

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064490.D
 Acq On : 3 Oct 2025 16:57
 Operator : RC/JU
 Sample : PB169973BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

Quant Time: Oct 03 17:39:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	15312	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	68886	20.000	ng	# 0.00
39) Acenaphthene-d10	14.453	164	53563	20.000	ng	0.00
64) Phenanthrene-d10	17.191	188	138632	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	141515	20.000	ng	0.00
86) Perylene-d12	24.388	264	151583	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	134466	162.522	ng	0.01
7) Phenol-d6	7.003	99	172569	155.209	ng	0.02
23) Nitrobenzene-d5	8.977	82	117218	91.496	ng	0.01
42) 2,4,6-Tribromophenol	15.939	330	140210	144.412	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	328094	90.288	ng	0.00
79) Terphenyl-d14	19.805	244	721842	96.533	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	13298	40.634	ng	# 92
3) Pyridine	3.706	79	34946	39.733	ng	94
4) n-Nitrosodimethylamine	3.624	42	31964	50.132	ng	87
6) Aniline	7.149	93	48523	34.598	ng	97
8) 2-Chlorophenol	7.390	128	56075	55.194	ng	98
9) Benzaldehyde	6.961	77	25788	26.128	ng	91
10) Phenol	7.026	94	64826	55.269	ng	98
11) bis(2-Chloroethyl)ether	7.249	93	39465	49.685	ng	95
12) 1,3-Dichlorobenzene	7.713	146	55884	50.283	ng	98
13) 1,4-Dichlorobenzene	7.860	146	59496	53.339	ng	91
14) 1,2-Dichlorobenzene	8.172	146	55839	50.794	ng	96
15) Benzyl Alcohol	8.060	79	55796	54.492	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.348	45	61797	48.266	ng	98
17) 2-Methylphenol	8.272	107	46672	54.952	ng	98
18) Hexachloroethane	8.900	117	21715	49.321	ng	92
19) n-Nitroso-di-n-propyla...	8.624	70	38963	52.398	ng	97
20) 3+4-Methylphenols	8.595	107	65493	55.259	ng	93
22) Acetophenone	8.642	105	91544	54.885	ng	# 96
24) Nitrobenzene	9.018	77	60821	47.607	ng	96
25) Isophorone	9.541	82	110698	47.697	ng	98
26) 2-Nitrophenol	9.729	139	30795	48.432	ng	97
27) 2,4-Dimethylphenol	9.793	122	55310	56.953	ng	95
28) bis(2-Chloroethoxy)met...	10.023	93	58363	49.333	ng	97
29) 2,4-Dichlorophenol	10.263	162	59120	52.643	ng	96
30) 1,2,4-Trichlorobenzene	10.475	180	61294	50.056	ng	98
31) Naphthalene	10.663	128	171886	48.456	ng	99
32) Benzoic acid	9.958	122	40313	54.066	ng	89
33) 4-Chloroaniline	10.769	127	20695	15.203	ng	# 97
34) Hexachlorobutadiene	10.951	225	49245	46.959	ng	99
35) Caprolactam	11.538	113	10587	27.537	ng	97
36) 4-Chloro-3-methylphenol	11.903	107	70424	51.566	ng	97
37) 2-Methylnaphthalene	12.273	142	121185	44.505	ng	98
38) 1-Methylnaphthalene	12.490	142	126687	46.659	ng	100
40) 1,2,4,5-Tetrachloroben...	12.643	216	92935	53.737	ng	98
41) Hexachlorocyclopentadiene	12.625	237	123269	136.260	ng	94
43) 2,4,6-Trichlorophenol	12.884	196	57388	51.908	ng	99

