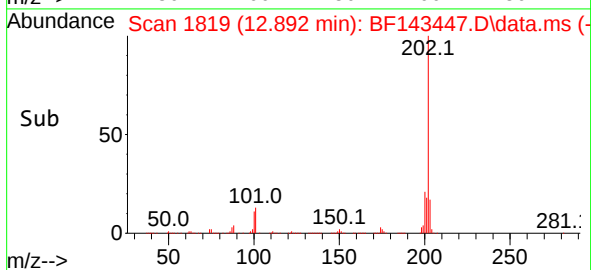
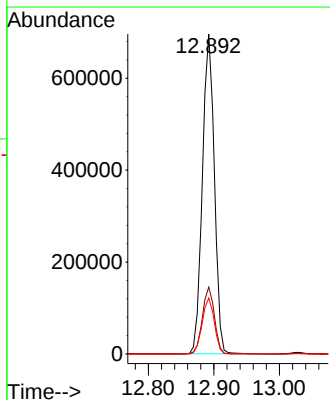
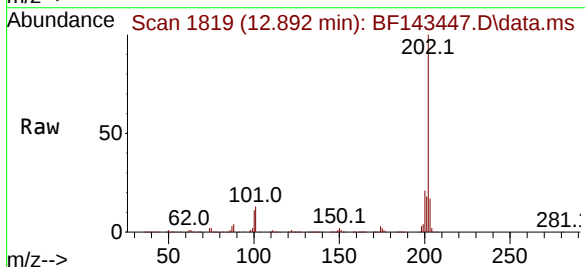
Tgt Ion:202 Resp: 885867

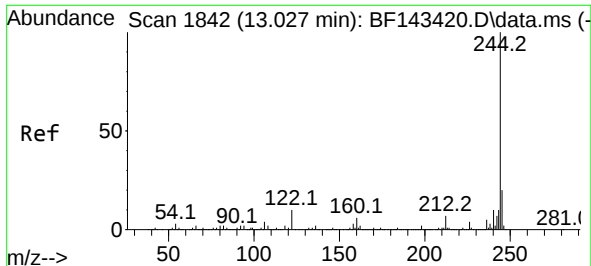
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 17.5 14.2 21.2

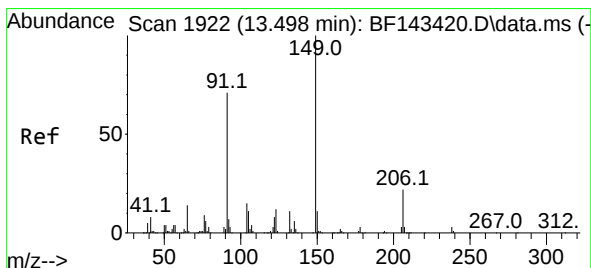
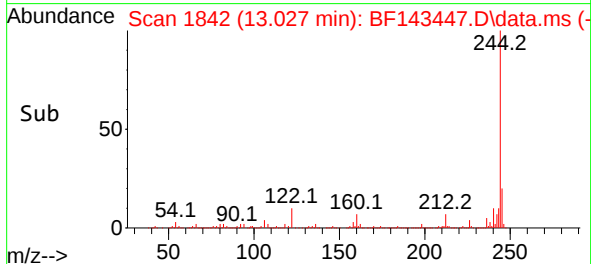
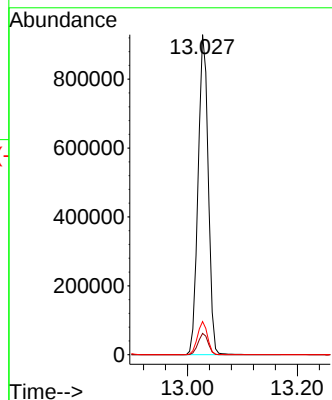
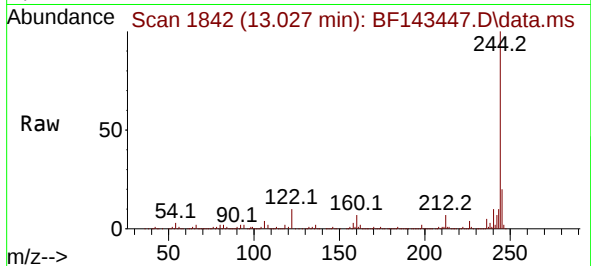




