

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142750.D
 Acq On : 12 Jun 2025 11:25
 Operator : RC/JU
 Sample : PB168259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168259BS

Quant Time: Jun 12 11:54:07 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	6.893	152	68728	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	259756	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	133412	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	196055	20.000	ng	0.00
76) Chrysene-d12	14.069	240	125134	20.000	ng	0.00
86) Perylene-d12	15.563	264	151859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	543894	134.782	ng	0.02
7) Phenol-d6	6.522	99	634635	133.635	ng	0.00
23) Nitrobenzene-d5	7.457	82	403381	84.988	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	183453	125.466	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	857757	85.418	ng	0.00
79) Terphenyl-d14	13.010	244	660636	72.510	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	62682	39.250	ng	99
3) Pyridine	3.505	79	174463	43.569	ng	99
4) n-Nitrosodimethylamine	3.457	42	100333	48.972	ng	98
6) Aniline	6.557	93	235784	37.095	ng	98
8) 2-Chlorophenol	6.675	128	213613	48.439	ng	99
9) Benzaldehyde	6.440	77	101092	34.374	ng	99
10) Phenol	6.540	94	246020	46.606	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	187665	47.596	ng	100
12) 1,3-Dichlorobenzene	6.834	146	233376	46.372	ng	98
13) 1,4-Dichlorobenzene	6.910	146	237027	46.602	ng	100
14) 1,2-Dichlorobenzene	7.063	146	227881	46.741	ng	99
15) Benzyl Alcohol	7.034	79	170503	47.501	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	288917	46.541	ng	94
17) 2-Methylphenol	7.145	107	160140	47.369	ng	99
18) Hexachloroethane	7.404	117	83239	45.667	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	137535	45.491	ng	99
20) 3+4-Methylphenols	7.298	107	198576	46.591	ng	96
22) Acetophenone	7.304	105	277292	47.990	ng	99
24) Nitrobenzene	7.475	77	203898	48.403	ng	99
25) Isophorone	7.716	82	367891	45.779	ng	99
26) 2-Nitrophenol	7.792	139	114017	48.498	ng	100
27) 2,4-Dimethylphenol	7.828	122	188342	47.054	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	230340	46.166	ng	100
29) 2,4-Dichlorophenol	8.034	162	174469	47.231	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	197830	48.466	ng	99
31) Naphthalene	8.198	128	610212	47.500	ng	100
32) Benzoic acid	7.945	122	102917	45.656	ng	99
33) 4-Chloroaniline	8.245	127	108122	20.962	ng	99
34) Hexachlorobutadiene	8.316	225	123159	47.349	ng	99
35) Caprolactam	8.616	113	45459	45.590	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	174031	45.309	ng	98
37) 2-Methylnaphthalene	8.887	142	378269	46.521	ng	100
38) 1-Methylnaphthalene	8.987	142	388533	46.125	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	193655	50.153	ng	99
41) Hexachlorocyclopentadiene	9.045	237	249640	100.731	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	122429	48.981	ng	99

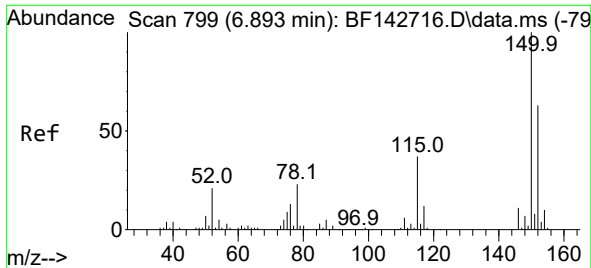
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	129417	47.938	ng	99
46) 1,1'-Biphenyl	9.357	154	515786	49.788	ng	99
47) 2-Chloronaphthalene	9.381	162	377304	49.436	ng	99
48) 2-Nitroaniline	9.475	65	104883	48.317	ng	99
49) Acenaphthylene	9.798	152	617677	47.998	ng	100
50) Dimethylphthalate	9.651	163	416010	46.695	ng	99
51) 2,6-Dinitrotoluene	9.716	165	90885	47.201	ng	94
52) Acenaphthene	9.969	154	407086	51.020	ng	100
53) 3-Nitroaniline	9.886	138	57256	27.416	ng	100
54) 2,4-Dinitrophenol	9.998	184	101087	95.842	ng	89
55) Dibenzofuran	10.139	168	533697	46.972	ng	99
56) 4-Nitrophenol	10.051	139	128104	90.440	ng	98
57) 2,4-Dinitrotoluene	10.122	165	119582	46.972	ng	99
58) Fluorene	10.486	166	408780	45.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	100716	44.344	ng	97
60) Diethylphthalate	10.351	149	394552	44.663	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	201585	46.005	ng	99
62) 4-Nitroaniline	10.498	138	83841	44.873	ng	99
63) Azobenzene	10.633	77	348697	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	62500	50.907	ng	93
66) n-Nitrosodiphenylamine	10.592	169	343784	51.013	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	118777	51.325	ng	96
68) Hexachlorobenzene	11.033	284	131197	51.073	ng	98
69) Atrazine	11.116	200	94336	52.505	ng	99
70) Pentachlorophenol	11.228	266	133589	99.208	ng	99
71) Phenanthrene	11.445	178	526047	50.083	ng	99
72) Anthracene	11.498	178	536828	49.406	ng	99
73) Carbazole	11.651	167	456048	50.136	ng	99
74) Di-n-butylphthalate	11.980	149	500868	49.312	ng	100
75) Fluoranthene	12.639	202	488146	48.875	ng	99
77) Benzidine	12.757	184	174245	39.099	ng	99
78) Pyrene	12.869	202	488130	41.976	ng	100
80) Butylbenzylphthalate	13.480	149	185187	53.853	ng	99
81) Benzo(a)anthracene	14.057	228	410291	49.479	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	76566	28.634	ng	99
83) Chrysene	14.092	228	384377	50.207	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	276777	53.632	ng	100
85) Di-n-octyl phthalate	14.657	149	506808	51.187	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	543031	48.254	ng	100
88) Benzo(b)fluoranthene	15.121	252	473532	52.958	ng	99
89) Benzo(k)fluoranthene	15.151	252	403601	46.520	ng	99
90) Benzo(a)pyrene	15.504	252	433248	50.960	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	436254	47.477	ng	99
92) Benzo(g,h,i)perylene	17.545	276	428212	46.864	ng	99

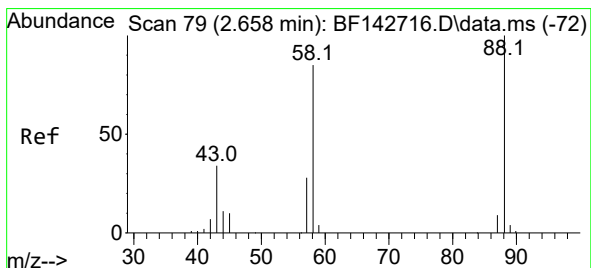
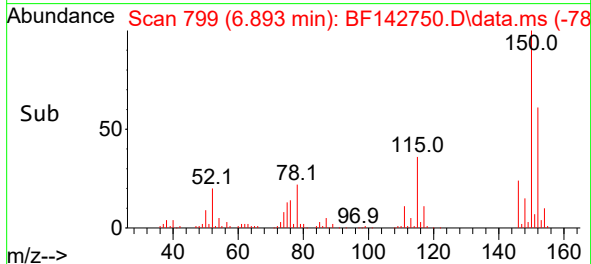
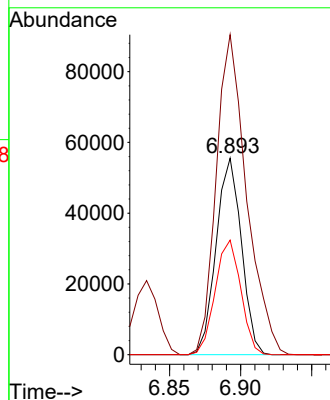
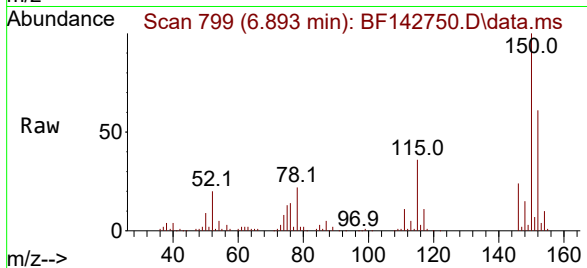
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142750.D
 Acq: 12 Jun 2025 11:25

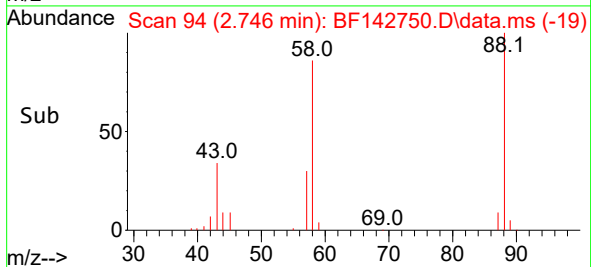
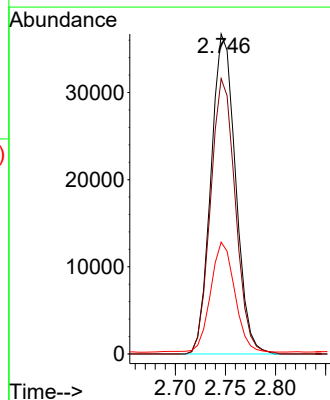
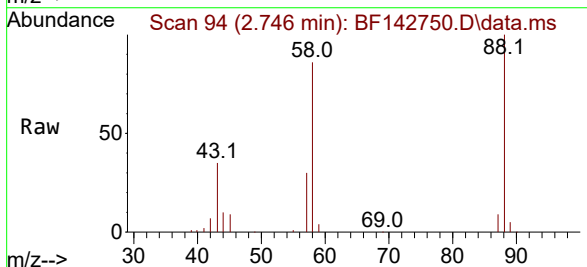
Instrument :
 BNA_F
 ClientSampleId :
 PB168259BS

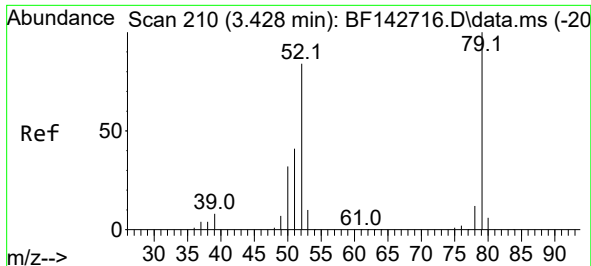
Tgt Ion:152 Resp: 68728
 Ion Ratio Lower Upper
 152 100
 150 162.8 126.9 190.3
 115 58.3 47.0 70.6



#2
 1,4-Dioxane
 Concen: 39.250 ng
 RT: 2.746 min Scan# 94
 Delta R.T. 0.088 min
 Lab File: BF142750.D
 Acq: 12 Jun 2025 11:25

Tgt Ion: 88 Resp: 62682
 Ion Ratio Lower Upper
 88 100
 58 86.7 68.4 102.6
 43 33.9 27.0 40.6

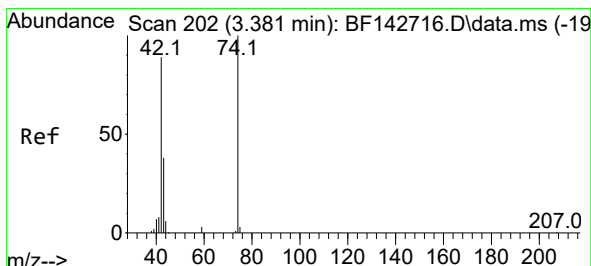
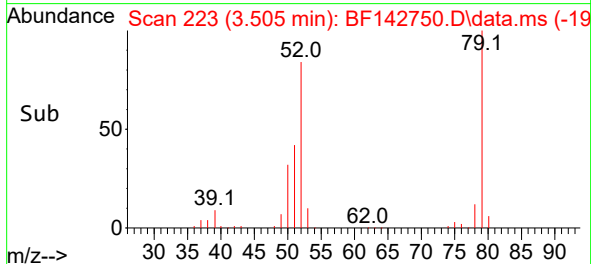
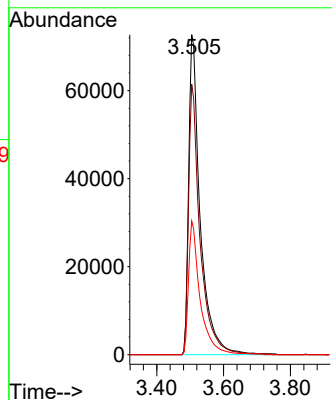
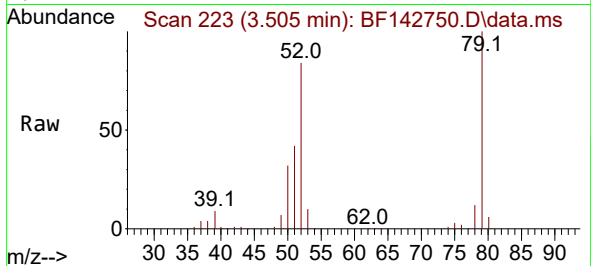




#3
Pyridine
Concen: 43.569 ng
RT: 3.505 min Scan# 210
Delta R.T. 0.076 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

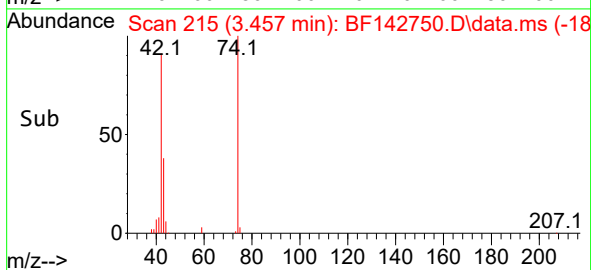
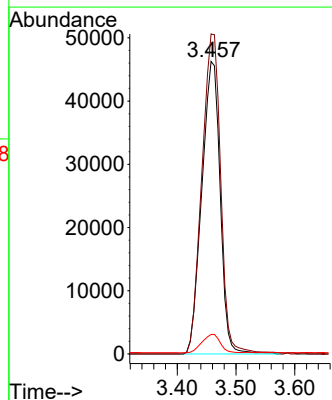
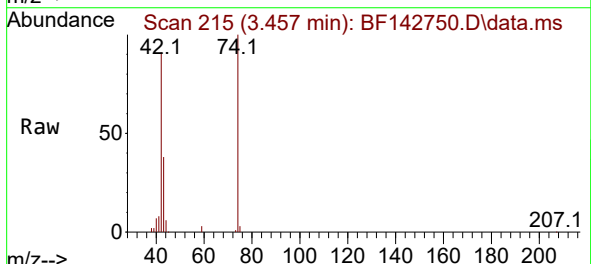
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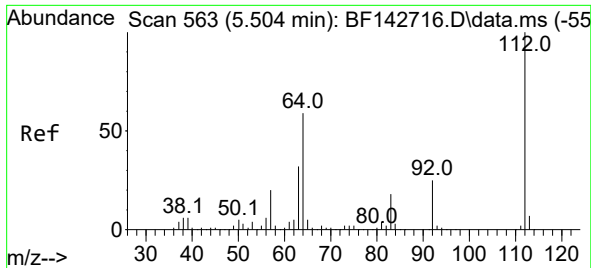
Tgt Ion: 79 Resp: 174463
Ion Ratio Lower Upper
79 100
52 84.5 67.1 100.7
51 41.8 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 48.972 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.076 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion: 42 Resp: 100333
Ion Ratio Lower Upper
42 100
74 109.4 89.6 134.4
44 6.7 5.4 8.2

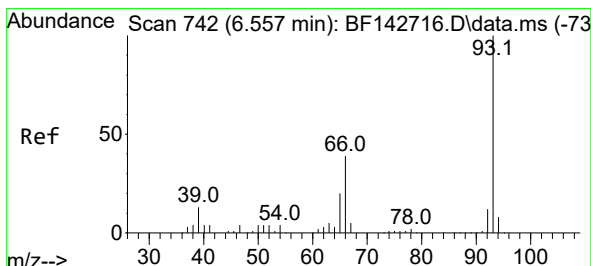
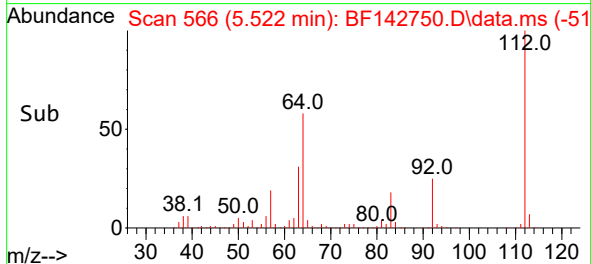
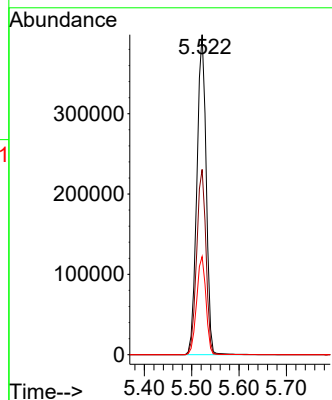
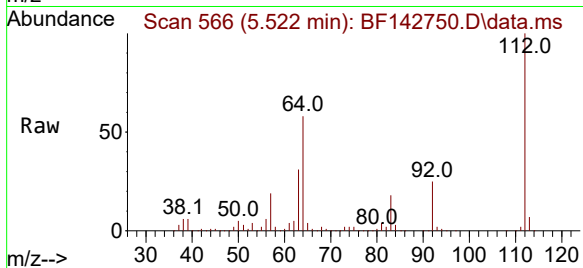




#5
2-Fluorophenol
Concen: 134.782 ng
RT: 5.522 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

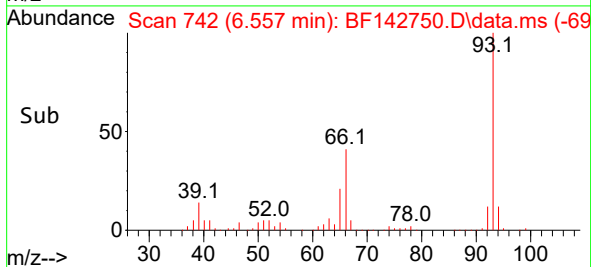
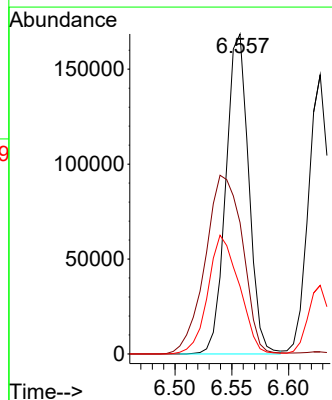
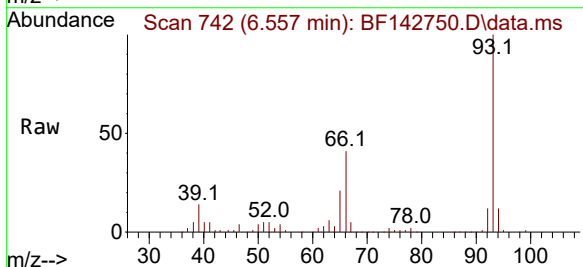
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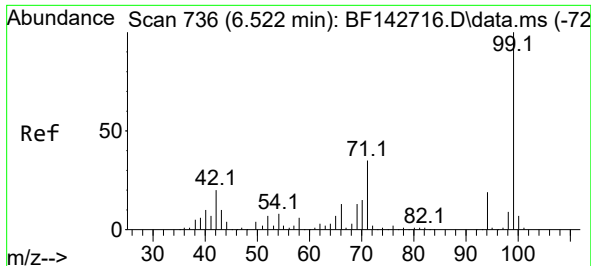
Tgt Ion:112 Resp: 543894
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 30.6 25.4 38.0



#6
Aniline
Concen: 37.095 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion: 93 Resp: 235784
Ion Ratio Lower Upper
93 100
66 41.1 32.0 48.0
65 21.1 16.1 24.1

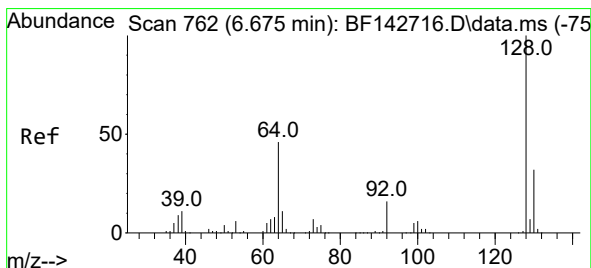
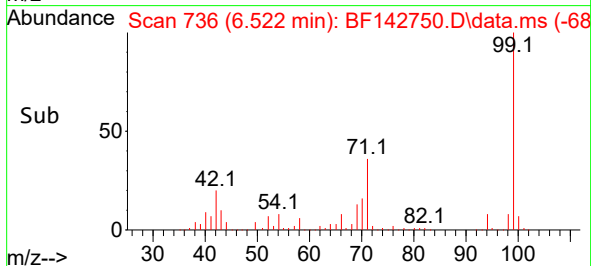
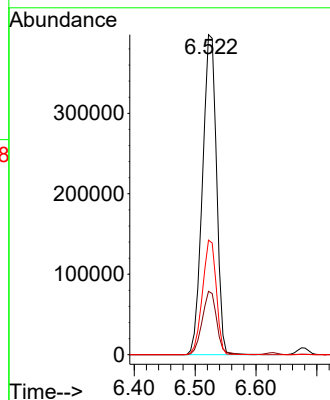
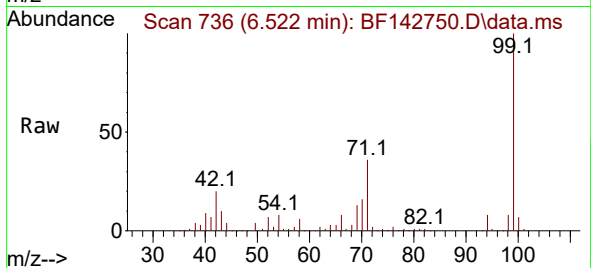




#7
Phenol-d6
Concen: 133.635 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

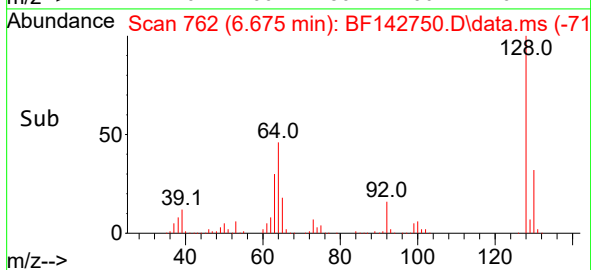
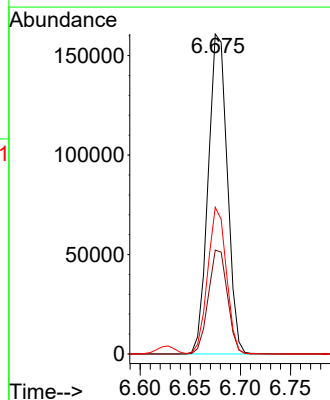
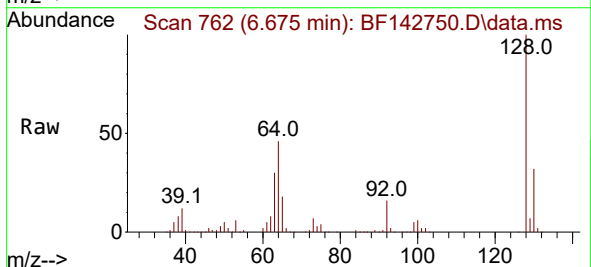
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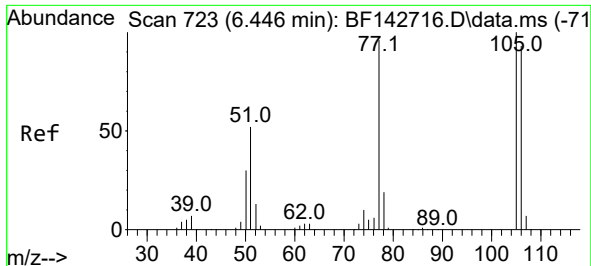
Tgt Ion: 99 Resp: 634635
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.8 28.0 42.0



#8
2-Chlorophenol
Concen: 48.439 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:128 Resp: 213613
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 45.9 26.5 66.5

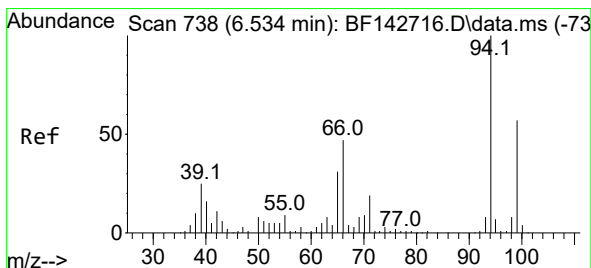
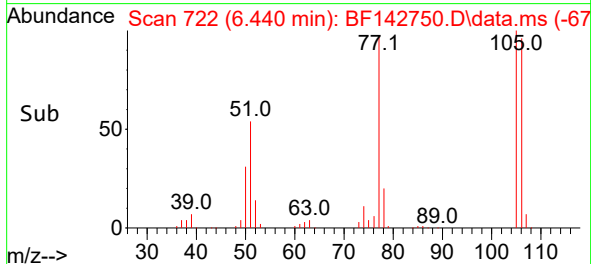
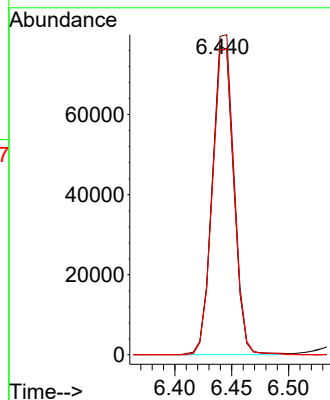
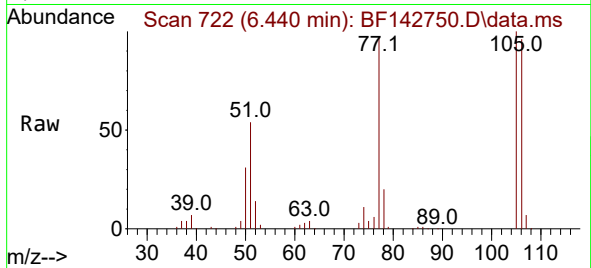




