

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141860.D
 Acq On : 06 Mar 2025 10:52
 Operator : RC/JU
 Sample : PB166984BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

Quant Time: Mar 06 15:49:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	222677	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	860348	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	467040	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	801941	20.000	ng	0.00
76) Chrysene-d12	14.045	240	537472	20.000	ng	0.00
86) Perylene-d12	15.515	264	470320	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1701069	121.997	ng	0.02
7) Phenol-d6	6.510	99	2108392	116.173	ng	0.00
23) Nitrobenzene-d5	7.445	82	1408232	104.625	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	725902	165.555	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2659506	91.306	ng	0.00
79) Terphenyl-d14	12.992	244	3153921	94.941	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.763	88	226101	35.737	ng 97
3) Pyridine	3.522	79	549854	34.929	ng 96
4) n-Nitrosodimethylamine	3.469	42	285971	37.755	ng 99
6) Aniline	6.551	93	522189	27.676	ng 99
8) 2-Chlorophenol	6.669	128	628313	41.655	ng 96
9) Benzaldehyde	6.434	77	225786	21.388	ng 99
10) Phenol	6.522	94	741067	38.212	ng 97
11) bis(2-Chloroethyl)ether	6.622	93	565937	38.283	ng 96
12) 1,3-Dichlorobenzene	6.828	146	656353	40.633	ng 99
13) 1,4-Dichlorobenzene	6.904	146	663658	40.775	ng 99
14) 1,2-Dichlorobenzene	7.057	146	641692	42.221	ng 99
15) Benzyl Alcohol	7.022	79	556826	38.390	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	756011	33.675	ng 96
17) 2-Methylphenol	7.134	107	501492	40.279	ng 98
18) Hexachloroethane	7.398	117	250476	41.116	ng 96
19) n-Nitroso-di-n-propyla...	7.298	70	427099	35.799	ng 98
20) 3+4-Methylphenols	7.281	107	621360	40.079	ng 94
22) Acetophenone	7.292	105	924853	44.138	ng 99
24) Nitrobenzene	7.463	77	656445	45.544	ng 100
25) Isophorone	7.704	82	1189358	41.131	ng 99
26) 2-Nitrophenol	7.781	139	317830	49.233	ng 98
27) 2,4-Dimethylphenol	7.810	122	545219	51.293	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	709782	38.479	ng 99
29) 2,4-Dichlorophenol	8.016	162	509337	41.536	ng 100
30) 1,2,4-Trichlorobenzene	8.104	180	565708	42.101	ng 99
31) Naphthalene	8.187	128	1798156	40.665	ng 99
32) Benzoic acid	7.928	122	436083	48.969	ng 98
33) 4-Chloroaniline	8.228	127	196072	12.093	ng 98
34) Hexachlorobutadiene	8.304	225	363439	43.526	ng 99
35) Caprolactam	8.598	113	181228m	48.041	ng
36) 4-Chloro-3-methylphenol	8.710	107	555267	40.762	ng 97
37) 2-Methylnaphthalene	8.881	142	1136178	39.174	ng 100
38) 1-Methylnaphthalene	8.981	142	1106172	39.748	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	621149	46.050	ng 99
41) Hexachlorocyclopentadiene	9.034	237	830196	147.481	ng 100
43) 2,4,6-Trichlorophenol	9.151	196	381567	43.792	ng 99

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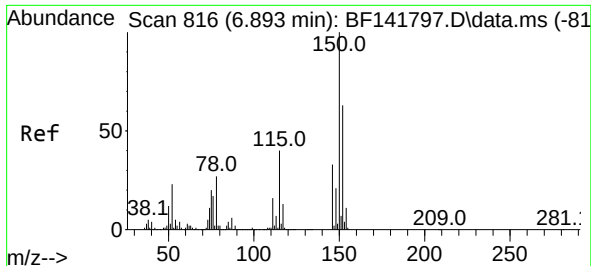
Quant Time: Mar 06 15:49:19 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	393469	45.604	ng	98
46) 1,1'-Biphenyl	9.345	154	1611215	45.323	ng	98
47) 2-Chloronaphthalene	9.369	162	1098889	41.882	ng	99
48) 2-Nitroaniline	9.457	65	341789	47.626	ng	97
49) Acenaphthylene	9.786	152	1713470	43.557	ng	99
50) Dimethylphthalate	9.645	163	1313815	42.006	ng	99
51) 2,6-Dinitrotoluene	9.704	165	288768	48.247	ng	92
52) Acenaphthene	9.957	154	1266215	47.702	ng	99
53) 3-Nitroaniline	9.869	138	153204	25.520	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	346122	111.084	ng	# 1
55) Dibenzofuran	10.128	168	1544243	39.970	ng	99
56) 4-Nitrophenol	10.028	139	525883	113.842	ng	95
57) 2,4-Dinitrotoluene	10.104	165	401637	54.446	ng	95
58) Fluorene	10.469	166	1226351	42.376	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	338195	45.070	ng	98
60) Diethylphthalate	10.345	149	1281425	40.869	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	612702	42.256	ng	99
62) 4-Nitroaniline	10.486	138	293220	54.897	ng	97
63) Azobenzene	10.622	77	1253041	37.955	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	220801	56.697	ng	93
66) n-Nitrosodiphenylamine	10.581	169	1071992	40.709	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	391710	41.818	ng	98
68) Hexachlorobenzene	11.016	284	432837	43.759	ng	99
69) Atrazine	11.104	200	433249	59.829	ng	100
70) Pentachlorophenol	11.210	266	574113	91.516	ng	100
71) Phenanthrene	11.433	178	1812700	42.258	ng	100
72) Anthracene	11.486	178	1854922	43.146	ng	99
73) Carbazole	11.633	167	1634694	43.058	ng	100
74) Di-n-butylphthalate	11.969	149	1951706	40.557	ng	100
75) Fluoranthene	12.616	202	1922924	43.749	ng	98
77) Benzidine	12.733	184	493167	72.902	ng	100
78) Pyrene	12.845	202	1941461	41.714	ng	100
80) Butylbenzylphthalate	13.463	149	730230	43.184	ng	99
81) Benzo(a)anthracene	14.033	228	1506856	42.445	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	219648	21.565	ng	99
83) Chrysene	14.069	228	1403466	42.886	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	932426	44.285	ng	100
85) Di-n-octyl phthalate	14.633	149	1360035	43.146	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1416313	47.292	ng	97
88) Benzo(b)fluoranthene	15.080	252	1297204	40.491	ng	99
89) Benzo(k)fluoranthene	15.110	252	1099133	40.365	ng	99
90) Benzo(a)pyrene	15.451	252	1136844	44.247	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1137230	46.521	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1105086	44.126	ng	97

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

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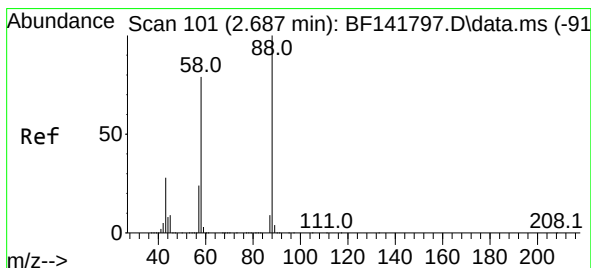
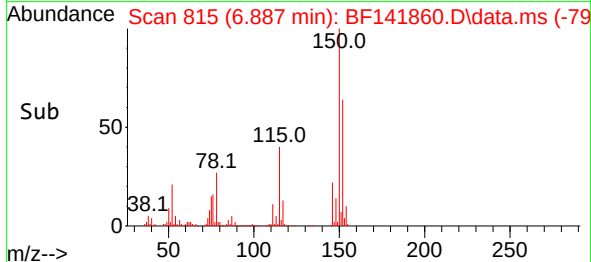
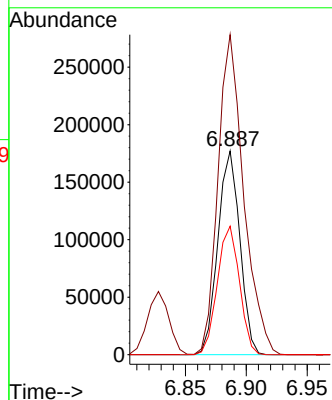
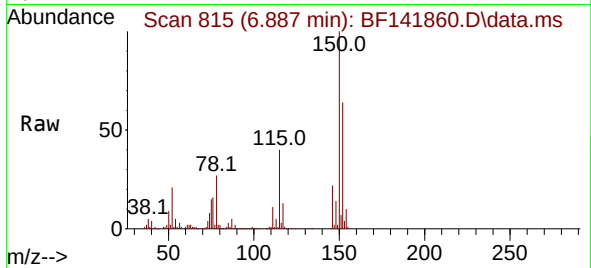




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

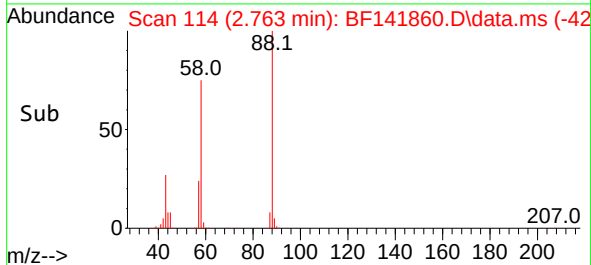
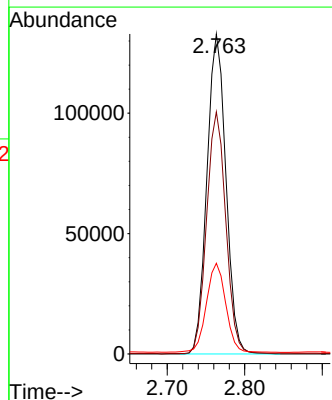
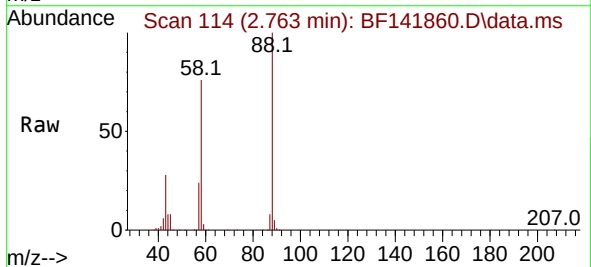
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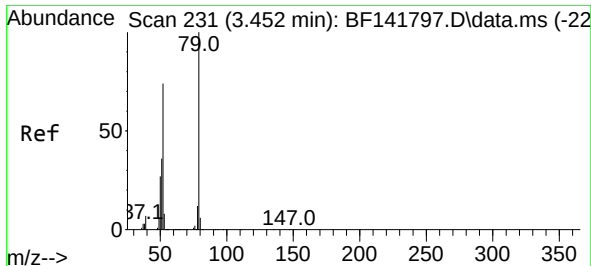
Tgt Ion:152 Resp: 222677
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.5 191.3
 115 63.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 35.737 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.076 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

Tgt Ion: 88 Resp: 226101
 Ion Ratio Lower Upper
 88 100
 58 76.9 63.9 95.9
 43 28.3 23.0 34.6

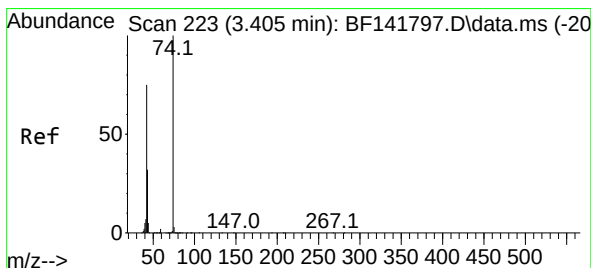
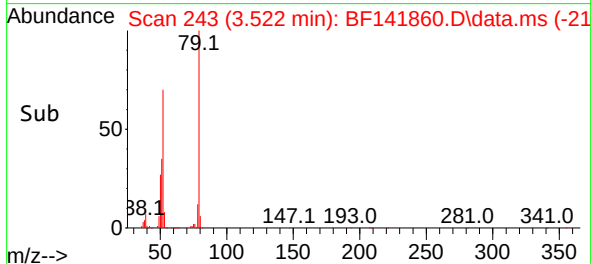
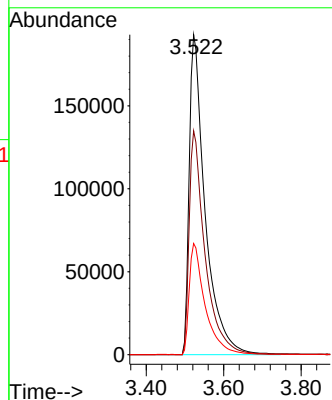
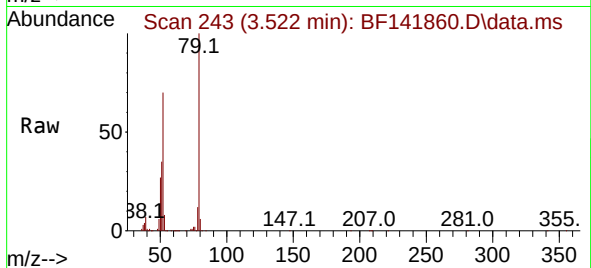




#3
Pyridine
Concen: 34.929 ng
RT: 3.522 min Scan# 24
Delta R.T. 0.070 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

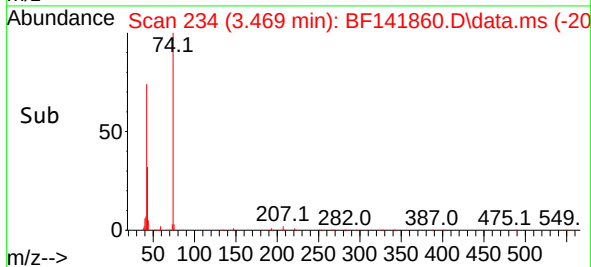
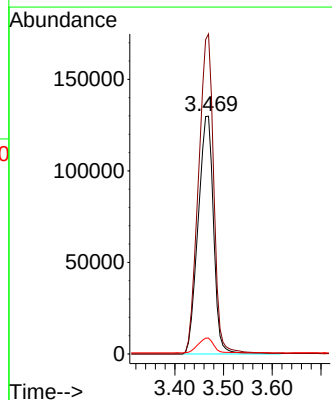
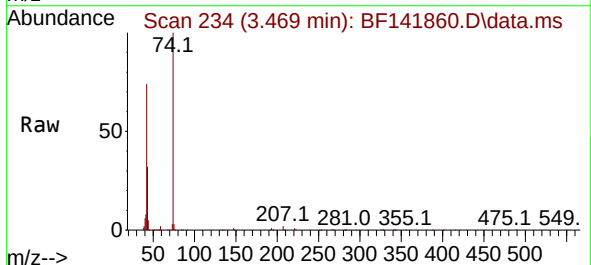
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ClientSampleId :
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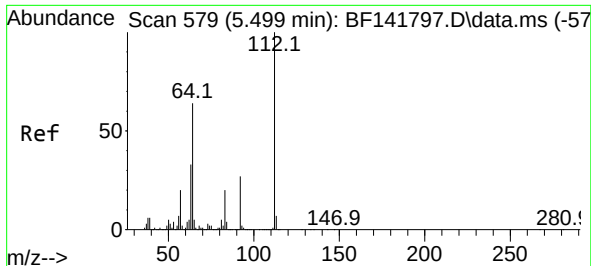
Tgt Ion: 79 Resp: 549854
Ion Ratio Lower Upper
79 100
52 69.9 59.0 88.4
51 34.8 29.0 43.4



#4
n-Nitrosodimethylamine
Concen: 37.755 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.065 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion: 42 Resp: 285971
Ion Ratio Lower Upper
42 100
74 134.6 107.1 160.7
44 6.7 6.6 9.8

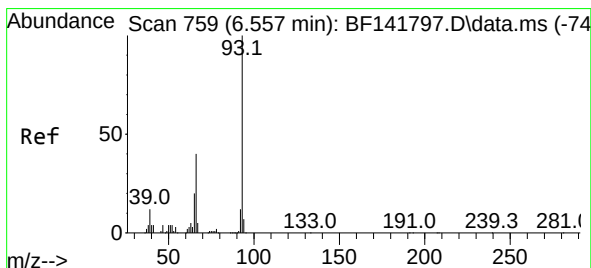
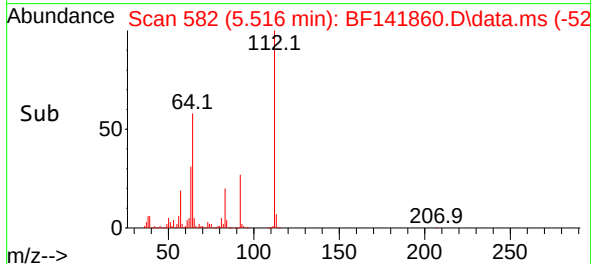
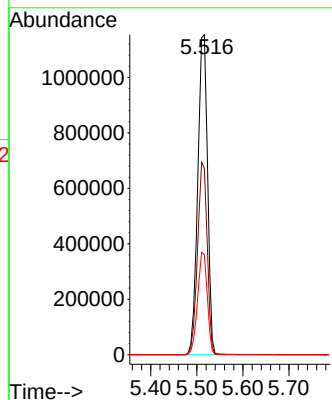
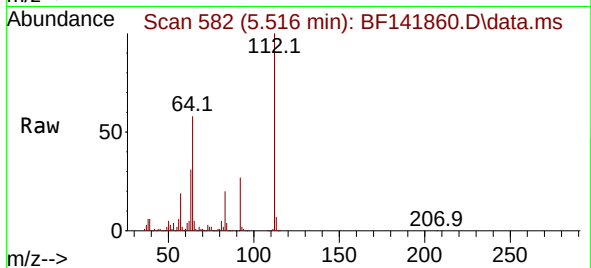




#5
2-Fluorophenol
Concen: 121.997 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

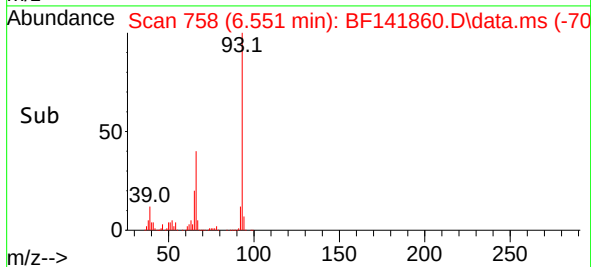
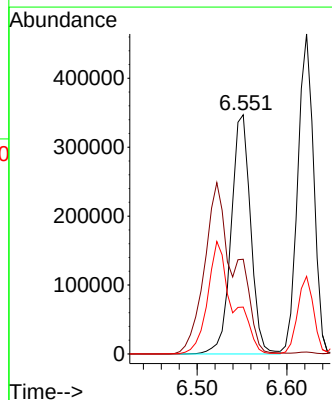
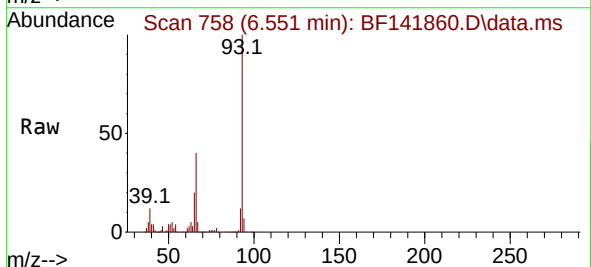
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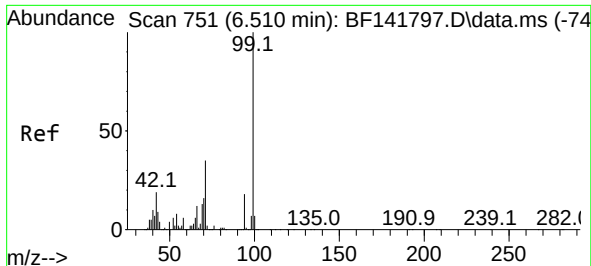
Tgt Ion:112 Resp: 1701069
Ion Ratio Lower Upper
112 100
64 58.3 51.3 76.9
63 31.2 26.2 39.4



#6
Aniline
Concen: 27.676 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion: 93 Resp: 522189
Ion Ratio Lower Upper
93 100
66 39.6 32.3 48.5
65 19.6 15.9 23.9

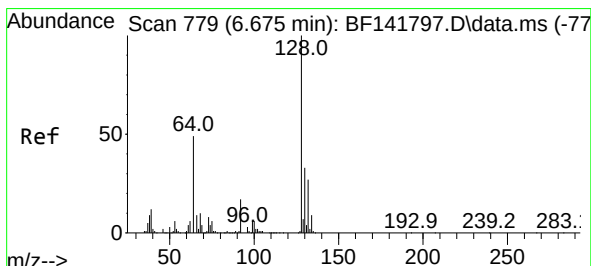
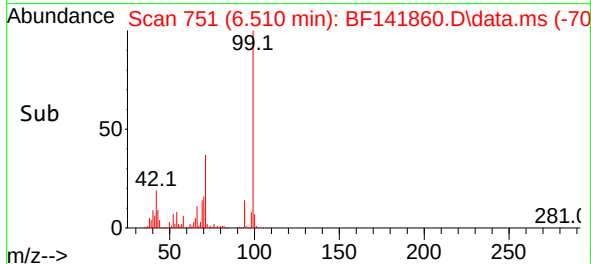
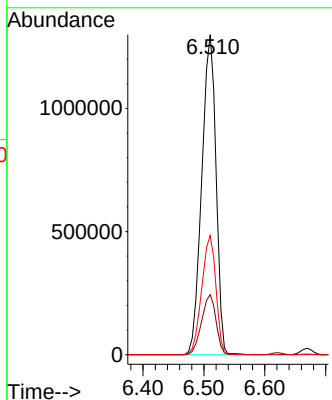
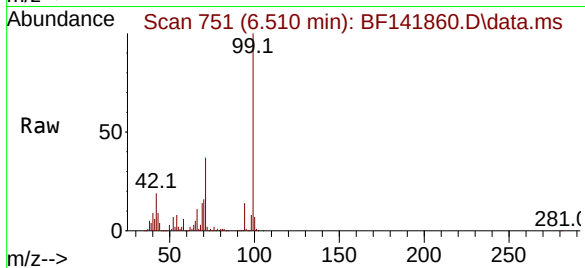




#7
Phenol-d6
Concen: 116.173 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF141860.D
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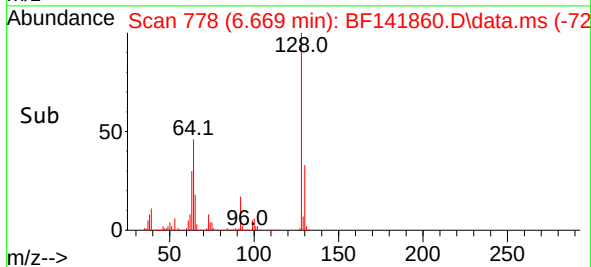
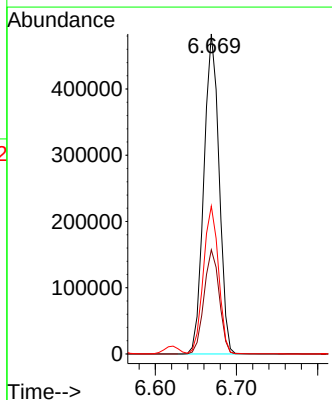
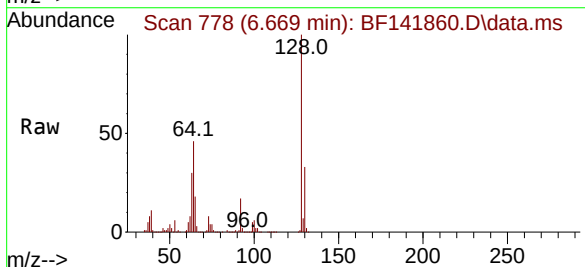
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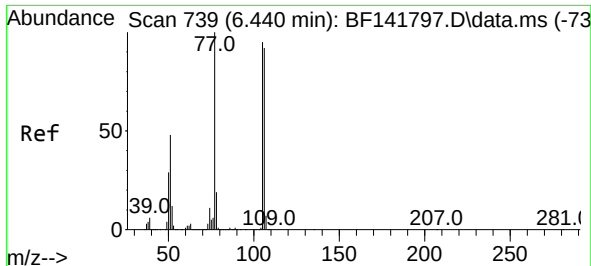
Tgt Ion: 99 Resp: 2108392
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 37.3 28.2 42.2



#8
2-Chlorophenol
Concen: 41.655 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141860.D
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Tgt Ion:128 Resp: 628313
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 46.2 31.1 71.1

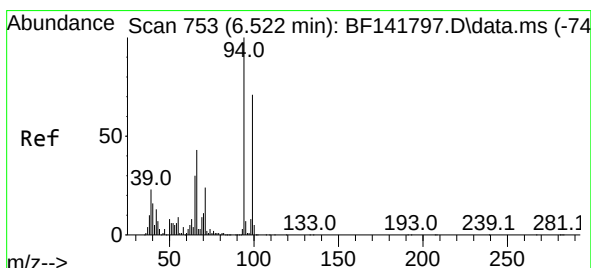
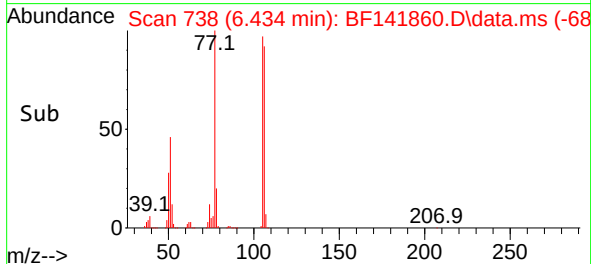
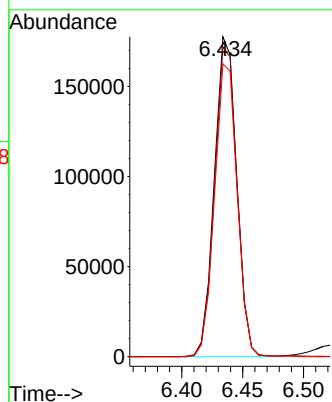
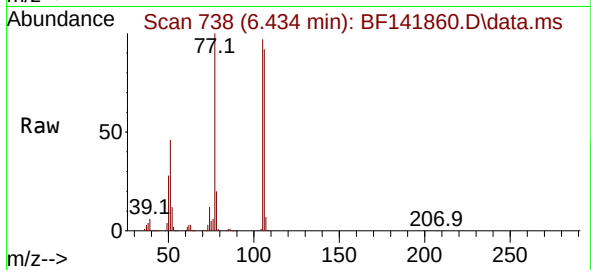