#79
 Terphenyl-d14
 Concen: 91.173 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

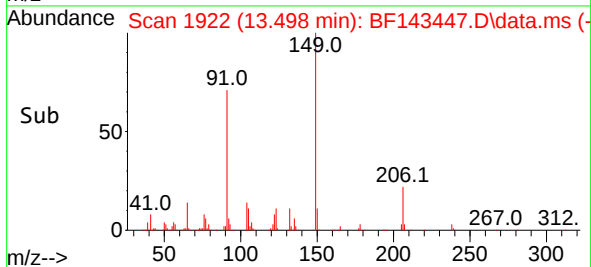
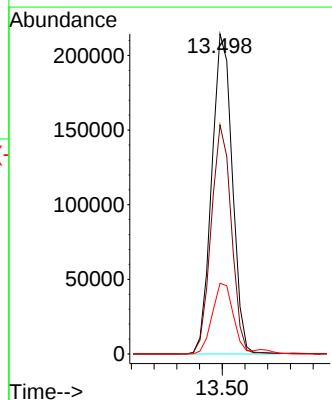
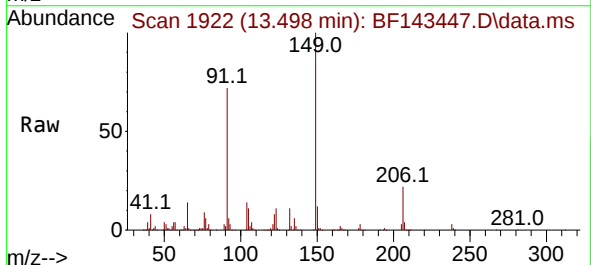
Instrument :
 BNA_F
 ClientSampleId :
 PB169285BS

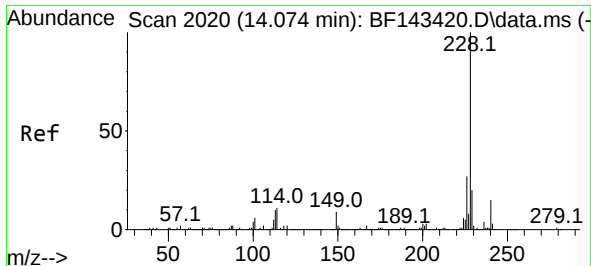
Tgt Ion:244 Resp: 1191219
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.3 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 57.112 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

Tgt Ion:149 Resp: 269862
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.0 85.4
 206 22.1 17.6 26.4

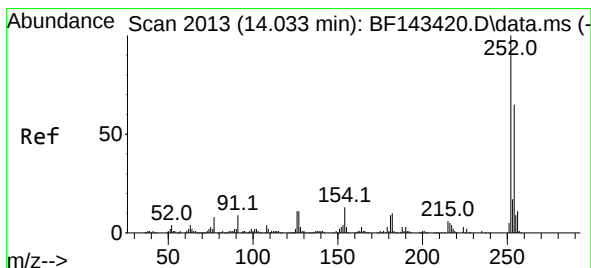
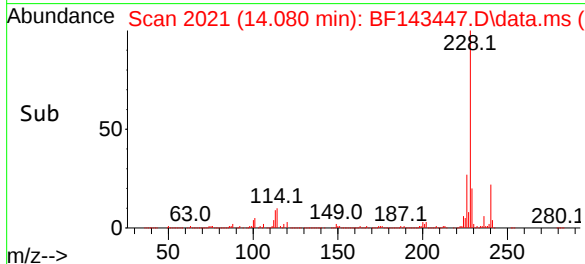
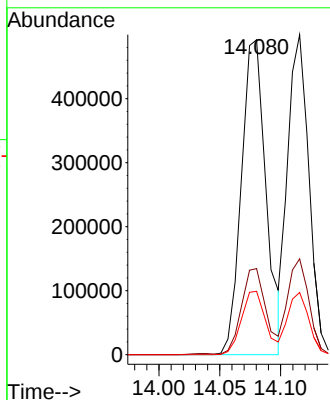
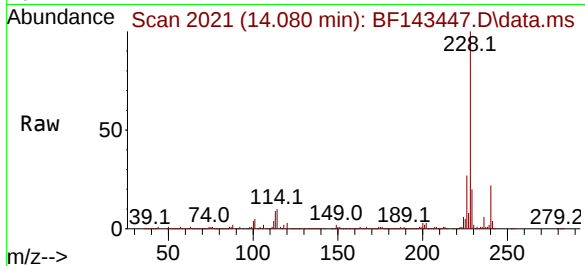