#9
Benzaldehyde
Concen: 34.374 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

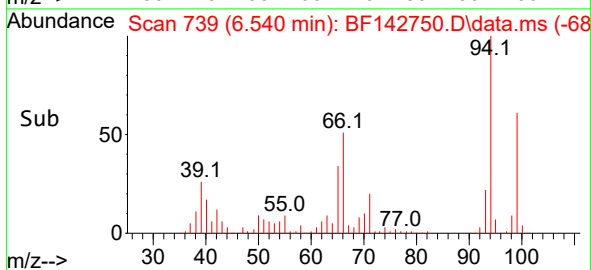
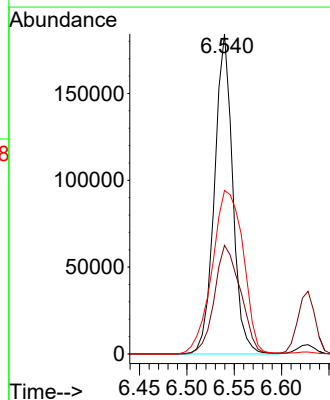
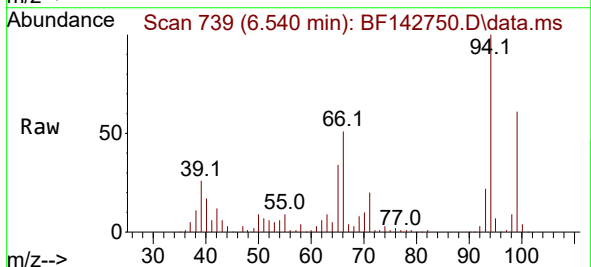
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ClientSampleId :
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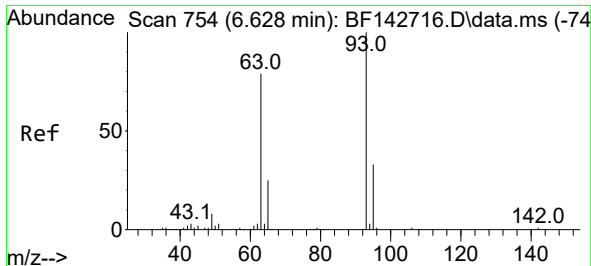
Tgt Ion: 77 Resp: 101092
Ion Ratio Lower Upper
77 100
105 103.1 84.1 124.1
106 98.7 77.2 117.2



#10
Phenol
Concen: 46.606 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion: 94 Resp: 246020
Ion Ratio Lower Upper
94 100
65 33.9 11.4 51.4
66 51.1 26.7 66.7

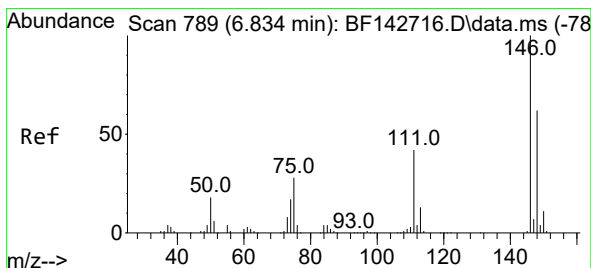
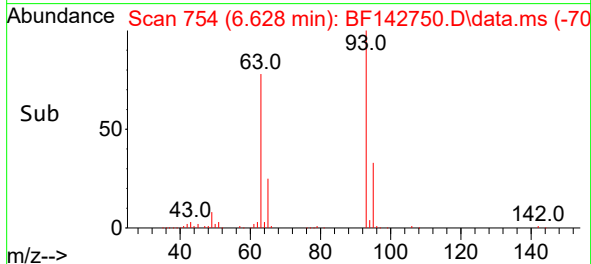
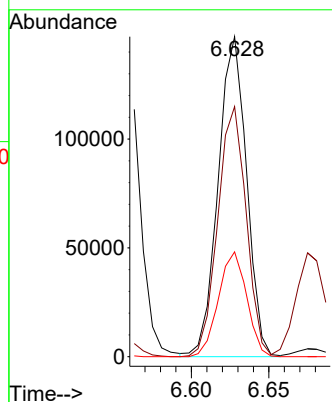
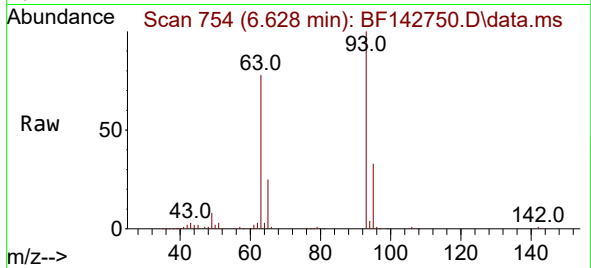




#11
bis(2-Chloroethyl)ether
Concen: 47.596 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

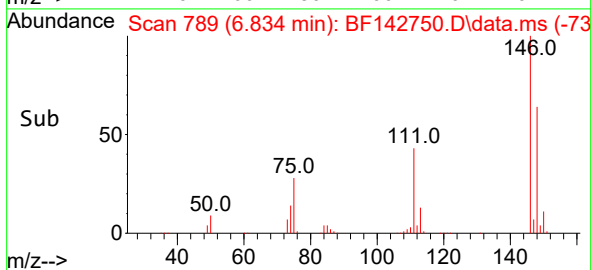
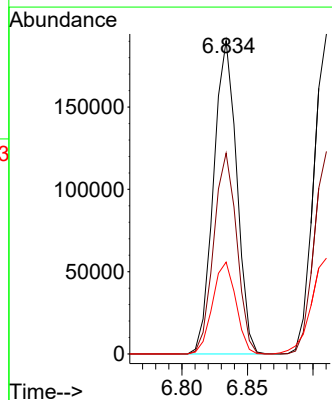
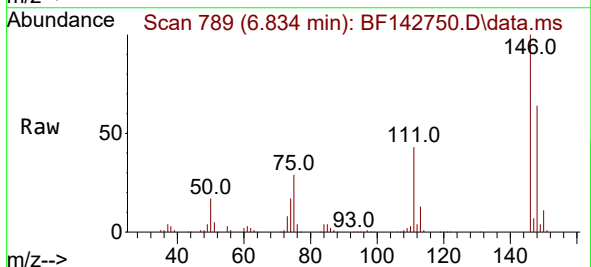
Instrument :
BNA_F
ClientSampleId :
PB168259BS

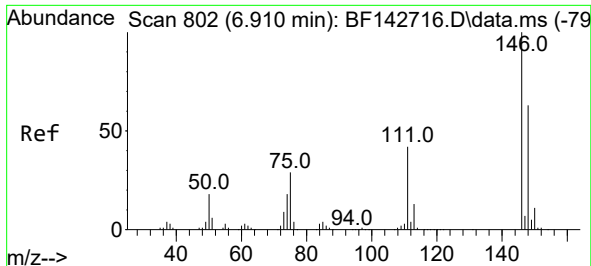
Tgt Ion: 93 Resp: 187665
Ion Ratio Lower Upper
93 100
63 78.2 58.3 98.3
95 32.8 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 46.372 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:146 Resp: 233376
Ion Ratio Lower Upper
146 100
148 64.1 49.9 74.9
75 29.3 22.6 34.0

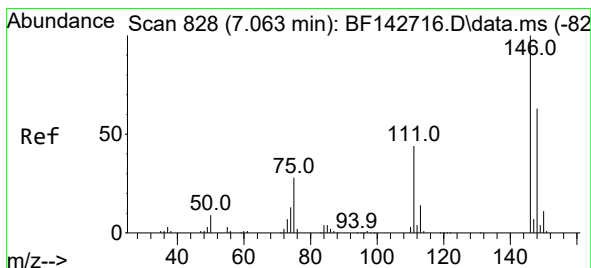
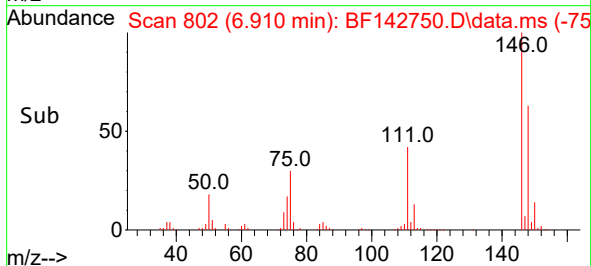
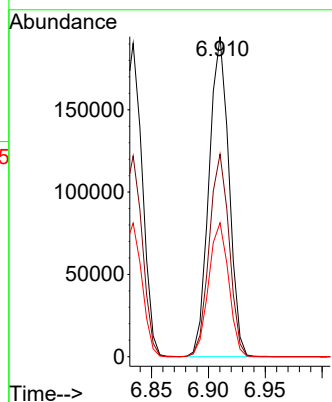
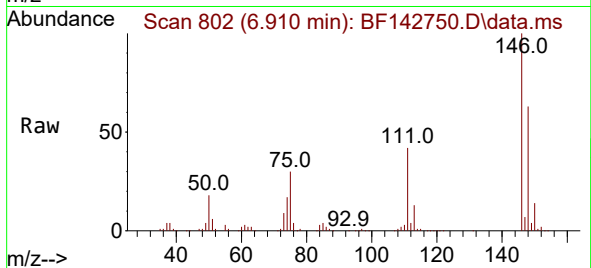




#13
1,4-Dichlorobenzene
Concen: 46.602 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

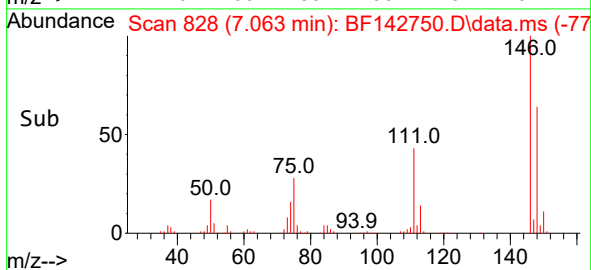
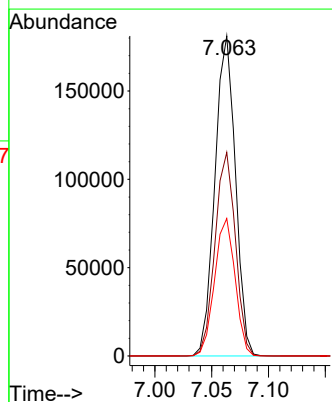
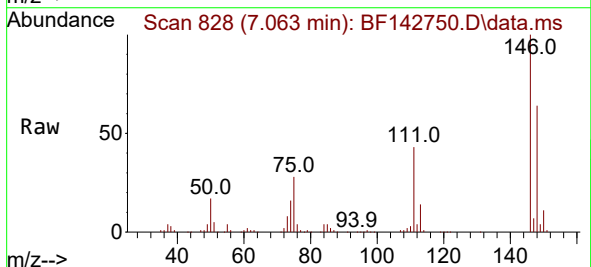
Instrument :
BNA_F
ClientSampleId :
PB168259BS

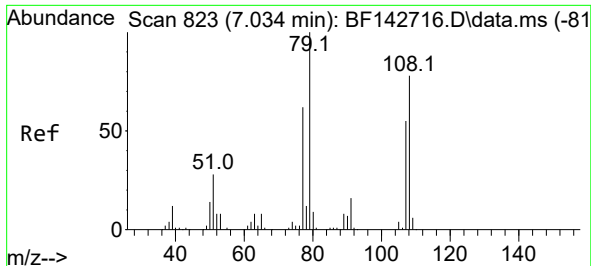
Tgt Ion:146 Resp: 237027
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 41.8 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 46.741 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:146 Resp: 227881
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
111 43.0 35.2 52.8

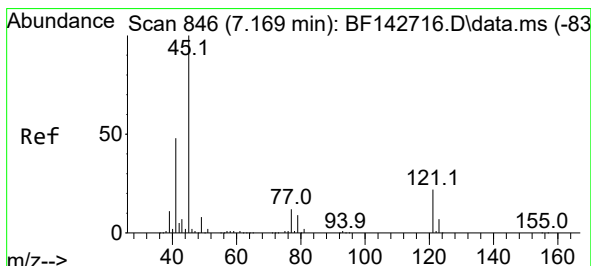
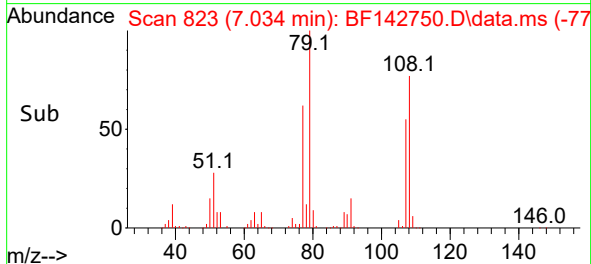
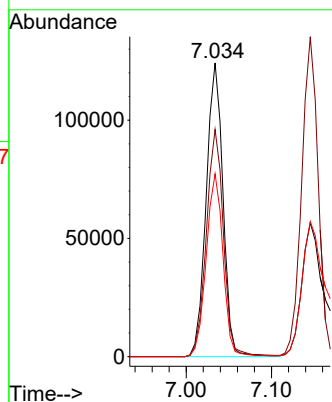
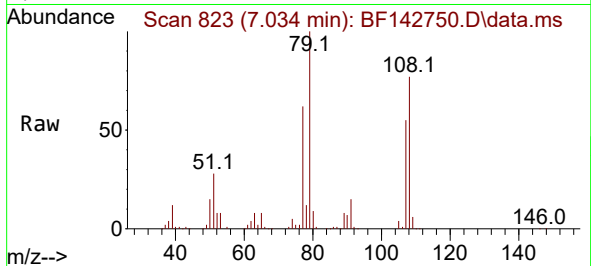




#15
Benzyl Alcohol
Concen: 47.501 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

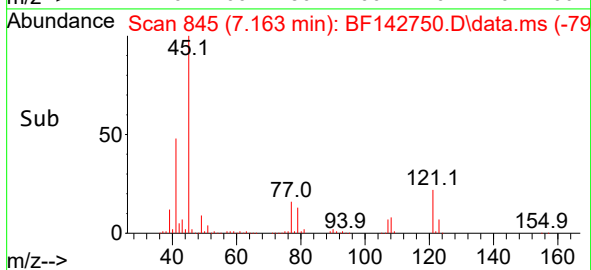
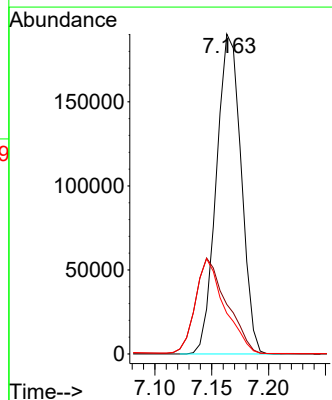
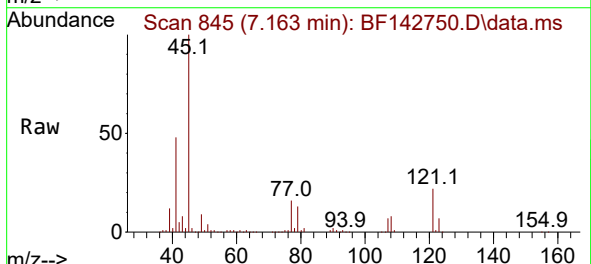
Instrument :
BNA_F
ClientSampleId :
PB168259BS

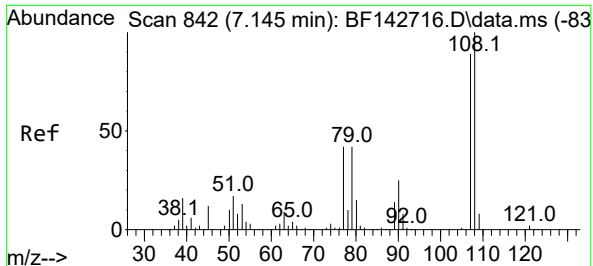
Tgt Ion: 79 Resp: 170503
Ion Ratio Lower Upper
79 100
108 77.4 62.6 94.0
77 62.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.541 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion: 45 Resp: 288917
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.1
79 12.7 0.0 30.5

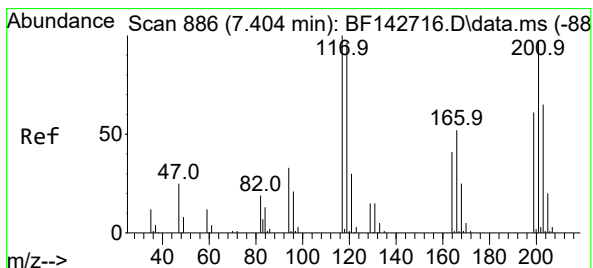
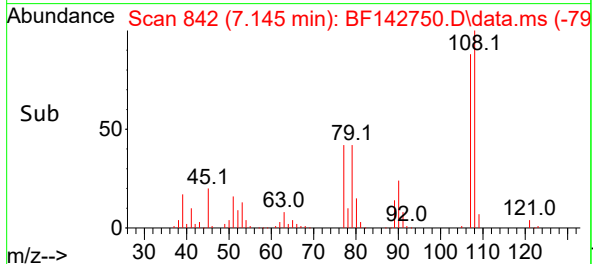
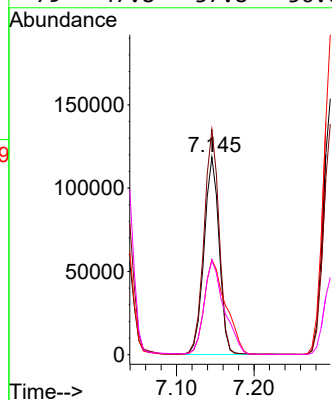
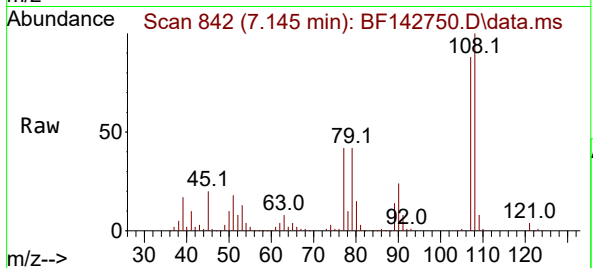




#17
2-Methylphenol
Concen: 47.369 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

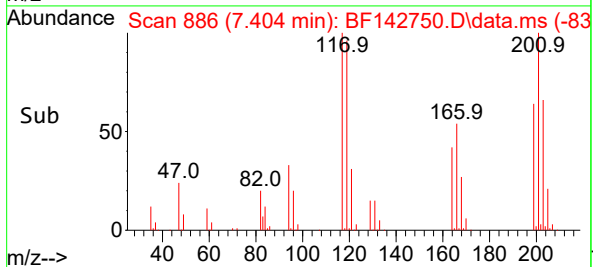
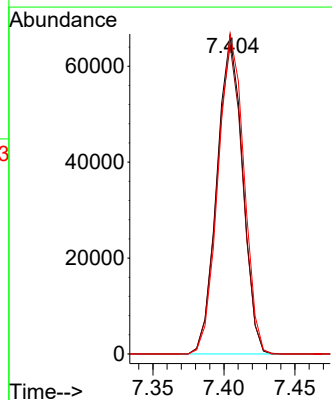
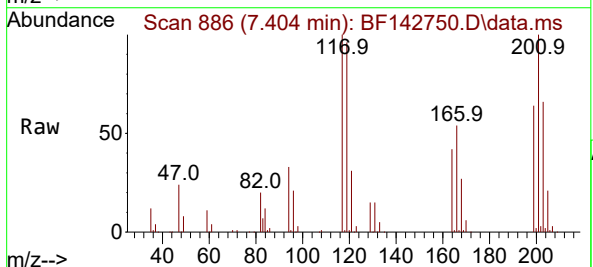
Instrument :
BNA_F
ClientSampleId :
PB168259BS

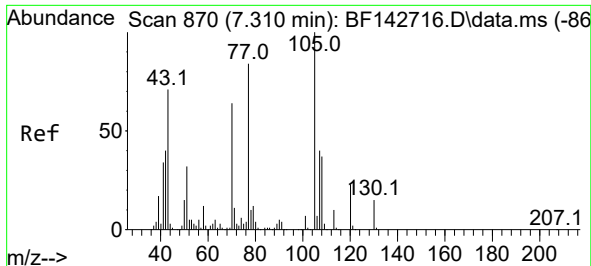
Tgt Ion:107 Resp: 160140
Ion Ratio Lower Upper
107 100
108 114.1 90.0 135.0
77 48.2 38.2 57.2
79 47.8 37.8 56.6



#18
Hexachloroethane
Concen: 45.667 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:117 Resp: 83239
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6
201 100.4 77.8 116.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.491 ng

RT: 7.304 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF142750.D

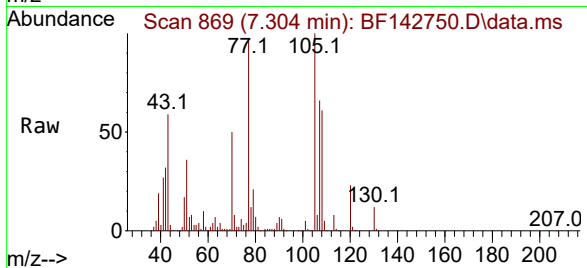
Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS



Tgt Ion: 70 Resp: 137535

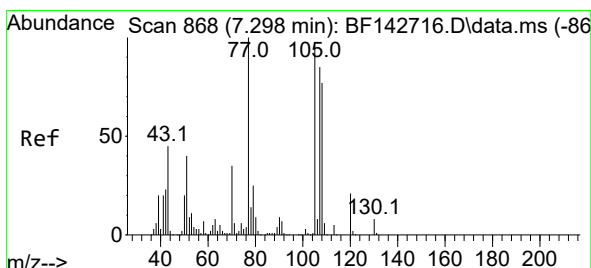
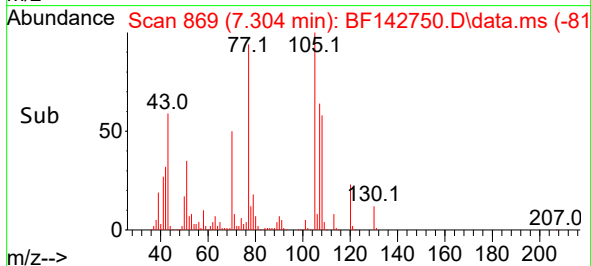
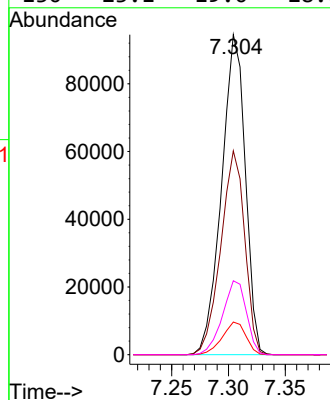
Ion Ratio Lower Upper

70 100

42 63.7 50.2 75.4

101 10.2 8.3 12.5

130 23.1 19.0 28.6



#20

3+4-Methylphenols

Concen: 46.591 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Tgt Ion: 107 Resp: 198576

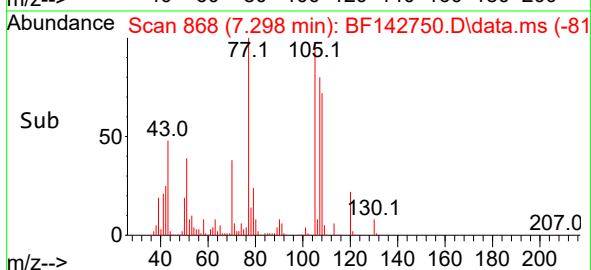
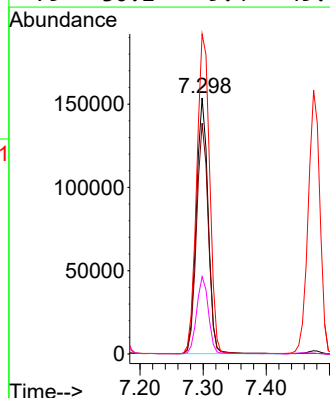
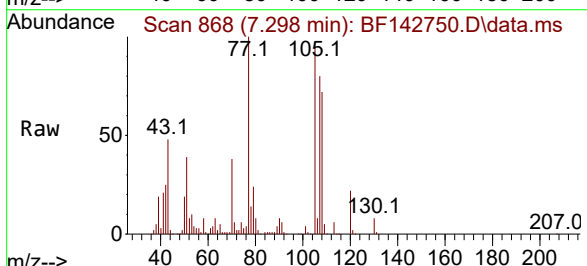
Ion Ratio Lower Upper

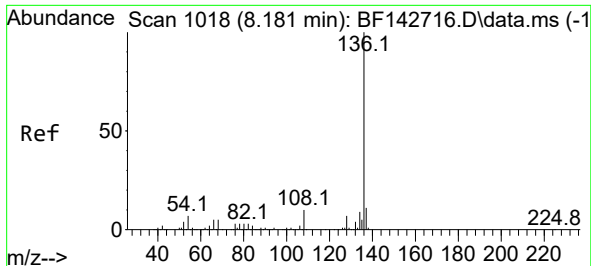
107 100

108 90.1 69.9 109.9

77 125.0 97.4 137.4

79 30.2 9.4 49.4

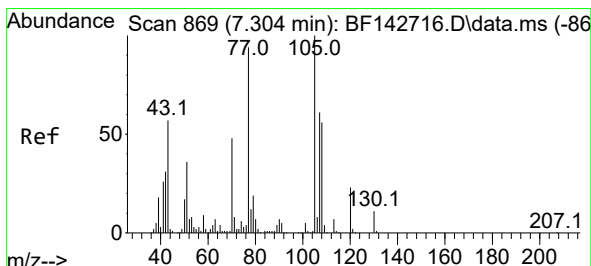
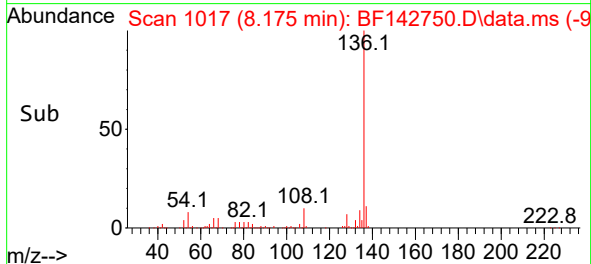
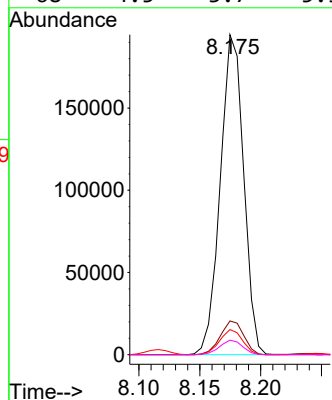
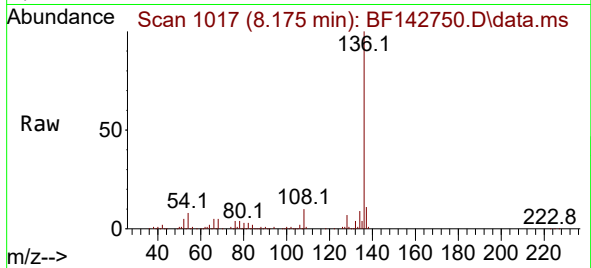