#9
Benzaldehyde
Concen: 21.388 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

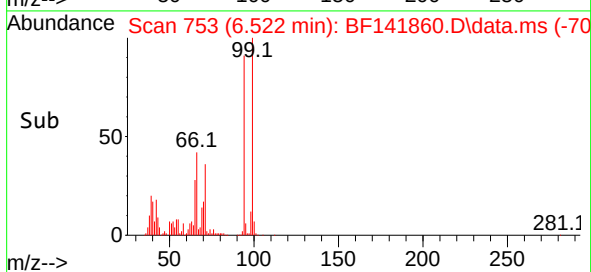
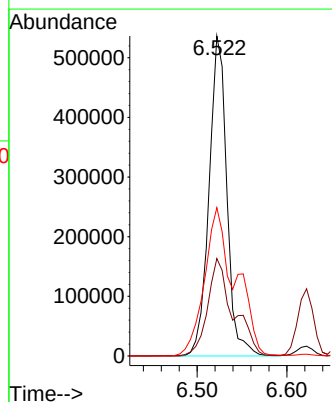
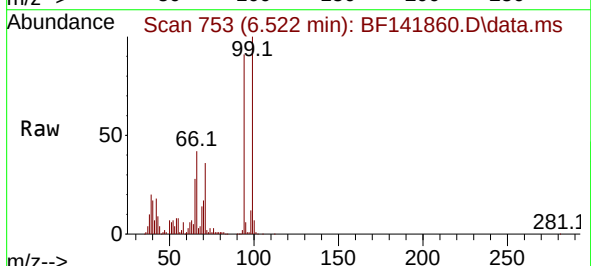
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ClientSampleId :
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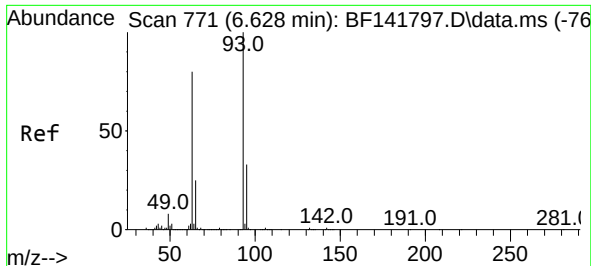
Tgt Ion: 77 Resp: 225786
Ion Ratio Lower Upper
77 100
105 96.8 75.3 115.3
106 91.5 72.3 112.3



#10
Phenol
Concen: 38.212 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion: 94 Resp: 741067
Ion Ratio Lower Upper
94 100
65 30.4 10.2 50.2
66 46.3 23.2 63.2

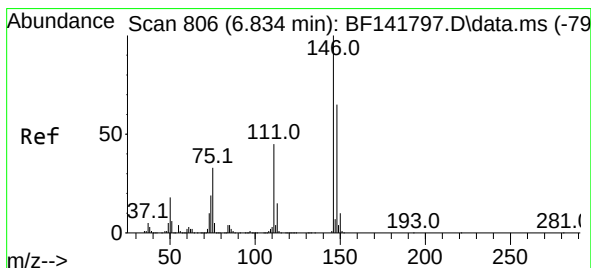
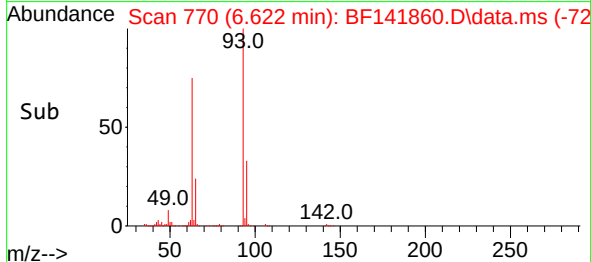
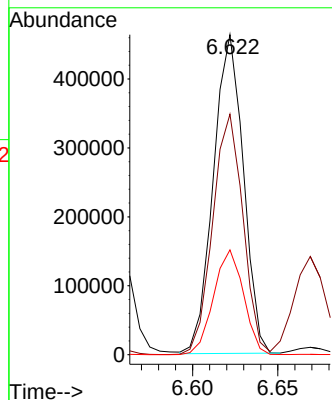
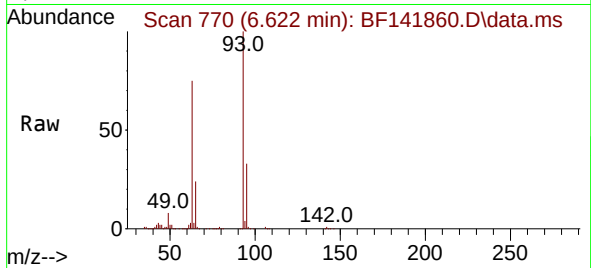




#11
bis(2-Chloroethyl)ether
Concen: 38.283 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

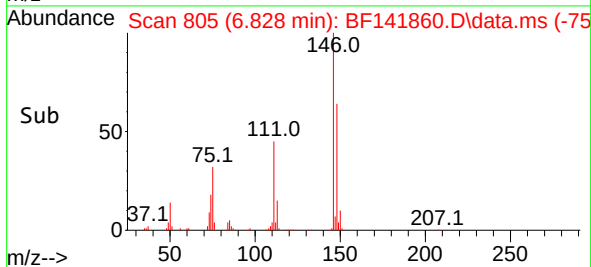
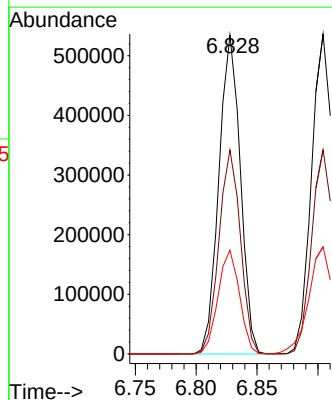
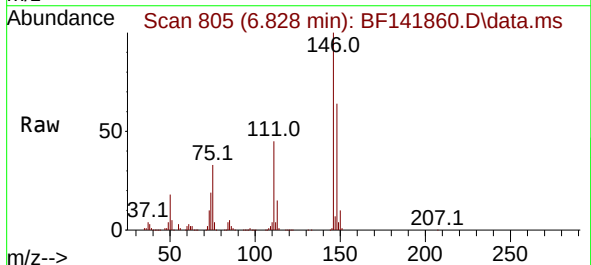
Instrument :
BNA_F
ClientSampleId :
PB166984BS

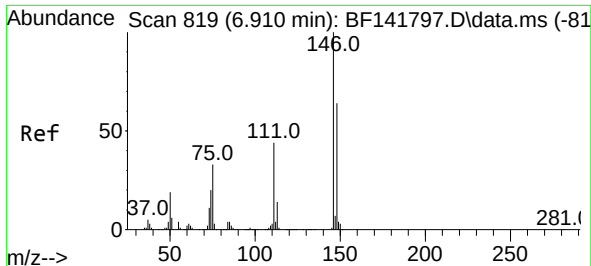
Tgt Ion: 93 Resp: 565937
Ion Ratio Lower Upper
93 100
63 75.1 59.3 99.3
95 32.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.633 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:146 Resp: 656353
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 32.5 26.2 39.4

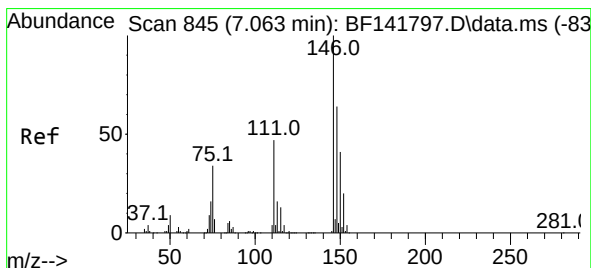
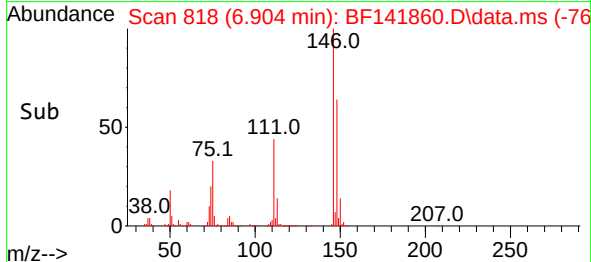
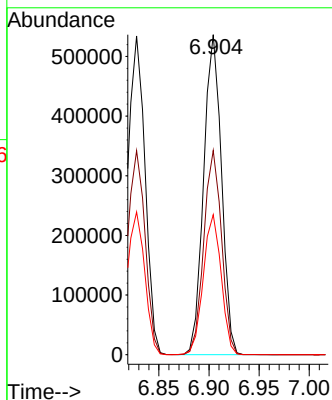
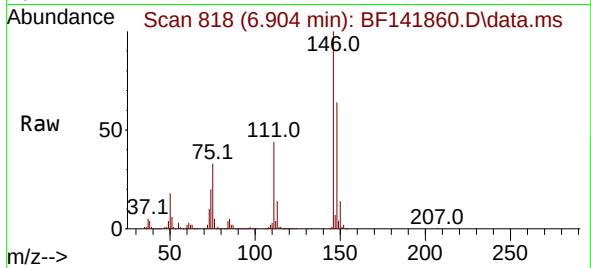




#13
1,4-Dichlorobenzene
Concen: 40.775 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

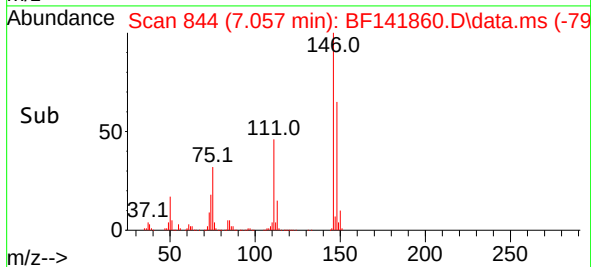
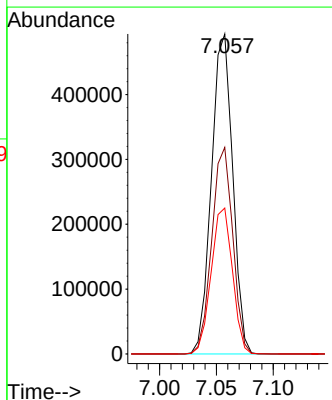
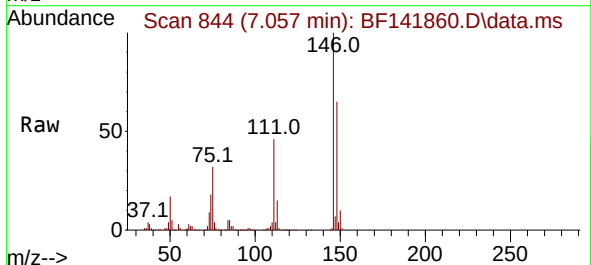
Instrument :
BNA_F
ClientSampleId :
PB166984BS

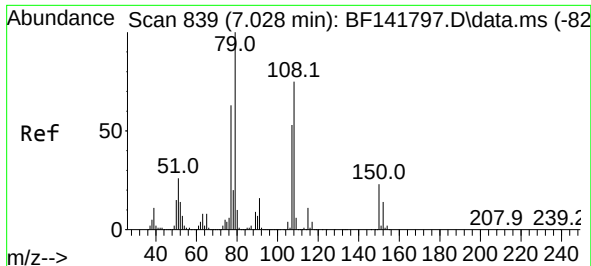
Tgt Ion:146 Resp: 663658
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.8 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 42.221 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:146 Resp: 641692
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 45.6 37.8 56.6

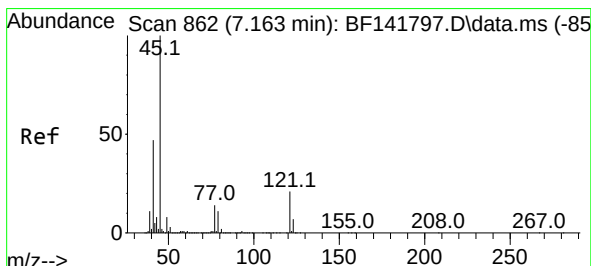
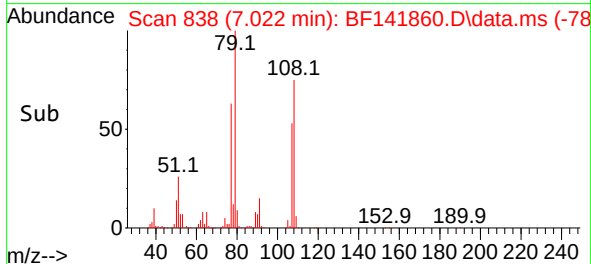
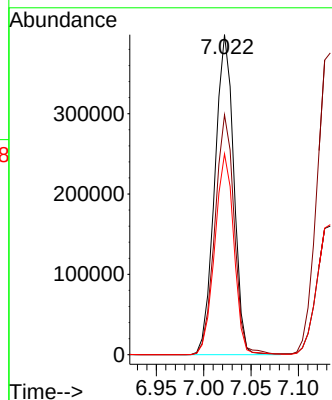
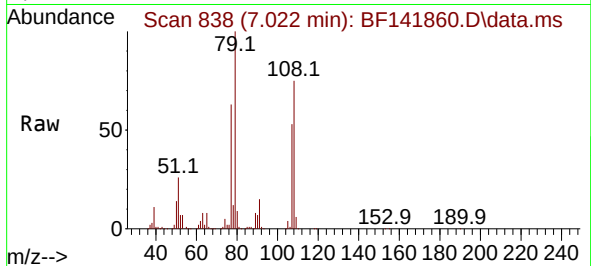




#15
Benzyl Alcohol
Concen: 38.390 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

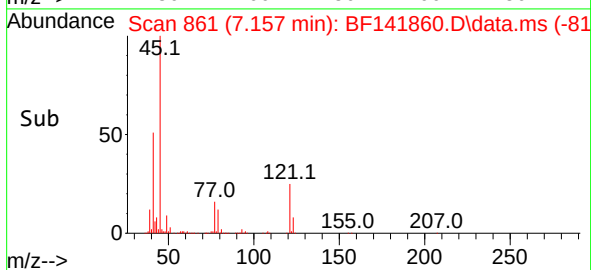
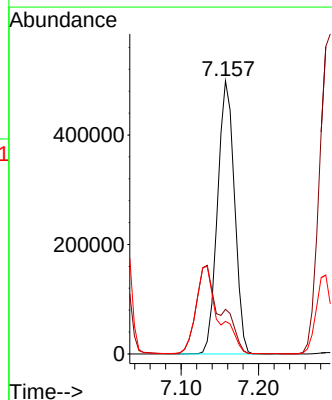
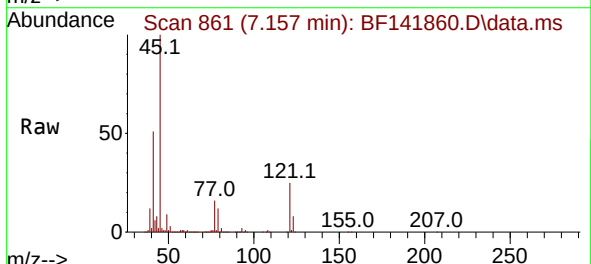
Instrument :
BNA_F
ClientSampleId :
PB166984BS

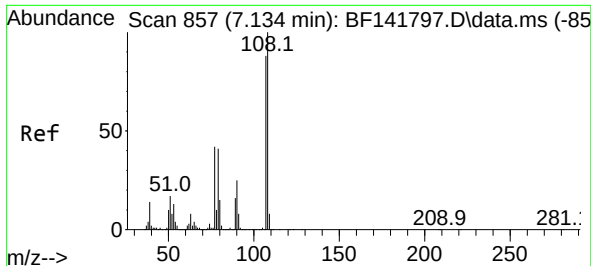
Tgt Ion: 79 Resp: 556826
Ion Ratio Lower Upper
79 100
108 75.0 60.2 90.2
77 62.7 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.675 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion: 45 Resp: 756011
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.4
79 12.0 0.0 30.9



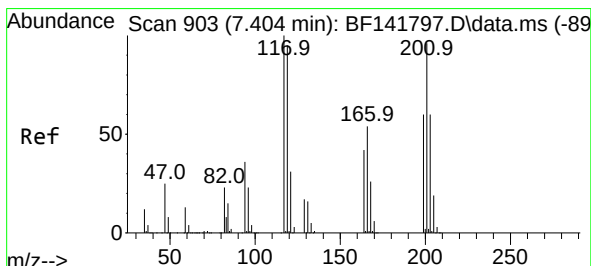
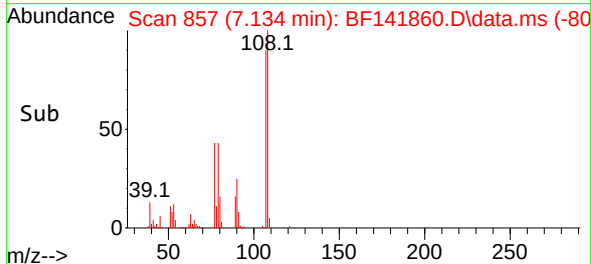
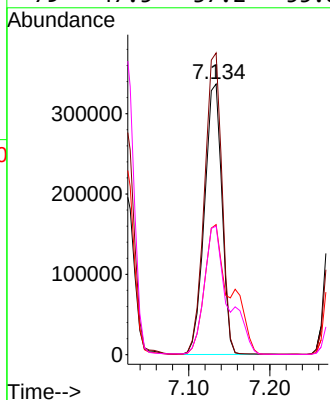
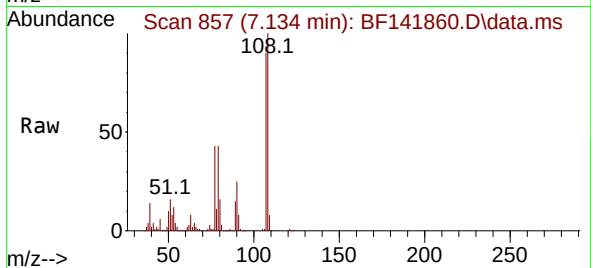


#17
2-Methylphenol
Concen: 40.279 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

Tgt Ion:107 Resp: 501492

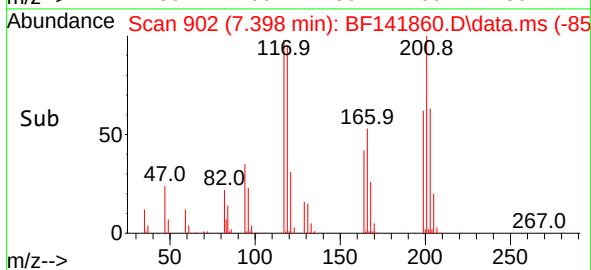
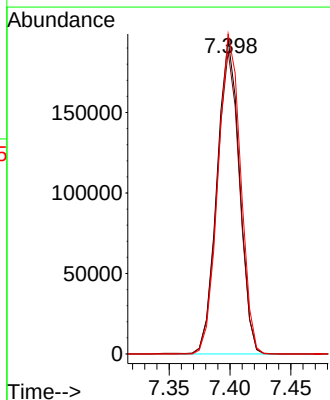
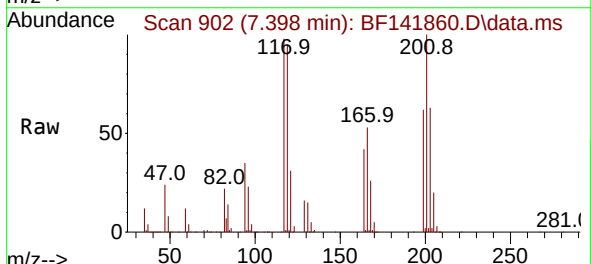
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.6	135.8
77	48.1	37.7	56.5
79	47.5	37.2	55.8

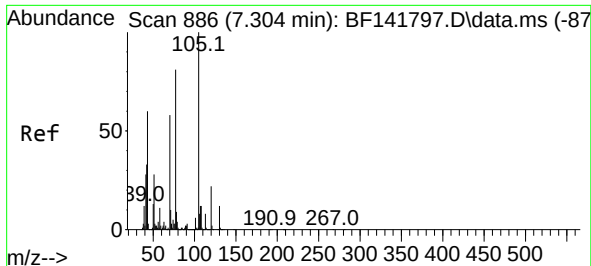


#18
Hexachloroethane
Concen: 41.116 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:117 Resp: 250476

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	101.7	76.7	115.1

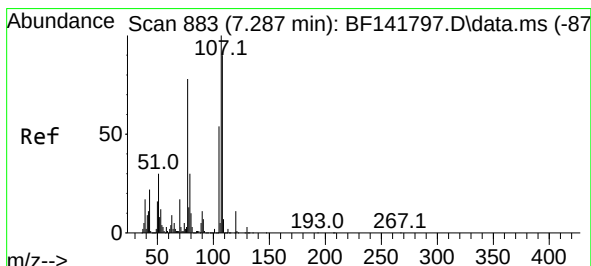
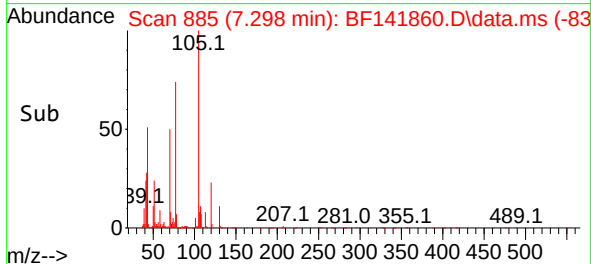
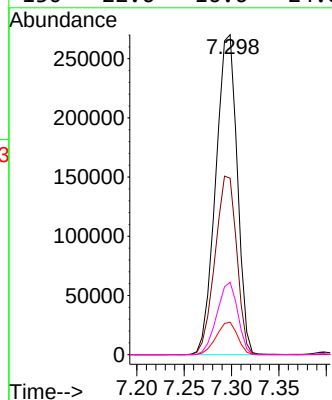
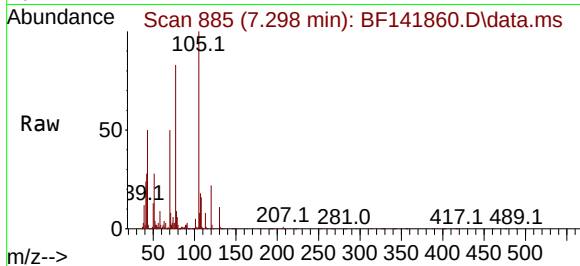




#19
n-Nitroso-di-n-propylamine
Concen: 35.799 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

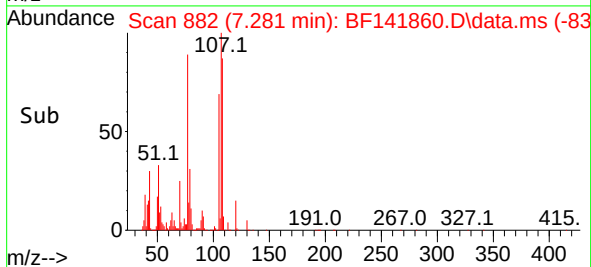
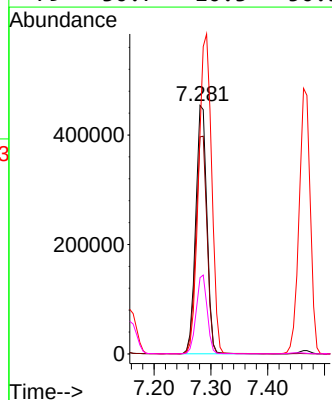
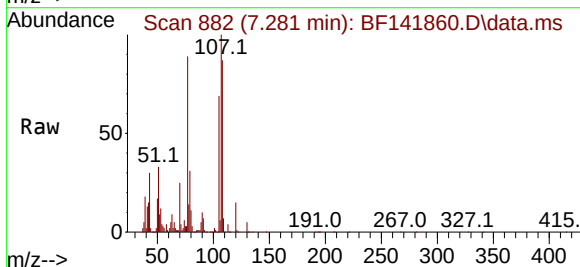
Instrument :
BNA_F
ClientSampleId :
PB166984BS

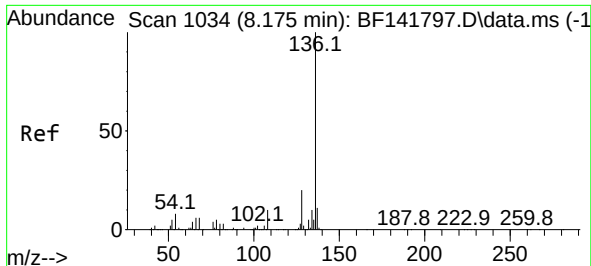
Tgt Ion: 70 Resp: 427099
Ion Ratio Lower Upper
70 100
42 55.2 45.4 68.0
101 10.1 7.8 11.8
130 22.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 40.079 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:107 Resp: 621360
Ion Ratio Lower Upper
107 100
108 87.4 69.7 109.7
77 89.3 58.3 98.3
79 30.7 10.3 50.3