#81
Benzo(a)anthracene
Concen: 49.636 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

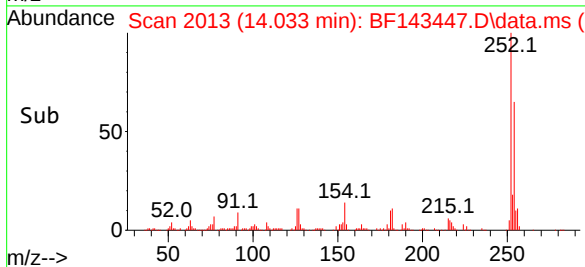
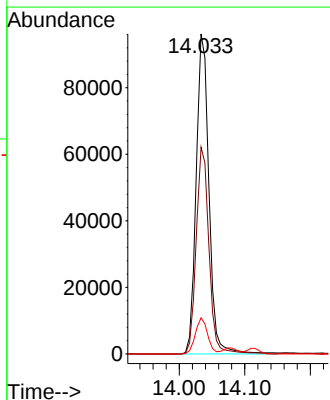
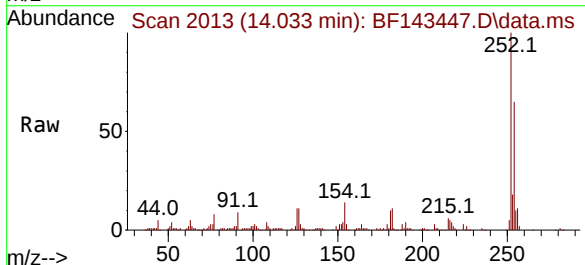
Instrument :
BNA_F
ClientSampleId :
PB169285BS

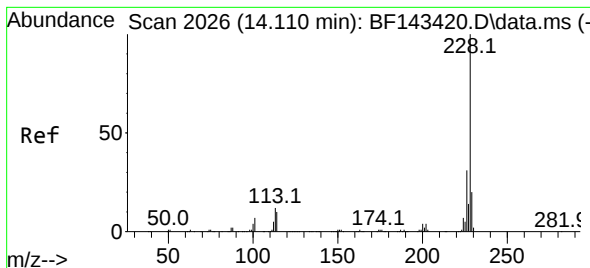
Tgt Ion:228 Resp: 693579
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 31.961 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:252 Resp: 130760
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 11.3 8.8 13.2





