

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

Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

Quant Time: Mar 06 11:19:06 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	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	860348	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	467040	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	801941	20.00	ng	0.00
76) Chrysene-d12	14.045	240	537472	20.00	ng	0.00
86) Perylene-d12	15.515	264	470320	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1701069	122.00	ng	0.02
7) Phenol-d6	6.510	99	2108392	116.17	ng	0.00
23) Nitrobenzene-d5	7.445	82	1408232	104.63	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	725902	165.56	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2659506	91.31	ng	0.00
79) Terphenyl-d14	12.992	244	3153921	94.94	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.763	88	226101	35.74	ng 97
3) Pyridine	3.522	79	549854	34.93	ng 96
4) n-Nitrosodimethylamine	3.469	42	285971	37.76	ng 99
6) Aniline	6.551	93	522189	27.68	ng 99
8) 2-Chlorophenol	6.669	128	628313	41.66	ng 96
9) Benzaldehyde	6.434	77	225786	21.39	ng 99
10) Phenol	6.522	94	741067	38.21	ng 97
11) bis(2-Chloroethyl)ether	6.622	93	565937	38.28	ng 96
12) 1,3-Dichlorobenzene	6.828	146	656353	40.63	ng 99
13) 1,4-Dichlorobenzene	6.904	146	663658	40.78	ng 99
14) 1,2-Dichlorobenzene	7.057	146	641692	42.22	ng 99
15) Benzyl Alcohol	7.022	79	556826	38.39	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	756011	33.67	ng 96
17) 2-Methylphenol	7.134	107	501492	40.28	ng 98
18) Hexachloroethane	7.398	117	250476	41.12	ng 96
19) n-Nitroso-di-n-propyla...	7.298	70	427099	35.80	ng 98
20) 3+4-Methylphenols	7.281	107	621360	40.08	ng 94
22) Acetophenone	7.292	105	924853	44.14	ng 99
24) Nitrobenzene	7.463	77	656445	45.54	ng 100
25) Isophorone	7.704	82	1189358	41.13	ng 99
26) 2-Nitrophenol	7.781	139	317830	49.23	ng 98
27) 2,4-Dimethylphenol	7.810	122	545219	51.29	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	709782	38.48	ng 99
29) 2,4-Dichlorophenol	8.016	162	509337	41.54	ng 100
30) 1,2,4-Trichlorobenzene	8.104	180	565708	42.10	ng 99
31) Naphthalene	8.187	128	1798156	40.67	ng 99
32) Benzoic acid	7.928	122	436083	48.97	ng 98
33) 4-Chloroaniline	8.228	127	196072	12.09	ng 98
34) Hexachlorobutadiene	8.304	225	363439	43.53	ng 99
35) Caprolactam	8.639	113	72216	19.14	ng 89
36) 4-Chloro-3-methylphenol	8.710	107	555267	40.76	ng 97
37) 2-Methylnaphthalene	8.881	142	1136178	39.17	ng 100
38) 1-Methylnaphthalene	8.981	142	1106172	39.75	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	621149	46.05	ng 99
41) Hexachlorocyclopentadiene	9.034	237	830196	147.48	ng 100
43) 2,4,6-Trichlorophenol	9.151	196	381567	43.79	ng 99

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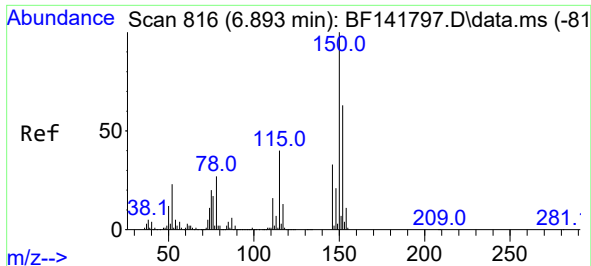
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	393469	45.60	ng	98
46) 1,1'-Biphenyl	9.345	154	1611215	45.32	ng	98
47) 2-Chloronaphthalene	9.369	162	1098889	41.88	ng	99
48) 2-Nitroaniline	9.457	65	341789	47.63	ng	97
49) Acenaphthylene	9.786	152	1713470	43.56	ng	99
50) Dimethylphthalate	9.645	163	1313815	42.01	ng	99
51) 2,6-Dinitrotoluene	9.704	165	288768	48.25	ng	92
52) Acenaphthene	9.957	154	1266215	47.70	ng	99
53) 3-Nitroaniline	9.869	138	153204	25.52	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	346122	111.08	ng	# 1
55) Dibenzofuran	10.128	168	1544243	39.97	ng	99
56) 4-Nitrophenol	10.028	139	525883	113.84	ng	95
57) 2,4-Dinitrotoluene	10.104	165	401637	54.45	ng	95
58) Fluorene	10.469	166	1226351	42.38	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	338195	45.07	ng	98
60) Diethylphthalate	10.345	149	1281425	40.87	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	612702	42.26	ng	99
62) 4-Nitroaniline	10.486	138	293220	54.90	ng	97
63) Azobenzene	10.622	77	1253041	37.96	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	220801	56.70	ng	93
66) n-Nitrosodiphenylamine	10.581	169	1071992	40.71	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	391710	41.82	ng	98
68) Hexachlorobenzene	11.016	284	432837	43.76	ng	99
69) Atrazine	11.104	200	433249	59.83	ng	100
70) Pentachlorophenol	11.210	266	574113	91.52	ng	100
71) Phenanthrene	11.433	178	1812700	42.26	ng	100
72) Anthracene	11.486	178	1854922	43.15	ng	99
73) Carbazole	11.633	167	1634694	43.06	ng	100
74) Di-n-butylphthalate	11.969	149	1951706	40.56	ng	100
75) Fluoranthene	12.616	202	1922924	43.75	ng	98
77) Benzidine	12.733	184	493167	72.90	ng	100
78) Pyrene	12.845	202	1941461	41.71	ng	100
80) Butylbenzylphthalate	13.463	149	730230	43.18	ng	99
81) Benzo(a)anthracene	14.033	228	1506856	42.45	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	219648	21.56	ng	99
83) Chrysene	14.069	228	1403466	42.89	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	932426	44.29	ng	100
85) Di-n-octyl phthalate	14.633	149	1360035	43.15	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1416313	47.29	ng	97
88) Benzo(b)fluoranthene	15.080	252	1297204	40.49	ng	99
89) Benzo(k)fluoranthene	15.110	252	1099133	40.36	ng	99
90) Benzo(a)pyrene	15.451	252	1136844	44.25	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1137230	46.52	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1105086	44.13	ng	97

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

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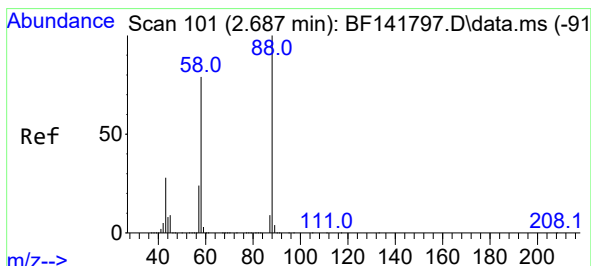
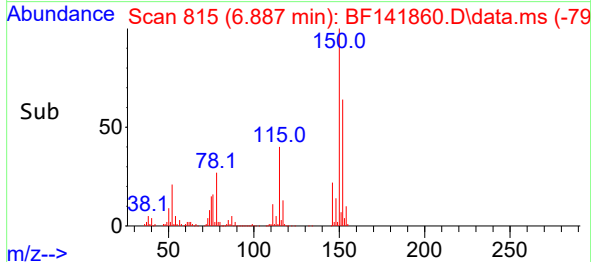
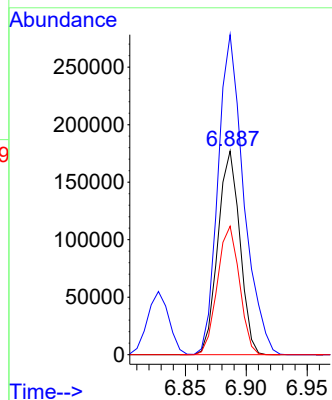
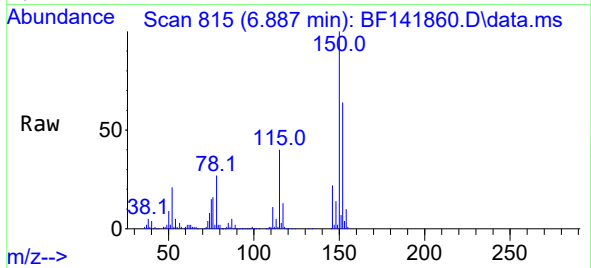




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

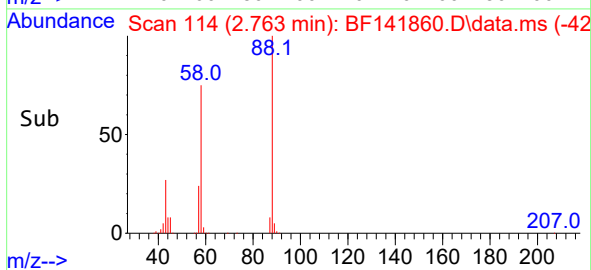
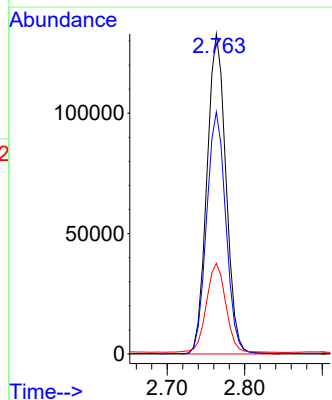
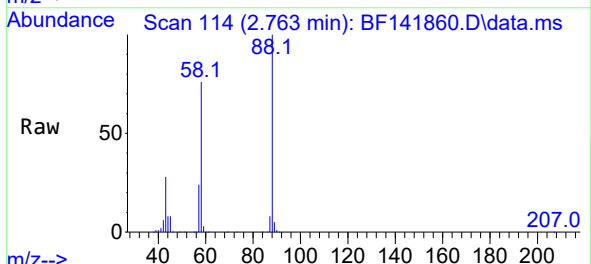
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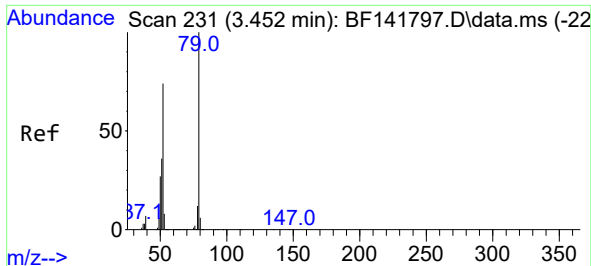
Tgt Ion:152 Resp: 222677
Ion Ratio Lower Upper
152 100
150 157.1 127.5 191.3
115 63.1 51.4 77.2



#2
1,4-Dioxane
Concen: 35.74 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.076 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

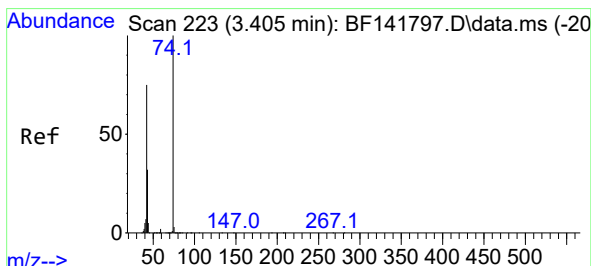
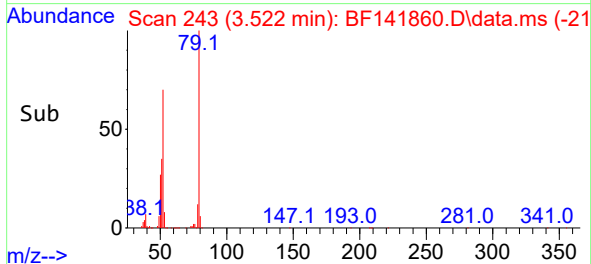
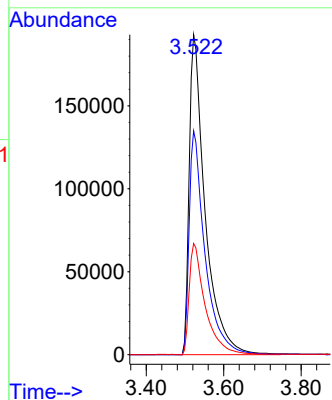
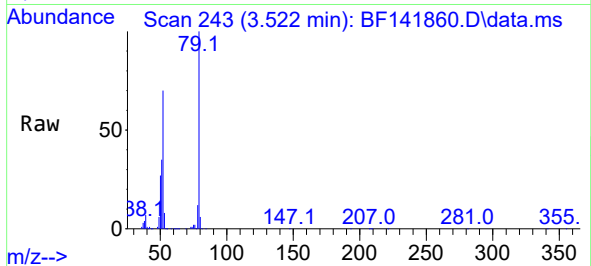




#3
Pyridine
Concen: 34.93 ng
RT: 3.522 min Scan# 24
Delta R.T. 0.070 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

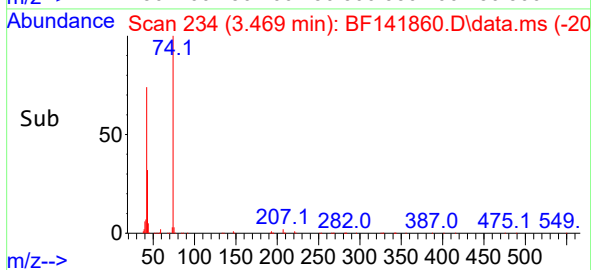
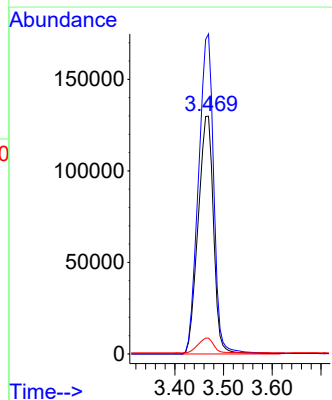
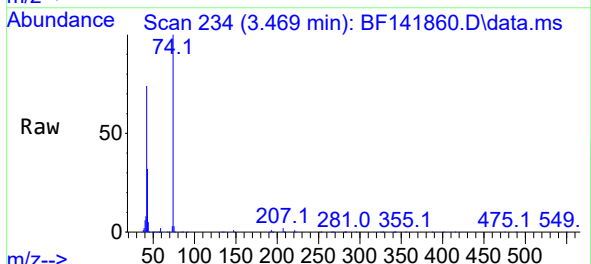
Instrument :
BNA_F
ClientSampleId :
PB166984BS

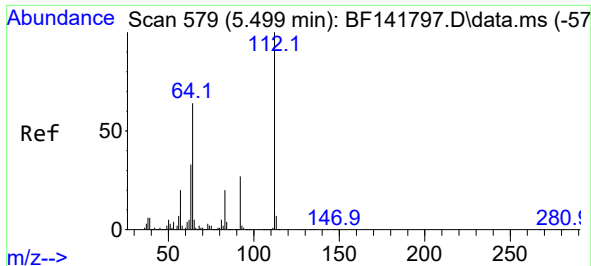
Tgt Ion: 79 Resp: 549854
Ion Ratio Lower Upper
79 100
52 69.9 59.0 88.4
51 34.8 29.0 43.4



#4
n-Nitrosodimethylamine
Concen: 37.76 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.065 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

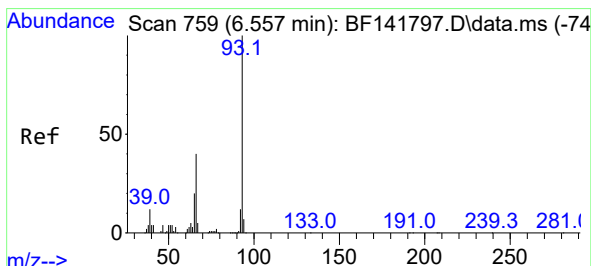
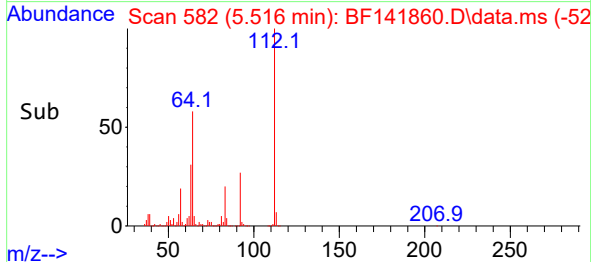
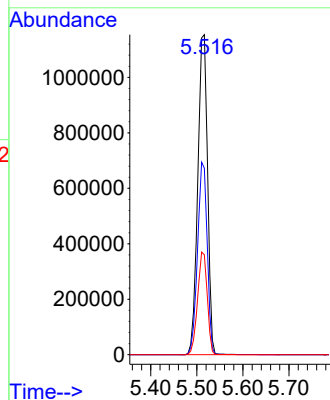
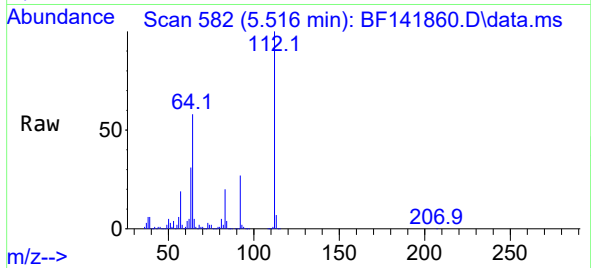




#5
2-Fluorophenol
Concen: 122.00 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

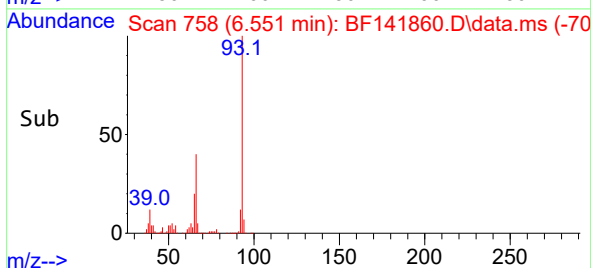
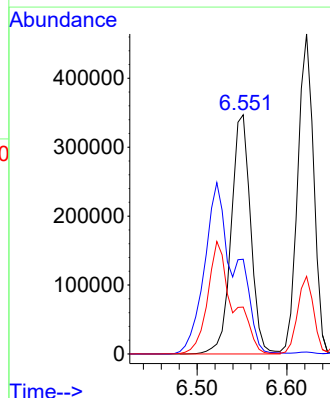
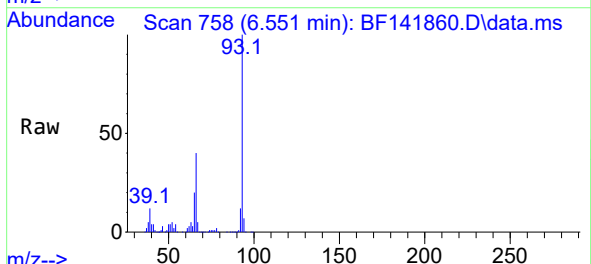
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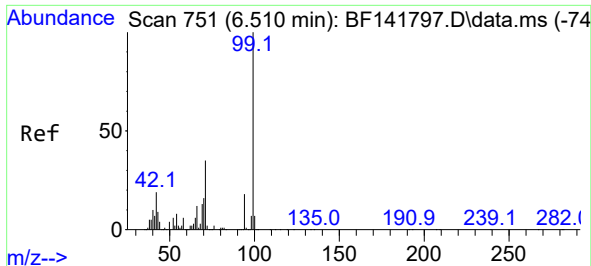
Tgt Ion:112 Resp: 1701069
Ion Ratio Lower Upper
112 100
64 58.3 51.3 76.9
63 31.2 26.2 39.4



#6
Aniline
Concen: 27.68 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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



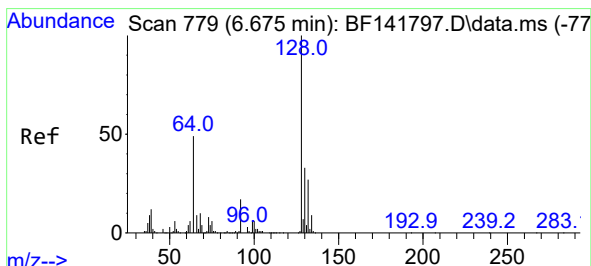
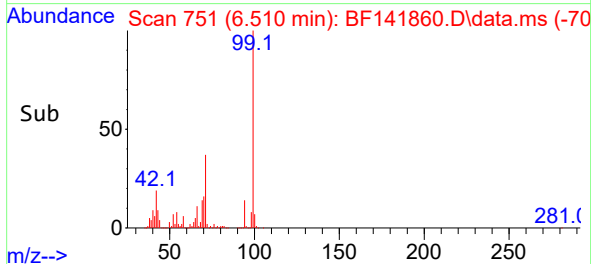
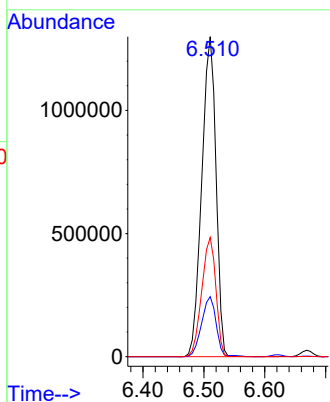
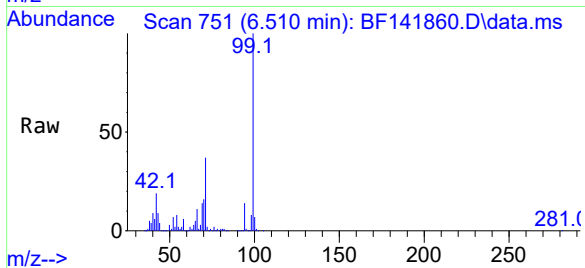


#7
Phenol-d6
Concen: 116.17 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
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ClientSampleId :
PB166984BS

Tgt Ion: 99 Resp: 2108392

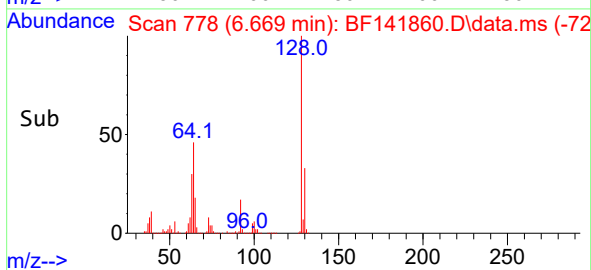
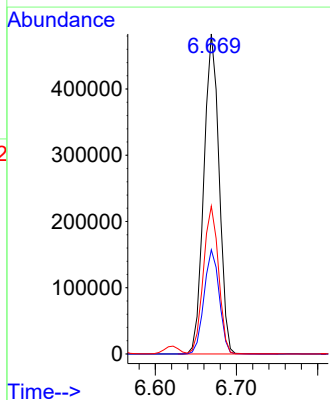
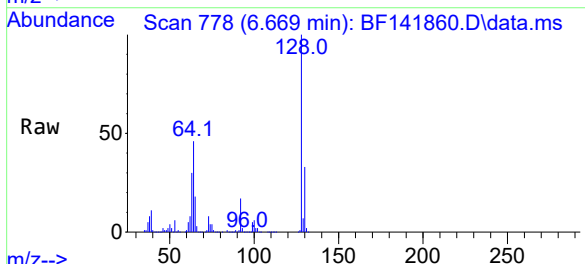
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.2	22.8
71	37.3	28.2	42.2

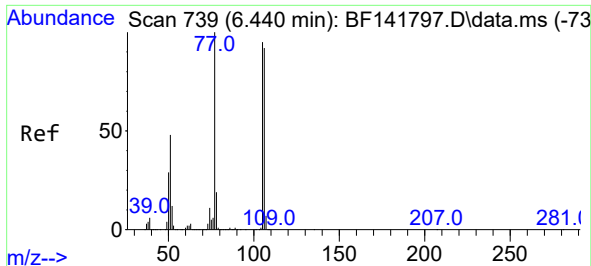


#8
2-Chlorophenol
Concen: 41.66 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

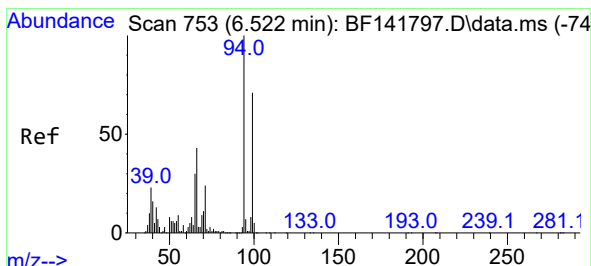
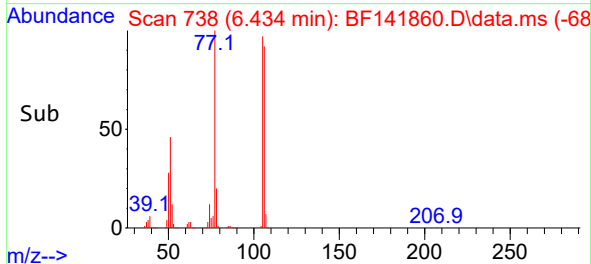
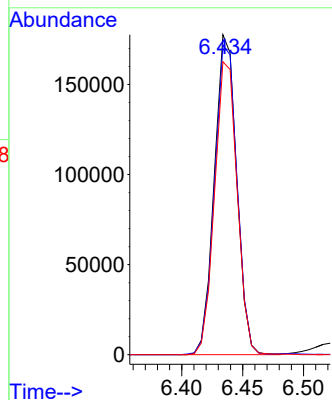
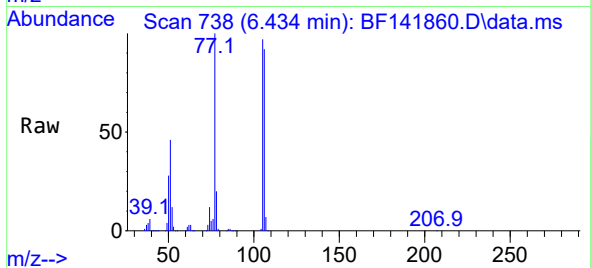