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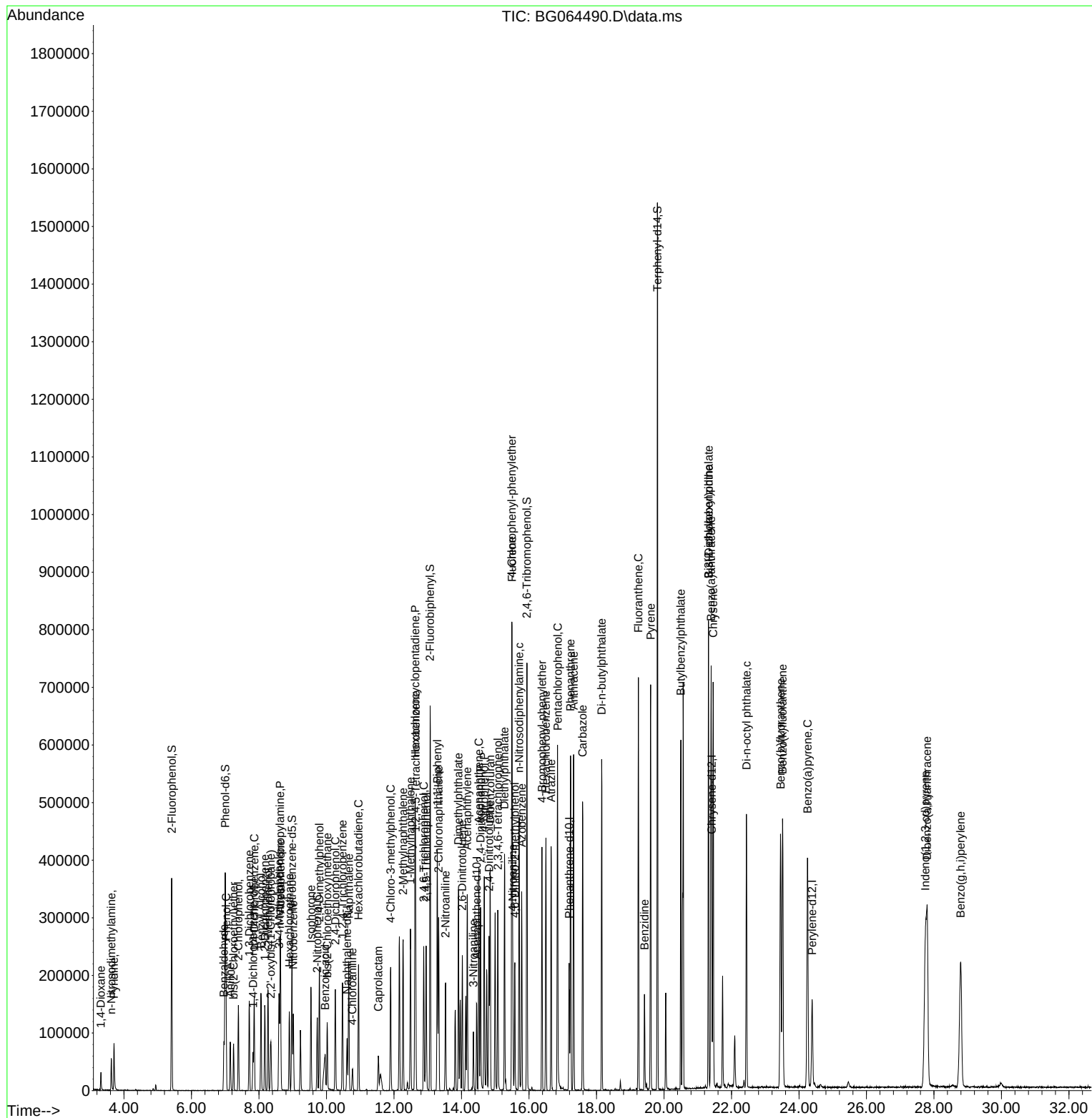
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	60489	49.008	ng	95
46) 1,1'-Biphenyl	13.283	154	204884	53.183	ng	99
47) 2-Chloronaphthalene	13.325	162	136452	47.440	ng	96
48) 2-Nitroaniline	13.530	65	49637	50.563	ng	96
49) Acenaphthylene	14.171	152	236815	55.463	ng	99
50) Dimethylphthalate	13.912	163	203802	48.581	ng	97
51) 2,6-Dinitrotoluene	14.024	165	43905	50.241	ng	95
52) Acenaphthene	14.517	154	140204	47.264	ng	95
53) 3-Nitroaniline	14.353	138	21048	26.116	ng	93
54) 2,4-Dinitrophenol	14.564	184	60905	96.115	ng	86
55) Dibenzofuran	14.852	168	239756	48.950	ng	99
56) 4-Nitrophenol	14.676	139	70541	111.171	ng	97
57) 2,4-Dinitrotoluene	14.817	165	71035	53.174	ng	99
58) Fluorene	15.498	166	204659	50.261	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	68433	54.327	ng	98
60) Diethylphthalate	15.275	149	222549	49.452	ng	# 97
61) 4-Chlorophenyl-phenyle...	15.493	204	106708	48.001	ng	96
62) 4-Nitroaniline	15.522	138	43915	52.280	ng	89
63) Azobenzene	15.786	77	173819	49.872	ng	96
65) 4,6-Dinitro-2-methylph...	15.581	198	46256	47.921	ng	97
66) n-Nitrosodiphenylamine	15.710	169	182340	49.254	ng	93
67) 4-Bromophenyl-phenylether	16.386	248	78451	48.089	ng	90
68) Hexachlorobenzene	16.503	284	91352	48.936	ng	98
69) Atrazine	16.656	200	87001	52.822	ng	95
70) Pentachlorophenol	16.850	266	109925	100.712	ng	100
71) Phenanthrene	17.232	178	352360	48.603	ng	97
72) Anthracene	17.326	178	362889	49.895	ng	98
73) Carbazole	17.590	167	327423	52.082	ng	99
74) Di-n-butylphthalate	18.154	149	396998	51.730	ng	100
75) Fluoranthene	19.241	202	441298	50.952	ng	99
77) Benzidine	19.423	184	100027	28.405	ng	96
78) Pyrene	19.605	202	454934	49.536	ng	98
80) Butylbenzylphthalate	20.498	149	165196	50.742	ng	99
81) Benzo(a)anthracene	21.397	228	451659	49.985	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	83367	27.260	ng	# 96
83) Chrysene	21.456	228	424681	49.559	ng	96
84) Bis(2-ethylhexyl)phtha...	21.321	149	234171	50.979	ng	100
85) Di-n-octyl phthalate	22.443	149	388583	50.334	ng	99
87) Indeno(1,2,3-cd)pyrene	27.743	276	540606	51.237	ng	# 97
88) Benzo(b)fluoranthene	23.454	252	434847	50.425	ng	99
89) Benzo(k)fluoranthene	23.513	252	449174	51.716	ng	100
90) Benzo(a)pyrene	24.253	252	423237	53.252	ng	97
91) Dibenzo(a,h)anthracene	27.796	278	442427	52.434	ng	98
92) Benzo(g,h,i)perylene	28.789	276	432535	52.749	ng	98