#83

Chrysene

Concen: 47.220 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

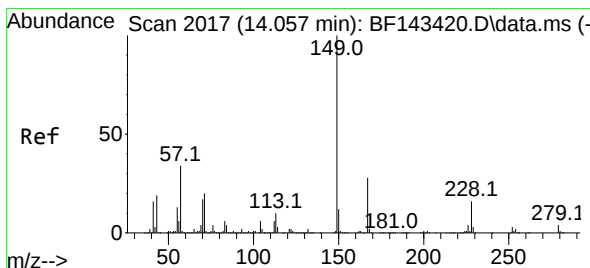
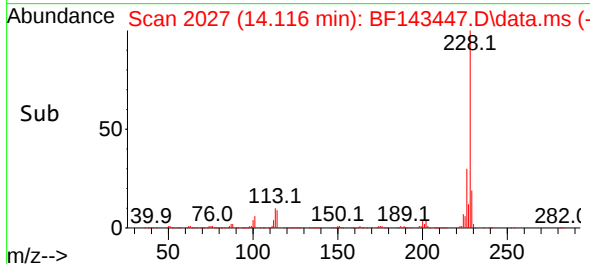
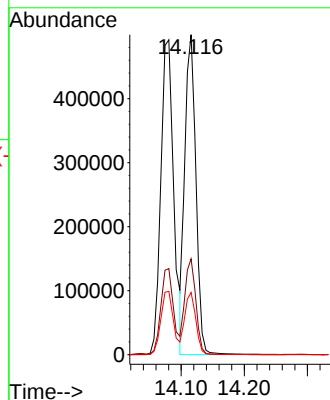
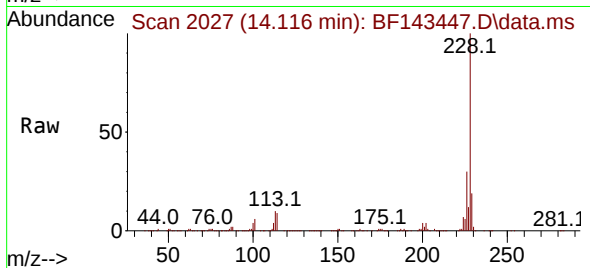
Tgt Ion:228 Resp: 609997

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.277 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

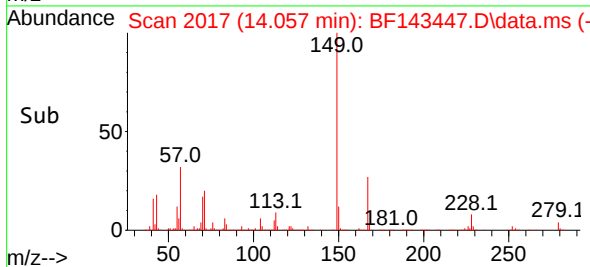
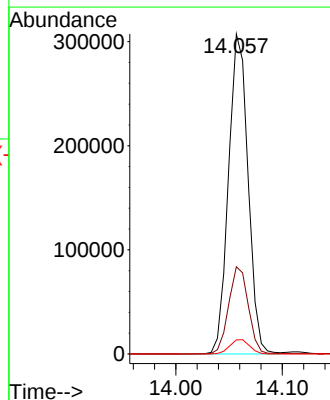
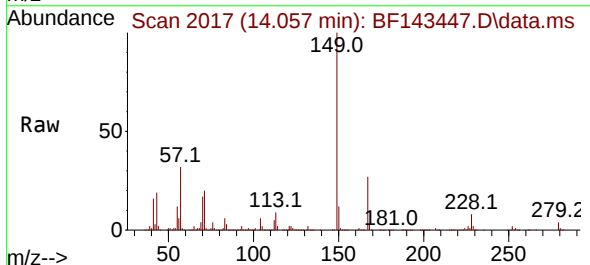
Tgt Ion:149 Resp: 391061

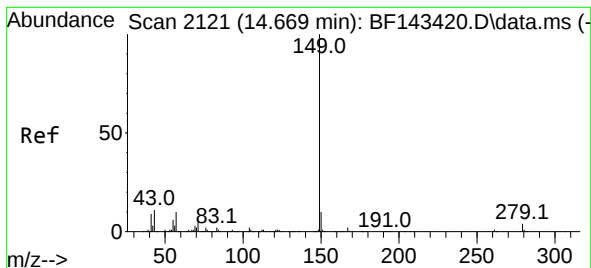
Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.035 ng