#9
Benzaldehyde
Concen: 21.39 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

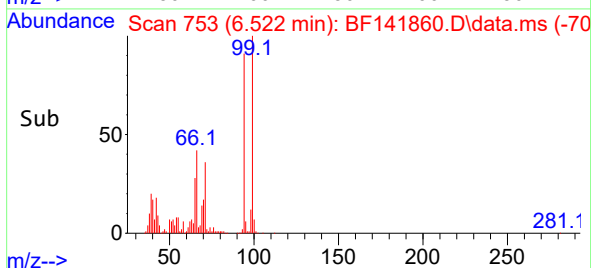
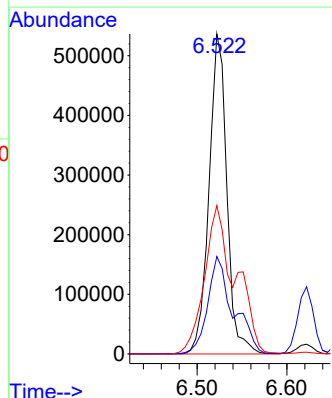
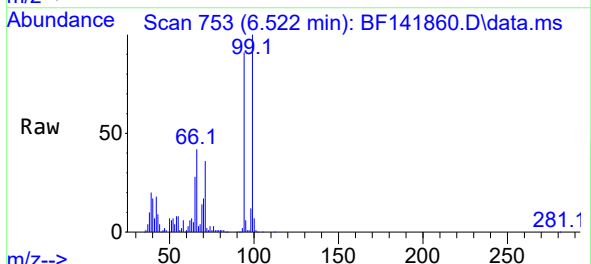
Instrument :
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ClientSampleId :
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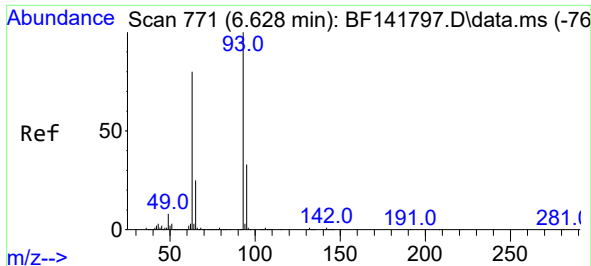
Tgt Ion: 77 Resp: 225786
Ion Ratio Lower Upper
77 100
105 96.8 75.3 115.3
106 91.5 72.3 112.3



#10
Phenol
Concen: 38.21 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

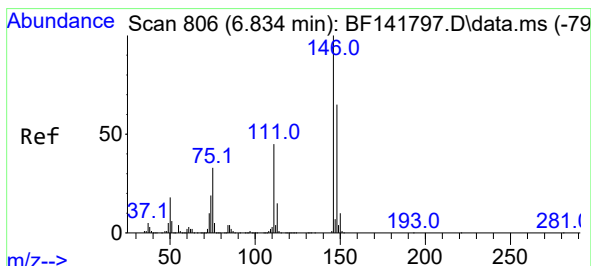
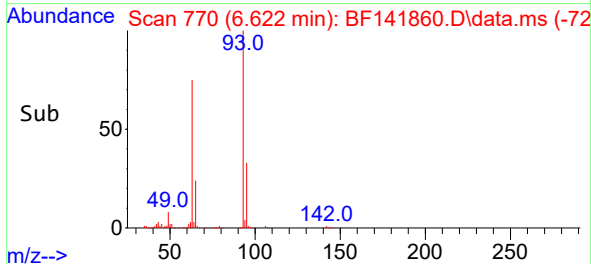
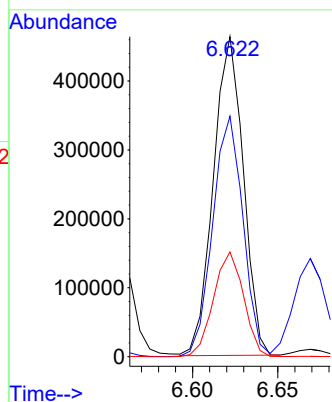
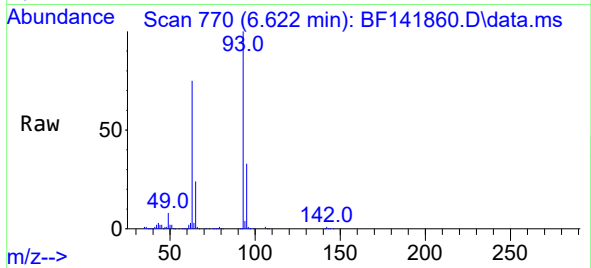




#11
bis(2-Chloroethyl)ether
Concen: 38.28 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

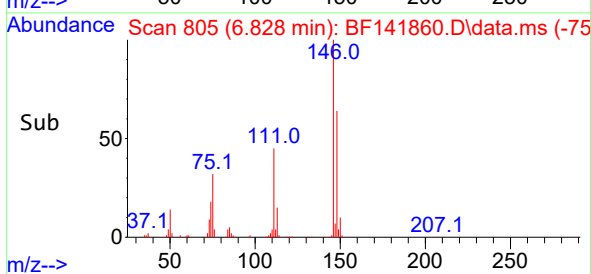
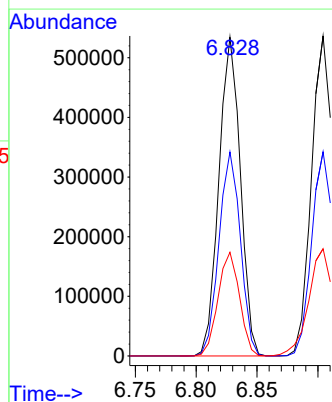
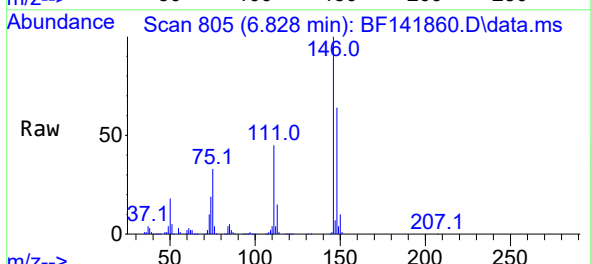
Instrument :
BNA_F
ClientSampleId :
PB166984BS

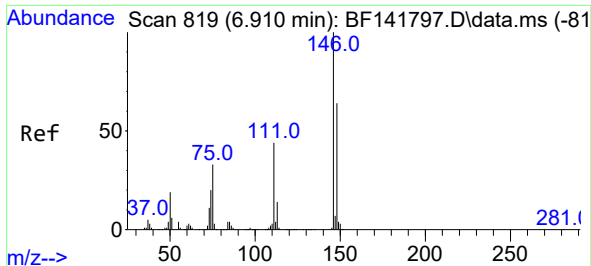
Tgt Ion: 93 Resp: 565937
Ion Ratio Lower Upper
93 100
63 75.1 59.3 99.3
95 32.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.63 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

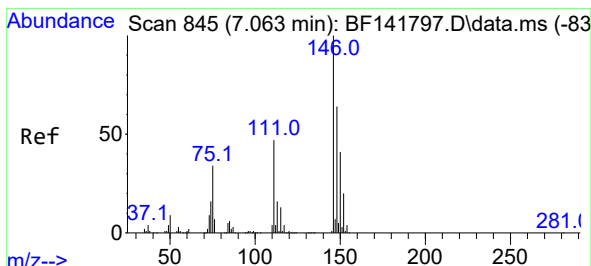
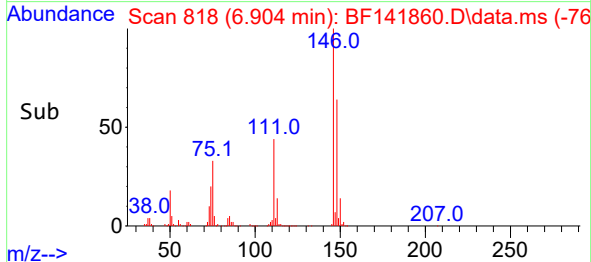
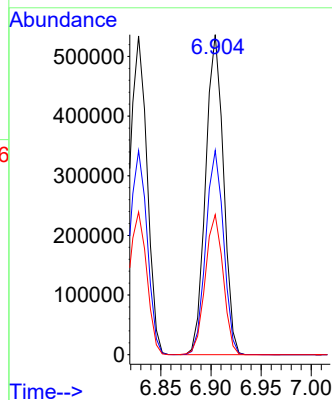
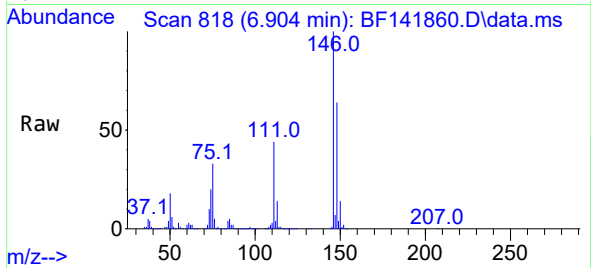




#13
1,4-Dichlorobenzene
Concen: 40.78 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

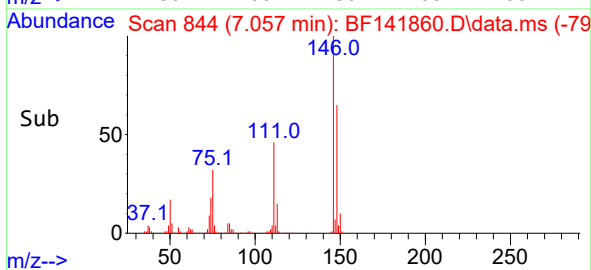
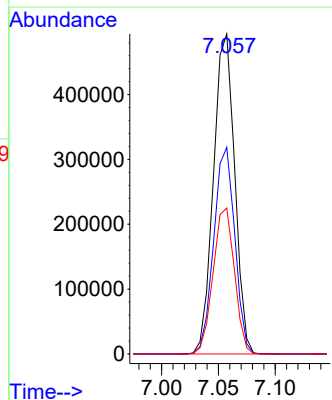
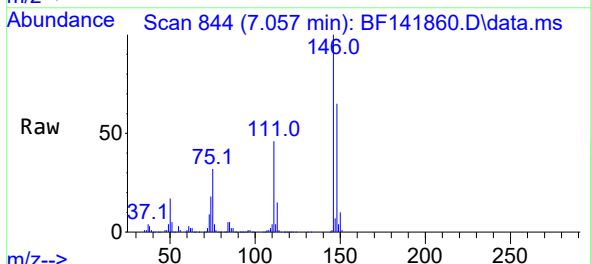
Instrument :
BNA_F
ClientSampleId :
PB166984BS

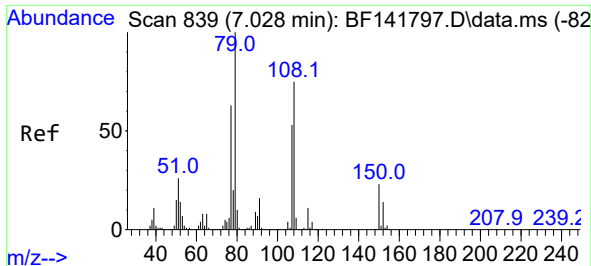
Tgt Ion:146 Resp: 663658
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.8 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 42.22 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

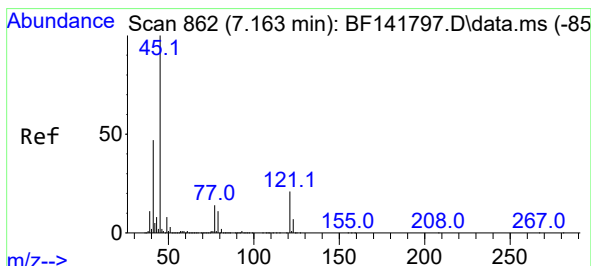
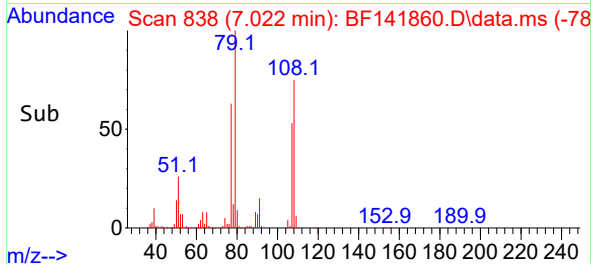
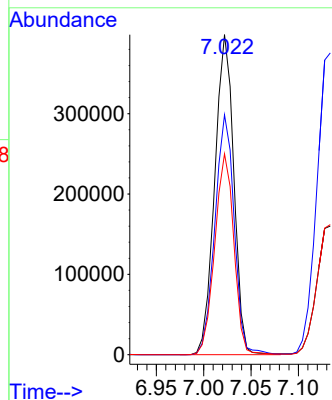
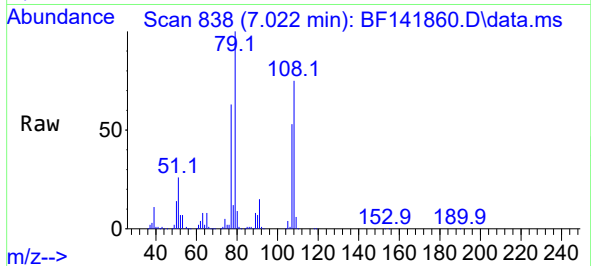




#15
Benzyl Alcohol
Concen: 38.39 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

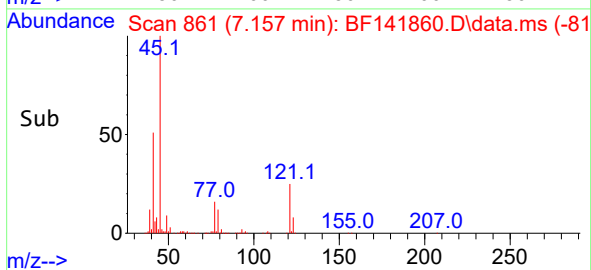
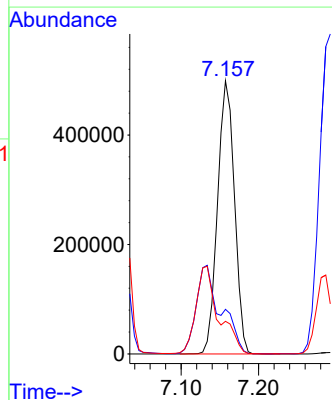
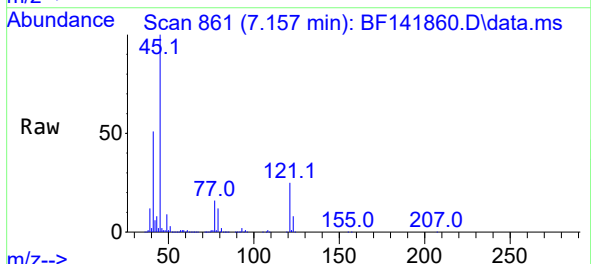
Instrument :
BNA_F
ClientSampleId :
PB166984BS

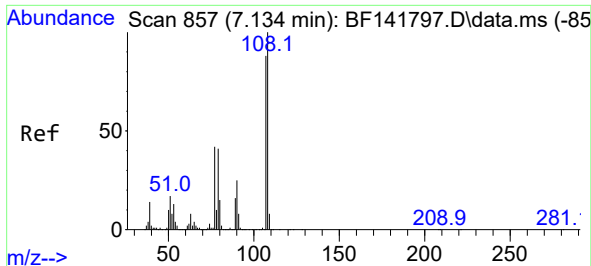
Tgt Ion: 79 Resp: 556826
Ion Ratio Lower Upper
79 100
108 75.0 60.2 90.2
77 62.7 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.67 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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



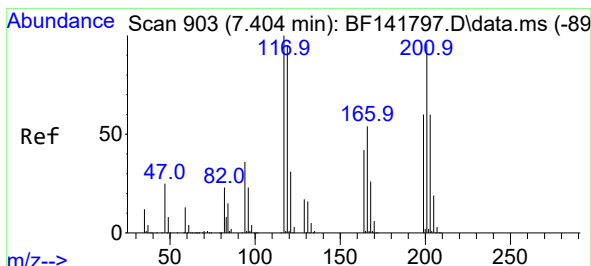
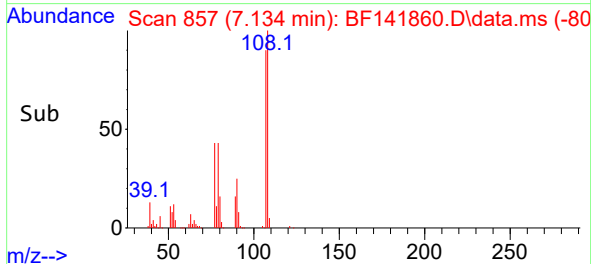
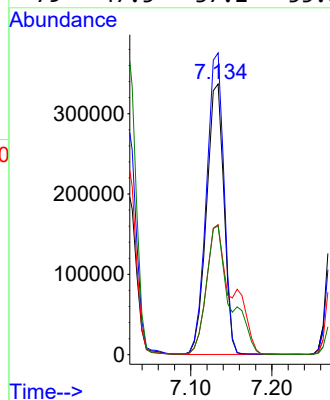
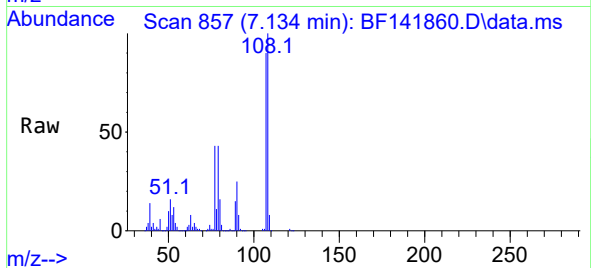


#17
2-Methylphenol
Concen: 40.28 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

Tgt Ion:107 Resp: 501492

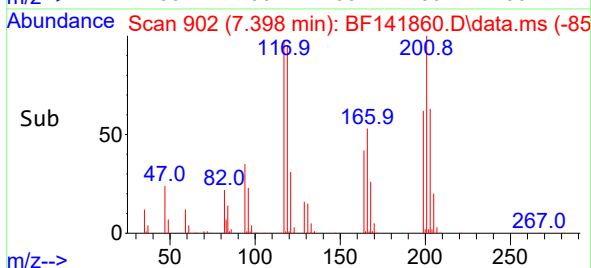
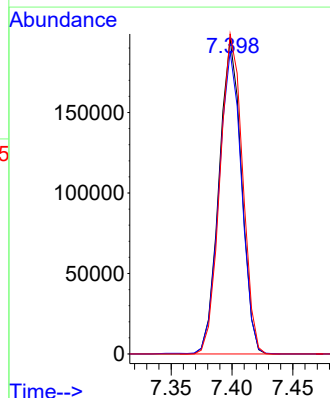
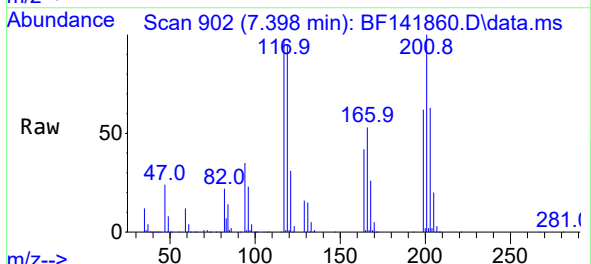
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.6	135.8
77	48.1	37.7	56.5
79	47.5	37.2	55.8

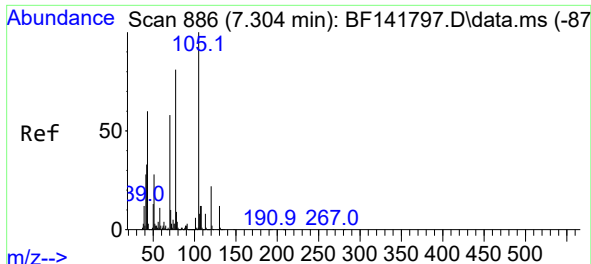


#18
Hexachloroethane
Concen: 41.12 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

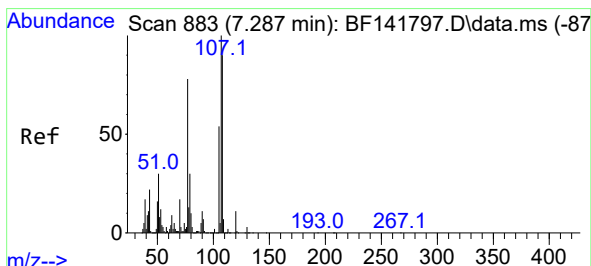
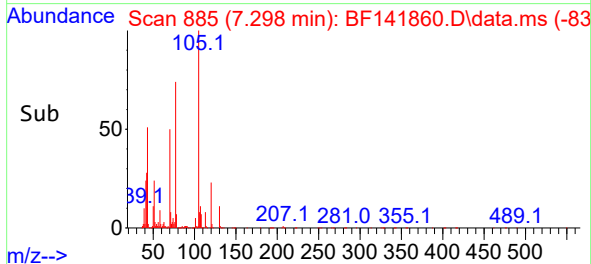
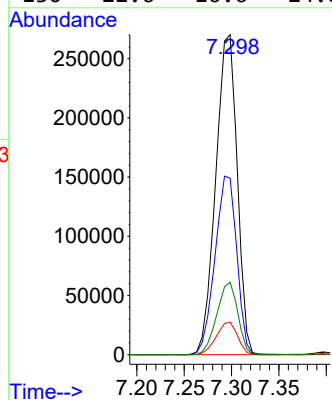
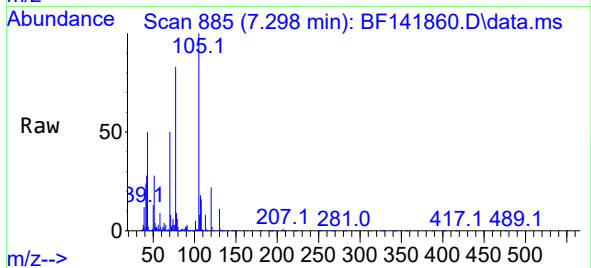




#19
n-Nitroso-di-n-propylamine
Concen: 35.80 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

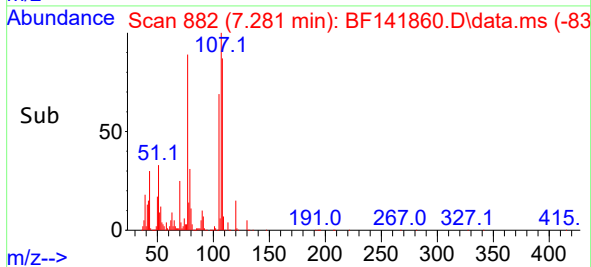
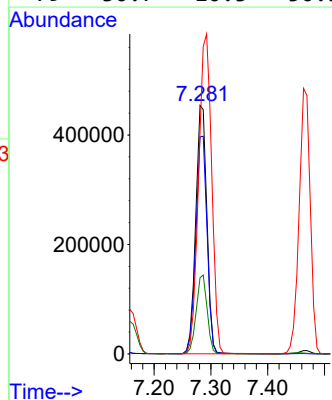
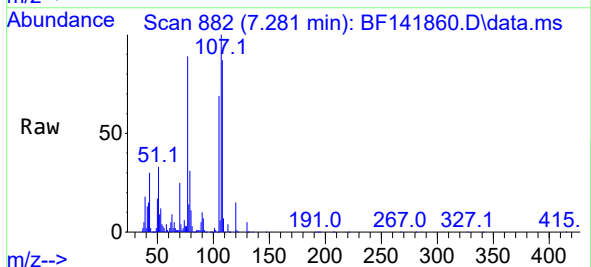
Instrument :
BNA_F
ClientSampleId :
PB166984BS

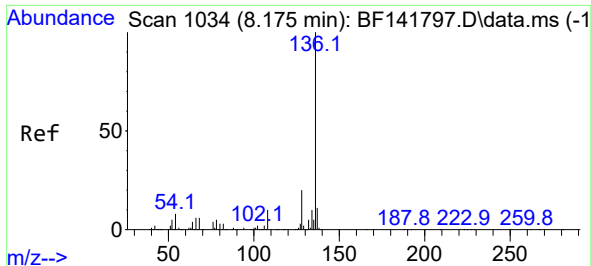
Tgt Ion: 70 Resp: 427099
Ion Ratio Lower Upper
70 100
42 55.2 45.4 68.0
101 10.1 7.8 11.8
130 22.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 40.08 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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