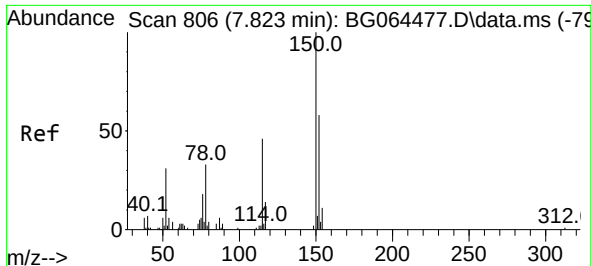
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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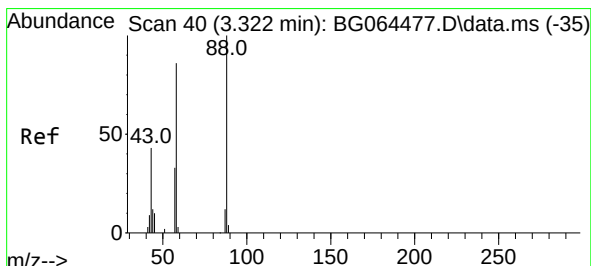
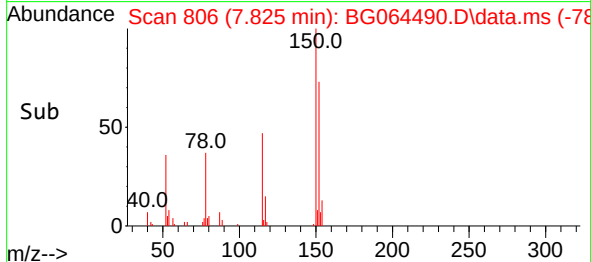
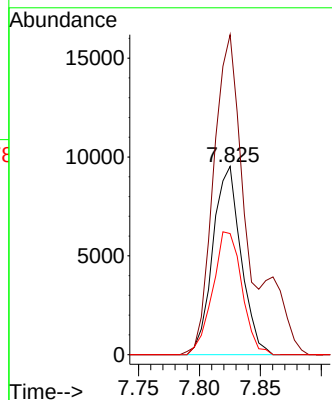
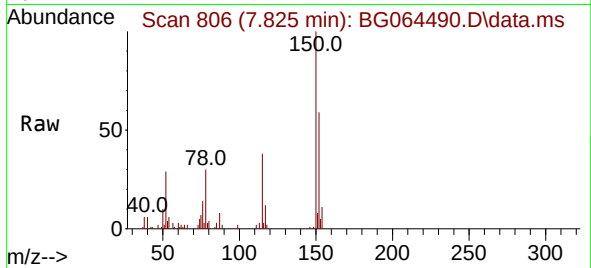




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.825 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

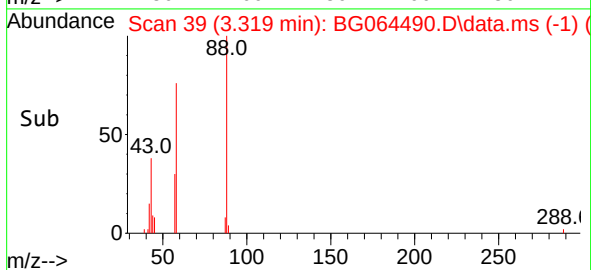
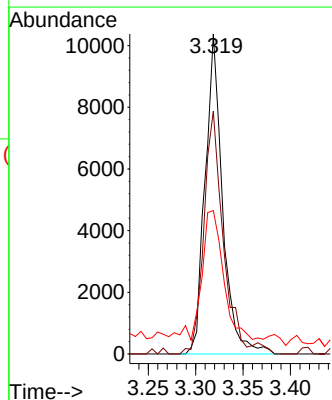
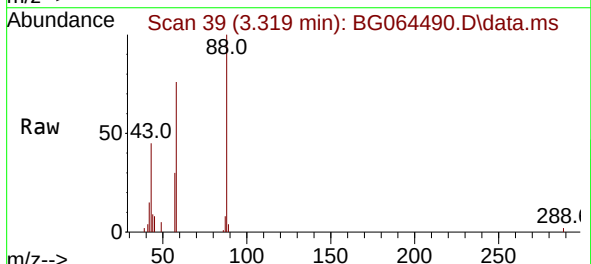
Instrument :
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 ClientSampleId :
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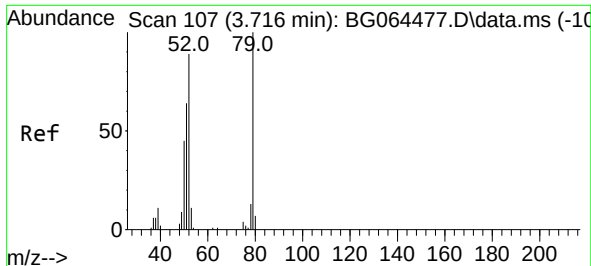
Tgt Ion:152 Resp: 15312
 Ion Ratio Lower Upper
 152 100
 150 170.0 138.6 207.8
 115 64.3 63.4 95.2



#2
 1,4-Dioxane
 Concen: 40.634 ng
 RT: 3.319 min Scan# 39
 Delta R.T. -0.001 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

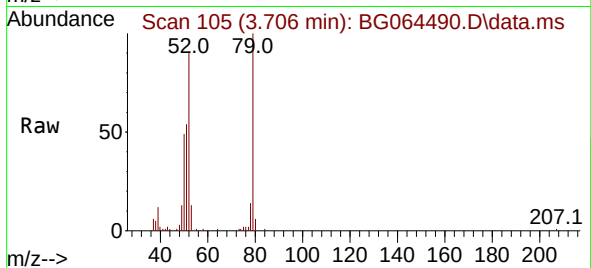
Tgt Ion: 88 Resp: 13298
 Ion Ratio Lower Upper
 88 100
 58 83.3 69.8 104.6
 43 57.4 37.4 56.0





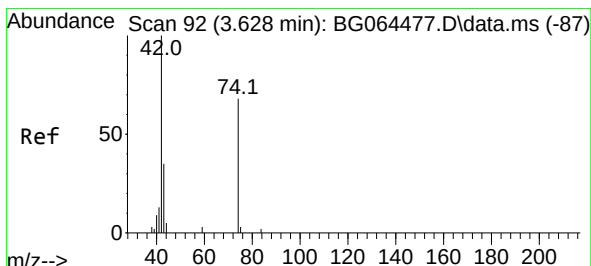
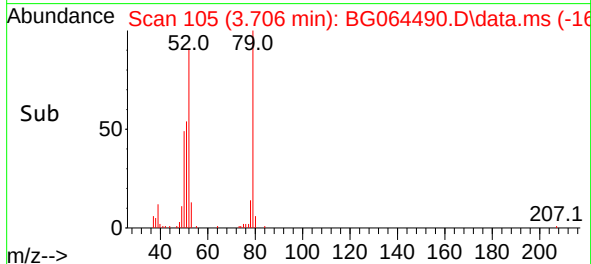
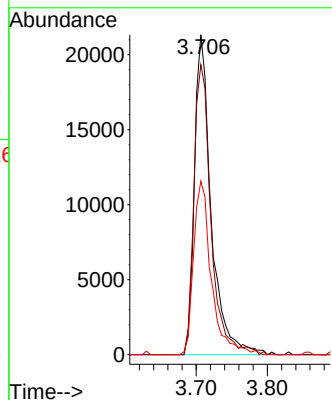
#3
Pyridine
Concen: 39.733 ng
RT: 3.706 min Scan# 107
Delta R.T. -0.007 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Instrument :
BNA_G
ClientSampleId :
PB169973BSD