RT: 14.668 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB169285BS

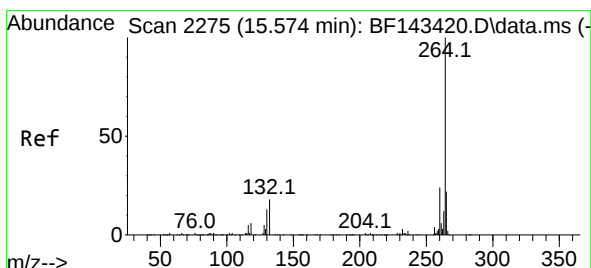
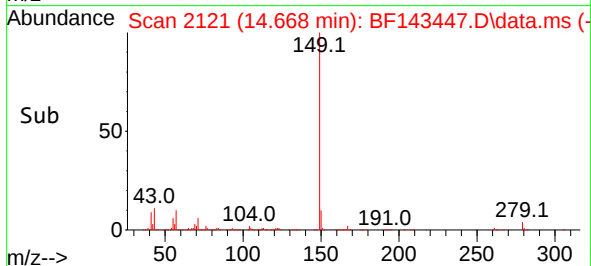
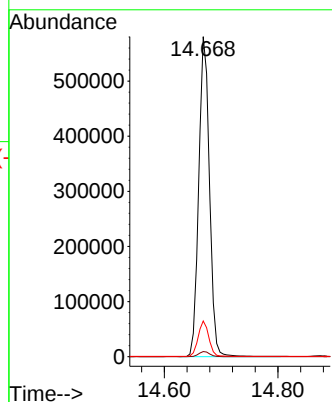
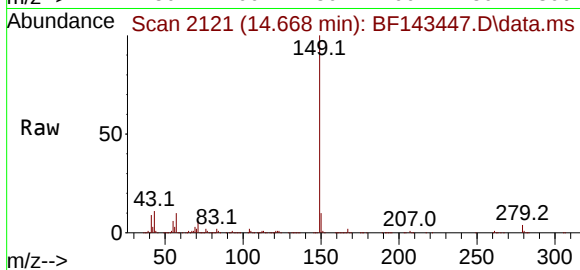
Tgt Ion:149 Resp: 762651

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.0 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF143447.D

Acq: 19 Aug 2025 10:34

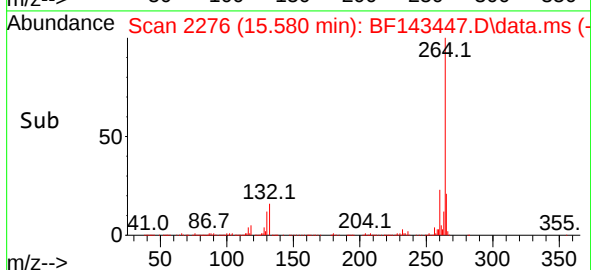
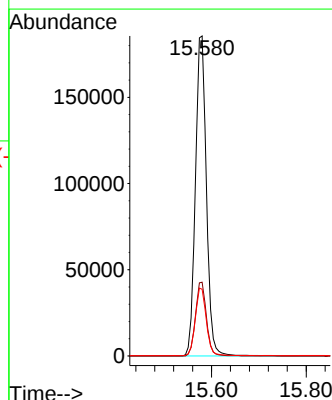
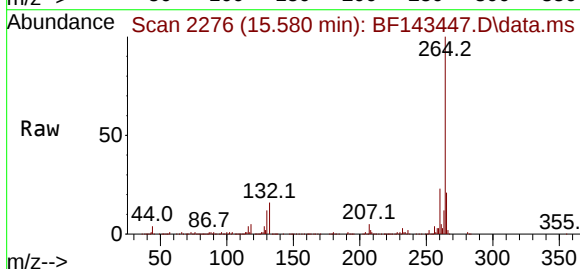
Tgt Ion:264 Resp: 298768

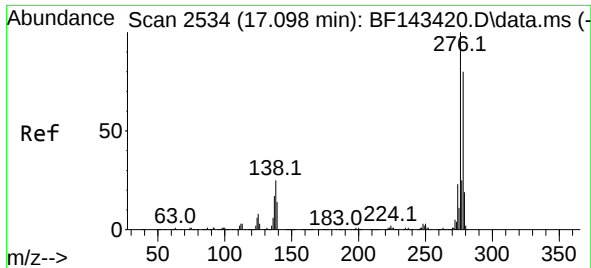
Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 20.9 17.4 26.0