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

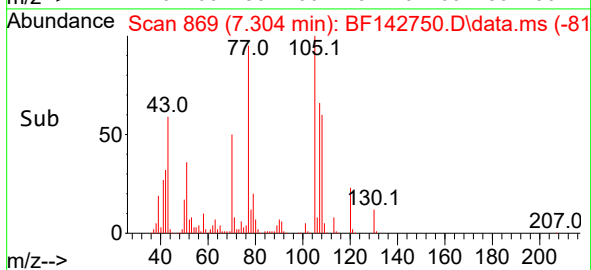
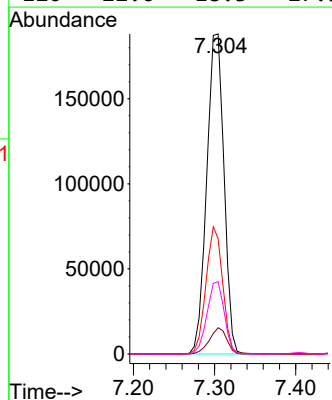
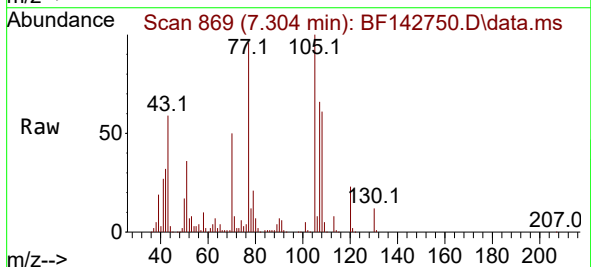
Instrument :
BNA_F
ClientSampleId :
PB168259BS

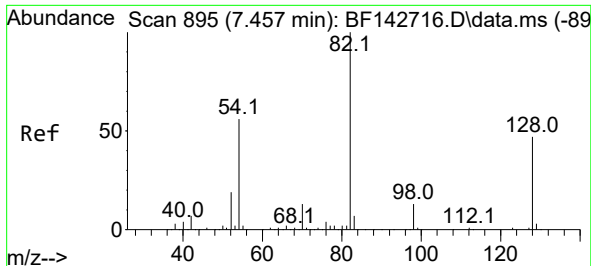
Tgt Ion:136 Resp: 259756
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.8 5.9 8.9
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 47.990 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:105 Resp: 277292
Ion Ratio Lower Upper
105 100
71 8.2 6.4 9.6
51 36.0 29.1 43.7
120 22.6 18.3 27.5





#23

Nitrobenzene-d5

Concen: 84.988 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

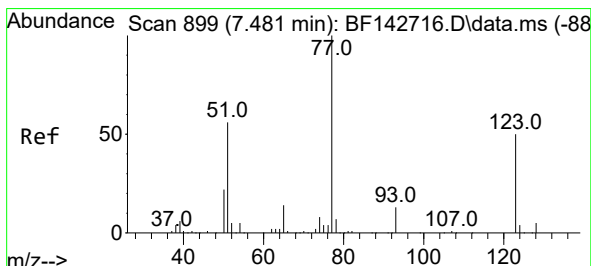
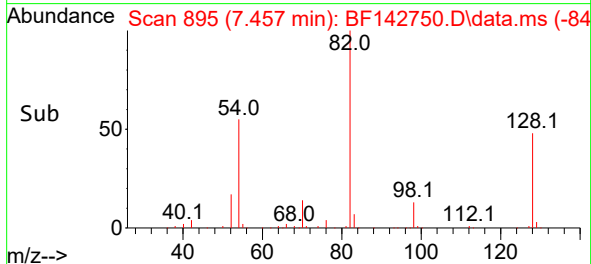
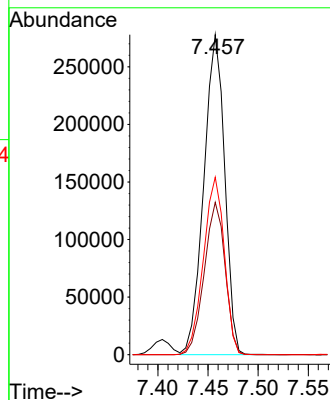
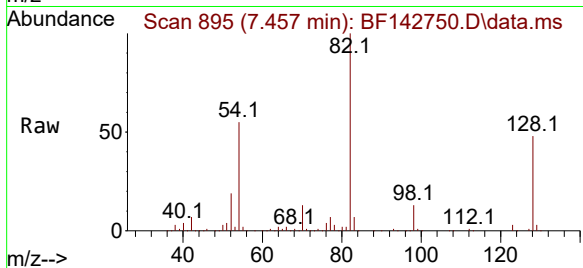
Tgt Ion: 82 Resp: 403381

Ion Ratio Lower Upper

82 100

128 47.6 37.8 56.8

54 55.4 44.9 67.3



#24

Nitrobenzene

Concen: 48.403 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

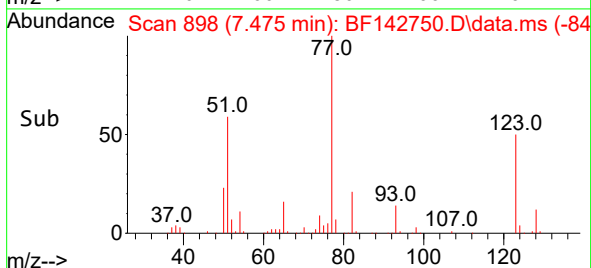
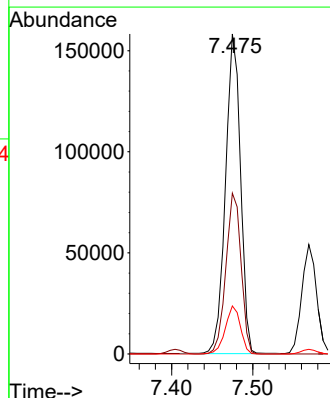
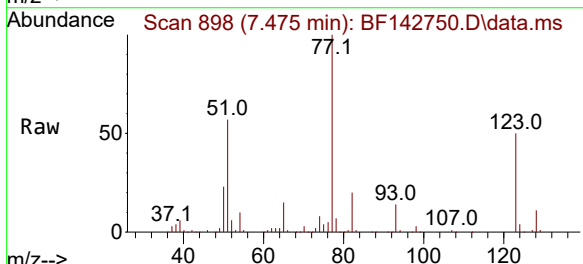
Tgt Ion: 77 Resp: 203898

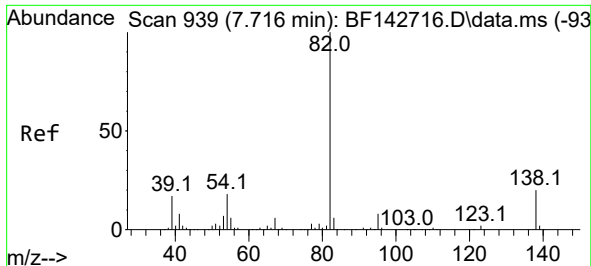
Ion Ratio Lower Upper

77 100

123 50.3 40.8 61.2

65 15.0 11.5 17.3

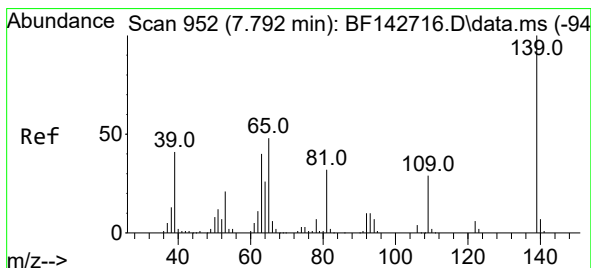
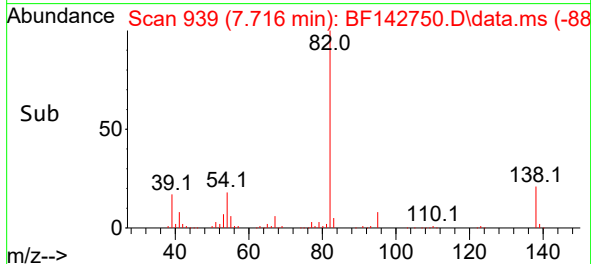
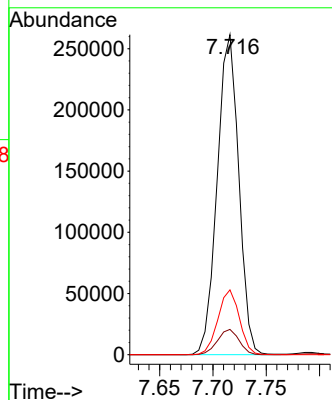
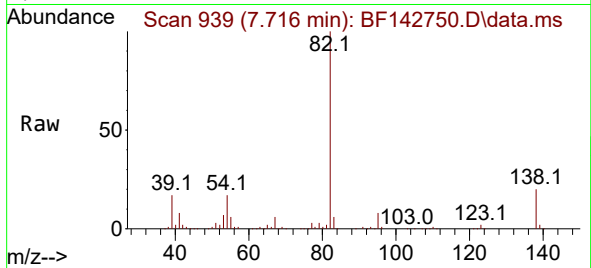




#25
Isophorone
Concen: 45.779 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

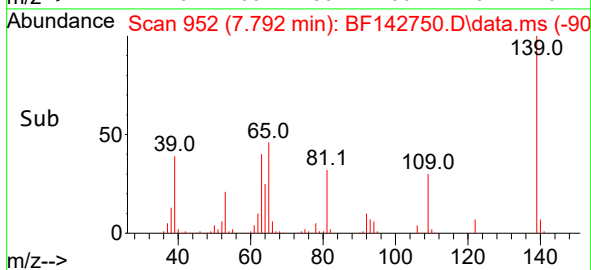
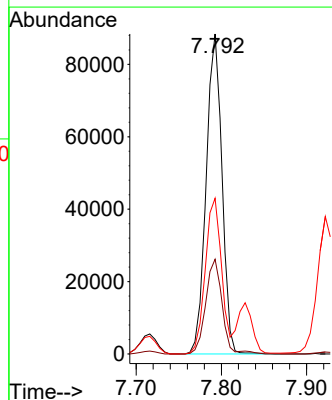
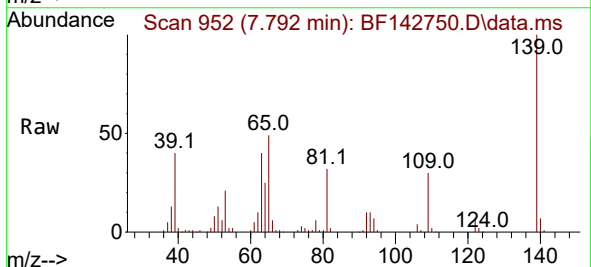
Instrument :
BNA_F
ClientSampleId :
PB168259BS

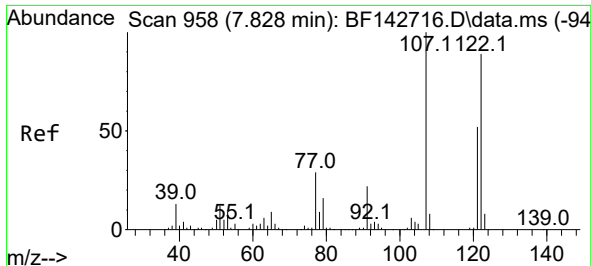
Tgt Ion: 82 Resp: 367891
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 20.3 15.8 23.6



#26
2-Nitrophenol
Concen: 48.498 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:139 Resp: 114017
Ion Ratio Lower Upper
139 100
109 29.6 23.4 35.2
65 48.7 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 47.054 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

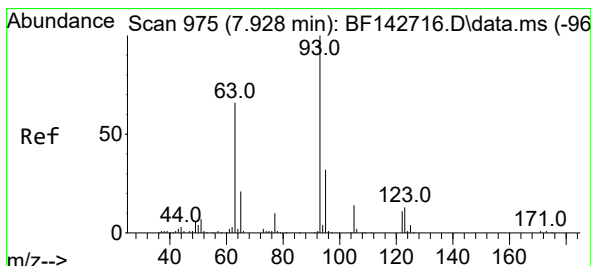
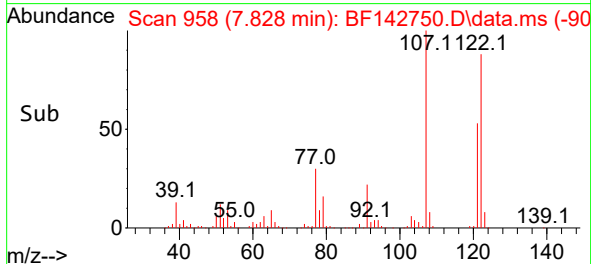
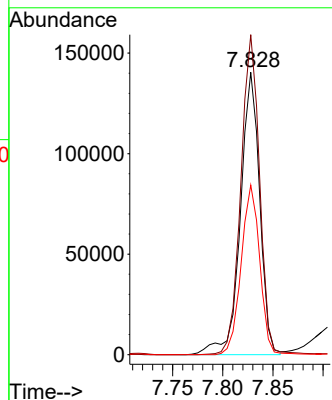
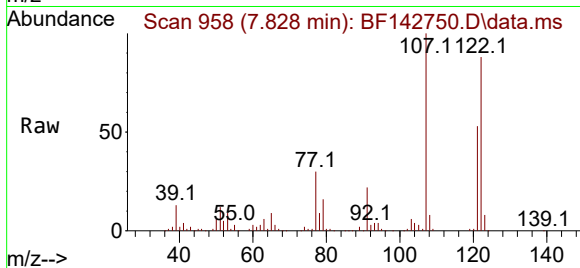
Tgt Ion:122 Resp: 188342

Ion Ratio Lower Upper

122 100

107 113.3 90.4 135.6

121 60.1 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.166 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

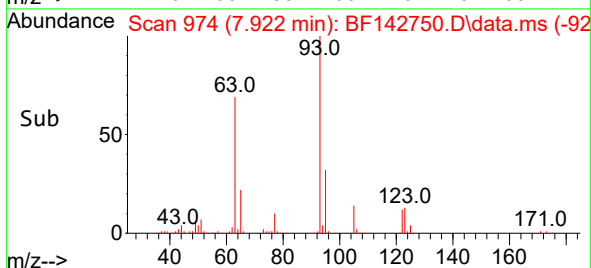
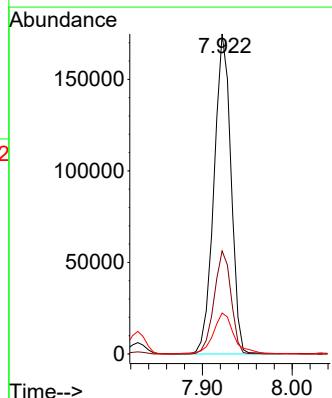
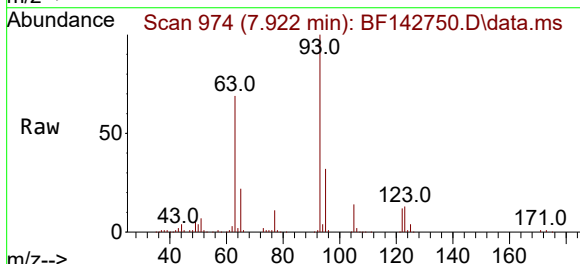
Tgt Ion: 93 Resp: 230340

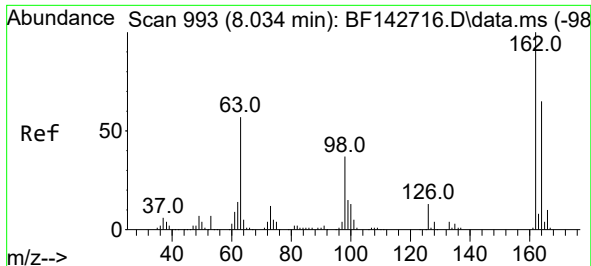
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 12.8 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.231 ng

RT: 8.034 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

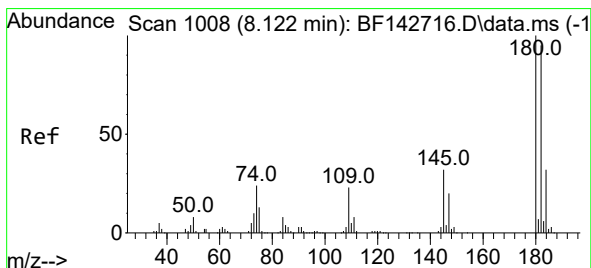
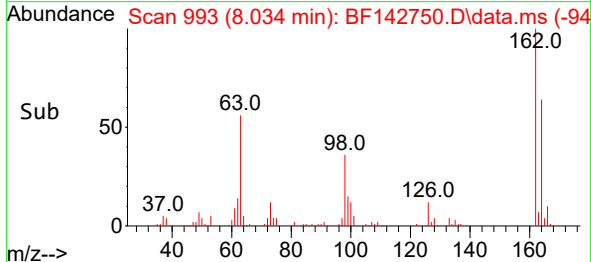
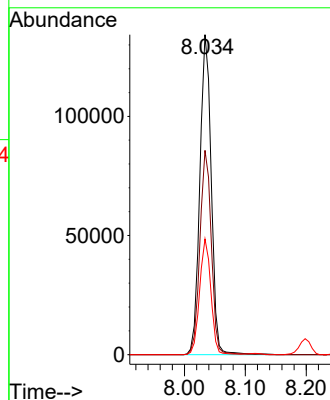
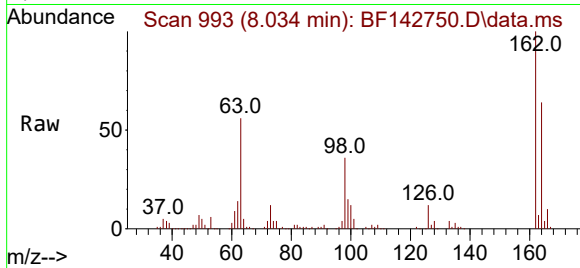
Tgt Ion:162 Resp: 174469

Ion Ratio Lower Upper

162 100

164 63.8 45.1 85.1

98 36.2 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 48.466 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

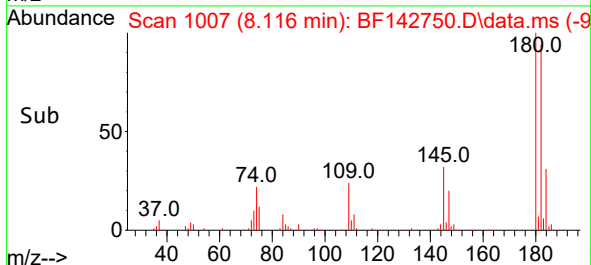
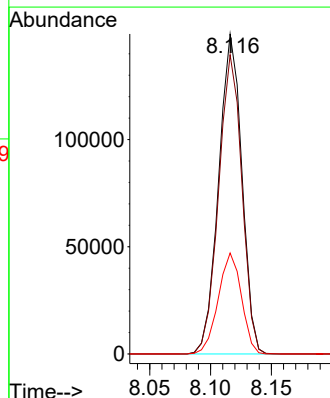
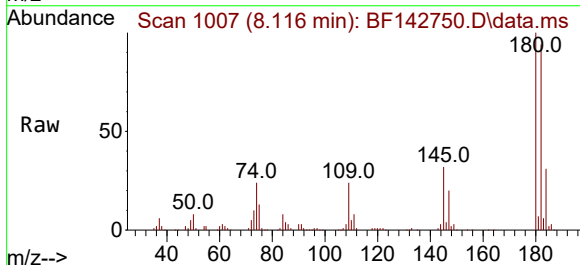
Tgt Ion:180 Resp: 197830

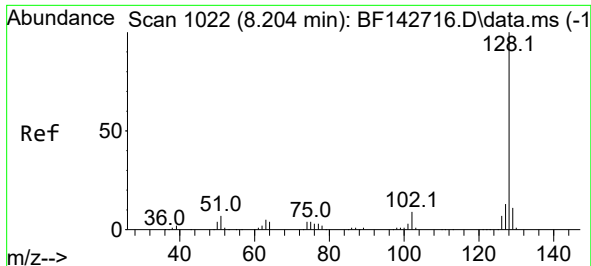
Ion Ratio Lower Upper

180 100

182 93.5 75.9 113.9

145 31.6 25.7 38.5

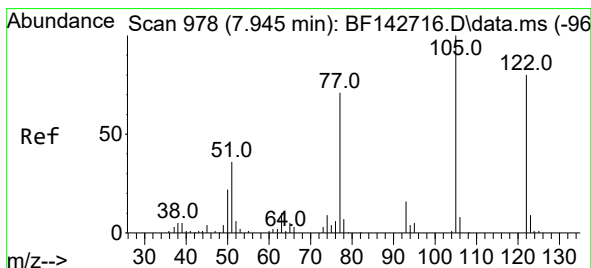
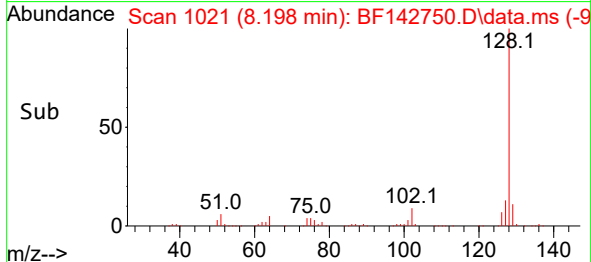
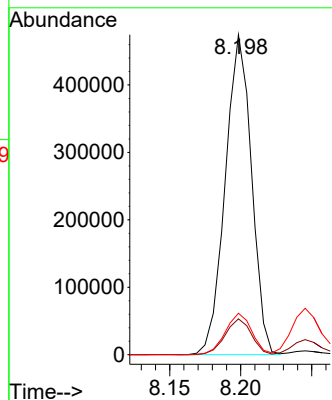
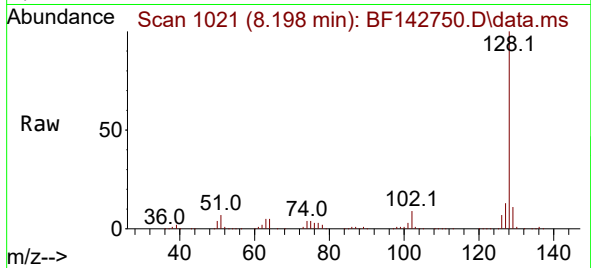




#31
Naphthalene
Concen: 47.500 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

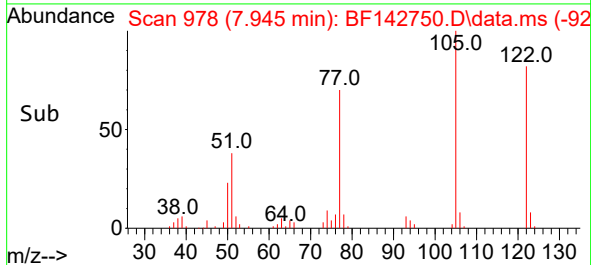
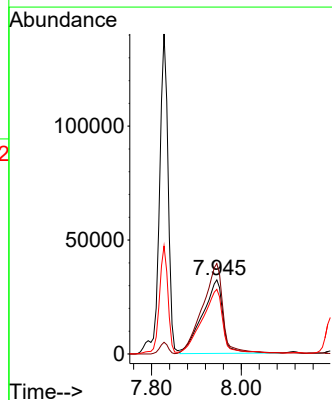
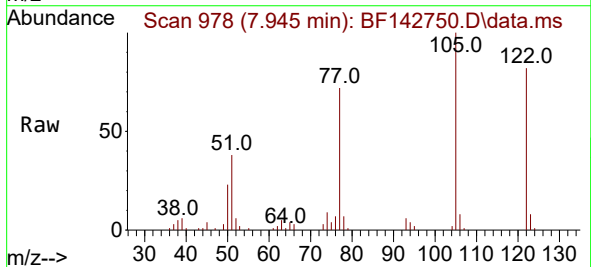
Instrument :
BNA_F
ClientSampleId :
PB168259BS

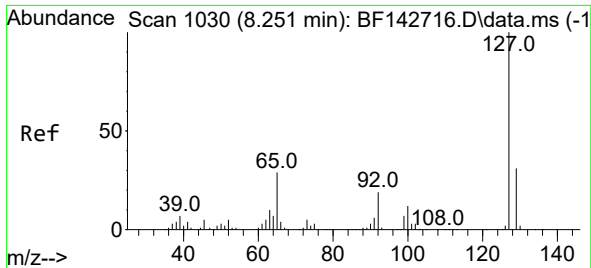
Tgt Ion:128 Resp: 610212
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 45.656 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:122 Resp: 102917
Ion Ratio Lower Upper
122 100
105 122.0 102.6 142.6
77 87.3 68.2 108.2