Tgt Ion: 79 Resp: 34946

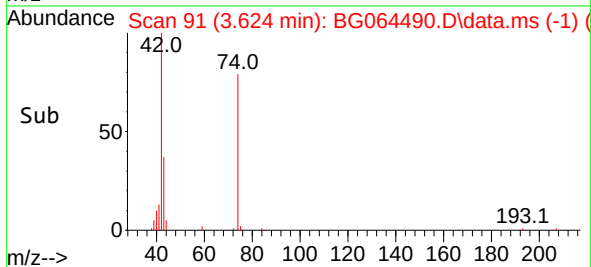
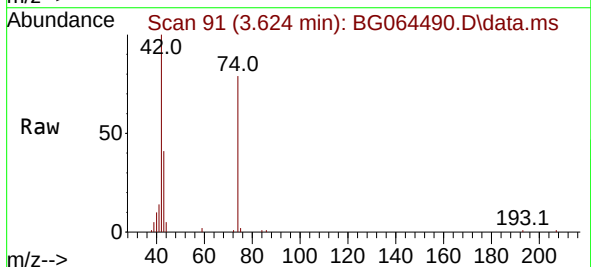
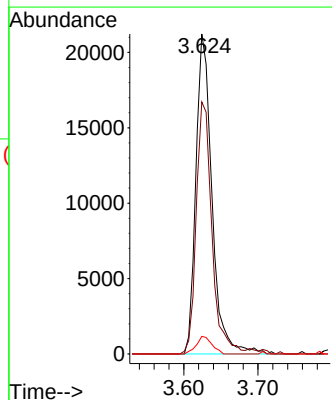
Ion	Ratio	Lower	Upper
79	100		
52	90.7	71.0	106.4
51	54.2	51.0	76.6

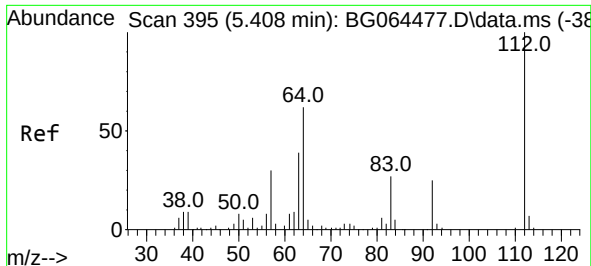


#4
n-Nitrosodimethylamine
Concen: 50.132 ng
RT: 3.624 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion: 42 Resp: 31964

Ion	Ratio	Lower	Upper
42	100		
74	78.7	54.2	81.4
44	5.5	4.2	6.2

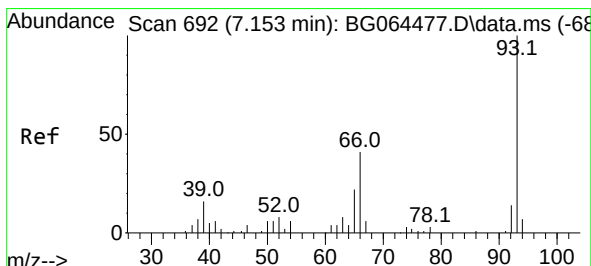
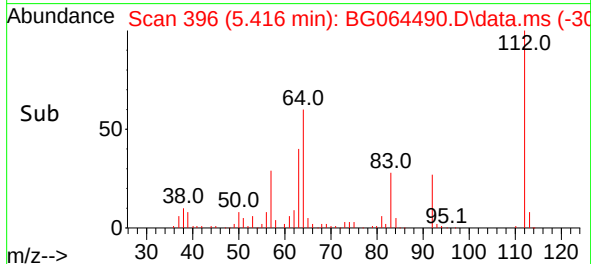
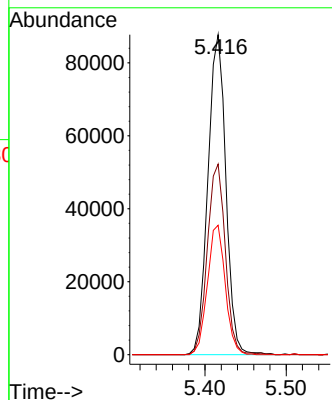
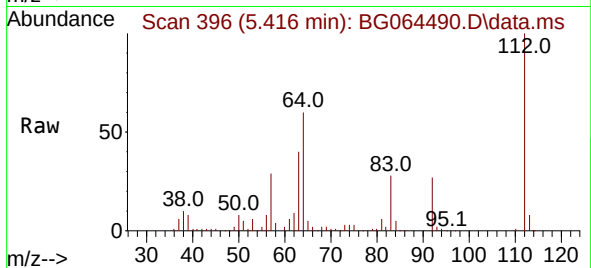




#5
2-Fluorophenol
Concen: 162.522 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