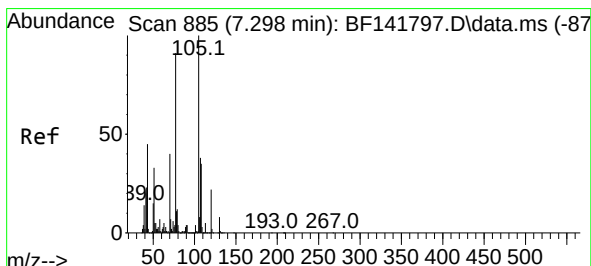
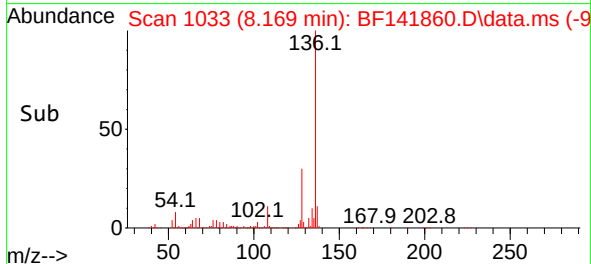
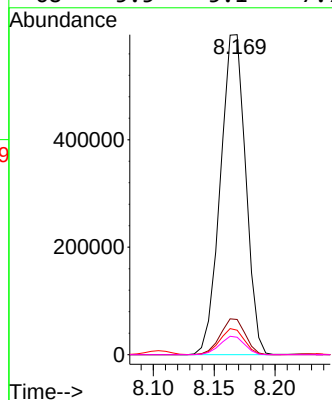
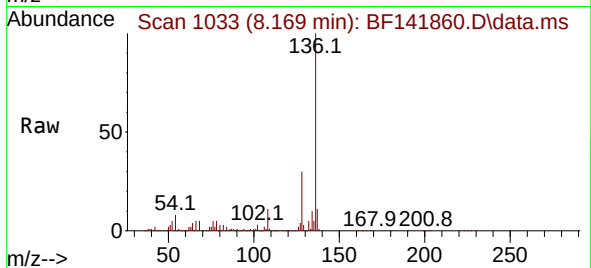


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

Tgt Ion:136 Resp: 860348

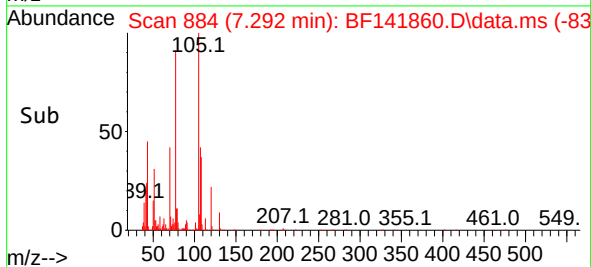
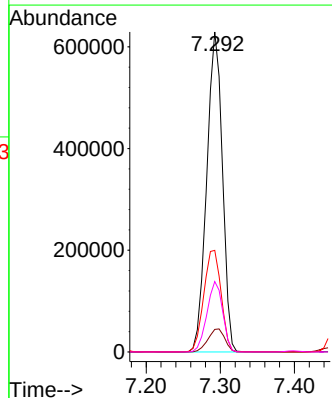
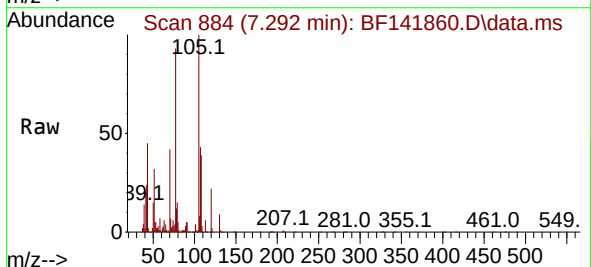
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.9	10.3
68	5.5	5.1	7.7

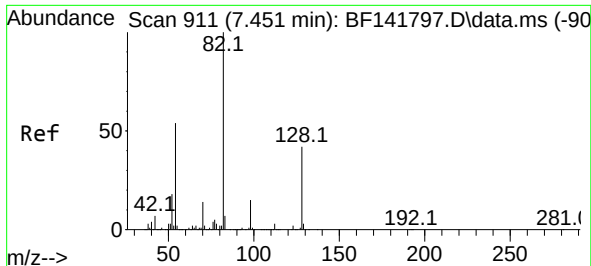


#22
Acetophenone
Concen: 44.138 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:105 Resp: 924853

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.0
51	31.7	26.1	39.1
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 104.625 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

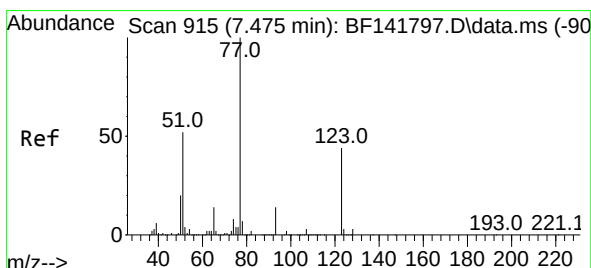
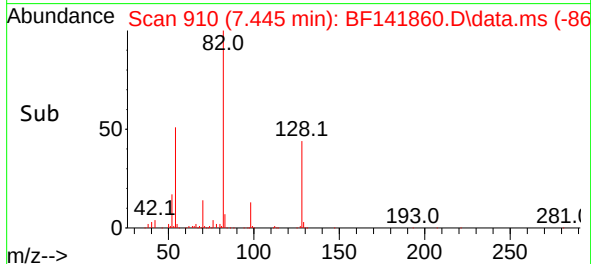
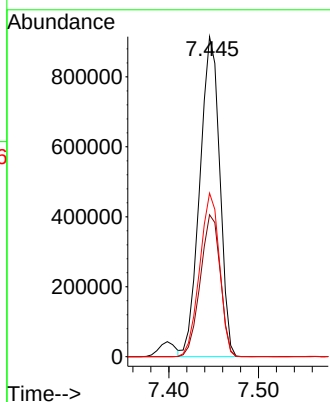
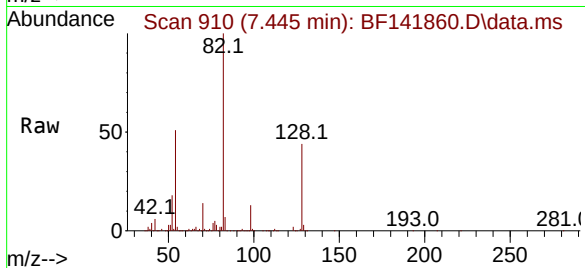
BNA_F

ClientSampleId :

PB166984BS

Tgt Ion: 82 Resp: 1408232

Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.5	50.3
54	51.1	42.7	64.1



#24

Nitrobenzene

Concen: 45.544 ng

RT: 7.463 min Scan# 913

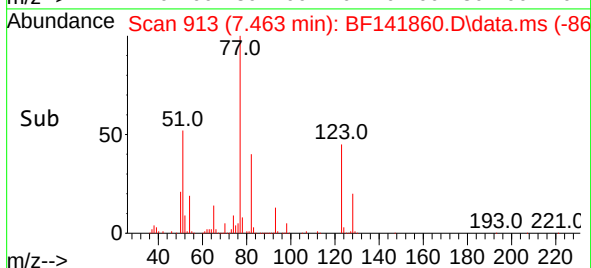
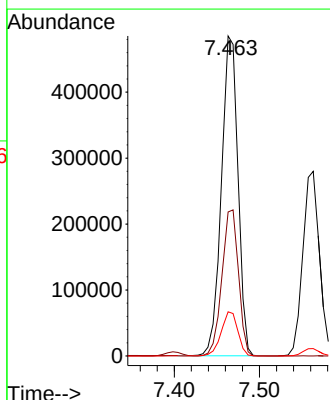
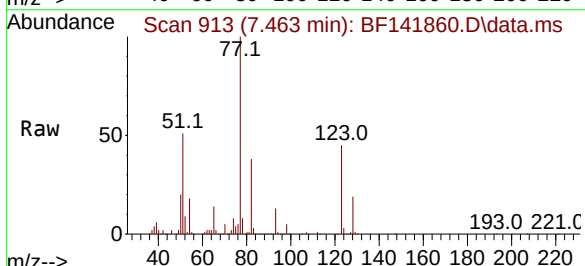
Delta R.T. -0.012 min

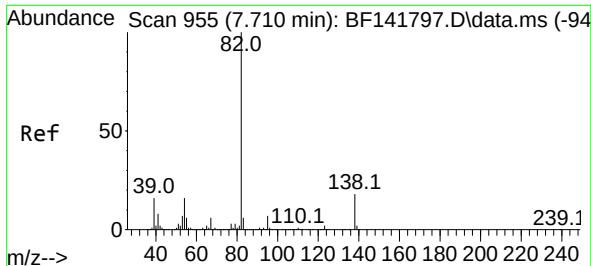
Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Tgt Ion: 77 Resp: 656445

Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.8	53.8
65	13.8	11.2	16.8

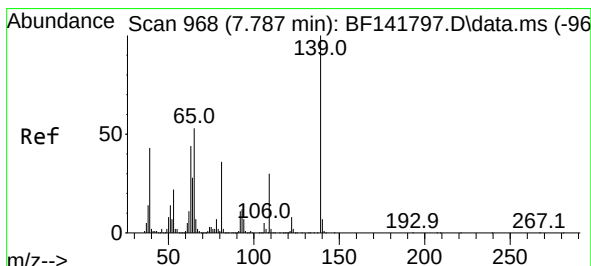
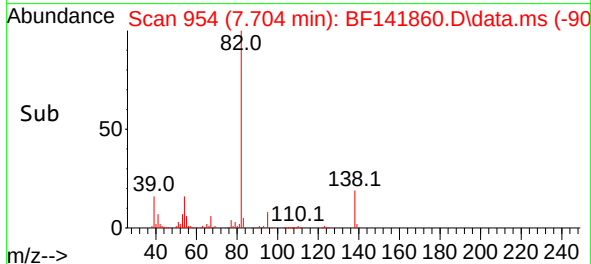
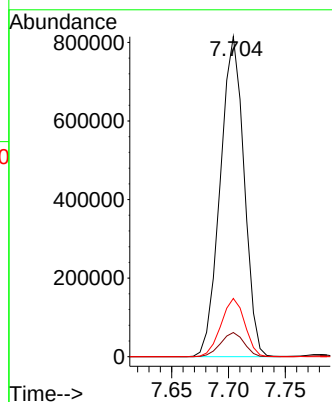
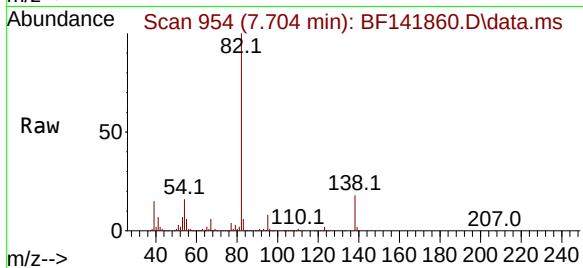




#25
Isophorone
Concen: 41.131 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

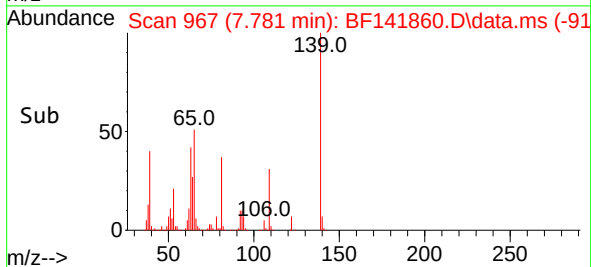
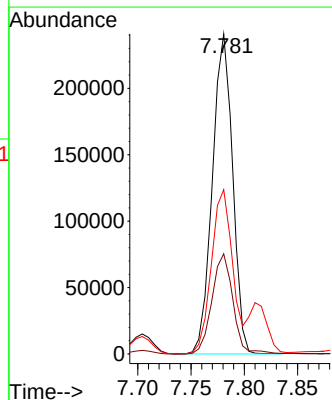
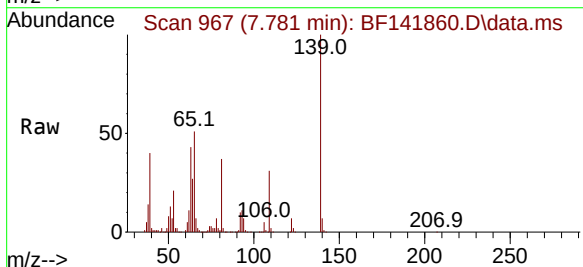
Instrument :
BNA_F
ClientSampleId :
PB166984BS

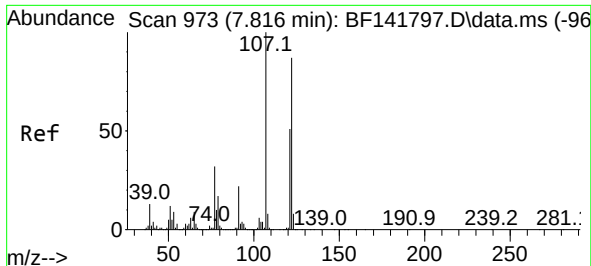
Tgt Ion: 82 Resp: 1189358
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 18.2 14.0 21.0



#26
2-Nitrophenol
Concen: 49.233 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:139 Resp: 317830
Ion Ratio Lower Upper
139 100
109 31.3 24.1 36.1
65 51.4 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 51.293 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

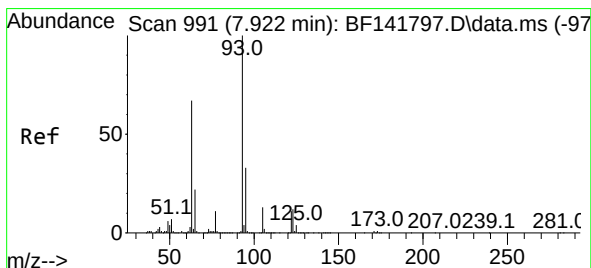
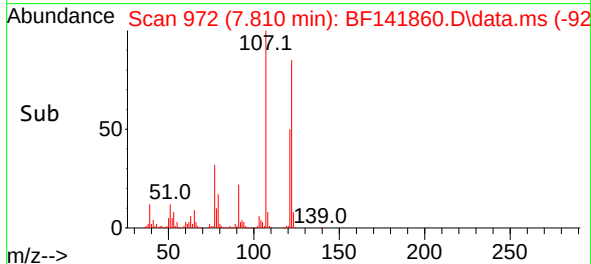
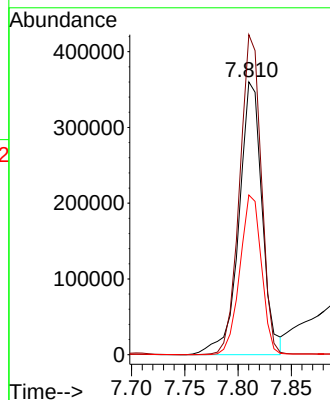
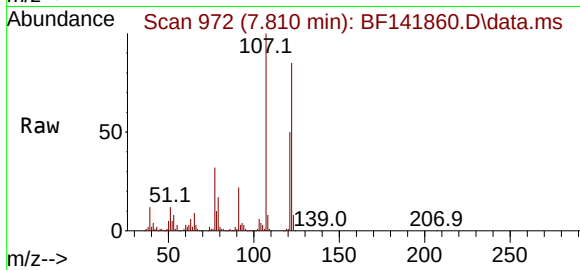
Tgt Ion:122 Resp: 545219

Ion Ratio Lower Upper

122 100

107 117.3 92.5 138.7

121 58.5 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.479 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

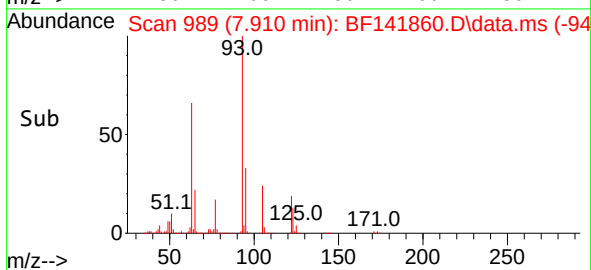
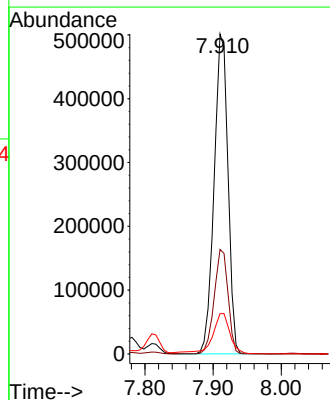
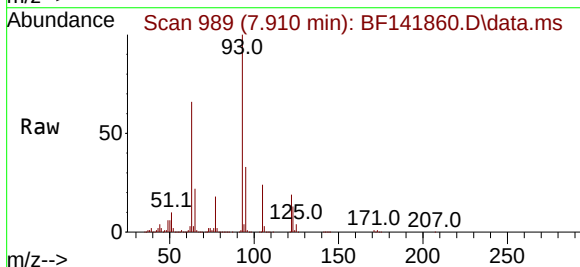
Tgt Ion: 93 Resp: 709782

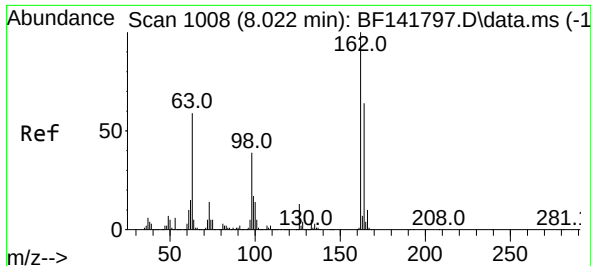
Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 12.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 41.536 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

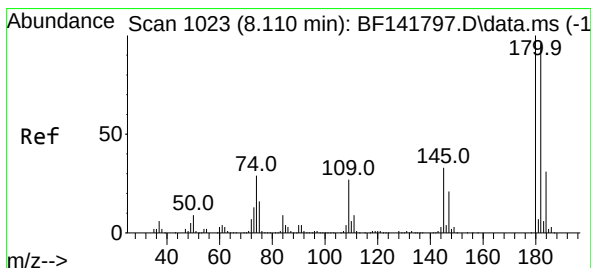
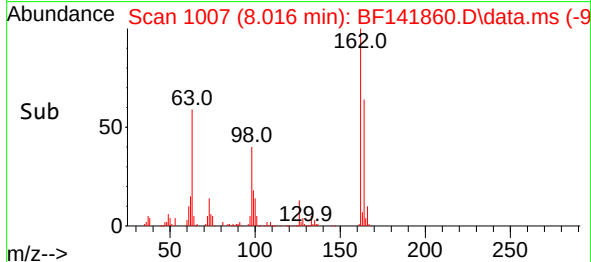
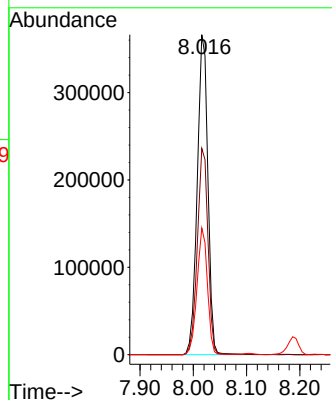
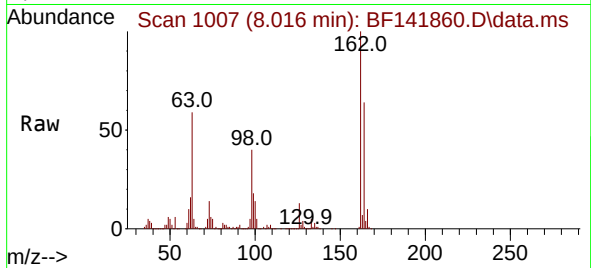
Tgt Ion:162 Resp: 509337

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 39.6 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.101 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

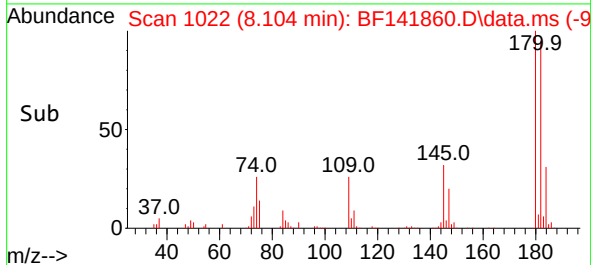
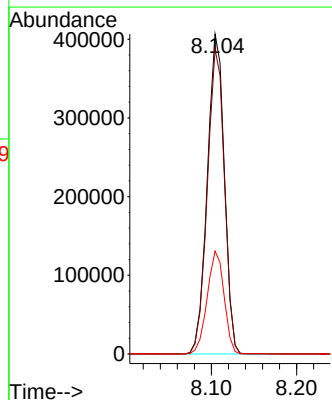
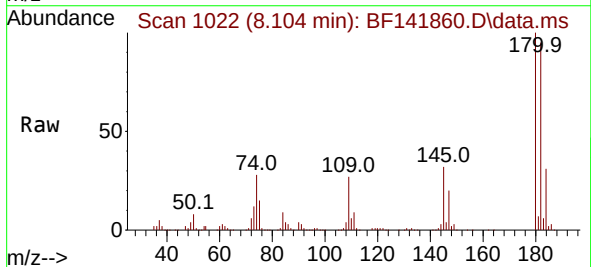
Tgt Ion:180 Resp: 565708

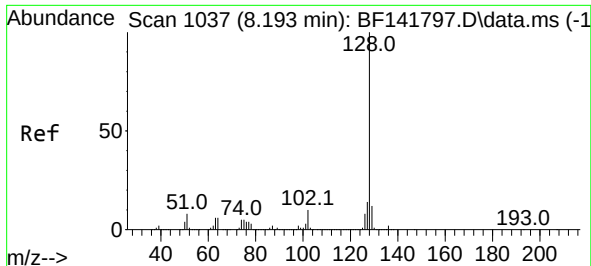
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 32.1 26.4 39.6

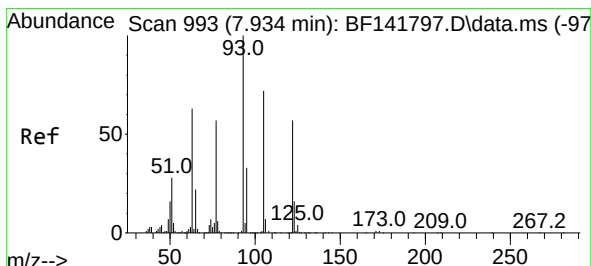
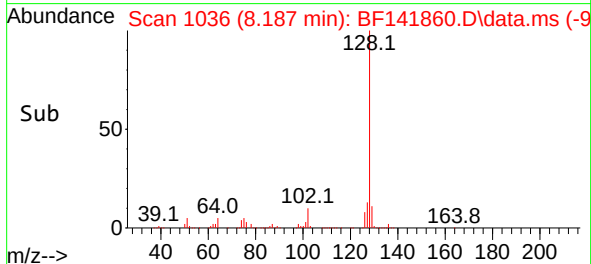
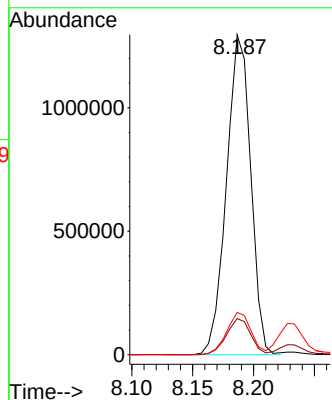
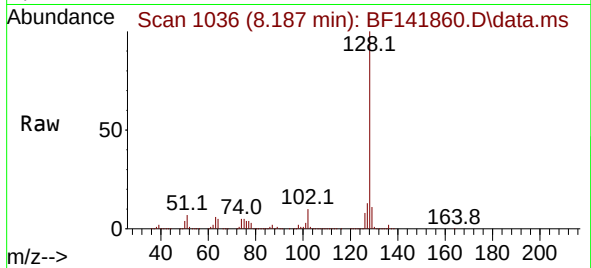




#31
Naphthalene
Concen: 40.665 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

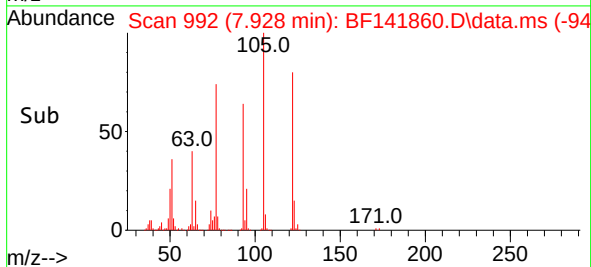
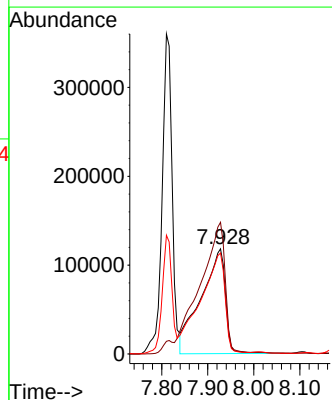
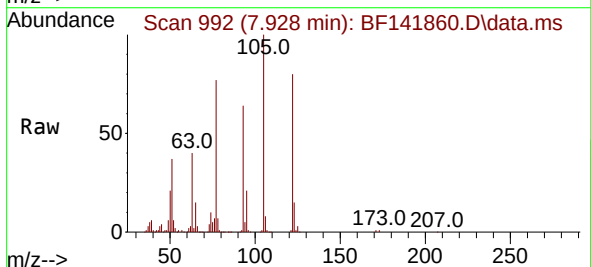
Instrument :
BNA_F
ClientSampleId :
PB166984BS

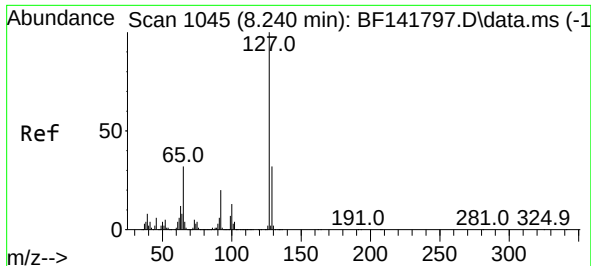
Tgt Ion:128 Resp: 1798156
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 48.969 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:122 Resp: 436083
Ion Ratio Lower Upper
122 100
105 125.2 105.8 145.8
77 96.1 79.9 119.9

