

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142752.D
 Acq On : 12 Jun 2025 12:24
 Operator : RC/JU
 Sample : PB168412BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168412BS

Quant Time: Jun 12 12:53:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70254	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	263534	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	135007	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	200298	20.000	ng	0.00
76) Chrysene-d12	14.068	240	126361	20.000	ng	0.00
86) Perylene-d12	15.562	264	151059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	550277	133.402	ng	0.02
7) Phenol-d6	6.522	99	644996	132.866	ng	0.00
23) Nitrobenzene-d5	7.457	82	405741	84.260	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	187465	126.695	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	854214	84.060	ng	0.00
79) Terphenyl-d14	13.004	244	667261	72.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.745	88	64878	39.742	ng	100
3) Pyridine	3.504	79	176201	43.047	ng	100
4) n-Nitrosodimethylamine	3.463	42	101201	48.323	ng	97
6) Aniline	6.557	93	231658	35.654	ng	98
8) 2-Chlorophenol	6.675	128	216177	47.956	ng	99
9) Benzaldehyde	6.445	77	101783	33.857	ng	99
10) Phenol	6.539	94	247651	45.896	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	188334	46.728	ng	100
12) 1,3-Dichlorobenzene	6.833	146	237942	46.252	ng	99
13) 1,4-Dichlorobenzene	6.910	146	239155	45.999	ng	100
14) 1,2-Dichlorobenzene	7.063	146	230657	46.282	ng	99
15) Benzyl Alcohol	7.033	79	172289	46.956	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	289619	45.641	ng	94
17) 2-Methylphenol	7.145	107	162606	47.053	ng	100
18) Hexachloroethane	7.404	117	84945	45.591	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	139434	45.118	ng	99
20) 3+4-Methylphenols	7.298	107	203161	46.631	ng	97
22) Acetophenone	7.298	105	278879	47.573	ng	96
24) Nitrobenzene	7.475	77	207309	48.507	ng	98
25) Isophorone	7.716	82	370251	45.412	ng	98
26) 2-Nitrophenol	7.792	139	115535	48.439	ng	99
27) 2,4-Dimethylphenol	7.828	122	191665	47.198	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	234412	46.308	ng	99
29) 2,4-Dichlorophenol	8.033	162	177040	47.240	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	195295	47.159	ng	98
31) Naphthalene	8.198	128	612579	47.001	ng	100
32) Benzoic acid	7.945	122	106068	46.379	ng	99
33) 4-Chloroaniline	8.245	127	102227	19.535	ng	99
34) Hexachlorobutadiene	8.316	225	123788	46.908	ng	99
35) Caprolactam	8.616	113	47490	46.945	ng	99
36) 4-Chloro-3-methylphenol	8.727	107	174531	44.788	ng	99
37) 2-Methylnaphthalene	8.886	142	379095	45.954	ng	99
38) 1-Methylnaphthalene	8.986	142	392842	45.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	193486	49.517	ng	98
41) Hexachlorocyclopentadiene	9.045	237	249904	99.646	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	123547	48.844	ng	98

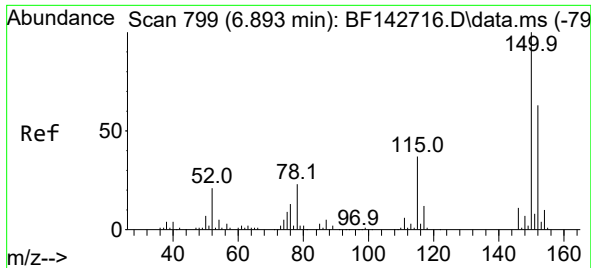
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	131553	48.154	ng	99
46) 1,1'-Biphenyl	9.357	154	513080	48.942	ng	99
47) 2-Chloronaphthalene	9.380	162	382212	49.487	ng	99
48) 2-Nitroaniline	9.474	65	106939	48.682	ng	100
49) Acenaphthylene	9.798	152	622304	47.786	ng	100
50) Dimethylphthalate	9.657	163	422487	46.862	ng	100
51) 2,6-Dinitrotoluene	9.716	165	93094	47.777	ng	96
52) Acenaphthene	9.969	154	417851	51.751	ng	100
53) 3-Nitroaniline	9.886	138	56504	26.736	ng	99
54) 2,4-Dinitrophenol	9.998	184	101399	95.002	ng	90
55) Dibenzofuran	10.139	168	542318	47.167	ng	99
56) 4-Nitrophenol	10.051	139	130904	91.325	ng	98
57) 2,4-Dinitrotoluene	10.121	165	123550	47.958	ng	99
58) Fluorene	10.480	166	417667	46.001	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	105737	46.005	ng	99
60) Diethylphthalate	10.351	149	402883	45.067	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	202374	45.639	ng	99
62) 4-Nitroaniline	10.504	138	85606	45.277	ng	98
63) Azobenzene	10.633	77	357398	45.776	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	62580	49.892	ng	99
66) n-Nitrosodiphenylamine	10.592	169	355242	51.597	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	121094	51.218	ng	97
68) Hexachlorobenzene	11.033	284	130979	49.908	ng	99
69) Atrazine	11.116	200	96252	52.436	ng	100
70) Pentachlorophenol	11.227	266	136940	99.542	ng	99
71) Phenanthrene	11.445	178	536254	49.974	ng	99
72) Anthracene	11.498	178	546021	49.188	ng	99
73) Carbazole	11.651	167	464740	50.009	ng	100
74) Di-n-butylphthalate	11.980	149	513570	49.492	ng	100
75) Fluoranthene	12.639	202	498713	48.875	ng	99
77) Benzidine	12.757	184	168924	37.537	ng	100
78) Pyrene	12.868	202	492964	41.980	ng	99
80) Butylbenzylphthalate	13.480	149	183651	52.887	ng	99
81) Benzo(a)anthracene	14.057	228	424285	50.670	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	77747	28.793	ng	99
83) Chrysene	14.092	228	385641	49.883	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	270044	51.819	ng	99
85) Di-n-octyl phthalate	14.656	149	497923	49.802	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	537789	48.041	ng	99
88) Benzo(b)fluoranthene	15.121	252	433821	48.774	ng	99
89) Benzo(k)fluoranthene	15.151	252	442483	51.272	ng	100
90) Benzo(a)pyrene	15.498	252	436148	51.573	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	439987	48.136	ng	99
92) Benzo(g,h,i)perylene	17.539	276	431413	47.464	ng	99

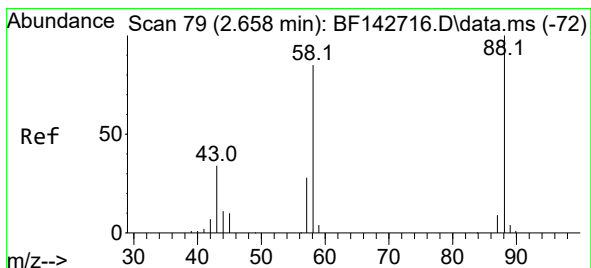
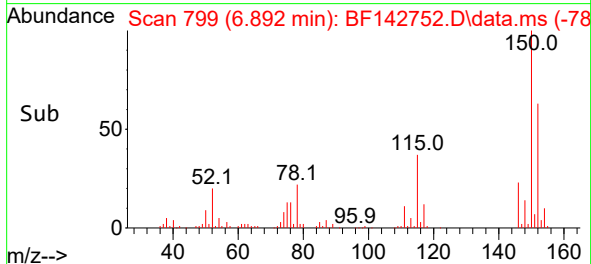
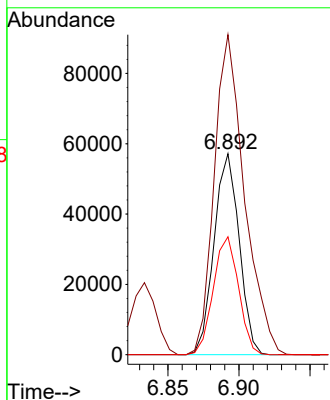
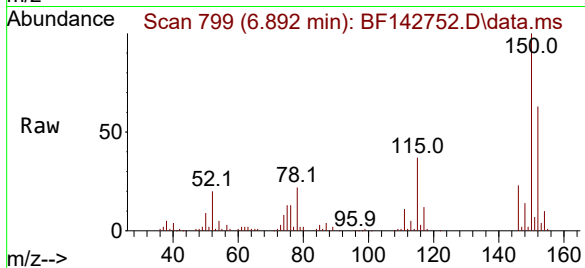
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

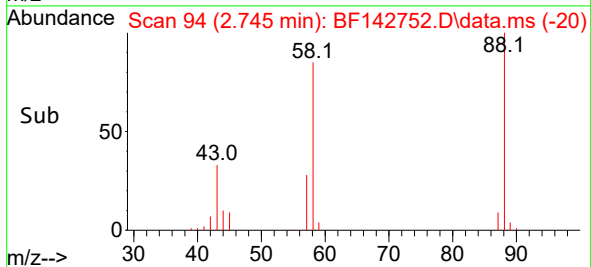
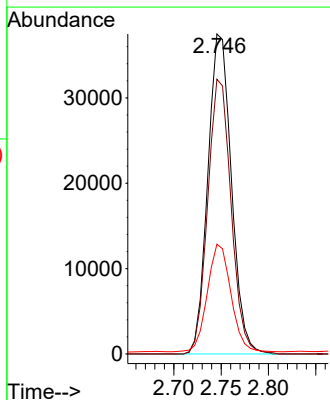
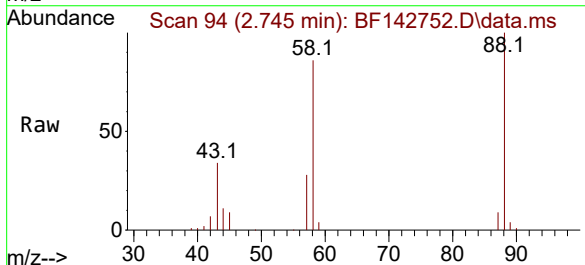
Instrument :
 BNA_F
 ClientSampleId :
 PB168412BS

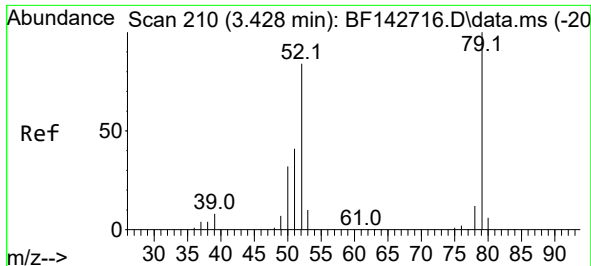
Tgt Ion:152 Resp: 70254
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.9 190.3
 115 58.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 39.742 ng
 RT: 2.745 min Scan# 94
 Delta R.T. 0.088 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

Tgt Ion: 88 Resp: 64878
 Ion Ratio Lower Upper
 88 100
 58 85.2 68.4 102.6
 43 33.5 27.0 40.6

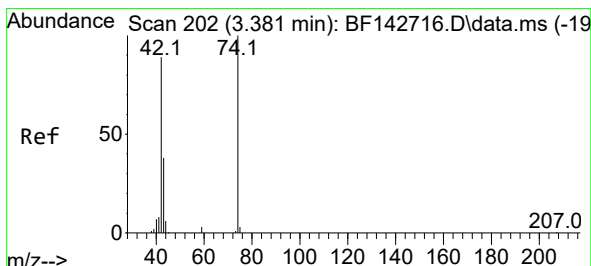
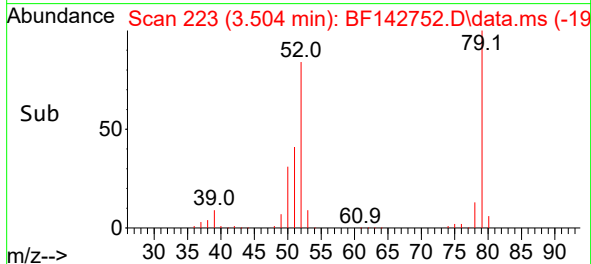
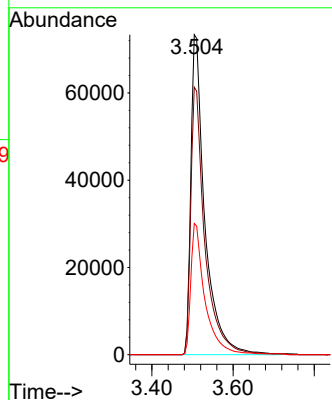
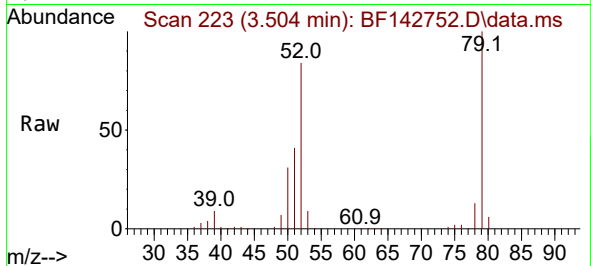




#3
Pyridine
Concen: 43.047 ng
RT: 3.504 min Scan# 210
Delta R.T. 0.076 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

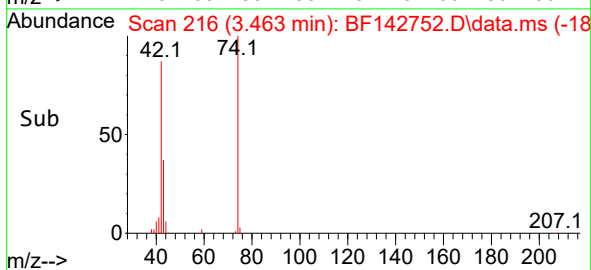
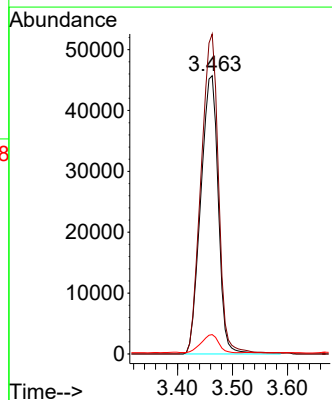
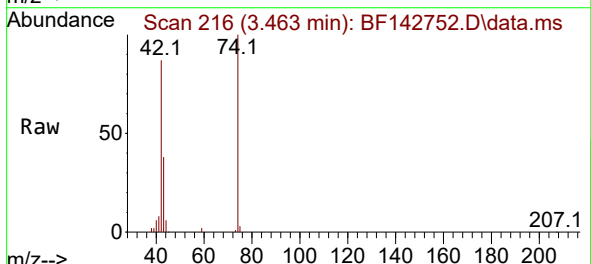
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BNA_F
ClientSampleId :
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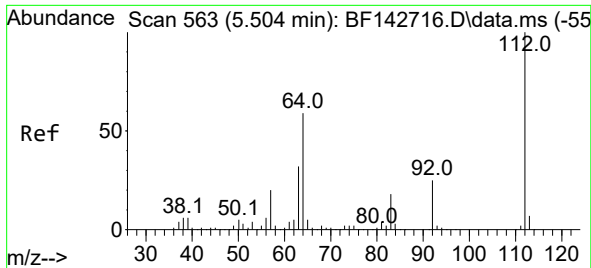
Tgt Ion: 79 Resp: 176201
Ion Ratio Lower Upper
79 100
52 83.6 67.1 100.7
51 41.0 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 48.323 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion: 42 Resp: 101201
Ion Ratio Lower Upper
42 100
74 115.0 89.6 134.4
44 7.0 5.4 8.2

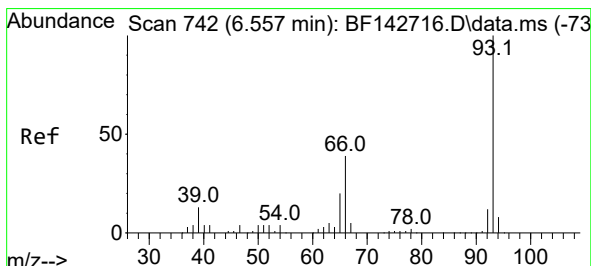
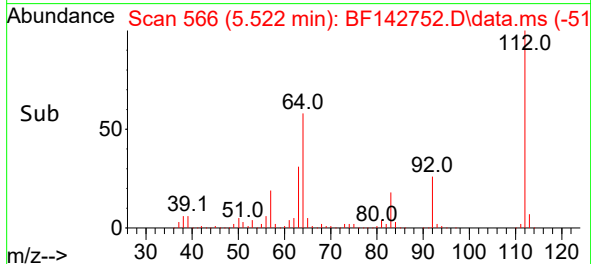
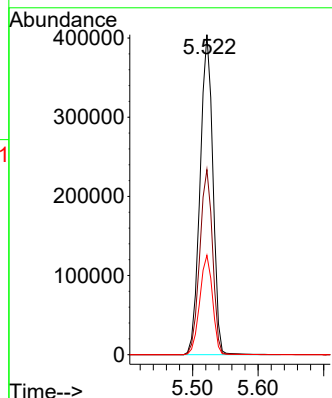
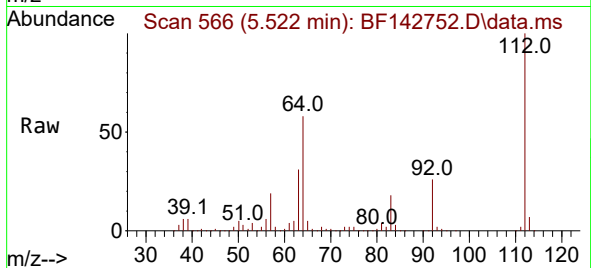




#5
2-Fluorophenol
Concen: 133.402 ng
RT: 5.522 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

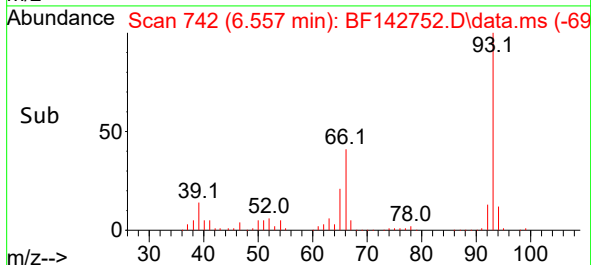
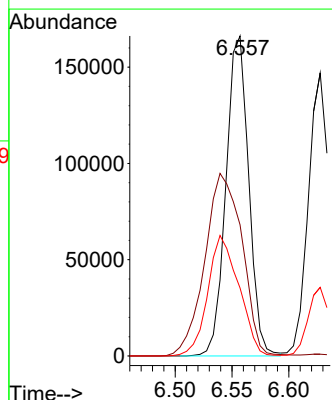
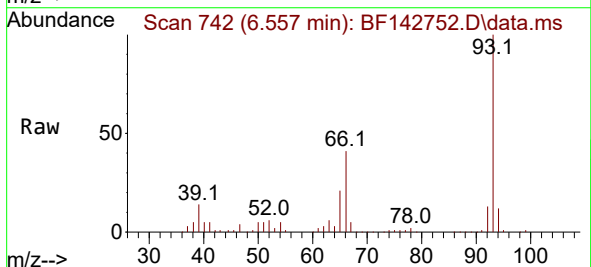
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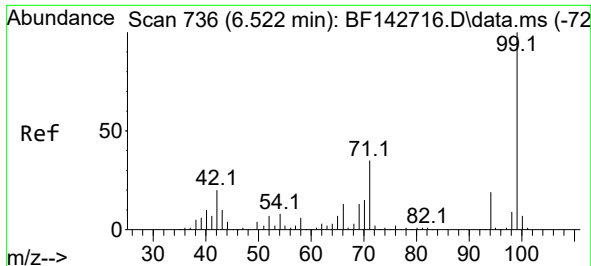
Tgt Ion:112 Resp: 550277
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 31.1 25.4 38.0



#6
Aniline
Concen: 35.654 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion: 93 Resp: 231658
Ion Ratio Lower Upper
93 100
66 41.0 32.0 48.0
65 21.3 16.1 24.1

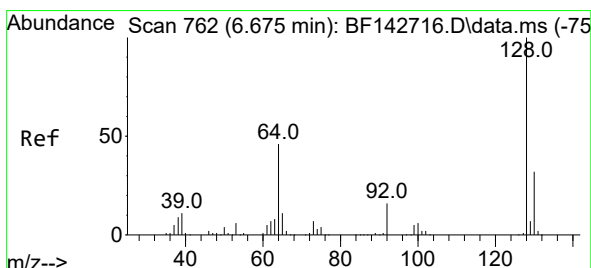
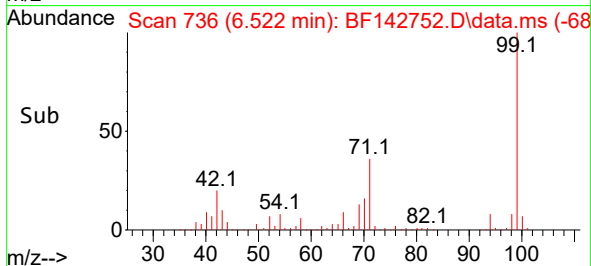
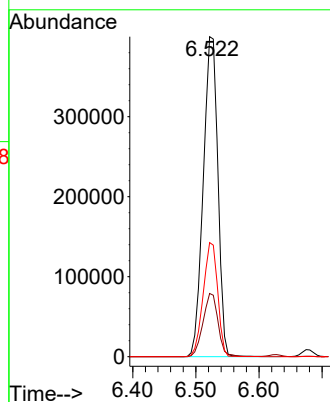
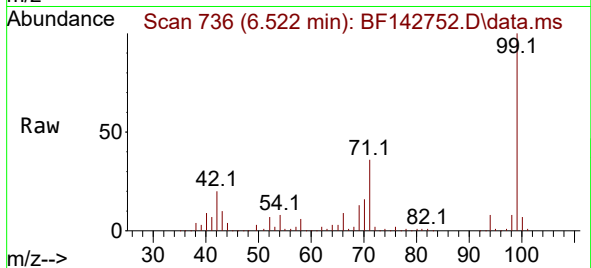




#7
Phenol-d6
Concen: 132.866 ng
RT: 6.522 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

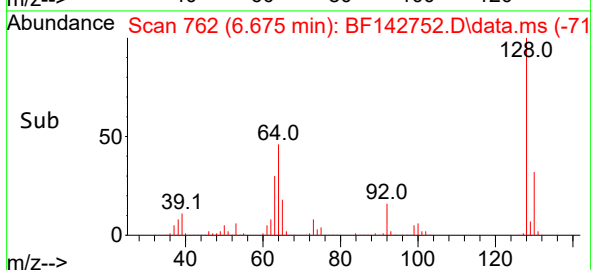
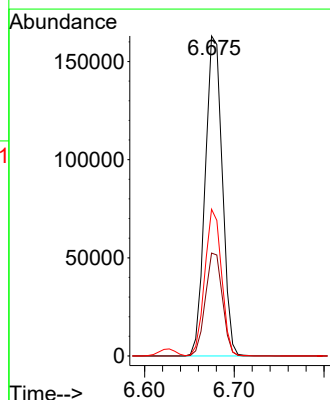
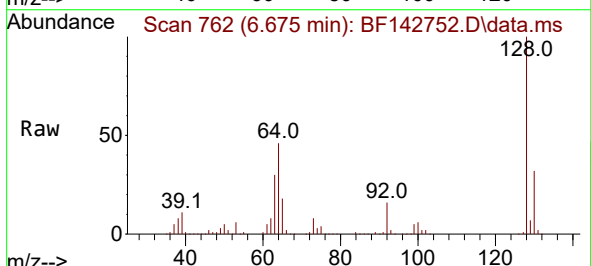
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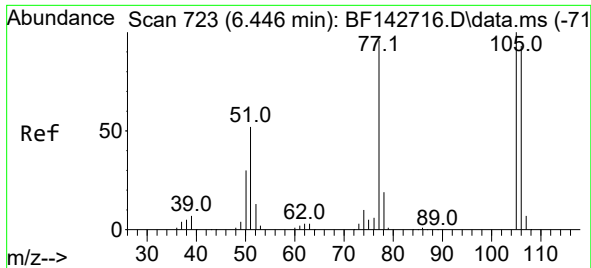
Tgt Ion: 99 Resp: 644996
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.7 28.0 42.0



#8
2-Chlorophenol
Concen: 47.956 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:128 Resp: 216177
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 45.9 26.5 66.5

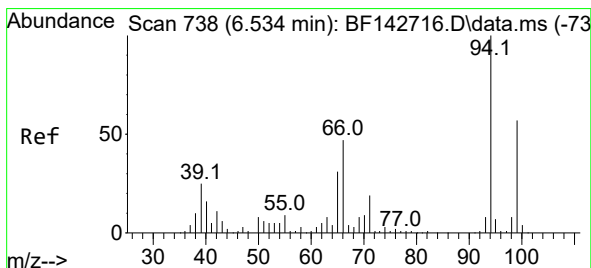
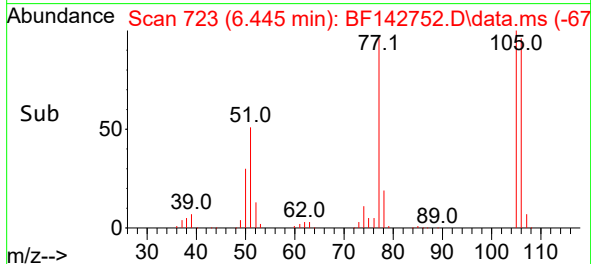
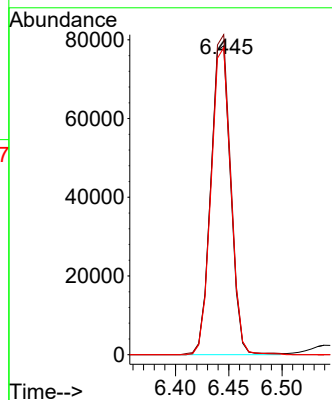
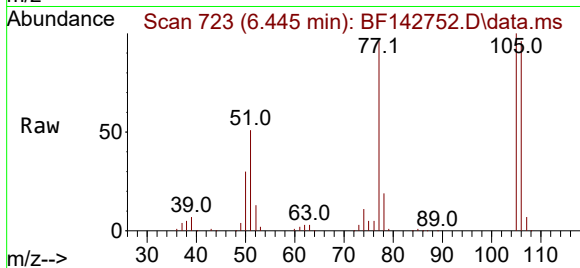