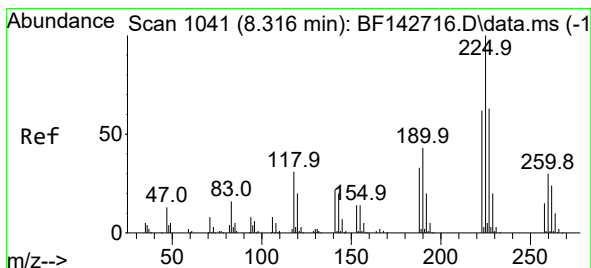
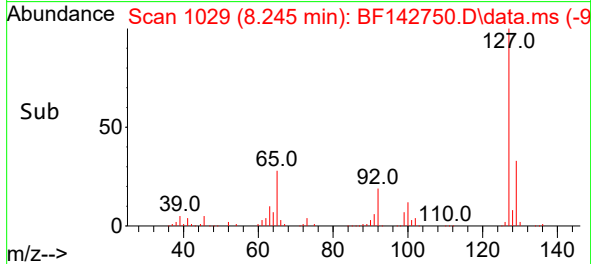
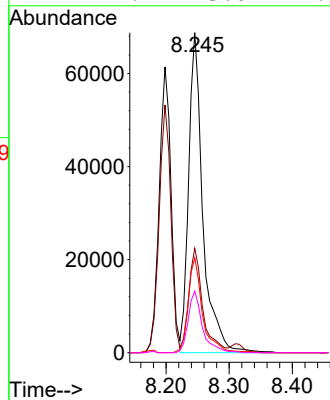
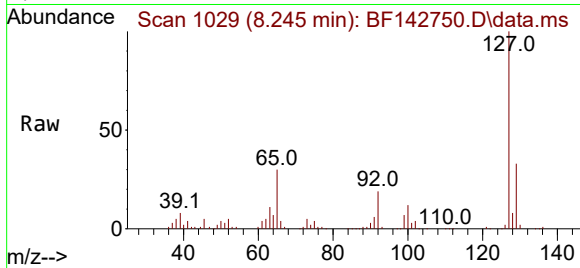


#33
4-Chloroaniline
Concen: 20.962 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Instrument :
BNA_F
ClientSampleId :
PB168259BS

Tgt Ion:127 Resp: 108122

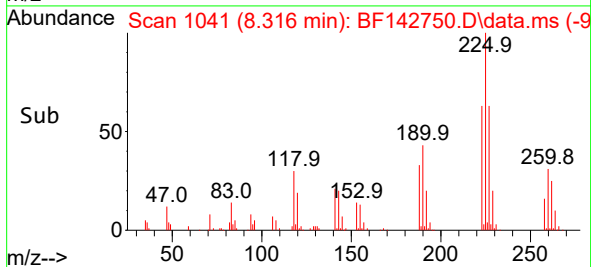
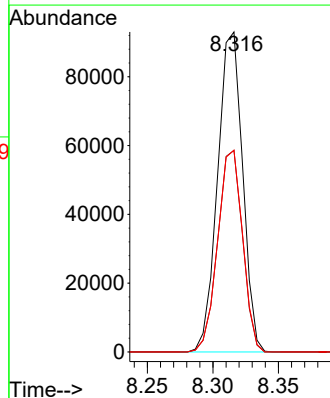
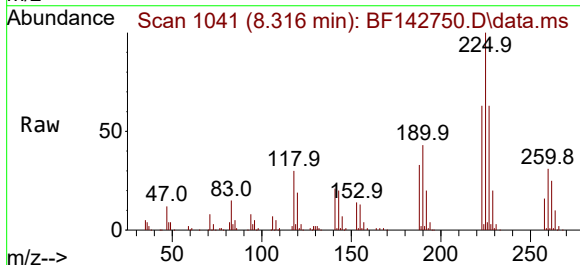
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	29.6	23.0	34.4
92	19.2	15.0	22.4

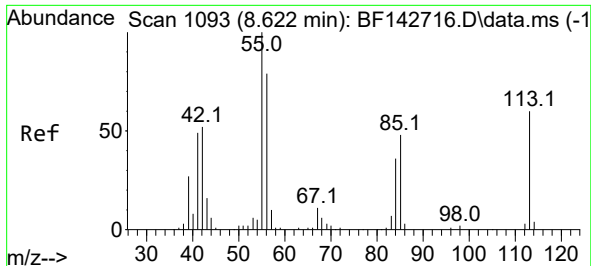


#34
Hexachlorobutadiene
Concen: 47.349 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:225 Resp: 123159

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.3	73.9
227	63.0	50.6	75.8

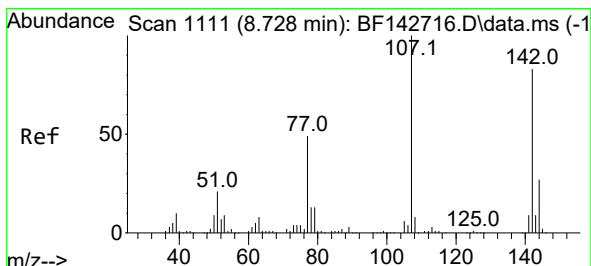
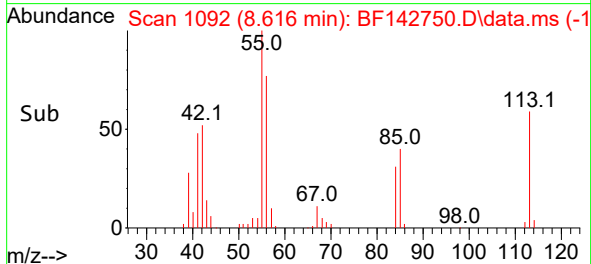
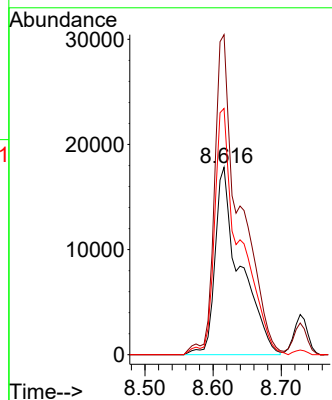
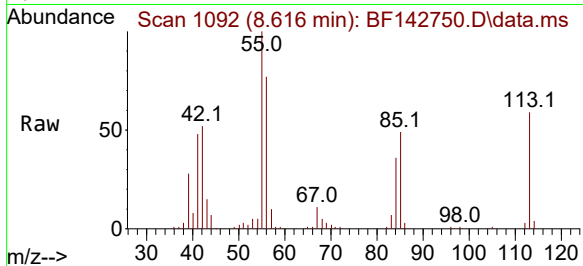




#35
Caprolactam
Concen: 45.590 ng
RT: 8.616 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

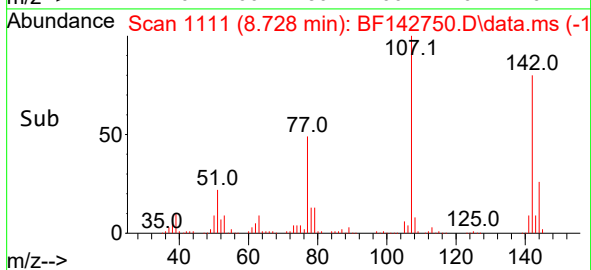
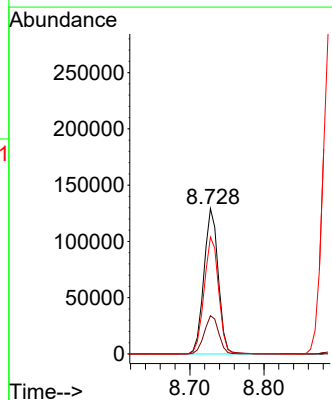
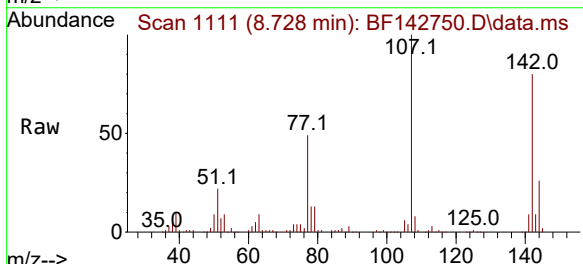
Instrument :
BNA_F
ClientSampleId :
PB168259BS

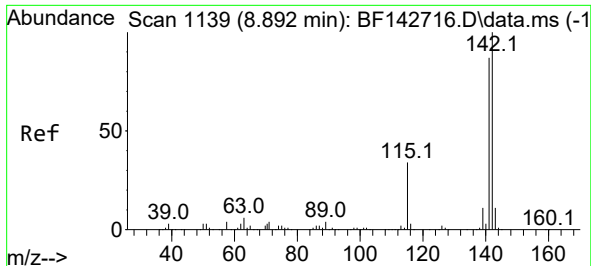
Tgt Ion:113 Resp: 45459
Ion Ratio Lower Upper
113 100
55 170.8 147.9 187.9
56 131.5 111.9 151.9



#36
4-Chloro-3-methylphenol
Concen: 45.309 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:107 Resp: 174031
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 80.4 66.2 99.2

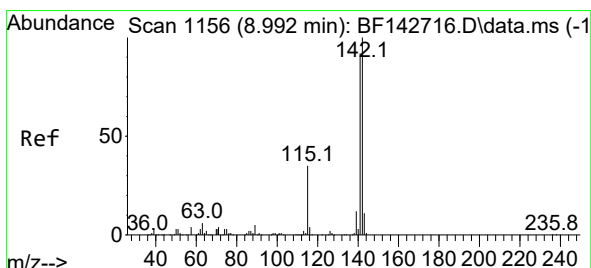
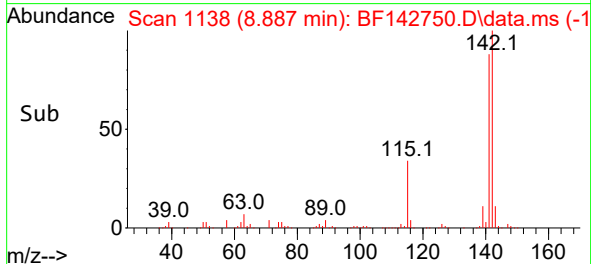
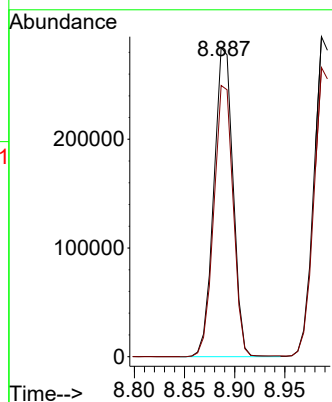
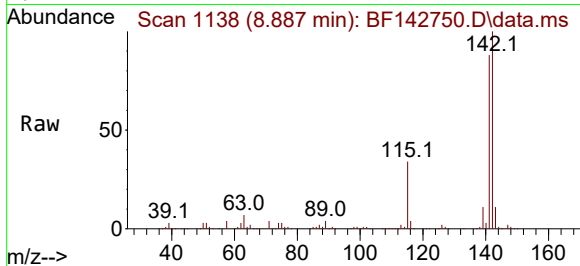




#37
2-Methylnaphthalene
Concen: 46.521 ng
RT: 8.887 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

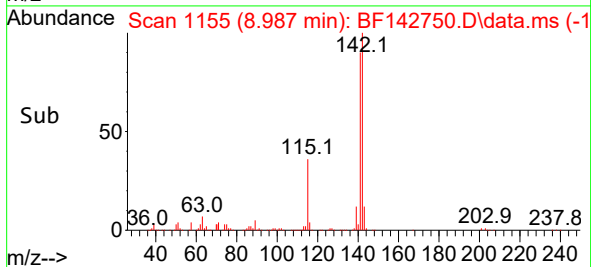
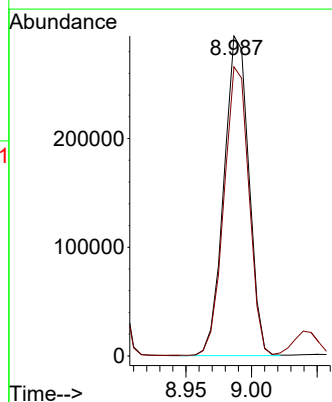
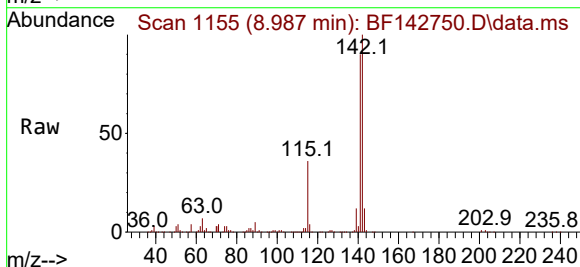
Instrument :
BNA_F
ClientSampleId :
PB168259BS

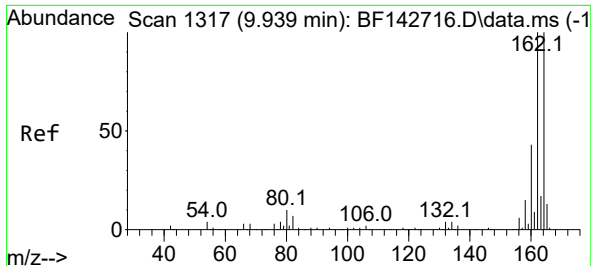
Tgt Ion:142 Resp: 378269
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9



#38
1-Methylnaphthalene
Concen: 46.125 ng
RT: 8.987 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:142 Resp: 388533
Ion Ratio Lower Upper
142 100
141 90.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

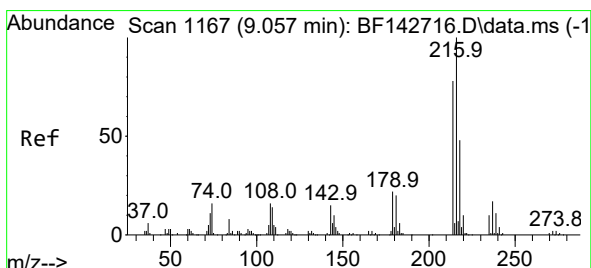
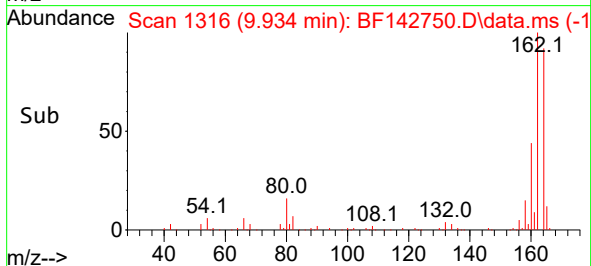
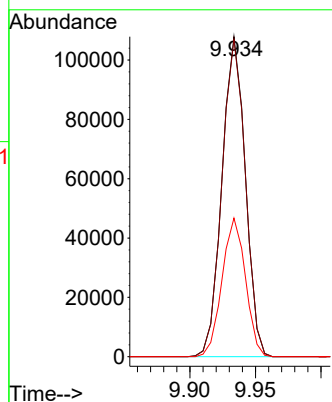
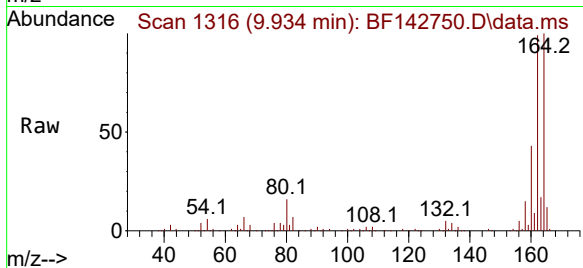
Tgt Ion:164 Resp: 133412

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 43.3 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.153 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Tgt Ion:216 Resp: 193655

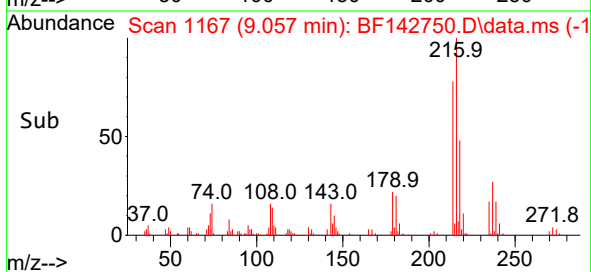
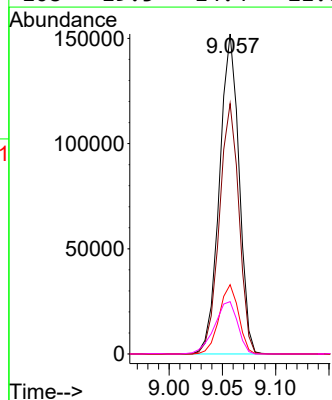
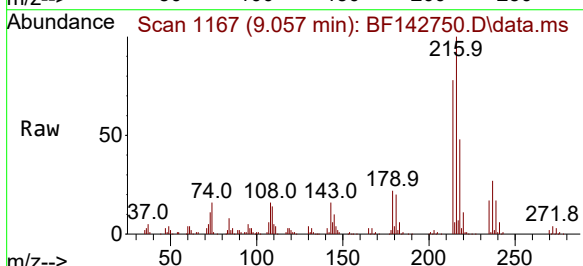
Ion Ratio Lower Upper

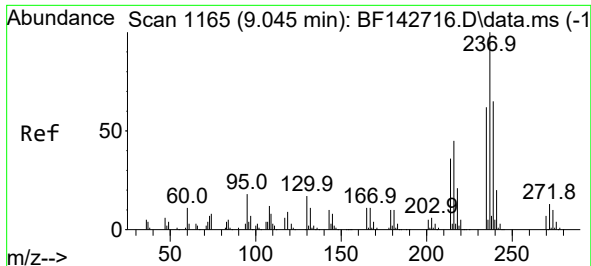
216 100

214 78.3 62.6 94.0

179 21.6 17.1 25.7

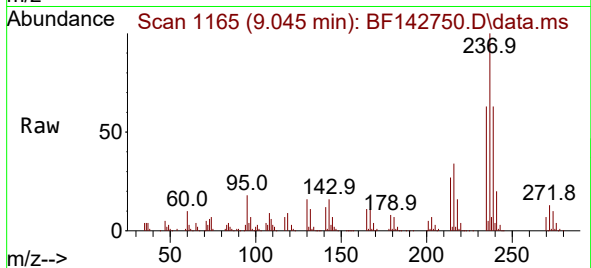
108 19.5 14.4 21.6



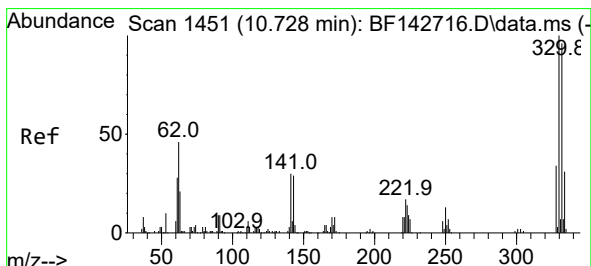
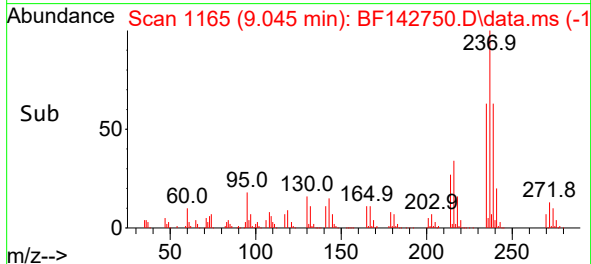
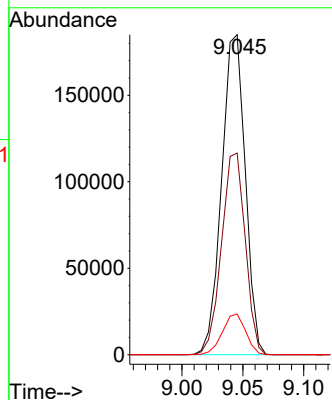


#41
Hexachlorocyclopentadiene
Concen: 100.731 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Instrument :
BNA_F
ClientSampleId :
PB168259BS

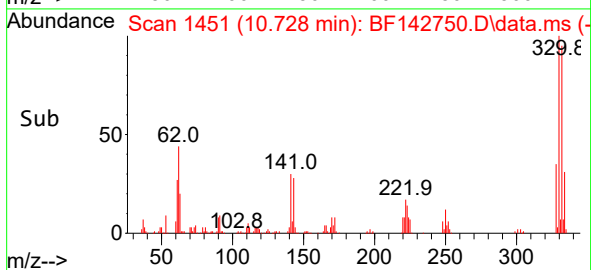
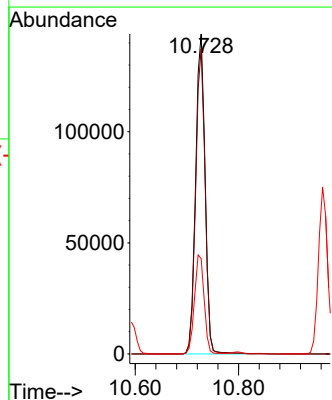
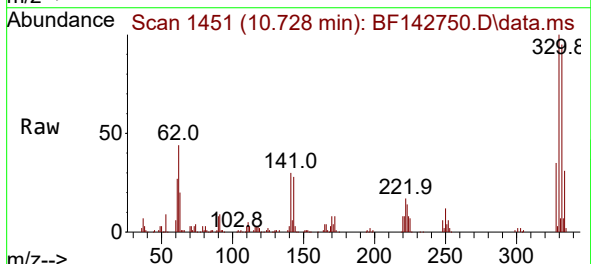


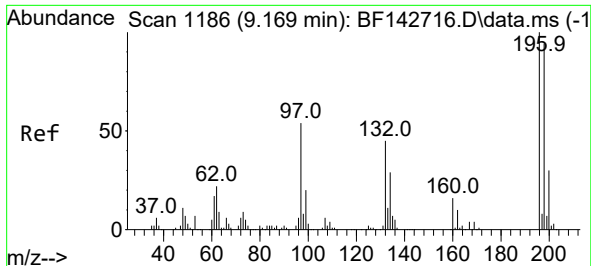
Tgt Ion:237 Resp: 249640
Ion Ratio Lower Upper
237 100
235 63.0 41.9 81.9
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 125.466 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:330 Resp: 183453
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 31.7 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 48.981 ng

RT: 9.169 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

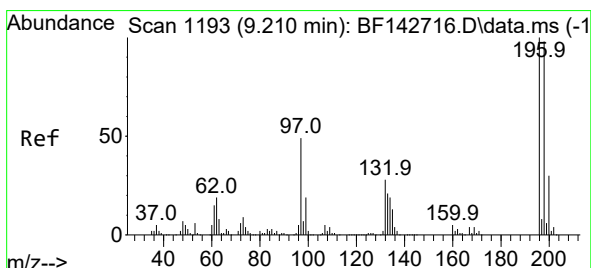
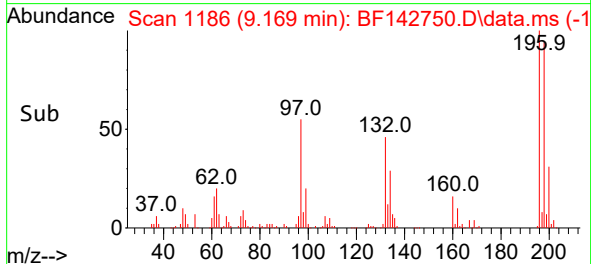
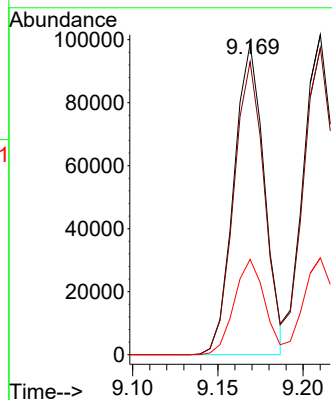
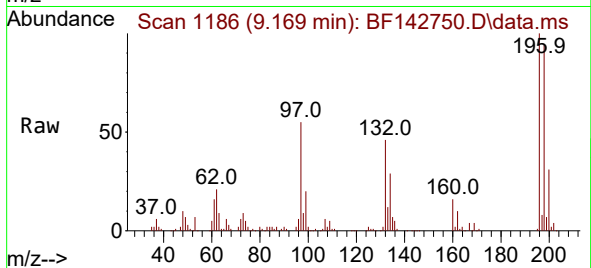
Tgt Ion:196 Resp: 122429

Ion Ratio Lower Upper

196 100

198 94.1 75.5 113.3

200 30.6 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 47.938 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Tgt Ion:196 Resp: 129417

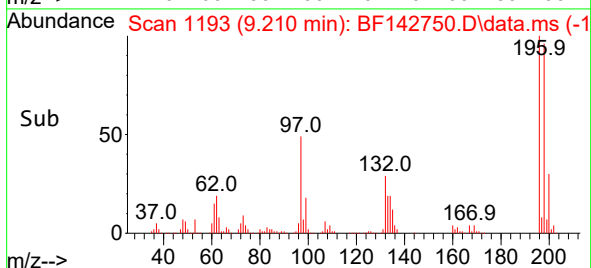
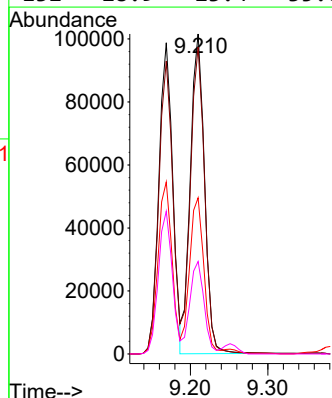
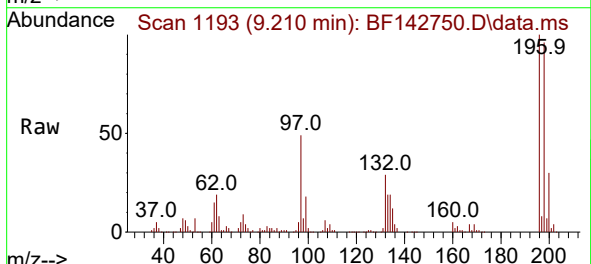
Ion Ratio Lower Upper

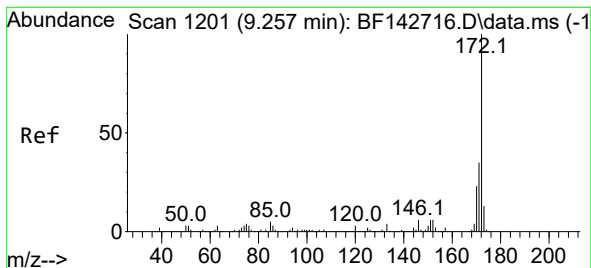
196 100

198 95.9 78.2 117.2

97 48.8 38.6 57.8

132 28.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 85.418 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