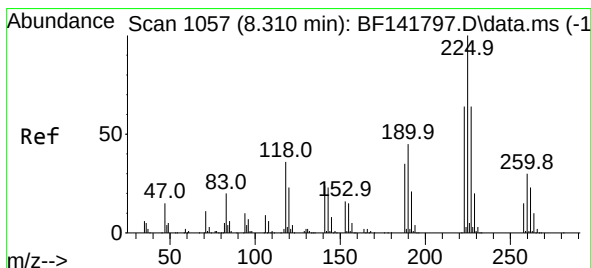
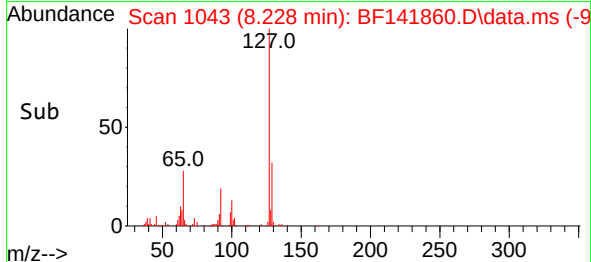
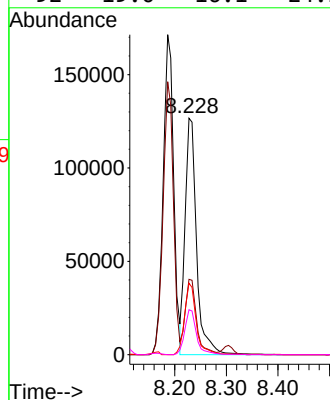
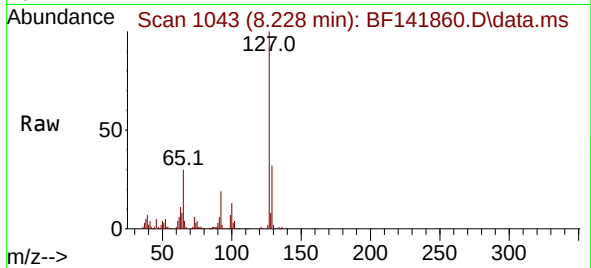




#33
4-Chloroaniline
Concen: 12.093 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

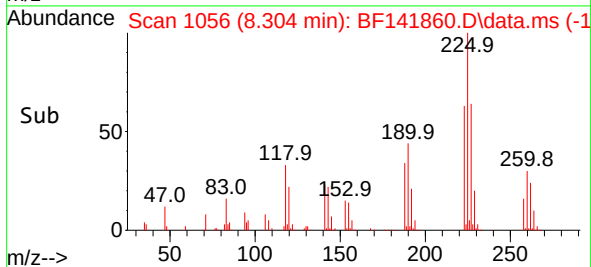
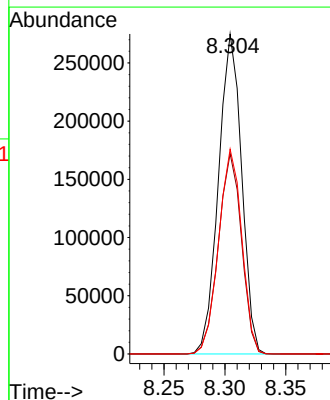
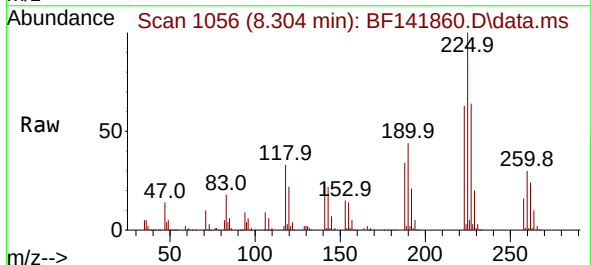
Instrument :
BNA_F
ClientSampleId :
PB166984BS

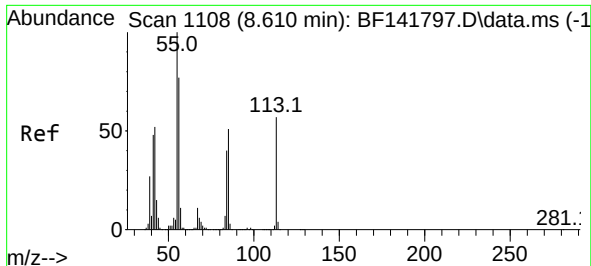
Tgt Ion:127	Resp: 196072
Ion Ratio	Lower Upper
127 100	
129 31.8	26.1 39.1
65 30.3	25.7 38.5
92 19.0	16.1 24.1



#34
Hexachlorobutadiene
Concen: 43.526 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt	Ion:225	Resp:	363439
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	64.0	51.6	77.4

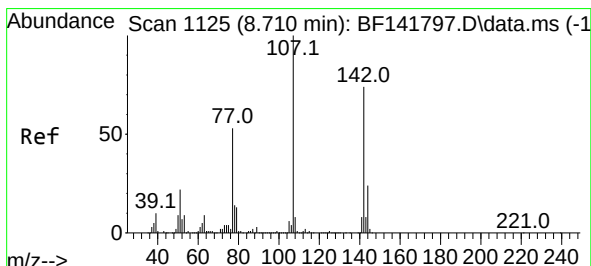
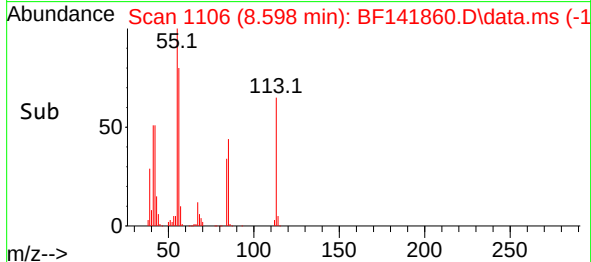
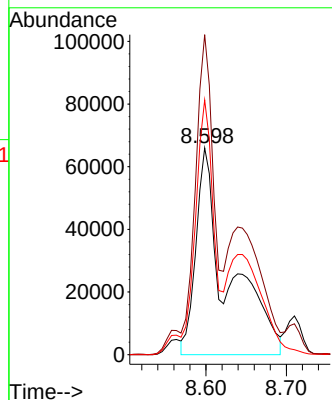
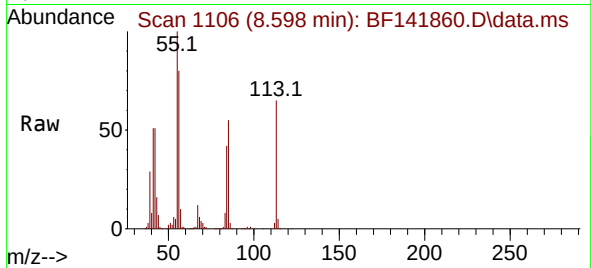




#35
Caprolactam
Concen: 48.041 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

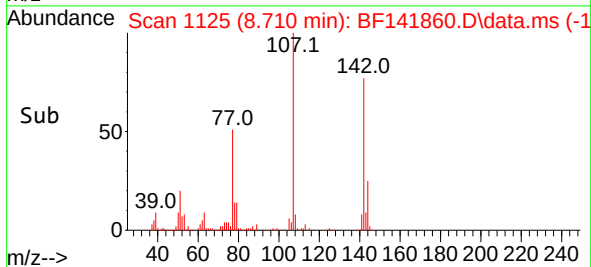
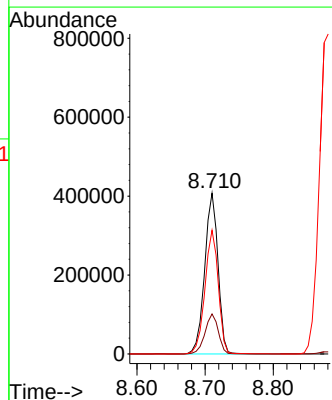
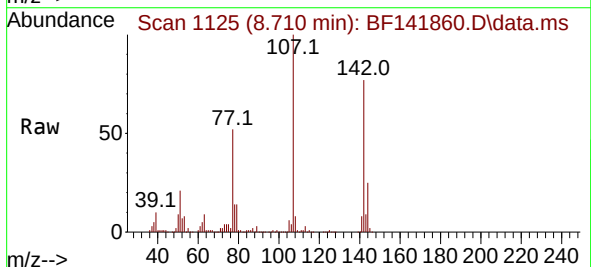
Instrument :
BNA_F
ClientSampleId :
PB166984BS

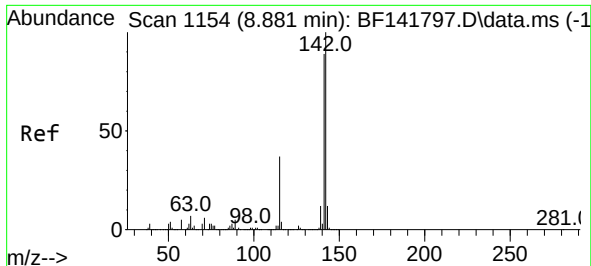
Tgt Ion:113 Resp: 181228
Ion Ratio Lower Upper
113 100
55 154.8 155.6 195.6#
56 123.2 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 40.762 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:107 Resp: 555267
Ion Ratio Lower Upper
107 100
144 24.9 19.4 29.0
142 76.9 59.4 89.0

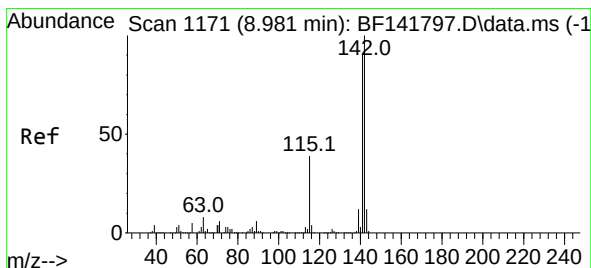
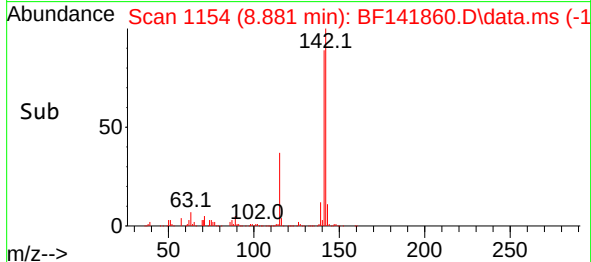
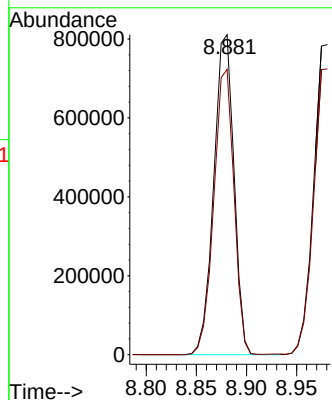
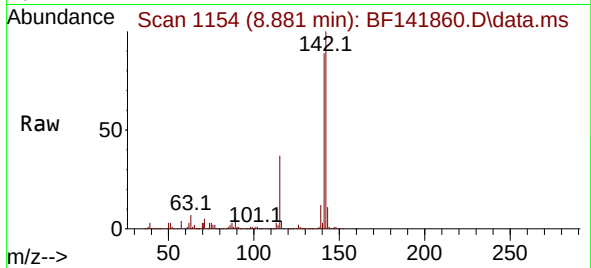




#37
2-Methylnaphthalene
Concen: 39.174 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

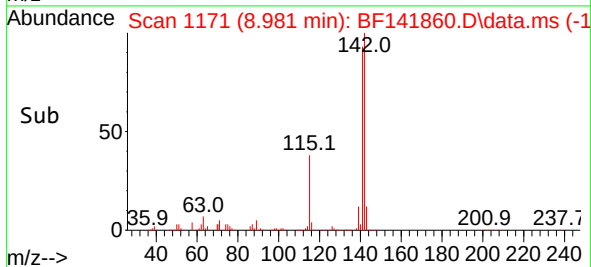
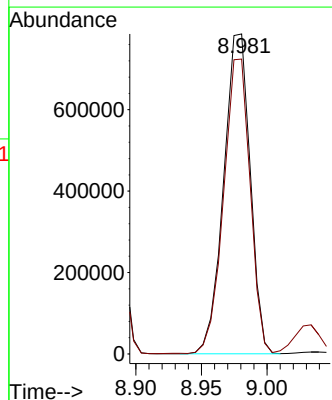
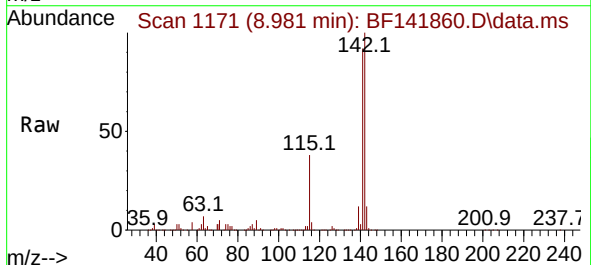
Instrument :
BNA_F
ClientSampleId :
PB166984BS

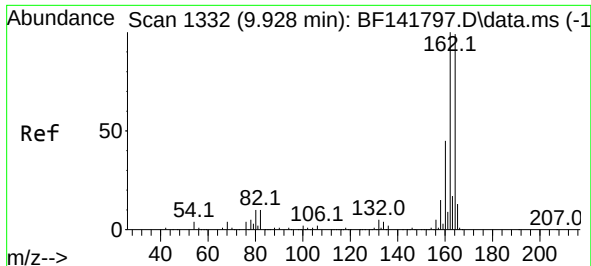
Tgt Ion:142 Resp: 1136178
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.748 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:142 Resp: 1106172
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7

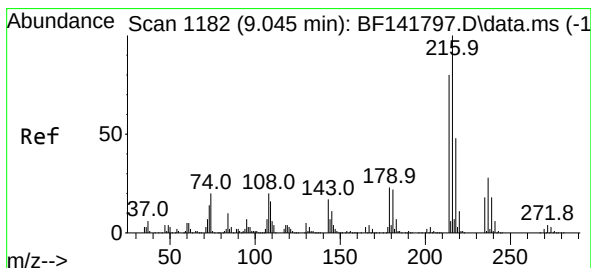
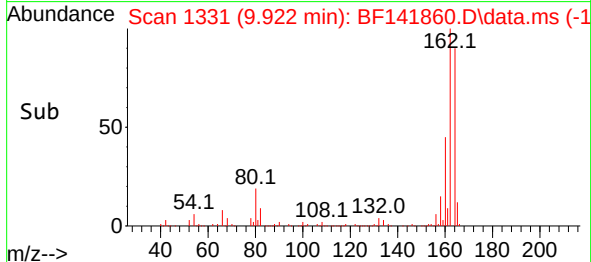
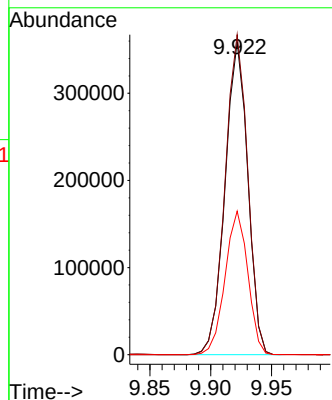
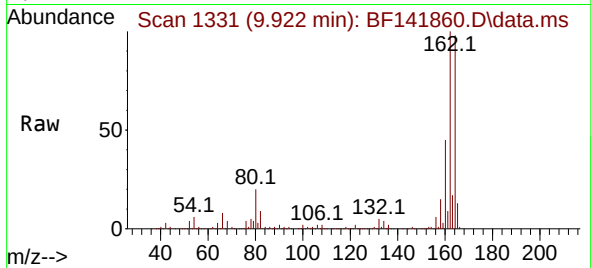




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

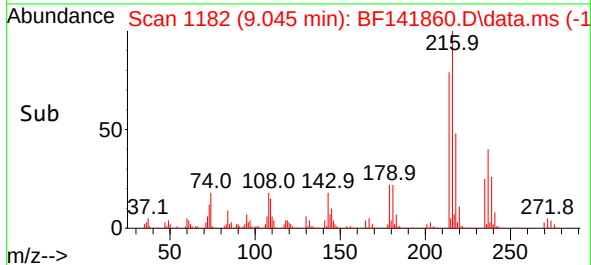
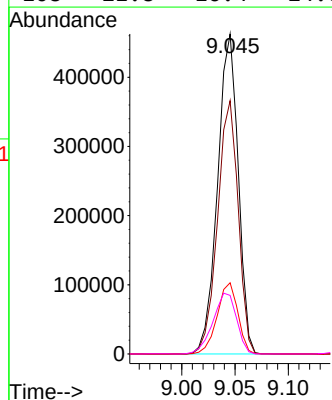
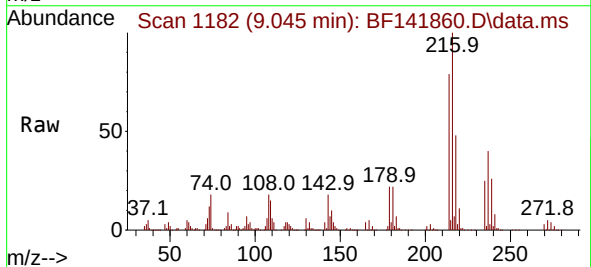
Instrument :
BNA_F
ClientSampleId :
PB166984BS

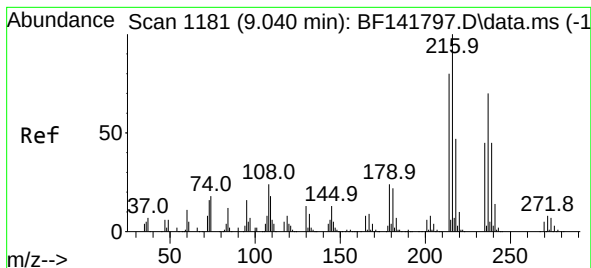
Tgt Ion:164 Resp: 467040
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.9 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.050 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:216 Resp: 621149
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 22.4 18.1 27.1
108 21.8 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 147.481 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

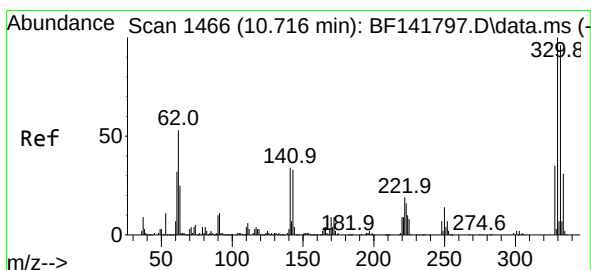
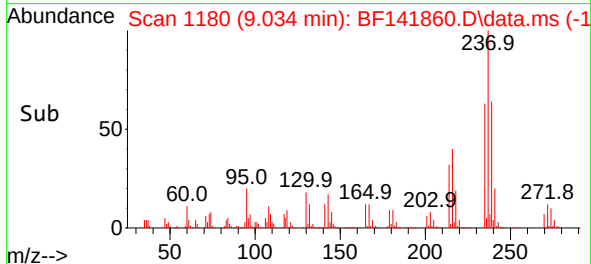
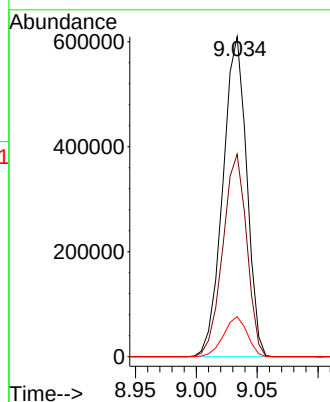
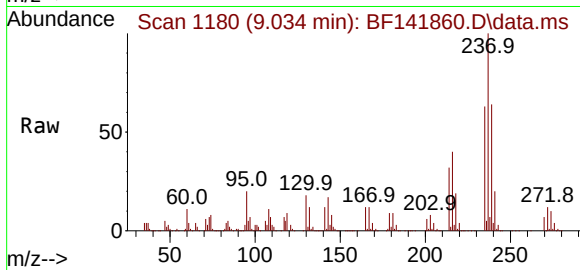
Tgt Ion:237 Resp: 830196

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 12.5 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 165.555 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

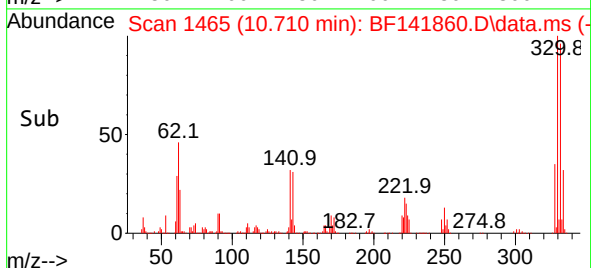
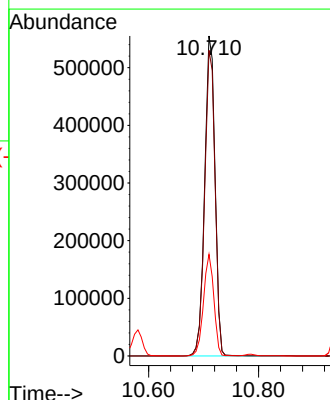
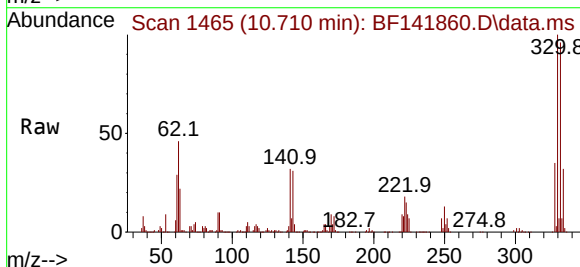
Tgt Ion:330 Resp: 725902

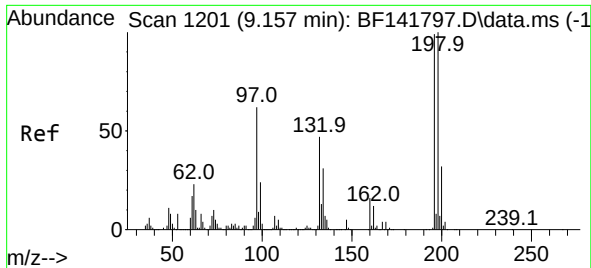
Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

141 31.8 29.0 43.4

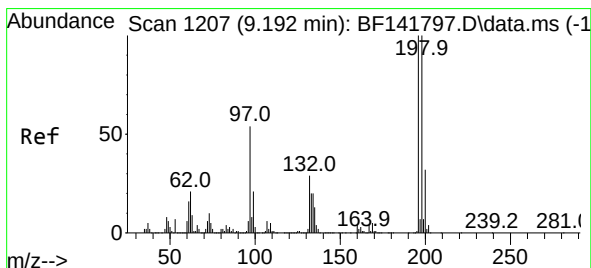
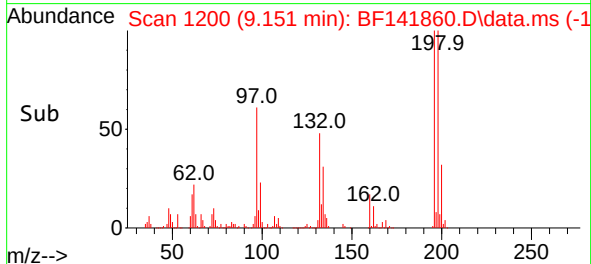
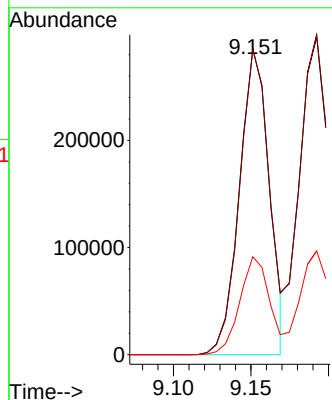
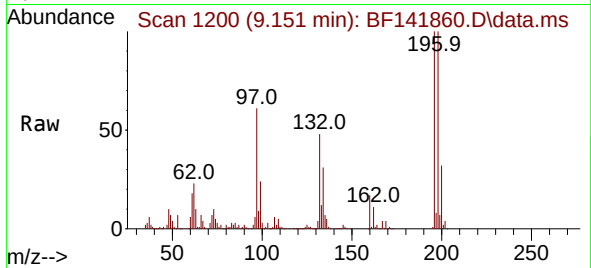




#43
2,4,6-Trichlorophenol
Concen: 43.792 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

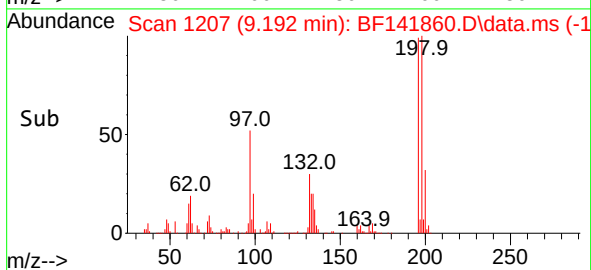
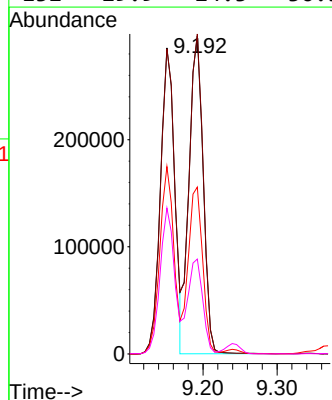
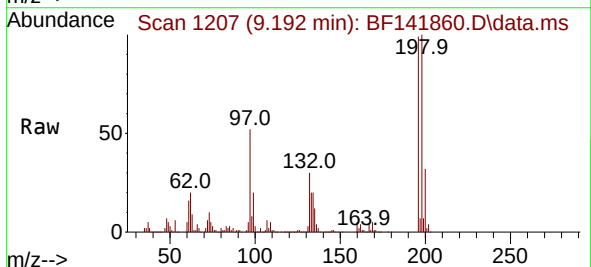
Instrument :
BNA_F
ClientSampleId :
PB166984BS

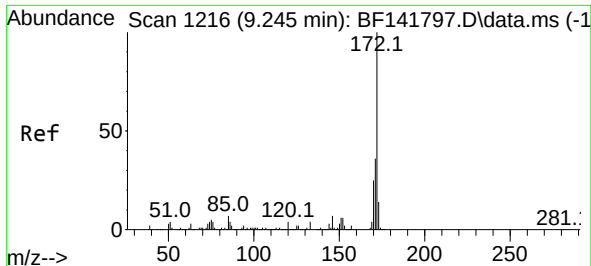
Tgt Ion:196 Resp: 381567
Ion Ratio Lower Upper
196 100
198 99.7 80.4 120.6
200 32.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 45.604 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:196 Resp: 393469
Ion Ratio Lower Upper
196 100
198 100.7 79.7 119.5
97 52.5 44.2 66.2
132 29.9 24.3 36.5