#9
Benzaldehyde
Concen: 33.857 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

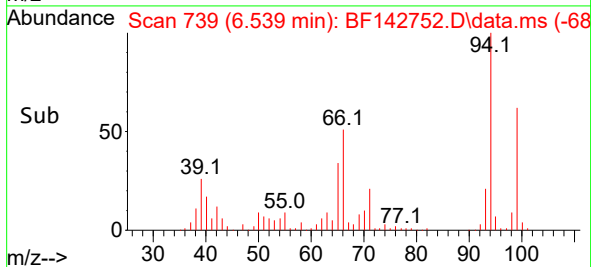
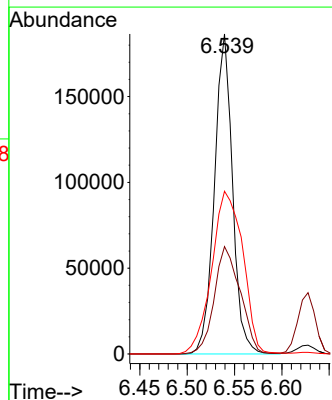
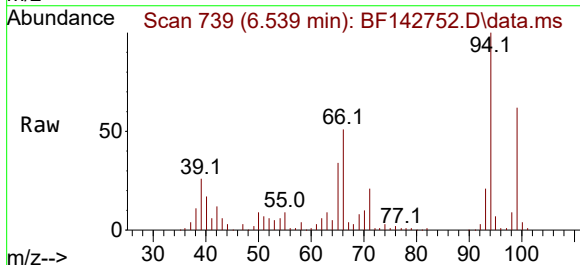
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BNA_F
ClientSampleId :
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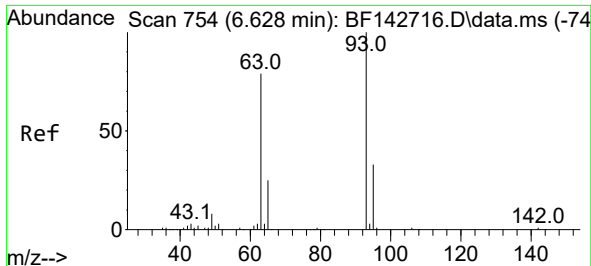
Tgt Ion: 77 Resp: 101783
Ion Ratio Lower Upper
77 100
105 103.7 84.1 124.1
106 99.5 77.2 117.2



#10
Phenol
Concen: 45.896 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion: 94 Resp: 247651
Ion Ratio Lower Upper
94 100
65 33.5 11.4 51.4
66 50.8 26.7 66.7

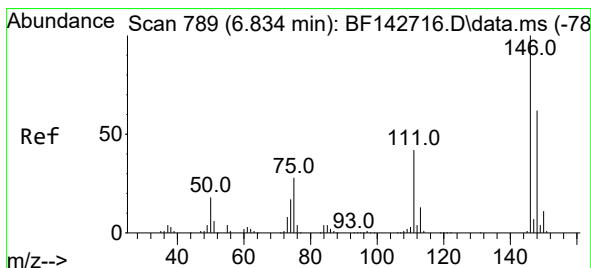
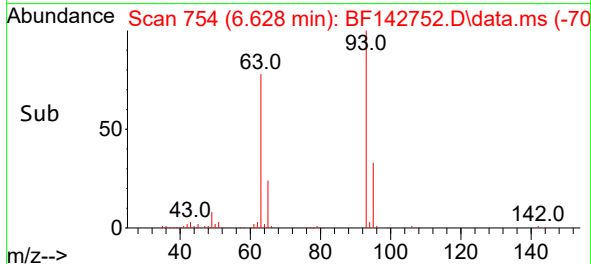
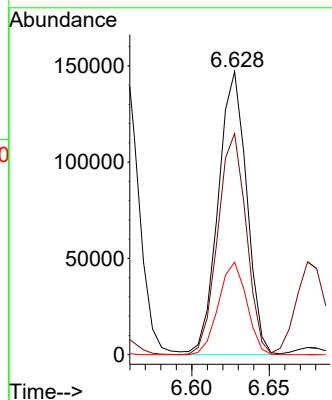
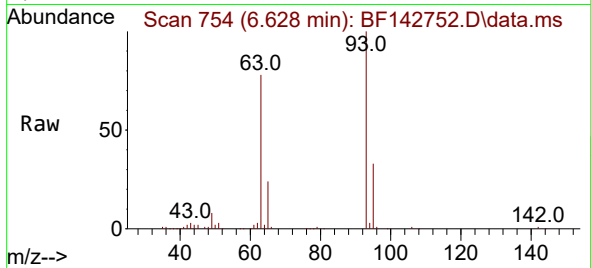




#11
bis(2-Chloroethyl)ether
Concen: 46.728 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

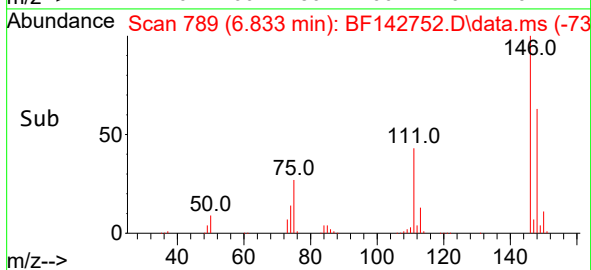
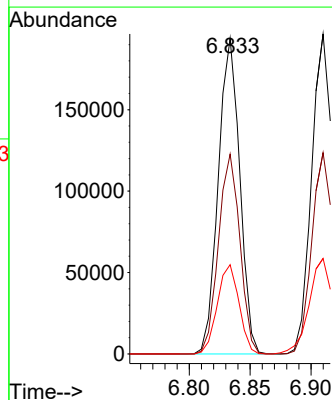
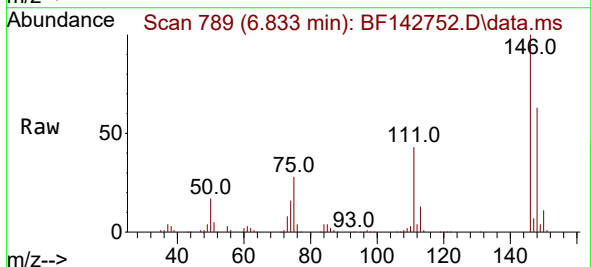
Instrument :
BNA_F
ClientSampleId :
PB168412BS

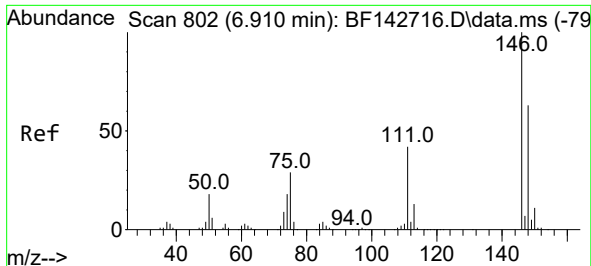
Tgt Ion: 93 Resp: 188334
Ion Ratio Lower Upper
93 100
63 78.1 58.3 98.3
95 32.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 46.252 ng
RT: 6.833 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:146 Resp: 237942
Ion Ratio Lower Upper
146 100
148 63.3 49.9 74.9
75 28.3 22.6 34.0

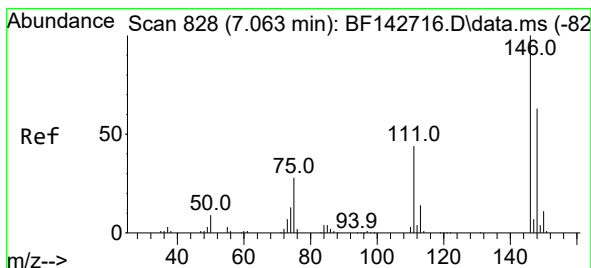
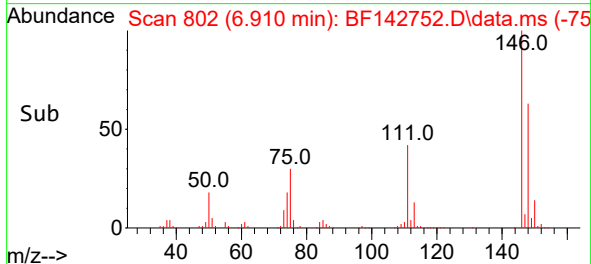
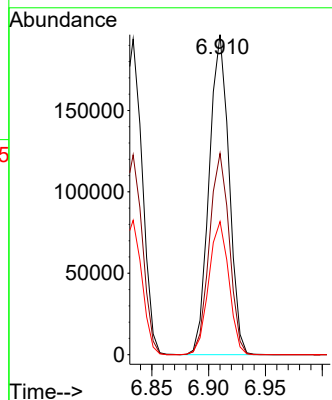
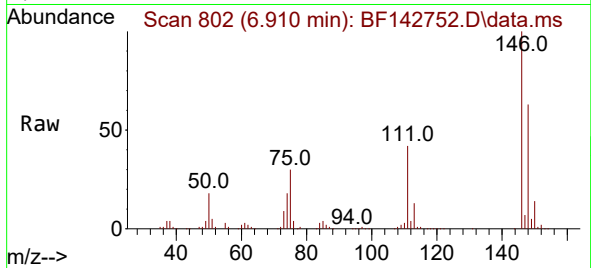




#13
1,4-Dichlorobenzene
Concen: 45.999 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

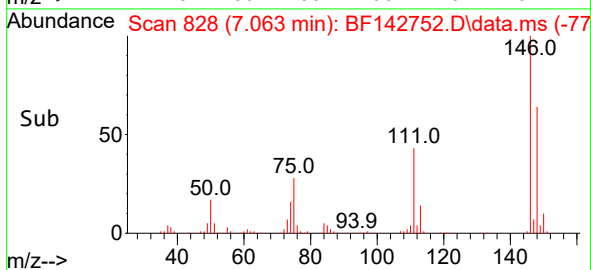
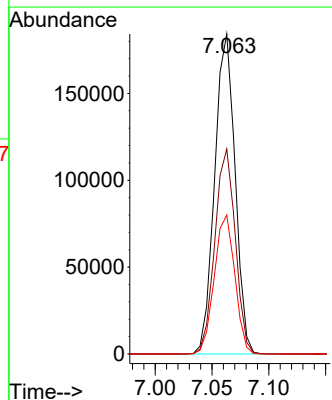
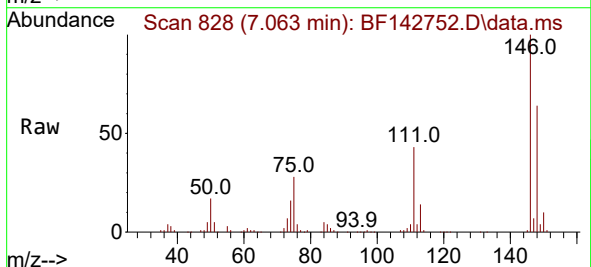
Instrument :
BNA_F
ClientSampleId :
PB168412BS

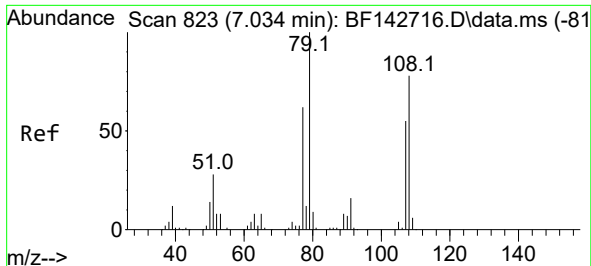
Tgt Ion:146 Resp: 239155
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
111 41.6 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 46.282 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:146 Resp: 230657
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 43.4 35.2 52.8

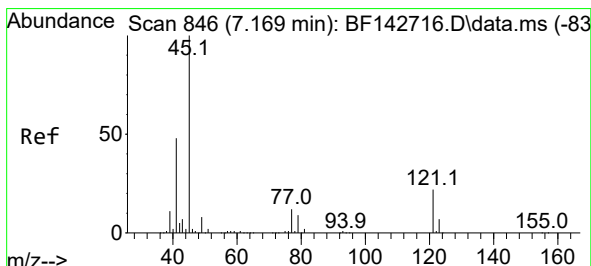
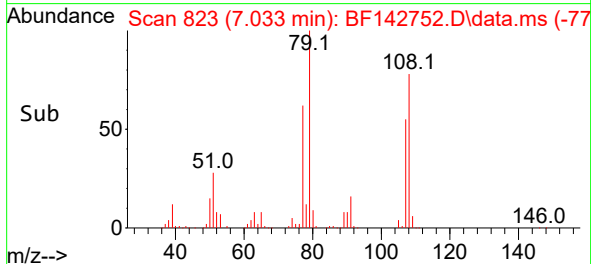
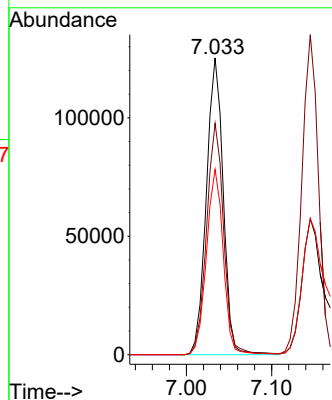
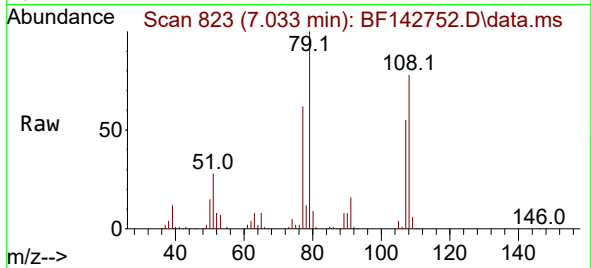




#15
Benzyl Alcohol
Concen: 46.956 ng
RT: 7.033 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

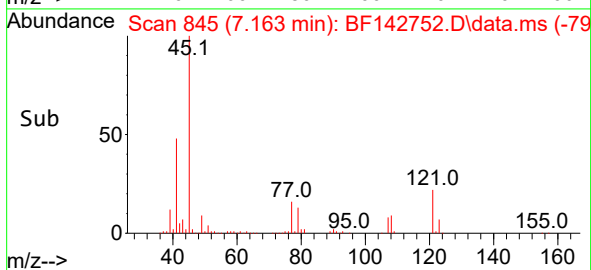
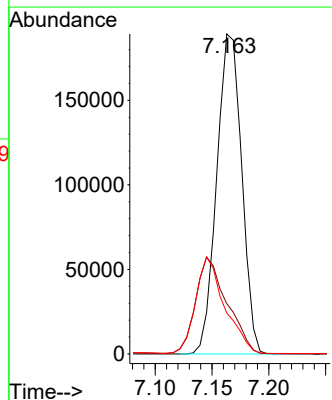
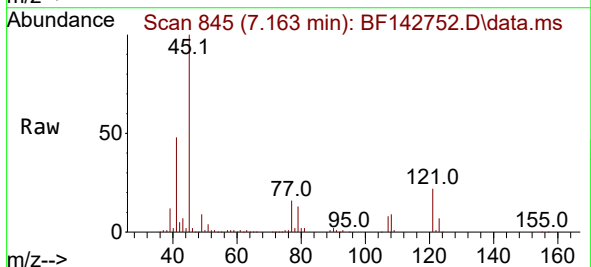
Instrument :
BNA_F
ClientSampleId :
PB168412BS

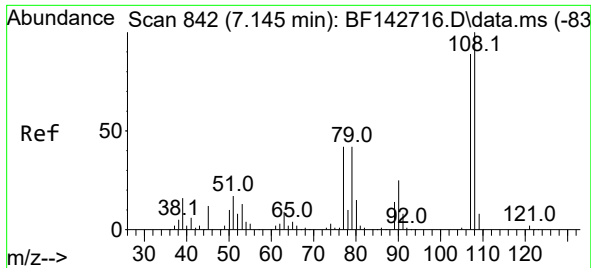
Tgt Ion: 79 Resp: 172289
Ion Ratio Lower Upper
79 100
108 78.0 62.6 94.0
77 62.4 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.641 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion: 45 Resp: 289619
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.1
79 12.8 0.0 30.5

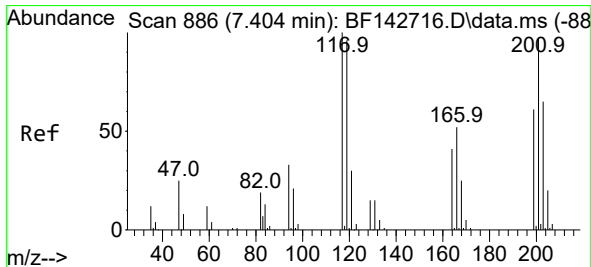
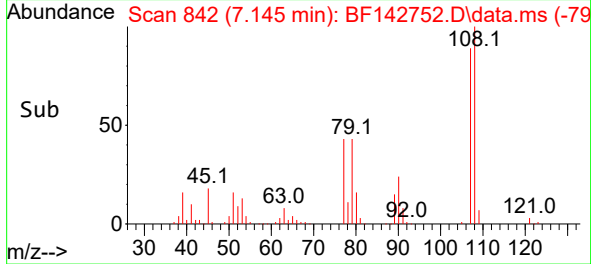
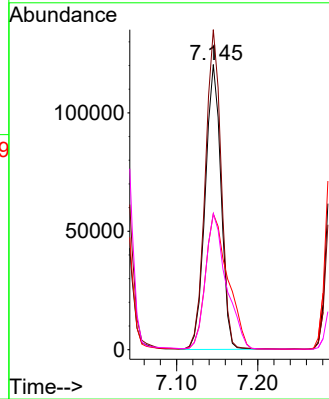
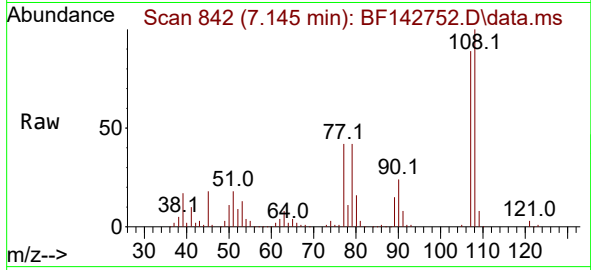




#17
2-Methylphenol
Concen: 47.053 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

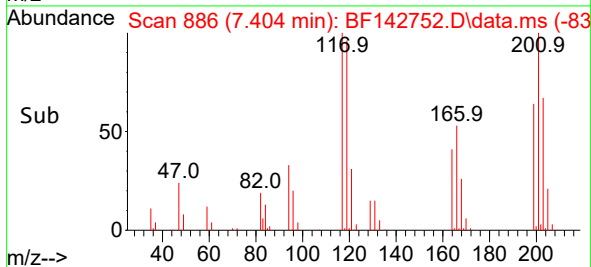
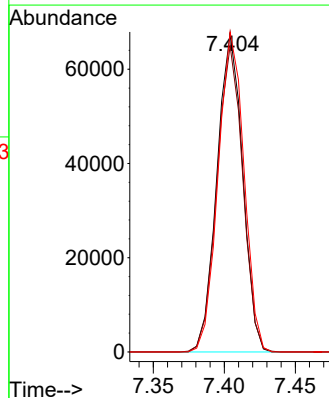
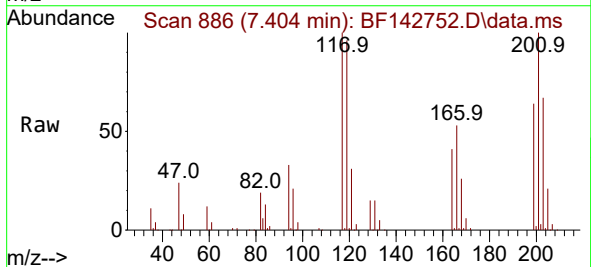
Instrument :
BNA_F
ClientSampleId :
PB168412BS

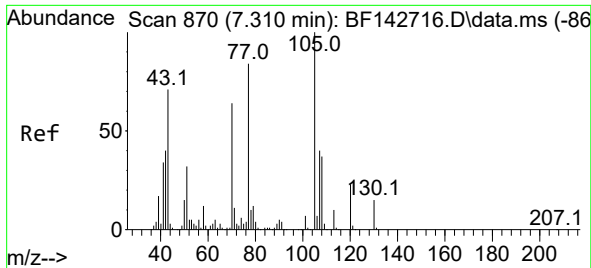
Tgt Ion:107 Resp: 162606
Ion Ratio Lower Upper
107 100
108 112.2 90.0 135.0
77 47.6 38.2 57.2
79 47.7 37.8 56.6



#18
Hexachloroethane
Concen: 45.591 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:117 Resp: 84945
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
201 100.3 77.8 116.6

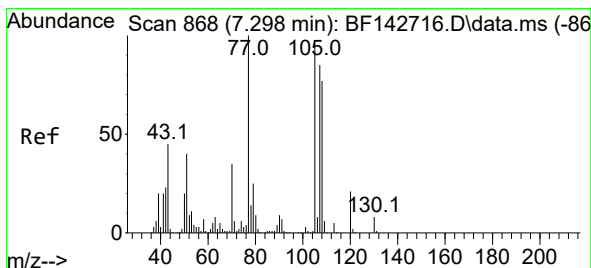
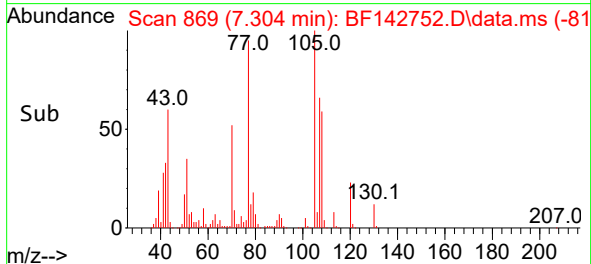
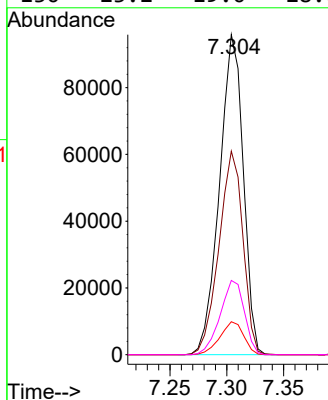
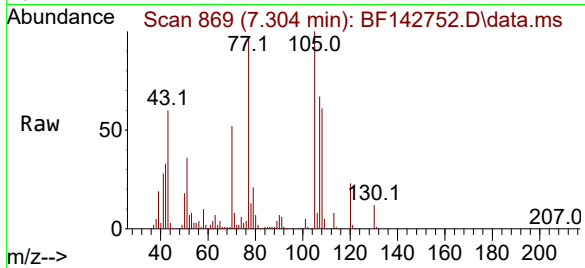




#19
n-Nitroso-di-n-propylamine
Concen: 45.118 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

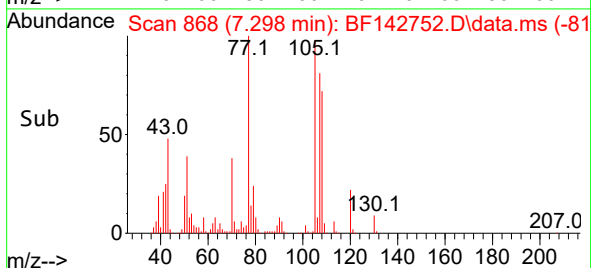
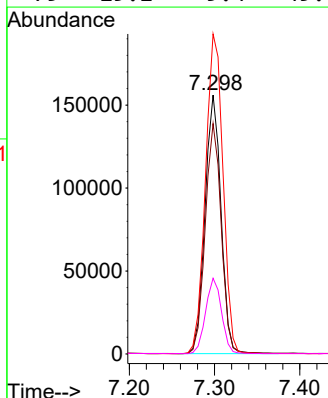
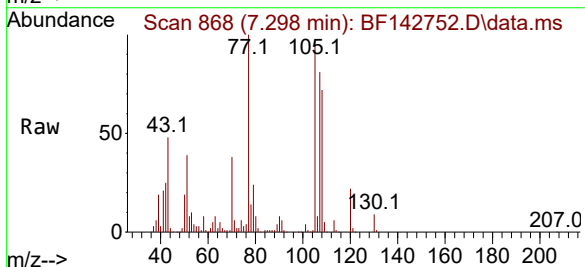
Instrument :
BNA_F
ClientSampleId :
PB168412BS

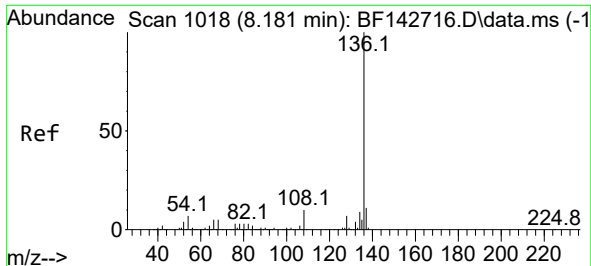
Tgt Ion: 70 Resp: 139434
Ion Ratio Lower Upper
70 100
42 63.6 50.2 75.4
101 10.3 8.3 12.5
130 23.2 19.0 28.6



#20
3+4-Methylphenols
Concen: 46.631 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:107 Resp: 203161
Ion Ratio Lower Upper
107 100
108 89.0 69.9 109.9
77 123.6 97.4 137.4
79 29.2 9.4 49.4