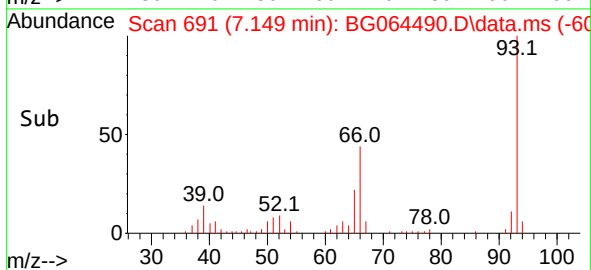
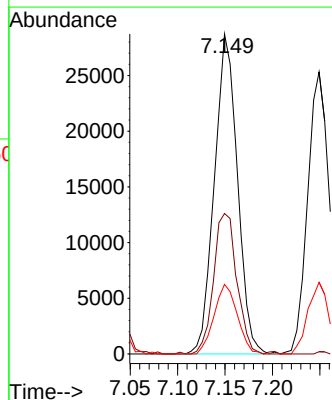
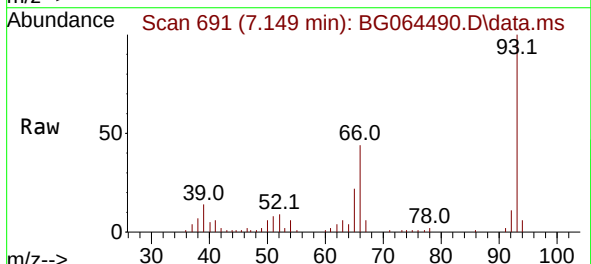
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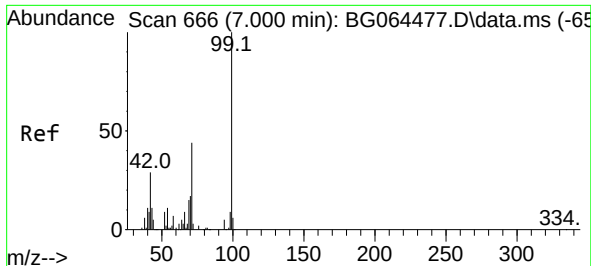
Tgt Ion:112 Resp: 134466
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.8
63 40.5 31.3 46.9



#6
Aniline
Concen: 34.598 ng
RT: 7.149 min Scan# 691
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

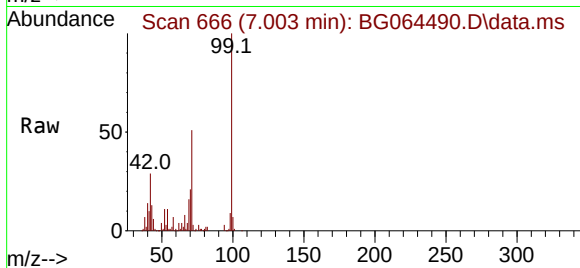
Tgt Ion: 93 Resp: 48523
Ion Ratio Lower Upper
93 100
66 43.9 33.0 49.4
65 21.8 17.5 26.3



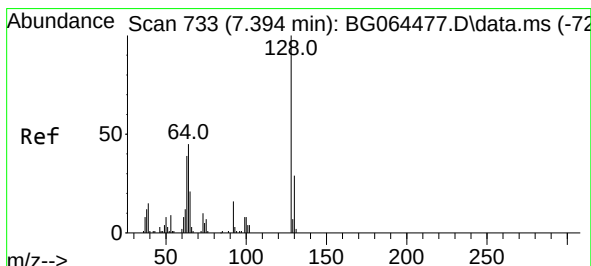
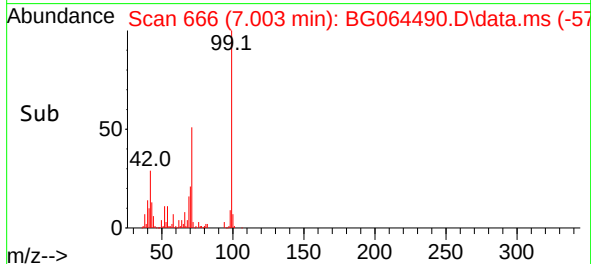
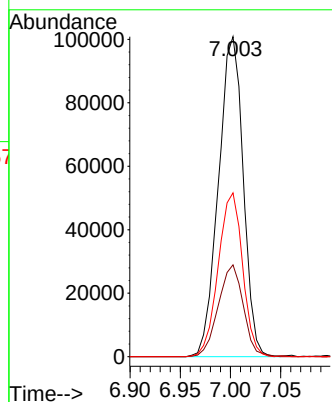


#7
Phenol-d6
Concen: 155.209 ng
RT: 7.003 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064490.D
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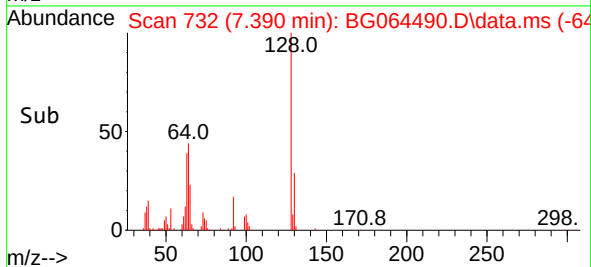
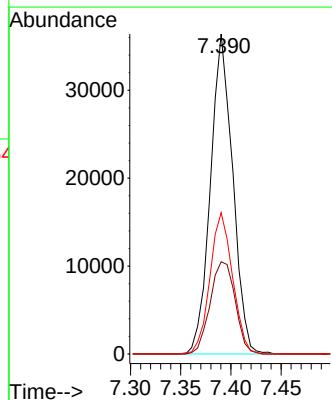
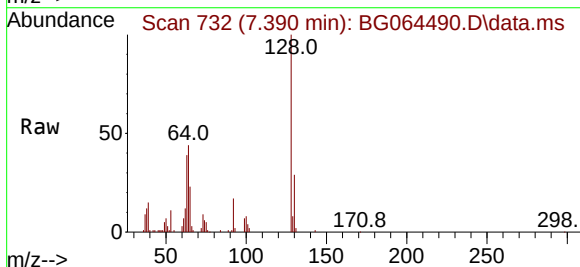


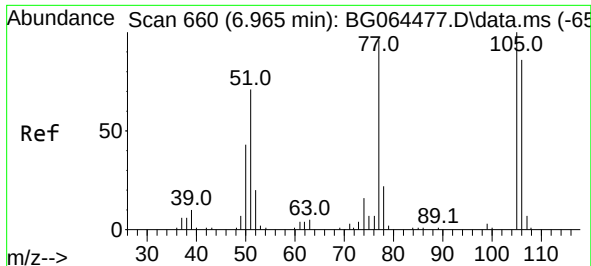
Tgt Ion: 99 Resp: 172569
Ion Ratio Lower Upper
99 100
42 28.7 22.9 34.3
71 51.2 35.4 53.2