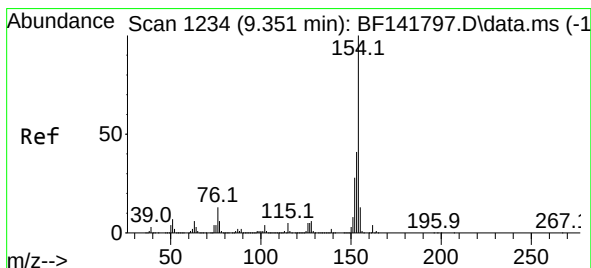
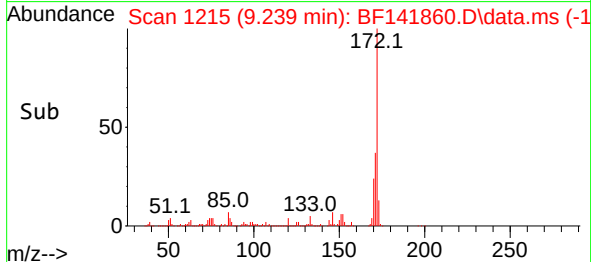
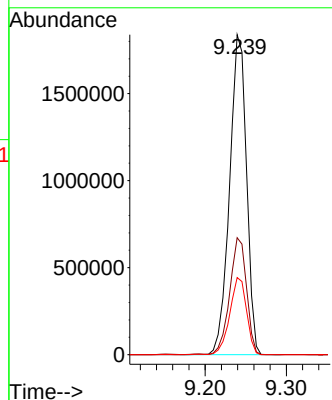
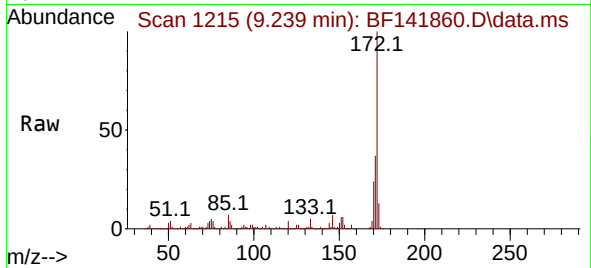




#45
2-Fluorobiphenyl
Concen: 91.306 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

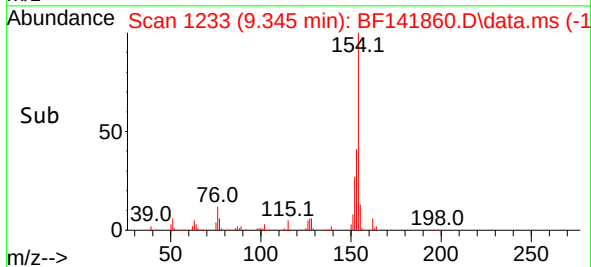
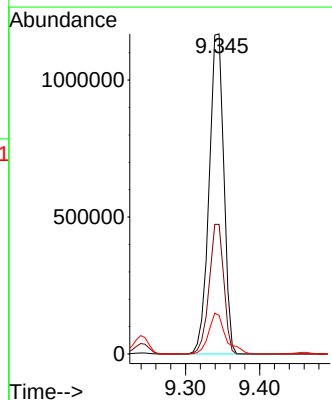
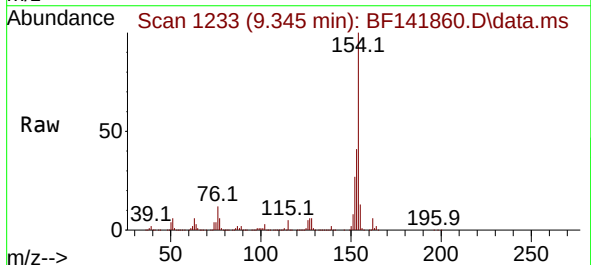
Instrument :
BNA_F
ClientSampleId :
PB166984BS

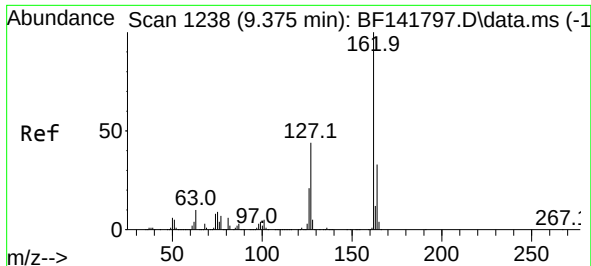
Tgt Ion:172 Resp: 2659506
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 19.7 29.5



#46
1,1'-Biphenyl
Concen: 45.323 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:154 Resp: 1611215
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 12.0 0.0 33.4

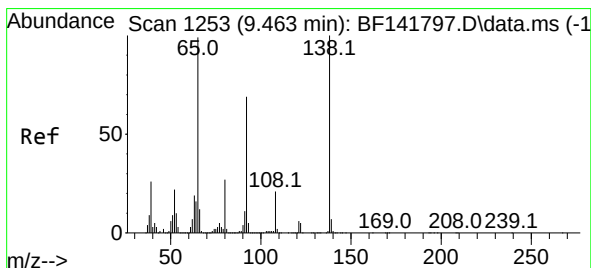
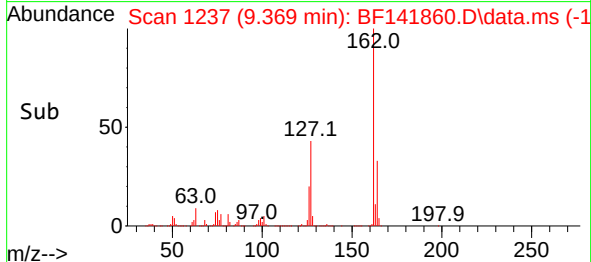
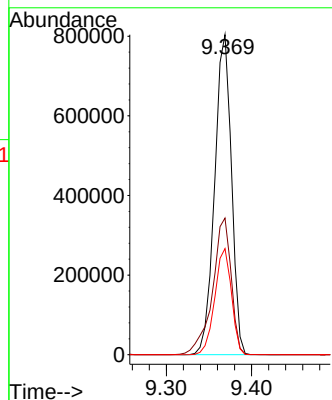
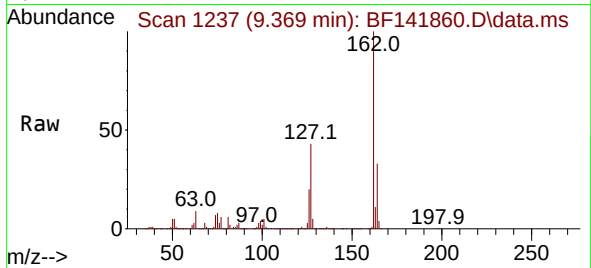




#47
2-Chloronaphthalene
Concen: 41.882 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

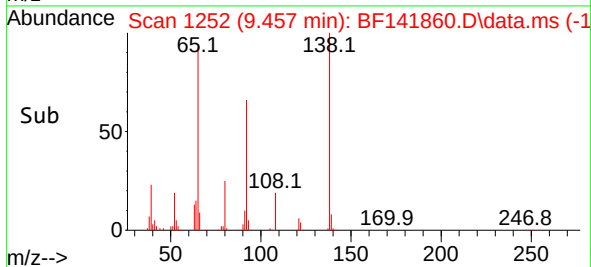
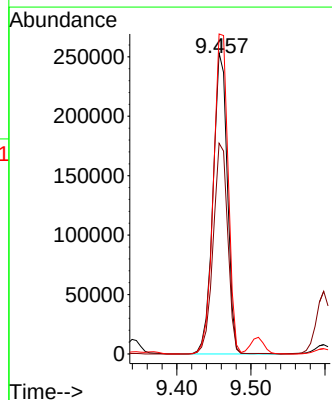
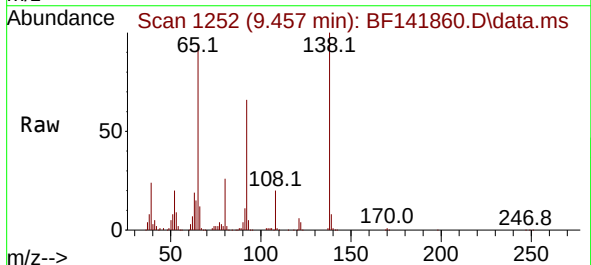
Instrument :
BNA_F
ClientSampleId :
PB166984BS

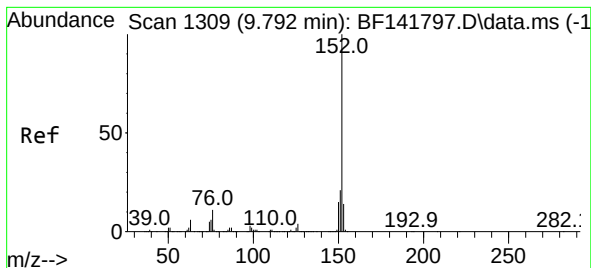
Tgt Ion:162 Resp: 1098889
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.6
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 47.626 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion: 65 Resp: 341789
Ion Ratio Lower Upper
65 100
92 70.0 55.7 83.5
138 106.3 80.6 121.0





#49

Acenaphthylene

Concen: 43.557 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

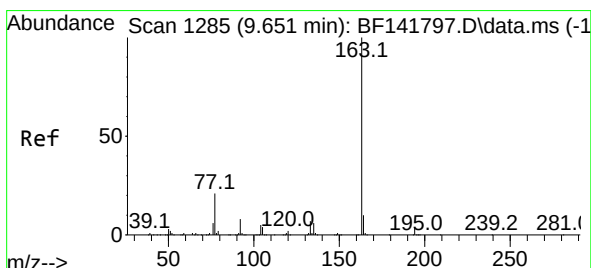
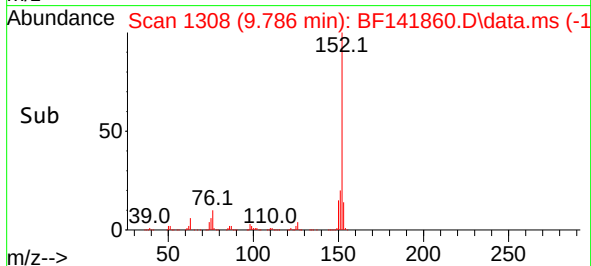
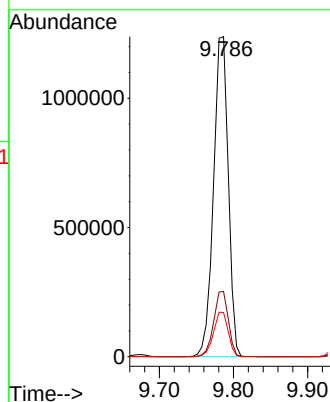
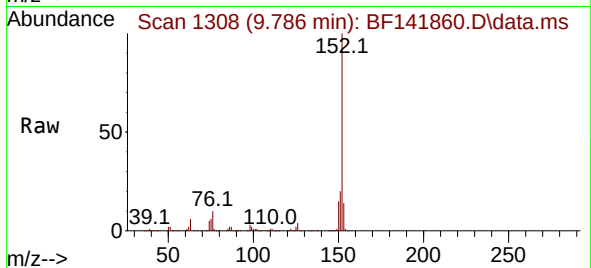
Tgt Ion:152 Resp: 1713470

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 13.8 11.2 16.8



#50

Dimethylphthalate

Concen: 42.006 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

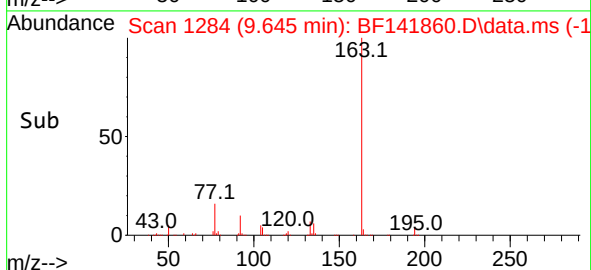
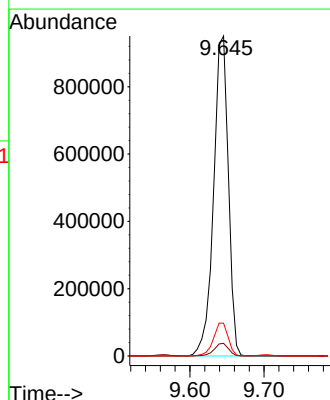
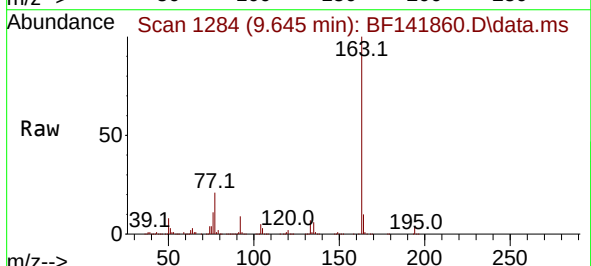
Tgt Ion:163 Resp: 1313815

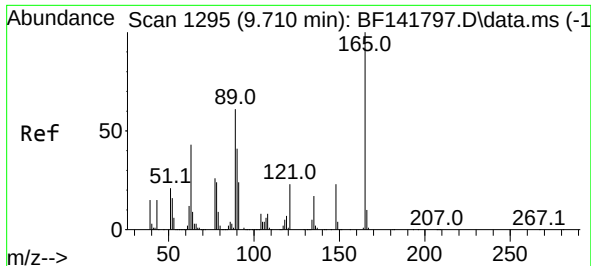
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.4 12.6

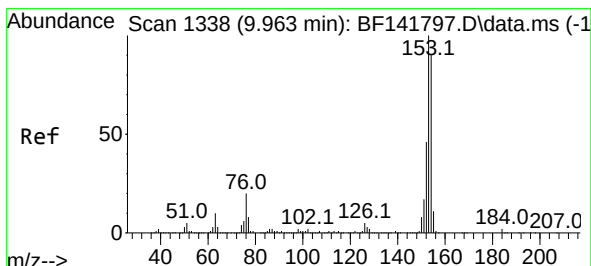
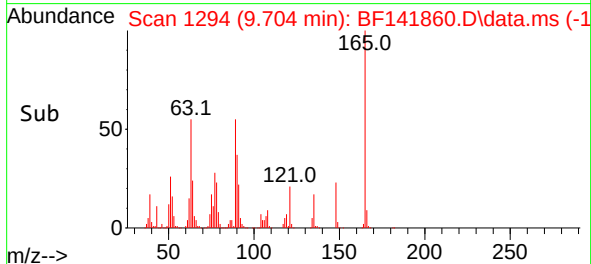
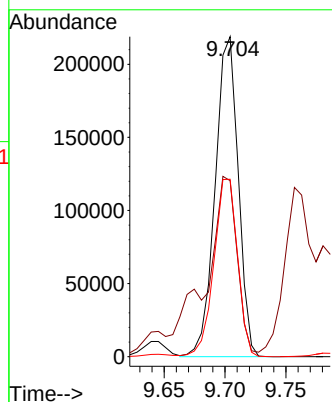
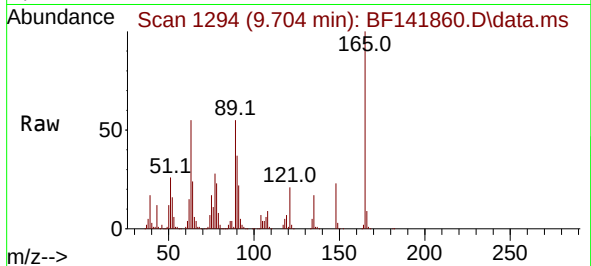




#51
2,6-Dinitrotoluene
Concen: 48.247 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

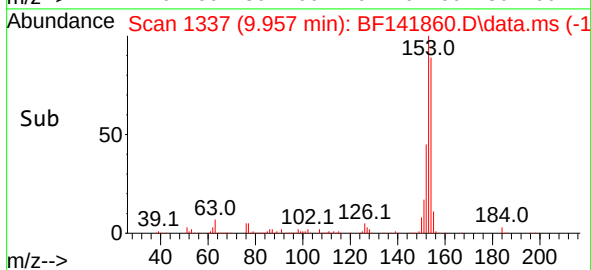
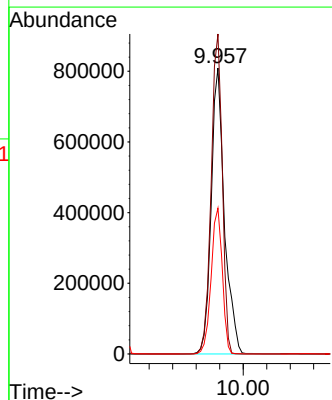
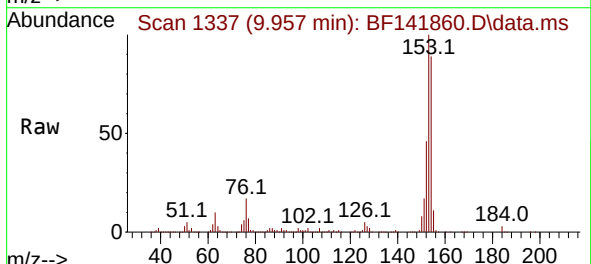
Instrument :
BNA_F
ClientSampleId :
PB166984BS

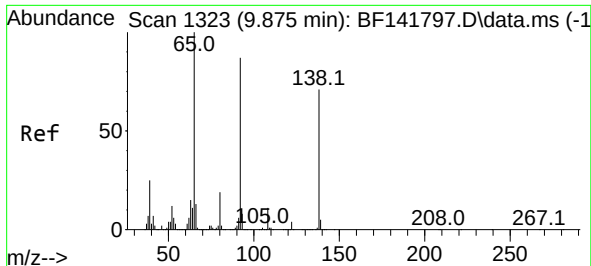
Tgt Ion:165 Resp: 288768
Ion Ratio Lower Upper
165 100
63 55.0 49.5 74.3
89 55.5 49.0 73.4



#52
Acenaphthene
Concen: 47.702 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:154 Resp: 1266215
Ion Ratio Lower Upper
154 100
153 111.9 88.7 133.1
152 51.0 40.9 61.3

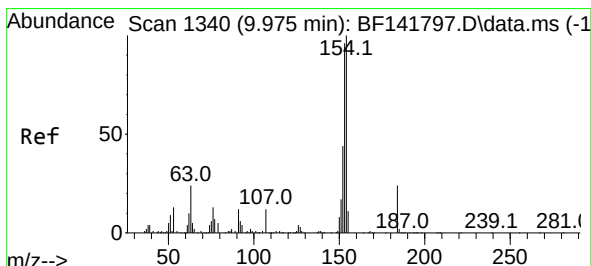
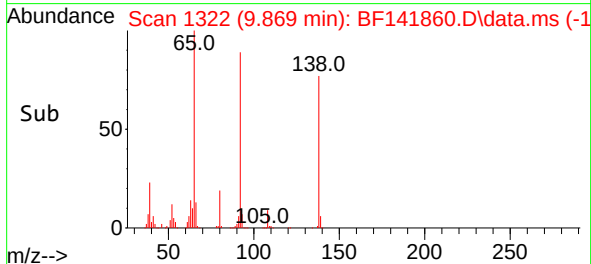
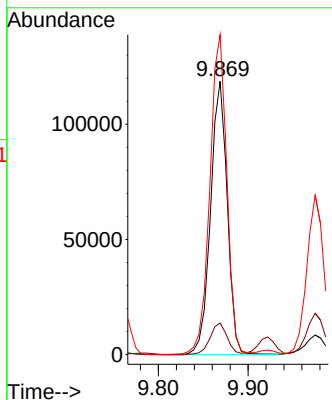
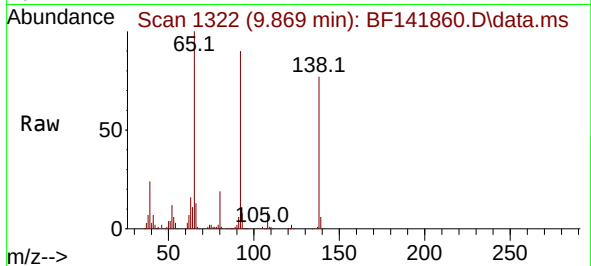




#53
3-Nitroaniline
Concen: 25.520 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

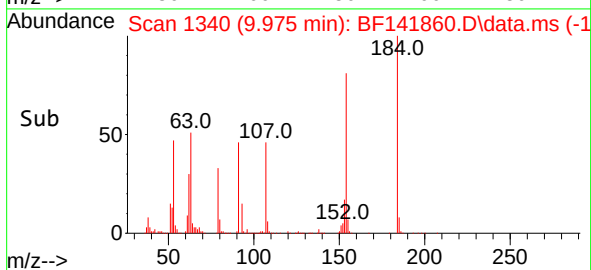
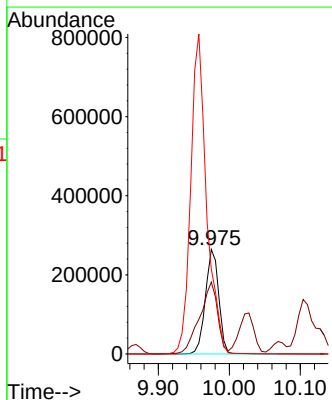
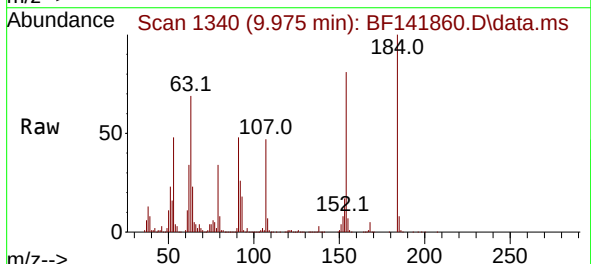
Instrument :
BNA_F
ClientSampleId :
PB166984BS

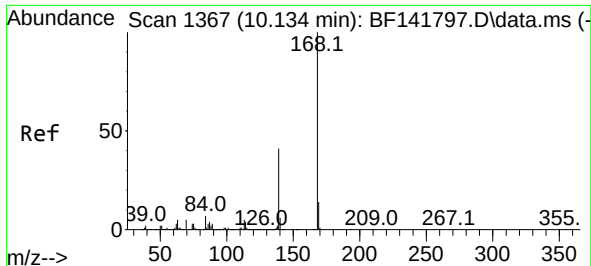
Tgt Ion:138 Resp: 153204
Ion Ratio Lower Upper
138 100
108 11.6 12.7 19.1#
92 117.0 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 111.084 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:184 Resp: 346122
Ion Ratio Lower Upper
184 100
63 68.9 79.0 118.6#
154 81.2 335.8 503.8#

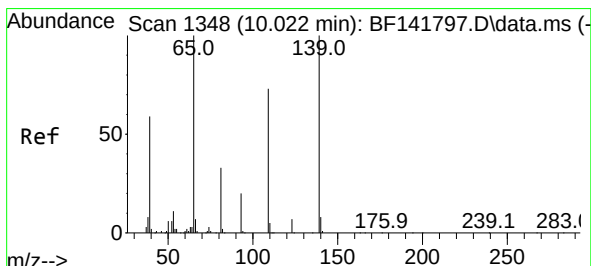
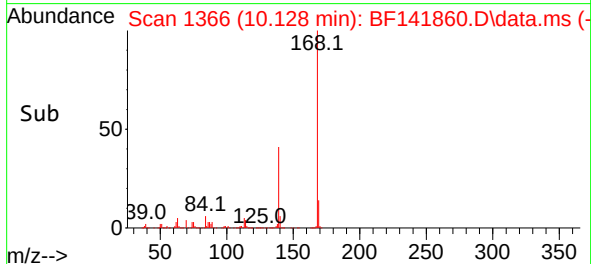
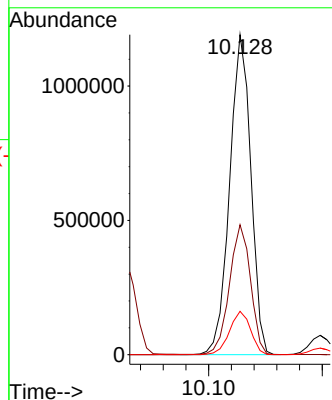
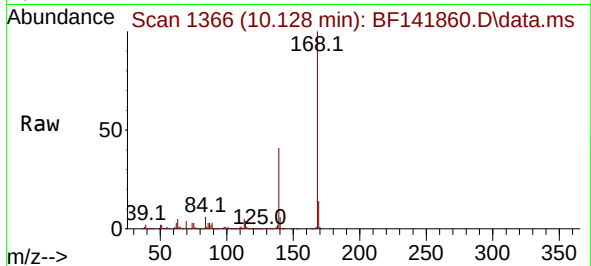




#55
Dibenzenofuran
Concen: 39.970 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

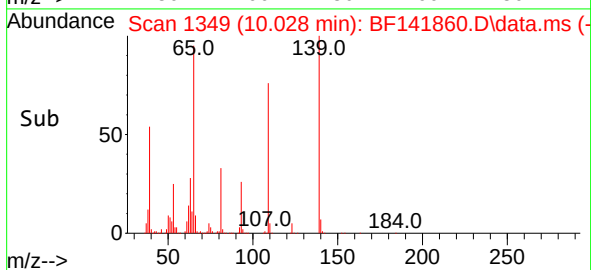
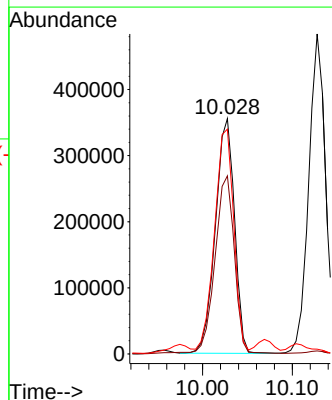
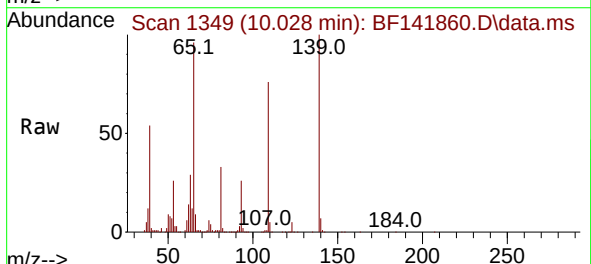
Instrument :
BNA_F
ClientSampleId :
PB166984BS