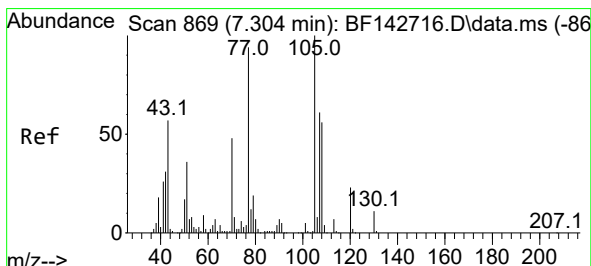
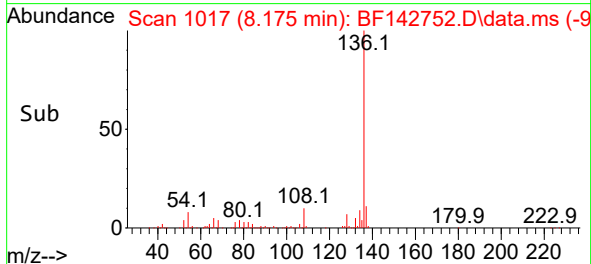
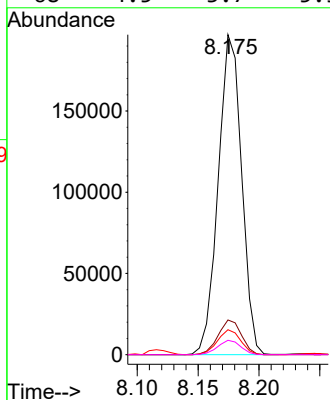
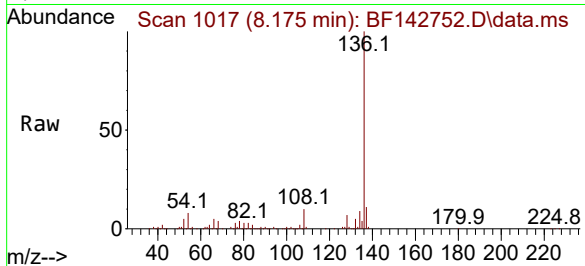




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

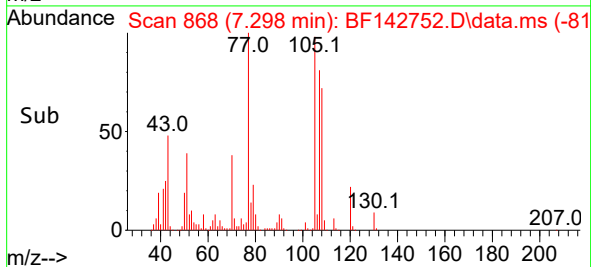
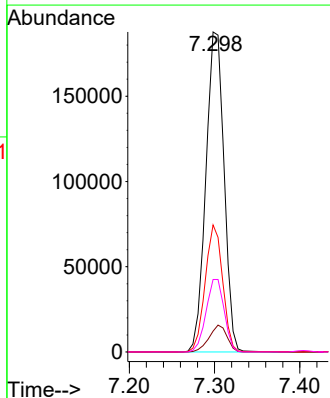
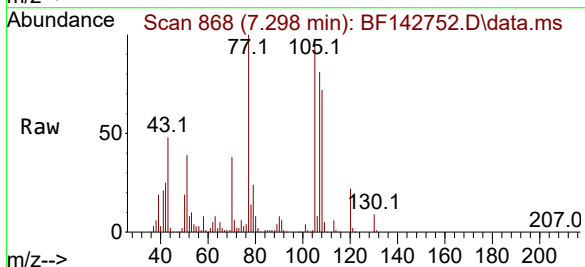
Instrument :
BNA_F
ClientSampleId :
PB168412BS

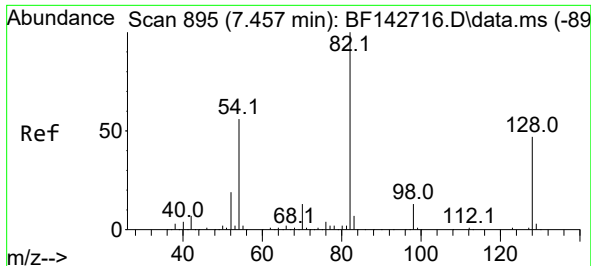
Tgt Ion:136 Resp: 263534
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 5.9 8.9
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 47.573 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:105 Resp: 278879
Ion Ratio Lower Upper
105 100
71 6.5 6.4 9.6
51 39.7 29.1 43.7
120 22.6 18.3 27.5





#23

Nitrobenzene-d5

Concen: 84.260 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

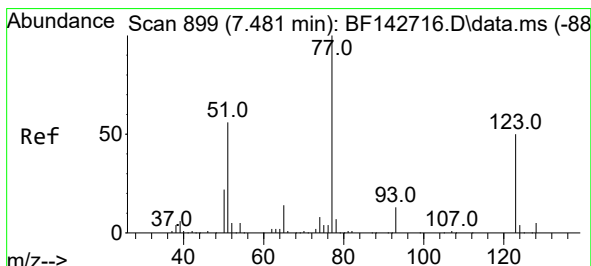
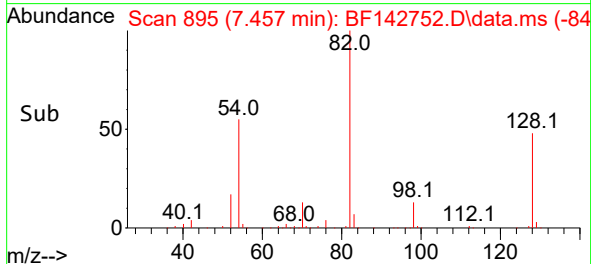
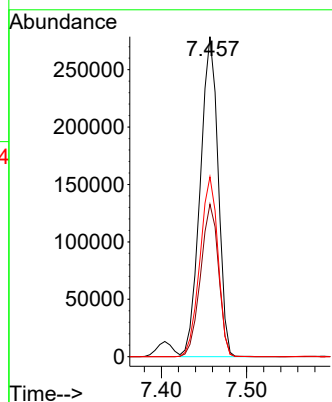
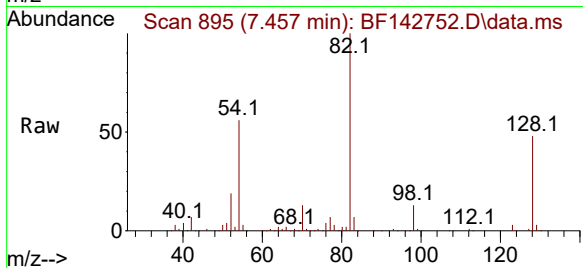
BNA_F

ClientSampleId :

PB168412BS

Tgt Ion: 82 Resp: 405741

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.8
54	56.2	44.9	67.3



#24

Nitrobenzene

Concen: 48.507 ng

RT: 7.475 min Scan# 898

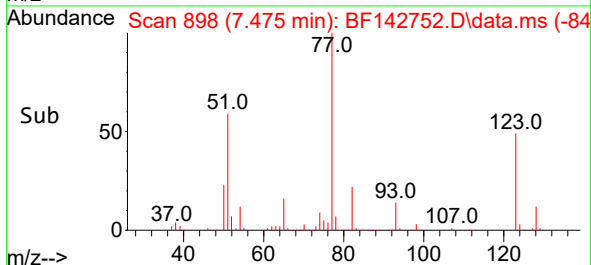
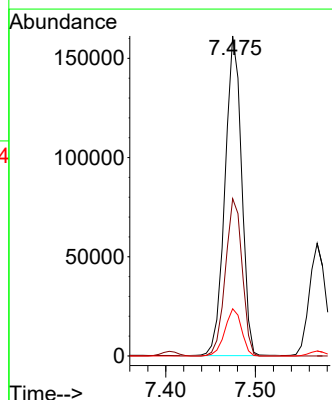
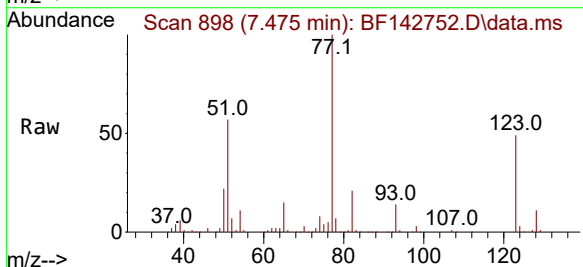
Delta R.T. -0.006 min

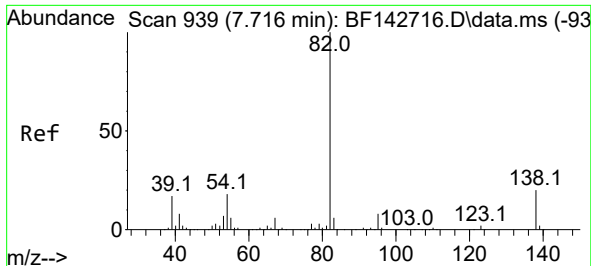
Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Tgt Ion: 77 Resp: 207309

Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.8	61.2
65	14.8	11.5	17.3

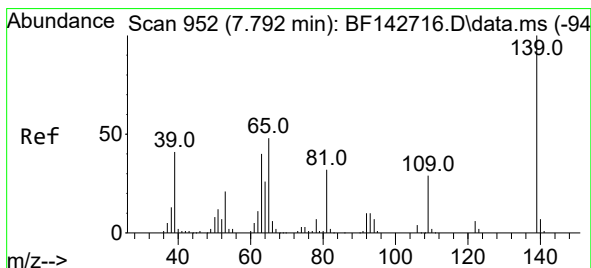
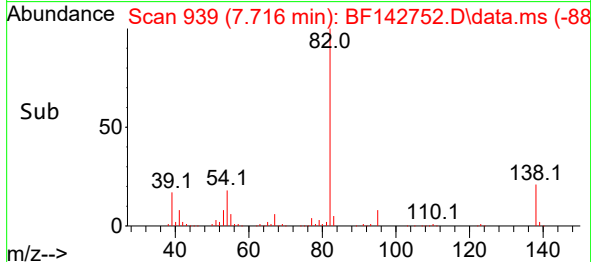
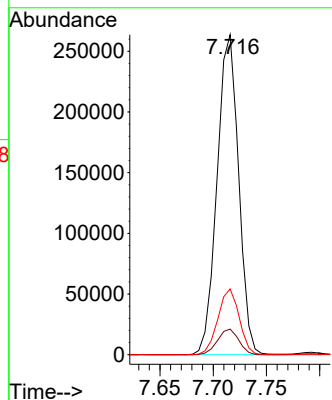
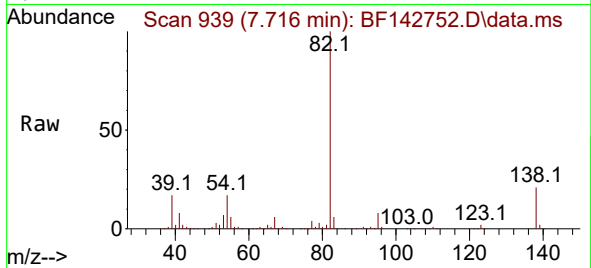




#25
Isophorone
Concen: 45.412 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

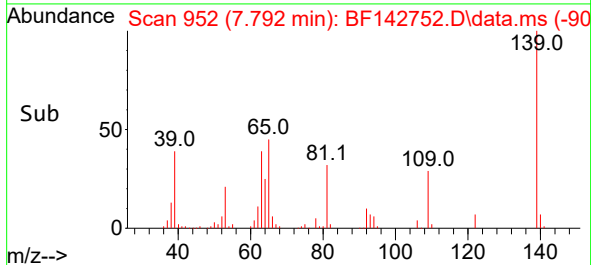
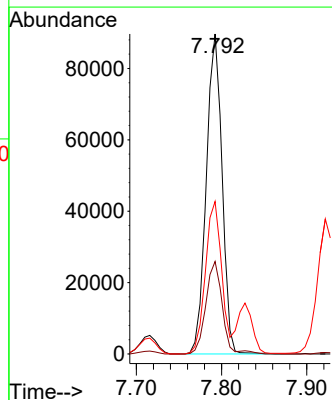
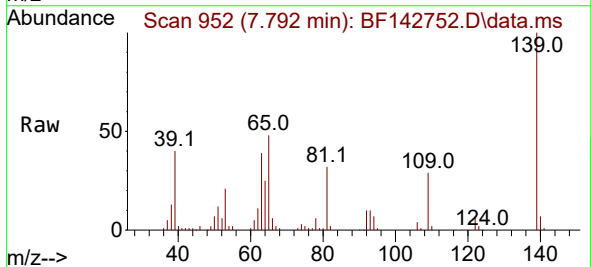
Instrument :
BNA_F
ClientSampleId :
PB168412BS

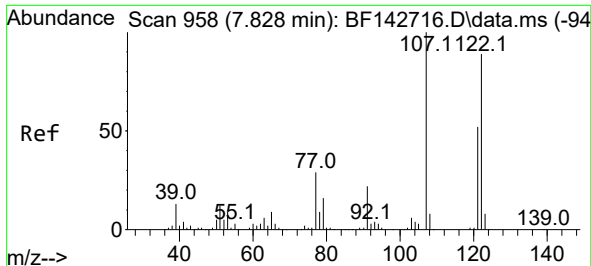
Tgt Ion: 82 Resp: 370251
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 20.6 15.8 23.6



#26
2-Nitrophenol
Concen: 48.439 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:139 Resp: 115535
Ion Ratio Lower Upper
139 100
109 28.9 23.4 35.2
65 47.7 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 47.198 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

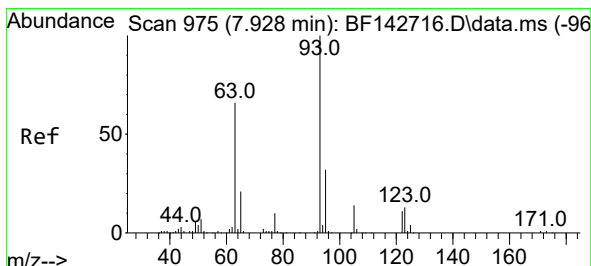
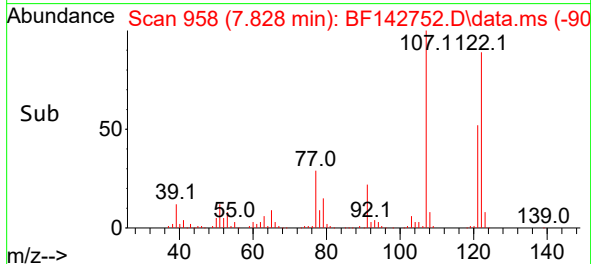
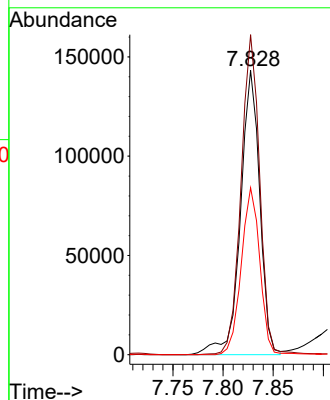
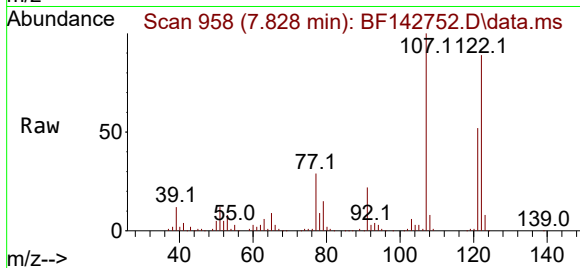
Tgt Ion:122 Resp: 191665

Ion Ratio Lower Upper

122 100

107 112.6 90.4 135.6

121 58.7 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.308 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

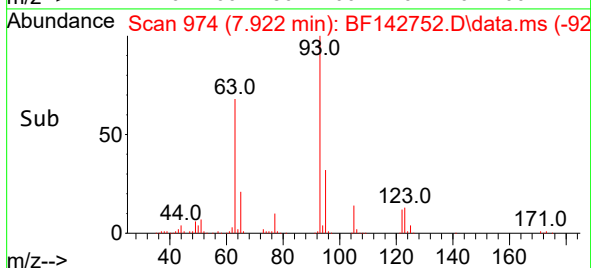
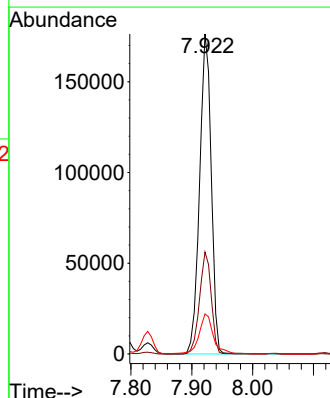
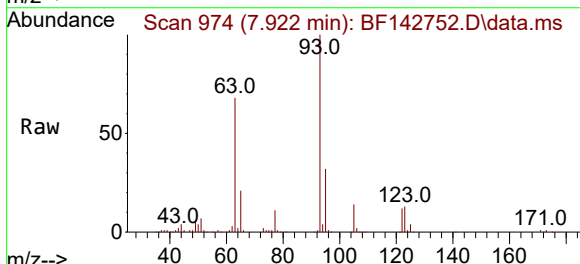
Tgt Ion: 93 Resp: 234412

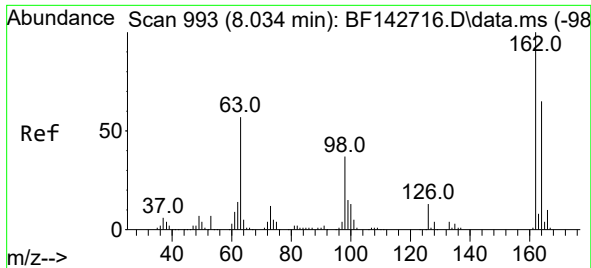
Ion Ratio Lower Upper

93 100

95 31.9 25.9 38.9

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.240 ng

RT: 8.033 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

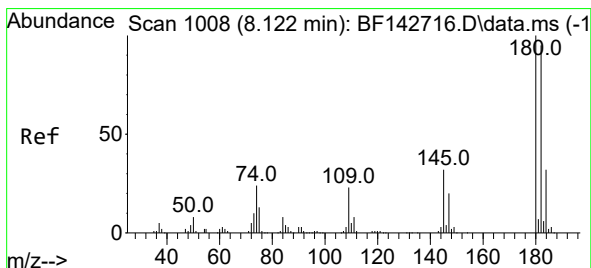
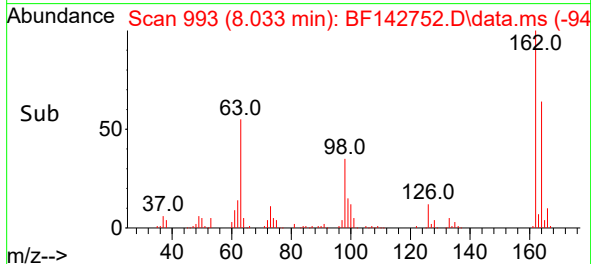
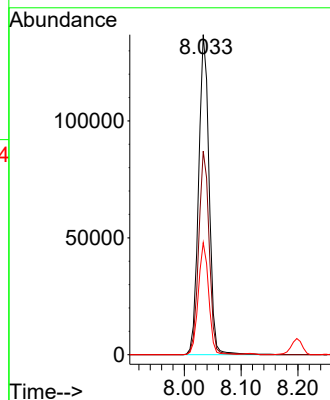
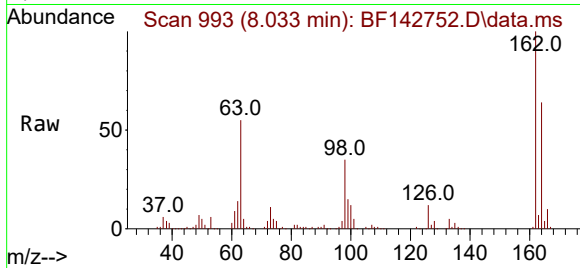
Tgt Ion:162 Resp: 177040

Ion Ratio Lower Upper

162 100

164 63.6 45.1 85.1

98 35.0 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 47.159 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

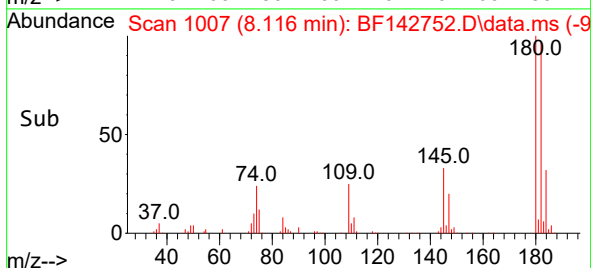
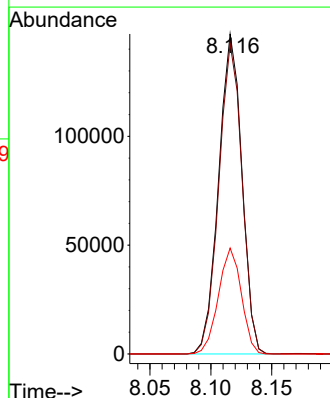
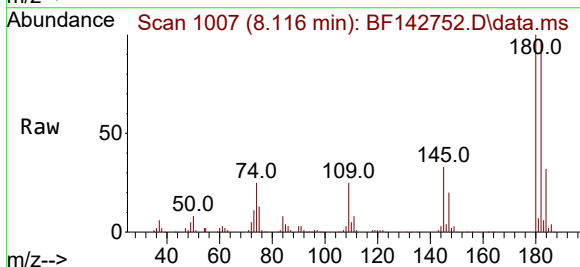
Tgt Ion:180 Resp: 195295

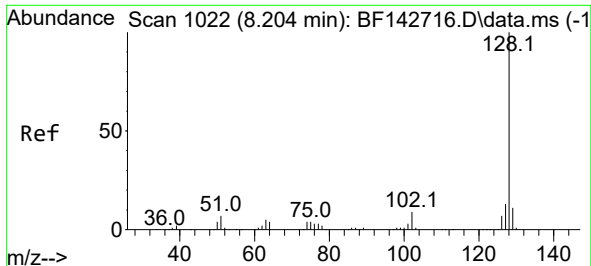
Ion Ratio Lower Upper

180 100

182 97.0 75.9 113.9

145 33.1 25.7 38.5

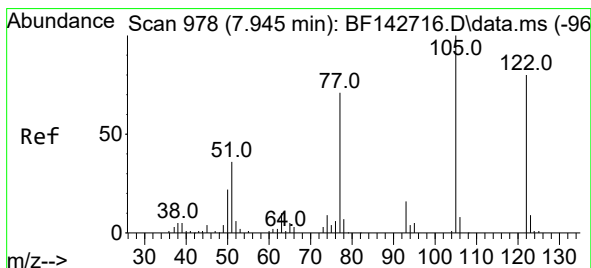
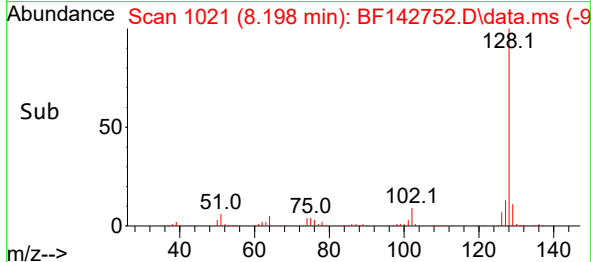
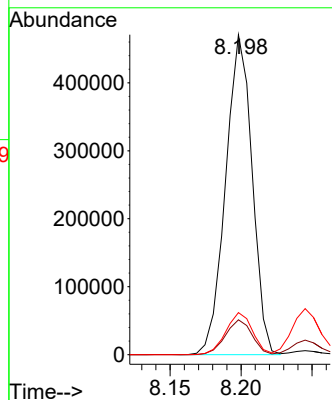
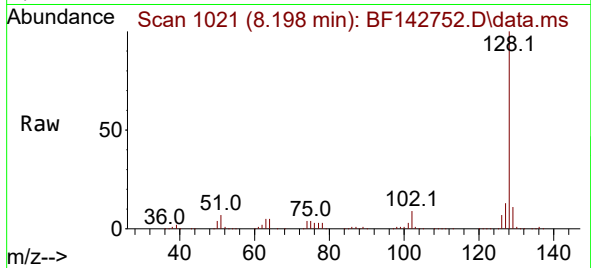




#31
Naphthalene
Concen: 47.001 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

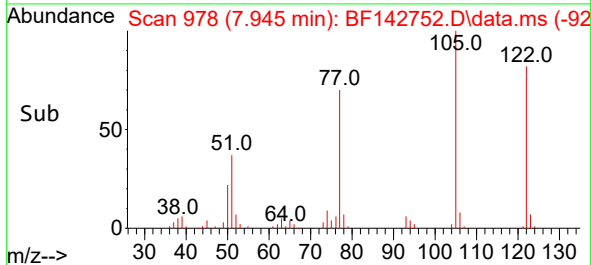
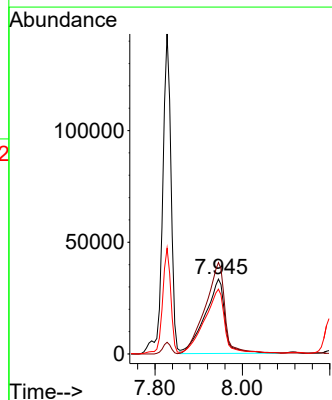
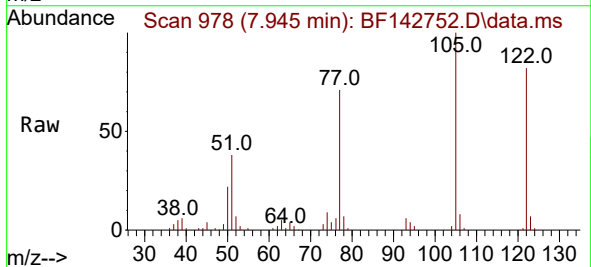
Instrument :
BNA_F
ClientSampleId :
PB168412BS

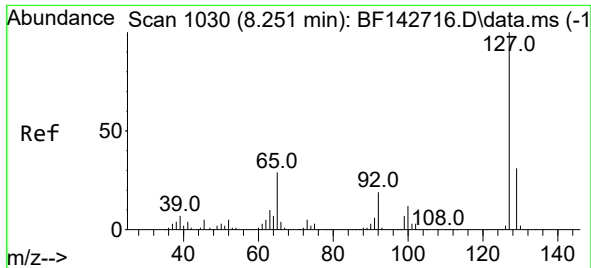
Tgt Ion:128 Resp: 612579
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 46.379 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:122 Resp: 106068
Ion Ratio Lower Upper
122 100
105 121.8 102.6 142.6
77 86.5 68.2 108.2