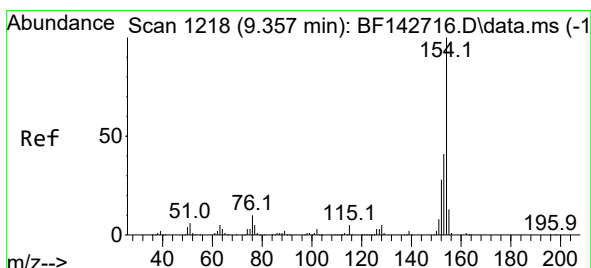
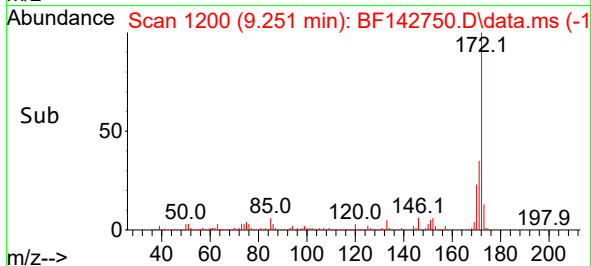
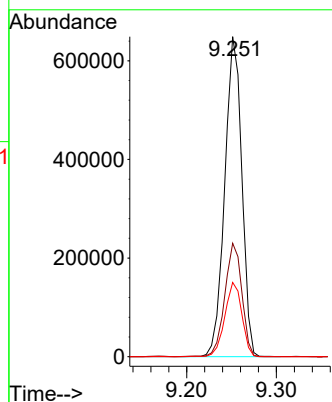
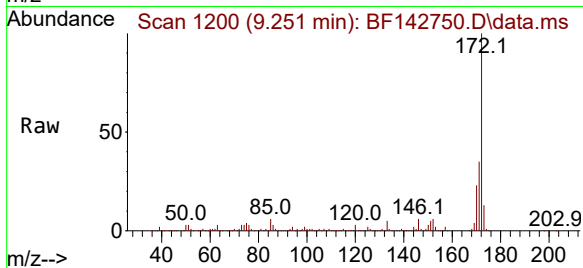
Tgt Ion:172 Resp: 857757

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 49.788 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

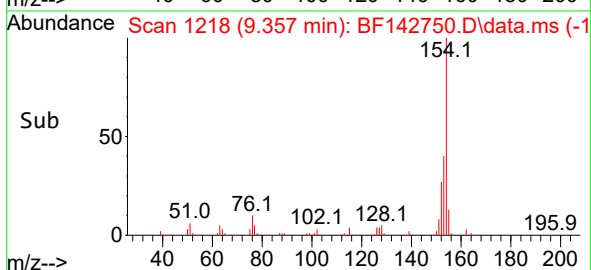
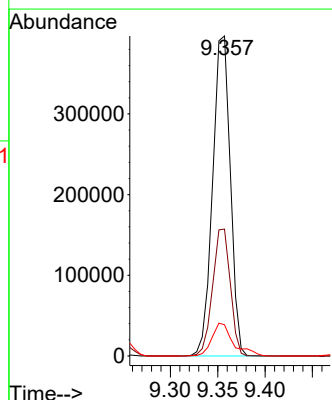
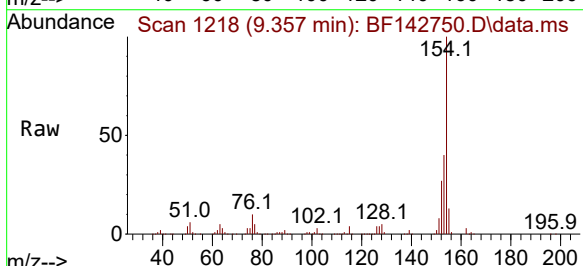
Tgt Ion:154 Resp: 515786

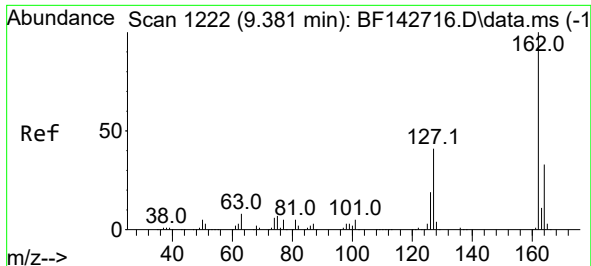
Ion Ratio Lower Upper

154 100

153 39.7 20.6 60.6

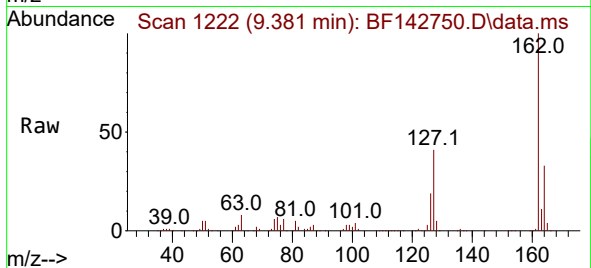
76 9.8 0.0 30.2



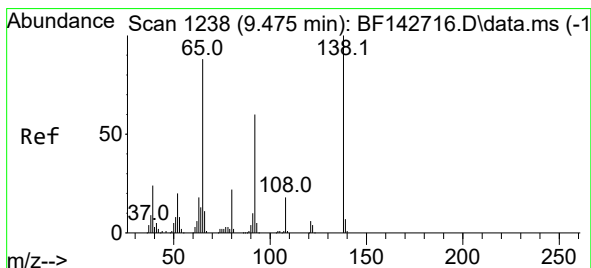
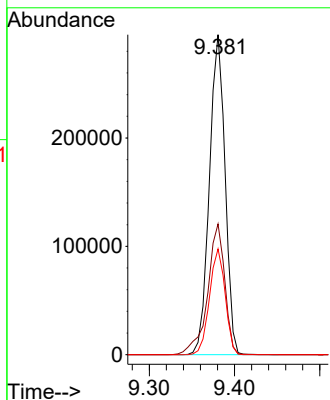
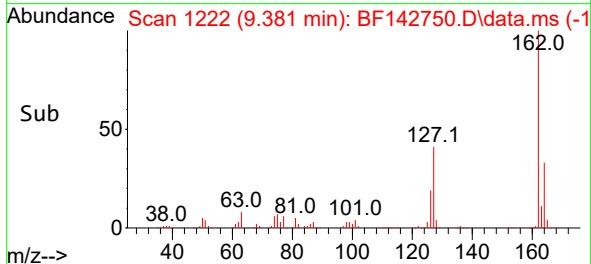


#47
2-Chloronaphthalene
Concen: 49.436 ng
RT: 9.381 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Instrument :
BNA_F
ClientSampleId :
PB168259BS

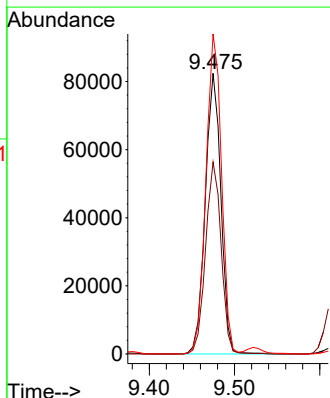
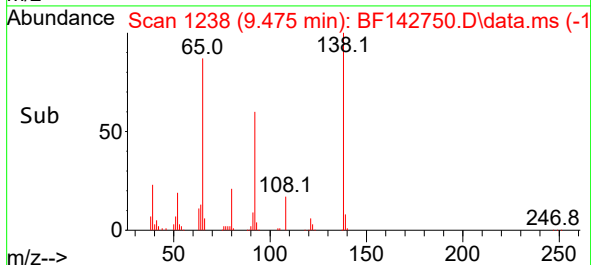
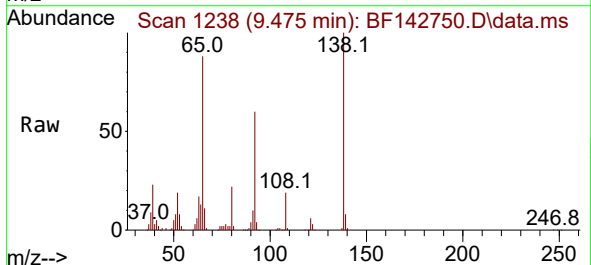


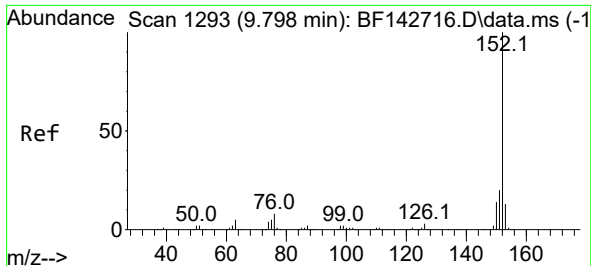
Tgt Ion:162 Resp: 377304
Ion Ratio Lower Upper
162 100
127 40.8 33.5 50.3
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 48.317 ng
RT: 9.475 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion: 65 Resp: 104883
Ion Ratio Lower Upper
65 100
92 68.4 54.5 81.7
138 114.0 90.6 136.0

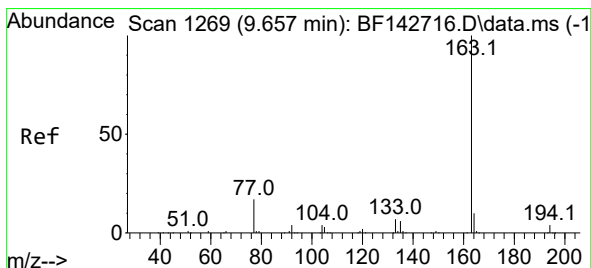
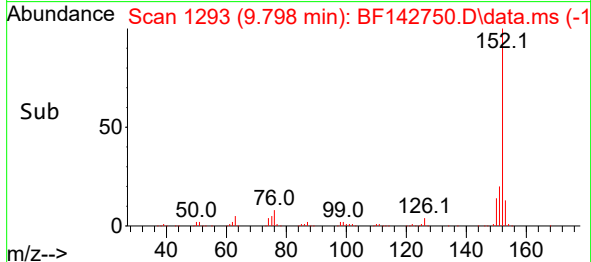
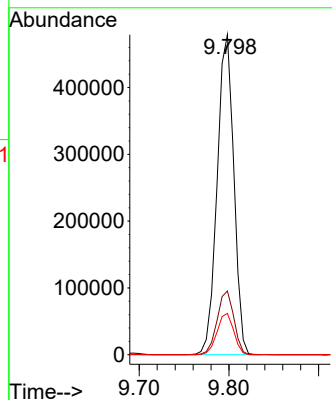
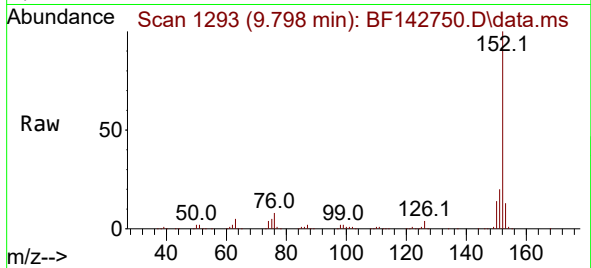




#49
Acenaphthylene
Concen: 47.998 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

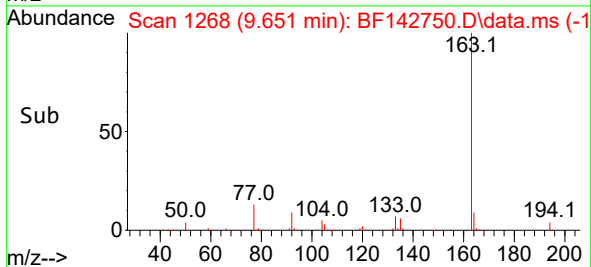
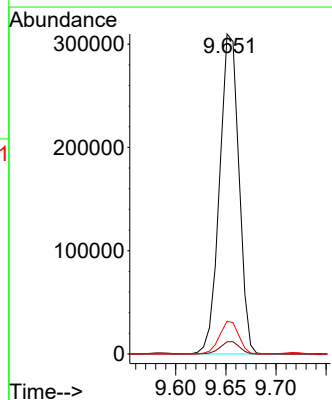
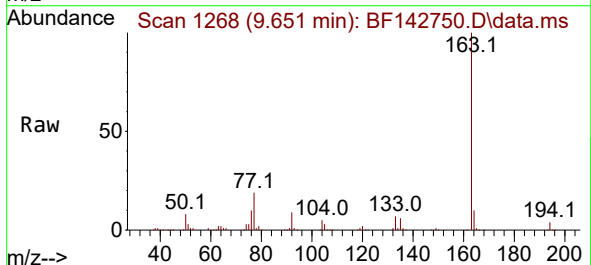
Instrument :
BNA_F
ClientSampleId :
PB168259BS

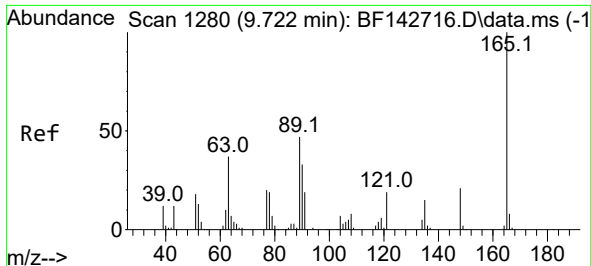
Tgt Ion:152 Resp: 617677
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 46.695 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:163 Resp: 416010
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.0 12.0

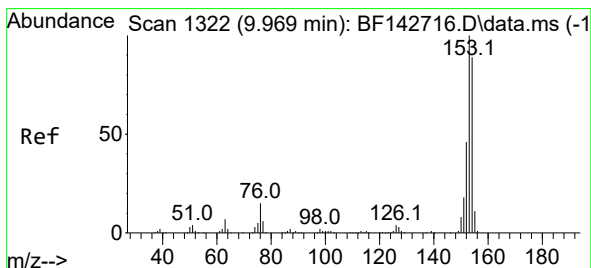
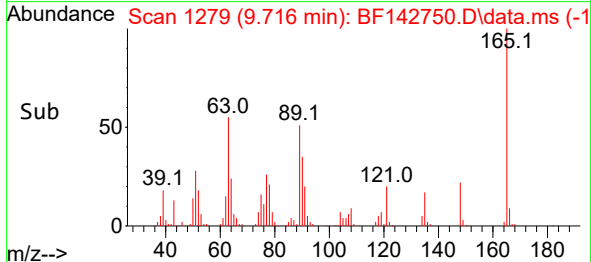
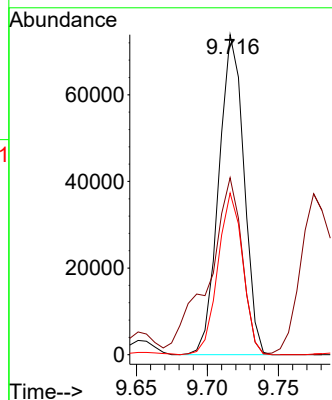
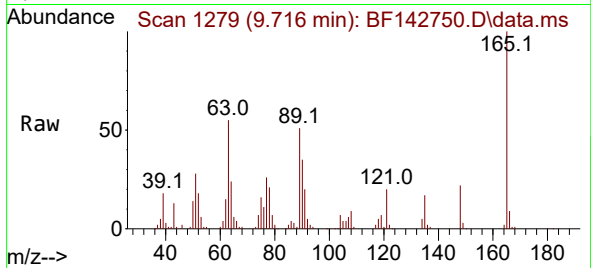




#51
2,6-Dinitrotoluene
Concen: 47.201 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

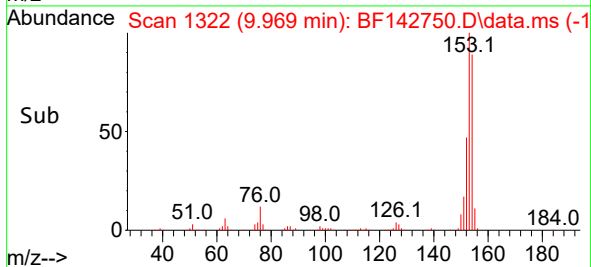
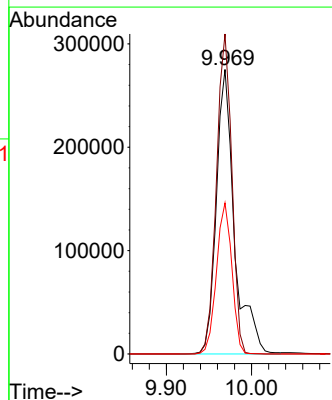
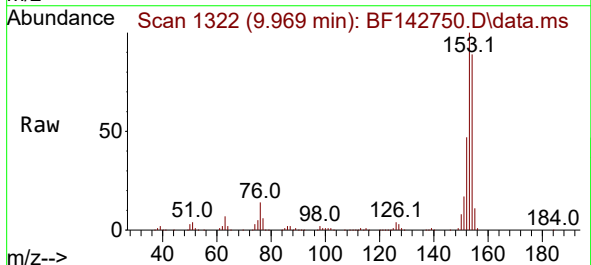
Instrument :
BNA_F
ClientSampleId :
PB168259BS

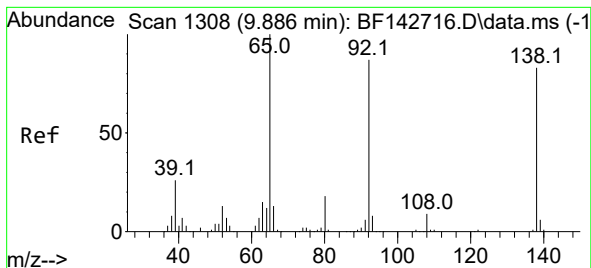
Tgt Ion:165 Resp: 90885
Ion Ratio Lower Upper
165 100
63 55.3 40.6 60.8
89 50.5 37.6 56.4



#52
Acenaphthene
Concen: 51.020 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:154 Resp: 407086
Ion Ratio Lower Upper
154 100
153 112.5 90.1 135.1
152 53.1 41.9 62.9





#53

3-Nitroaniline

Concen: 27.416 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

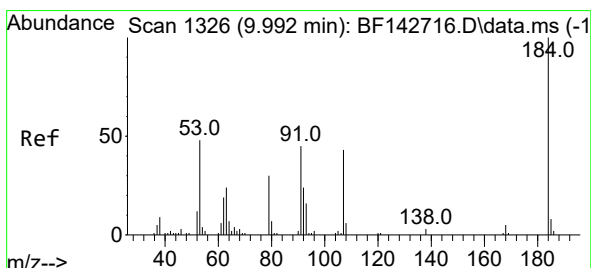
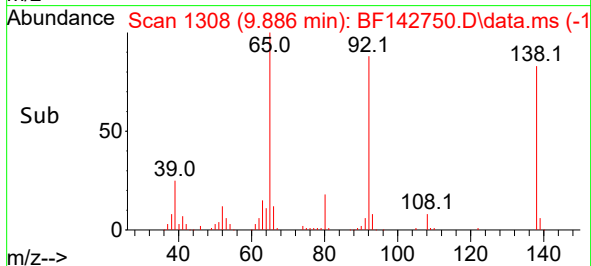
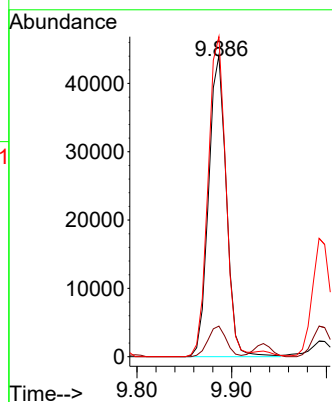
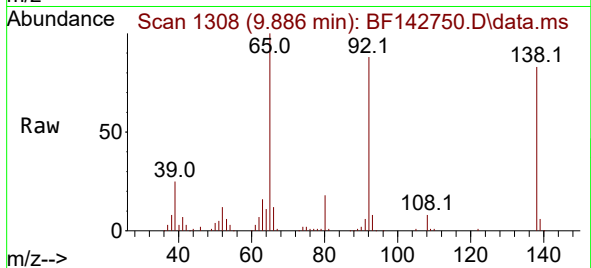
Tgt Ion:138 Resp: 57256

Ion Ratio Lower Upper

138 100

108 10.2 8.3 12.5

92 106.2 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 95.842 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

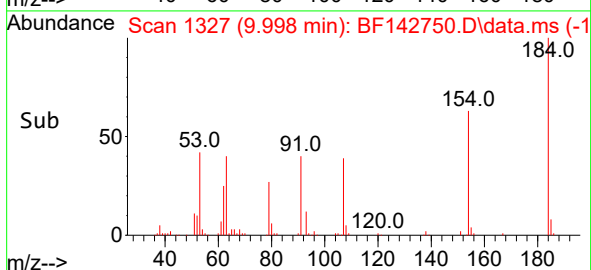
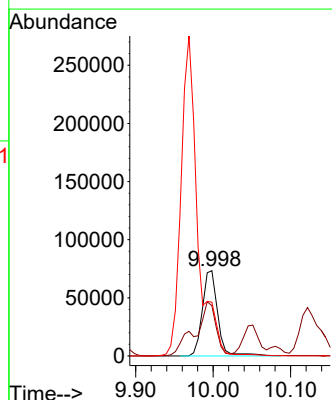
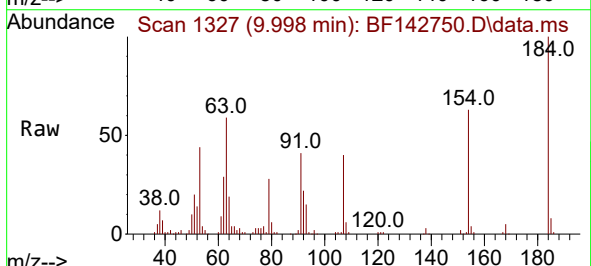
Tgt Ion:184 Resp: 101087

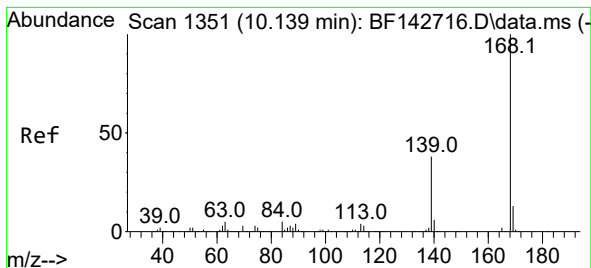
Ion Ratio Lower Upper

184 100

63 58.9 51.7 77.5

154 63.1 60.1 90.1





#55

Dibenzenofuran

Concen: 46.972 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

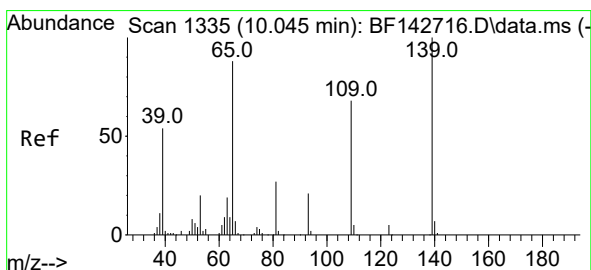
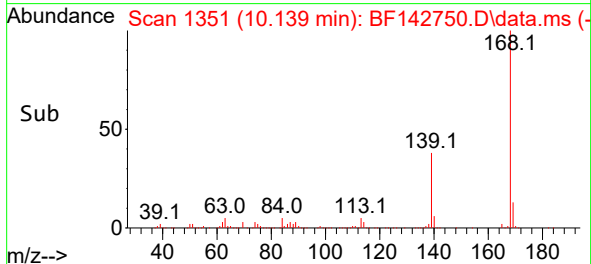
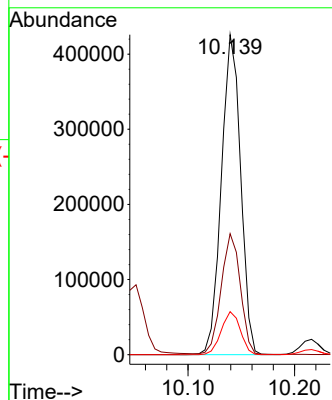
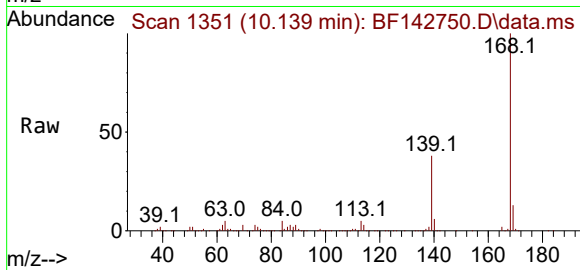
Tgt Ion:168 Resp: 533697

Ion Ratio Lower Upper

168 100

139 37.8 30.9 46.3

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 90.440 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

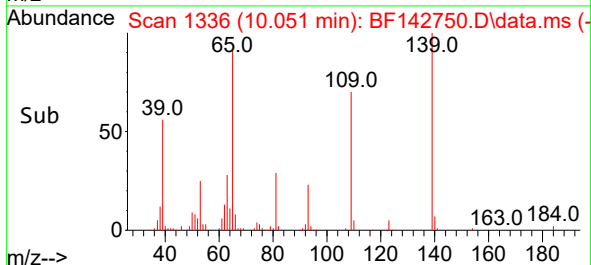
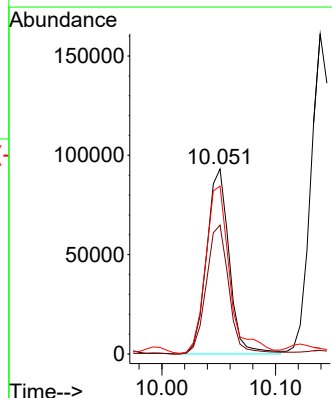
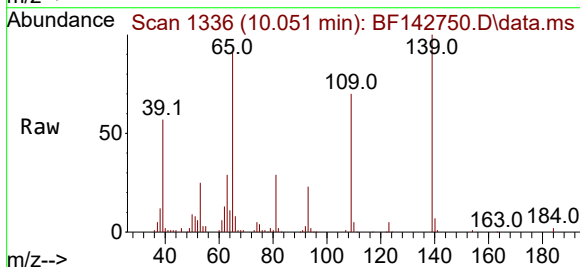
Tgt Ion:139 Resp: 128104