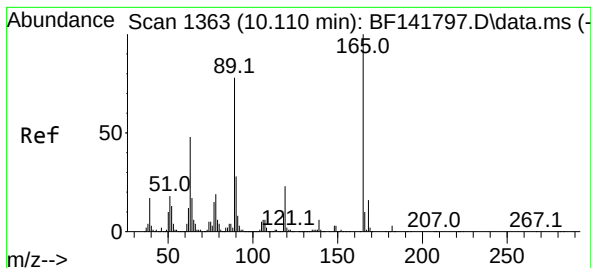
Tgt Ion:168 Resp: 1544243
Ion Ratio Lower Upper
168 100
139 40.6 32.9 49.3
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 113.842 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:139 Resp: 525883
Ion Ratio Lower Upper
139 100
109 75.6 53.4 93.4
65 95.5 82.1 122.1

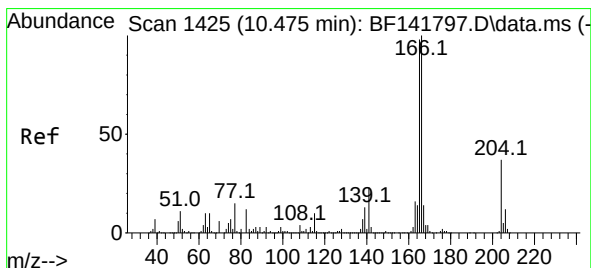
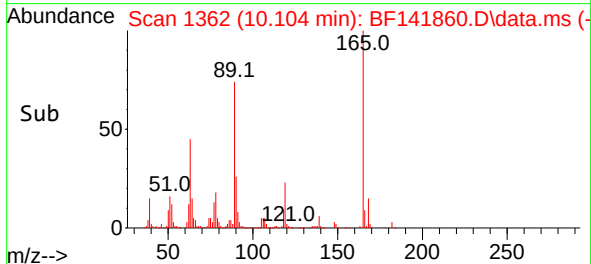
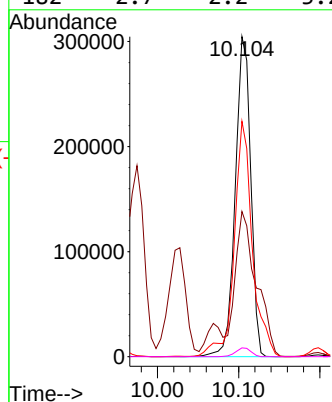
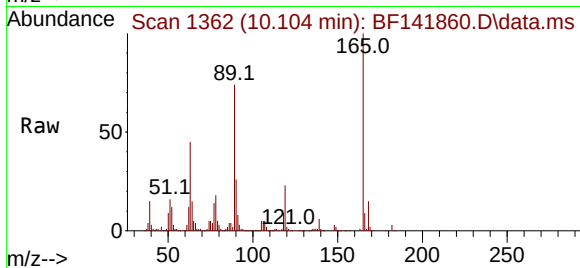




#57
2,4-Dinitrotoluene
Concen: 54.446 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

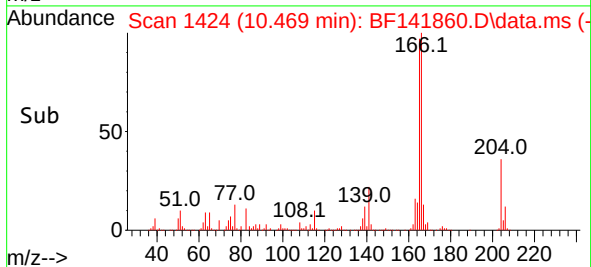
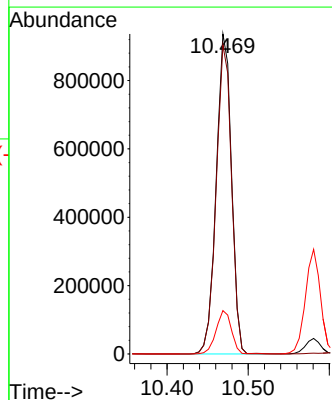
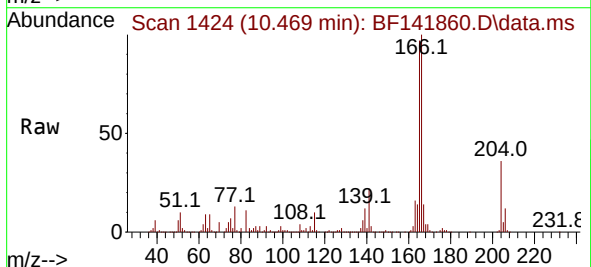
Instrument :
BNA_F
ClientSampleId :
PB166984BS

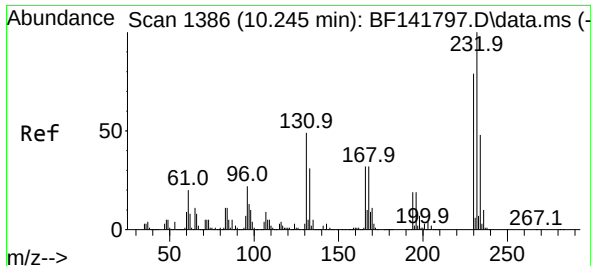
Tgt Ion:165 Resp: 401637
Ion Ratio Lower Upper
165 100
63 45.3 38.8 58.2
89 73.6 62.6 94.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.376 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:166 Resp: 1226351
Ion Ratio Lower Upper
166 100
165 96.5 78.6 117.8
167 13.5 11.0 16.4

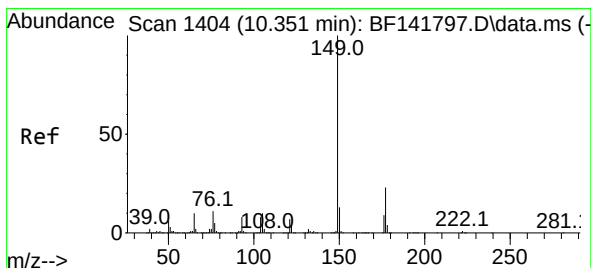
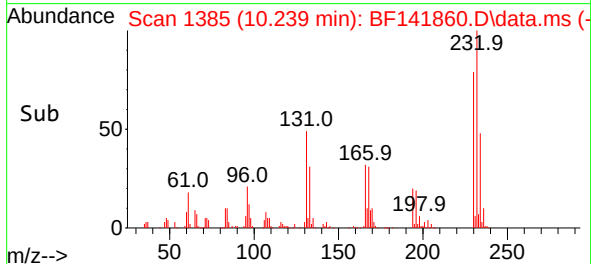
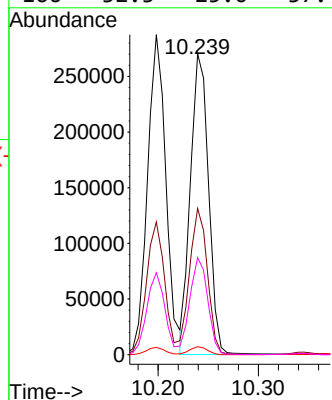
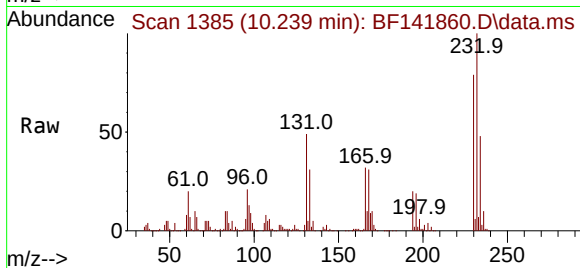




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.070 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

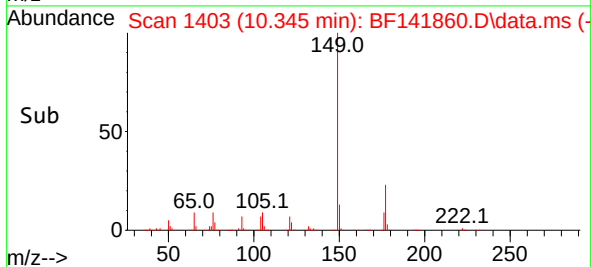
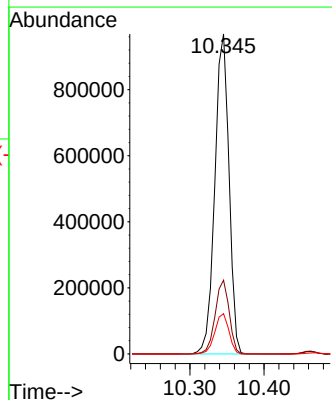
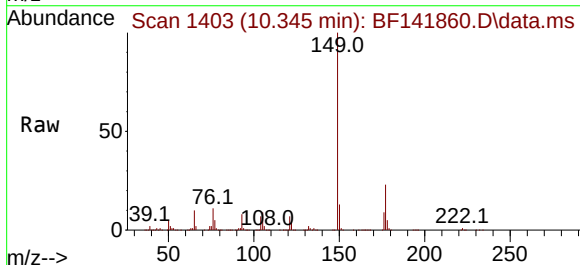
Instrument :
BNA_F
ClientSampleId :
PB166984BS

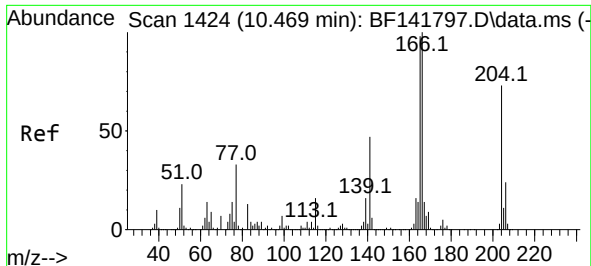
Tgt Ion:232 Resp: 338195
Ion Ratio Lower Upper
232 100
131 48.4 37.8 56.8
130 2.6 2.0 3.0
166 32.3 25.0 37.4



#60
Diethylphthalate
Concen: 40.869 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:149 Resp: 1281425
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.6 10.3 15.5

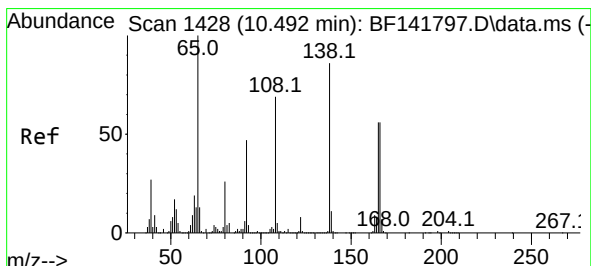
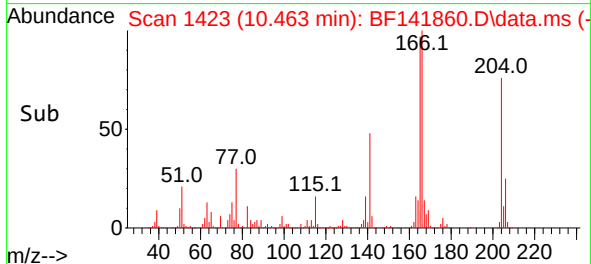
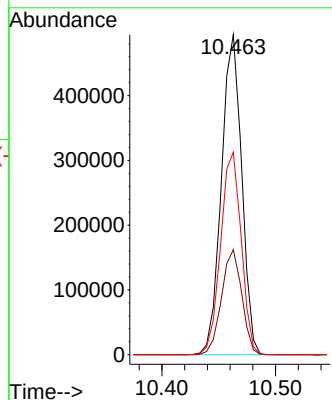
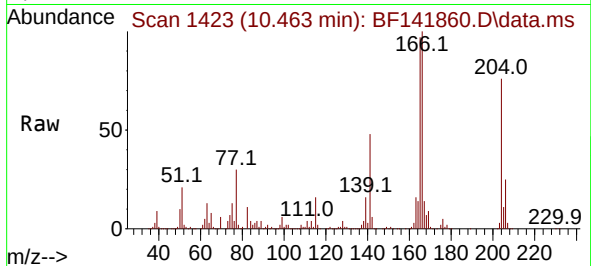




#61
4-Chlorophenyl-phenylether
Concen: 42.256 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

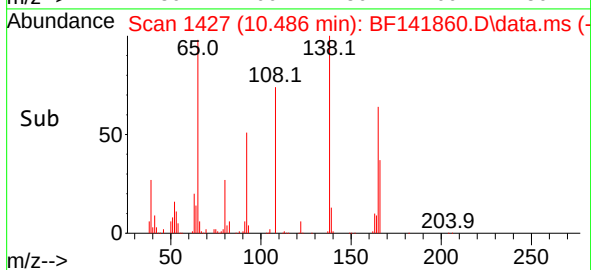
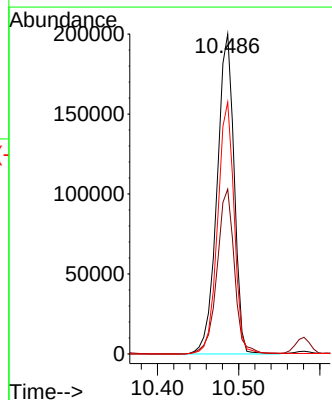
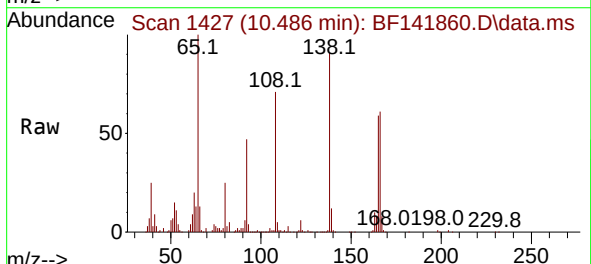
Instrument :
BNA_F
ClientSampleId :
PB166984BS

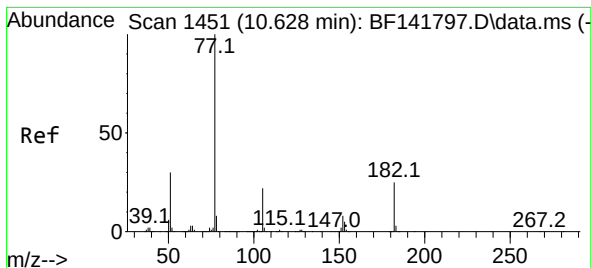
Tgt Ion:204 Resp: 612702
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 63.3 51.7 77.5



#62
4-Nitroaniline
Concen: 54.897 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:138 Resp: 293220
Ion Ratio Lower Upper
138 100
92 51.5 34.9 74.9
108 78.7 59.6 99.6



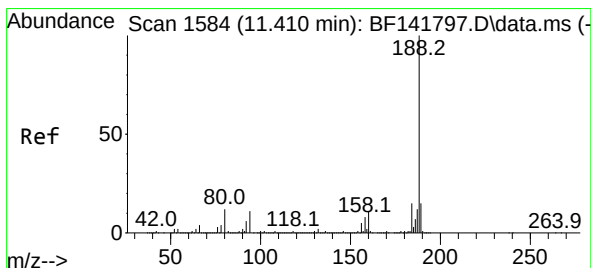
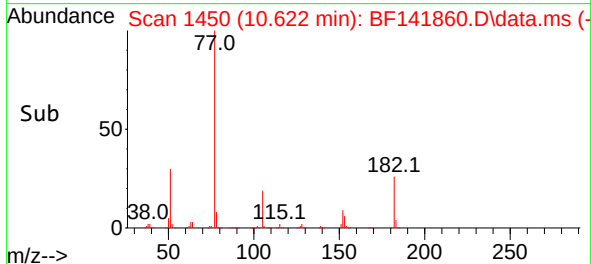
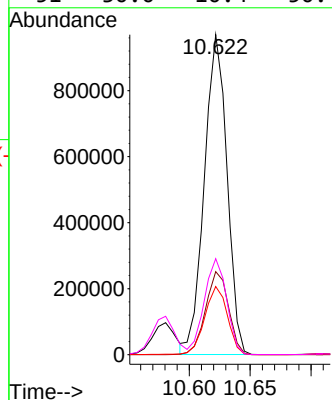
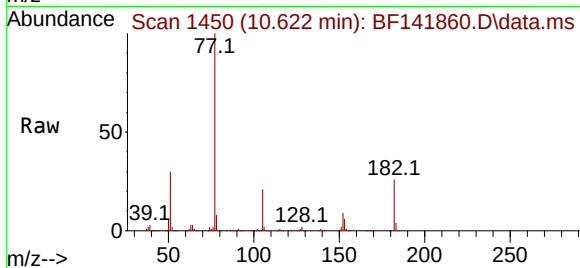


#63
 Azobenzene
 Concen: 37.955 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

Tgt Ion: 77 Resp: 1253041

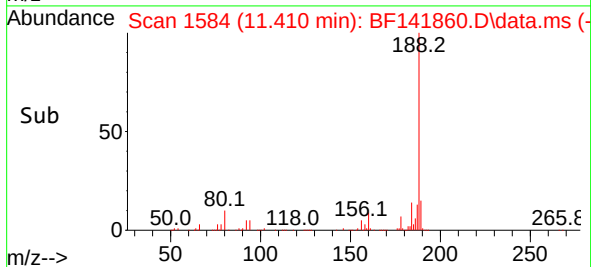
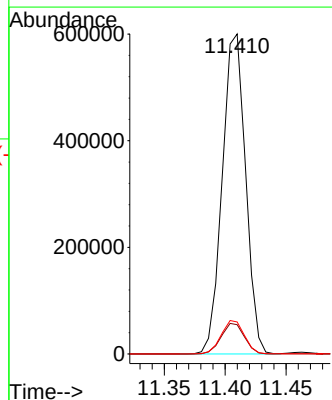
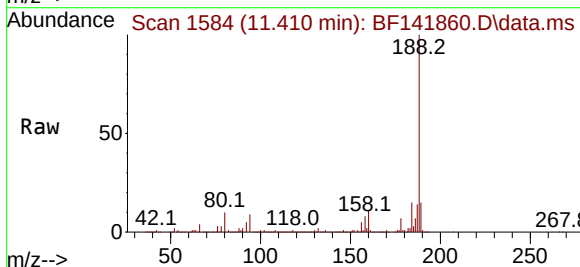
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.2	44.2
105	21.3	1.5	41.5
51	30.0	10.4	50.4

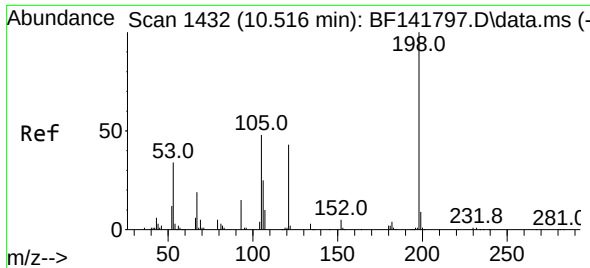


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 1584
 Delta R.T. -0.000 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

Tgt Ion: 188 Resp: 801941

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.9	13.3
80	10.0	9.7	14.5

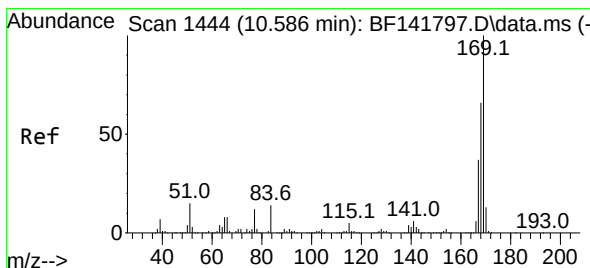
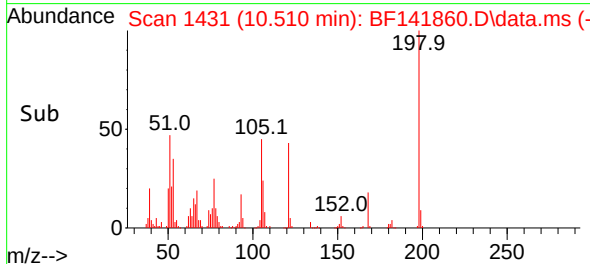
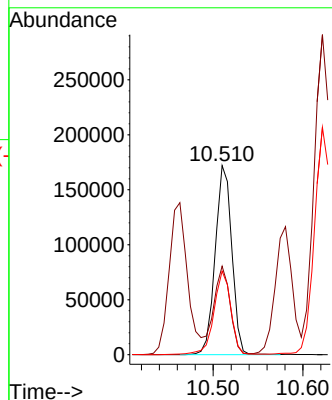
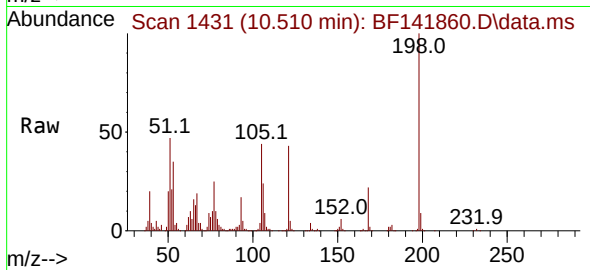




#65
4,6-Dinitro-2-methylphenol
Concen: 56.697 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

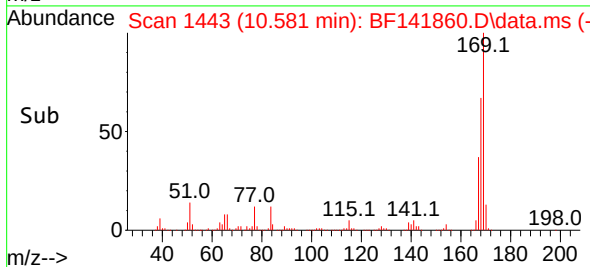
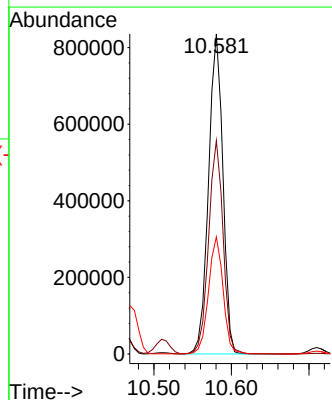
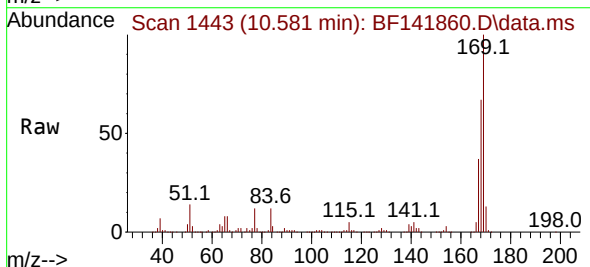
Instrument :
BNA_F
ClientSampleId :
PB166984BS

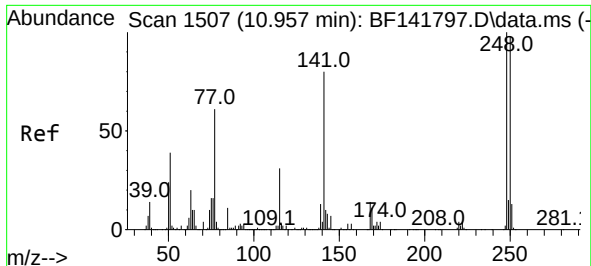
Tgt Ion:198 Resp: 220801
Ion Ratio Lower Upper
198 100
51 46.8 32.1 72.1
105 44.2 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 40.709 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:169 Resp: 1071992
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.6 29.3 43.9

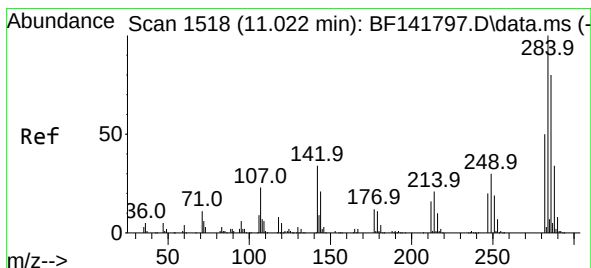
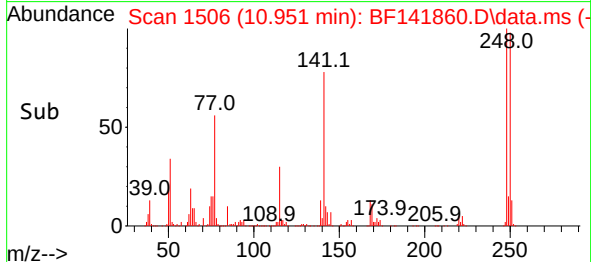
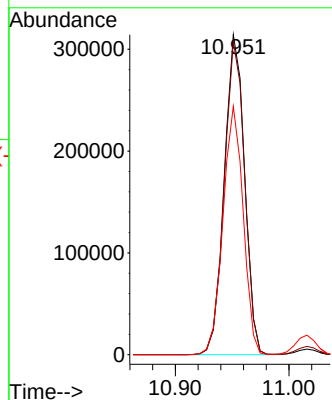
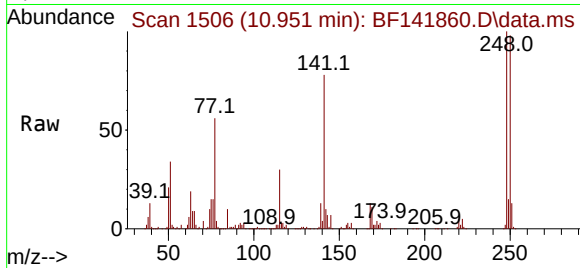




#67
4-Bromophenyl-phenylether
Concen: 41.818 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