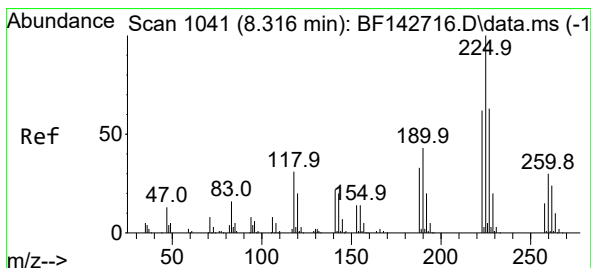
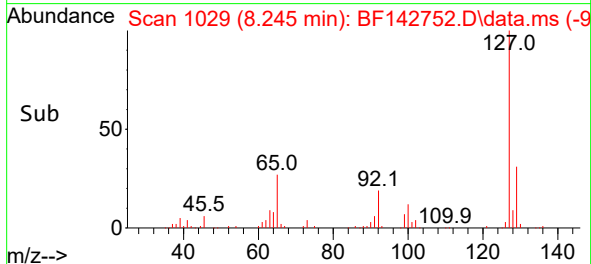
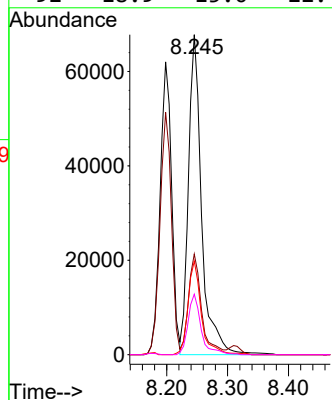
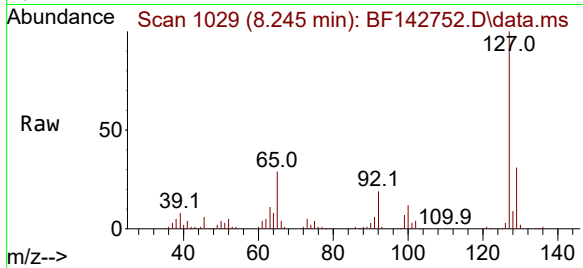




#33
4-Chloroaniline
Concen: 19.535 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

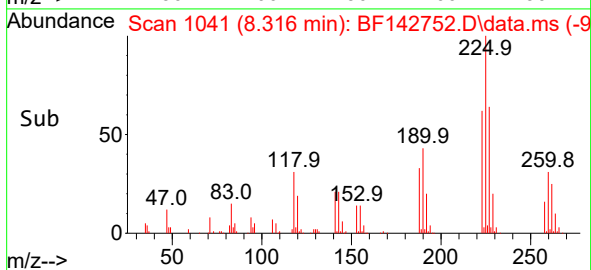
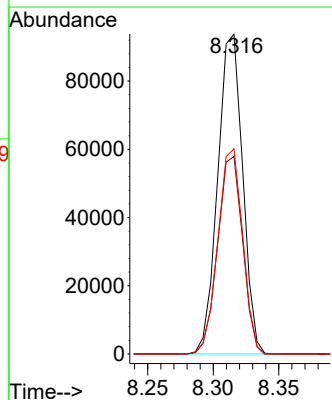
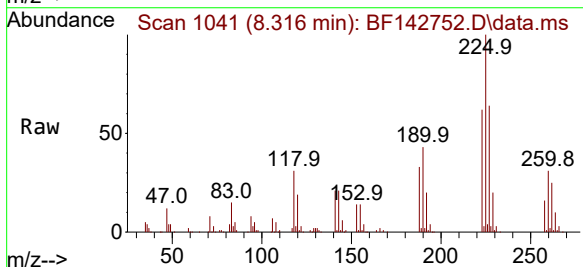
Instrument :
BNA_F
ClientSampleId :
PB168412BS

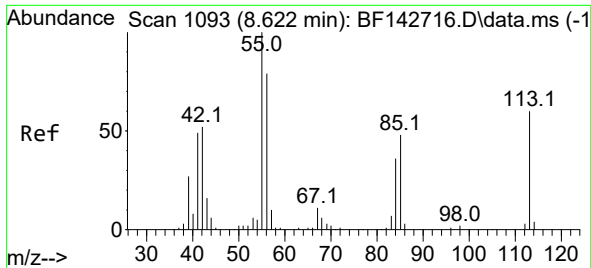
Tgt	Ion:127	Resp:	102227
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.6	38.4
65	29.2	23.0	34.4
92	18.9	15.0	22.4



#34
Hexachlorobutadiene
Concen: 46.908 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt	Ion:225	Resp:	123788
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.3	73.9
227	64.1	50.6	75.8

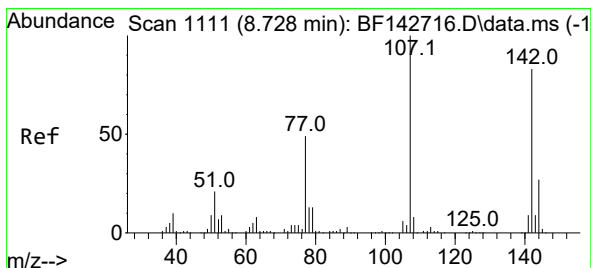
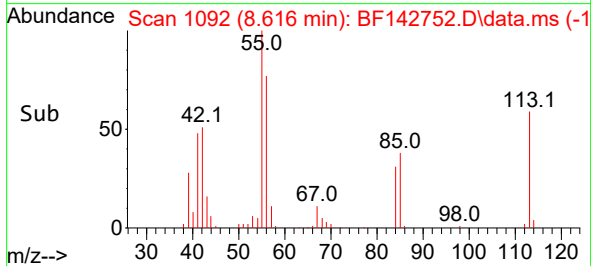
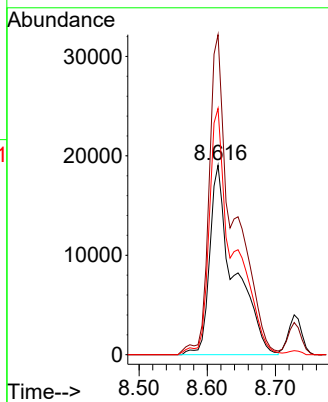
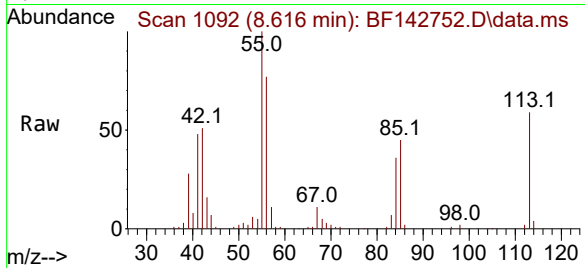




#35
 Caprolactam
 Concen: 46.945 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

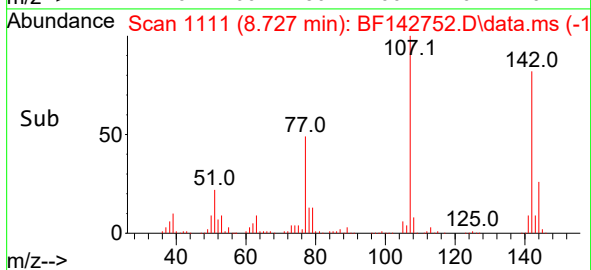
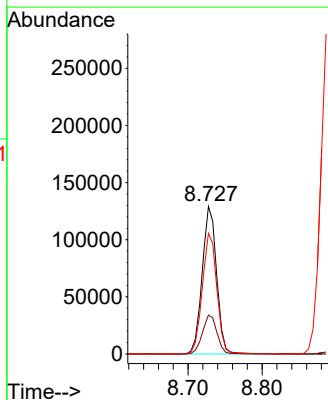
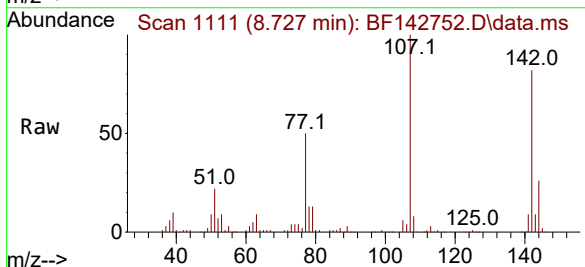
Instrument :
 BNA_F
 ClientSampleId :
 PB168412BS

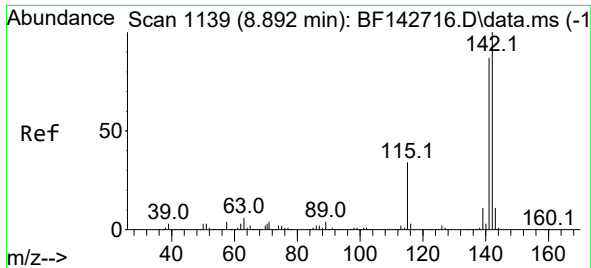
Tgt Ion:113 Resp: 47490
 Ion Ratio Lower Upper
 113 100
 55 168.9 147.9 187.9
 56 130.0 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.788 ng
 RT: 8.727 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

Tgt Ion:107 Resp: 174531
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 81.7 66.2 99.2

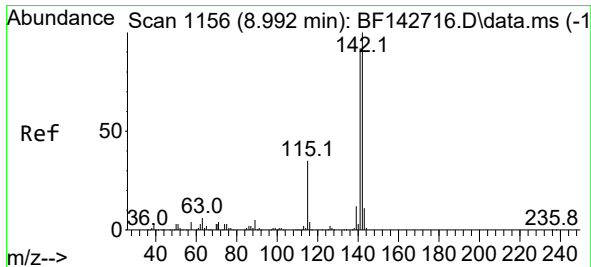
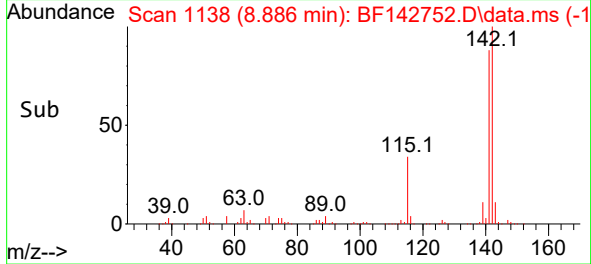
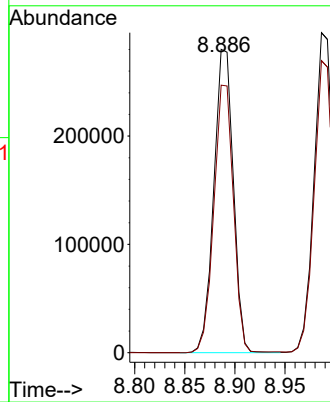
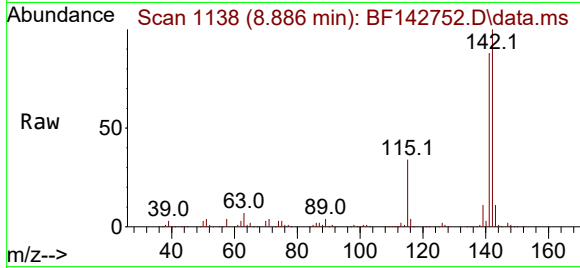




#37
2-Methylnaphthalene
Concen: 45.954 ng
RT: 8.886 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

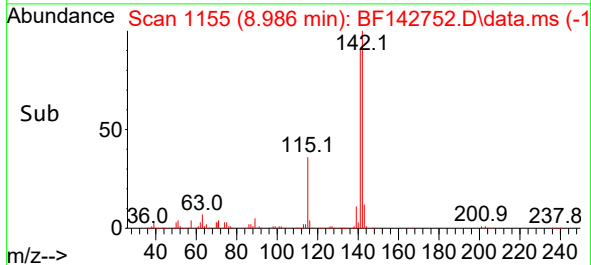
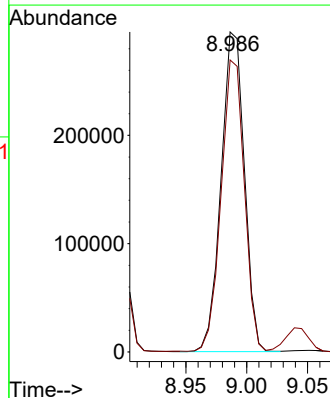
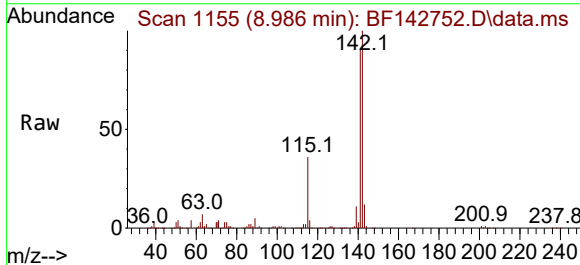
Instrument :
BNA_F
ClientSampleId :
PB168412BS

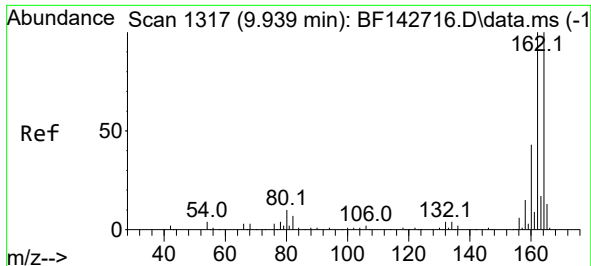
Tgt Ion:142 Resp: 379095
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 45.968 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:142 Resp: 392842
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

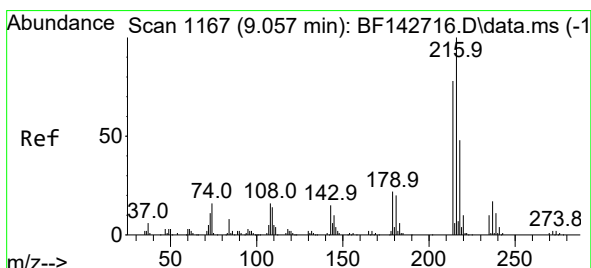
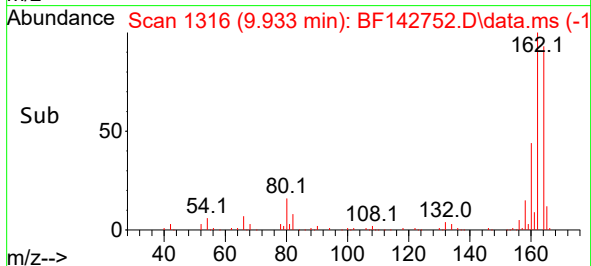
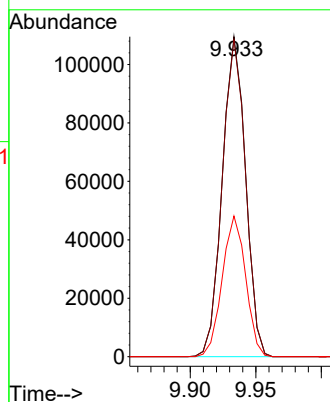
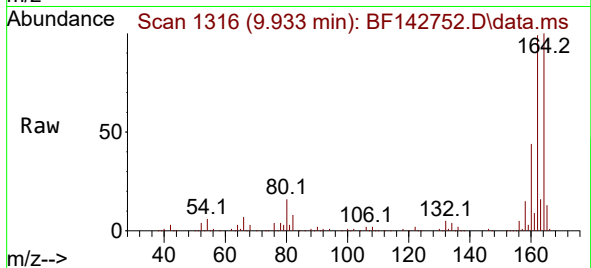
Tgt Ion:164 Resp: 135007

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 44.0 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.517 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Tgt Ion:216 Resp: 193486

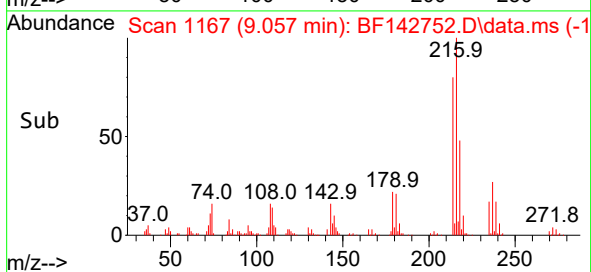
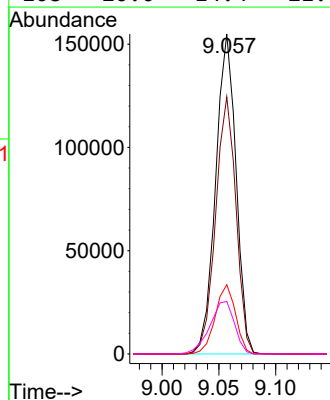
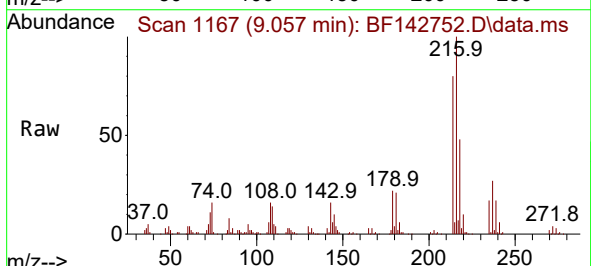
Ion Ratio Lower Upper

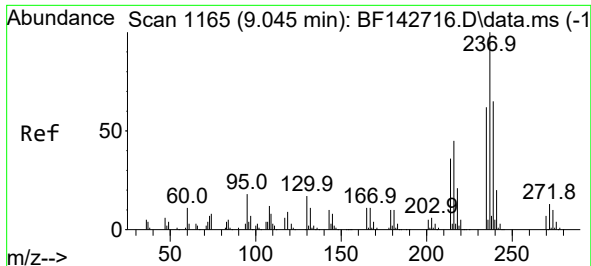
216 100

214 80.0 62.6 94.0

179 21.6 17.1 25.7

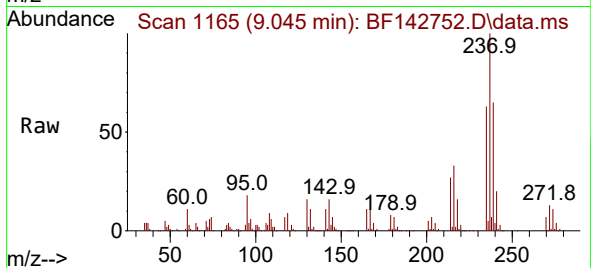
108 20.0 14.4 21.6



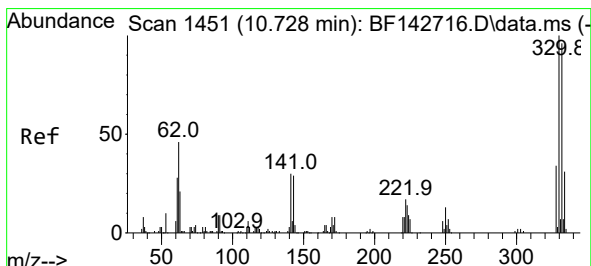
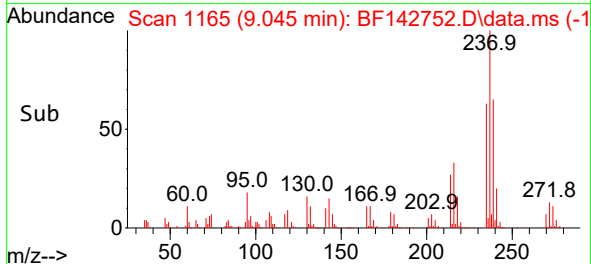
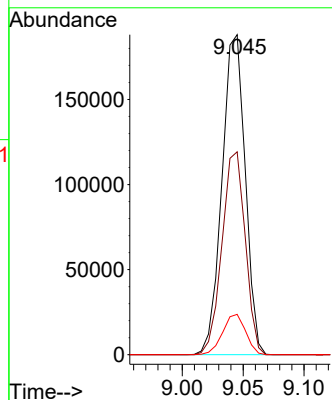


#41
Hexachlorocyclopentadiene
Concen: 99.646 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Instrument :
BNA_F
ClientSampleId :
PB168412BS

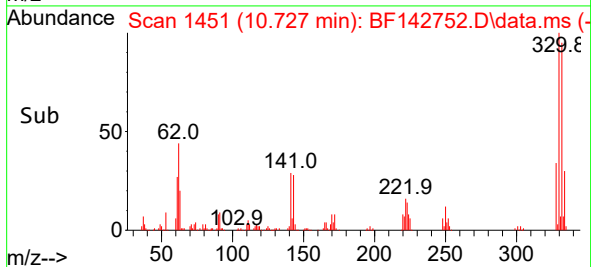
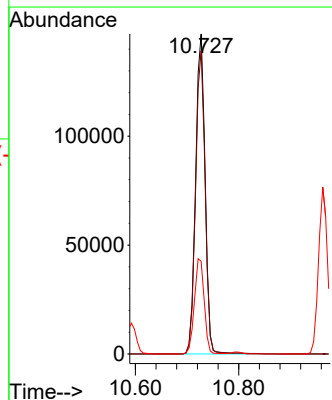
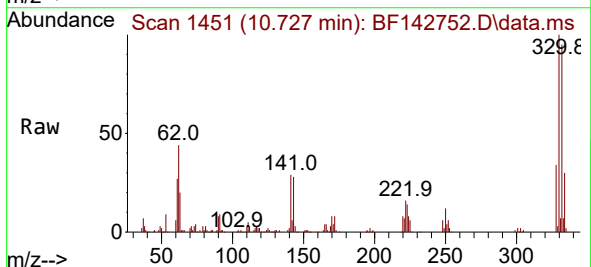


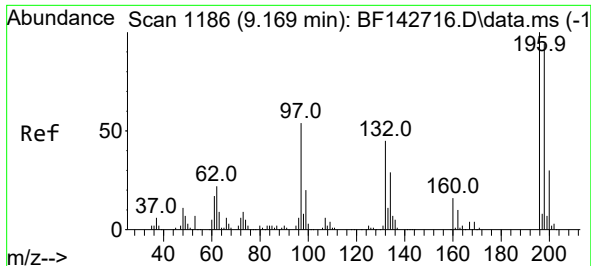
Tgt Ion:237 Resp: 249904
Ion Ratio Lower Upper
237 100
235 63.4 41.9 81.9
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 126.695 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:330 Resp: 187465
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 30.8 25.4 38.0

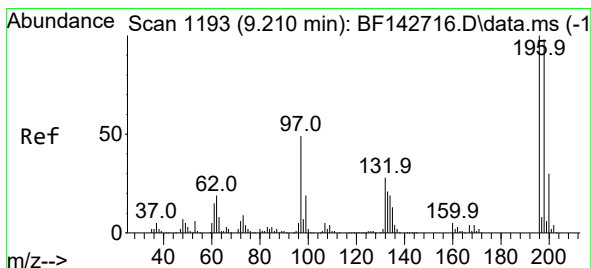
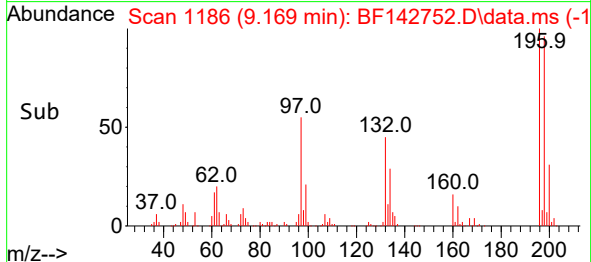
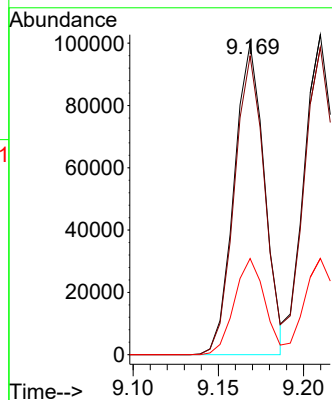
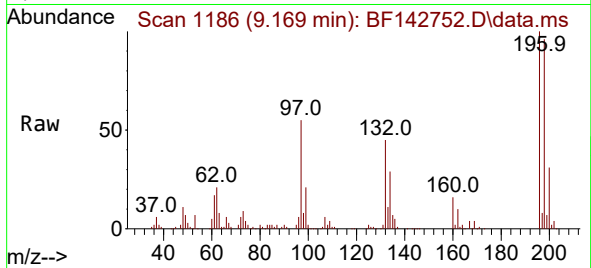




#43
 2,4,6-Trichlorophenol
 Concen: 48.844 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

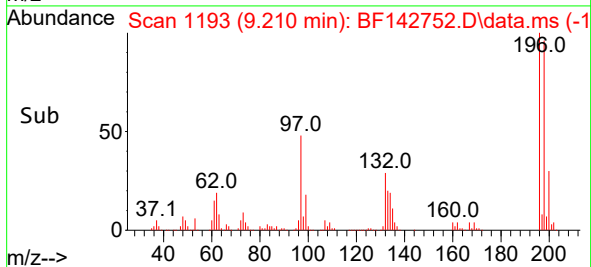
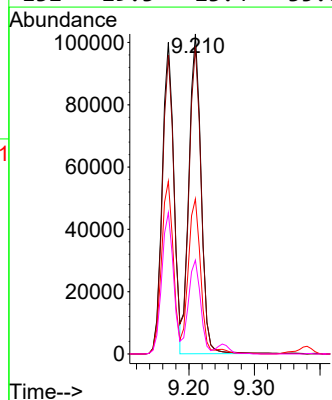
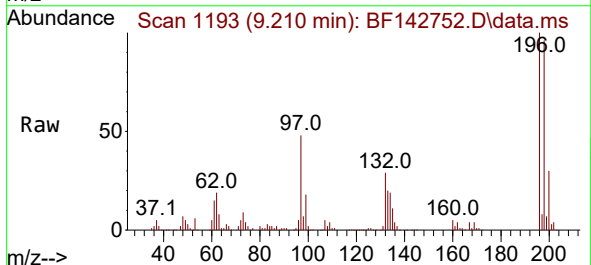
Instrument :
 BNA_F
 ClientSampleId :
 PB168412BS

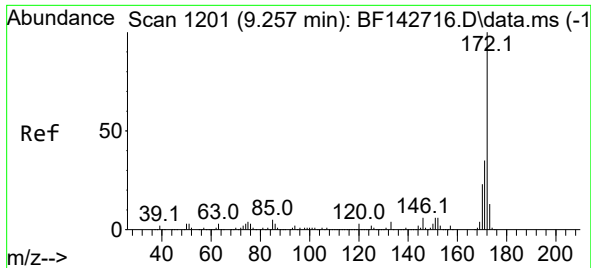
Tgt Ion:196 Resp: 123547
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.5 113.3
 200 30.9 23.8 35.8