#8
2-Chlorophenol
Concen: 55.194 ng
RT: 7.390 min Scan# 732
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:128 Resp: 56075
Ion Ratio Lower Upper
128 100
130 28.8 9.2 49.2
64 44.1 25.5 65.5

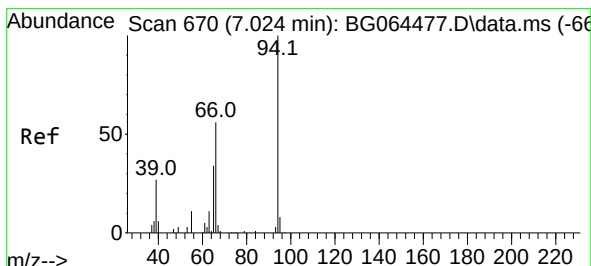
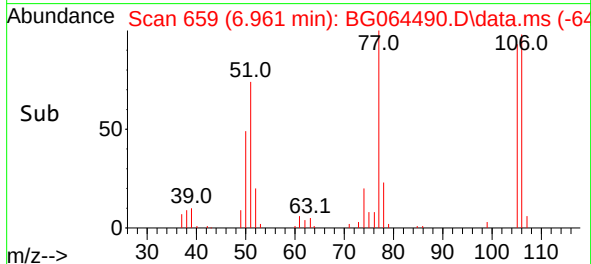
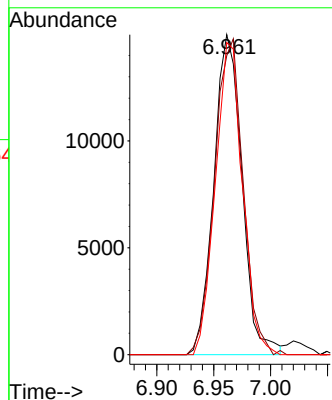
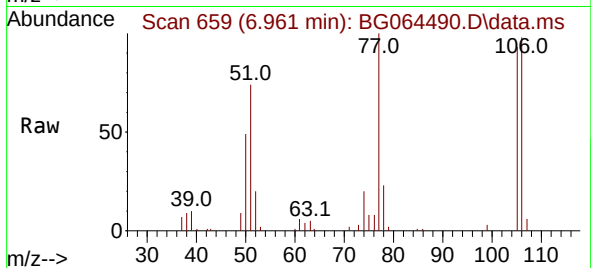




#9
Benzaldehyde
Concen: 26.128 ng
RT: 6.961 min Scan# 610
Delta R.T. -0.001 min
Lab File: BG064490.D
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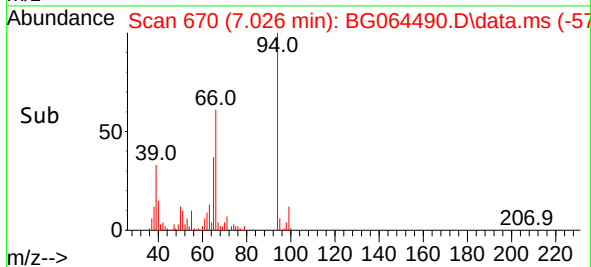
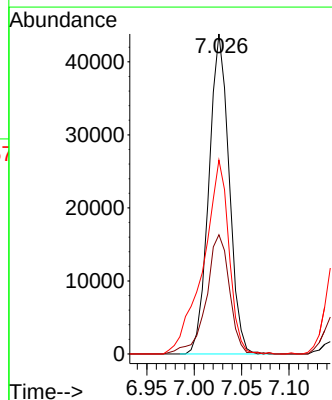
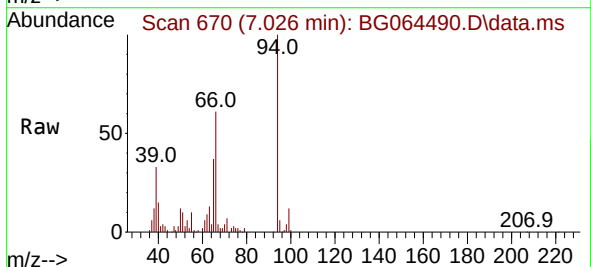
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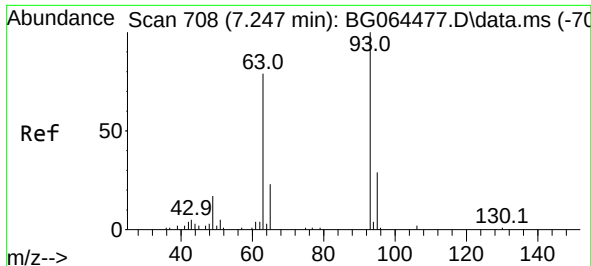
Tgt Ion: 77 Resp: 25788
Ion Ratio Lower Upper
77 100
105 93.5 83.7 123.7
106 97.5 69.4 109.4



#10
Phenol
Concen: 55.269 ng
RT: 7.026 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064490.D
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Tgt Ion: 94 Resp: 64826
Ion Ratio Lower Upper
94 100
65 37.2 14.8 54.8
66 60.6 41.4 81.4