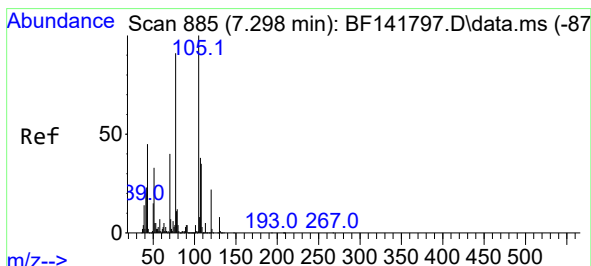
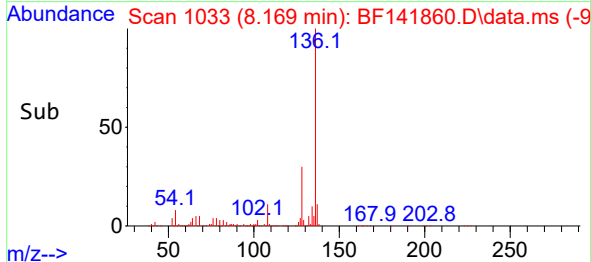
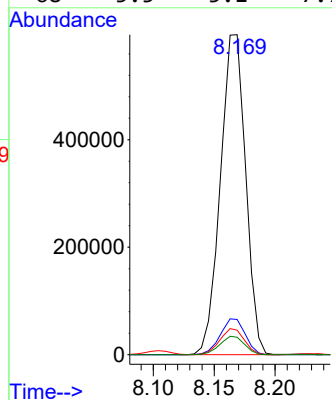
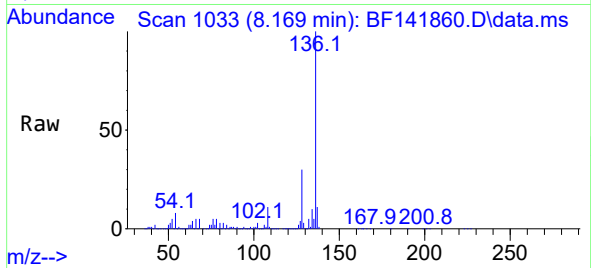


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

Tgt Ion:136 Resp: 860348

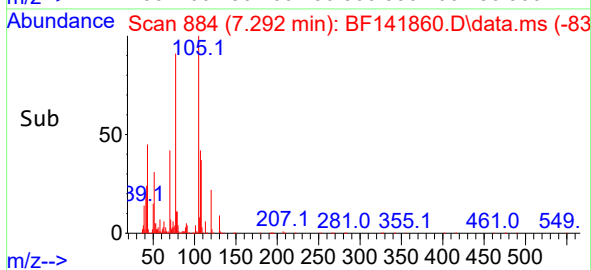
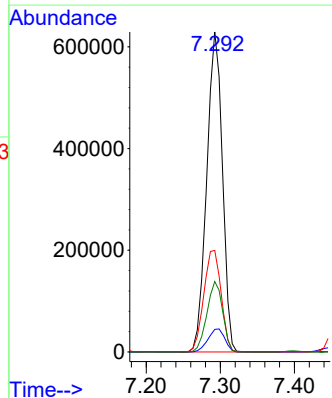
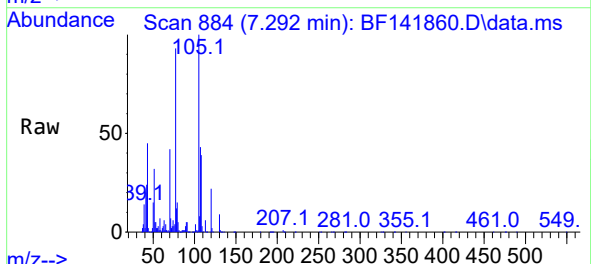
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.9	10.3
68	5.5	5.1	7.7

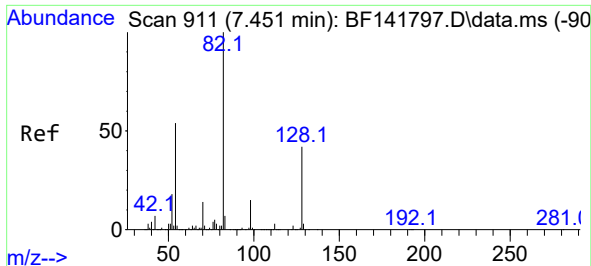


#22
Acetophenone
Concen: 44.14 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

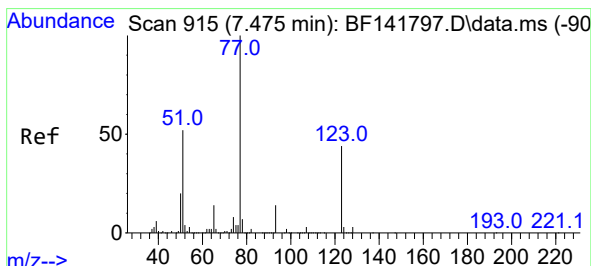
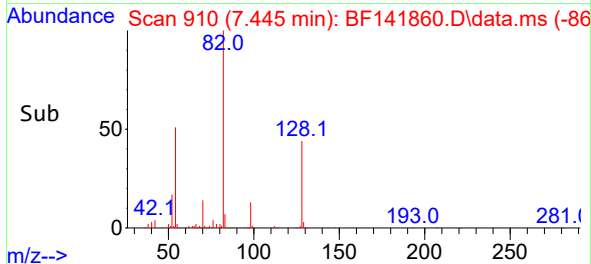
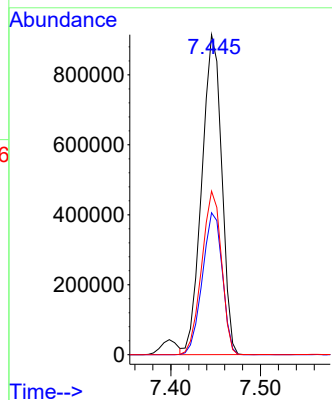
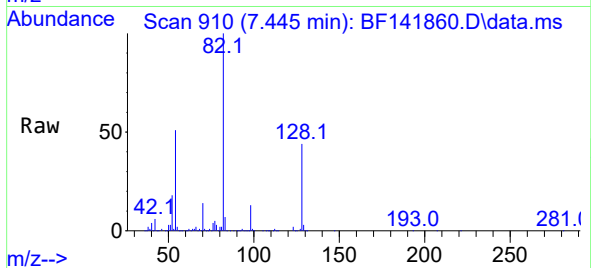




#23
Nitrobenzene-d5
Concen: 104.63 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

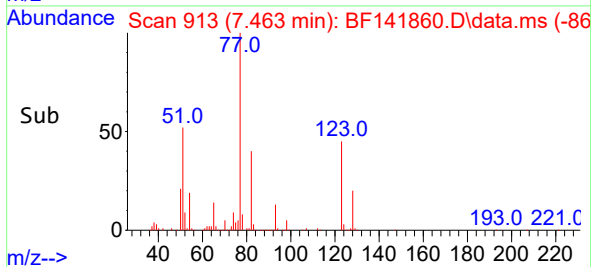
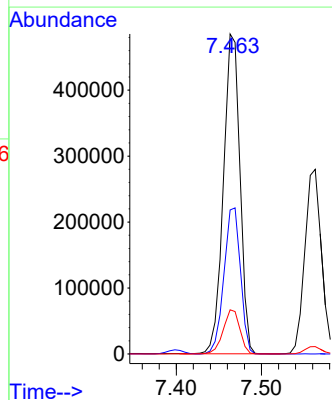
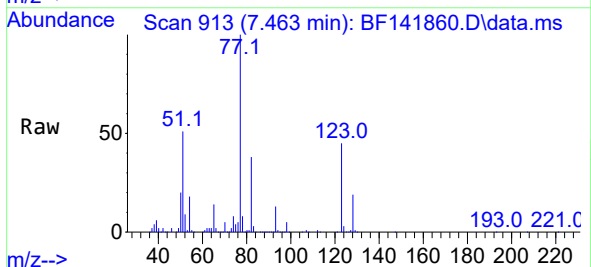
Instrument :
BNA_F
ClientSampleId :
PB166984BS

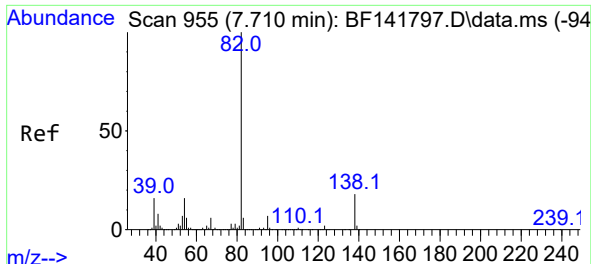
Tgt Ion: 82 Resp: 1408232
Ion Ratio Lower Upper
82 100
128 44.3 33.5 50.3
54 51.1 42.7 64.1



#24
Nitrobenzene
Concen: 45.54 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

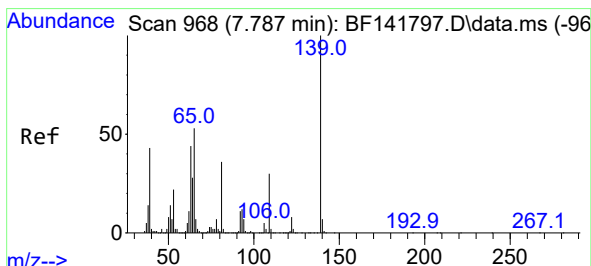
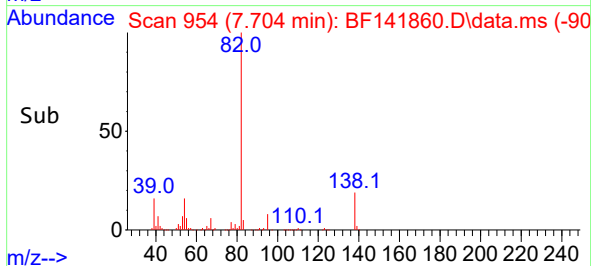
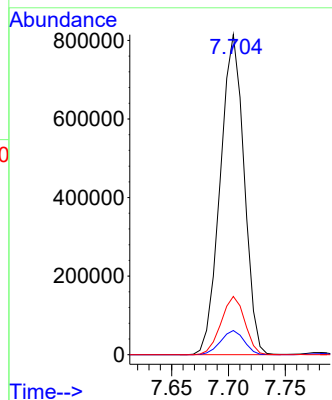
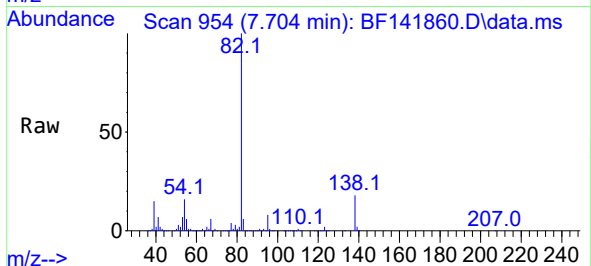




#25
Isophorone
Concen: 41.13 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

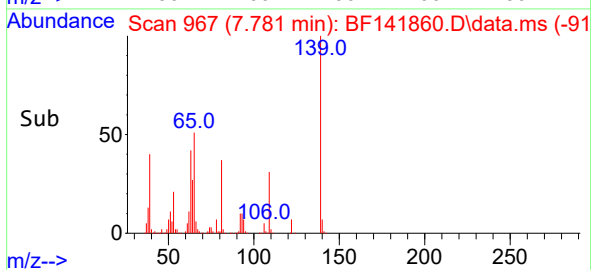
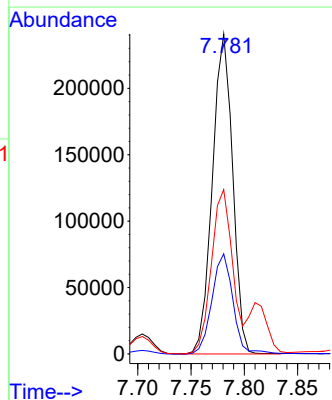
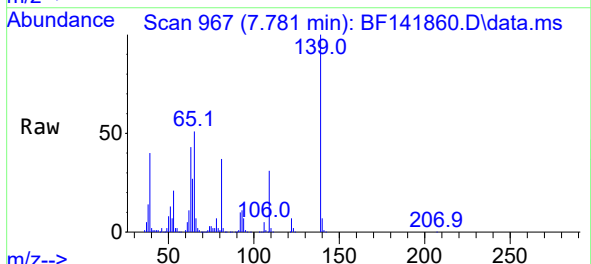
Instrument :
BNA_F
ClientSampleId :
PB166984BS

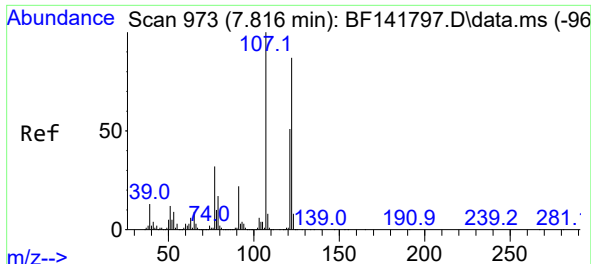
Tgt Ion: 82 Resp: 1189358
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 18.2 14.0 21.0



#26
2-Nitrophenol
Concen: 49.23 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

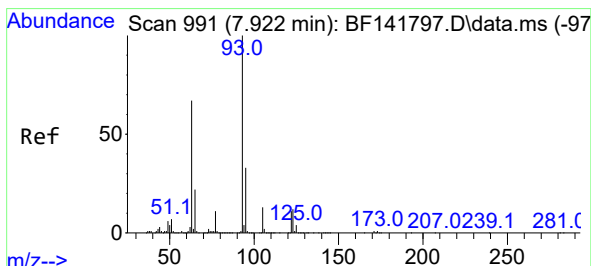
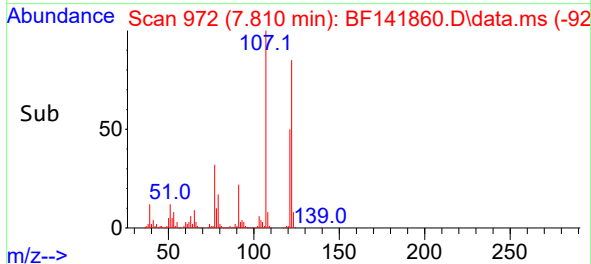
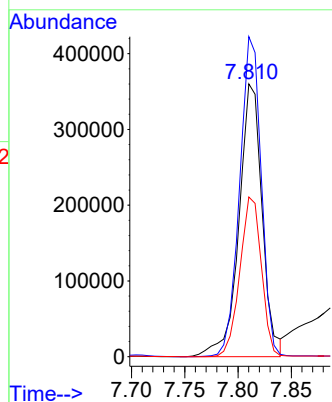
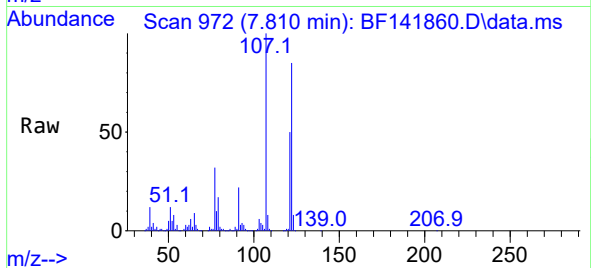




#27
2,4-Dimethylphenol
Concen: 51.29 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

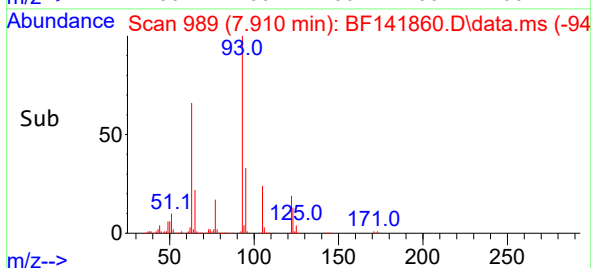
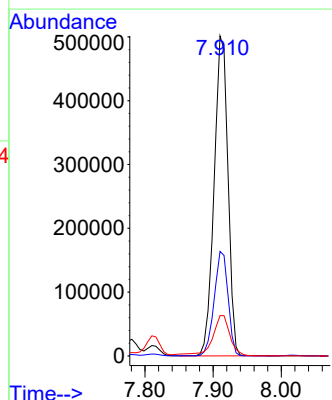
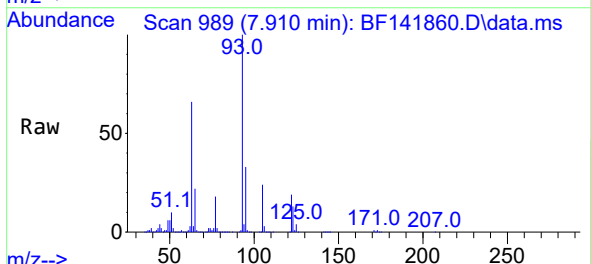
Instrument :
BNA_F
ClientSampleId :
PB166984BS

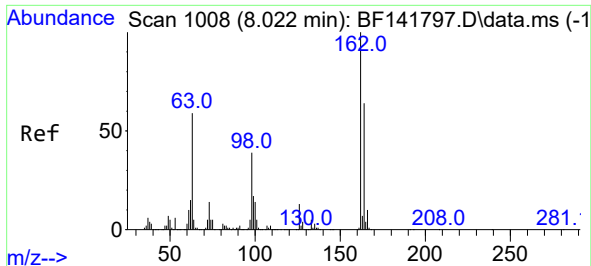
Tgt Ion:122 Resp: 545219
Ion Ratio Lower Upper
122 100
107 117.3 92.5 138.7
121 58.5 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 38.48 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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: 41.54 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

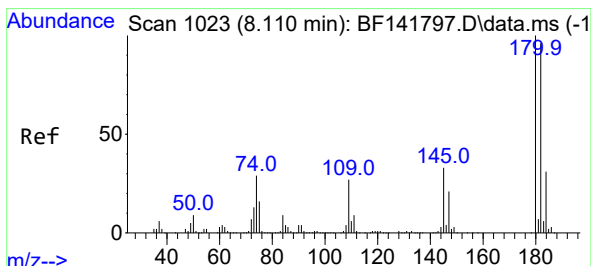
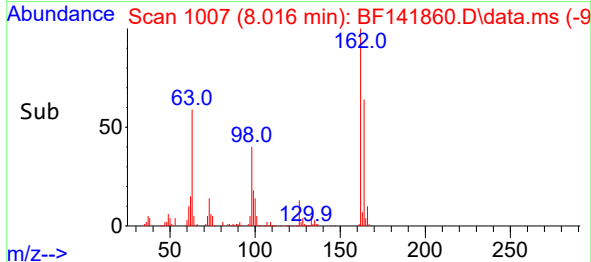
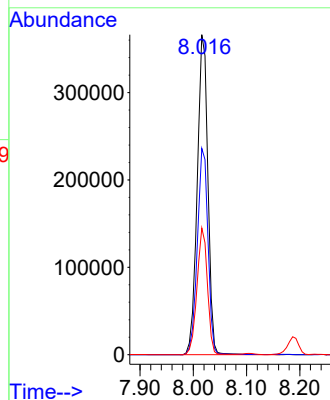
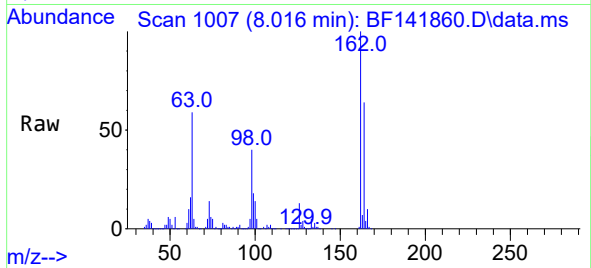
Tgt Ion:162 Resp: 509337

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: 42.10 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52 am

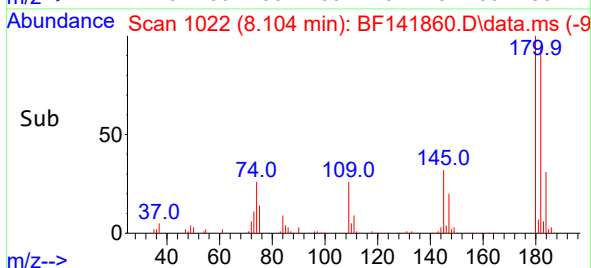
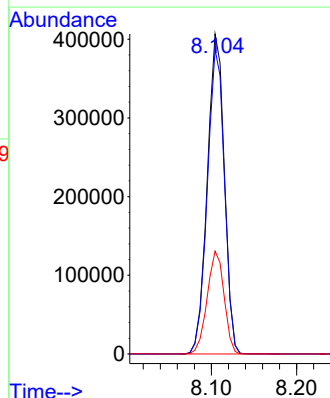
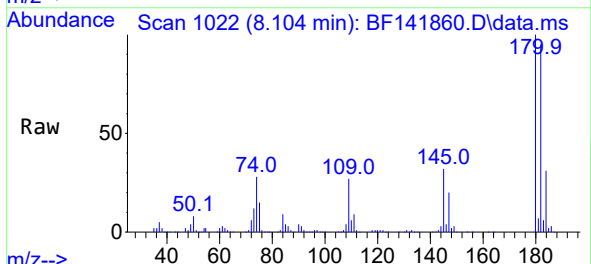
Tgt Ion:180 Resp: 565708

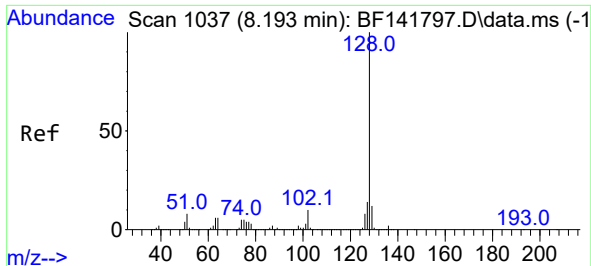
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 32.1 26.4 39.6

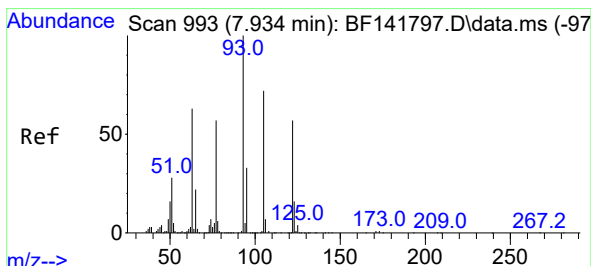
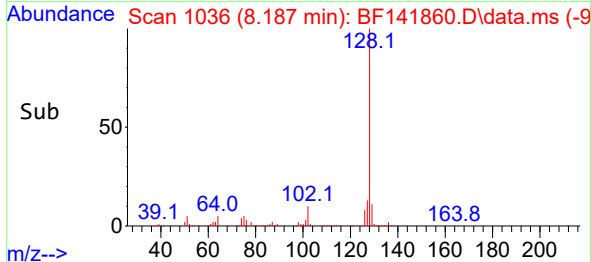
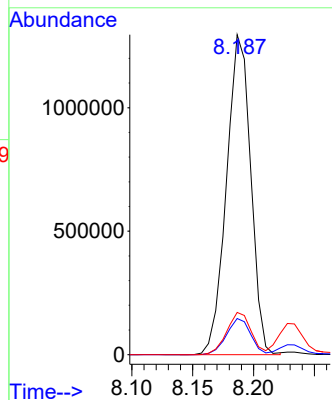
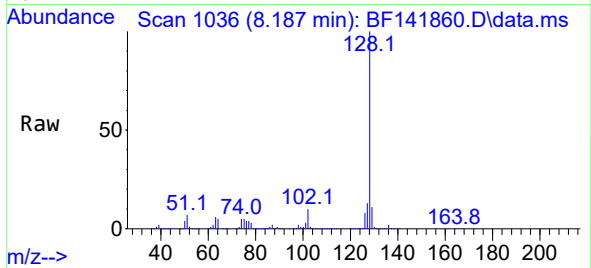




#31
Naphthalene
Concen: 40.67 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

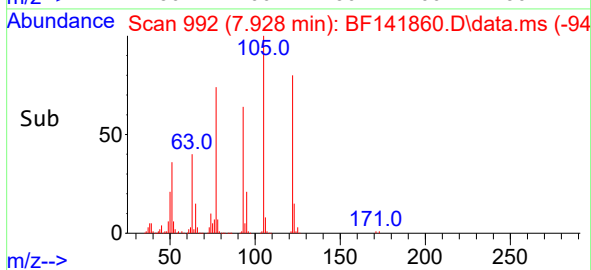
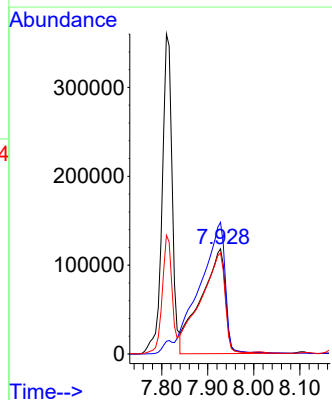
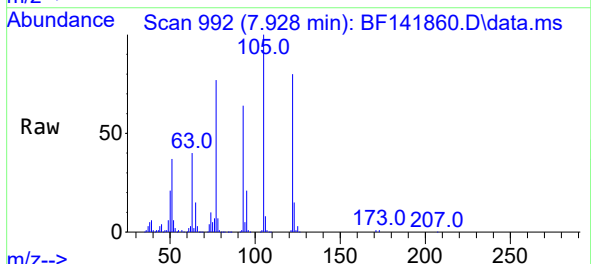
Instrument :
BNA_F
ClientSampleId :
PB166984BS

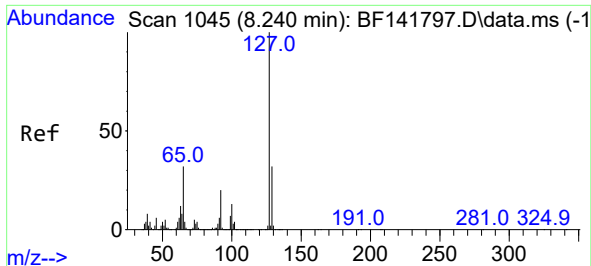
Tgt Ion:128 Resp: 1798156
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 48.97 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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