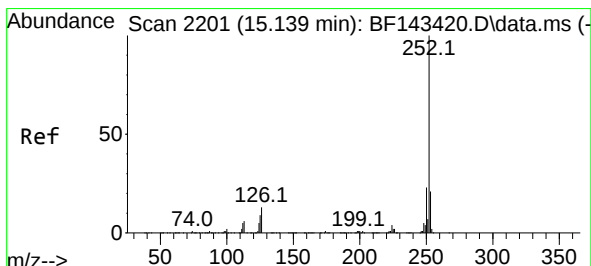
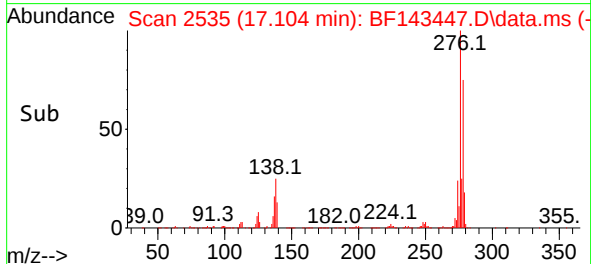
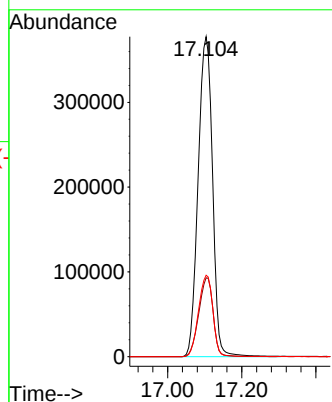
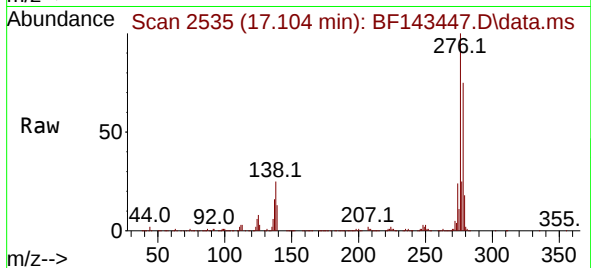




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.311 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

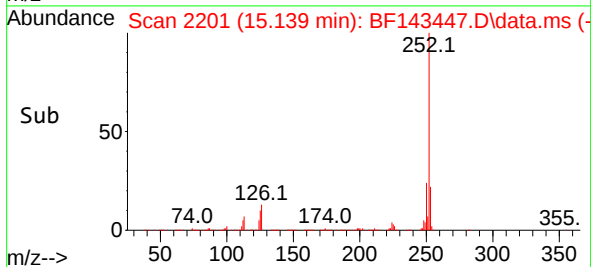
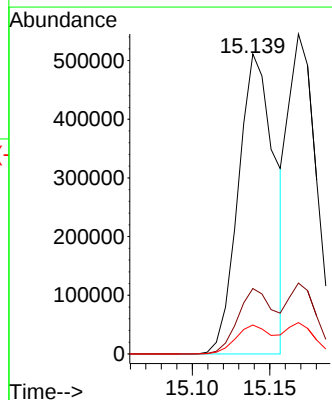
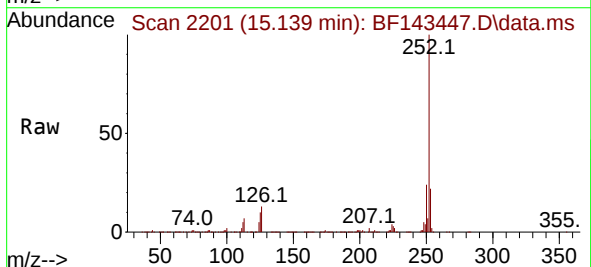
Instrument :
BNA_F
ClientSampleId :
PB169285BS