#44
 2,4,5-Trichlorophenol
 Concen: 48.154 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

Tgt Ion:196 Resp: 131553
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.2 117.2
 97 48.4 38.6 57.8
 132 29.3 23.4 35.0

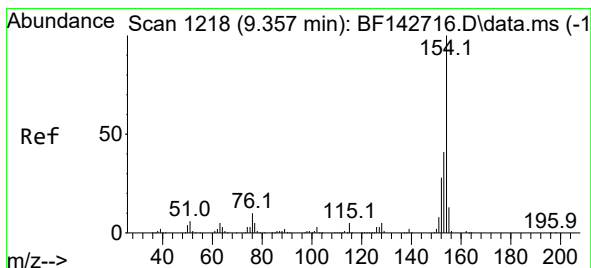
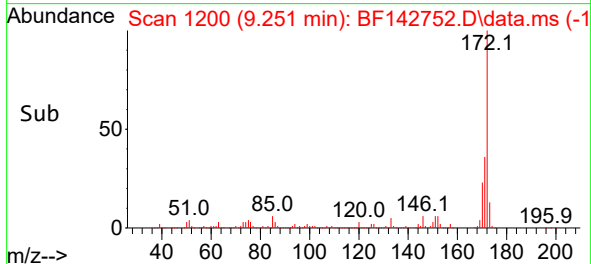
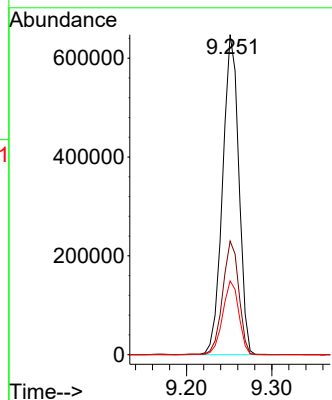
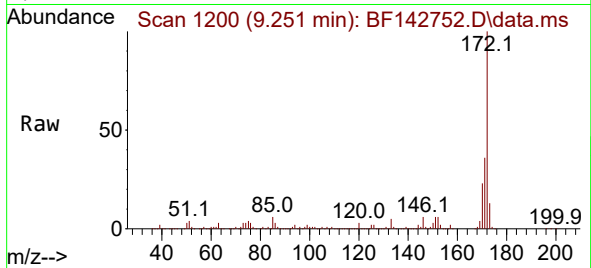




#45
2-Fluorobiphenyl
Concen: 84.060 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

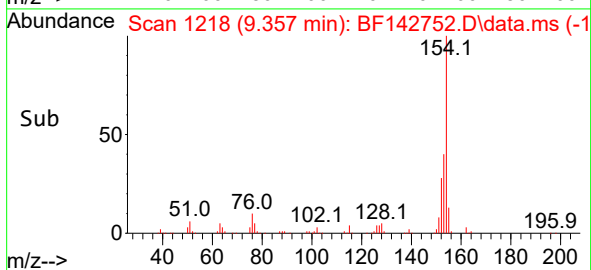
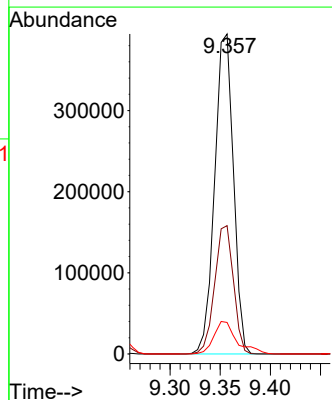
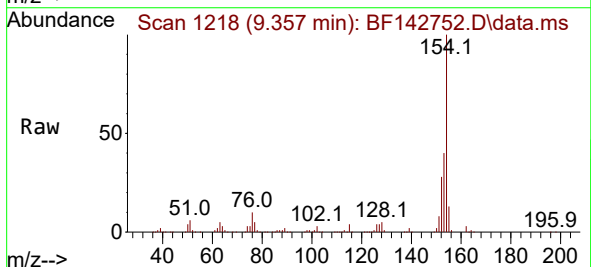
Instrument :
BNA_F
ClientSampleId :
PB168412BS

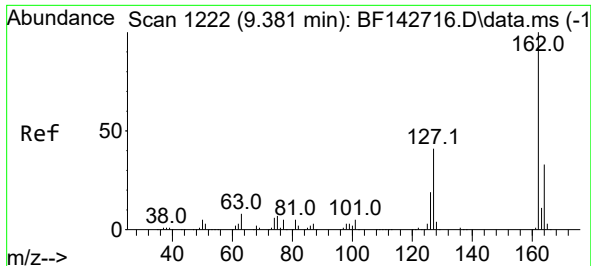
Tgt Ion:172 Resp: 854214
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 48.942 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

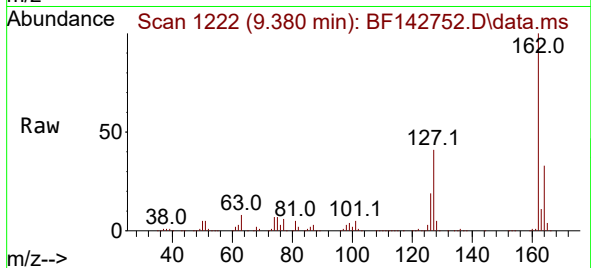
Tgt Ion:154 Resp: 513080
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 9.8 0.0 30.2



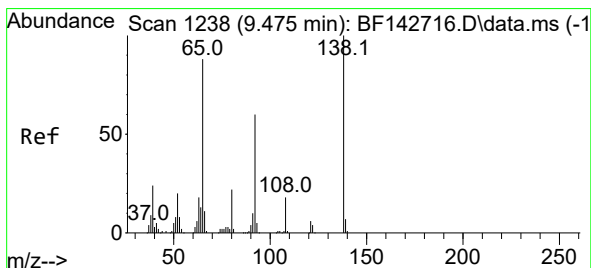
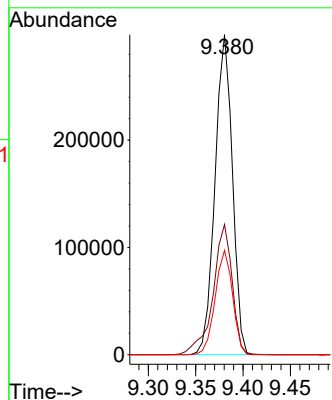
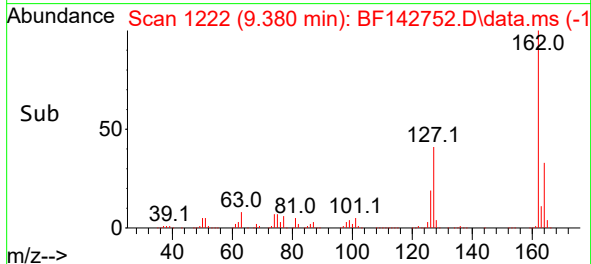


#47
2-Chloronaphthalene
Concen: 49.487 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Instrument :
BNA_F
ClientSampleId :
PB168412BS

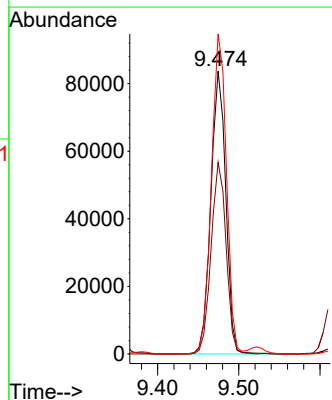
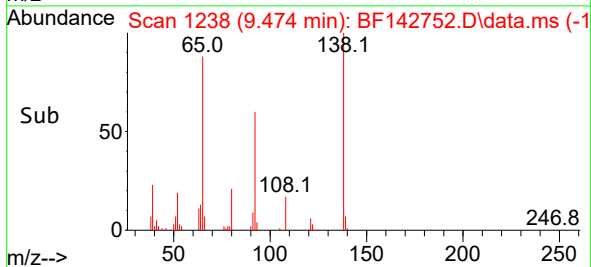
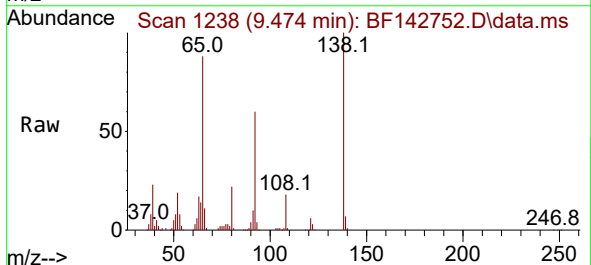


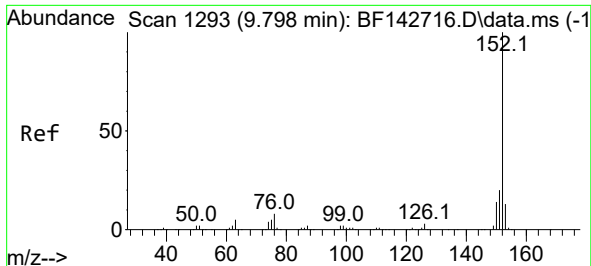
Tgt Ion:162 Resp: 382212
Ion Ratio Lower Upper
162 100
127 40.7 33.5 50.3
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 48.682 ng
RT: 9.474 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion: 65 Resp: 106939
Ion Ratio Lower Upper
65 100
92 67.8 54.5 81.7
138 113.2 90.6 136.0

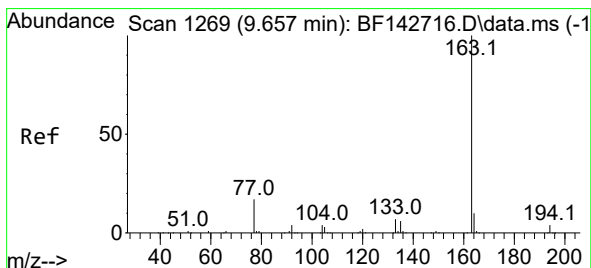
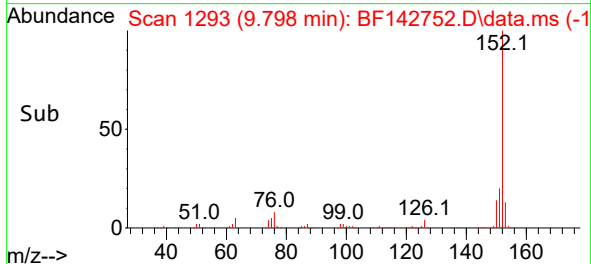
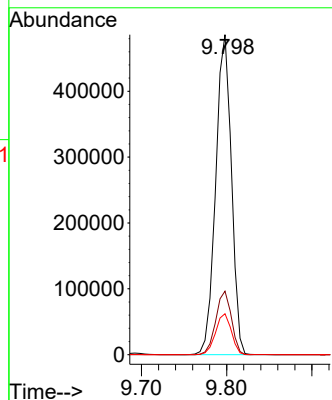
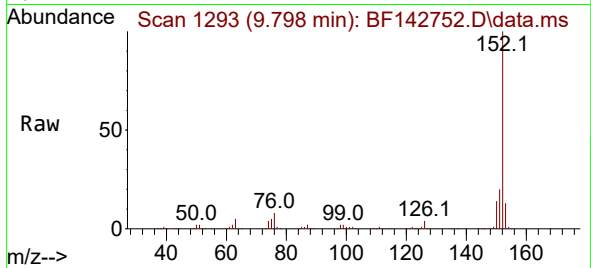




#49
Acenaphthylene
Concen: 47.786 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

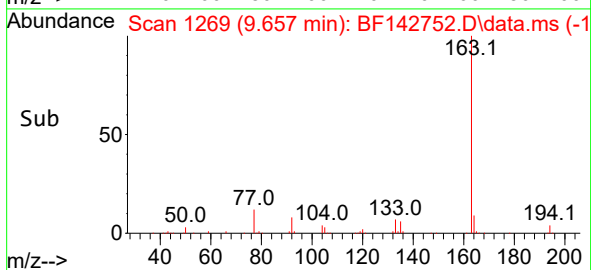
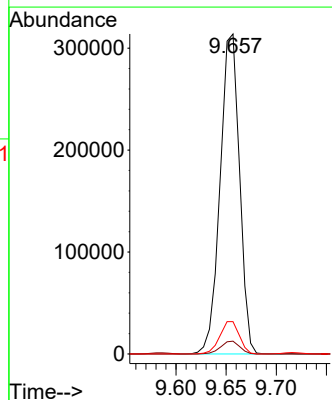
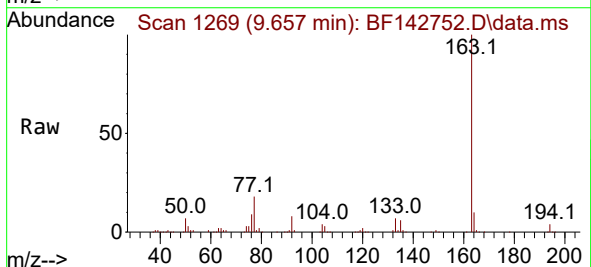
Instrument :
BNA_F
ClientSampleId :
PB168412BS

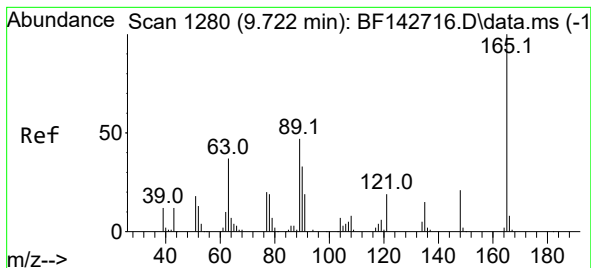
Tgt Ion:152 Resp: 622304
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 46.862 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:163 Resp: 422487
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.0 12.0

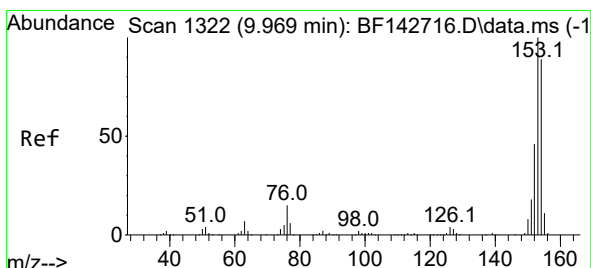
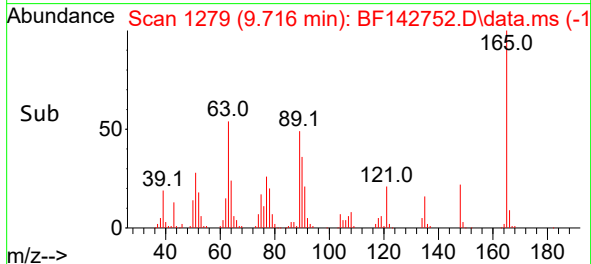
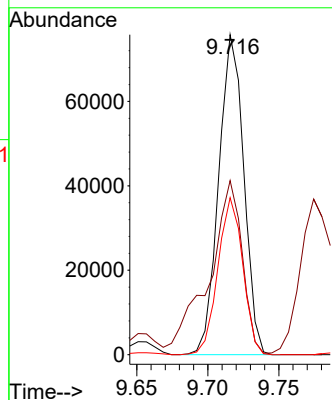
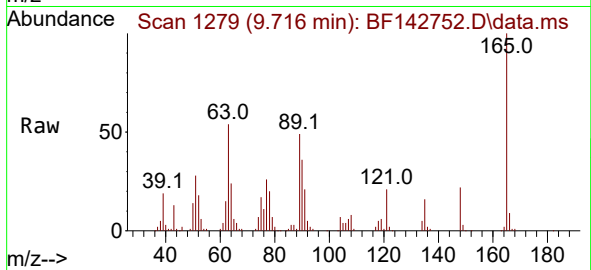




#51
2,6-Dinitrotoluene
Concen: 47.777 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

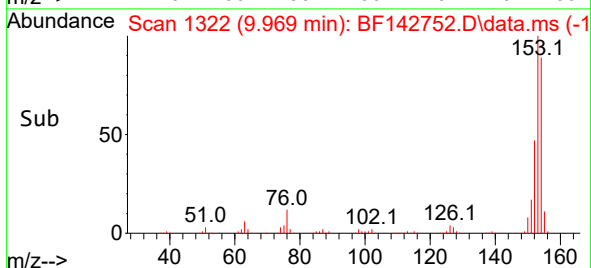
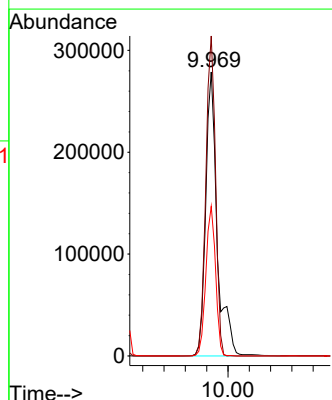
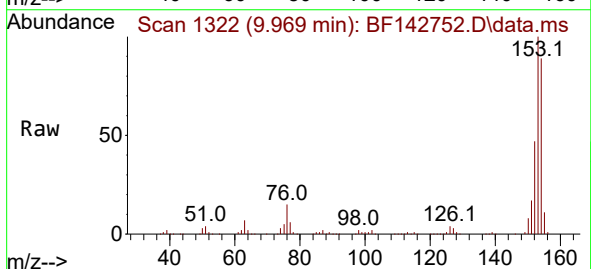
Instrument :
BNA_F
ClientSampleId :
PB168412BS

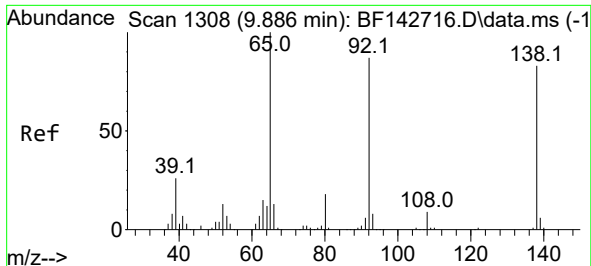
Tgt Ion:165 Resp: 93094
Ion Ratio Lower Upper
165 100
63 54.4 40.6 60.8
89 49.0 37.6 56.4



#52
Acenaphthene
Concen: 51.751 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:154 Resp: 417851
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 52.7 41.9 62.9

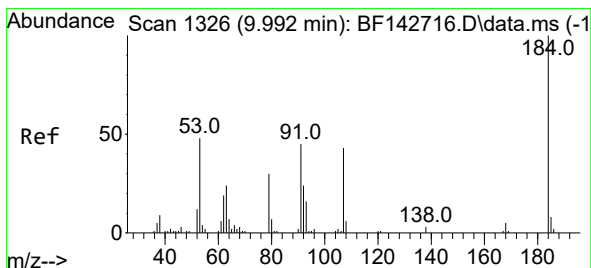
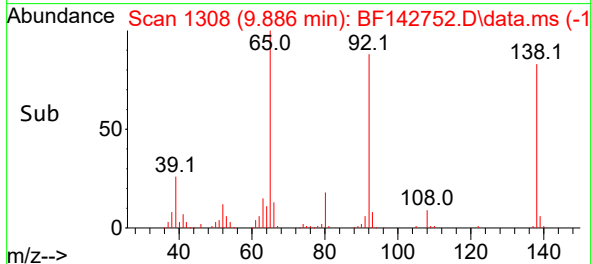
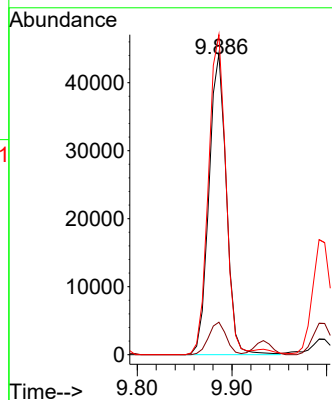
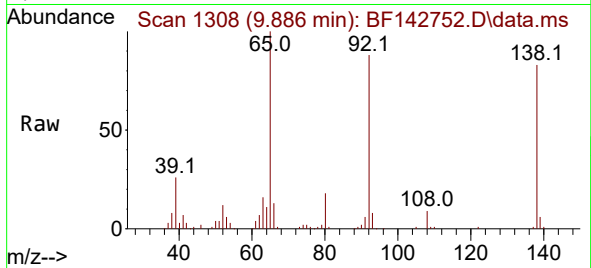




#53
3-Nitroaniline
Concen: 26.736 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

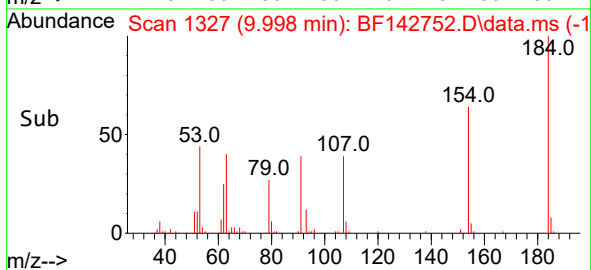
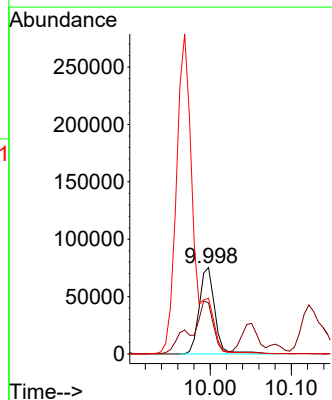
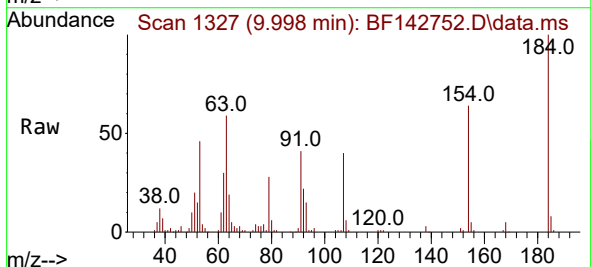
Instrument :
BNA_F
ClientSampleId :
PB168412BS

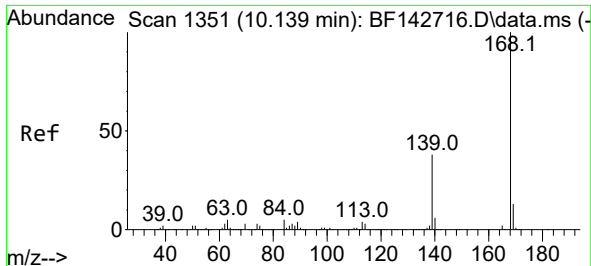
Tgt Ion:138 Resp: 56504
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 106.3 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 95.002 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:184 Resp: 101399
Ion Ratio Lower Upper
184 100
63 59.2 51.7 77.5
154 64.5 60.1 90.1

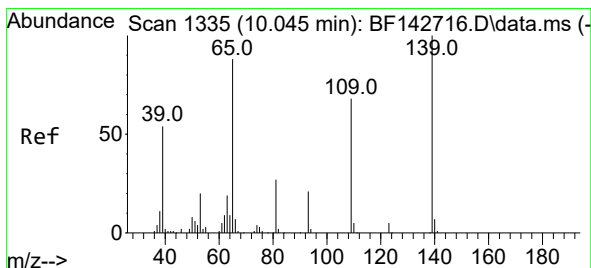
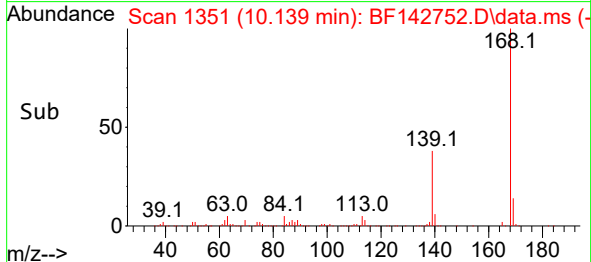
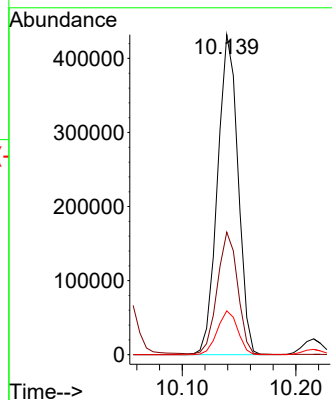
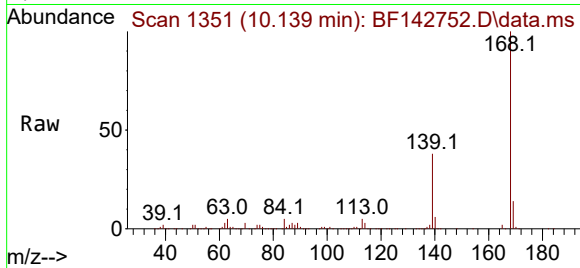




#55
Dibenzenofuran
Concen: 47.167 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

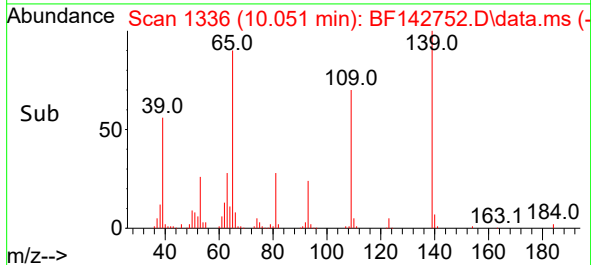
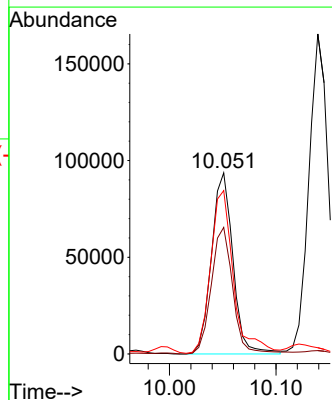
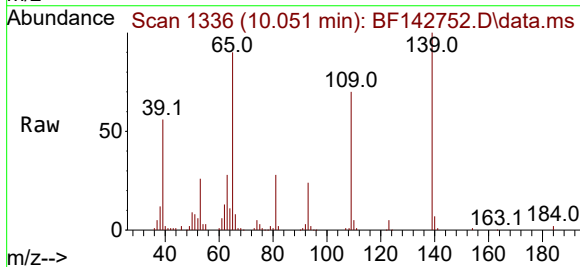
Instrument :
BNA_F
ClientSampleId :
PB168412BS