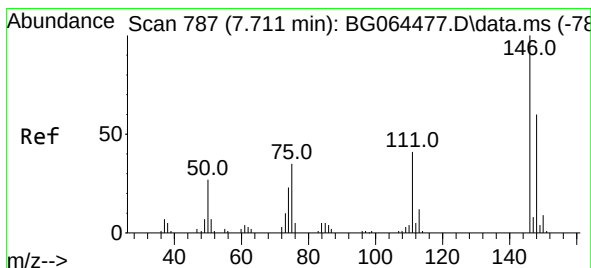
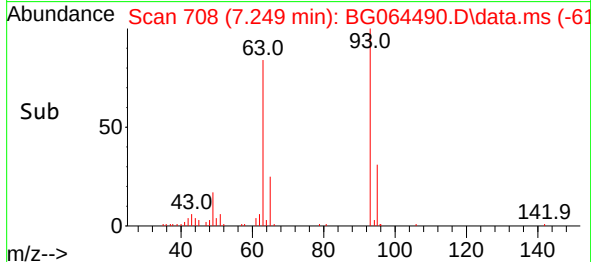
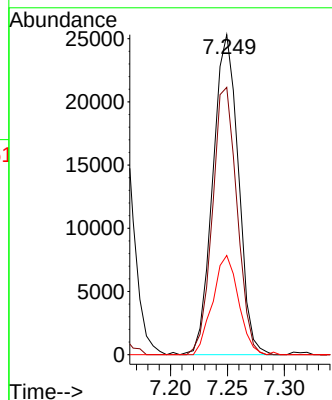
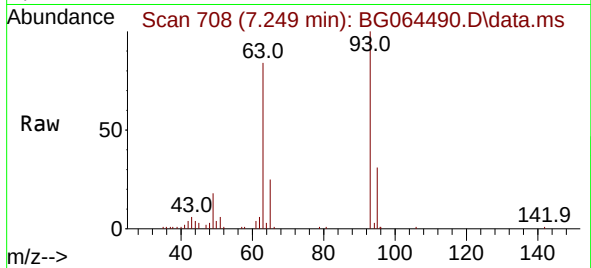




#11
bis(2-Chloroethyl)ether
Concen: 49.685 ng
RT: 7.249 min Scan# 708
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

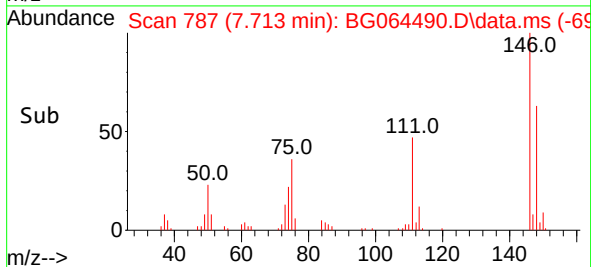
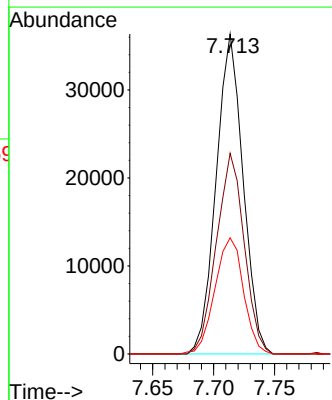
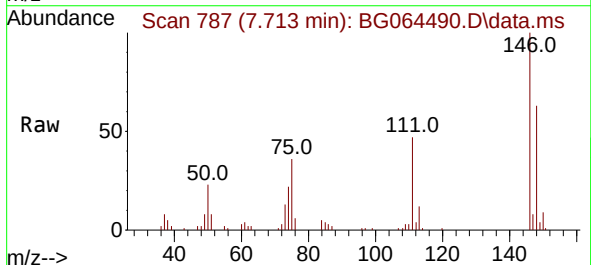
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

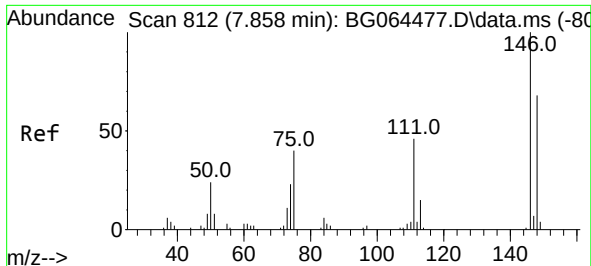
Tgt Ion: 93	Resp:	39465	
Ion	Ratio	Lower	Upper
93	100		
63	83.6	59.5	99.5
95	31.0	8.8	48.8



#12
1,3-Dichlorobenzene
Concen: 50.283 ng
RT: 7.713 min Scan# 787
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:146	Resp:	55884	
Ion	Ratio	Lower	Upper
146	100		
148	62.7	48.4	72.6
75	36.3	28.3	42.5





#13

1,4-Dichlorobenzene

Concen: 53.339 ng

RT: 7.860 min Scan# 812

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

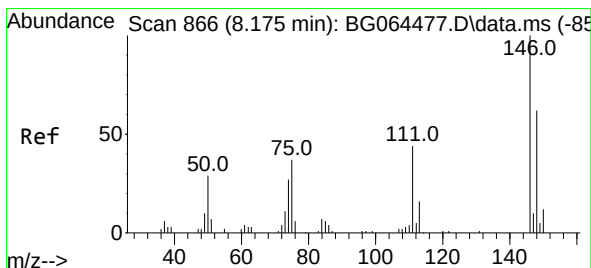
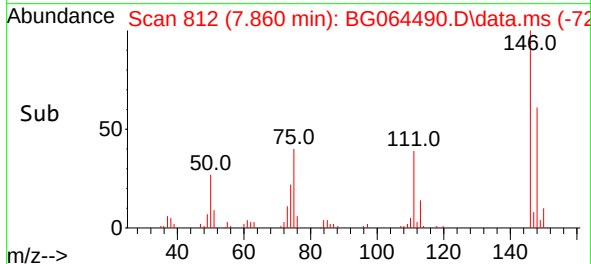
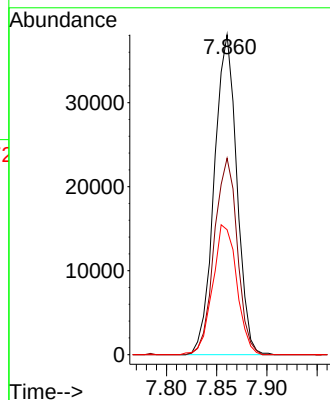
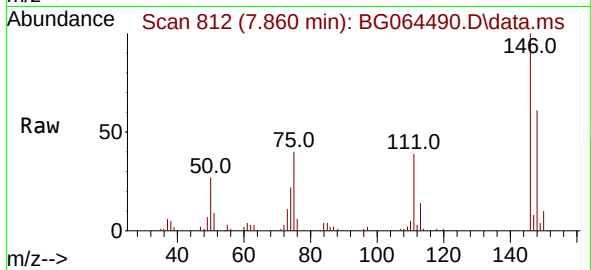
Tgt Ion:146 Resp: 59496