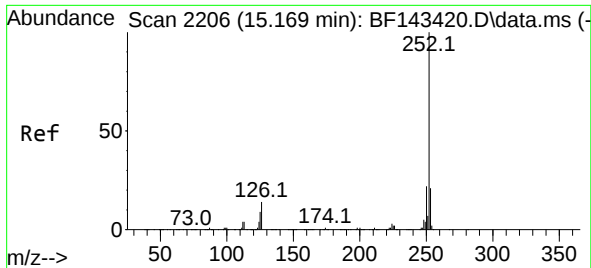
Tgt Ion:276 Resp: 1015180
Ion Ratio Lower Upper
276 100
138 24.6 20.2 30.4
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 51.943 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:252 Resp: 831746
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.7 7.5 11.3

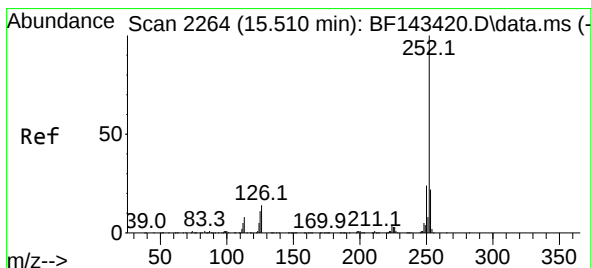
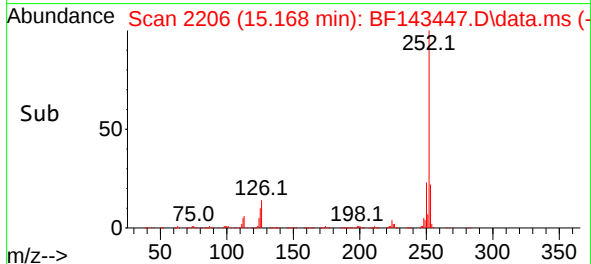
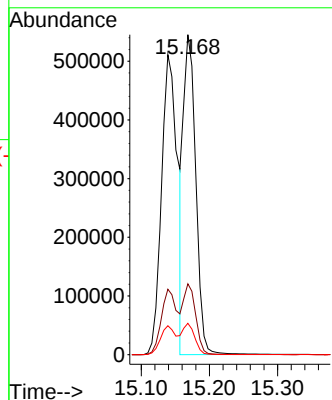
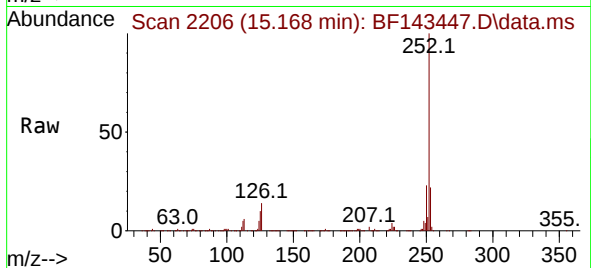




#89
Benzo(k)fluoranthene
Concen: 43.464 ng
RT: 15.168 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

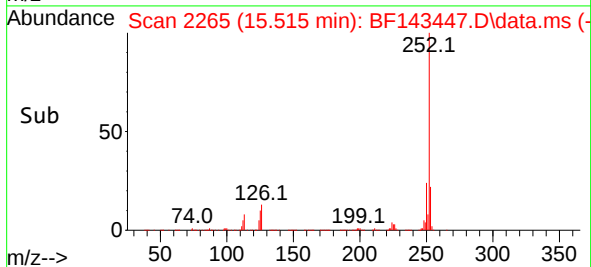
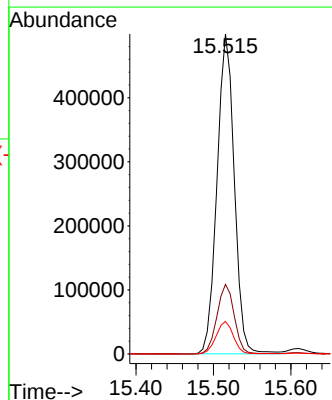
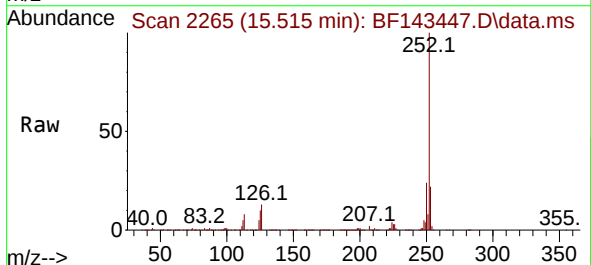
Instrument :
BNA_F
ClientSampleId :
PB169285BS