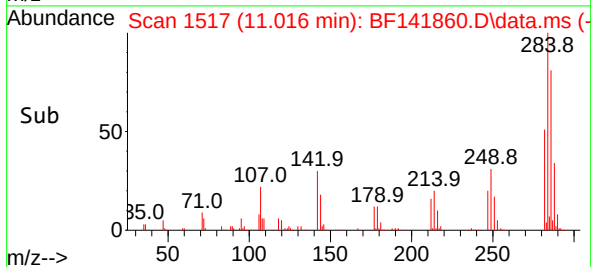
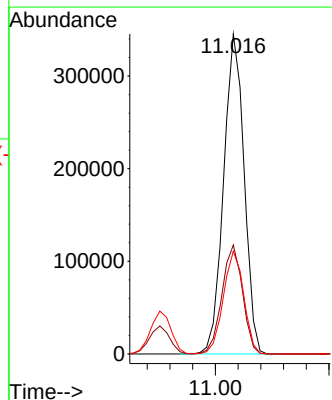
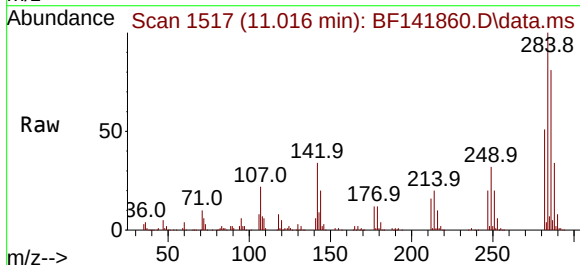
Instrument :
BNA_F
ClientSampleId :
PB166984BS

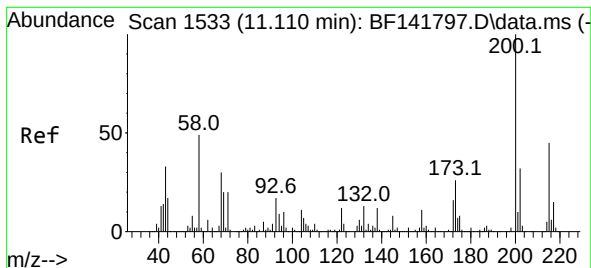
Tgt Ion:248 Resp: 391710
Ion Ratio Lower Upper
248 100
250 97.8 78.1 117.1
141 77.6 64.3 96.5



#68
Hexachlorobenzene
Concen: 43.759 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:284 Resp: 432837
Ion Ratio Lower Upper
284 100
142 34.0 28.2 42.2
249 32.1 25.5 38.3





#69

Atrazine

Concen: 59.829 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

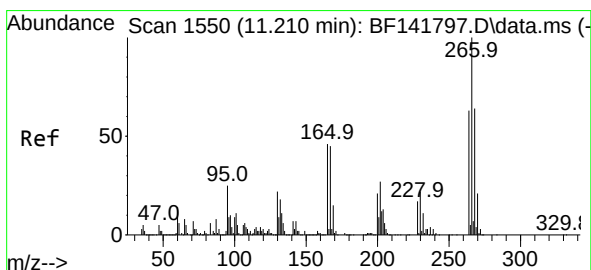
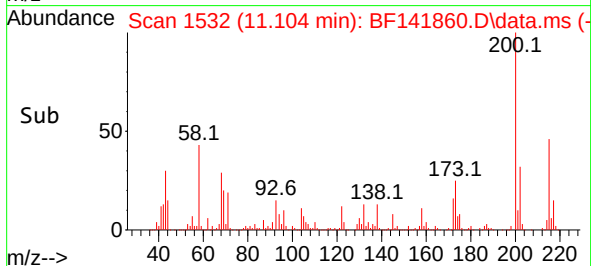
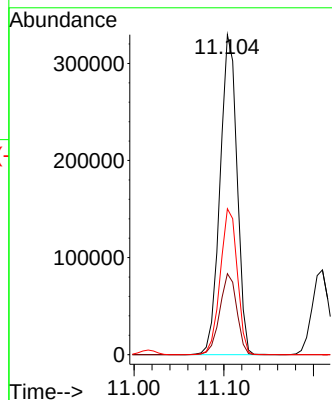
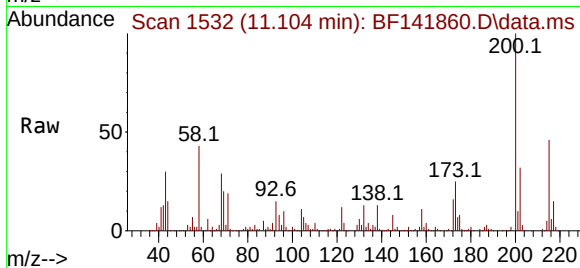
Tgt Ion:200 Resp: 433249

Ion Ratio Lower Upper

200 100

173 25.3 5.6 45.6

215 45.6 25.3 65.3



#70

Pentachlorophenol

Concen: 91.516 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

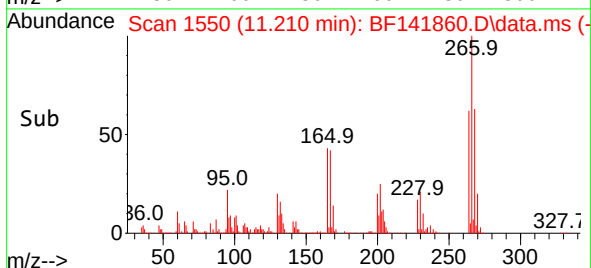
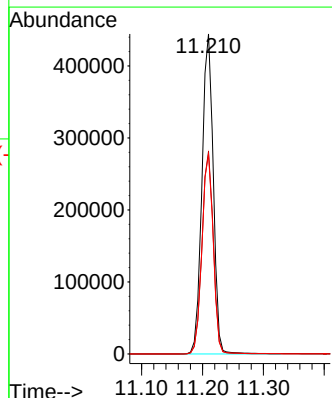
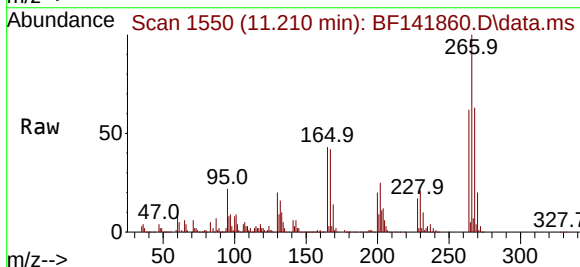
Tgt Ion:266 Resp: 574113

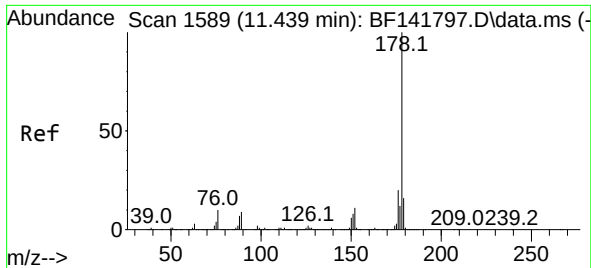
Ion Ratio Lower Upper

266 100

268 63.3 50.9 76.3

264 62.4 50.2 75.4

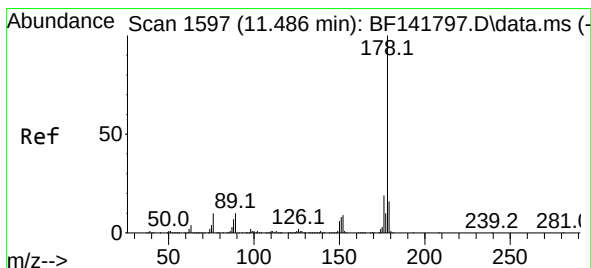
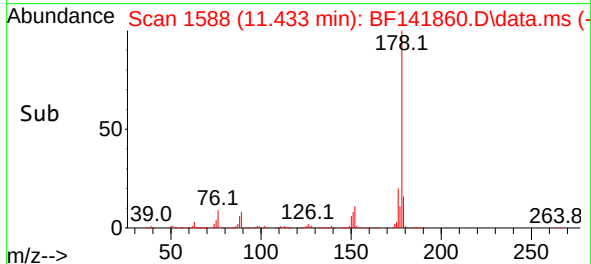
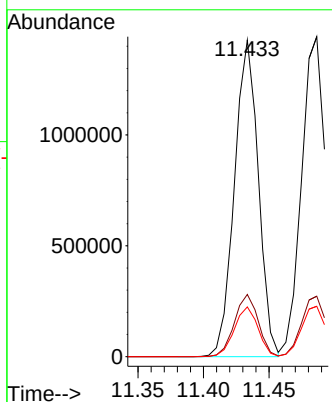
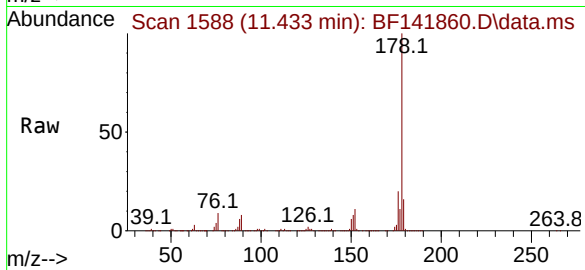




#71
Phenanthrene
Concen: 42.258 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

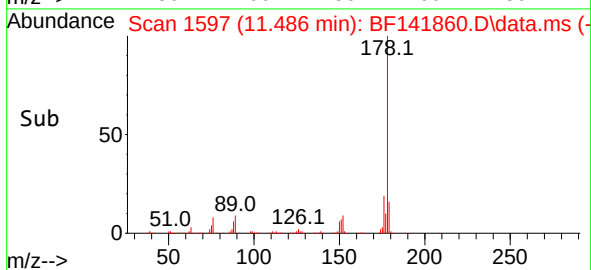
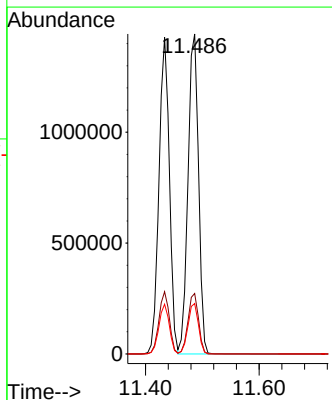
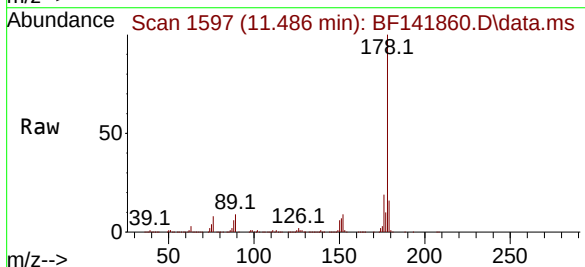
Instrument :
BNA_F
ClientSampleId :
PB166984BS

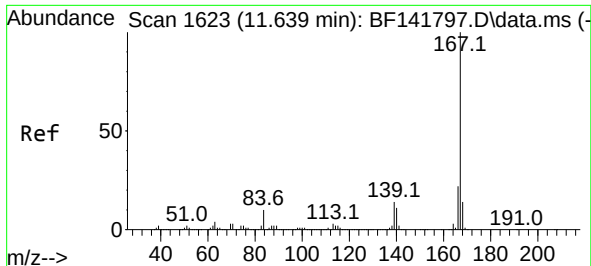
Tgt Ion:178 Resp: 1812700
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 43.146 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:178 Resp: 1854922
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.8 12.8 19.2

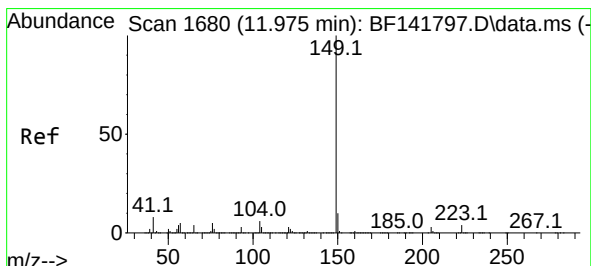
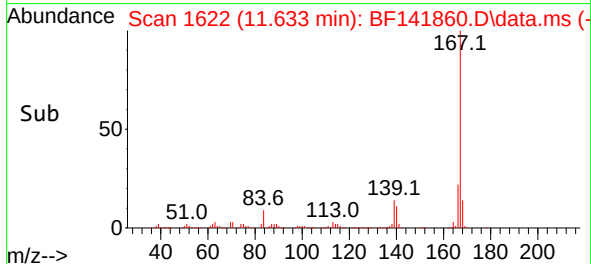
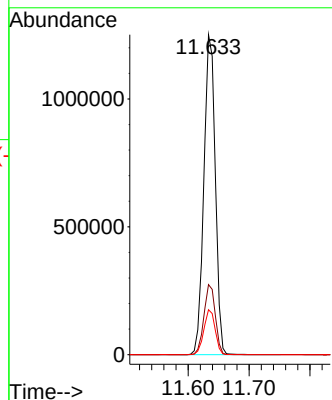
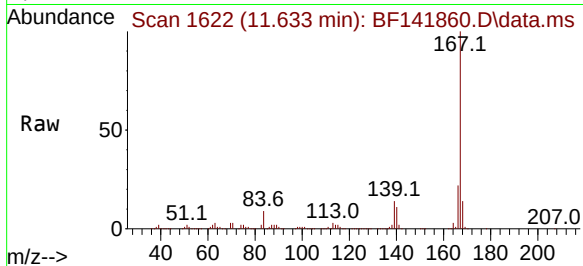




#73
 Carbazole
 Concen: 43.058 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

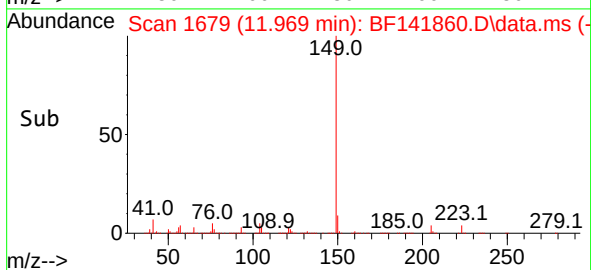
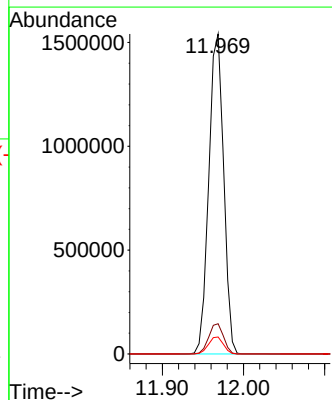
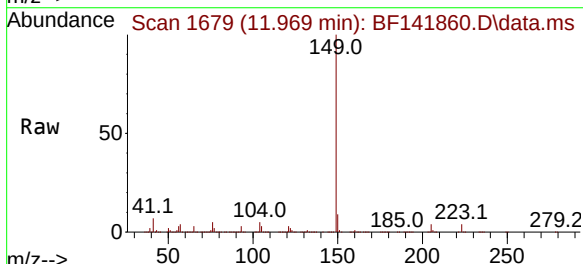
Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

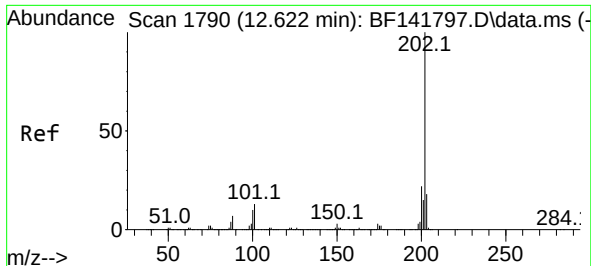
Tgt Ion:167 Resp: 1634694
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.0 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.557 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

Tgt Ion:149 Resp: 1951706
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.3 4.4 6.6

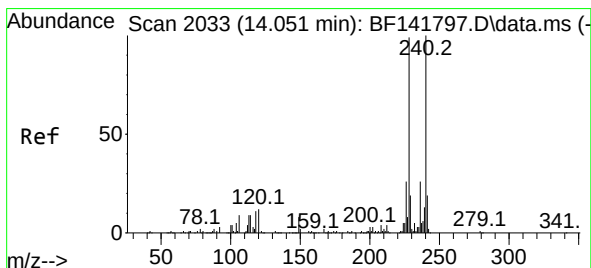
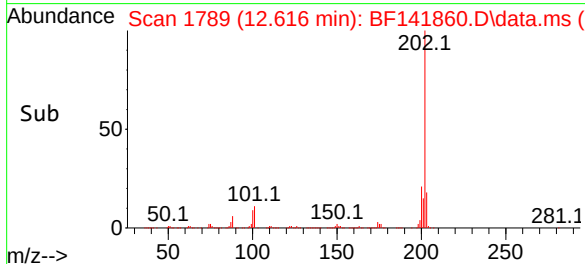
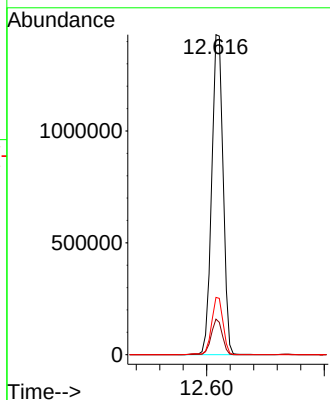
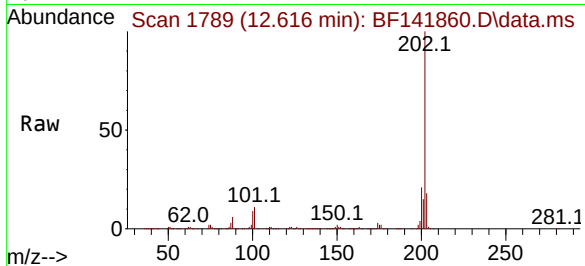




#75
Fluoranthene
Concen: 43.749 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

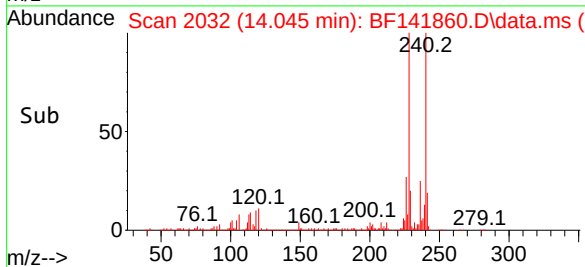
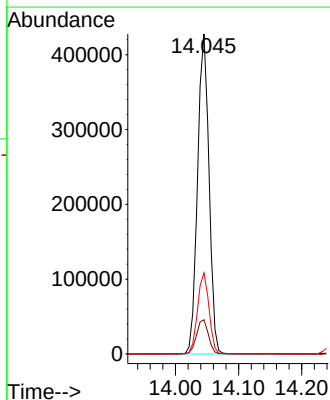
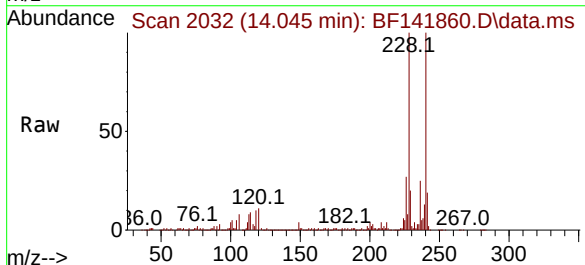
Instrument :
BNA_F
ClientSampleId :
PB166984BS

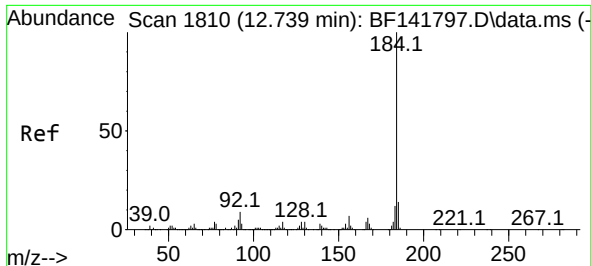
Tgt Ion:202 Resp: 1922924
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.8
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:240 Resp: 537472
Ion Ratio Lower Upper
240 100
120 10.7 9.7 14.5
236 25.3 21.0 31.4

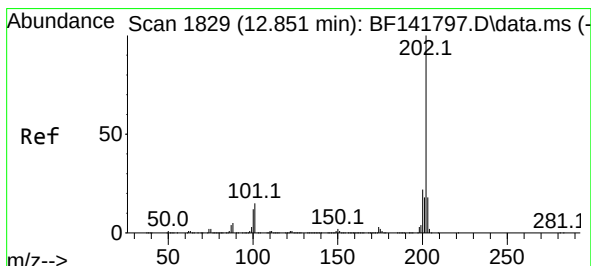
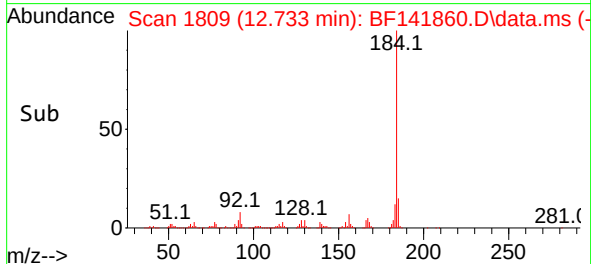
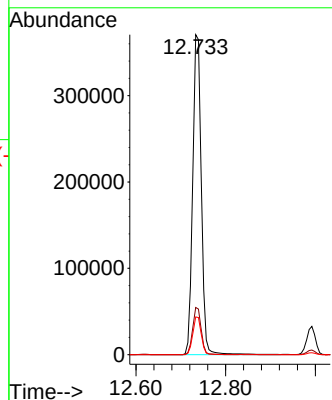
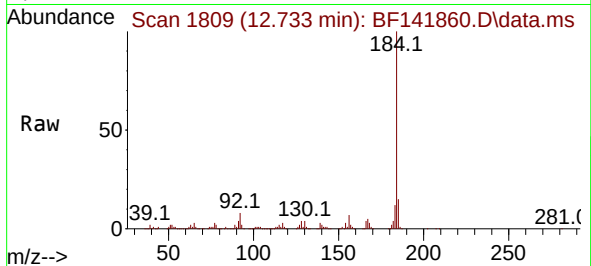




#77
Benzidine
Concen: 72.902 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

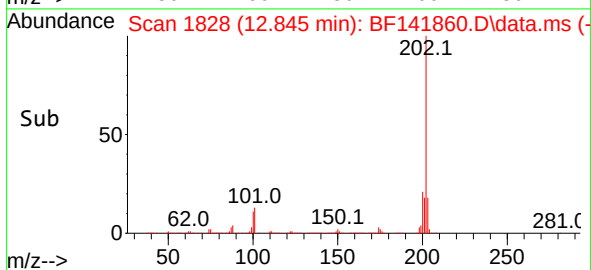
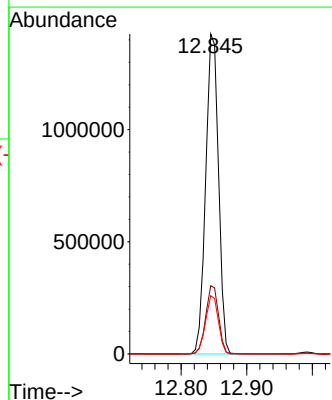
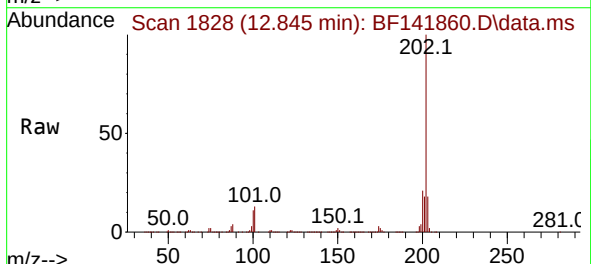
Instrument :
BNA_F
ClientSampleId :
PB166984BS

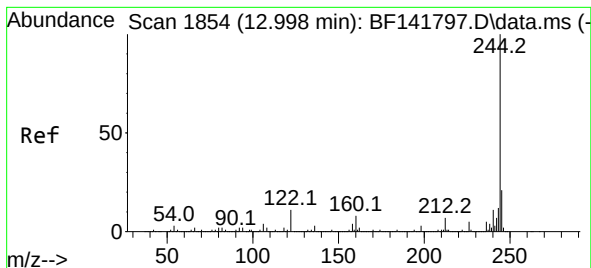
Tgt Ion:184 Resp: 493167
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.8 9.4 14.0



#78
Pyrene
Concen: 41.714 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:202 Resp: 1941461
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.0
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 94.941 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

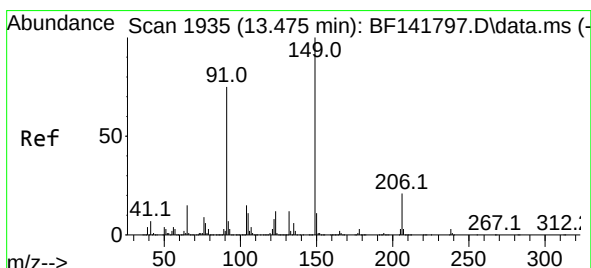
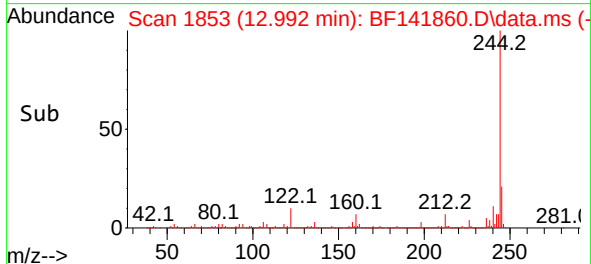
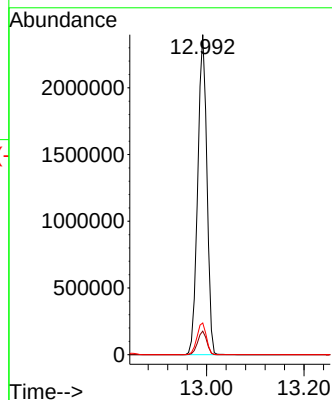
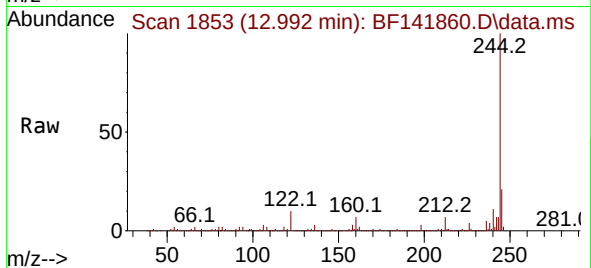
Tgt Ion:244 Resp: 3153921

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 43.184 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