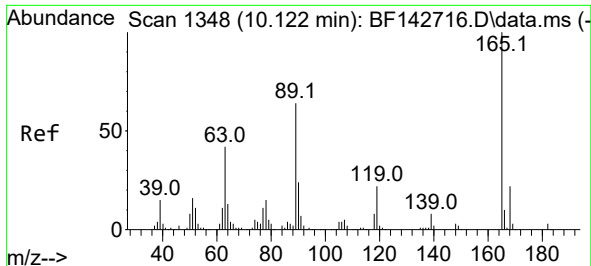
Ion Ratio Lower Upper

139 100

109 69.7 47.5 87.5

65 90.8 69.2 109.2

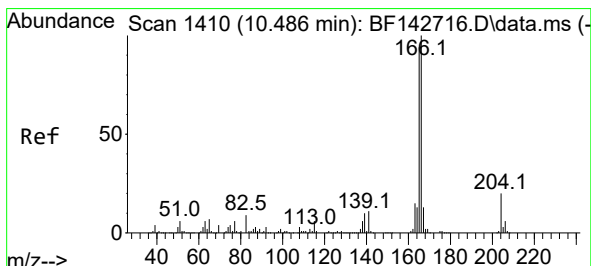
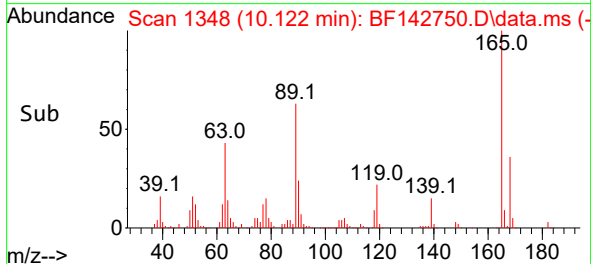
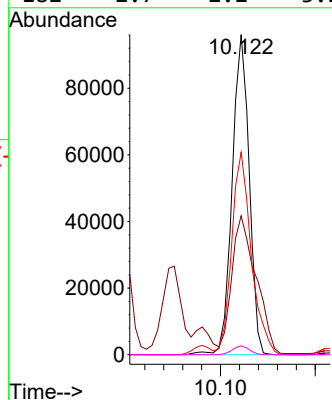
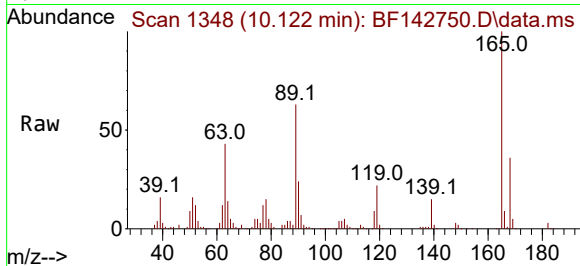




#57
2,4-Dinitrotoluene
Concen: 46.972 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

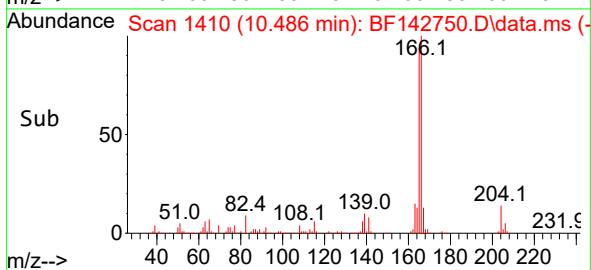
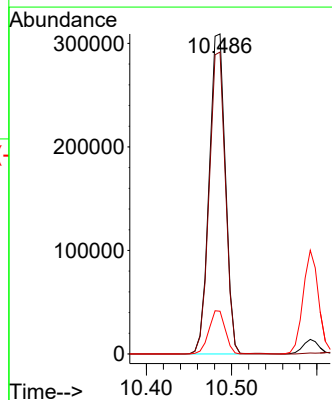
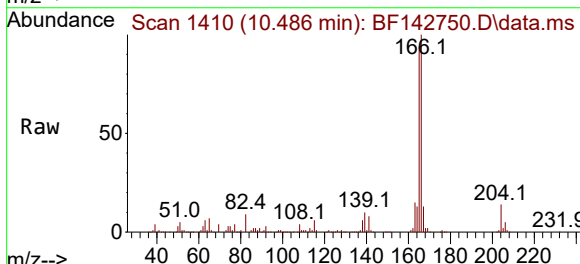
Instrument :
BNA_F
ClientSampleId :
PB168259BS

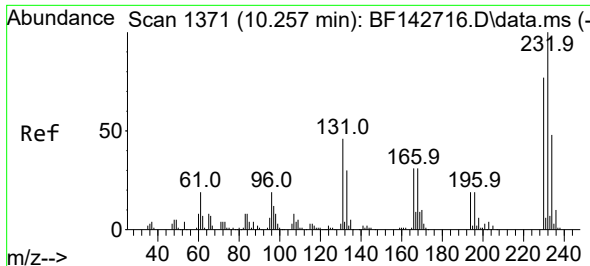
Tgt Ion:165 Resp: 119582
Ion Ratio Lower Upper
165 100
63 43.4 34.1 51.1
89 63.3 50.8 76.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.560 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:166 Resp: 408780
Ion Ratio Lower Upper
166 100
165 94.3 74.9 112.3
167 13.4 10.7 16.1

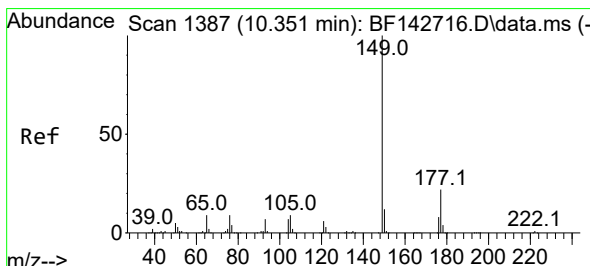
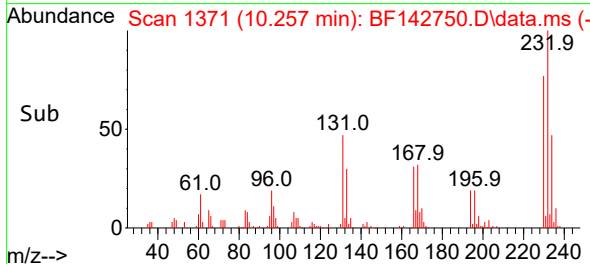
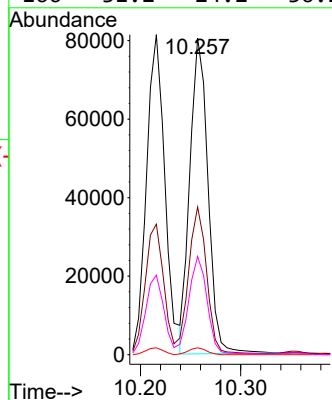
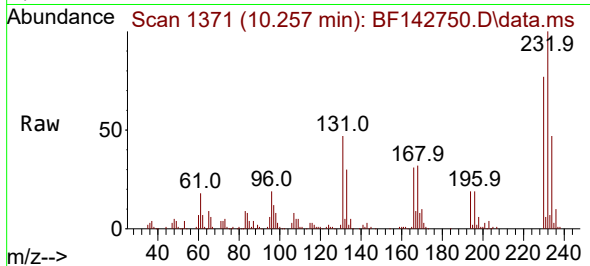




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.344 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

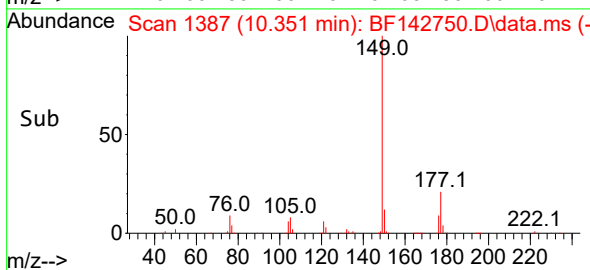
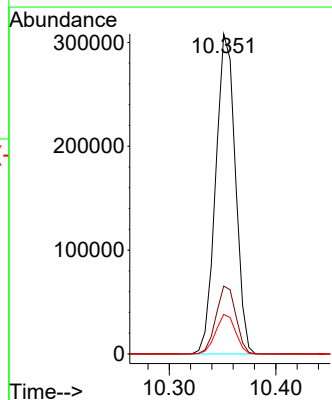
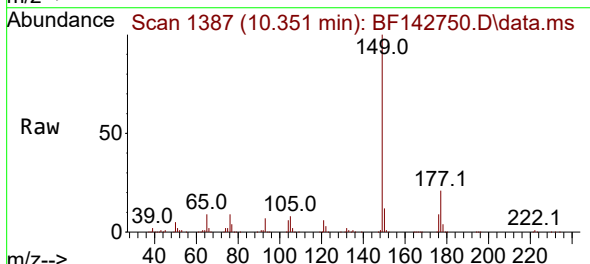
Instrument :
BNA_F
ClientSampleId :
PB168259BS

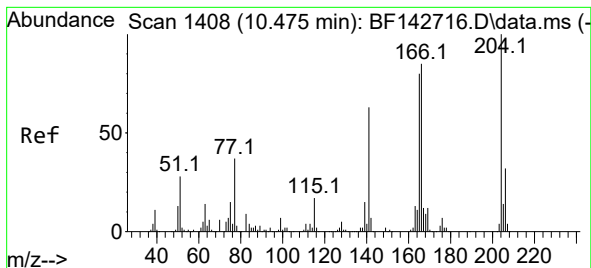
Tgt Ion:232 Resp: 100716
Ion Ratio Lower Upper
232 100
131 47.8 35.8 53.8
130 2.1 1.8 2.6
166 31.2 24.2 36.2



#60
Diethylphthalate
Concen: 44.663 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:149 Resp: 394552
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.0
150 12.3 10.0 15.0

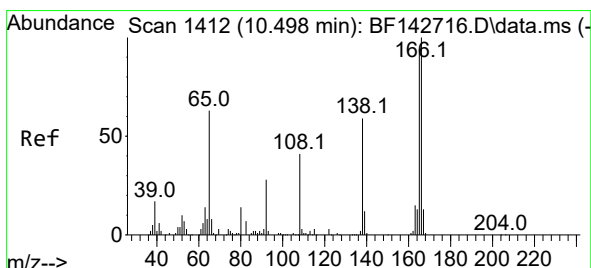
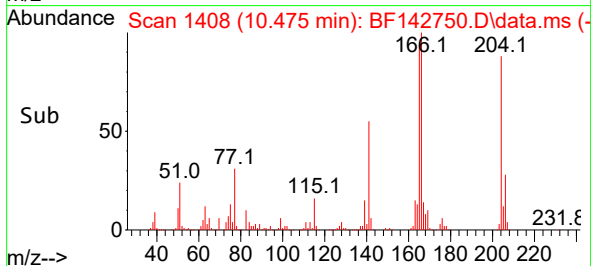
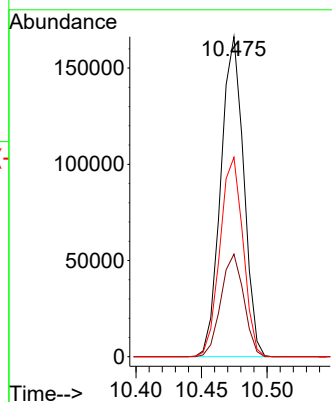
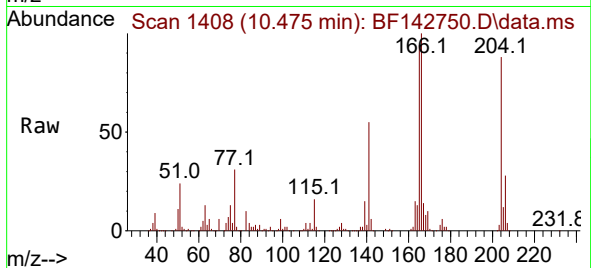




#61
4-Chlorophenyl-phenylether
Concen: 46.005 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

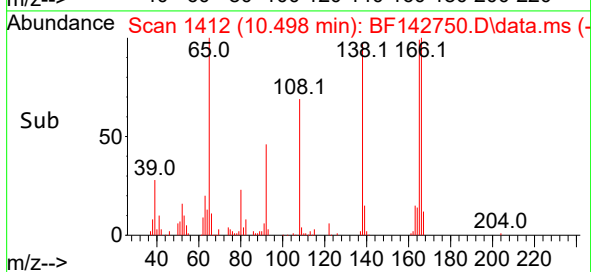
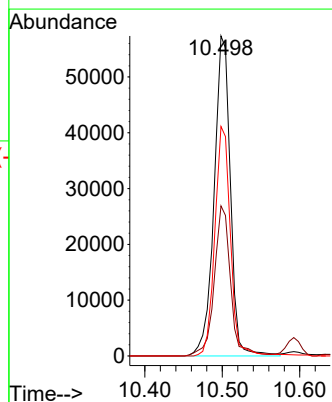
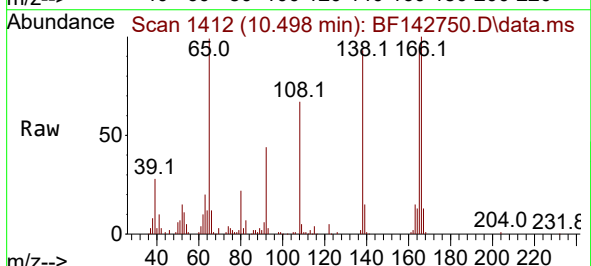
Instrument :
BNA_F
ClientSampleId :
PB168259BS

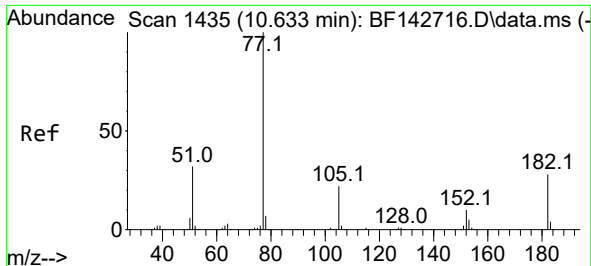
Tgt Ion:204 Resp: 201585
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 62.3 50.2 75.4



#62
4-Nitroaniline
Concen: 44.873 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:138 Resp: 83841
Ion Ratio Lower Upper
138 100
92 46.9 27.2 67.2
108 71.7 49.9 89.9

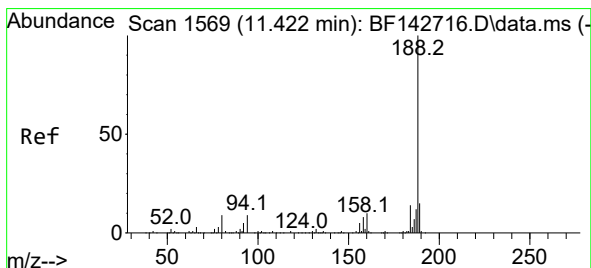
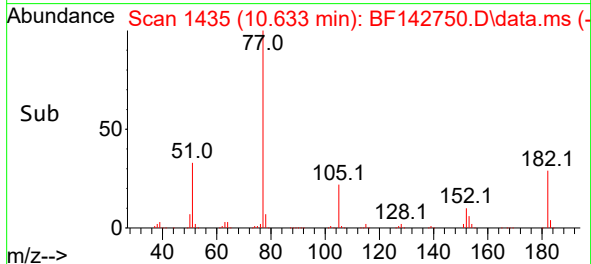
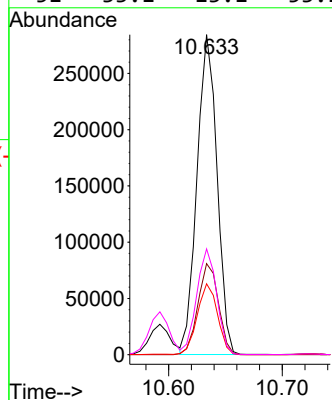
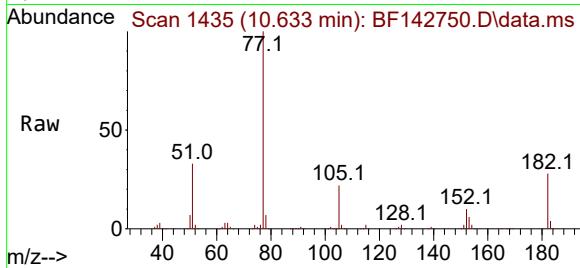




#63
Azobenzene
Concen: 45.196 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

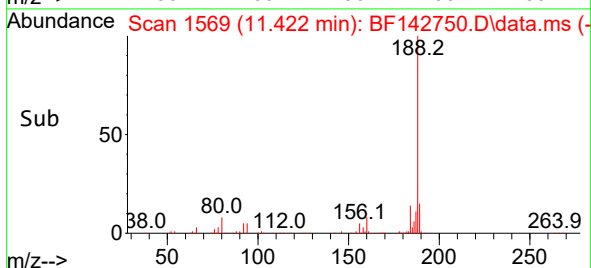
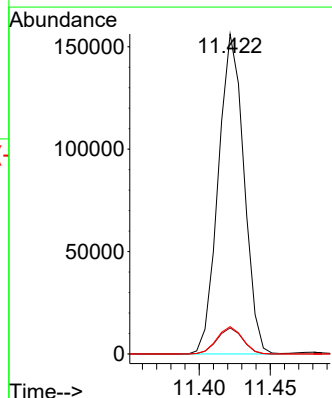
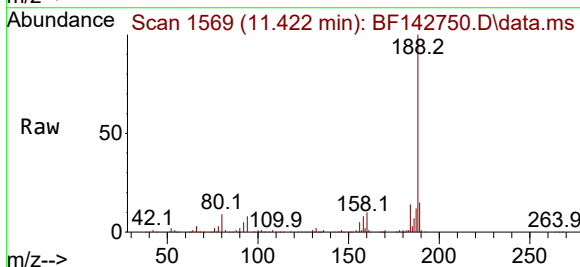
Instrument :
BNA_F
ClientSampleId :
PB168259BS

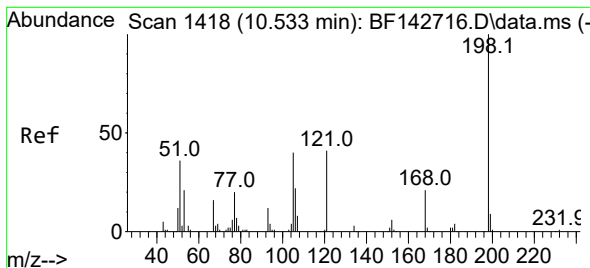
Tgt Ion: 77	Resp: 348697
Ion Ratio	Lower Upper
77 100	
182 28.5	7.8 47.8
105 22.2	1.9 41.9
51 33.1	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:188	Resp: 196055
Ion Ratio	Lower Upper
188 100	
94 8.1	6.8 10.2
80 8.5	7.1 10.7

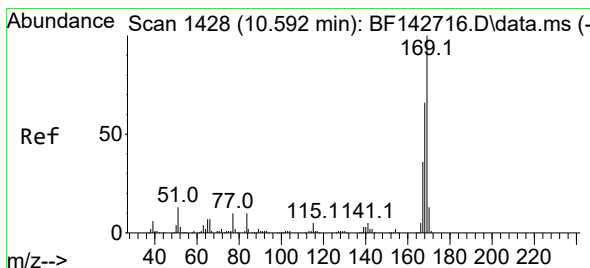
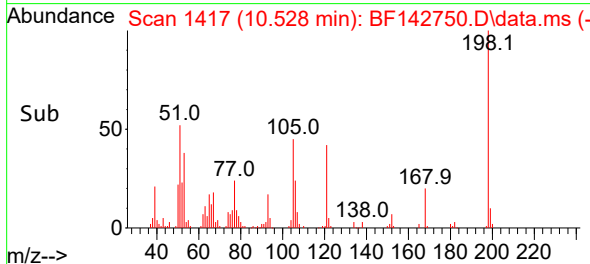
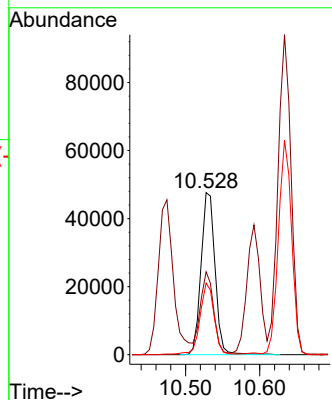
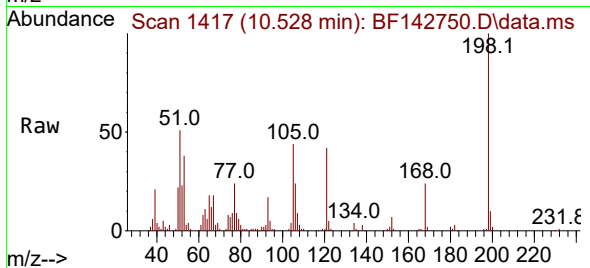




#65
4,6-Dinitro-2-methylphenol
Concen: 50.907 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

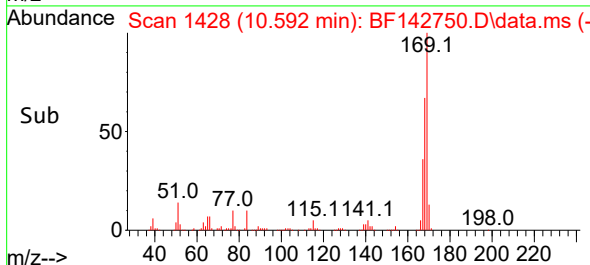
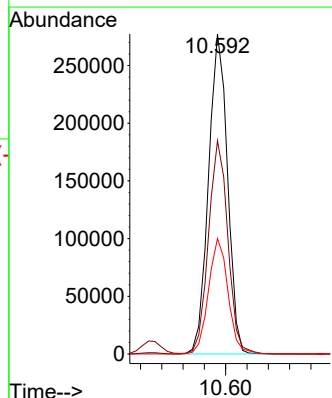
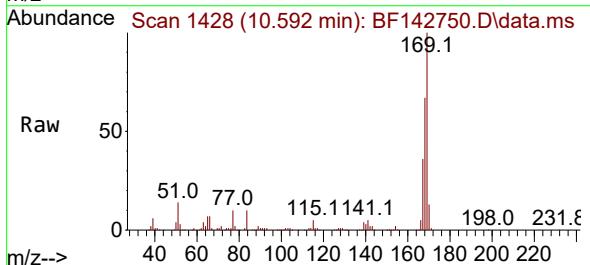
Instrument :
BNA_F
ClientSampleId :
PB168259BS

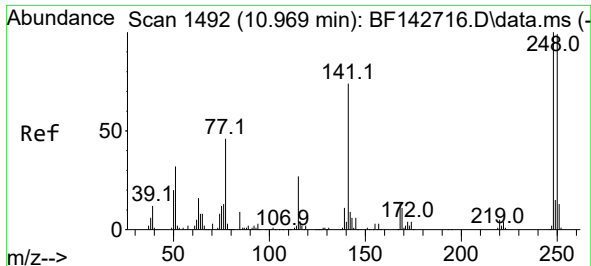
Tgt Ion:198 Resp: 62500
Ion Ratio Lower Upper
198 100
51 51.1 25.5 65.5
105 44.2 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 51.013 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:169 Resp: 343784
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.1 28.7 43.1

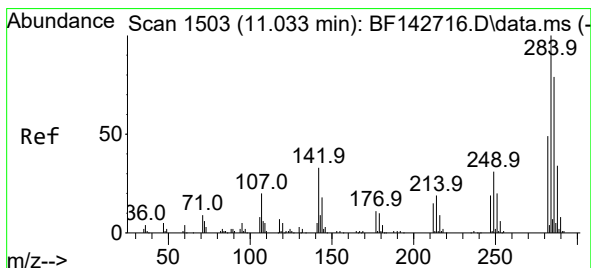
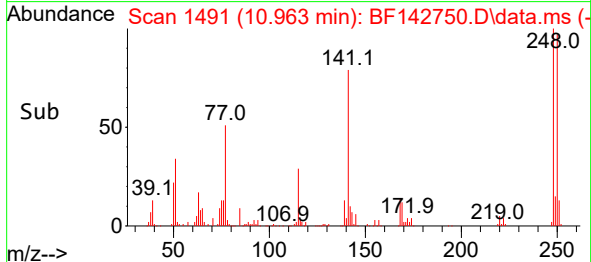
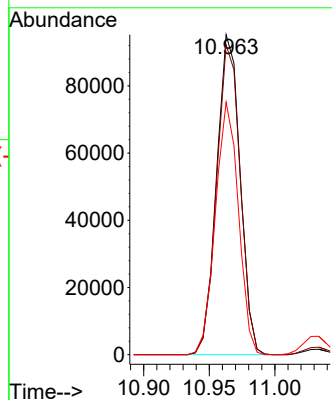
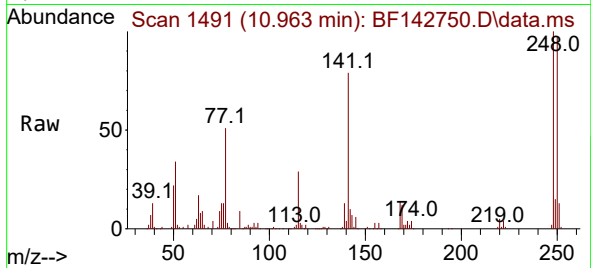




#67
4-Bromophenyl-phenylether
Concen: 51.325 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

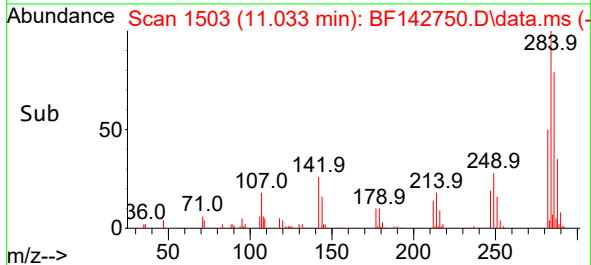
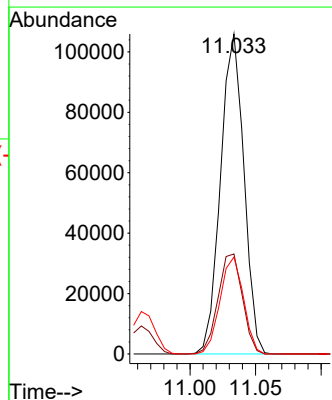
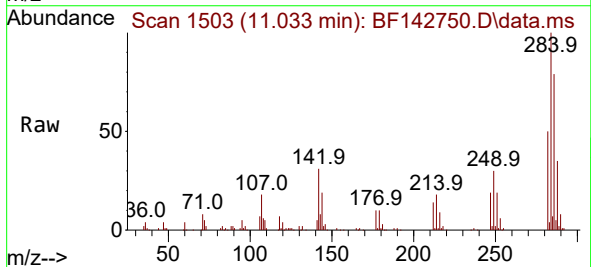
Instrument :
BNA_F
ClientSampleId :
PB168259BS