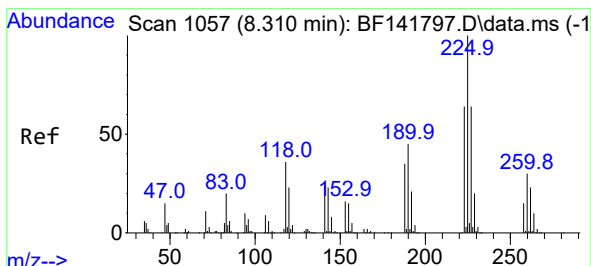
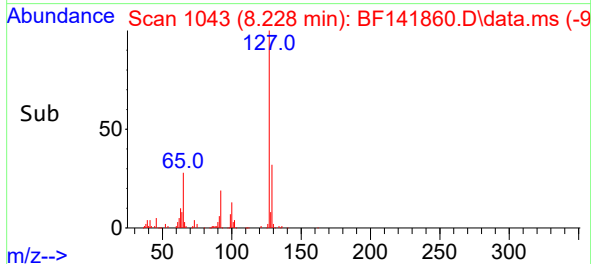
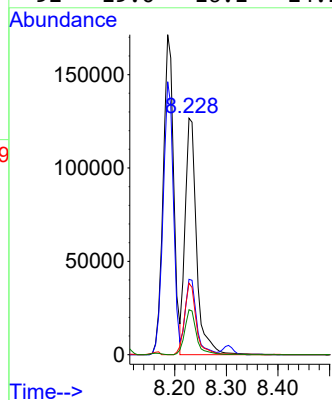
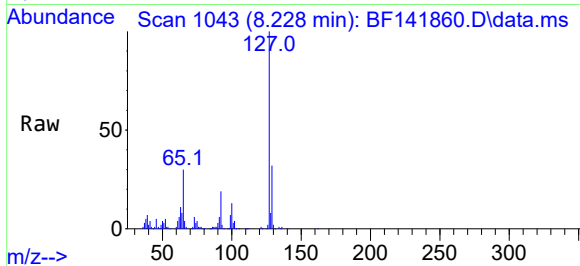


#33
4-Chloroaniline
Concen: 12.09 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

Tgt Ion:127 Resp: 196072

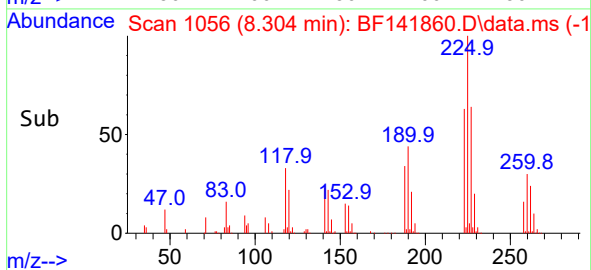
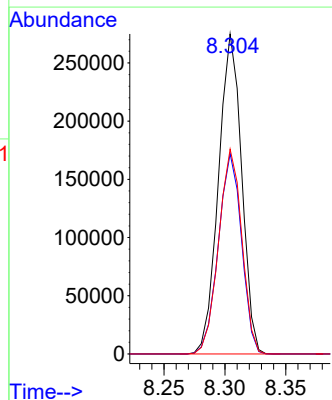
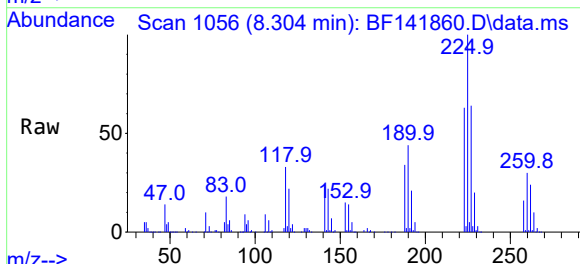
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	30.3	25.7	38.5
92	19.0	16.1	24.1

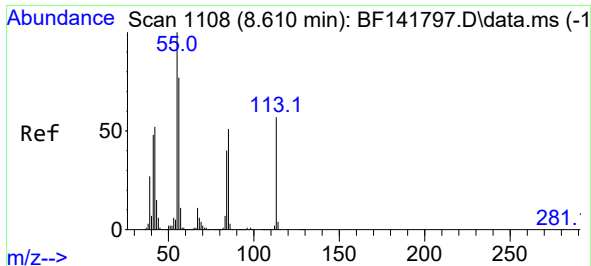


#34
Hexachlorobutadiene
Concen: 43.53 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

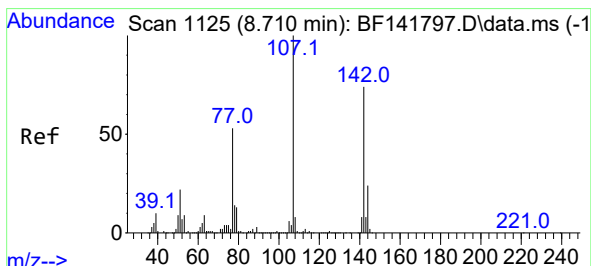
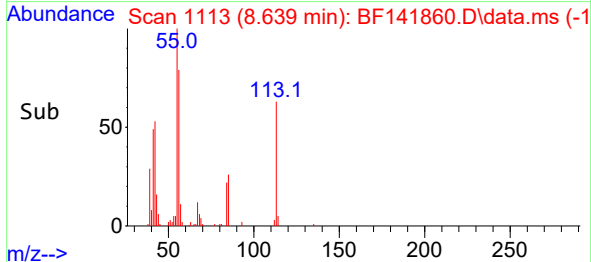
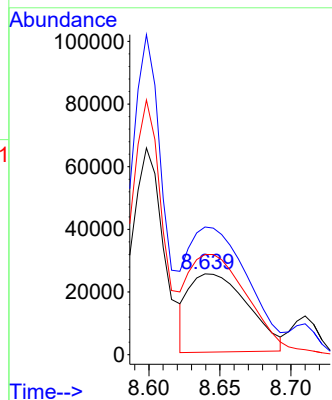
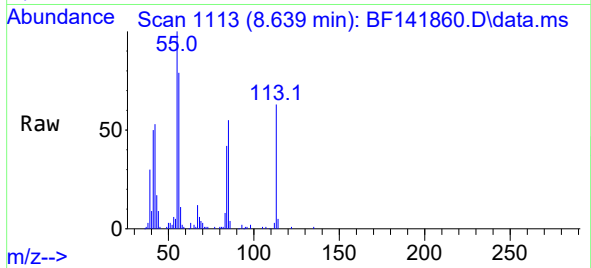




#35
Caprolactam
Concen: 19.14 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.029 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

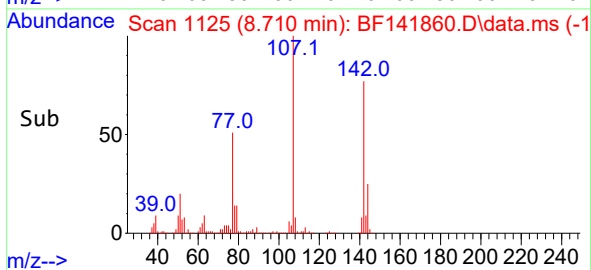
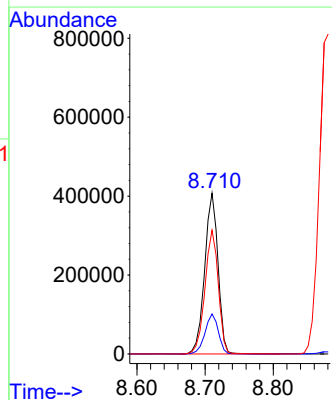
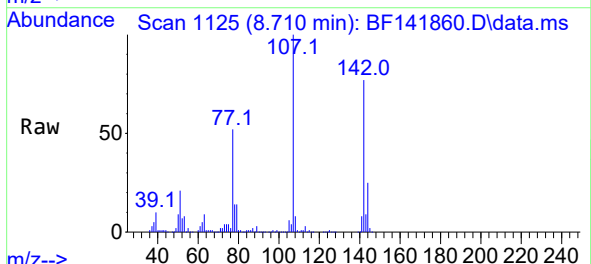
Instrument :
BNA_F
ClientSampleId :
PB166984BS

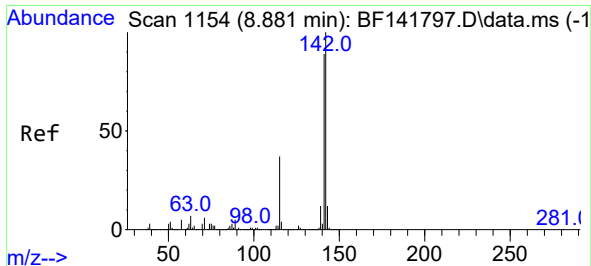
Tgt Ion:113 Resp: 72216
Ion Ratio Lower Upper
113 100
55 157.9 155.6 195.6
56 124.0 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 40.76 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

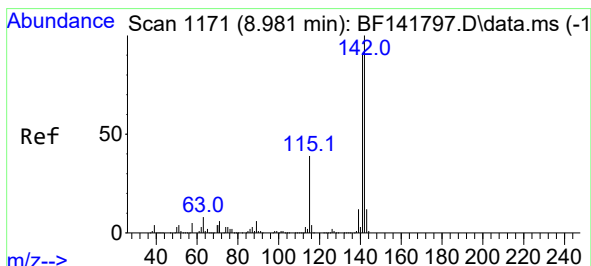
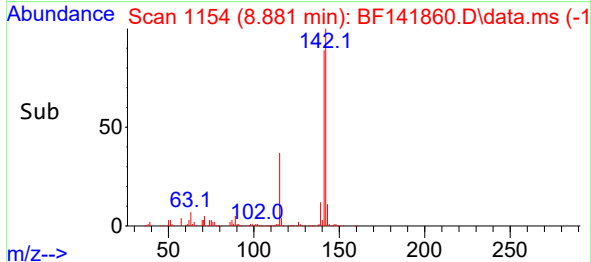
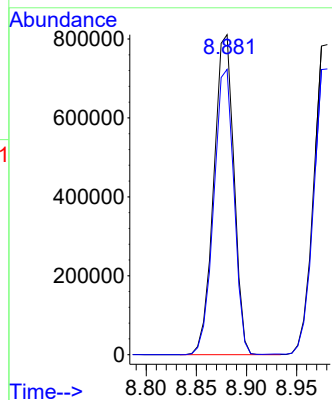
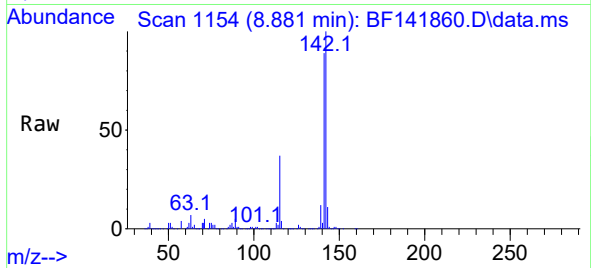




#37
2-Methylnaphthalene
Concen: 39.17 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

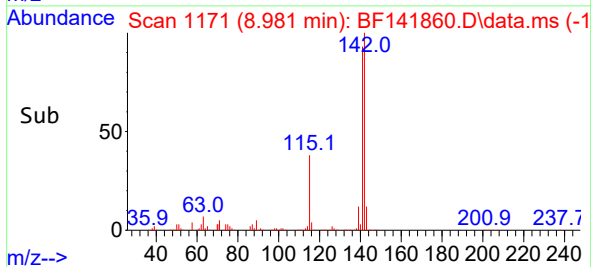
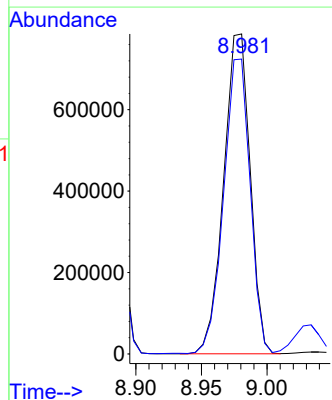
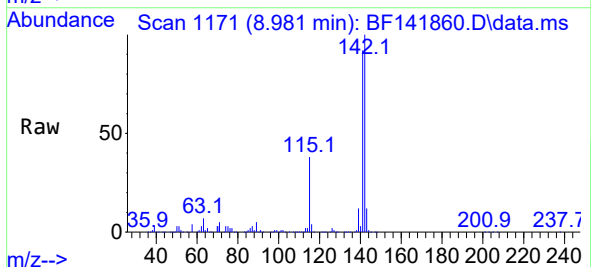
Instrument :
BNA_F
ClientSampleId :
PB166984BS

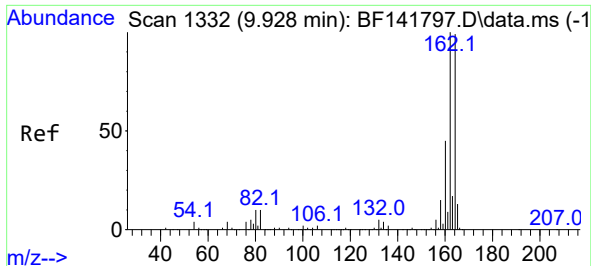
Tgt Ion:142 Resp: 1136178
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.75 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

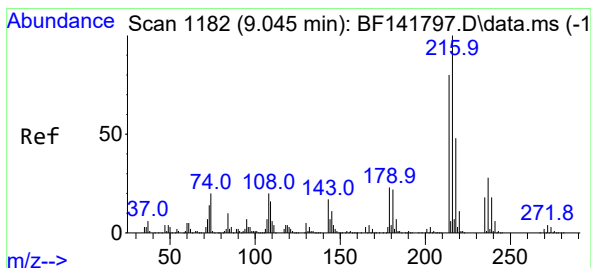
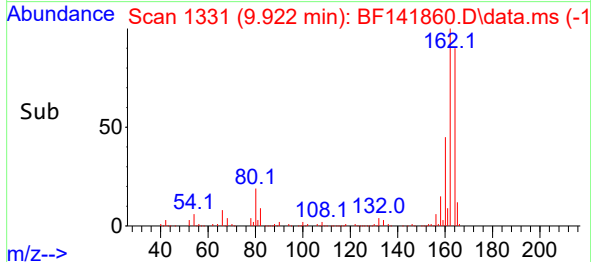
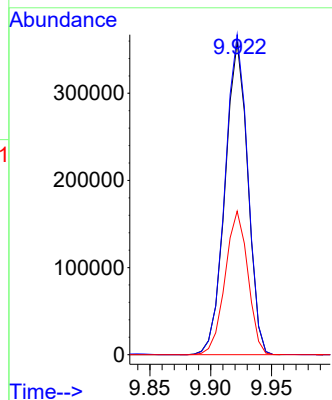
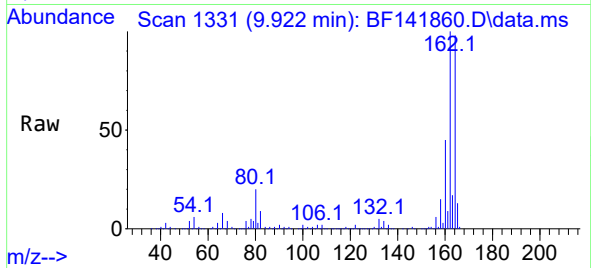




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.922 min Scan# 1182
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

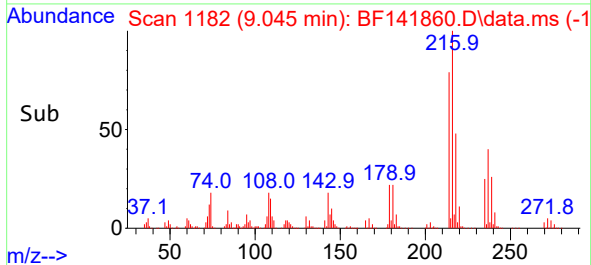
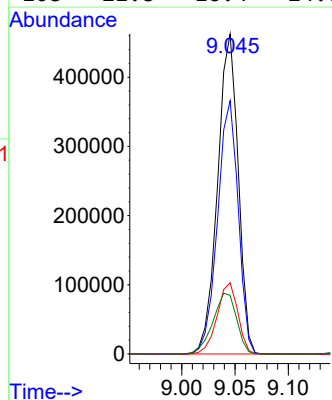
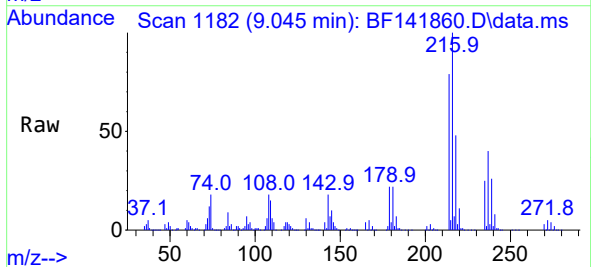
Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

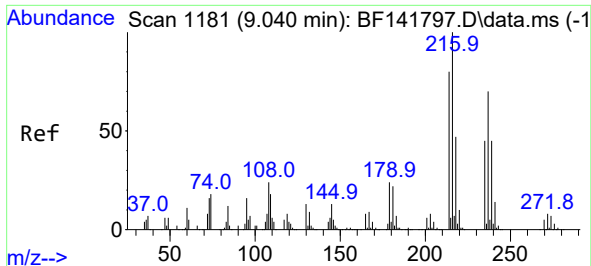
Tgt Ion:164 Resp: 467040
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 120.8
 160 45.9 36.3 54.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.05 ng
 RT: 9.045 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52 am

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

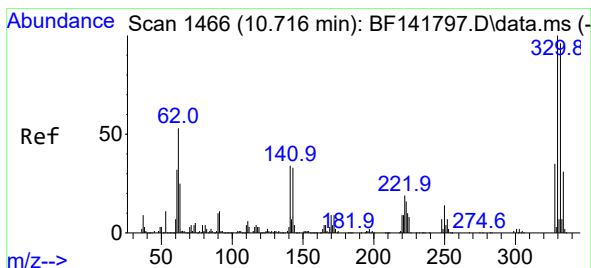
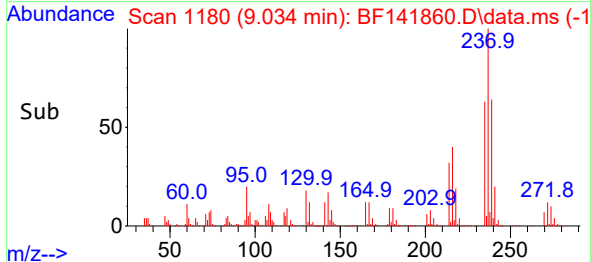
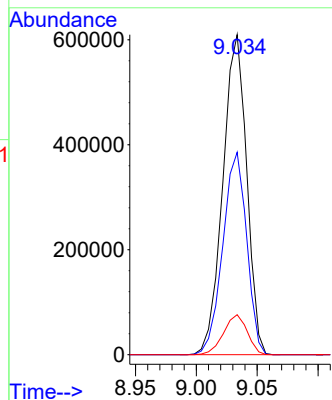
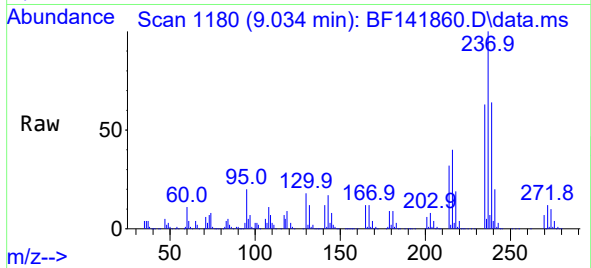




#41
Hexachlorocyclopentadiene
Concen: 147.48 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

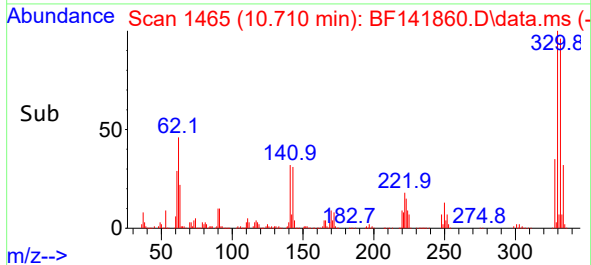
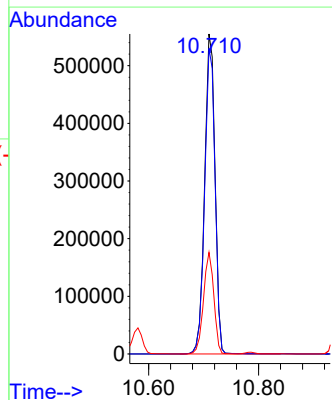
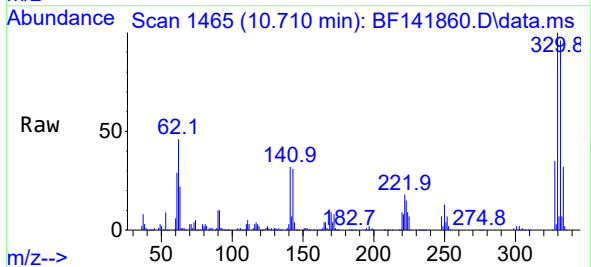
Instrument :
BNA_F
ClientSampleId :
PB166984BS

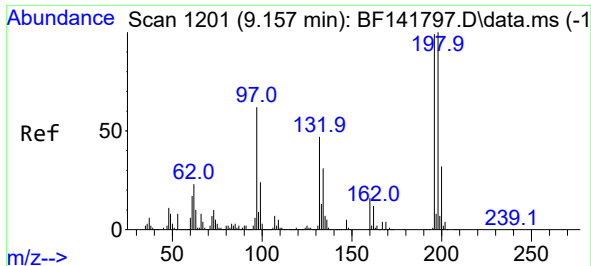
Tgt Ion:237 Resp: 830196
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 165.56 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

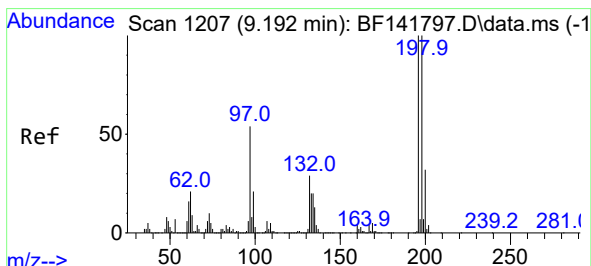
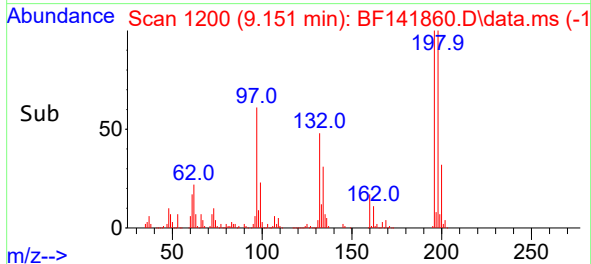
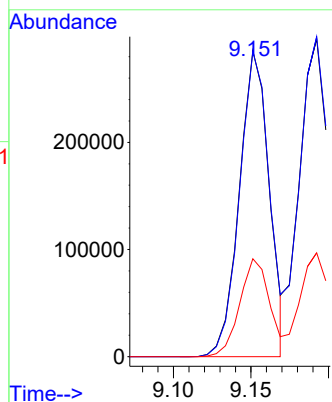
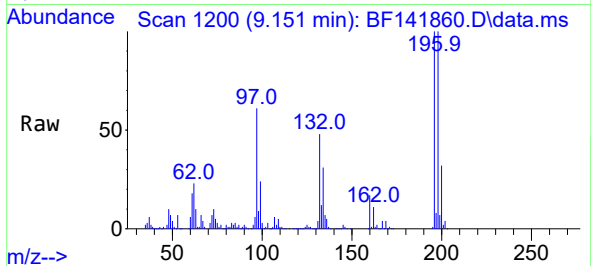




#43
2,4,6-Trichlorophenol
Concen: 43.79 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

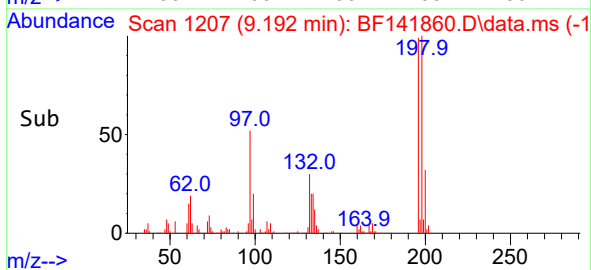
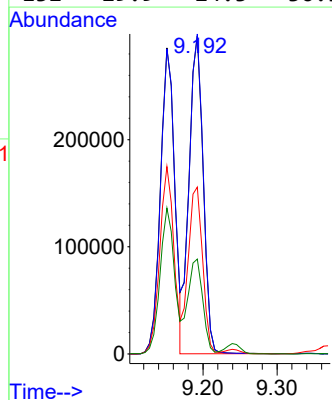
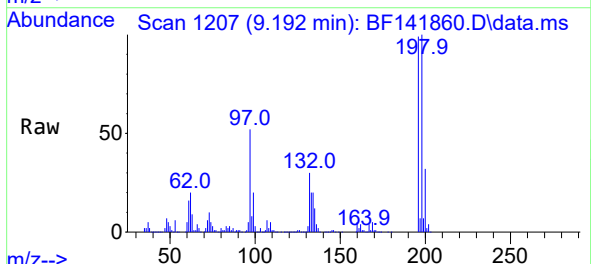
Instrument :
BNA_F
ClientSampleId :
PB166984BS

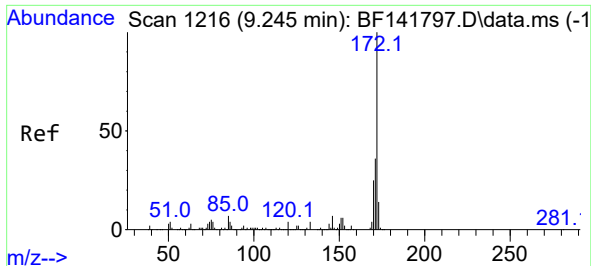
Tgt Ion:196 Resp: 381567
Ion Ratio Lower Upper
196 100
198 99.7 80.4 120.6
200 32.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 45.60 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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: 91.31 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