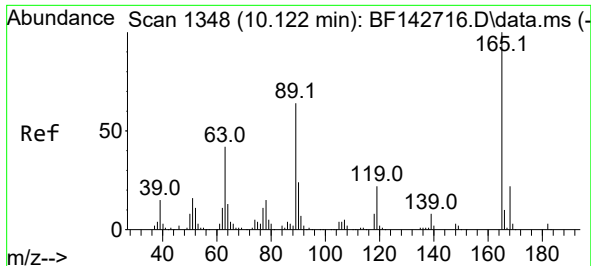
Tgt Ion:168 Resp: 542318
Ion Ratio Lower Upper
168 100
139 38.3 30.9 46.3
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 91.325 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:139 Resp: 130904
Ion Ratio Lower Upper
139 100
109 69.8 47.5 87.5
65 90.2 69.2 109.2





#57

2,4-Dinitrotoluene

Concen: 47.958 ng

RT: 10.121 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

Tgt Ion:165 Resp: 123550

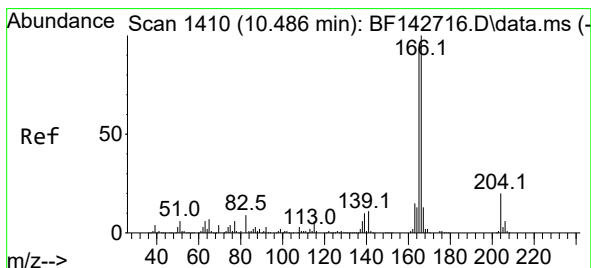
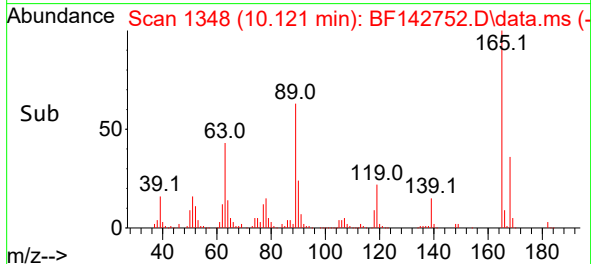
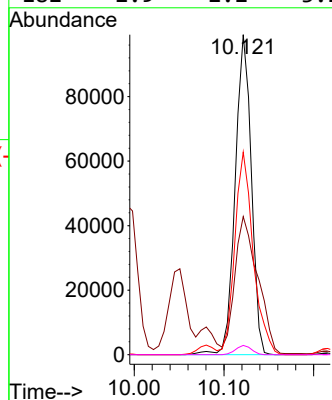
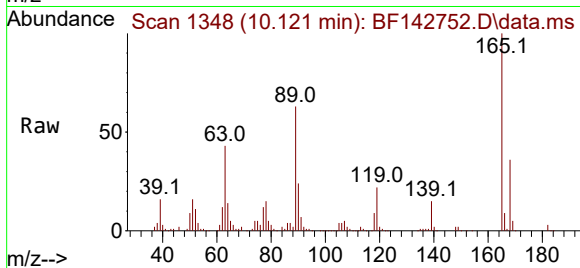
Ion Ratio Lower Upper

165 100

63 43.2 34.1 51.1

89 63.3 50.8 76.2

182 2.9 2.2 3.2



#58

Fluorene

Concen: 46.001 ng

RT: 10.480 min Scan# 1409

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

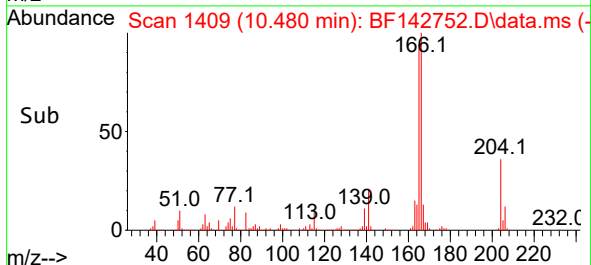
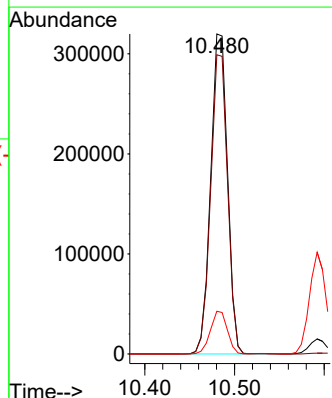
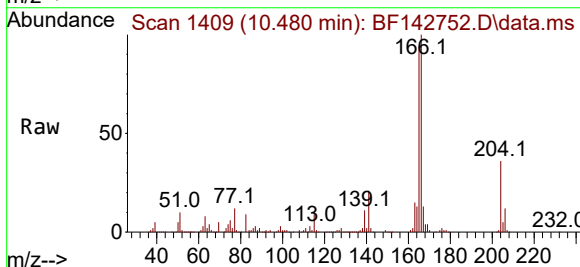
Tgt Ion:166 Resp: 417667

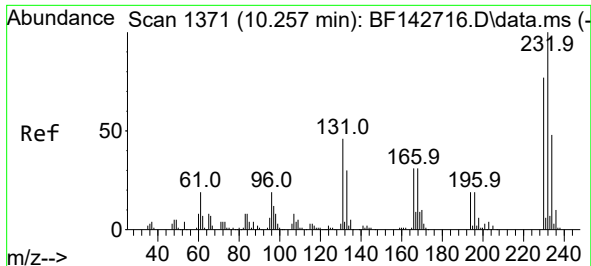
Ion Ratio Lower Upper

166 100

165 93.5 74.9 112.3

167 13.3 10.7 16.1

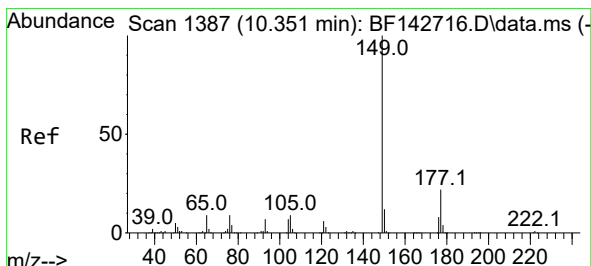
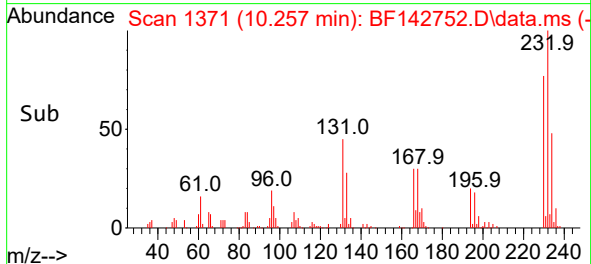
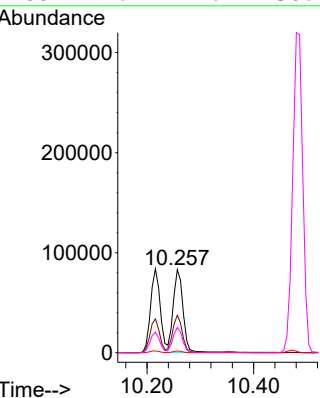
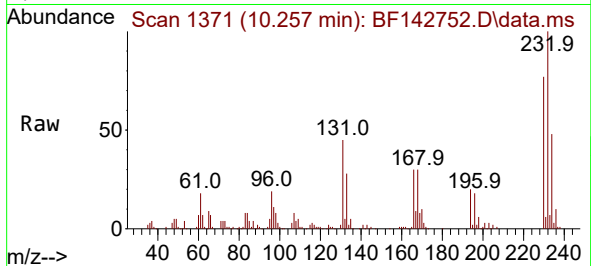




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.005 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

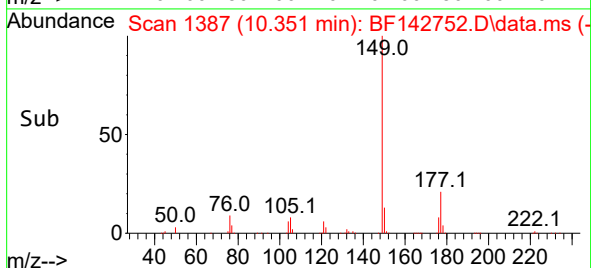
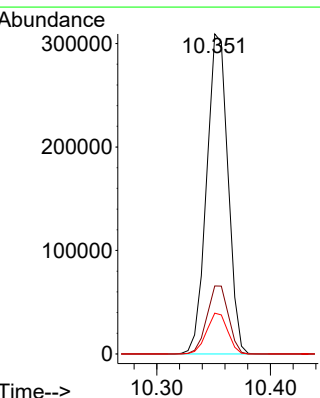
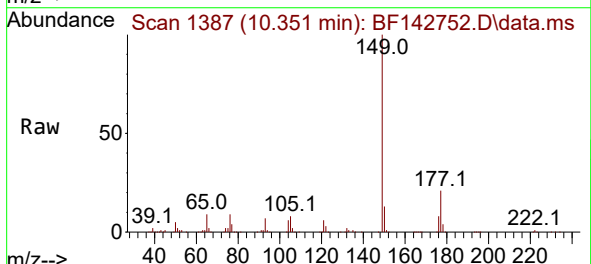
Instrument :
BNA_F
ClientSampleId :
PB168412BS

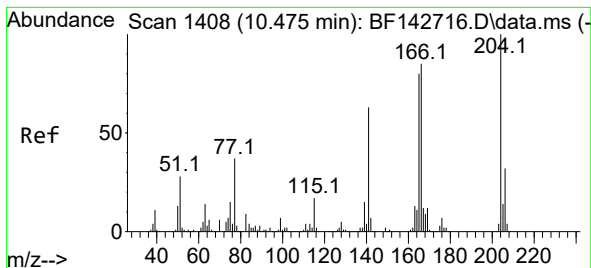
Tgt Ion:232 Resp: 105737
Ion Ratio Lower Upper
232 100
131 45.4 35.8 53.8
130 2.0 1.8 2.6
166 29.7 24.2 36.2



#60
Diethylphthalate
Concen: 45.067 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:149 Resp: 402883
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.0
150 12.7 10.0 15.0

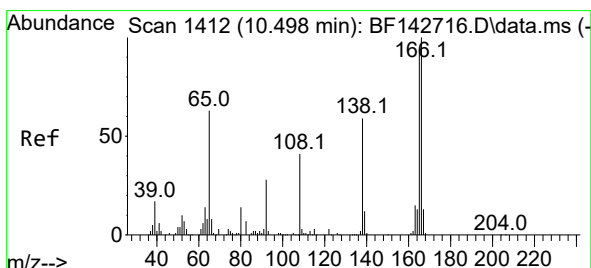
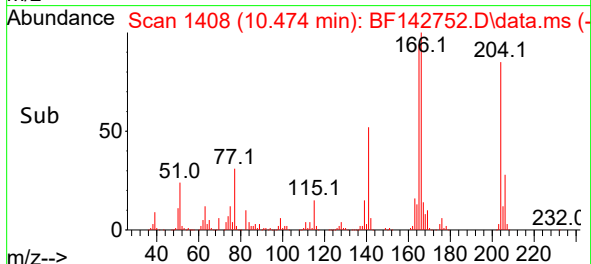
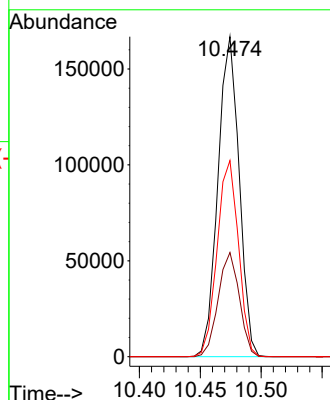
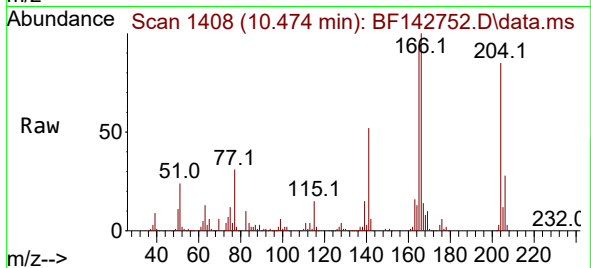




#61
4-Chlorophenyl-phenylether
Concen: 45.639 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

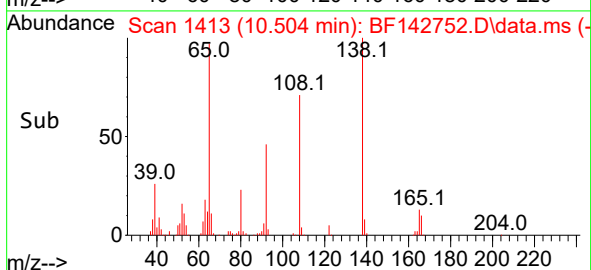
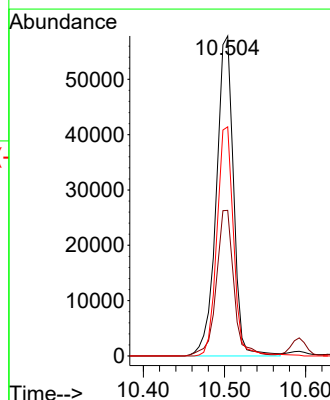
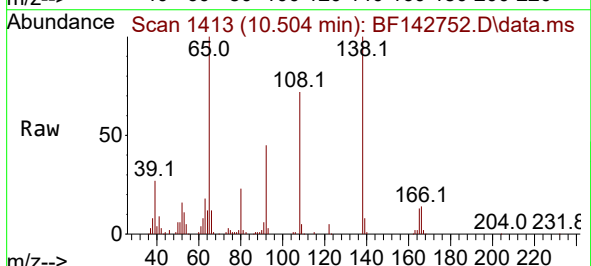
Instrument :
BNA_F
ClientSampleId :
PB168412BS

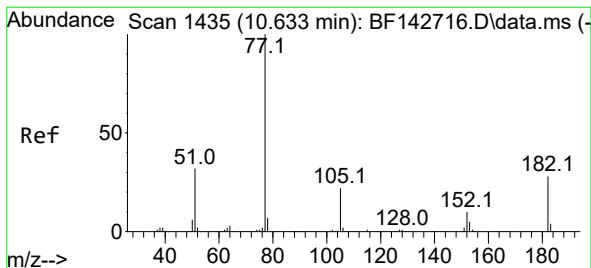
Tgt Ion:204 Resp: 202374
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.3 50.2 75.4



#62
4-Nitroaniline
Concen: 45.277 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:138 Resp: 85606
Ion Ratio Lower Upper
138 100
92 45.5 27.2 67.2
108 71.6 49.9 89.9





#63

Azobenzene

Concen: 45.776 ng

RT: 10.633 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

Tgt Ion: 77 Resp: 357398

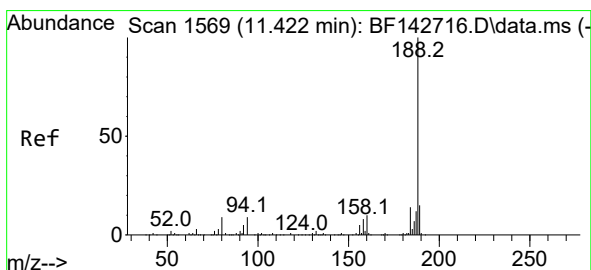
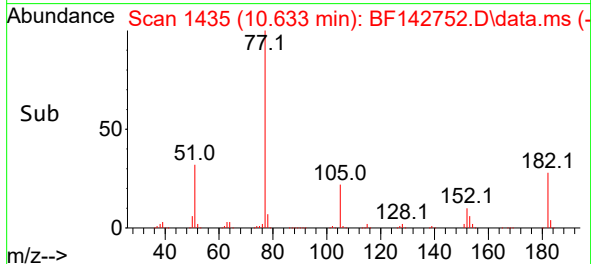
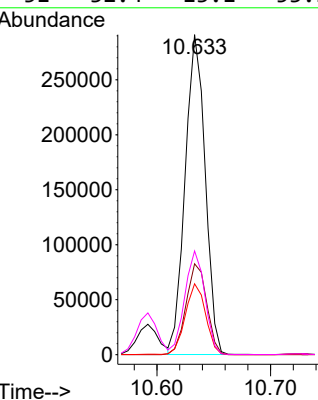
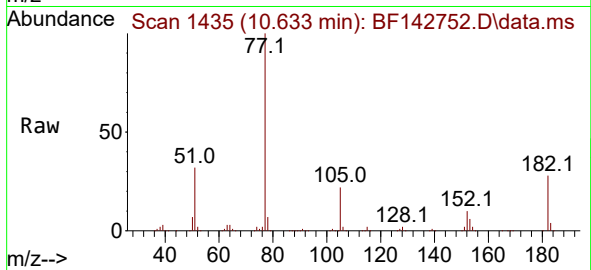
Ion Ratio Lower Upper

77 100

182 28.4 7.8 47.8

105 22.1 1.9 41.9

51 32.4 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

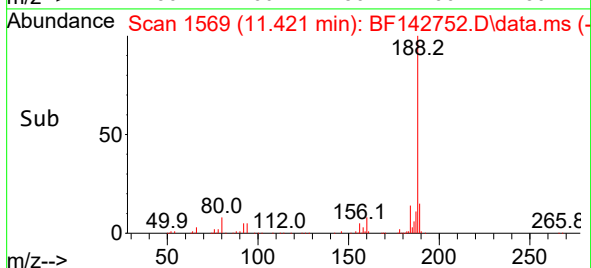
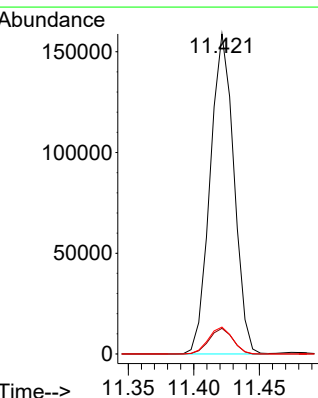
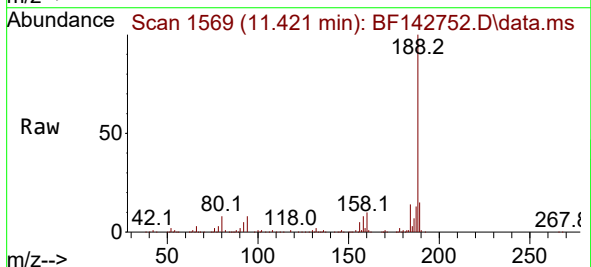
Tgt Ion:188 Resp: 200298

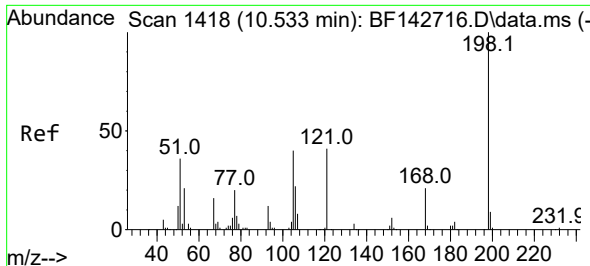
Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 8.4 7.1 10.7

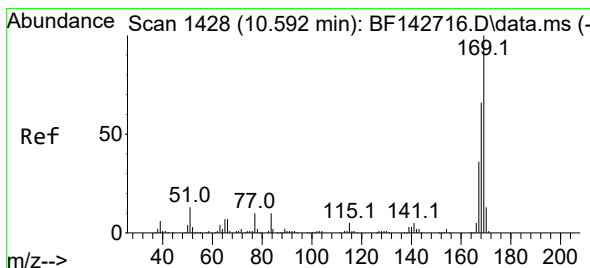
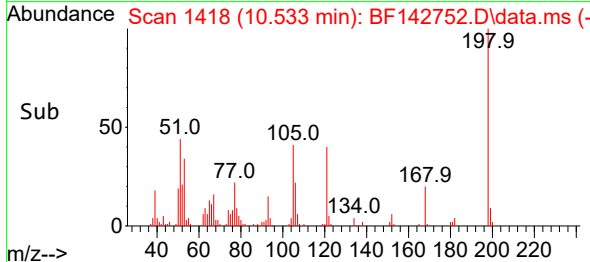
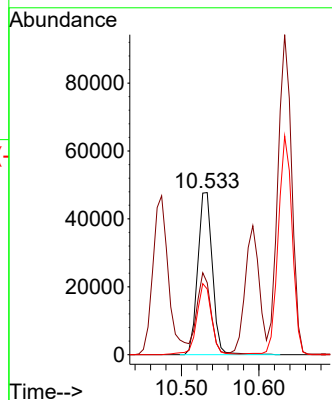
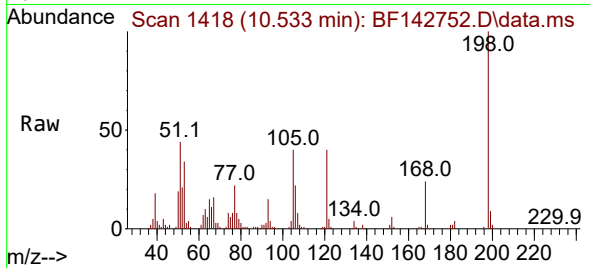




#65
4,6-Dinitro-2-methylphenol
Concen: 49.892 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

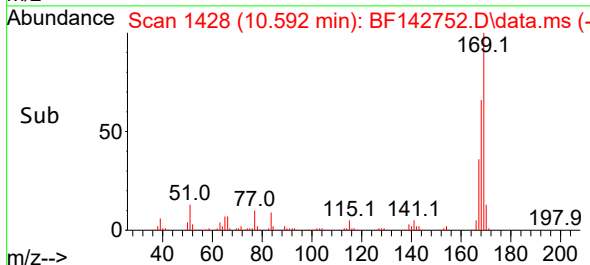
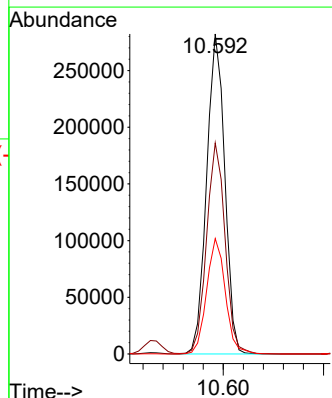
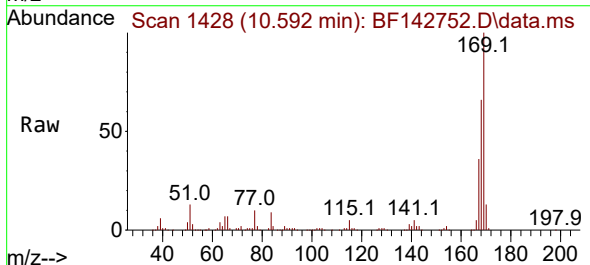
Instrument :
BNA_F
ClientSampleId :
PB168412BS

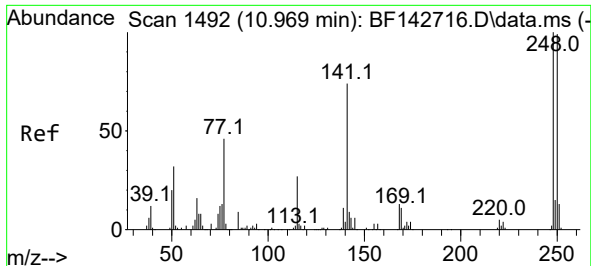
Tgt Ion:198 Resp: 62580
Ion Ratio Lower Upper
198 100
51 44.3 25.5 65.5
105 40.5 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 51.597 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:169 Resp: 355242
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 36.0 28.7 43.1

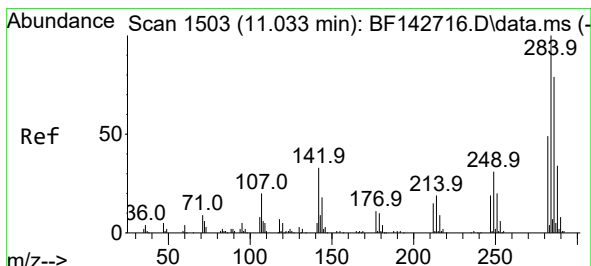
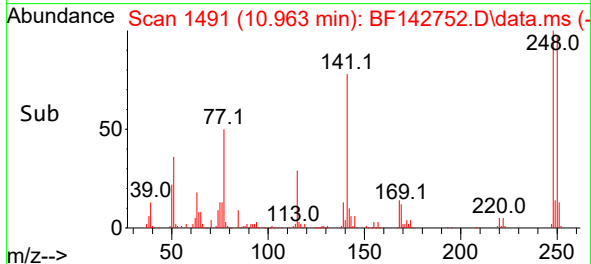
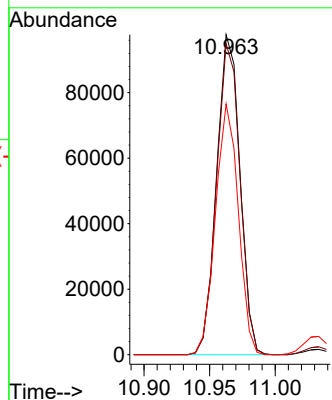
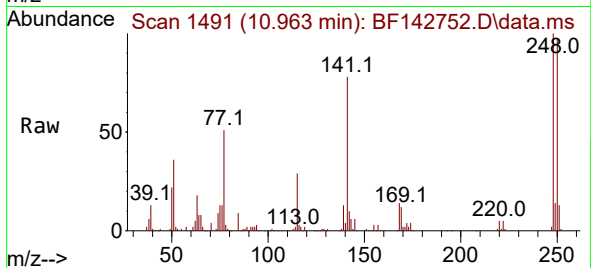




#67
4-Bromophenyl-phenylether
Concen: 51.218 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