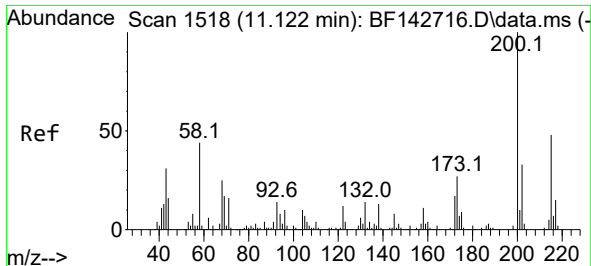
Tgt Ion:248 Resp: 118777
Ion Ratio Lower Upper
248 100
250 96.9 79.2 118.8
141 78.9 59.3 88.9



#68
Hexachlorobenzene
Concen: 51.073 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:284 Resp: 131197
Ion Ratio Lower Upper
284 100
142 31.3 26.0 39.0
249 30.3 24.6 37.0

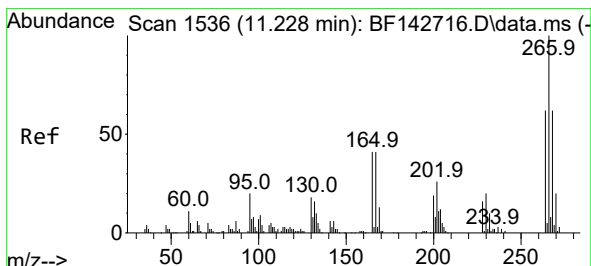
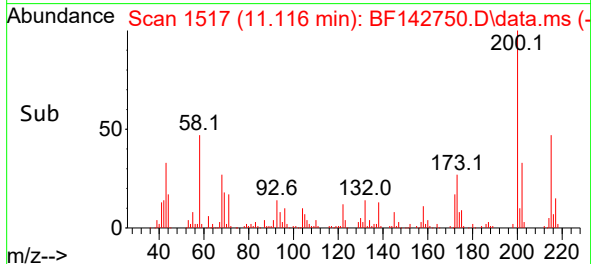
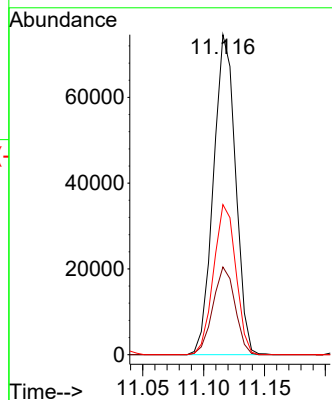
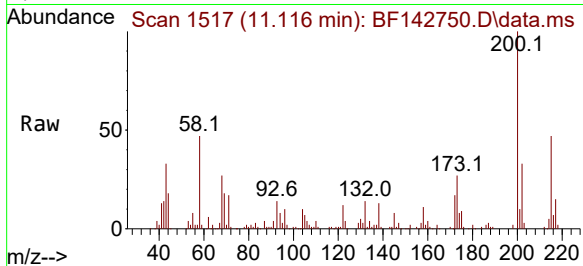




#69
 Atrazine
 Concen: 52.505 ng
 RT: 11.116 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: BF142750.D
 Acq: 12 Jun 2025 11:25

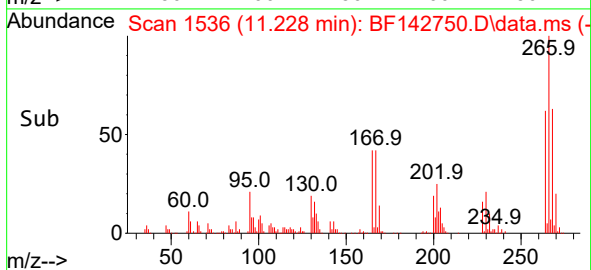
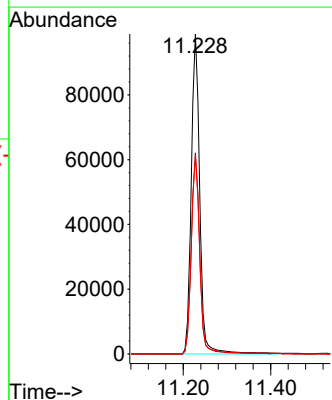
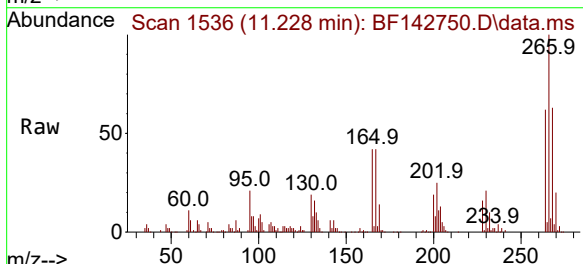
Instrument :
 BNA_F
 ClientSampleId :
 PB168259BS

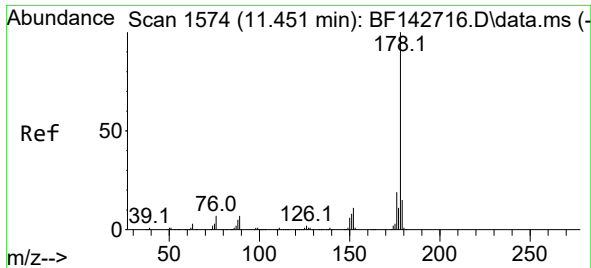
Tgt Ion:200 Resp: 94336
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.4 47.4
 215 46.9 28.2 68.2



#70
 Pentachlorophenol
 Concen: 99.208 ng
 RT: 11.228 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF142750.D
 Acq: 12 Jun 2025 11:25

Tgt Ion:266 Resp: 133589
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.6 74.4
 264 62.0 49.5 74.3

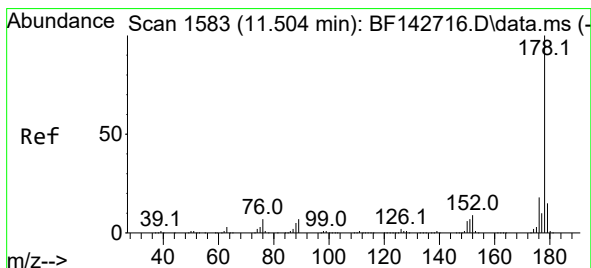
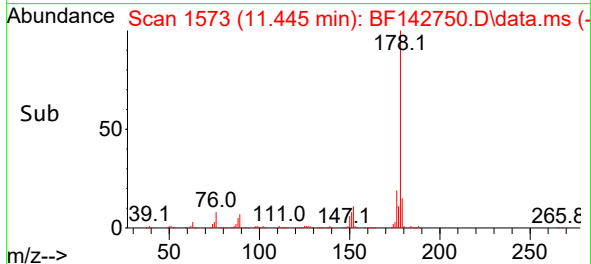
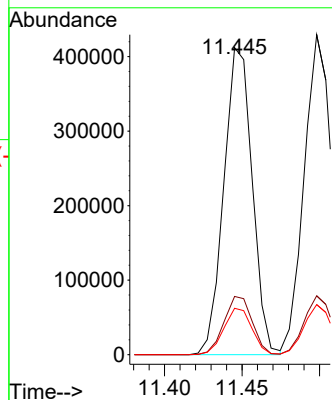
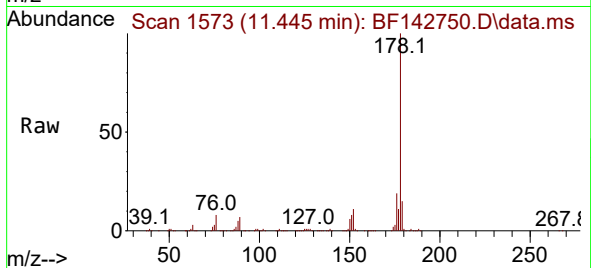




#71
Phenanthrene
Concen: 50.083 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

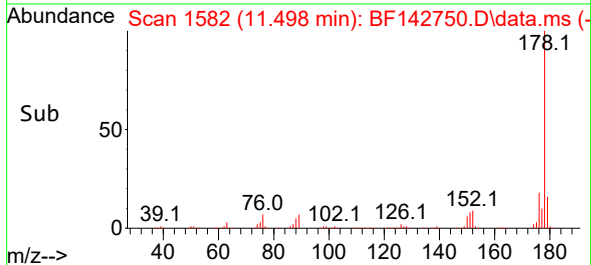
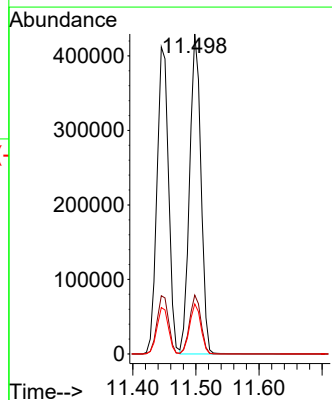
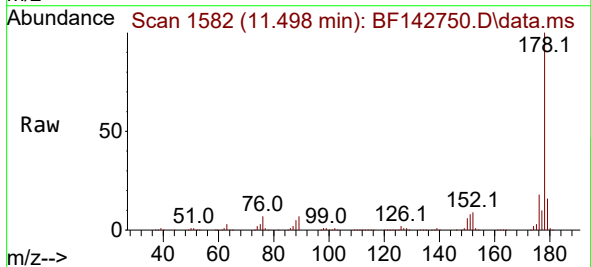
Instrument :
BNA_F
ClientSampleId :
PB168259BS

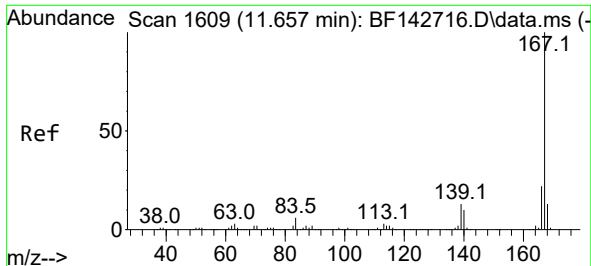
Tgt Ion:178 Resp: 526047
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 49.406 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

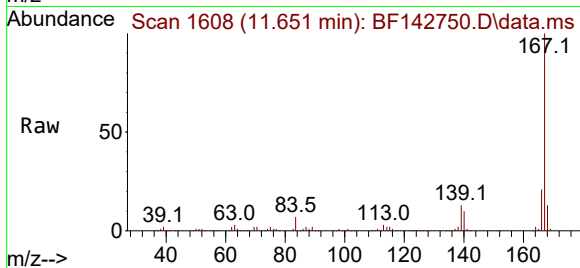
Tgt Ion:178 Resp: 536828
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.6 12.2 18.2



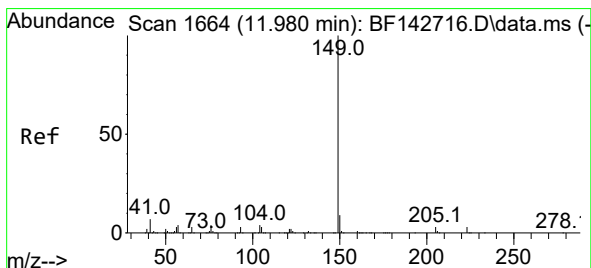
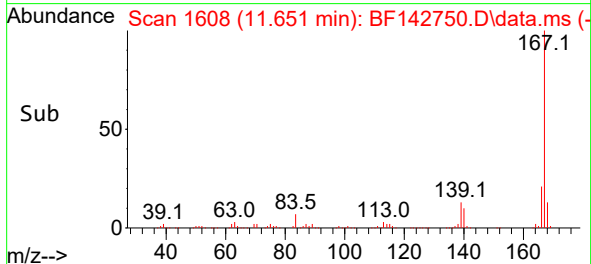
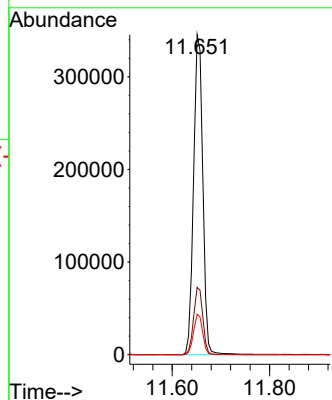


#73
Carbazole
Concen: 50.136 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Instrument :
BNA_F
ClientSampleId :
PB168259BS

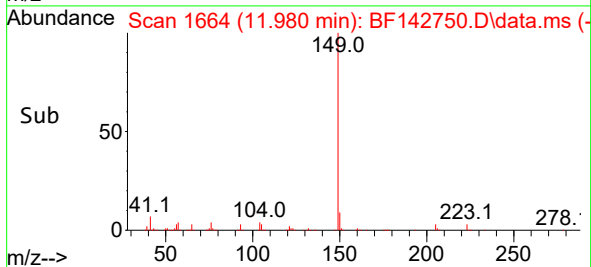
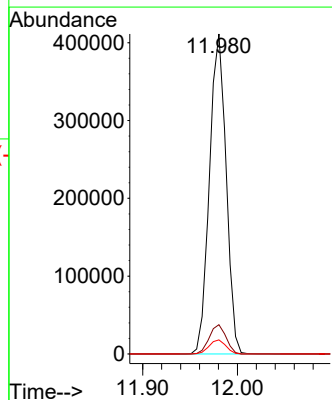
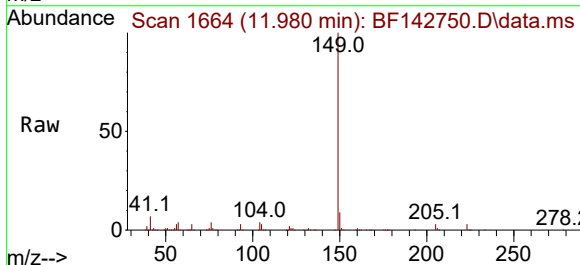


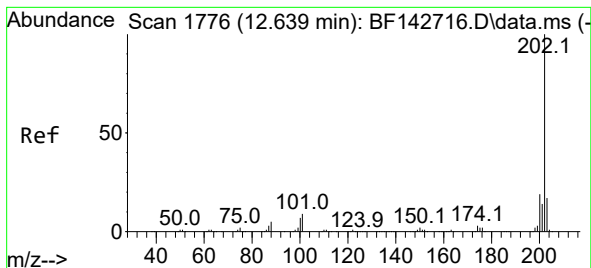
Tgt Ion:167 Resp: 456048
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.7 10.2 15.4



#74
Di-n-butylphthalate
Concen: 49.312 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:149 Resp: 500868
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 4.4 3.4 5.2





#75

Fluoranthene

Concen: 48.875 ng

RT: 12.639 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

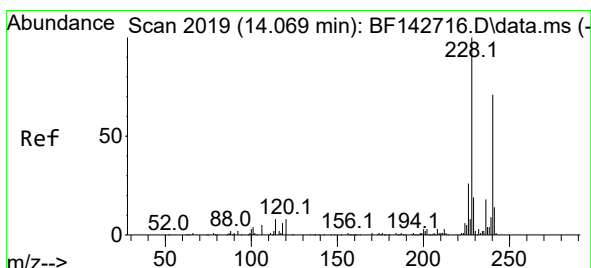
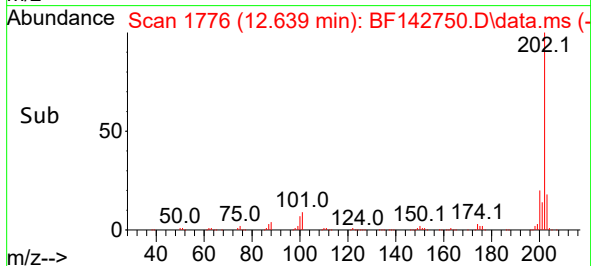
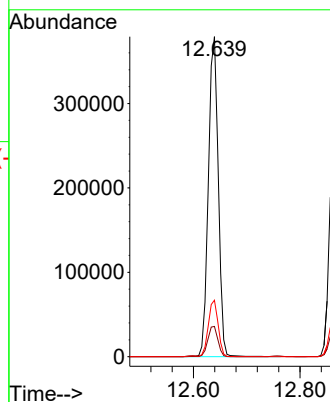
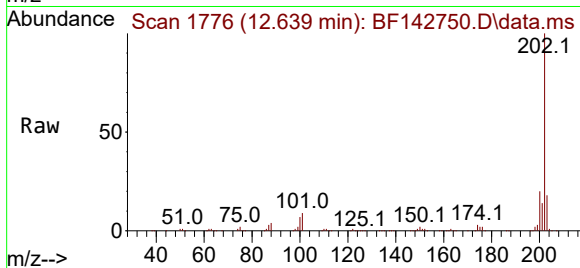
Tgt Ion:202 Resp: 488146

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.5

203 17.7 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

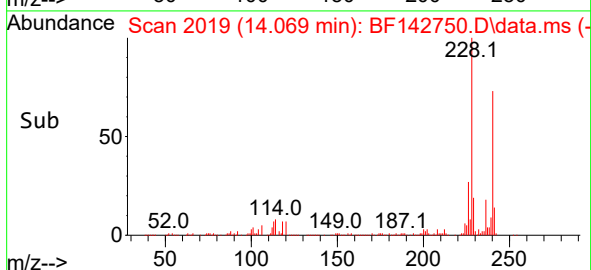
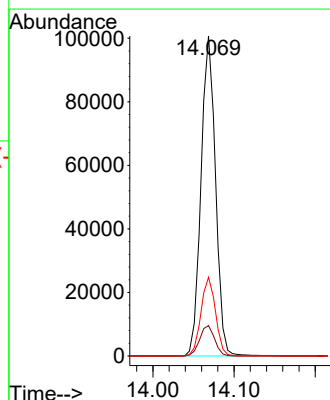
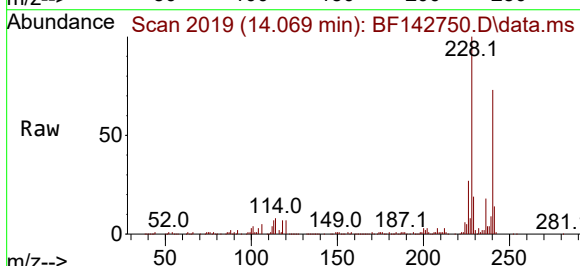
Tgt Ion:240 Resp: 125134

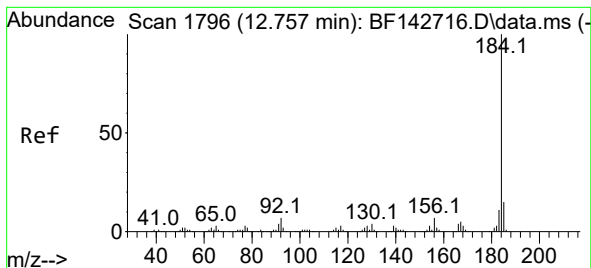
Ion Ratio Lower Upper

240 100

120 9.5 8.5 12.7

236 24.6 20.1 30.1





#77

Benzidine

Concen: 39.099 ng

RT: 12.757 min Scan# 1796

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

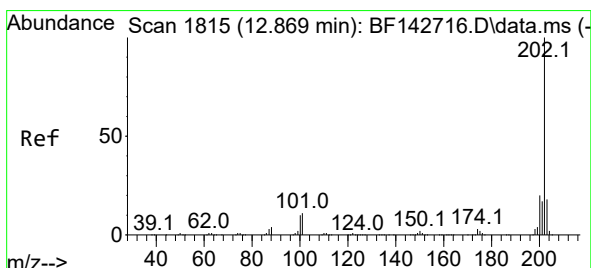
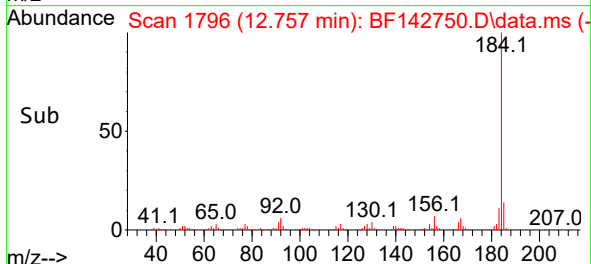
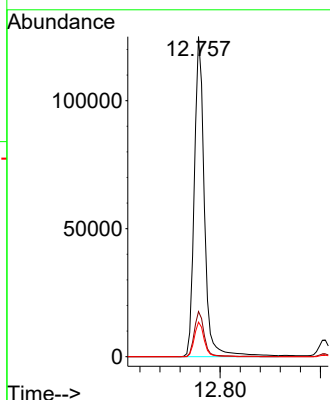
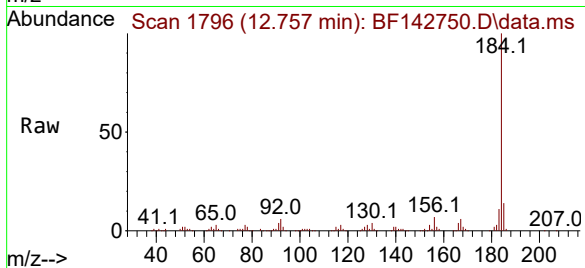
Tgt Ion:184 Resp: 174245

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.8 8.6 12.8



#78

Pyrene

Concen: 41.976 ng

RT: 12.869 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

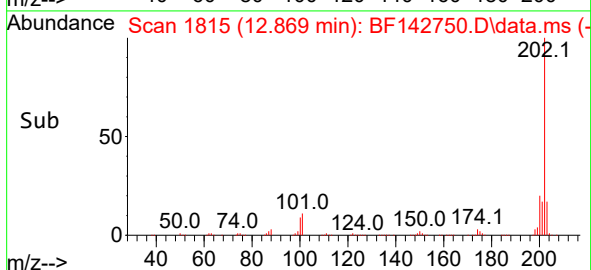
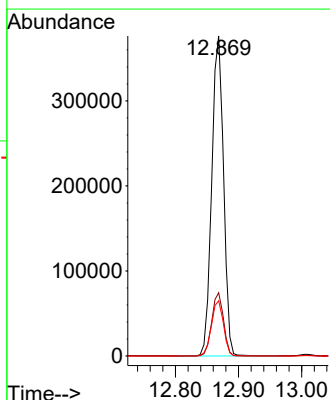
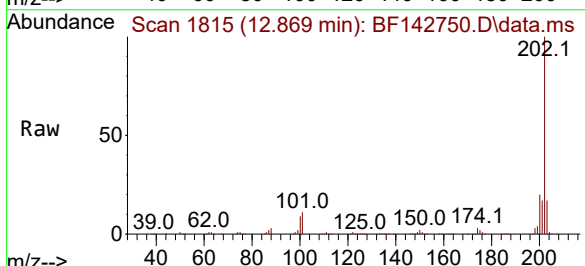
Tgt Ion:202 Resp: 488130

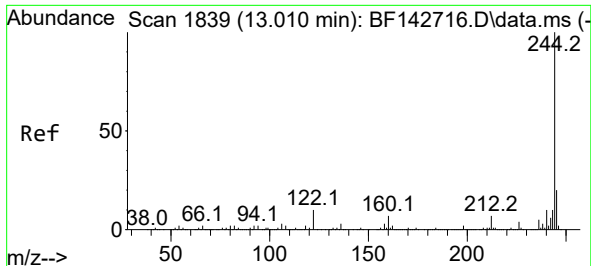
Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.8

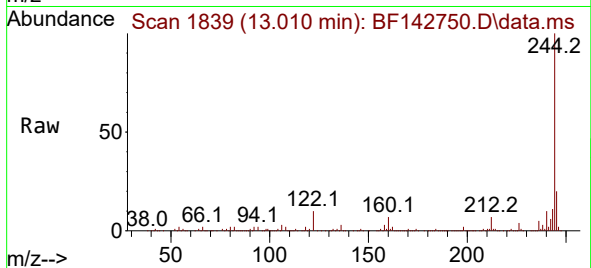
203 17.3 14.1 21.1



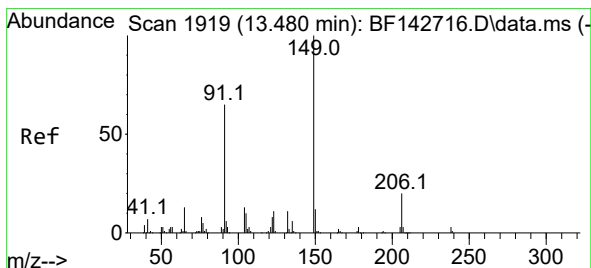
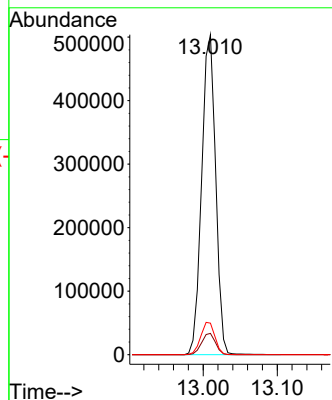
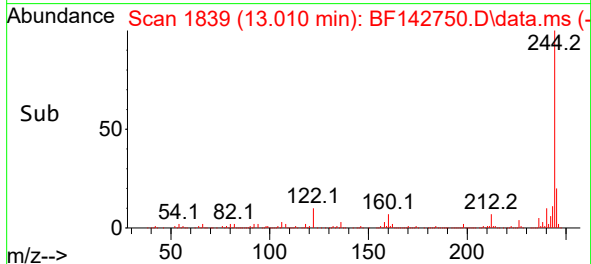


#79
 Terphenyl-d14
 Concen: 72.510 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142750.D
 Acq: 12 Jun 2025 11:25

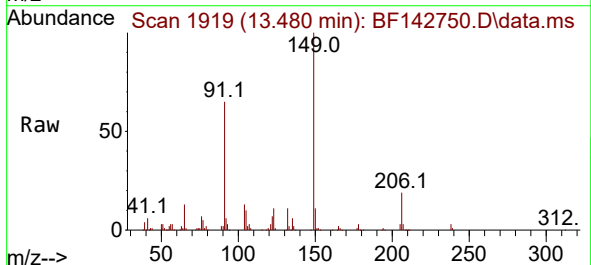
Instrument :
 BNA_F
 ClientSampleId :
 PB168259BS