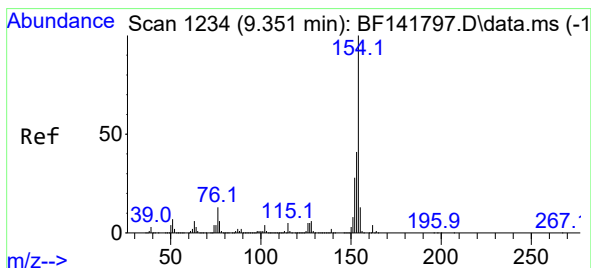
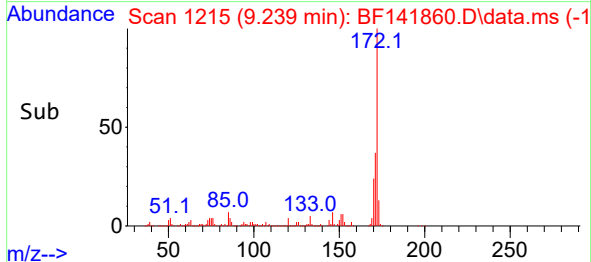
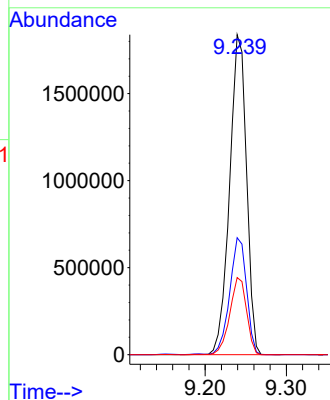
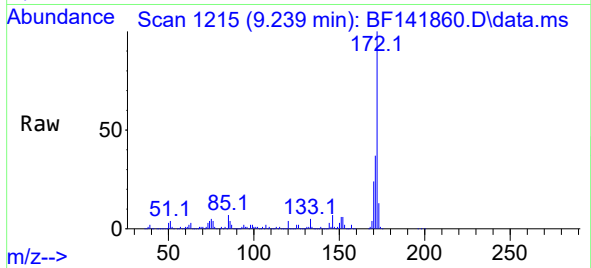
BNA_F

ClientSampleId :

PB166984BS

Tgt Ion: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: 45.32 ng

RT: 9.345 min Scan# 1233

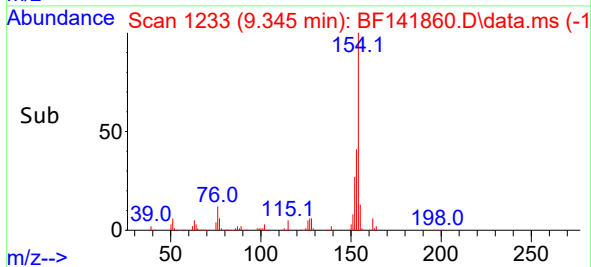
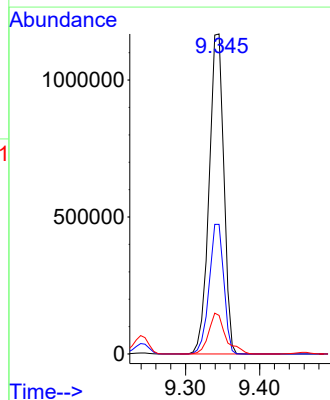
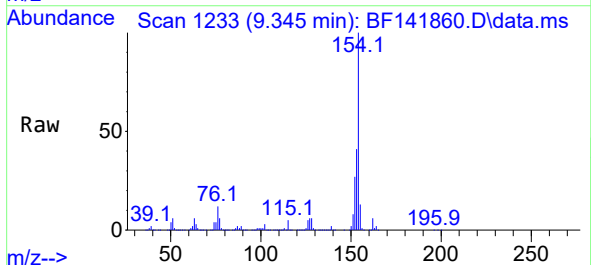
Delta R.T. -0.006 min

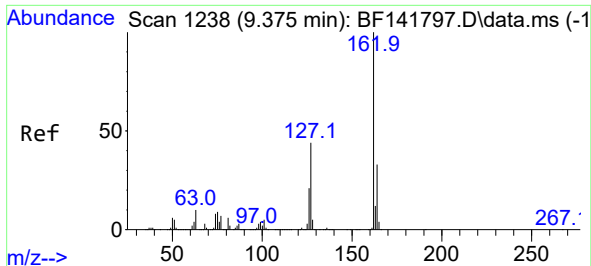
Lab File: BF141860.D

Acq: 06 Mar 2025 10:52 am

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: 41.88 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141860.D

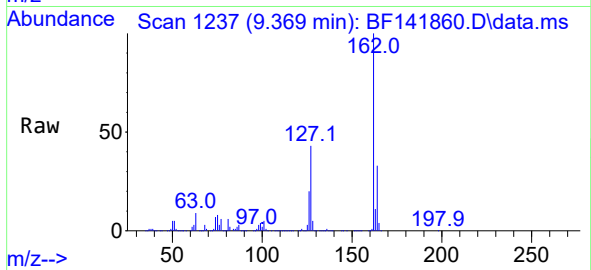
Acq: 06 Mar 2025 10:52

Instrument :

BNA_F

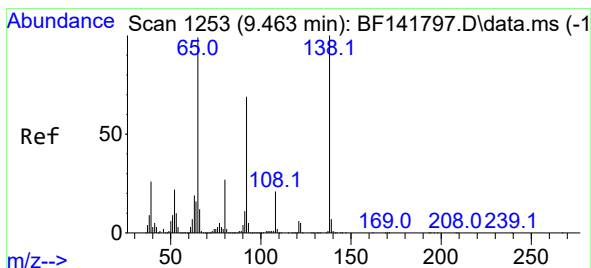
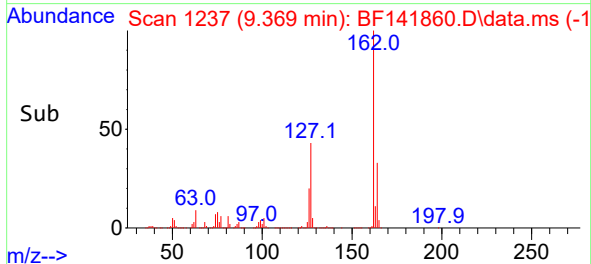
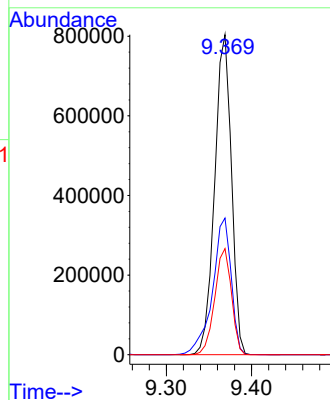
ClientSampleId :

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: 47.63 ng

RT: 9.457 min Scan# 1252

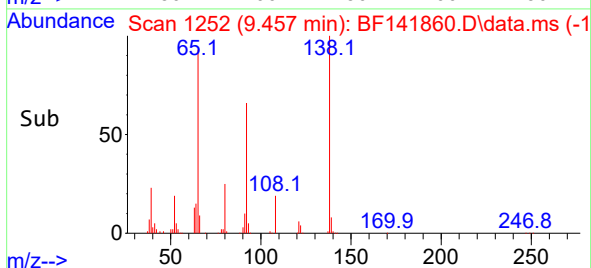
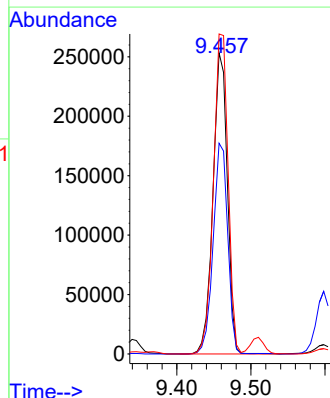
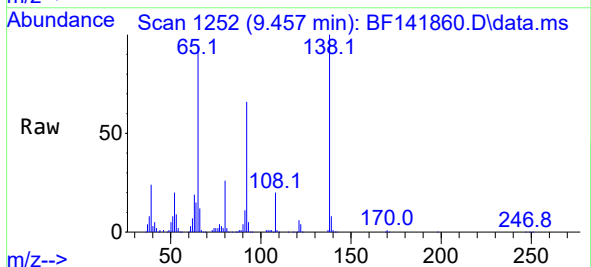
Delta R.T. -0.006 min

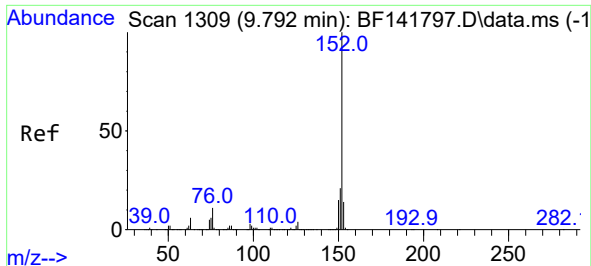
Lab File: BF141860.D

Acq: 06 Mar 2025 10:52 am

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

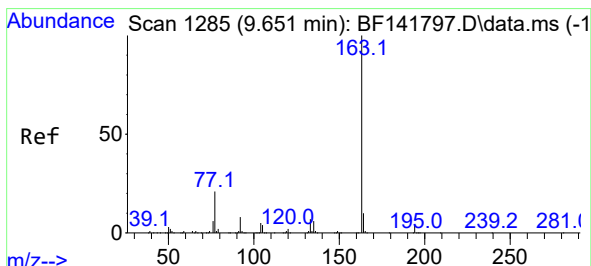
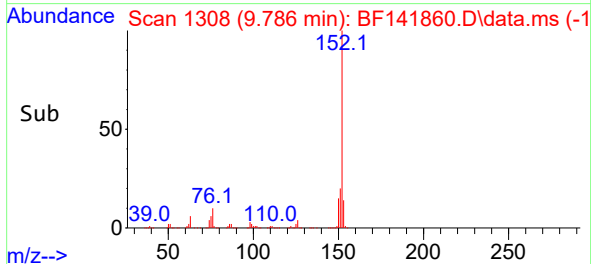
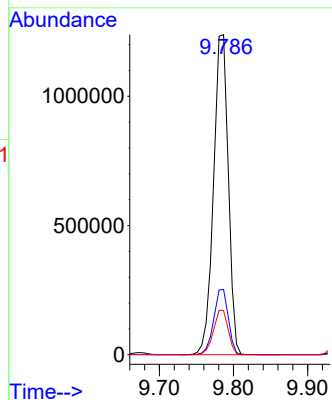
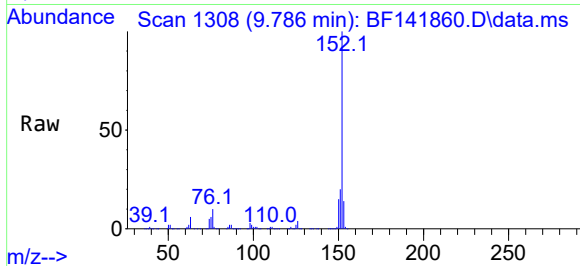




#49
Acenaphthylene
Concen: 43.56 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

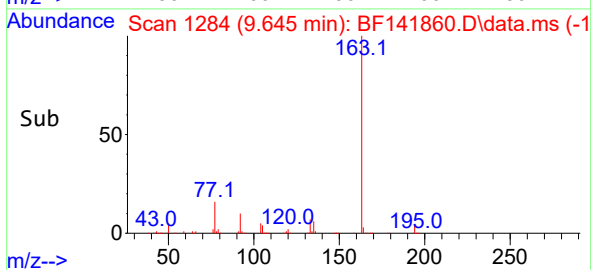
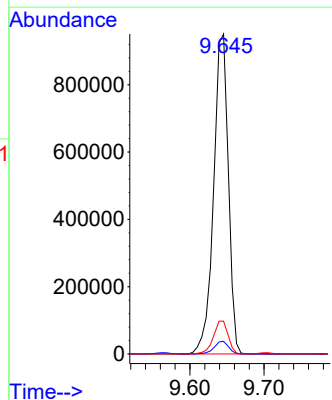
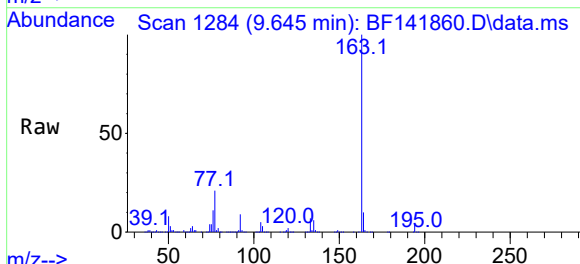
Instrument :
BNA_F
ClientSampleId :
PB166984BS

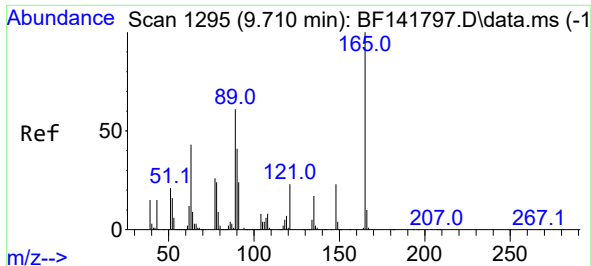
Tgt Ion:152 Resp: 1713470
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.8 11.2 16.8



#50
Dimethylphthalate
Concen: 42.01 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

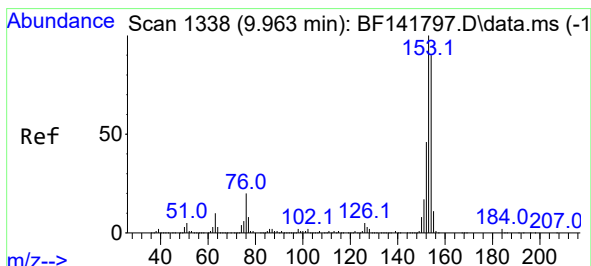
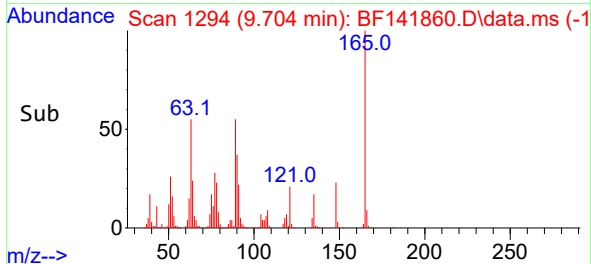
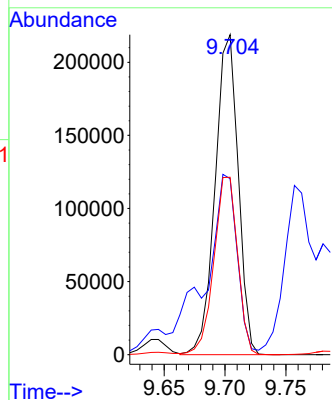
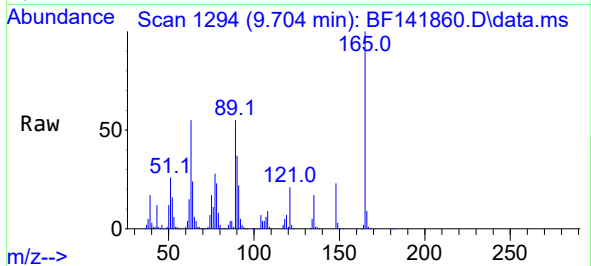




#51
2,6-Dinitrotoluene
Concen: 48.25 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

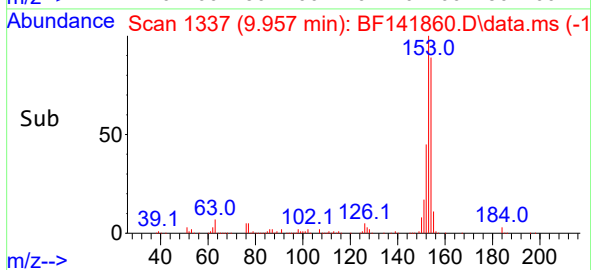
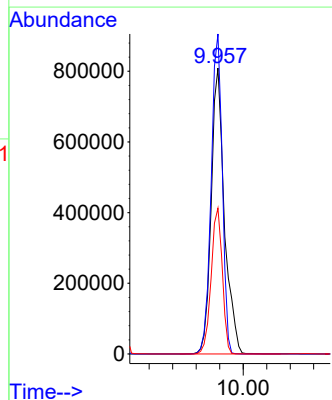
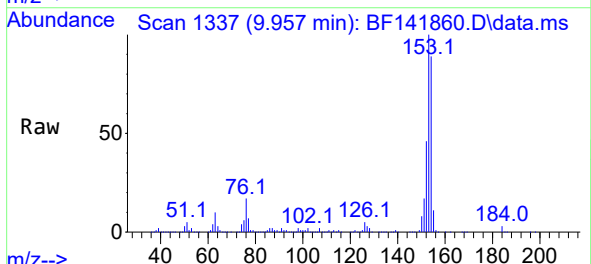
Instrument :
BNA_F
ClientSampleId :
PB166984BS

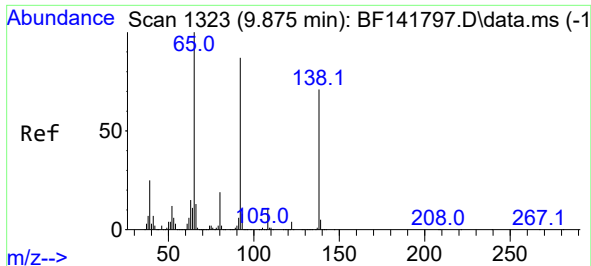
Tgt Ion:165 Resp: 288768
Ion Ratio Lower Upper
165 100
63 55.0 49.5 74.3
89 55.5 49.0 73.4



#52
Acenaphthene
Concen: 47.70 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

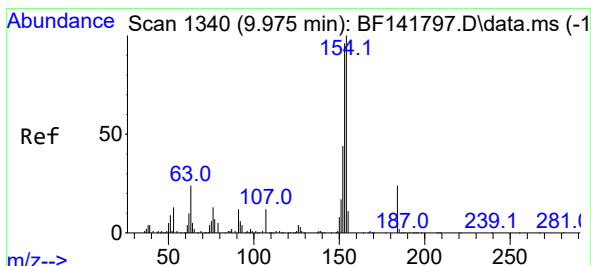
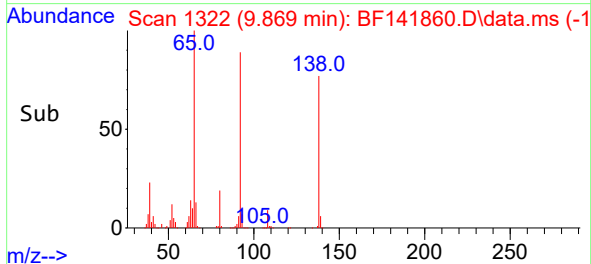
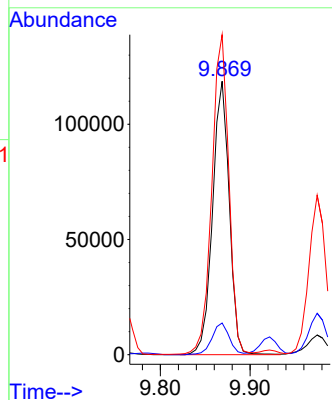
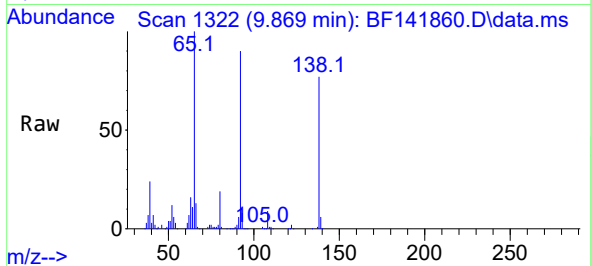




#53
3-Nitroaniline
Concen: 25.52 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

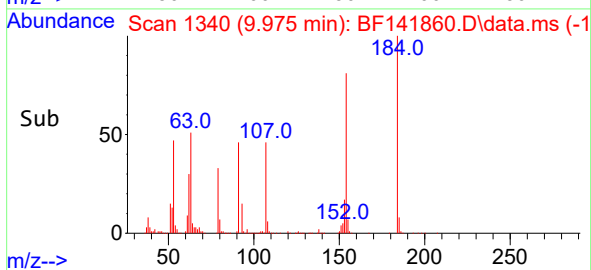
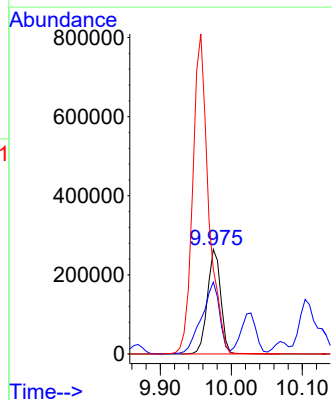
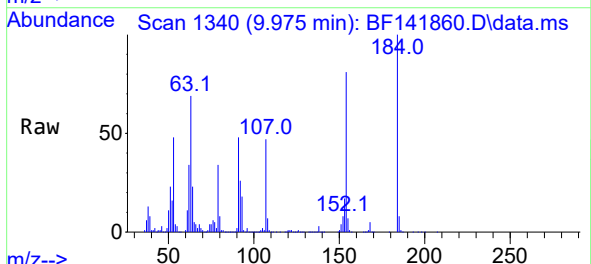
Instrument :
BNA_F
ClientSampleId :
PB166984BS

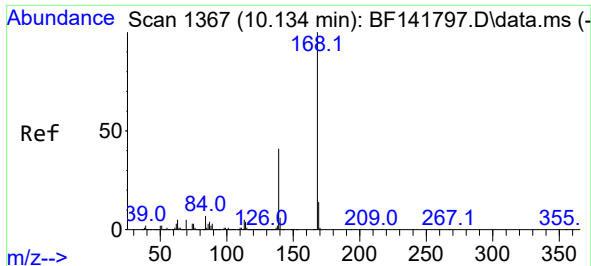
Tgt Ion:138 Resp: 153204
Ion Ratio Lower Upper
138 100
108 11.6 12.7 19.1#
92 117.0 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 111.08 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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#

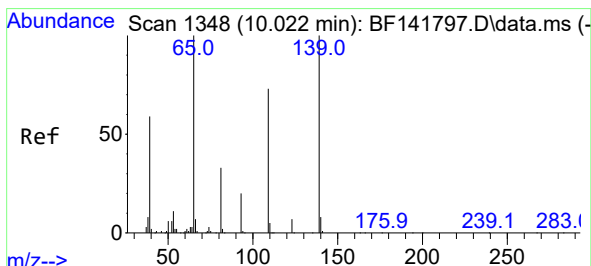
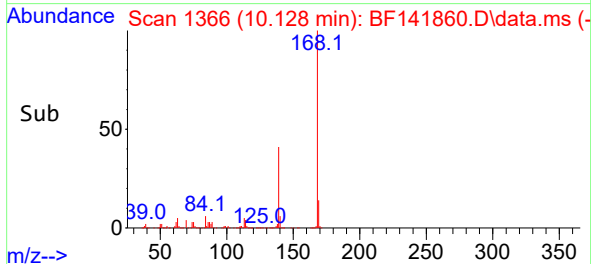
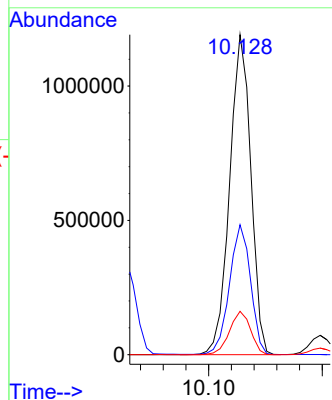
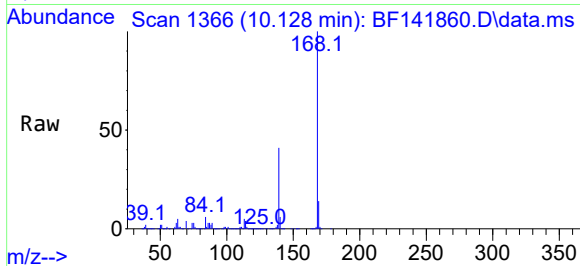




#55
Dibenzenofuran
Concen: 39.97 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

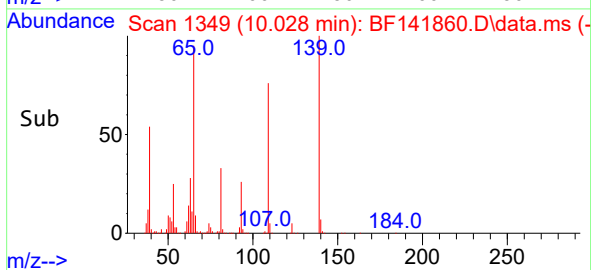
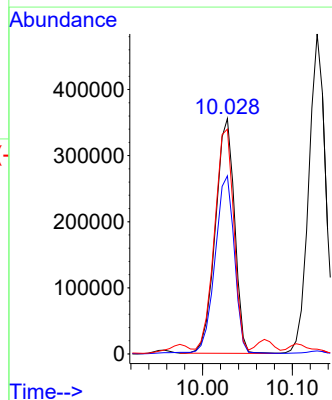
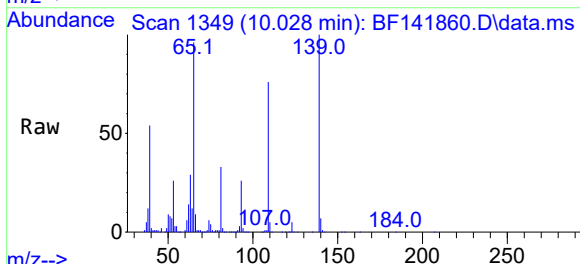
Instrument :
BNA_F
ClientSampleId :
PB166984BS