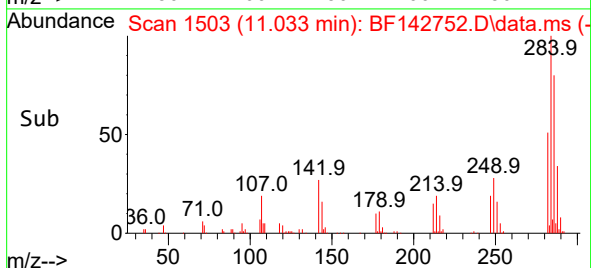
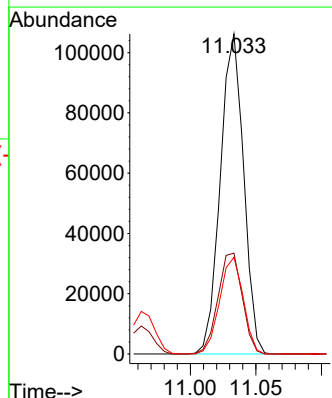
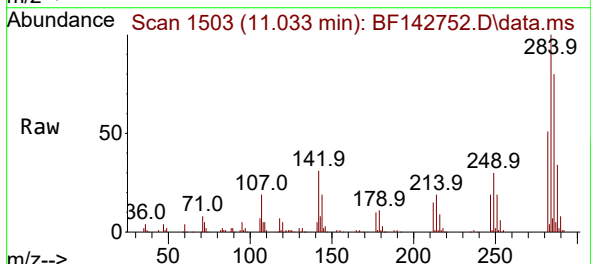
Instrument :
BNA_F
ClientSampleId :
PB168412BS

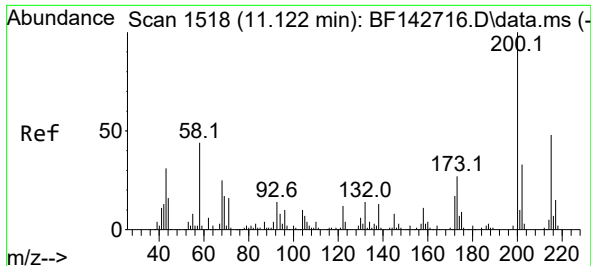
Tgt Ion:248 Resp: 121094
Ion Ratio Lower Upper
248 100
250 97.2 79.2 118.8
141 78.4 59.3 88.9



#68
Hexachlorobenzene
Concen: 49.908 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:284 Resp: 130979
Ion Ratio Lower Upper
284 100
142 31.5 26.0 39.0
249 30.2 24.6 37.0

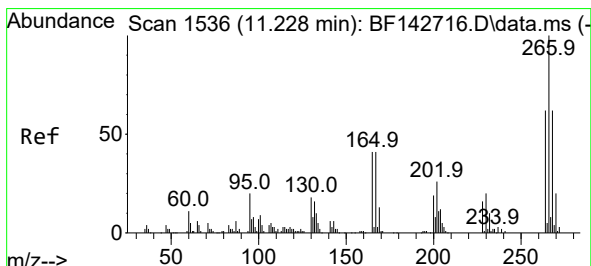
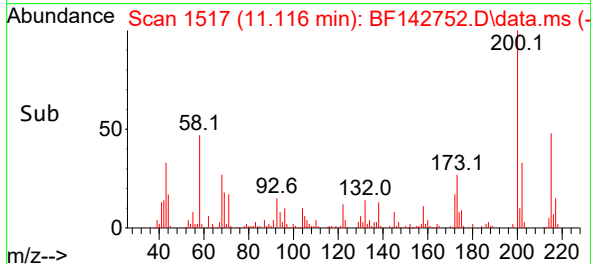
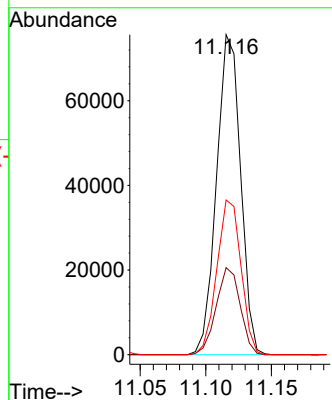
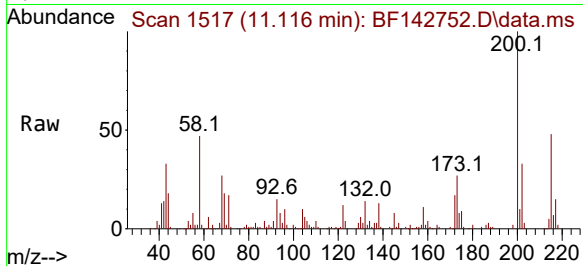




#69
Atrazine
Concen: 52.436 ng
RT: 11.116 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

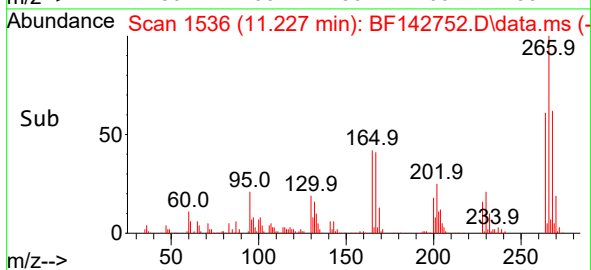
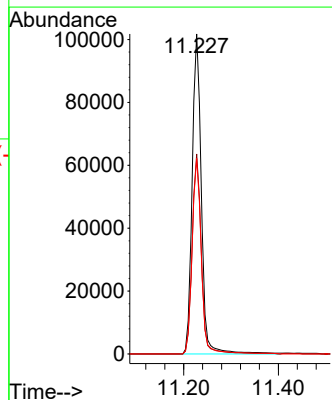
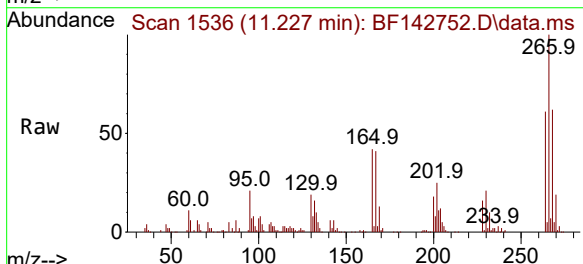
Instrument :
BNA_F
ClientSampleId :
PB168412BS

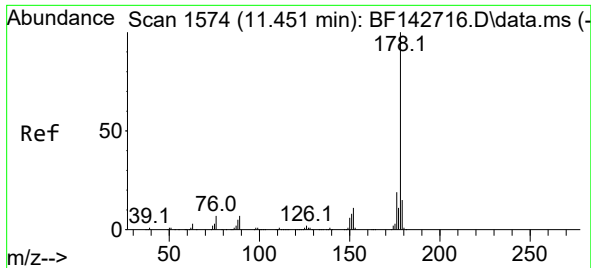
Tgt Ion:200 Resp: 96252
Ion Ratio Lower Upper
200 100
173 27.2 7.4 47.4
215 48.3 28.2 68.2



#70
Pentachlorophenol
Concen: 99.542 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:266 Resp: 136940
Ion Ratio Lower Upper
266 100
268 62.5 49.6 74.4
264 61.1 49.5 74.3

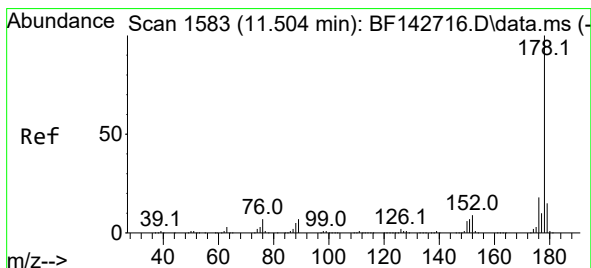
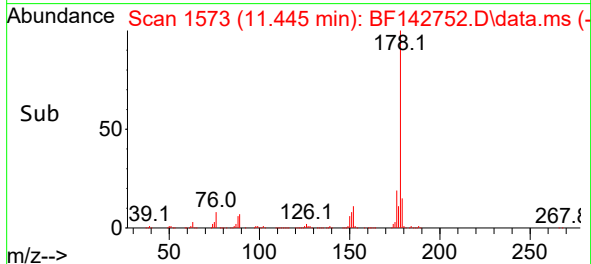
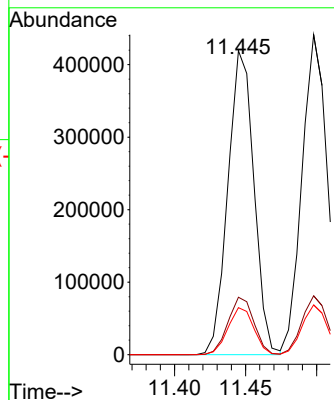
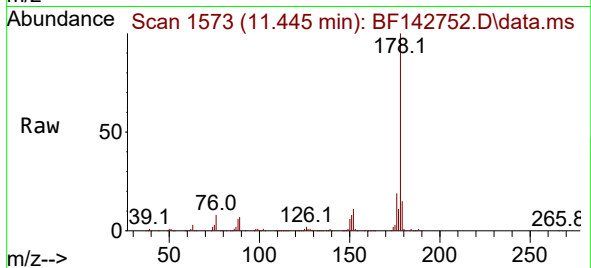




#71
Phenanthrene
Concen: 49.974 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

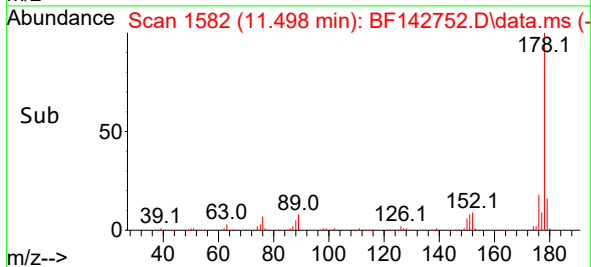
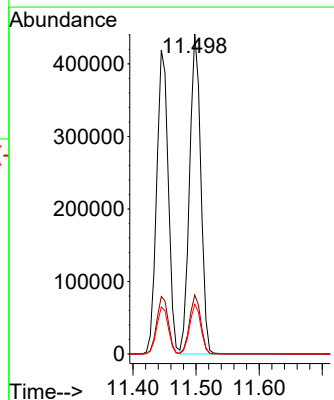
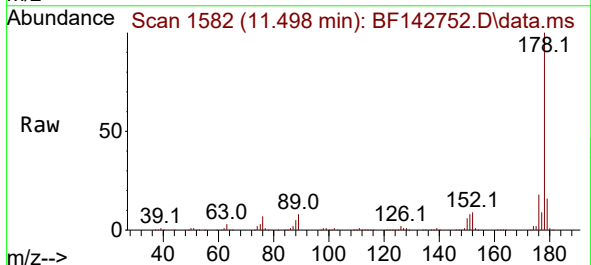
Instrument :
BNA_F
ClientSampleId :
PB168412BS

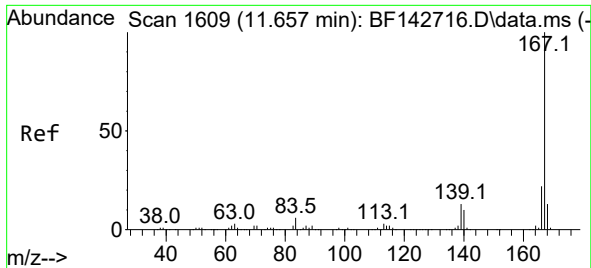
Tgt Ion:178 Resp: 536254
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 49.188 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:178 Resp: 546021
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.2

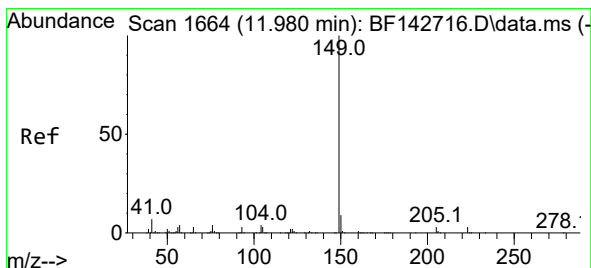
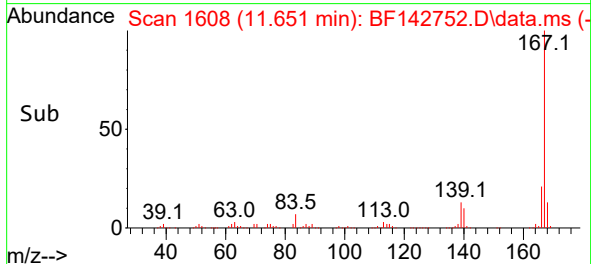
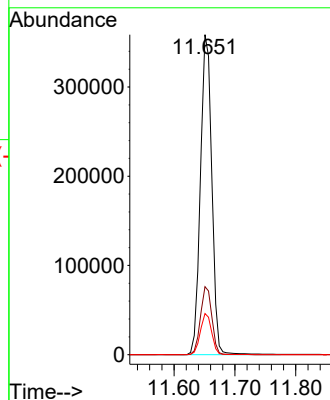
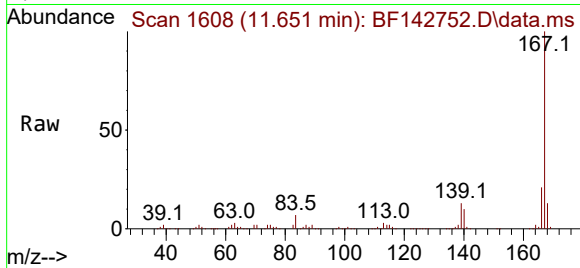




#73
 Carbazole
 Concen: 50.009 ng
 RT: 11.651 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

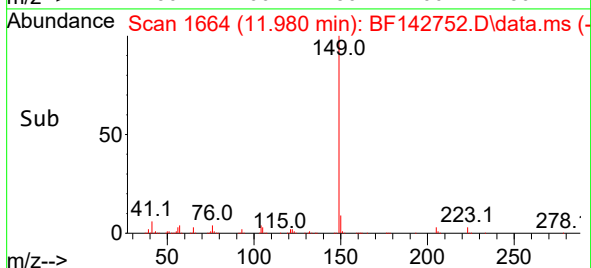
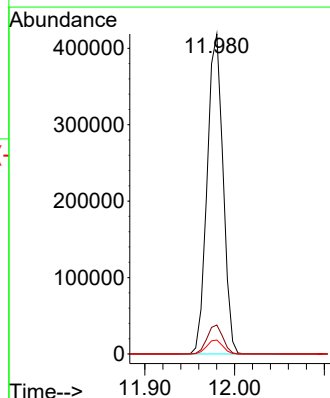
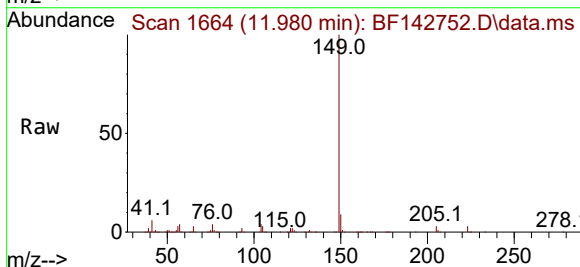
Instrument :
 BNA_F
 ClientSampleId :
 PB168412BS

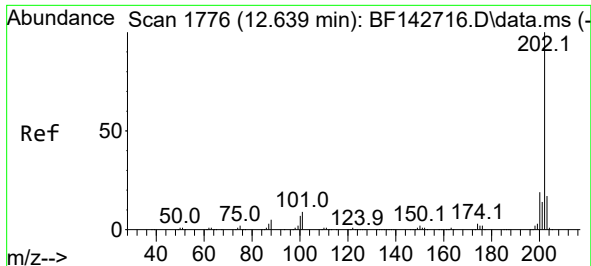
Tgt Ion:167 Resp: 464740
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.492 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

Tgt Ion:149 Resp: 513570
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.3 3.4 5.2

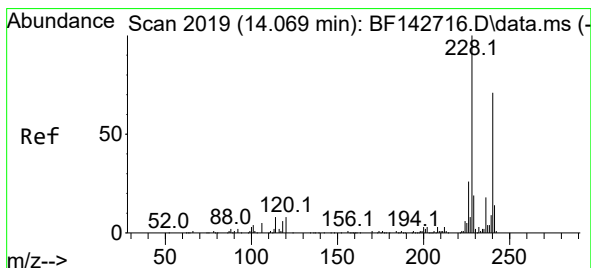
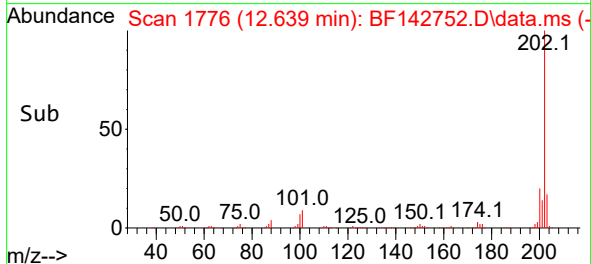
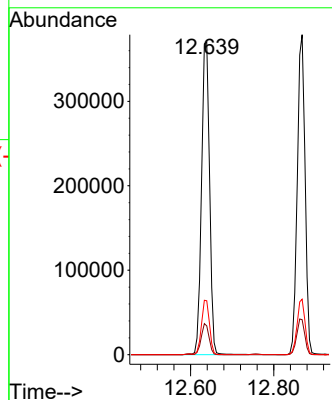
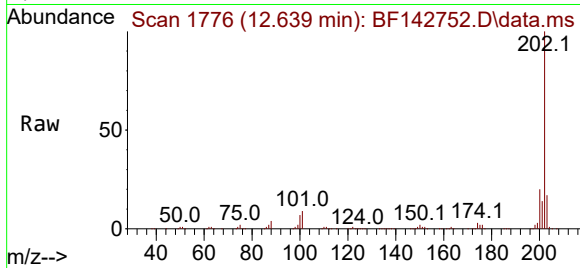




#75
Fluoranthene
Concen: 48.875 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

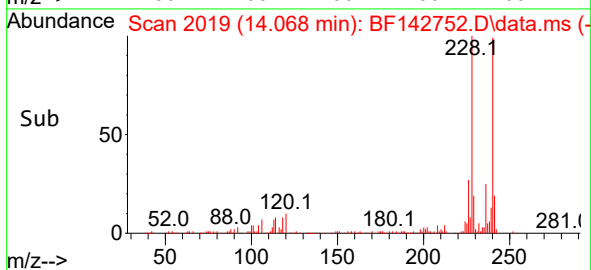
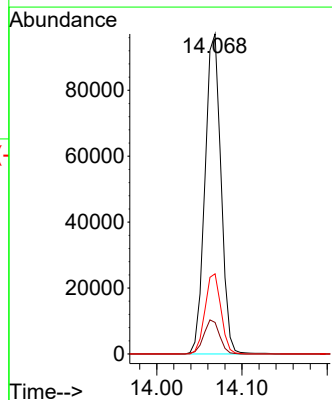
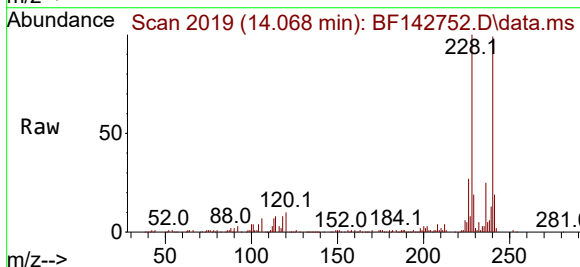
Instrument :
BNA_F
ClientSampleId :
PB168412BS

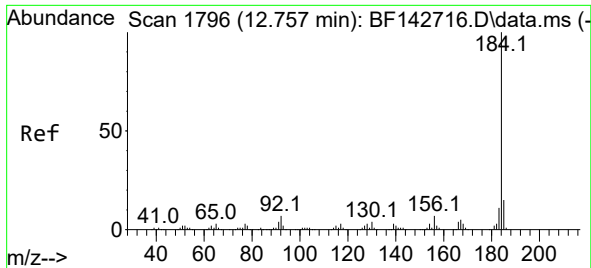
Tgt Ion:202 Resp: 498713
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.5
203 17.3 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:240 Resp: 126361
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.0 20.1 30.1

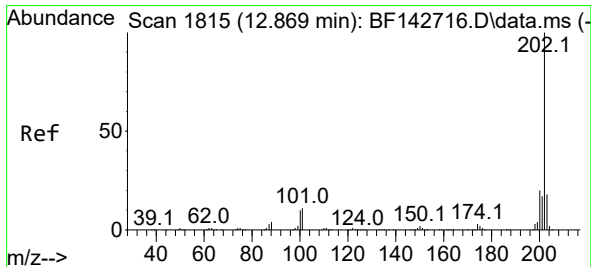
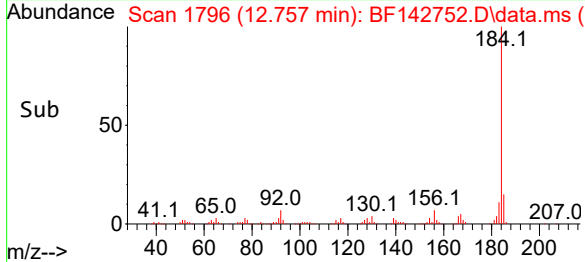
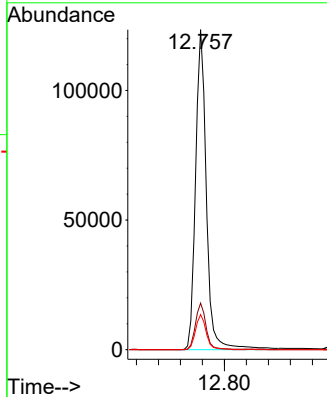
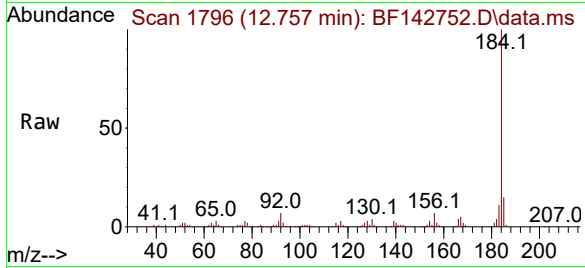




#77
Benzidine
Concen: 37.537 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

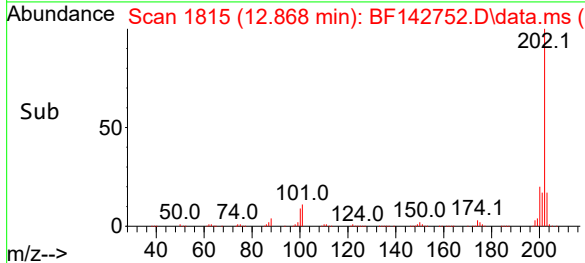
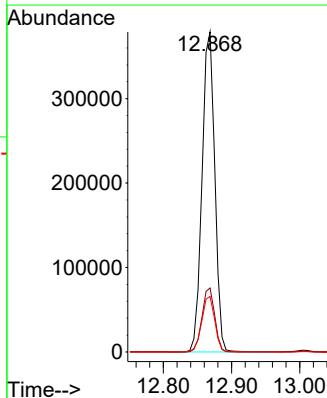
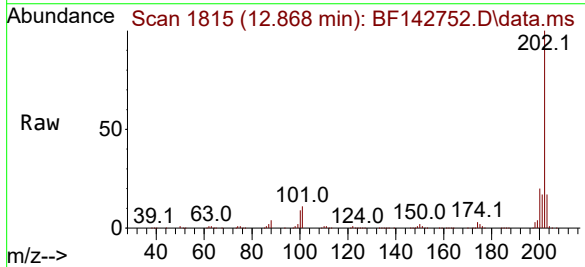
Instrument :
BNA_F
ClientSampleId :
PB168412BS

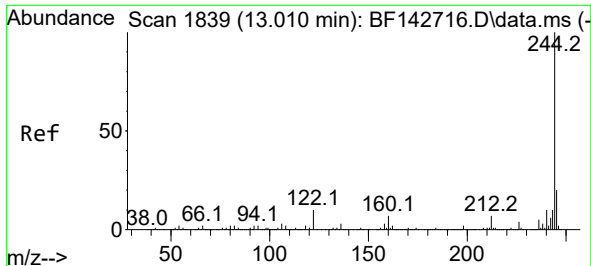
Tgt Ion:184 Resp: 168924
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.0 8.6 12.8



#78
Pyrene
Concen: 41.980 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

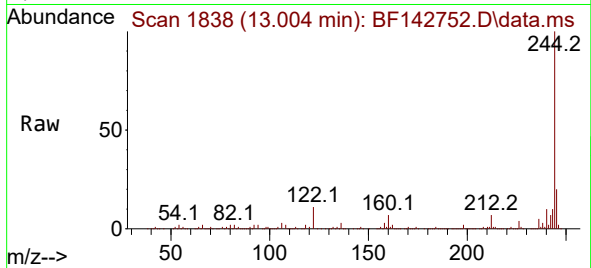
Tgt Ion:202 Resp: 492964
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 17.4 14.1 21.1



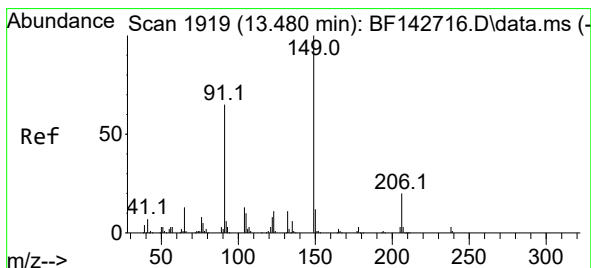
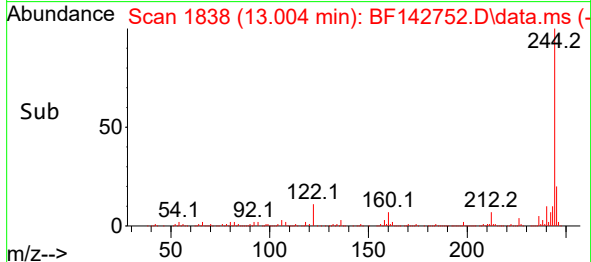
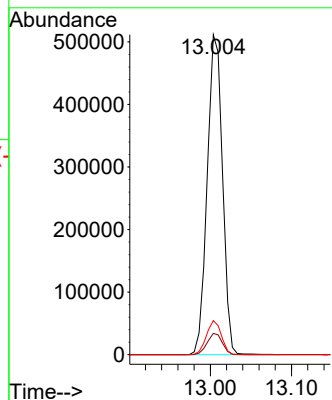


#79
 Terphenyl-d14
 Concen: 72.526 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB168412BS