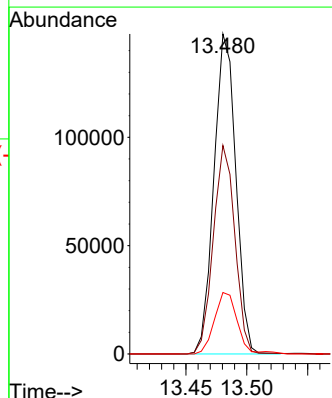
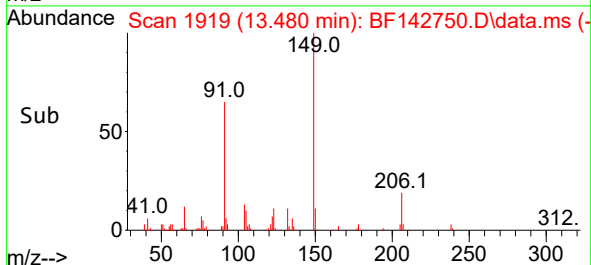
Tgt Ion:244 Resp: 660636
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.9 8.3 12.5

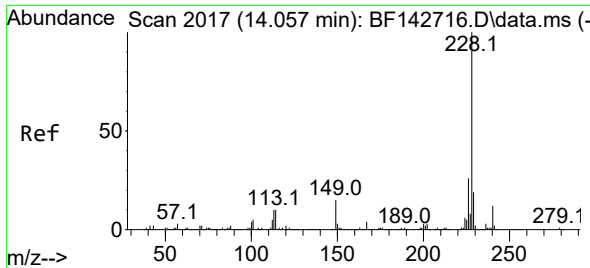


#80
 Butylbenzylphthalate
 Concen: 53.853 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF142750.D
 Acq: 12 Jun 2025 11:25



Tgt Ion:149 Resp: 185187
 Ion Ratio Lower Upper
 149 100
 91 65.2 52.3 78.5
 206 19.2 16.0 24.0

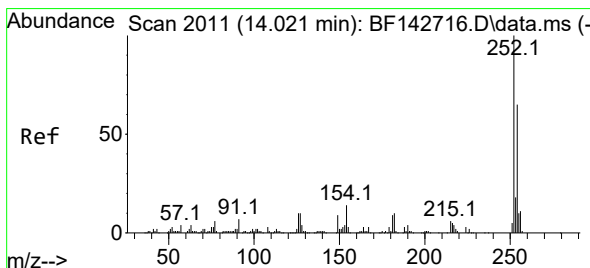
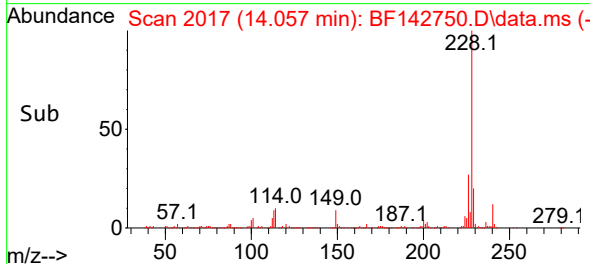
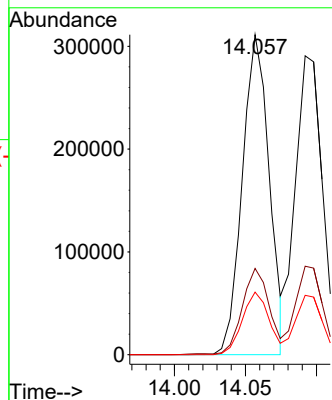
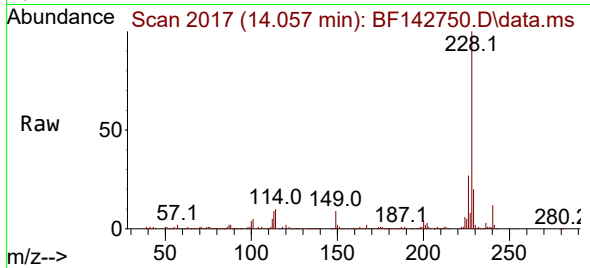




#81
Benzo(a)anthracene
Concen: 49.479 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

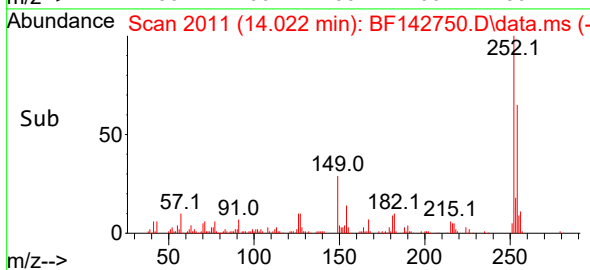
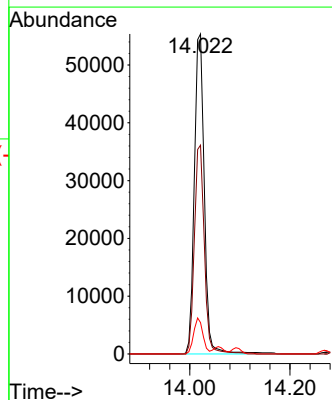
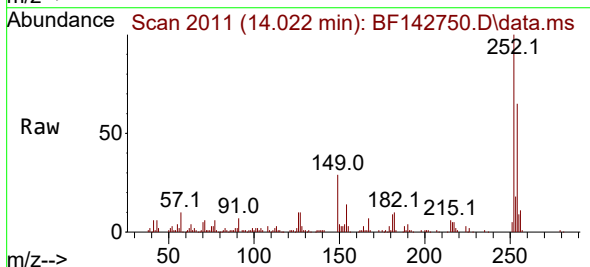
Instrument :
BNA_F
ClientSampleId :
PB168259BS

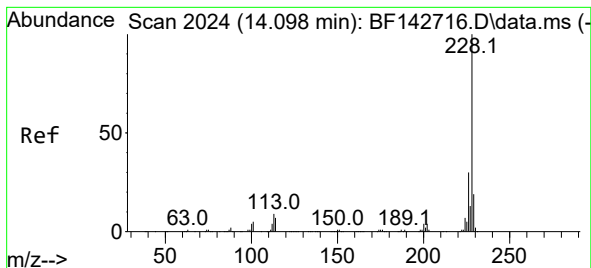
Tgt Ion:228 Resp: 410291
Ion Ratio Lower Upper
228 100
226 26.9 21.0 31.4
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 28.634 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:252 Resp: 76566
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 9.8 8.1 12.1





#83

Chrysene

Concen: 50.207 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

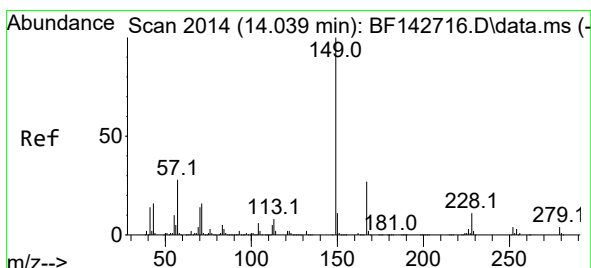
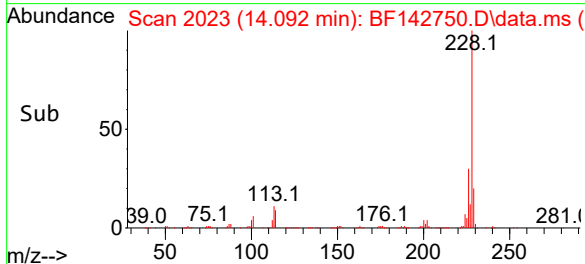
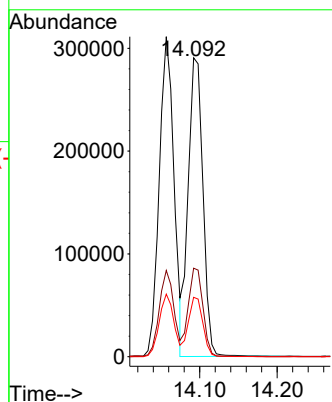
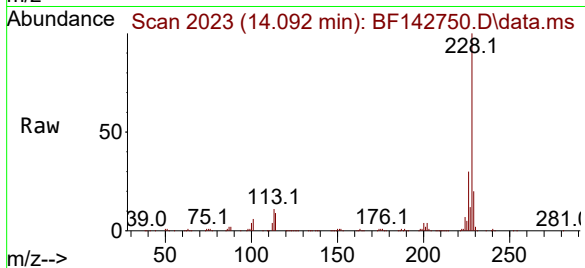
Tgt Ion:228 Resp: 384377

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.632 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

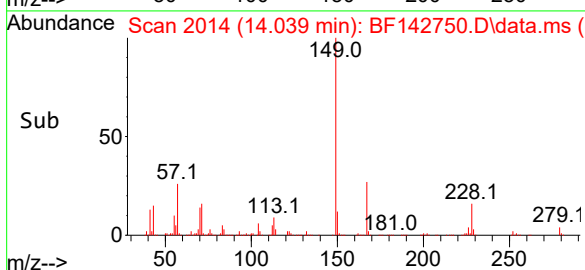
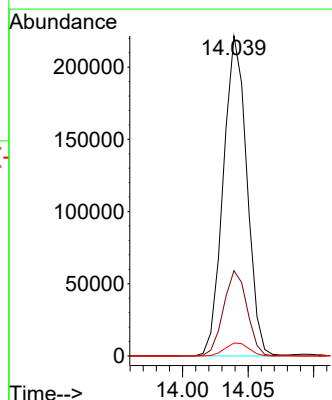
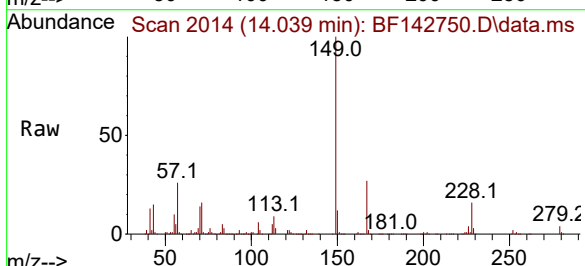
Tgt Ion:149 Resp: 276777

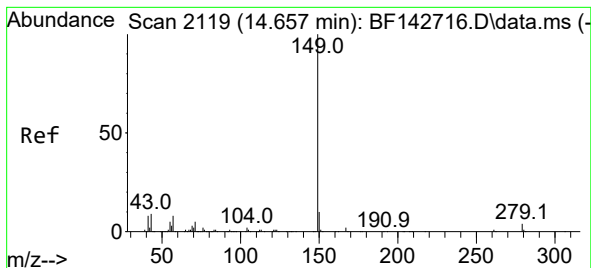
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.2

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 51.187 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

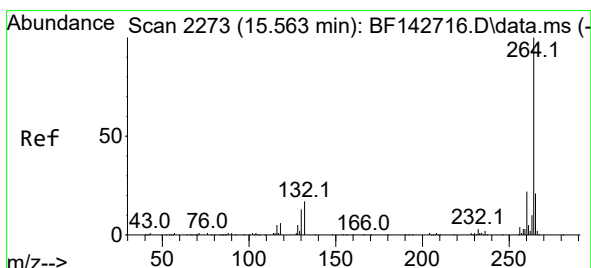
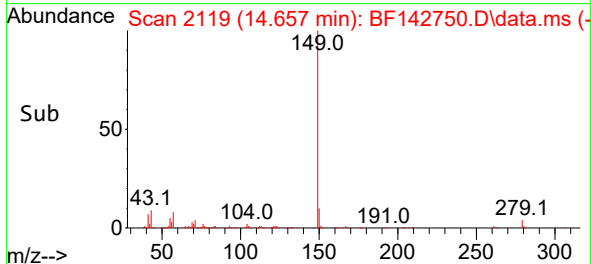
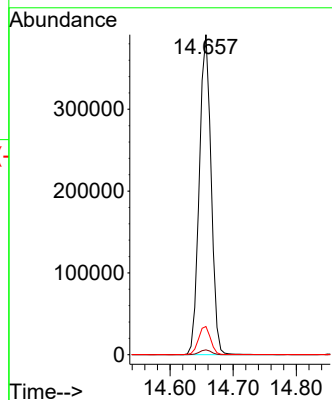
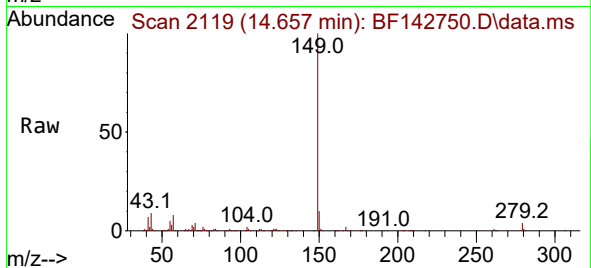
Tgt Ion:149 Resp: 506808

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.2 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

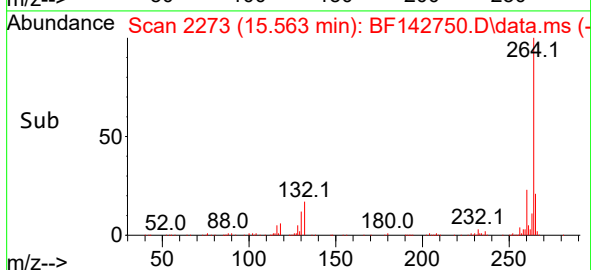
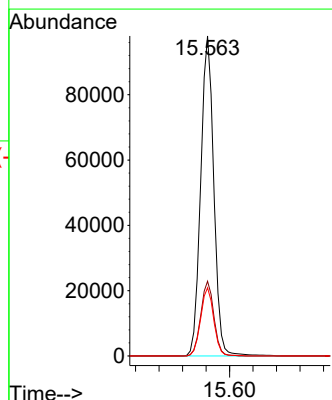
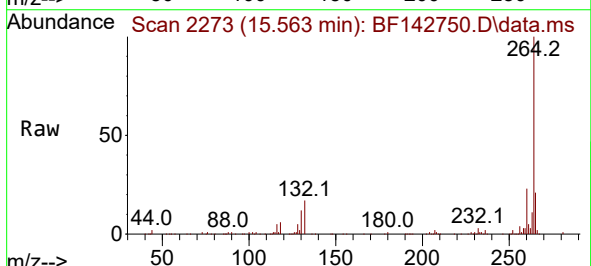
Tgt Ion:264 Resp: 151859

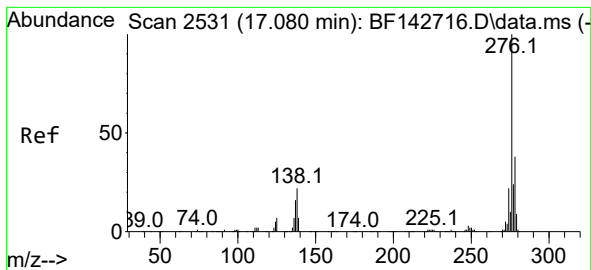
Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.254 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

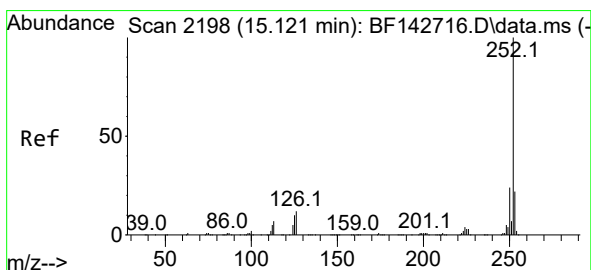
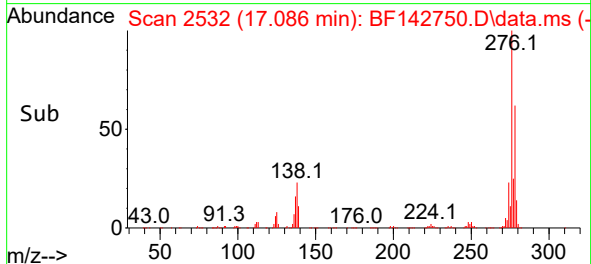
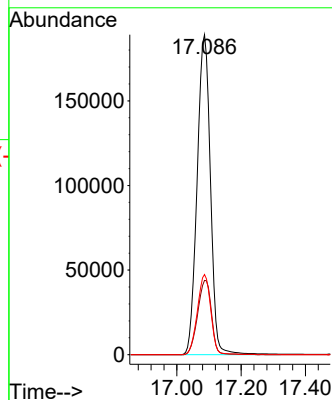
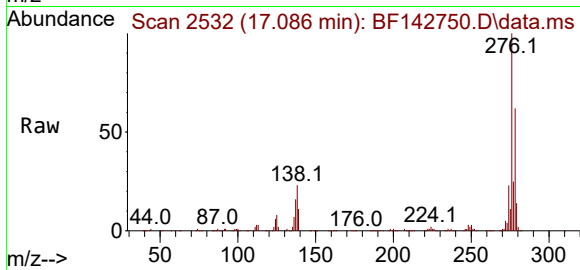
Tgt Ion:276 Resp: 543031

Ion Ratio Lower Upper

276 100

138 24.1 19.3 28.9

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.958 ng

RT: 15.121 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

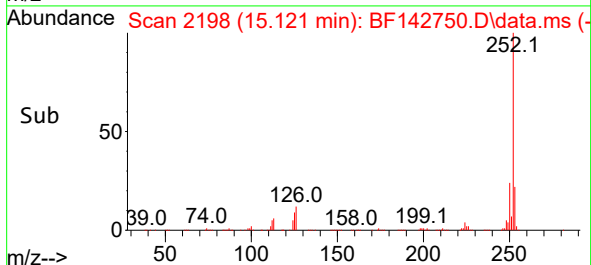
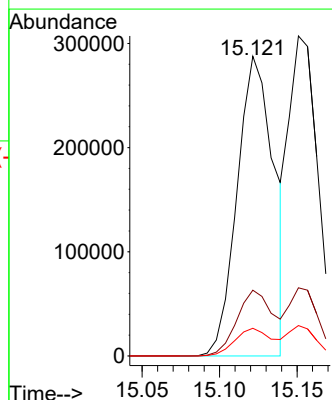
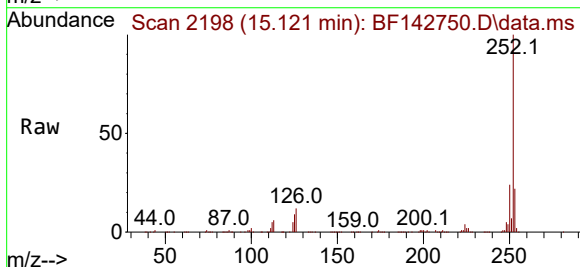
Tgt Ion:252 Resp: 473532

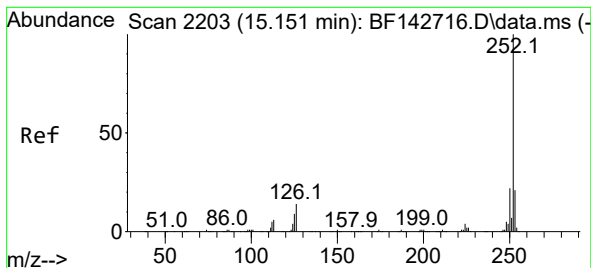
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.520 ng

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

Instrument :

BNA_F

ClientSampleId :

PB168259BS

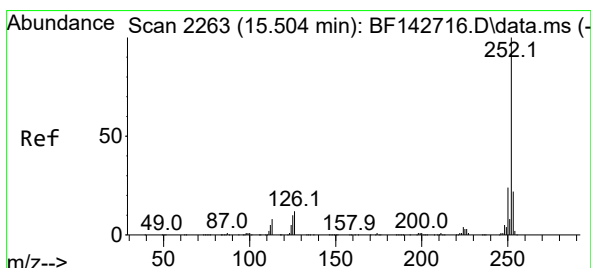
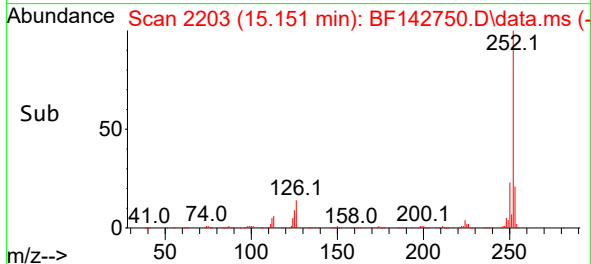
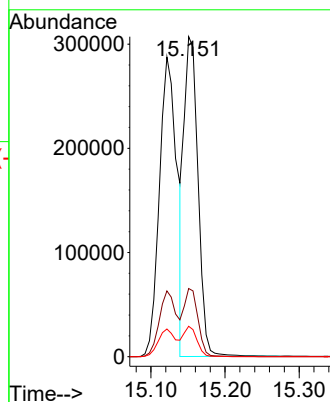
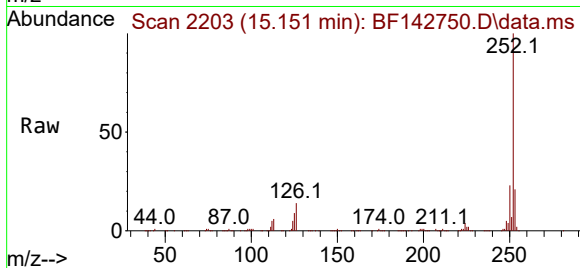
Tgt Ion:252 Resp: 403601

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 50.960 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142750.D

Acq: 12 Jun 2025 11:25

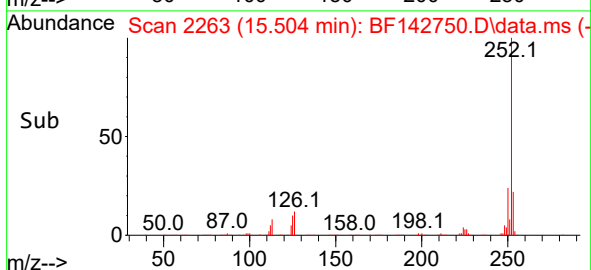
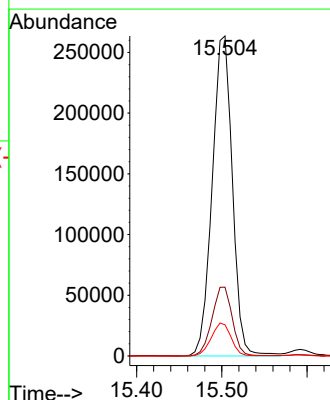
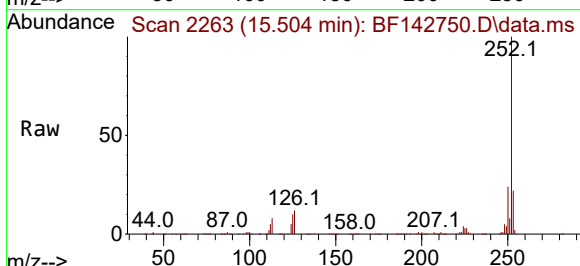
Tgt Ion:252 Resp: 433248

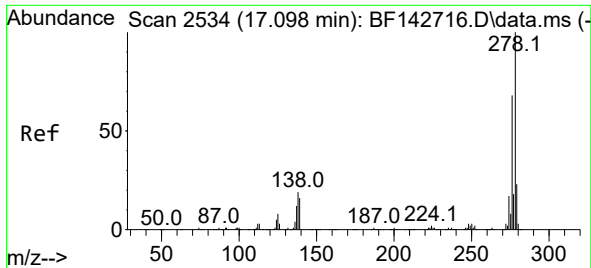
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.7 8.0 12.0

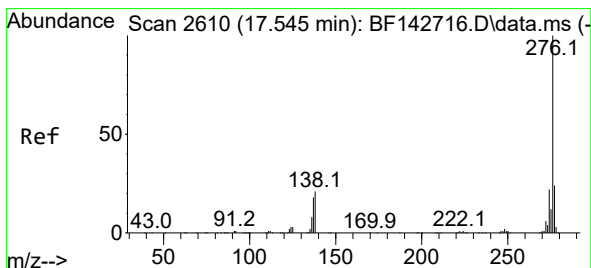
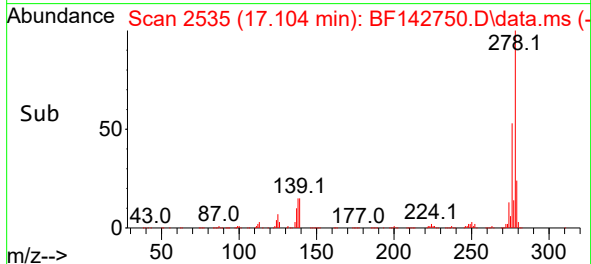
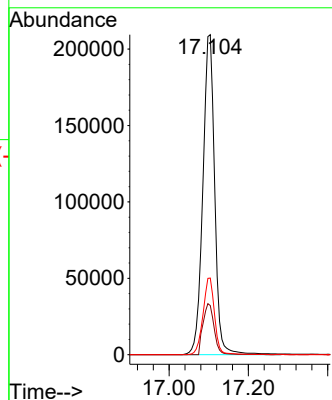
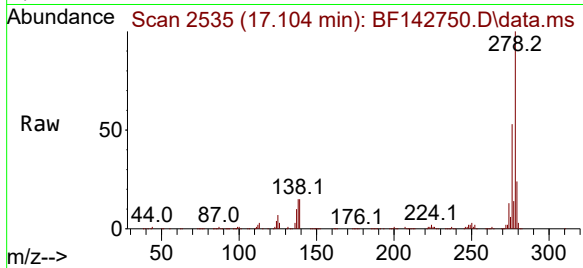




#91
Dibenzo(a,h)anthracene
Concen: 47.477 ng
RT: 17.104 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Instrument :
BNA_F
ClientSampleId :
PB168259BS

Tgt Ion:278 Resp: 436254
Ion Ratio Lower Upper
278 100
139 15.4 12.8 19.2
279 24.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 46.864 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF142750.D
Acq: 12 Jun 2025 11:25

Tgt Ion:276 Resp: 428212
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.4 16.4 24.6