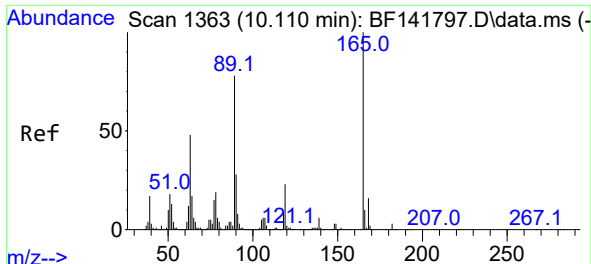
Tgt Ion:168 Resp: 1544243
Ion Ratio Lower Upper
168 100
139 40.6 32.9 49.3
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 113.84 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

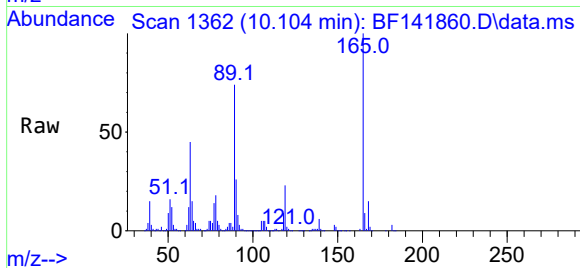
Tgt Ion:139 Resp: 525883
Ion Ratio Lower Upper
139 100
109 75.6 53.4 93.4
65 95.5 82.1 122.1



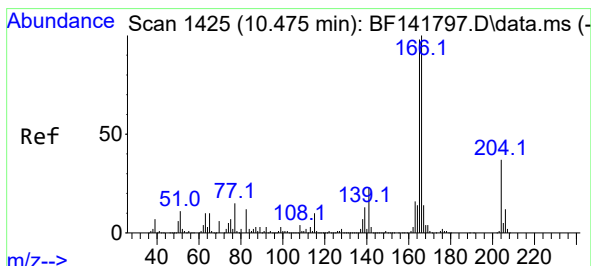
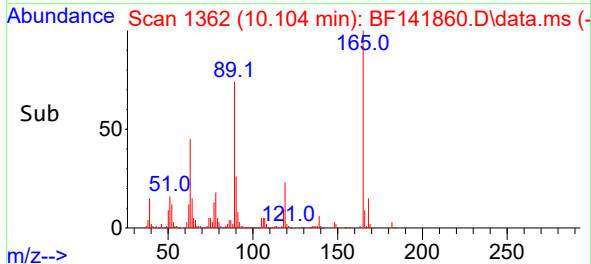
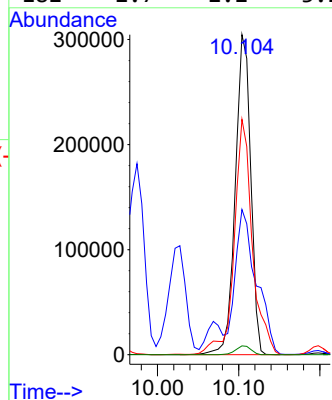


#57
2,4-Dinitrotoluene
Concen: 54.45 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

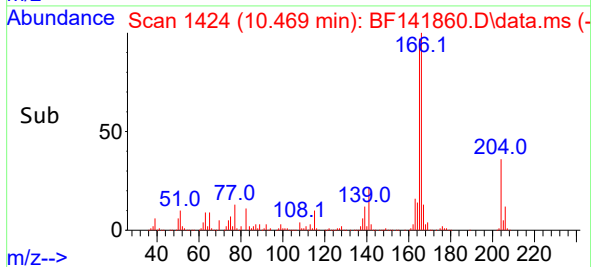
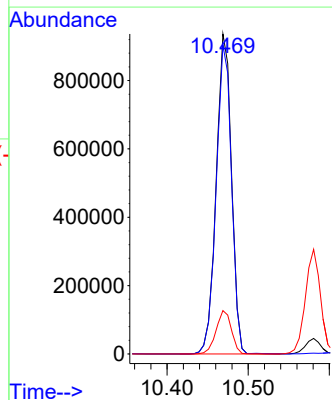
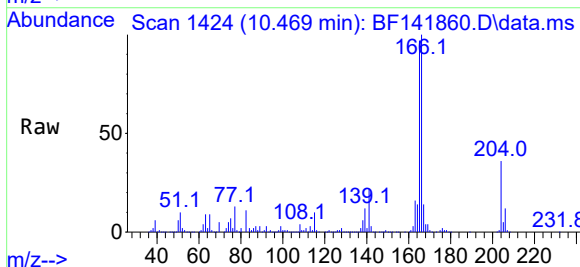


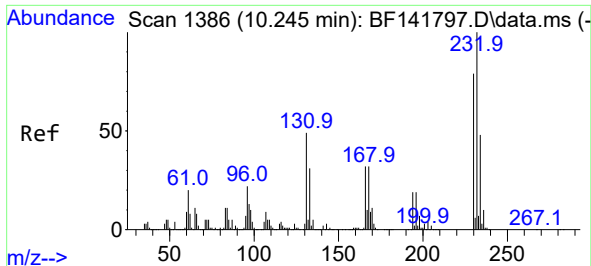
Tgt Ion:165 Resp: 401637
Ion Ratio Lower Upper
165 100
63 45.3 38.8 58.2
89 73.6 62.6 94.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.38 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

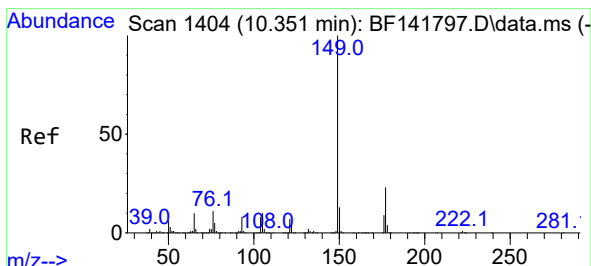
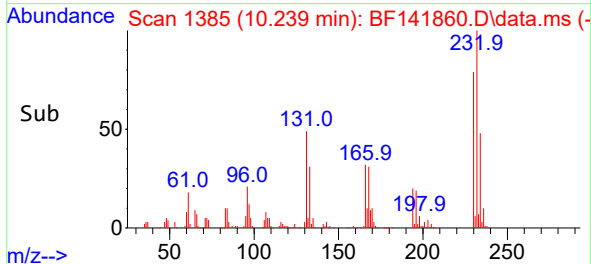
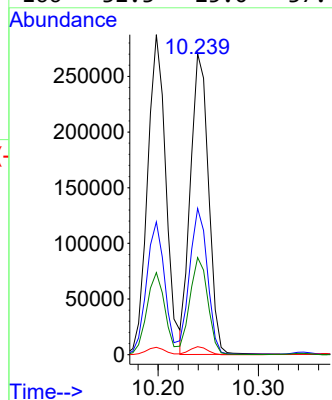
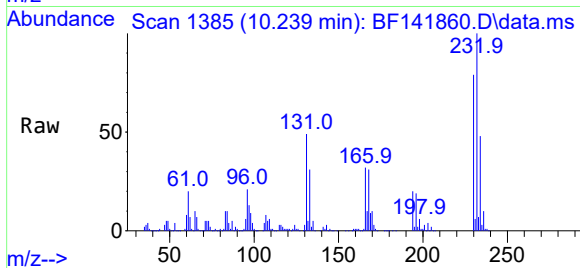




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.07 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

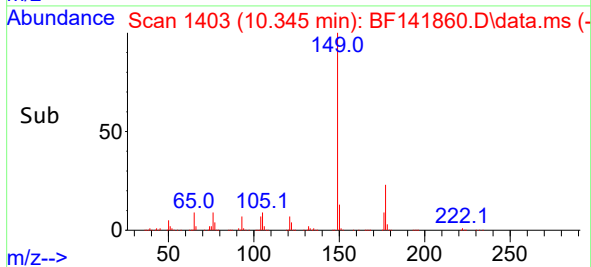
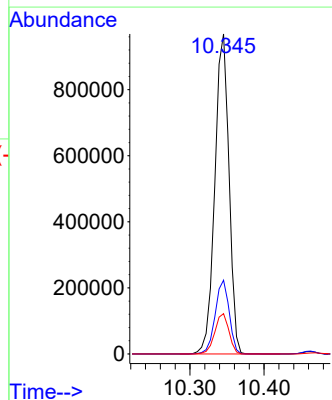
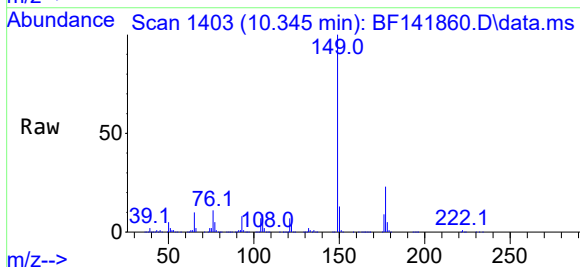
Instrument :
BNA_F
ClientSampleId :
PB166984BS

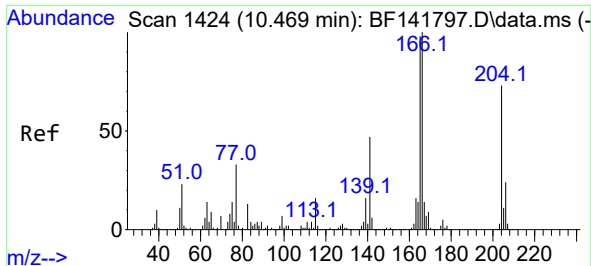
Tgt Ion:232 Resp: 338195
Ion Ratio Lower Upper
232 100
131 48.4 37.8 56.8
130 2.6 2.0 3.0
166 32.3 25.0 37.4



#60
Diethylphthalate
Concen: 40.87 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

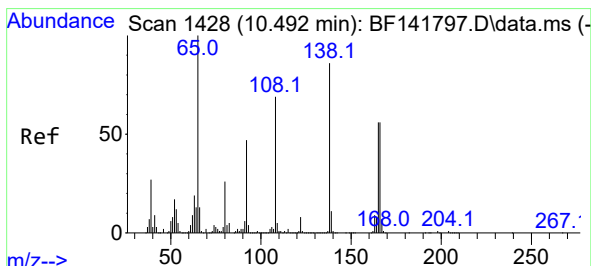
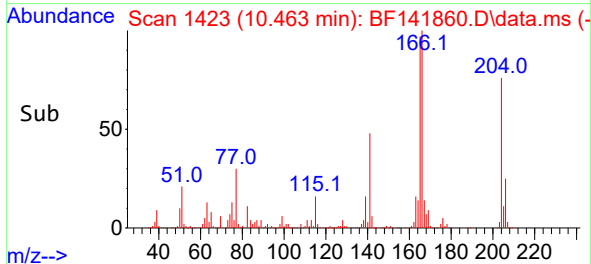
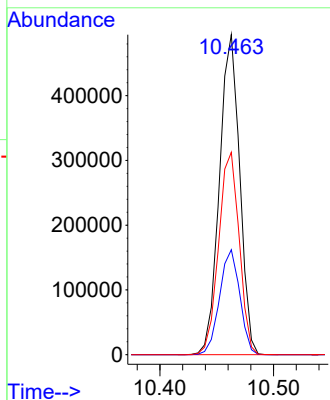
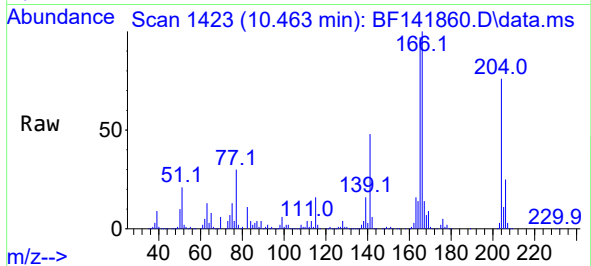




#61
4-Chlorophenyl-phenylether
Concen: 42.26 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

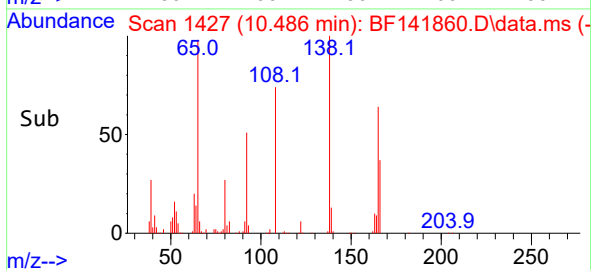
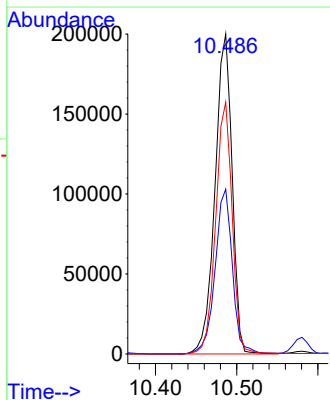
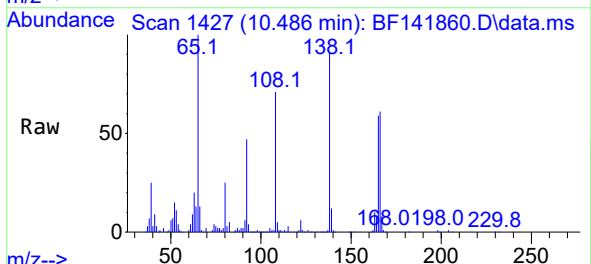
Instrument :
BNA_F
ClientSampleId :
PB166984BS

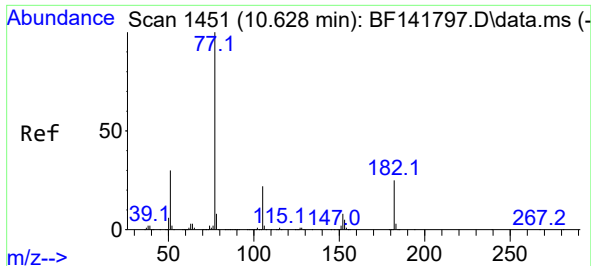
Tgt Ion:204 Resp: 612702
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 63.3 51.7 77.5



#62
4-Nitroaniline
Concen: 54.90 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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



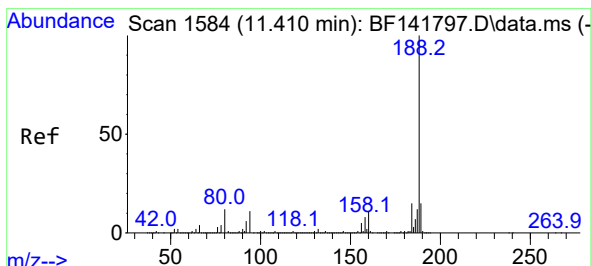
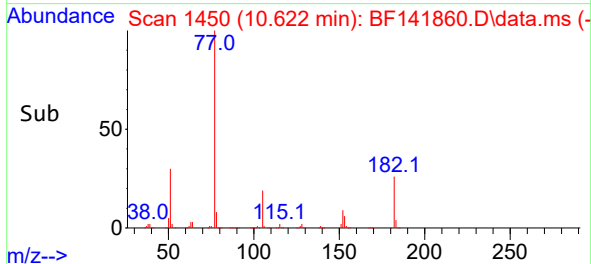
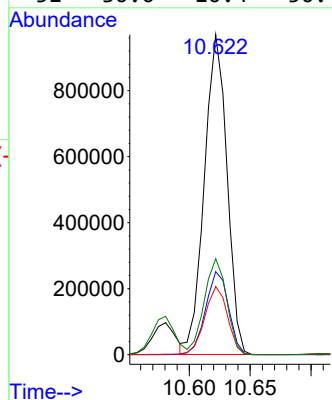
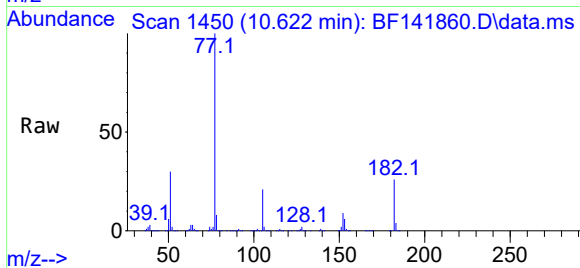


#63
Azobenzene
Concen: 37.96 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166984BS

Tgt Ion: 77 Resp: 1253041

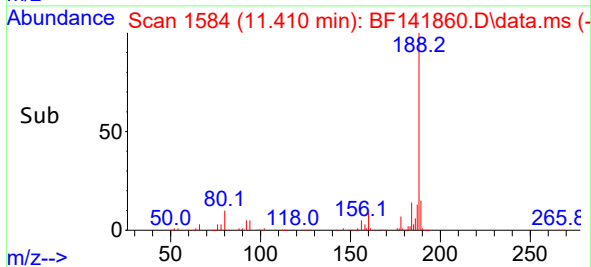
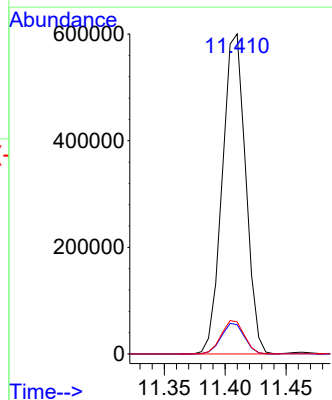
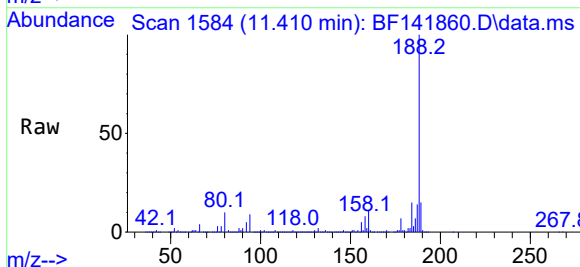
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.2	44.2
105	21.3	1.5	41.5
51	30.0	10.4	50.4

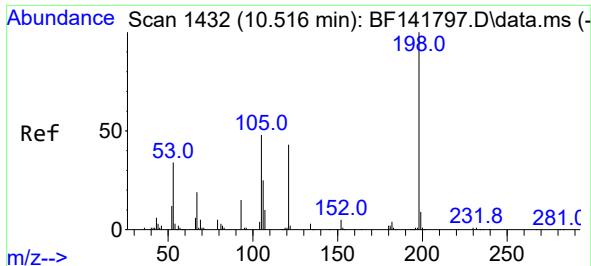


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

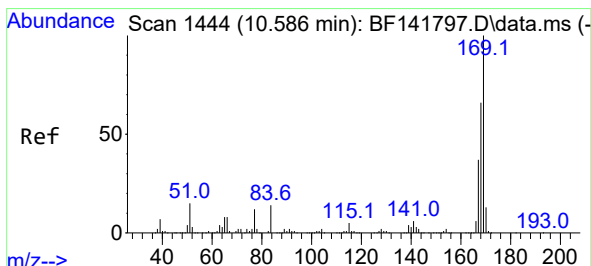
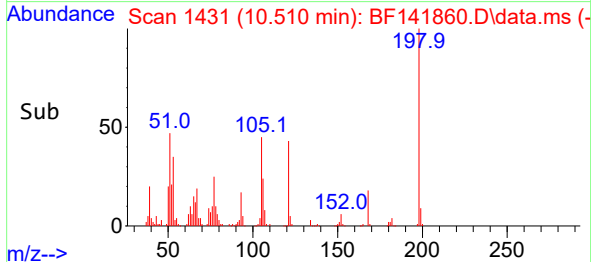
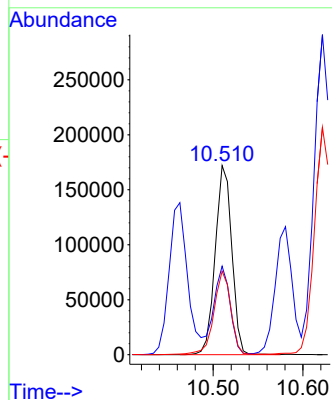
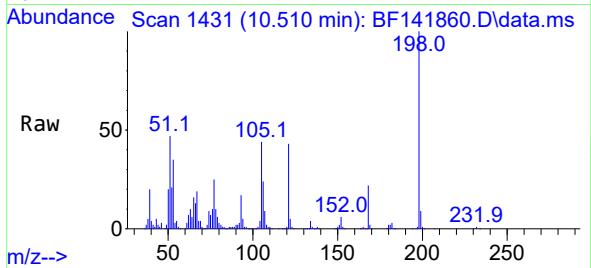




#65
4,6-Dinitro-2-methylphenol
Concen: 56.70 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

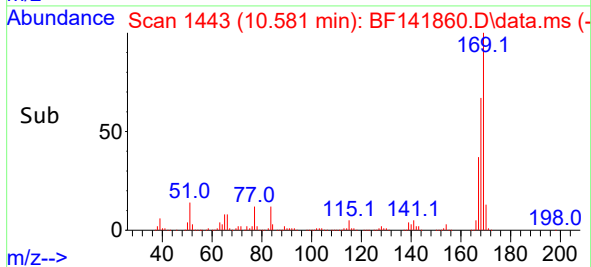
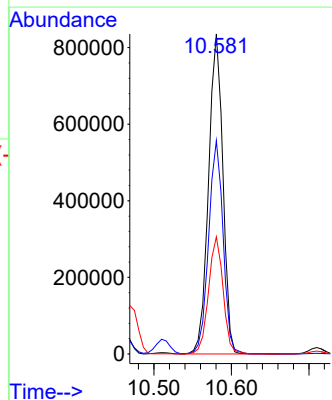
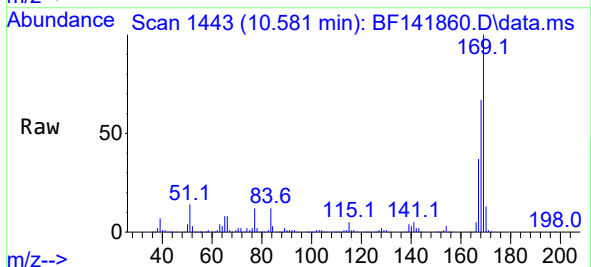
Instrument :
BNA_F
ClientSampleId :
PB166984BS

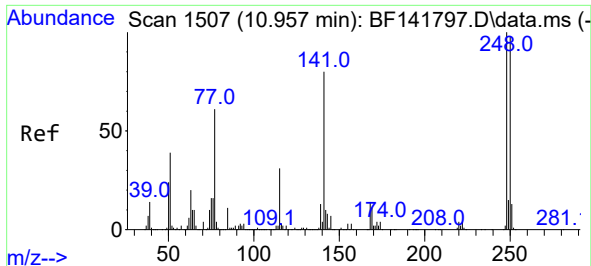
Tgt Ion:198 Resp: 220801
Ion Ratio Lower Upper
198 100
51 46.8 32.1 72.1
105 44.2 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 40.71 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

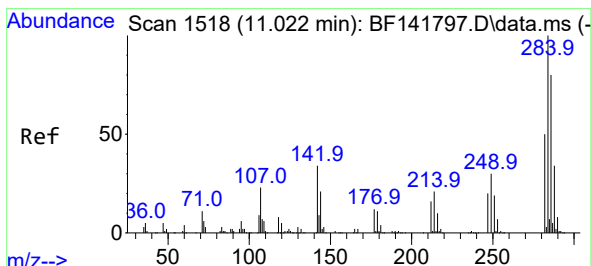
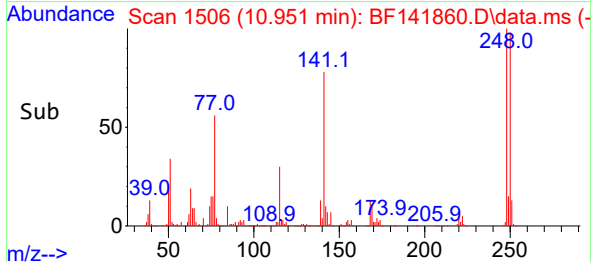
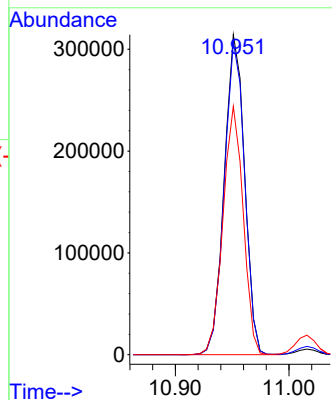
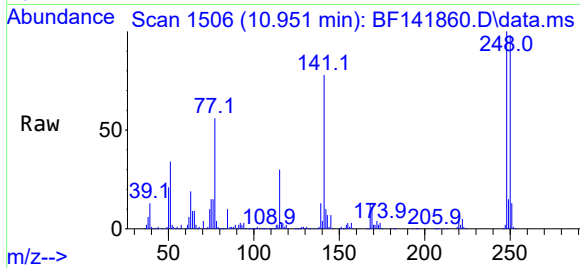




#67
4-Bromophenyl-phenylether
Concen: 41.82 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

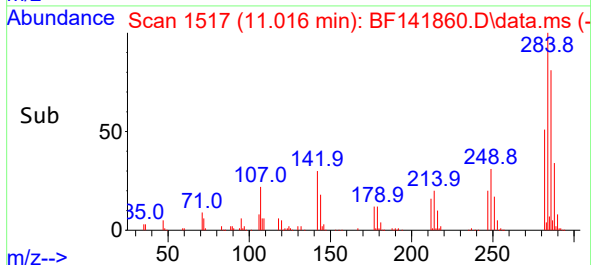
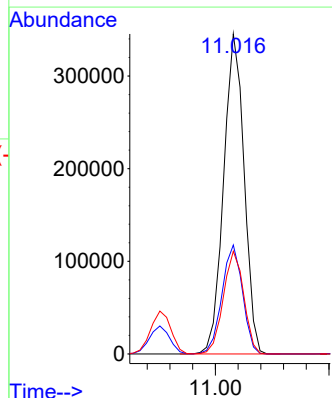
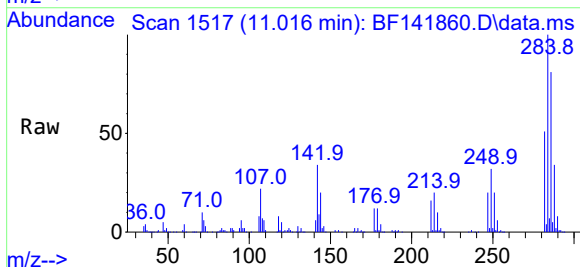
Instrument :
BNA_F
ClientSampleId :
PB166984BS