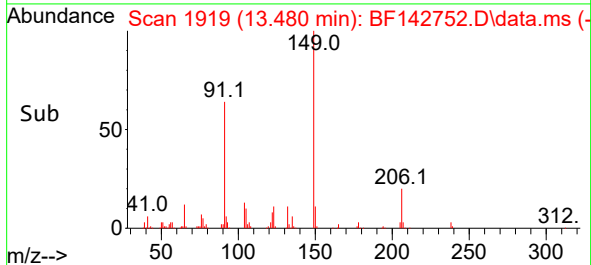
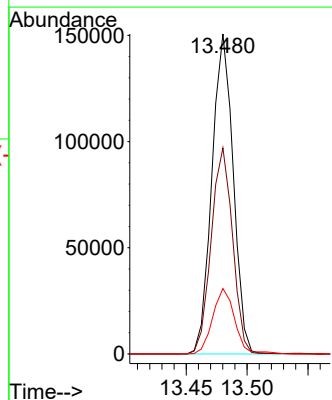
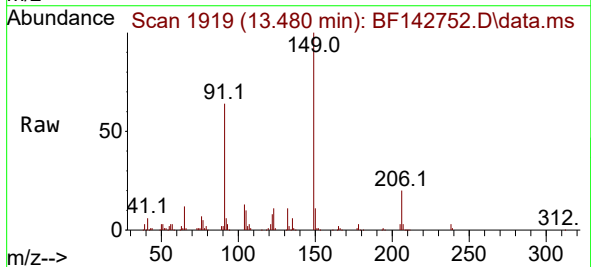


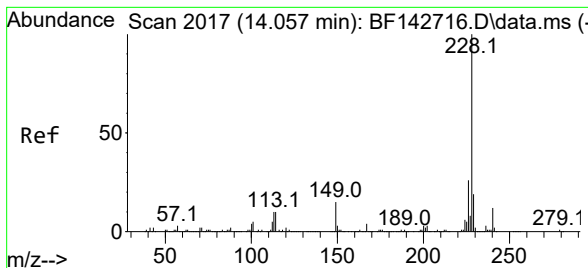
Tgt Ion:244 Resp: 667261
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 52.887 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF142752.D
 Acq: 12 Jun 2025 12:24

Tgt Ion:149 Resp: 183651
 Ion Ratio Lower Upper
 149 100
 91 64.4 52.3 78.5
 206 20.5 16.0 24.0





#81

Benzo(a)anthracene

Concen: 50.670 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

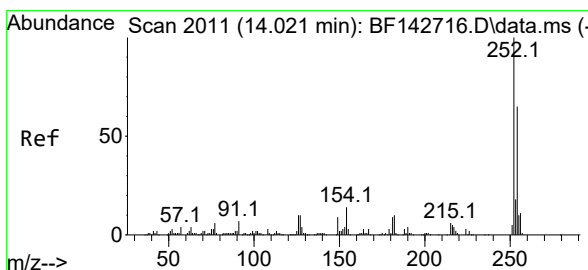
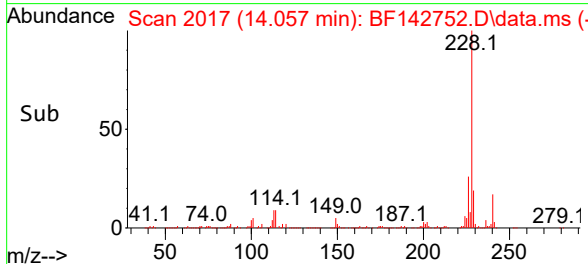
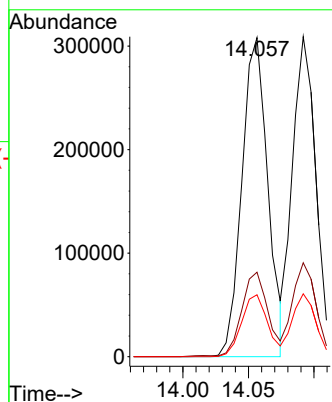
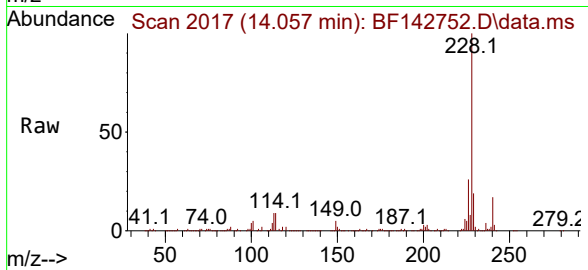
Tgt Ion:228 Resp: 424285

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 28.793 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

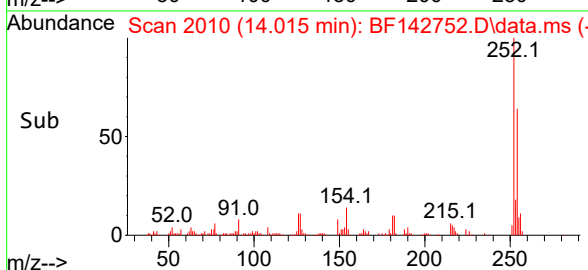
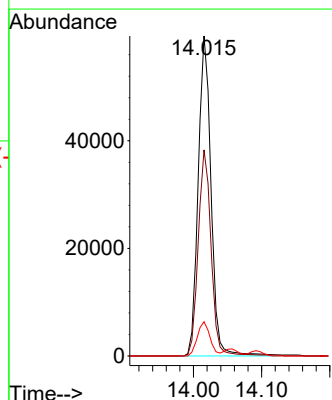
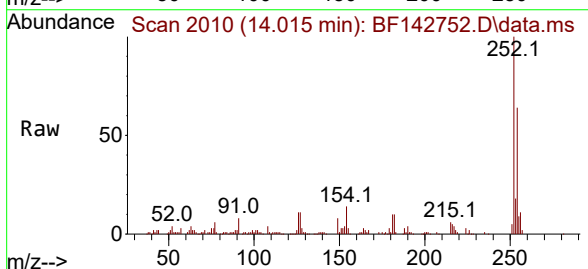
Tgt Ion:252 Resp: 77747

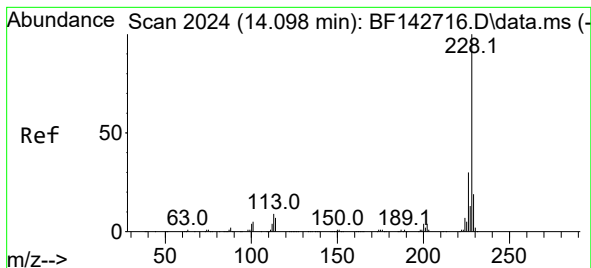
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 10.7 8.1 12.1





#83

Chrysene

Concen: 49.883 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

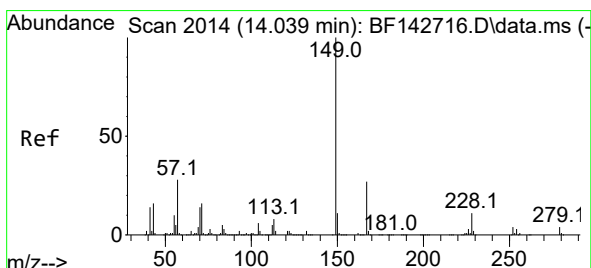
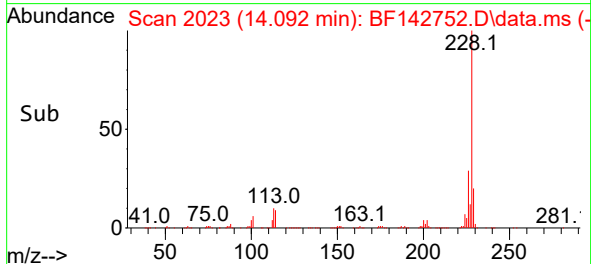
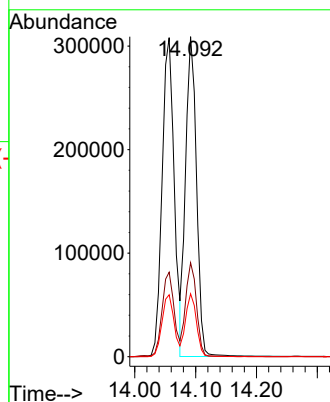
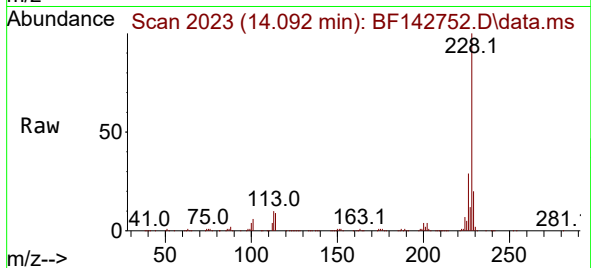
Tgt Ion:228 Resp: 385641

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.819 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

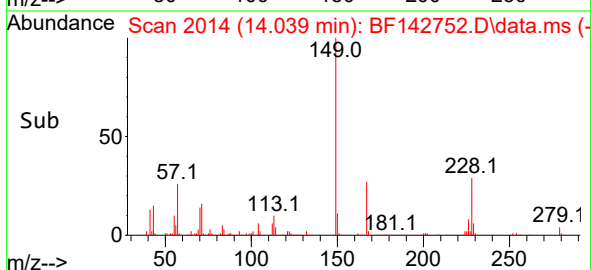
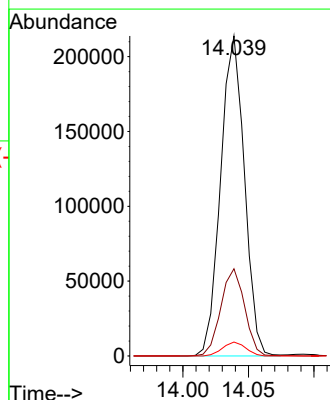
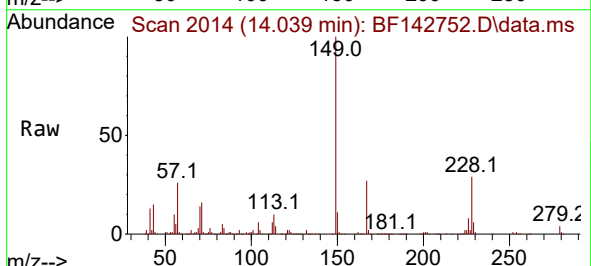
Tgt Ion:149 Resp: 270044

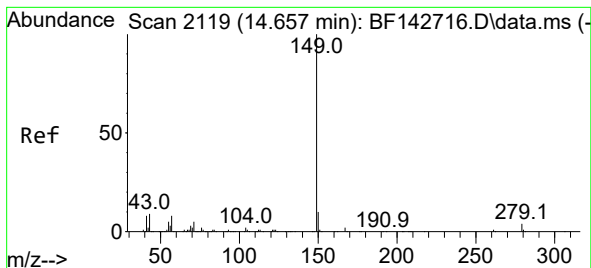
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.2

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 49.802 ng

RT: 14.656 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

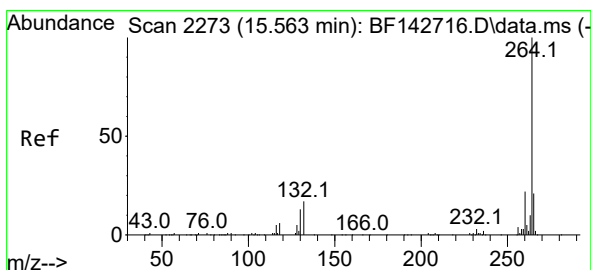
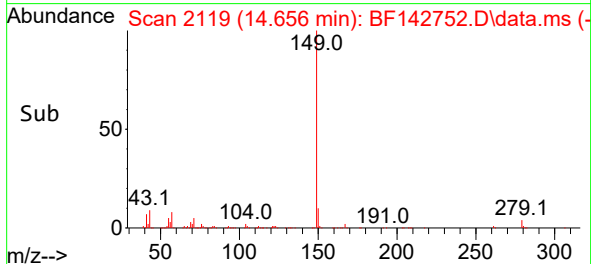
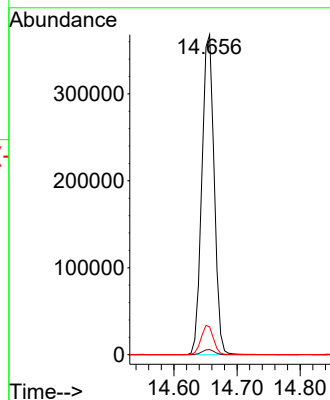
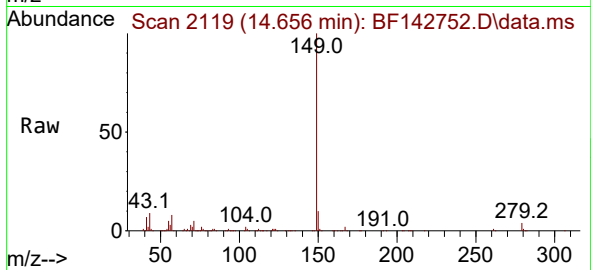
Tgt Ion:149 Resp: 497923

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.0 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

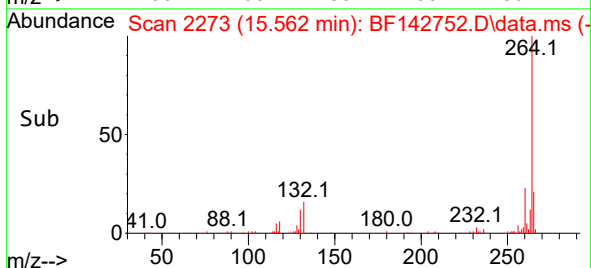
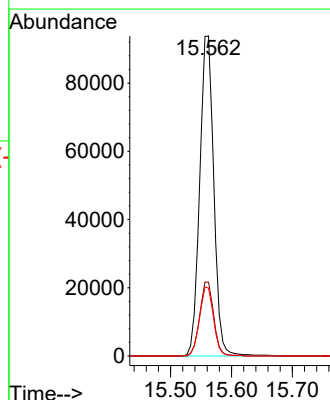
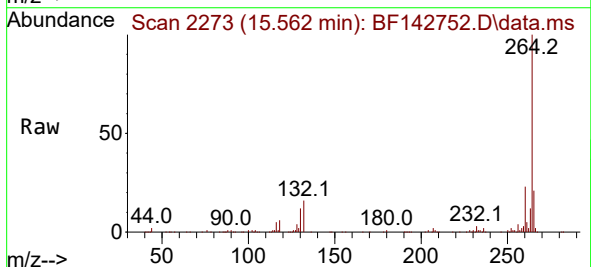
Tgt Ion:264 Resp: 151059

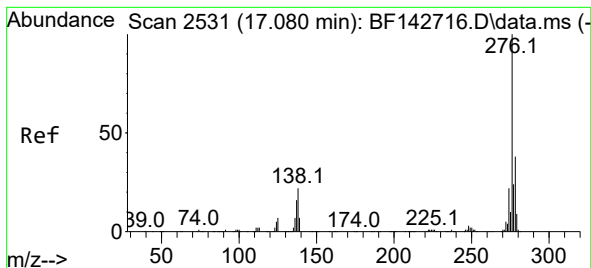
Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.6

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.041 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

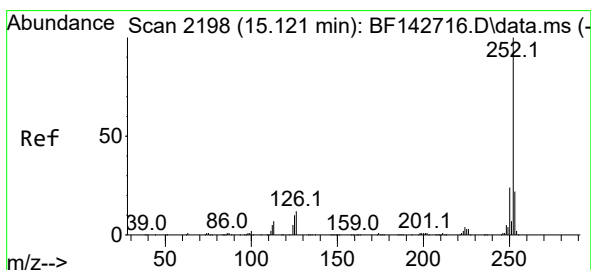
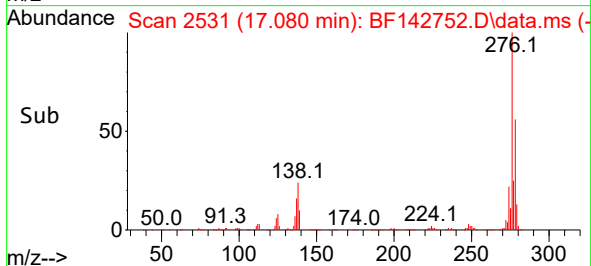
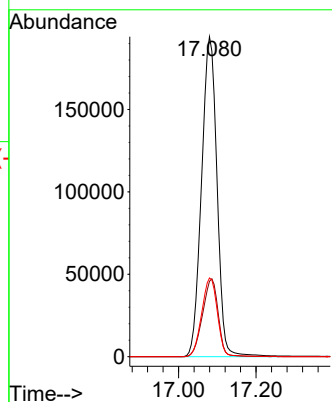
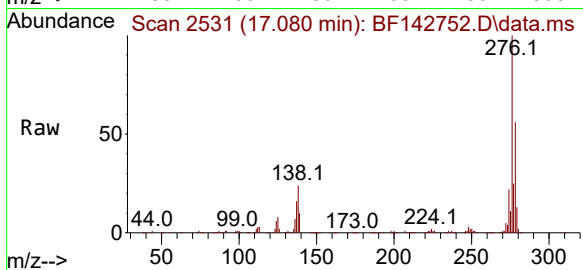
Tgt Ion:276 Resp: 537789

Ion Ratio Lower Upper

276 100

138 24.5 19.3 28.9

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.774 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

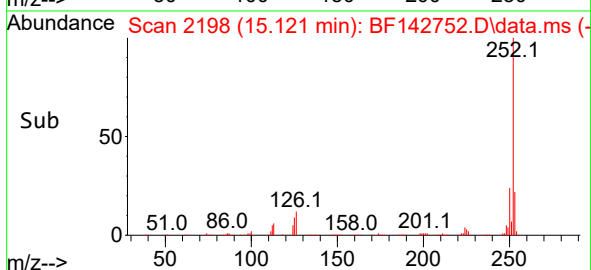
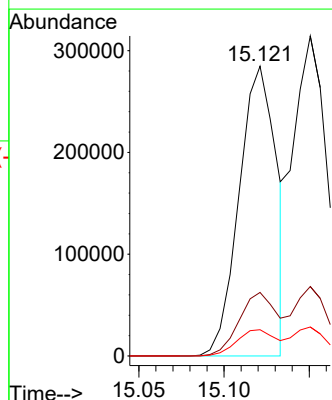
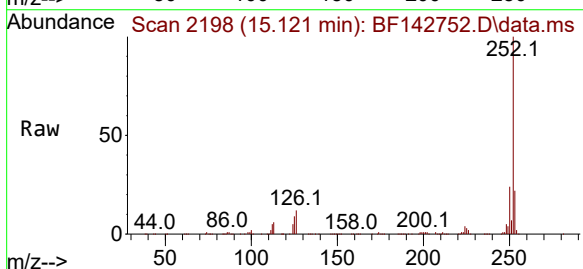
Tgt Ion:252 Resp: 433821

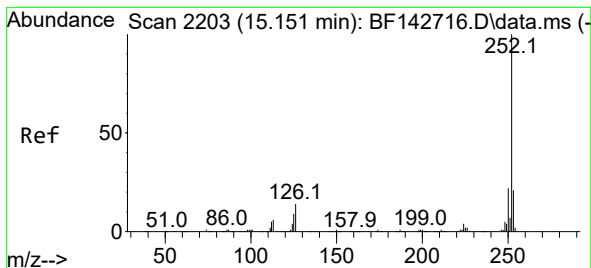
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 51.272 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

Instrument :

BNA_F

ClientSampleId :

PB168412BS

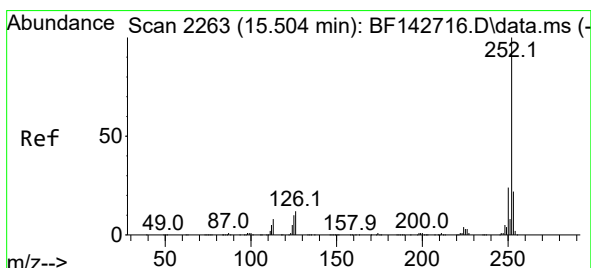
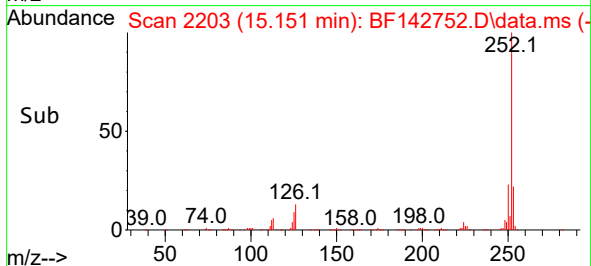
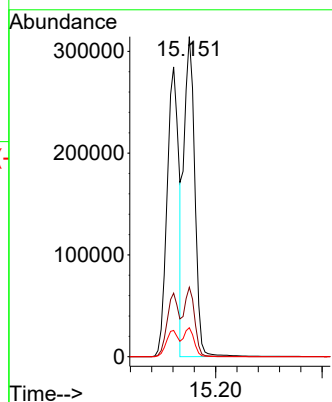
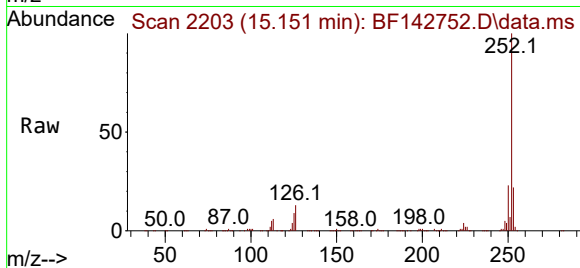
Tgt Ion:252 Resp: 442483

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 51.573 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142752.D

Acq: 12 Jun 2025 12:24

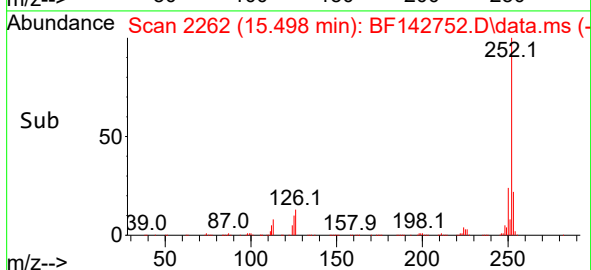
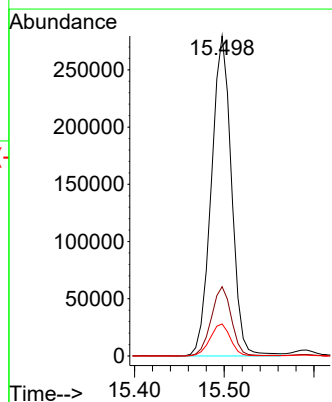
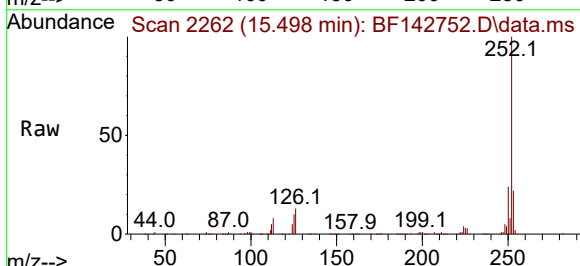
Tgt Ion:252 Resp: 436148

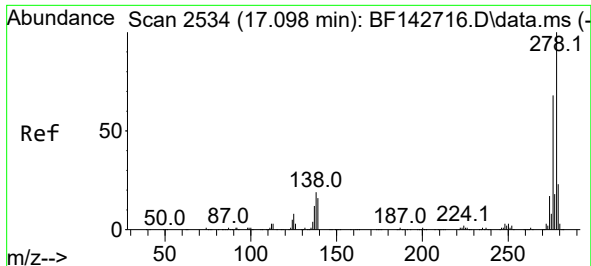
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.0 8.0 12.0

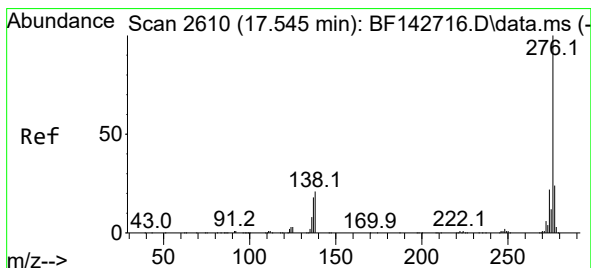
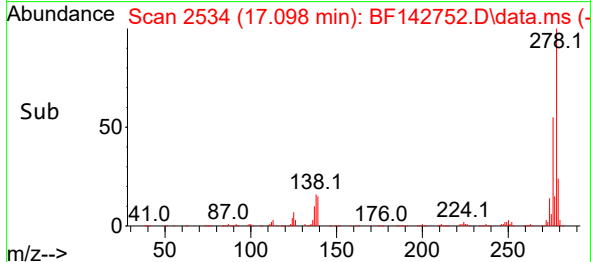
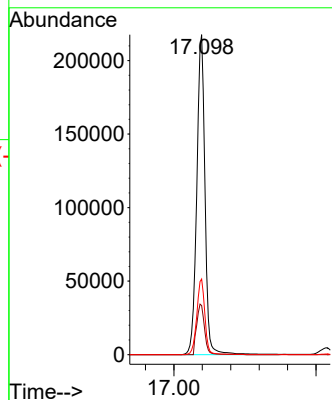
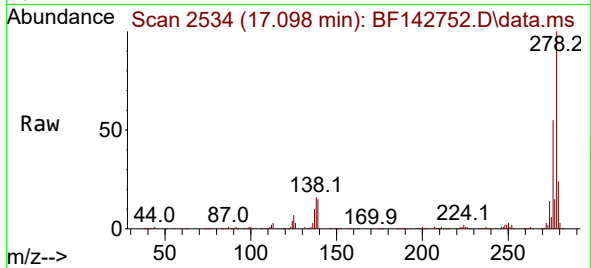




#91
Dibenzo(a,h)anthracene
Concen: 48.136 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Instrument :
BNA_F
ClientSampleId :
PB168412BS

Tgt Ion:278 Resp: 439987
Ion Ratio Lower Upper
278 100
139 15.4 12.8 19.2
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 47.464 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF142752.D
Acq: 12 Jun 2025 12:24

Tgt Ion:276 Resp: 431413
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 21.0 16.4 24.6