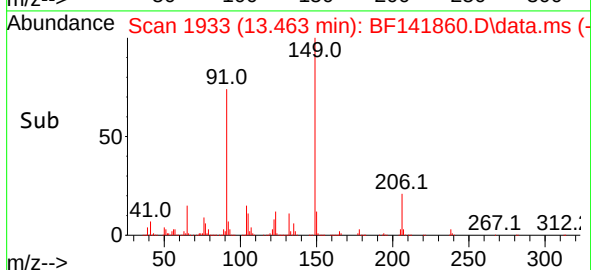
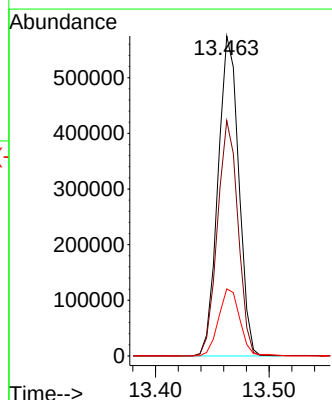
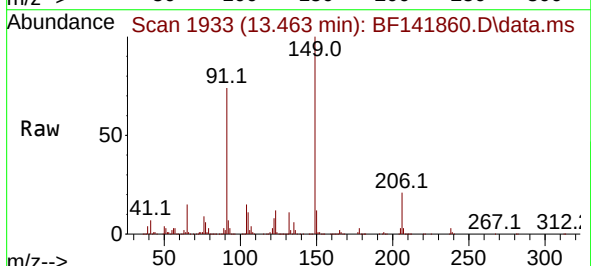
Tgt Ion:149 Resp: 730230

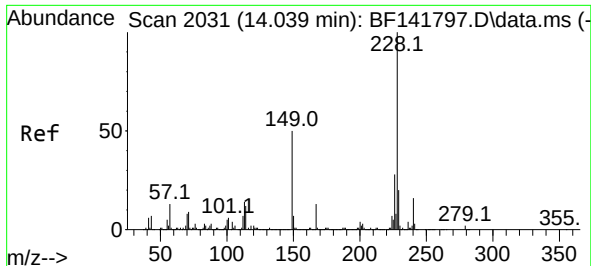
Ion Ratio Lower Upper

149 100

91 73.6 60.1 90.1

206 20.9 16.8 25.2

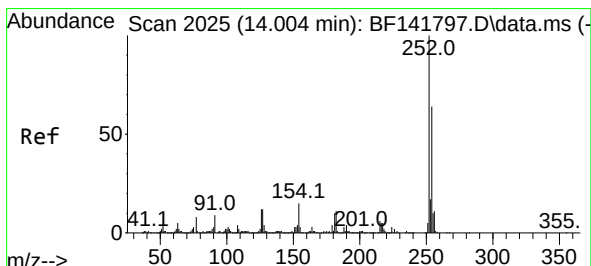
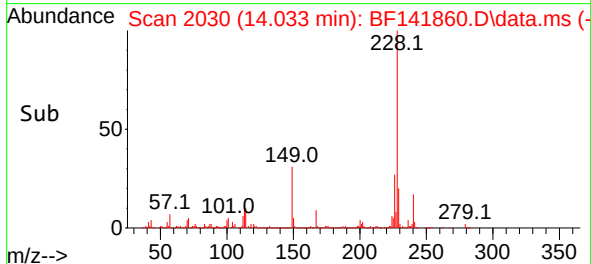
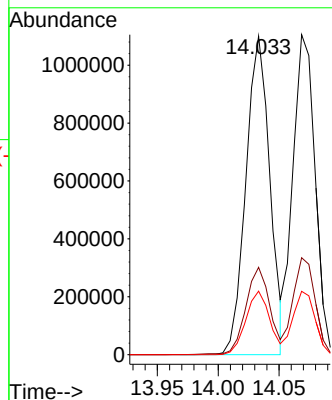
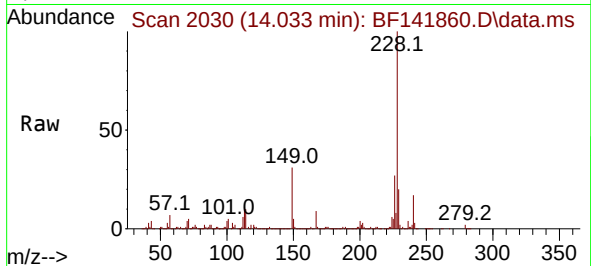




#81
Benzo(a)anthracene
Concen: 42.445 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

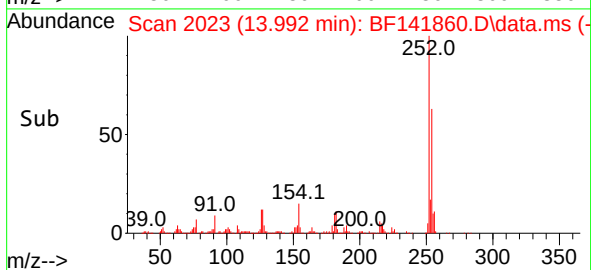
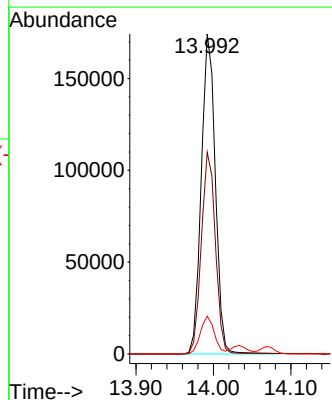
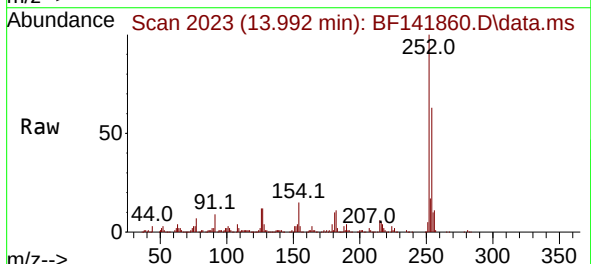
Instrument :
BNA_F
ClientSampleId :
PB166984BS

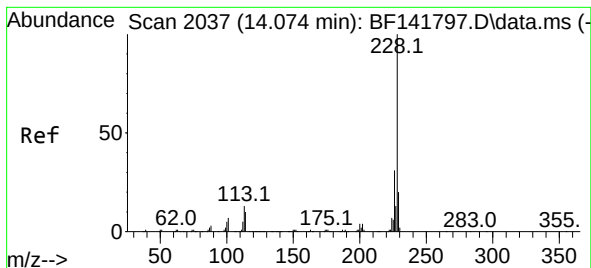
Tgt Ion:228 Resp: 1506856
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 21.565 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:252 Resp: 219648
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.0
126 11.8 9.8 14.6





#83

Chrysene

Concen: 42.886 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

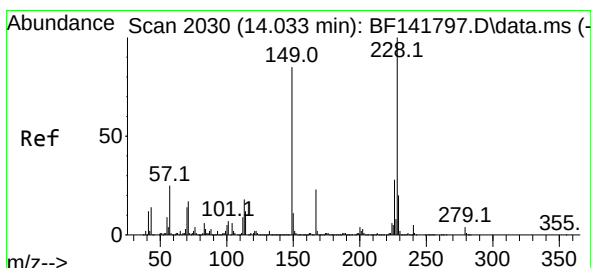
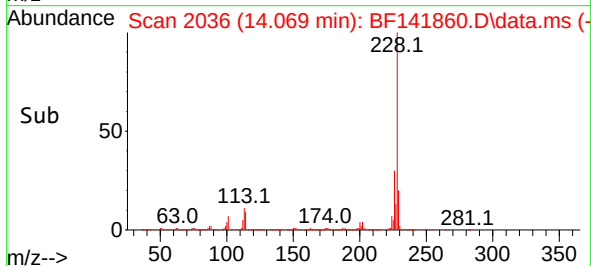
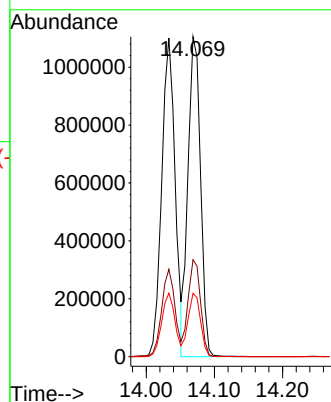
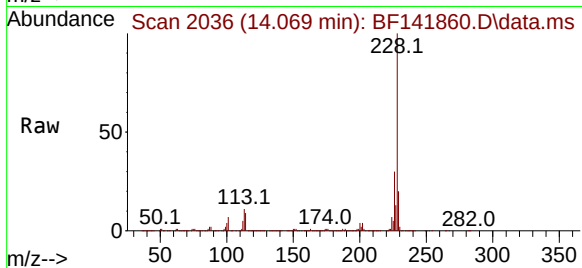
Tgt Ion:228 Resp: 1403466

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.285 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

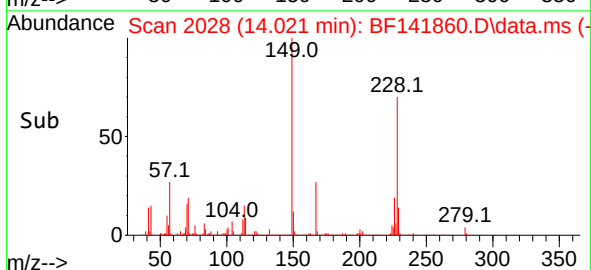
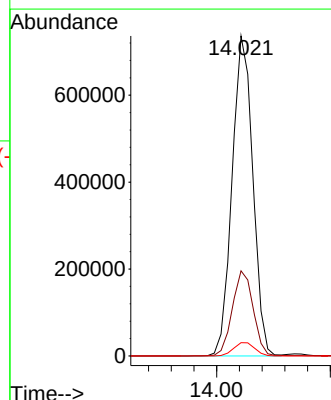
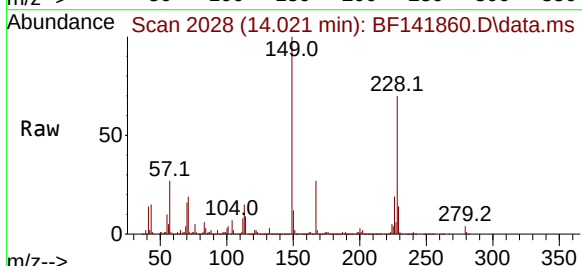
Tgt Ion:149 Resp: 932426

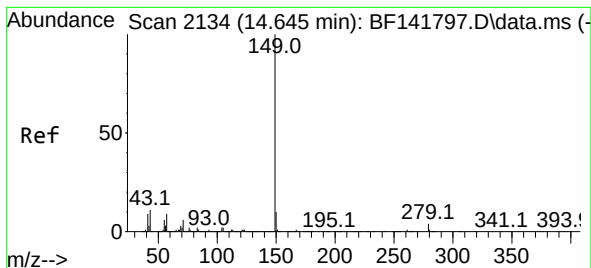
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.1 3.3 4.9

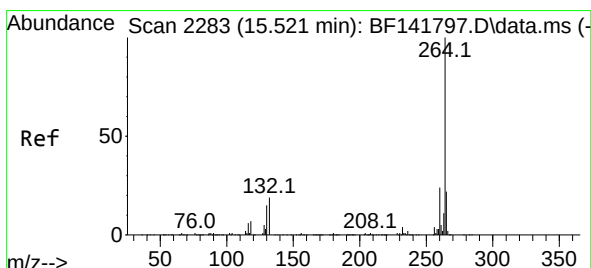
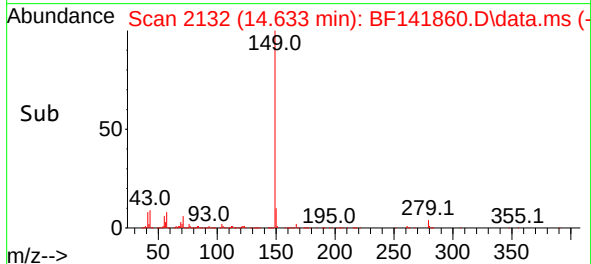
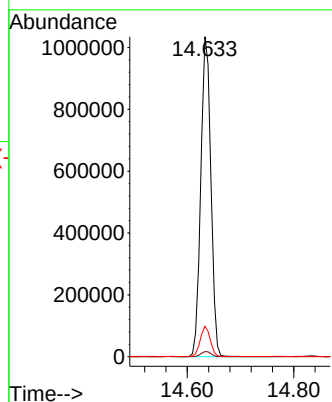
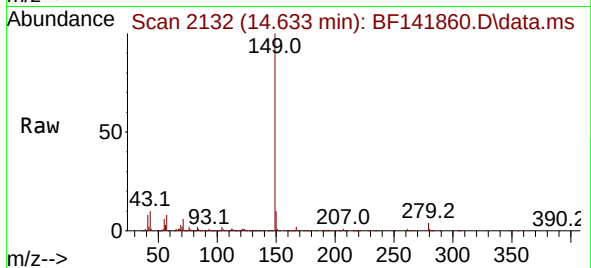




#85
Di-n-octyl phthalate
Concen: 43.146 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

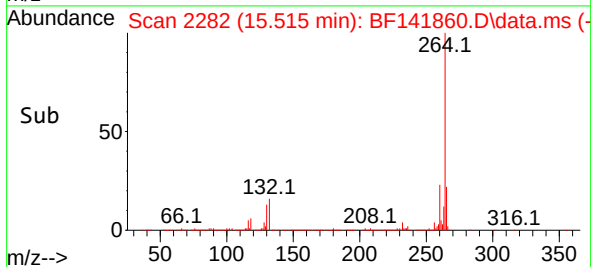
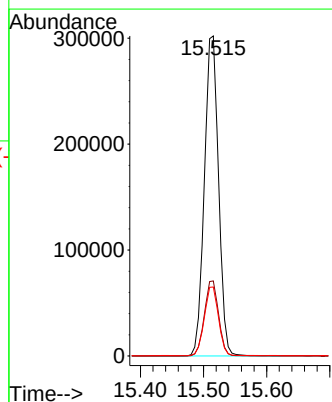
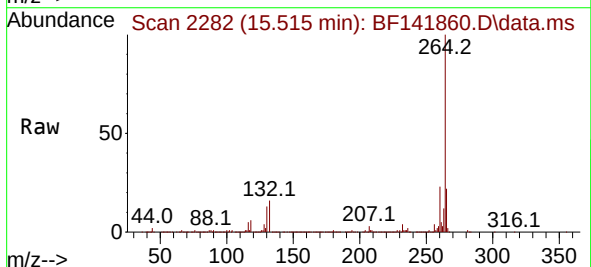
Instrument :
BNA_F
ClientSampleId :
PB166984BS

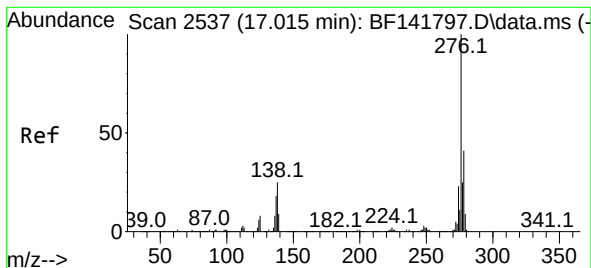
Tgt Ion:149 Resp: 1360035
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Tgt Ion:264 Resp: 470320
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.292 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

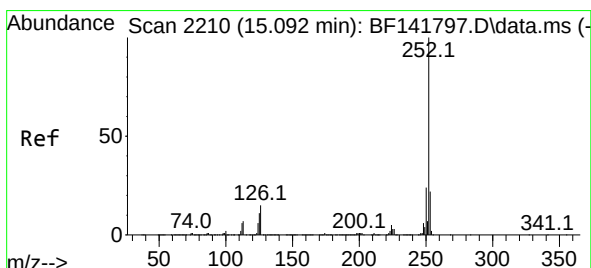
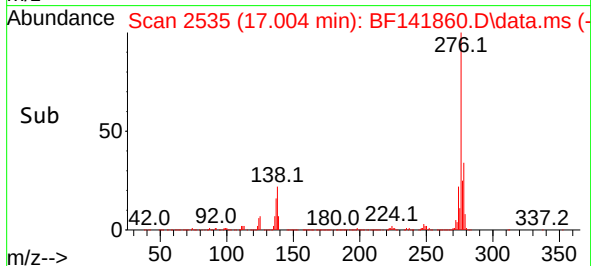
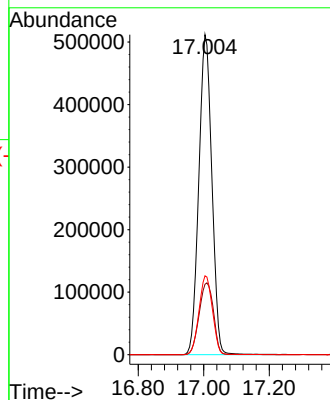
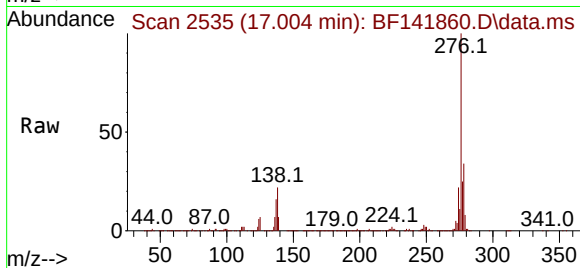
Tgt Ion:276 Resp: 1416313

Ion Ratio Lower Upper

276 100

138 24.8 22.5 33.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.491 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

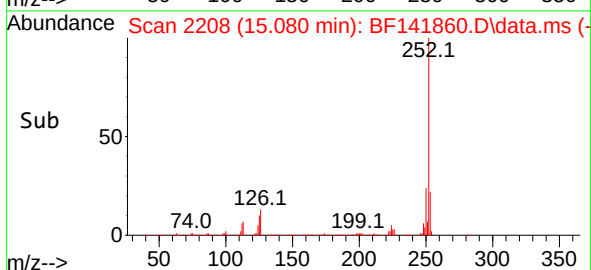
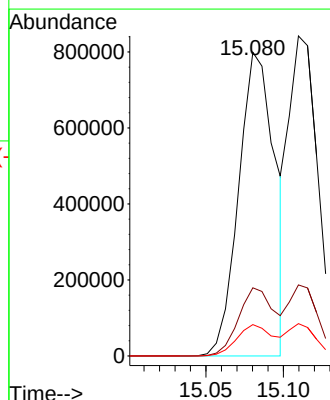
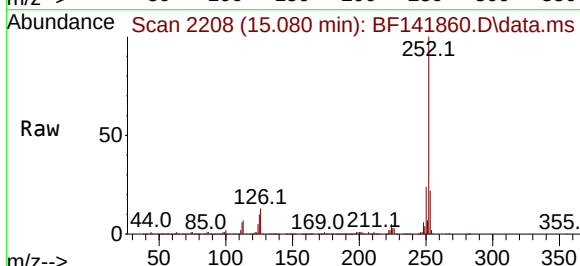
Tgt Ion:252 Resp: 1297204

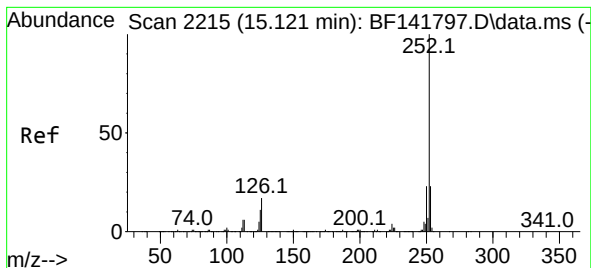
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 40.365 ng

RT: 15.110 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

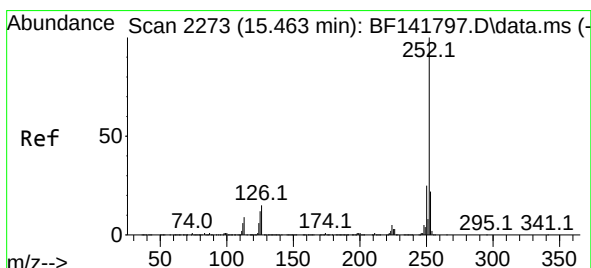
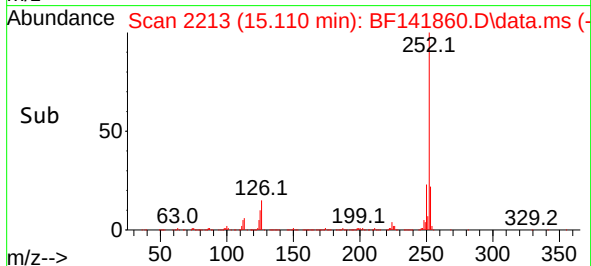
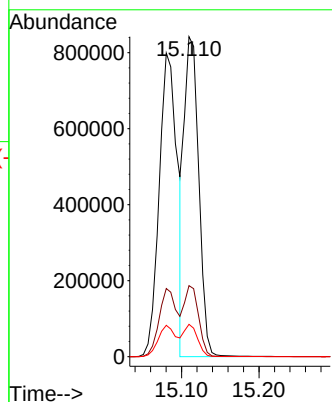
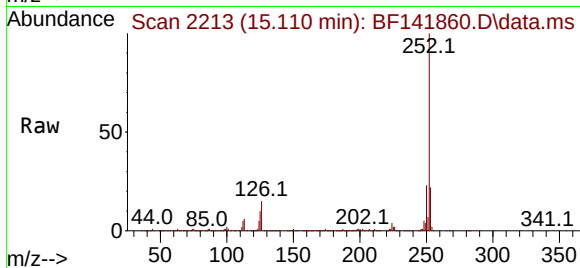
Tgt Ion:252 Resp: 1099133

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.1 8.8 13.2



#90

Benzo(a)pyrene

Concen: 44.247 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

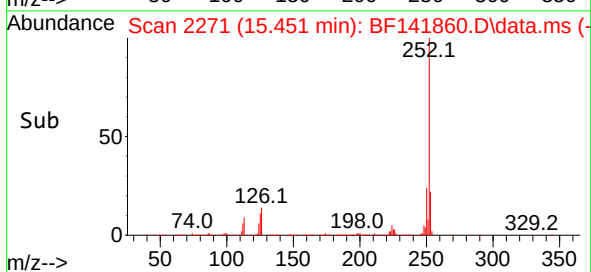
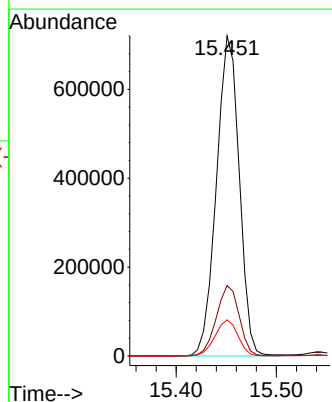
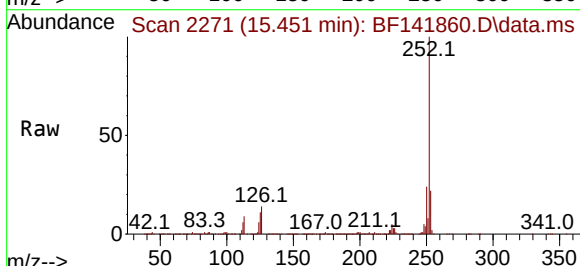
Tgt Ion:252 Resp: 1136844

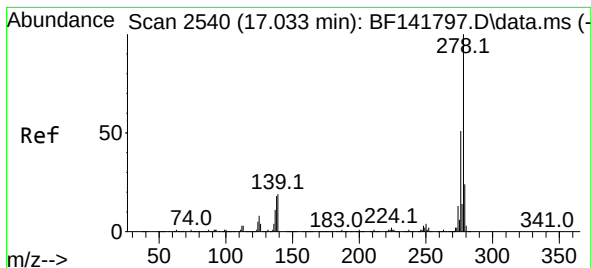
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.521 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166984BS

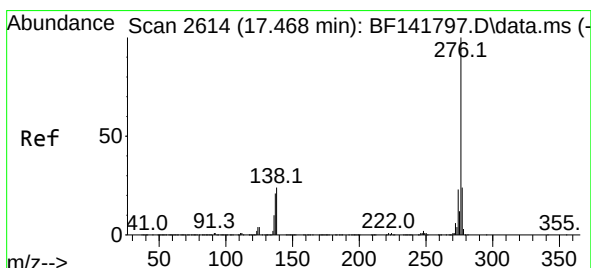
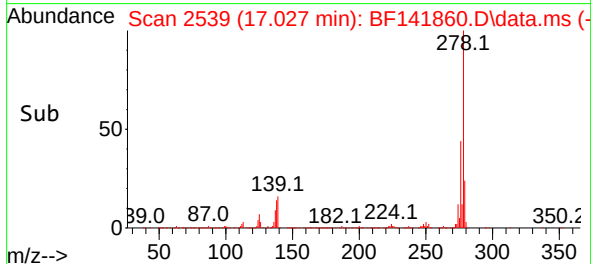
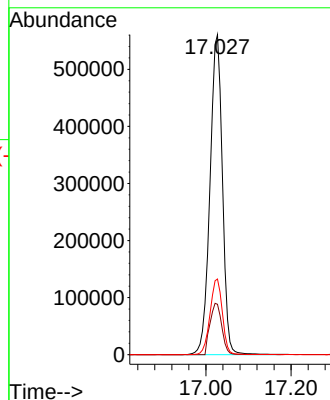
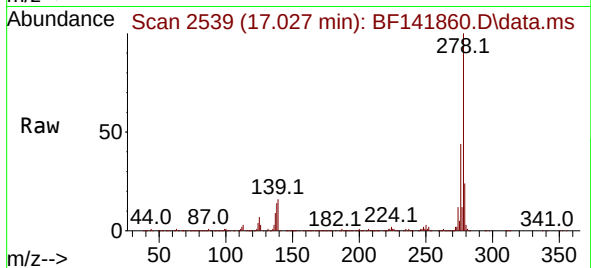
Tgt Ion:278 Resp: 1137230

Ion Ratio Lower Upper

278 100

139 15.8 14.9 22.3

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.126 ng

RT: 17.457 min Scan# 2612

Delta R.T. -0.012 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Tgt Ion:276 Resp: 1105086

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 21.6 19.3 28.9