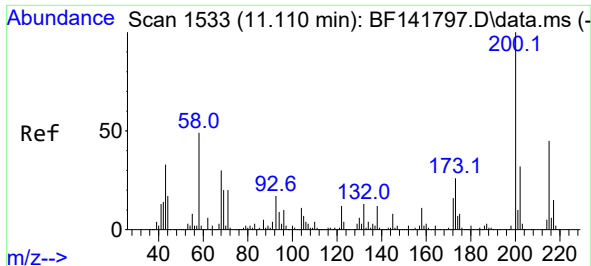
Tgt Ion:248 Resp: 391710
Ion Ratio Lower Upper
248 100
250 97.8 78.1 117.1
141 77.6 64.3 96.5



#68
Hexachlorobenzene
Concen: 43.76 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

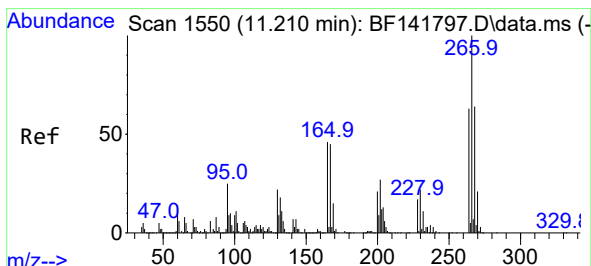
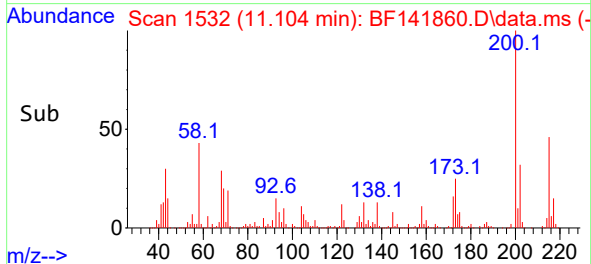
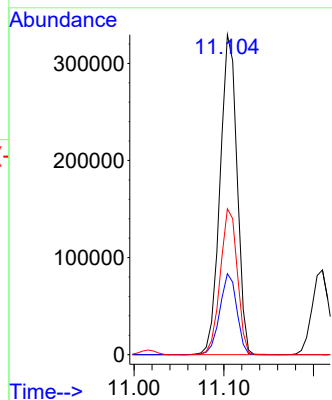
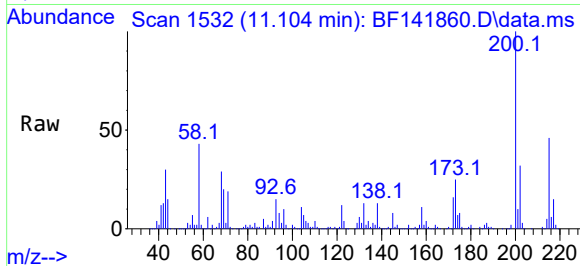




#69
 Atrazine
 Concen: 59.83 ng
 RT: 11.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

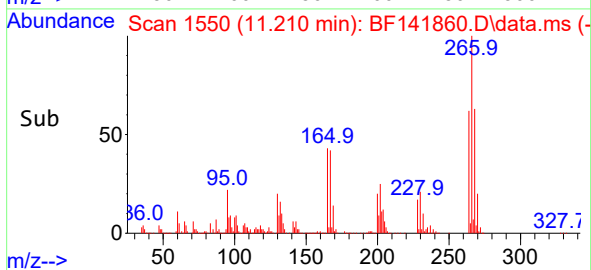
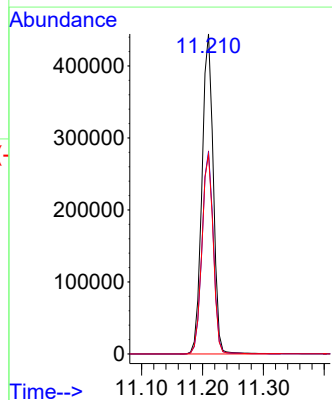
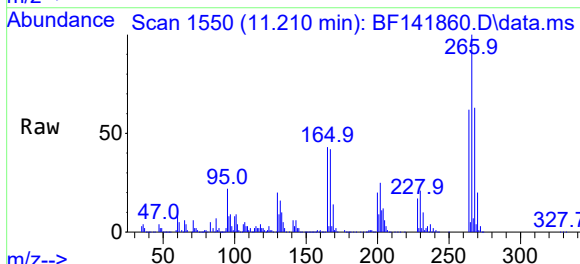
Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

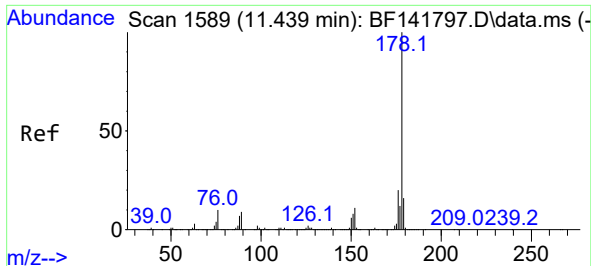
Tgt Ion:200 Resp: 433249
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.6 45.6
 215 45.6 25.3 65.3



#70
 Pentachlorophenol
 Concen: 91.52 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52 am

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

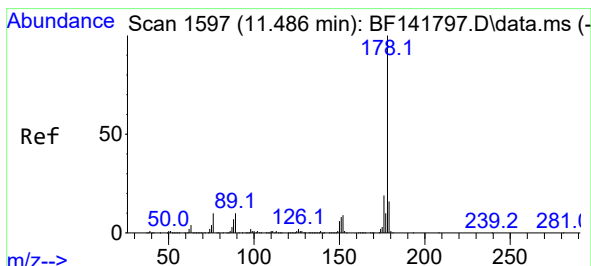
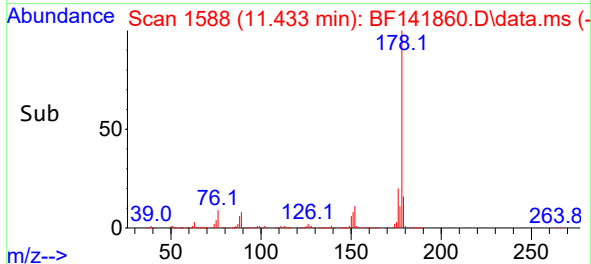
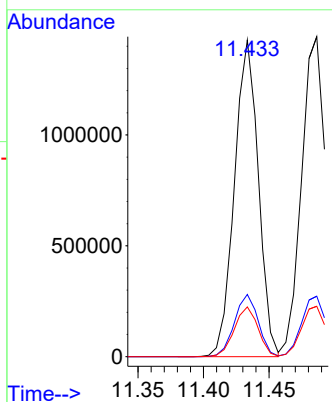
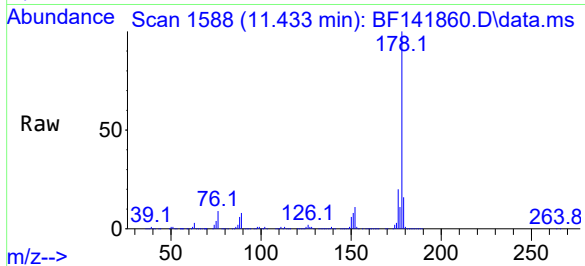




#71
Phenanthrene
Concen: 42.26 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

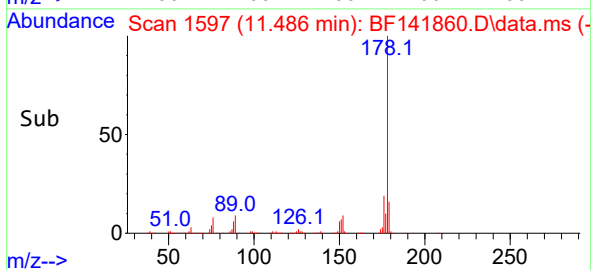
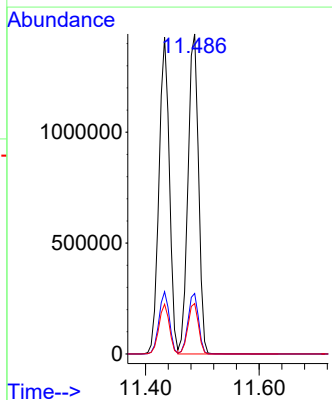
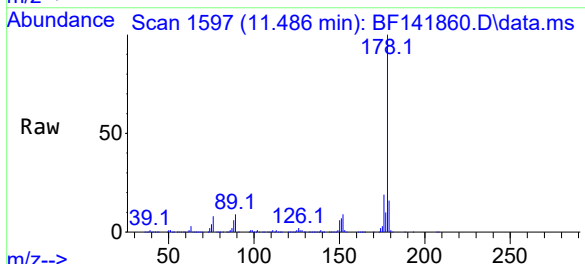
Instrument :
BNA_F
ClientSampleId :
PB166984BS

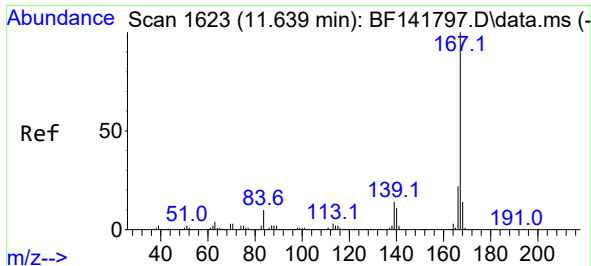
Tgt Ion:178 Resp: 1812700
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 43.15 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

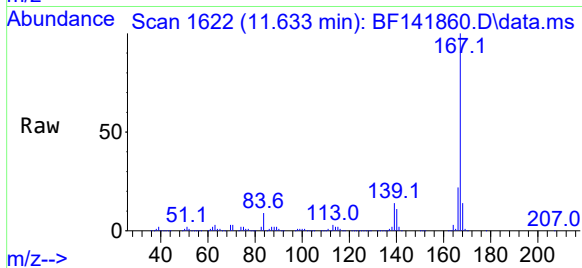
Tgt Ion:178 Resp: 1854922
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.8 12.8 19.2





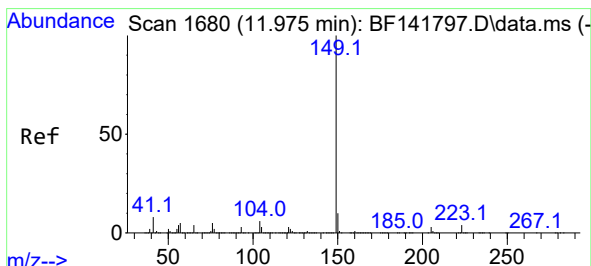
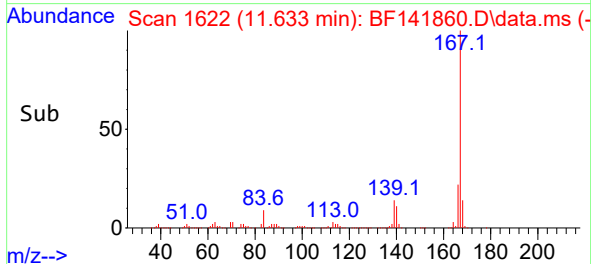
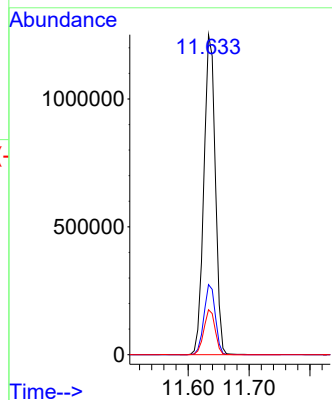
#73
 Carbazole
 Concen: 43.06 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS



Tgt Ion:167 Resp: 1634694

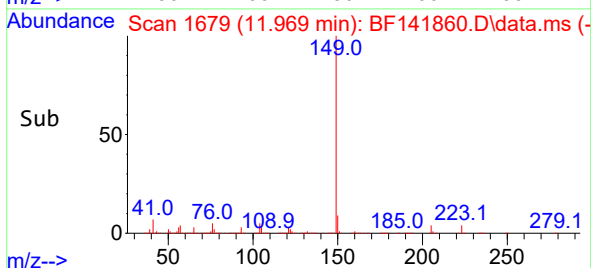
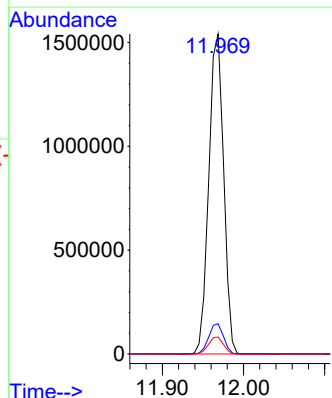
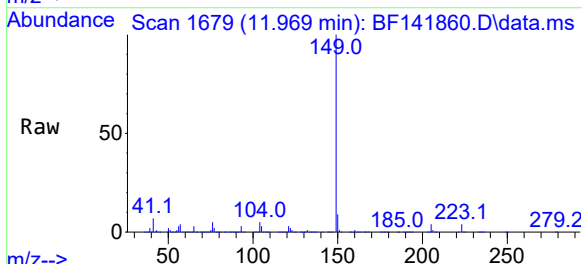
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	14.0	11.3	16.9

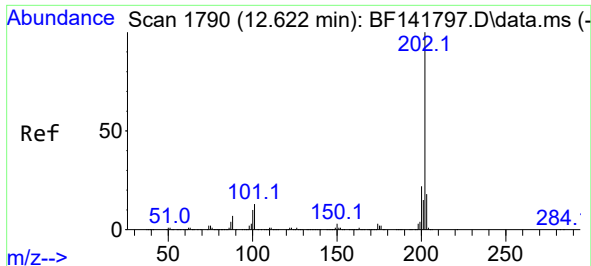


#74
 Di-n-butylphthalate
 Concen: 40.56 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52 am

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

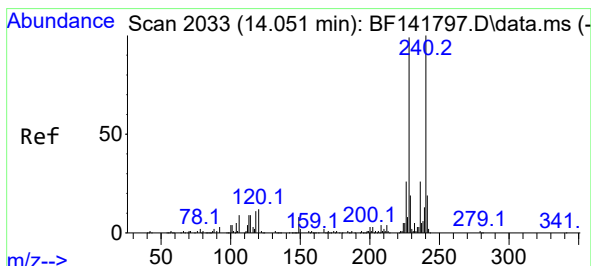
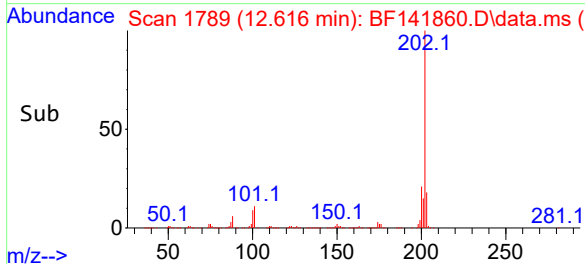
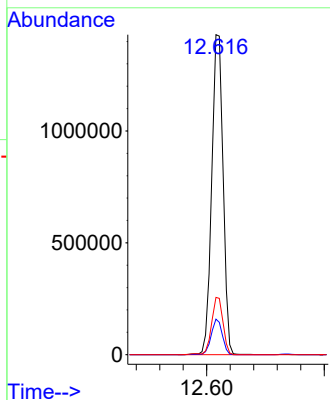
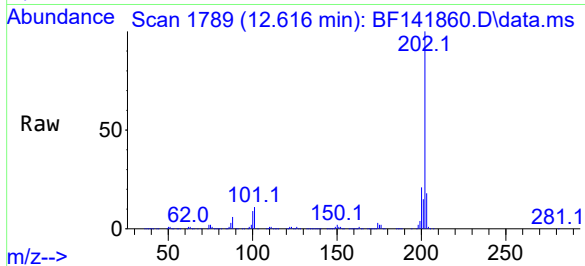




#75
Fluoranthene
Concen: 43.75 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

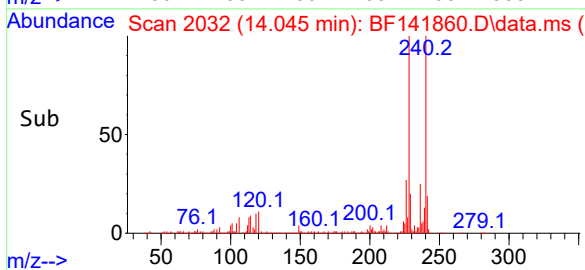
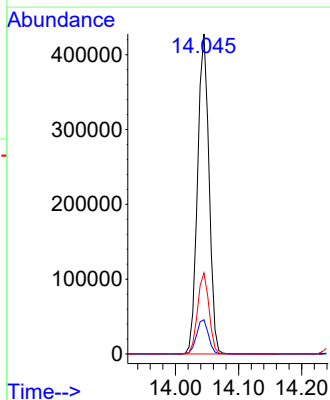
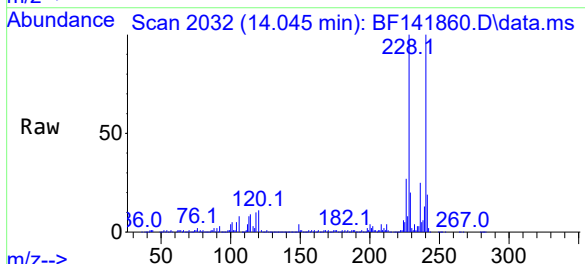
Instrument :
BNA_F
ClientSampleId :
PB166984BS

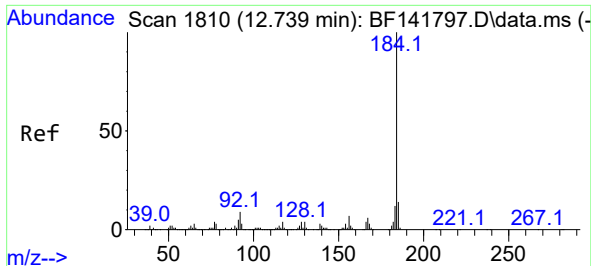
Tgt Ion:202 Resp: 1922924
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.8
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

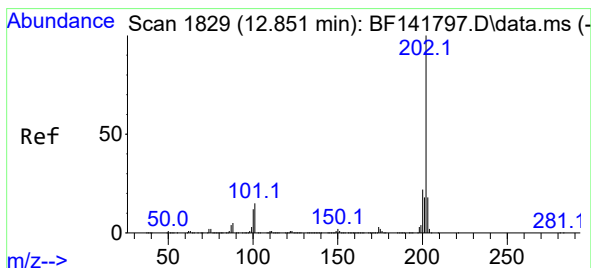
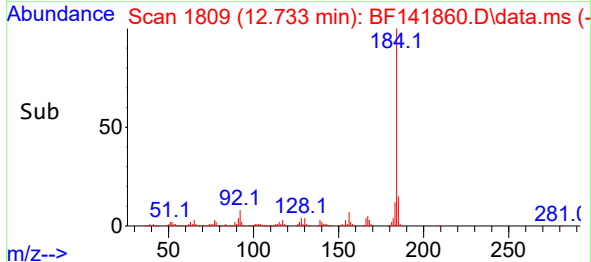
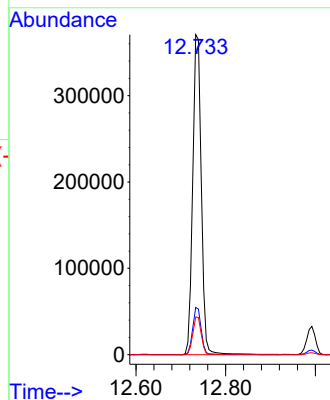
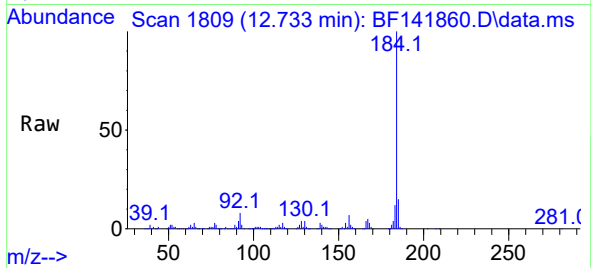




#77
Benzidine
Concen: 72.90 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

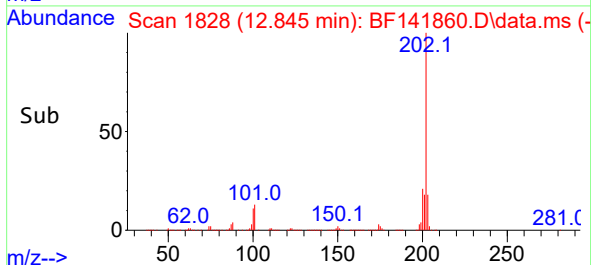
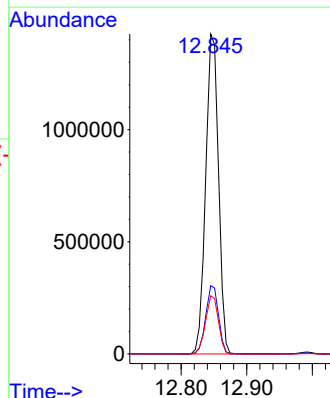
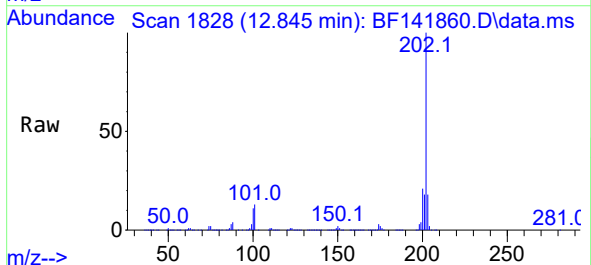
Instrument :
BNA_F
ClientSampleId :
PB166984BS

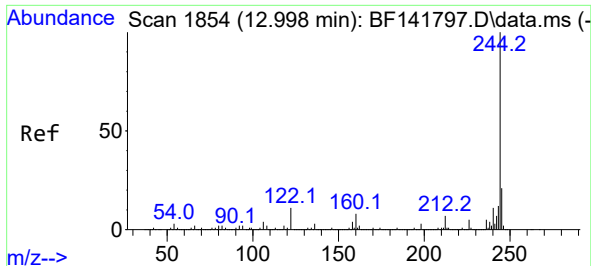
Tgt Ion:184 Resp: 493167
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.8 9.4 14.0



#78
Pyrene
Concen: 41.71 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

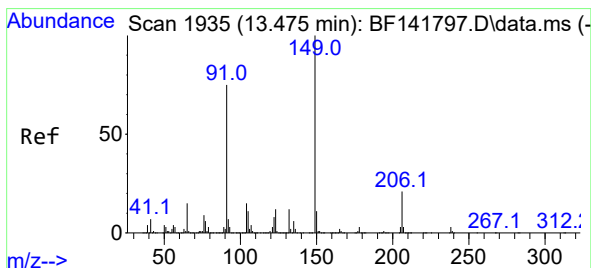
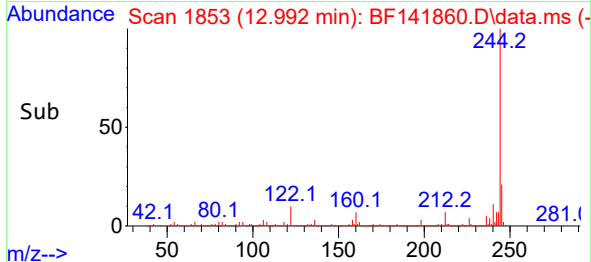
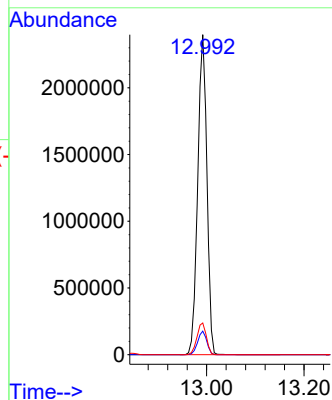
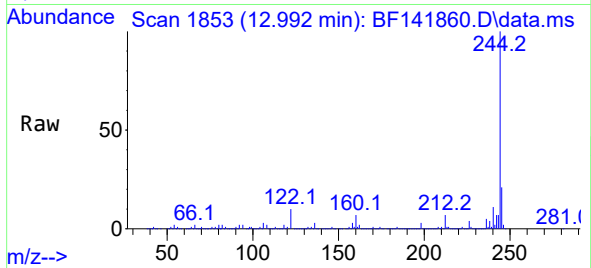




#79
 Terphenyl-d14
 Concen: 94.94 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52