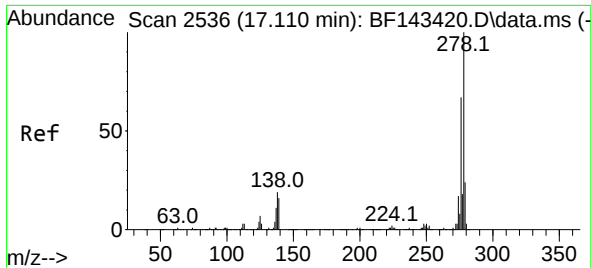
Tgt Ion:252 Resp: 686452
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.715 ng
RT: 15.515 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BF143447.D
Acq: 19 Aug 2025 10:34

Tgt Ion:252 Resp: 773479
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.2 8.6 12.8

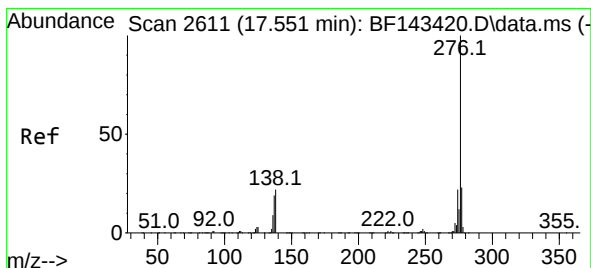
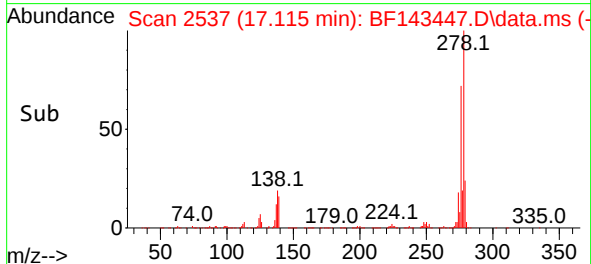
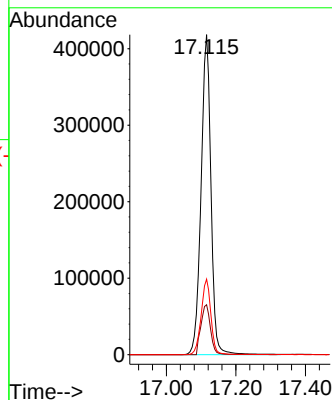
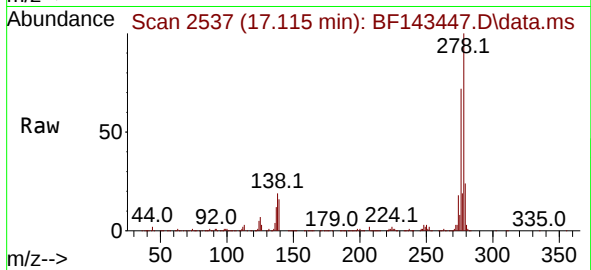




#91
 Dibenzo(a,h)anthracene
 Concen: 45.858 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB169285BS

Tgt Ion:278 Resp: 825082
 Ion Ratio Lower Upper
 278 100
 139 15.6 12.9 19.3
 279 23.6 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 46.247 ng
 RT: 17.562 min Scan# 2613
 Delta R.T. 0.012 min
 Lab File: BF143447.D
 Acq: 19 Aug 2025 10:34

Tgt Ion:276 Resp: 831232
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.7 28.1
 138 21.2 17.5 26.3