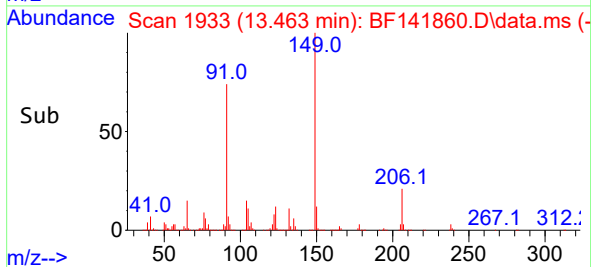
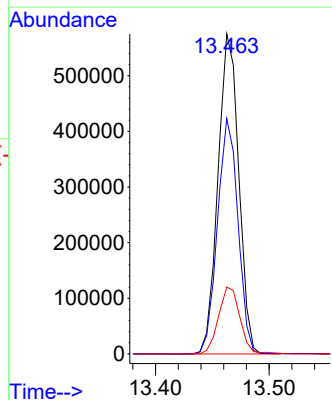
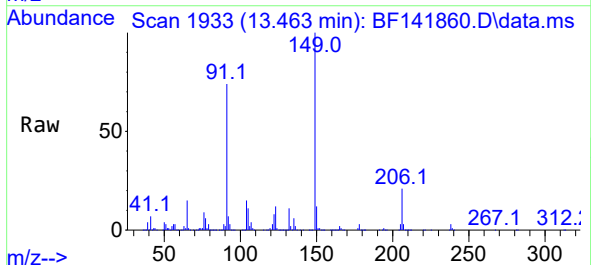
Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

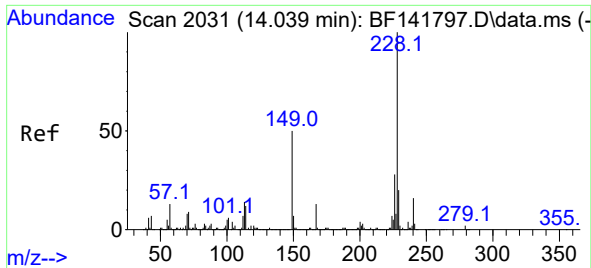
Tgt Ion:244 Resp: 3153921
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.9 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 43.18 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. -0.012 min
 Lab File: BF141860.D
 Acq: 06 Mar 2025 10:52 am

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

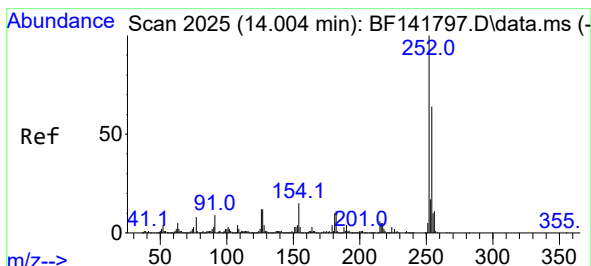
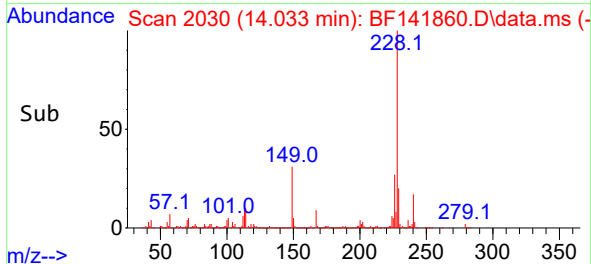
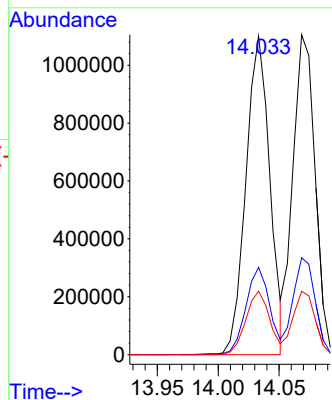
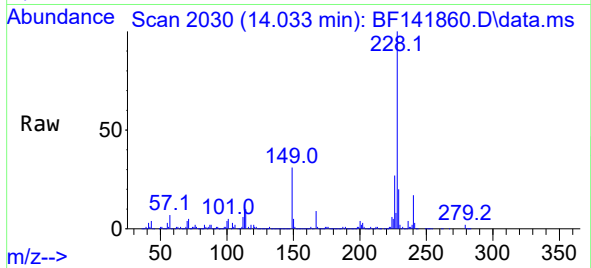




#81
Benzo(a)anthracene
Concen: 42.45 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

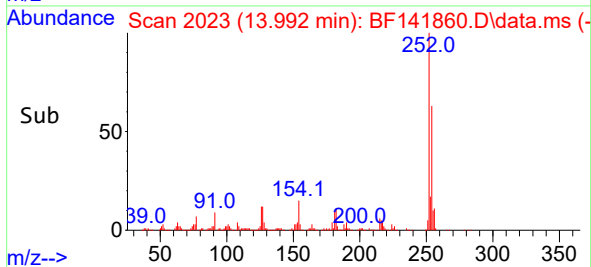
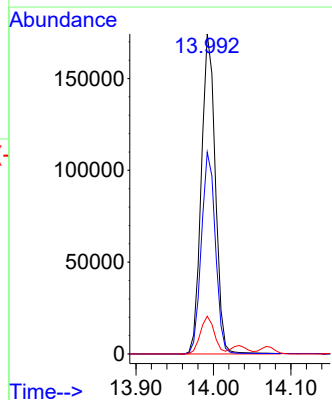
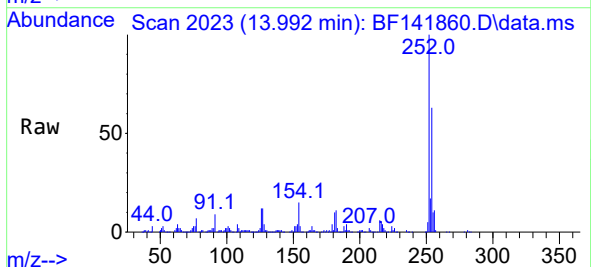
Instrument :
BNA_F
ClientSampleId :
PB166984BS

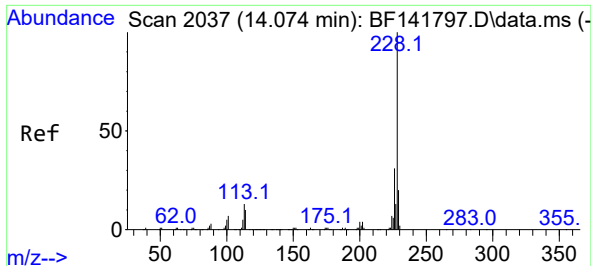
Tgt Ion:228 Resp: 1506856
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 21.56 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

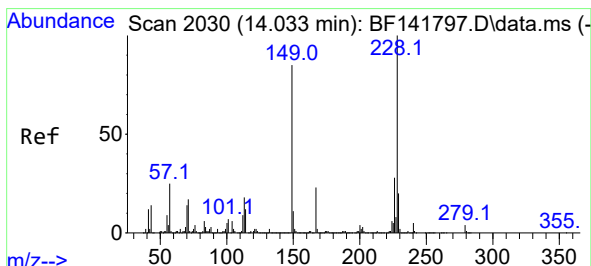
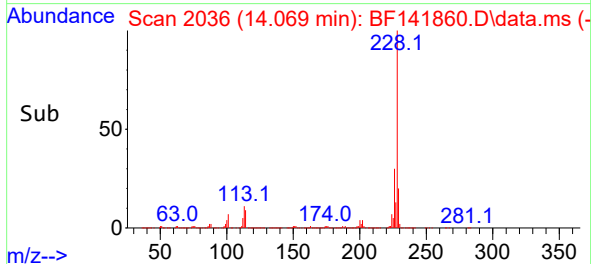
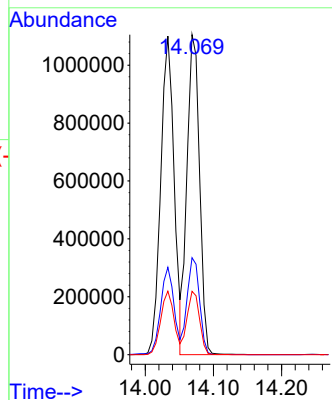
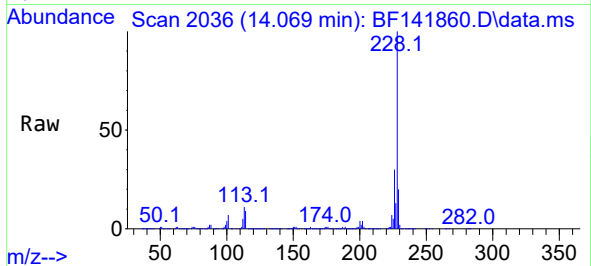




#83
Chrysene
Concen: 42.89 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

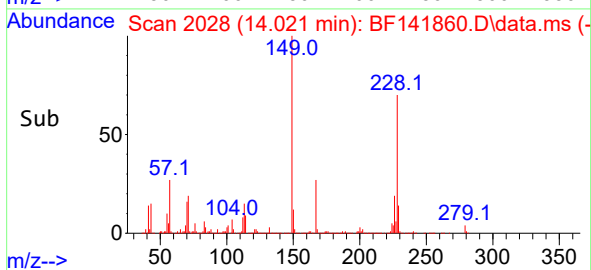
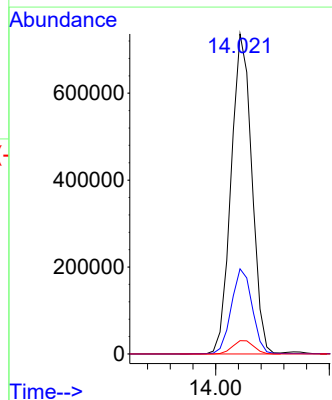
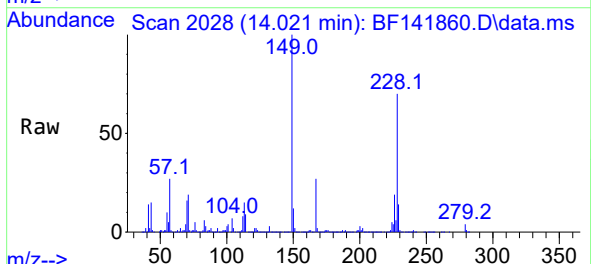
Instrument :
BNA_F
ClientSampleId :
PB166984BS

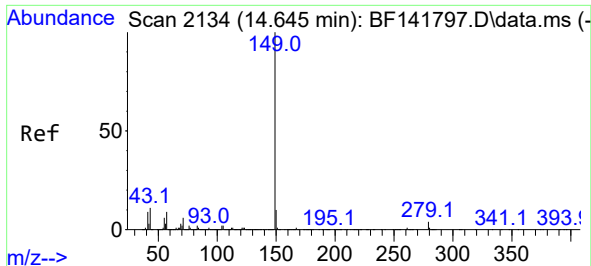
Tgt Ion:228 Resp: 1403466
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.8 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.29 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

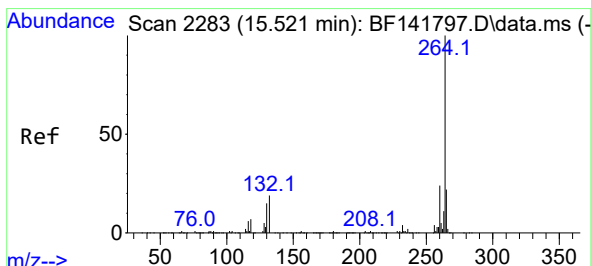
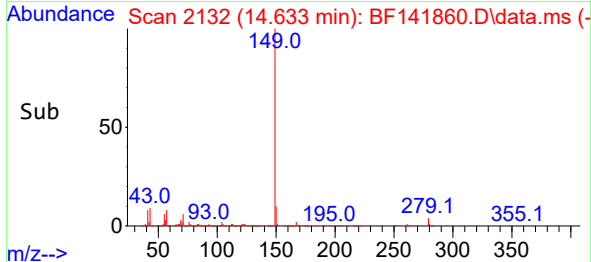
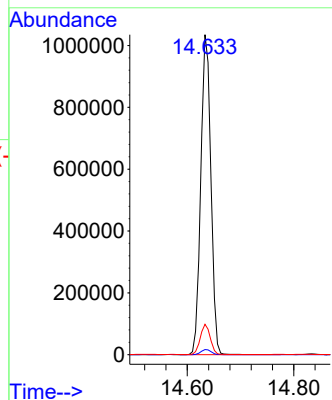
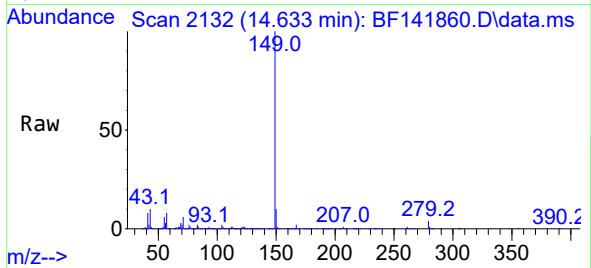




#85
Di-n-octyl phthalate
Concen: 43.15 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

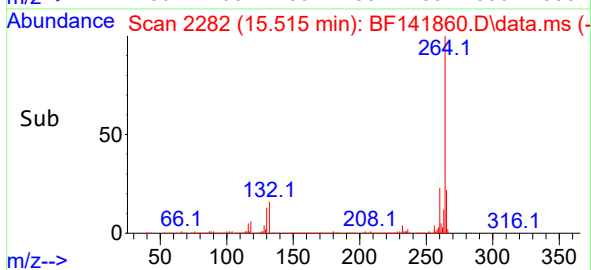
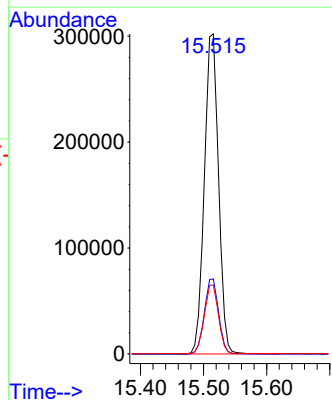
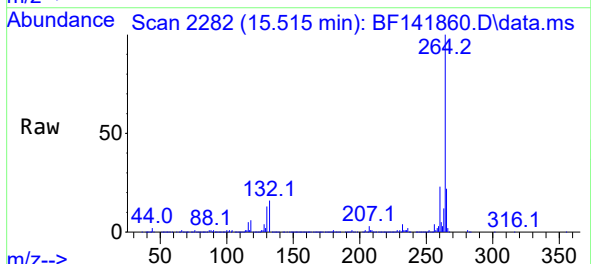
Instrument :
BNA_F
ClientSampleId :
PB166984BS

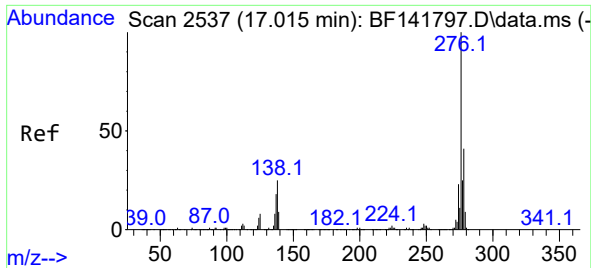
Tgt Ion:149 Resp: 1360035
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.3 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

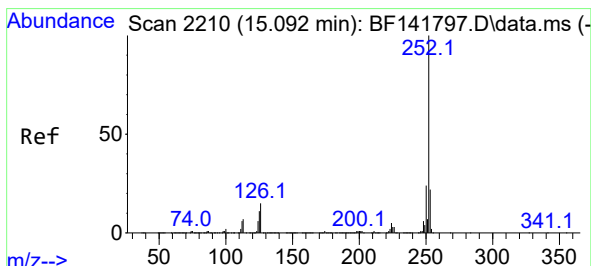
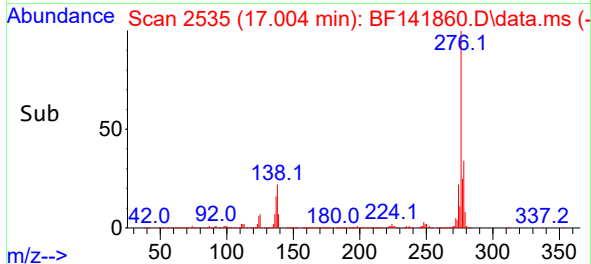
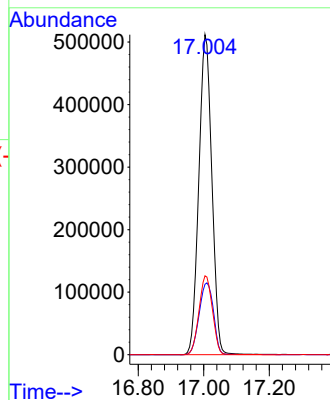
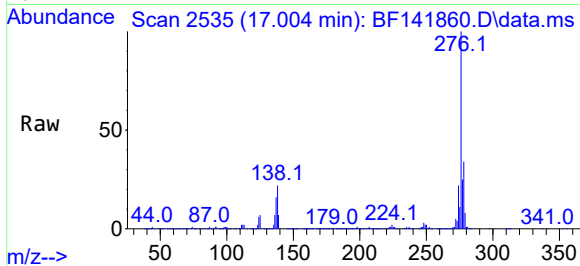




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.29 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

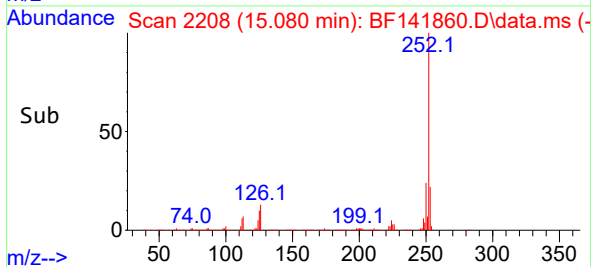
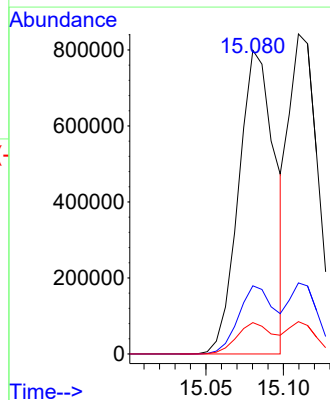
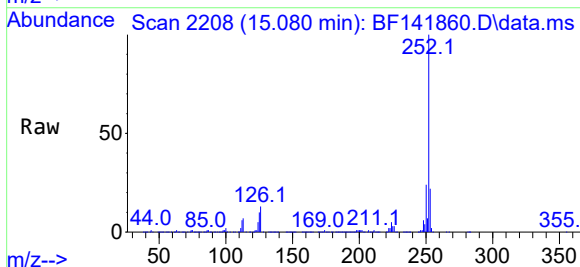
Instrument :
BNA_F
ClientSampleId :
PB166984BS

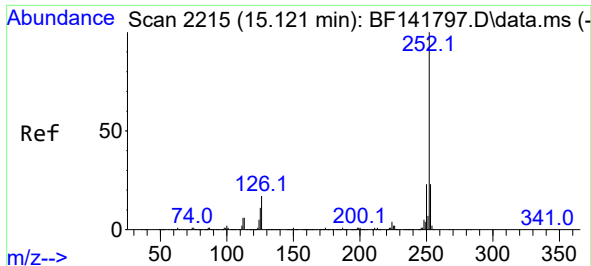
Tgt Ion:276 Resp: 1416313
Ion Ratio Lower Upper
276 100
138 24.8 22.5 33.7
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 40.49 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

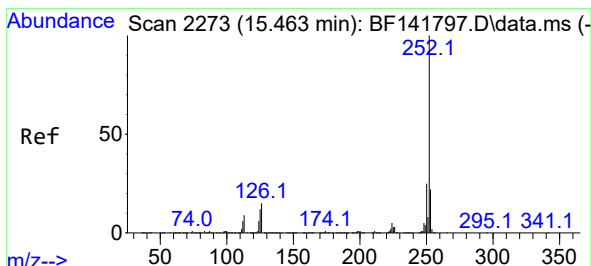
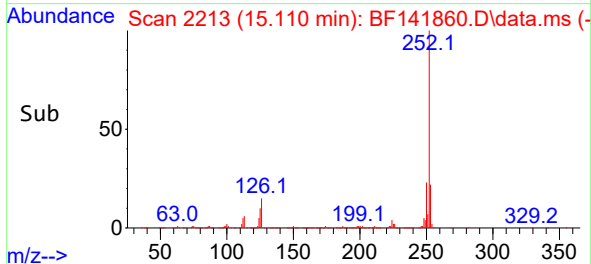
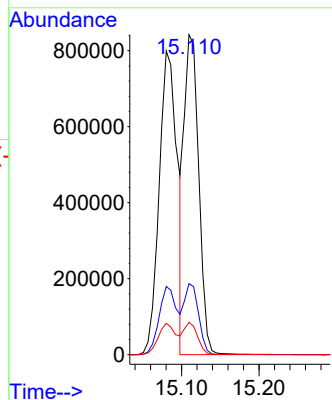
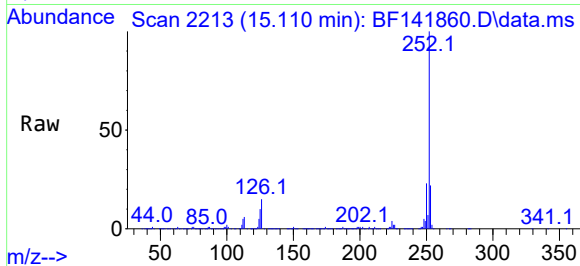




#89
Benzo(k)fluoranthene
Concen: 40.36 ng
RT: 15.110 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

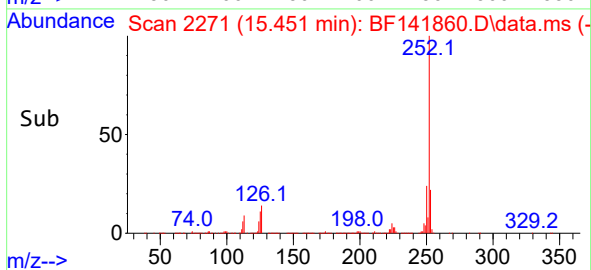
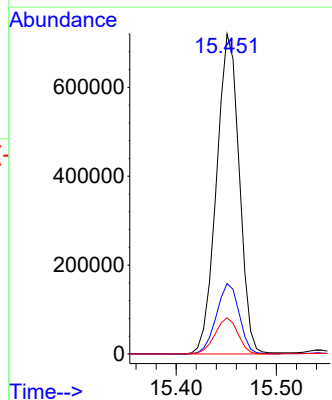
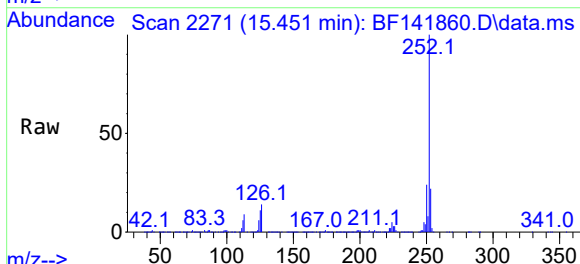
Instrument :
BNA_F
ClientSampleId :
PB166984BS

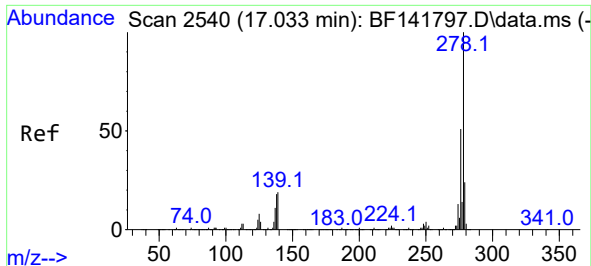
Tgt Ion:252 Resp: 1099133
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.1 8.8 13.2



#90
Benzo(a)pyrene
Concen: 44.25 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

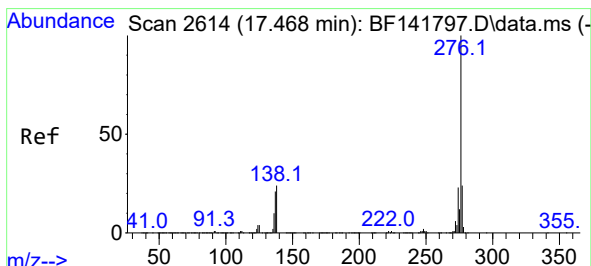
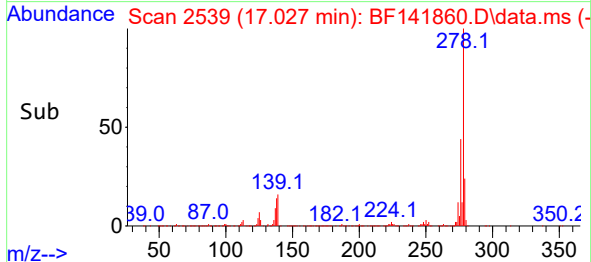
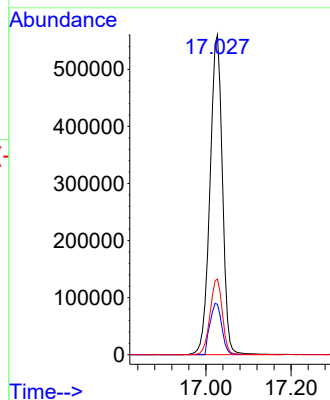
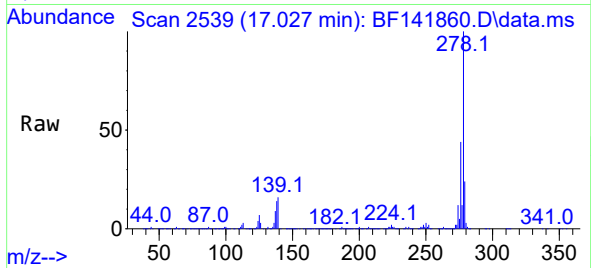




#91
Dibenzo(a,h)anthracene
Concen: 46.52 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52

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: 44.13 ng
RT: 17.457 min Scan# 2612
Delta R.T. -0.012 min
Lab File: BF141860.D
Acq: 06 Mar 2025 10:52 am

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