Ion Ratio Lower Upper

146 100

148 61.4 54.4 81.6

111 39.1 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 50.794 ng

RT: 8.172 min Scan# 865

Delta R.T. -0.001 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

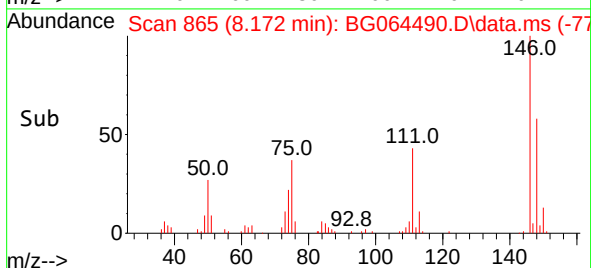
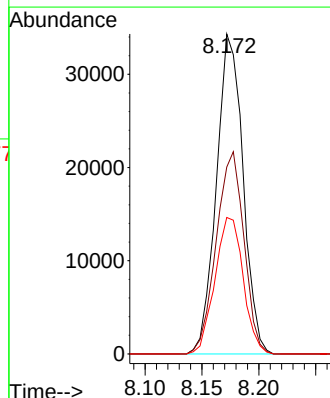
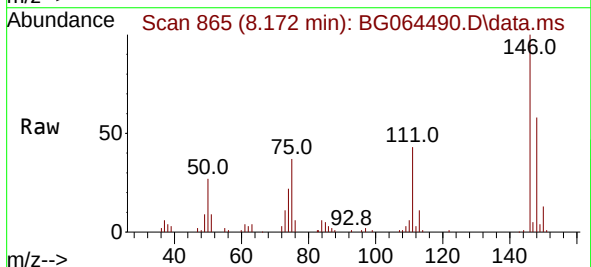
Tgt Ion:146 Resp: 55839

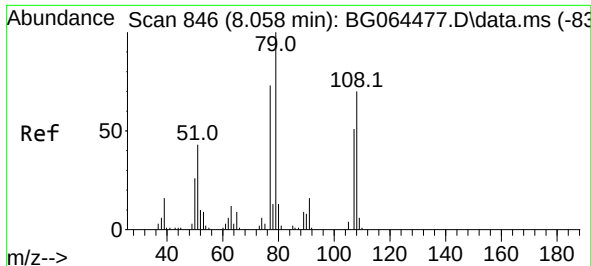
Ion Ratio Lower Upper

146 100

148 58.4 50.0 75.0

111 42.6 35.0 52.4

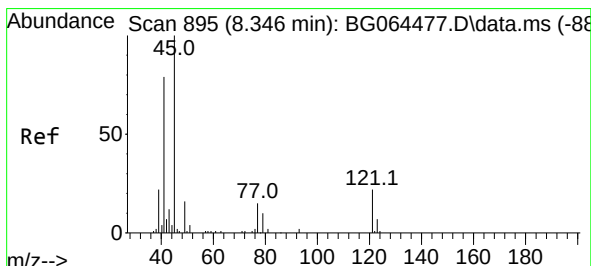
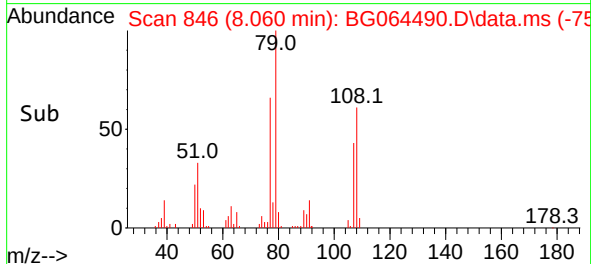
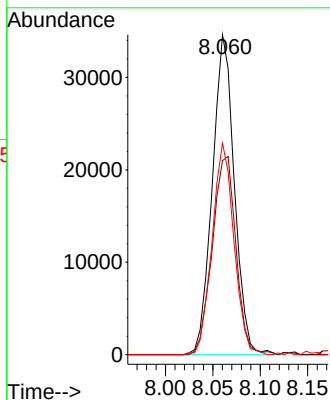
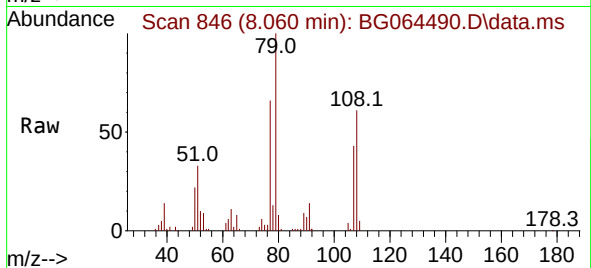




#15
Benzyl Alcohol
Concen: 54.492 ng
RT: 8.060 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

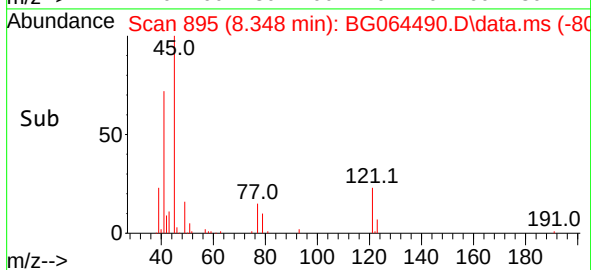
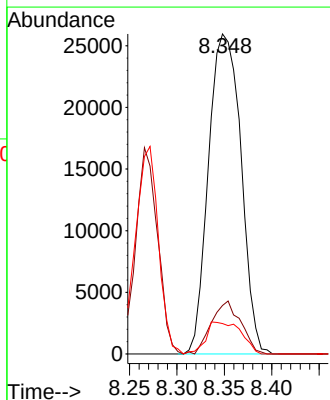
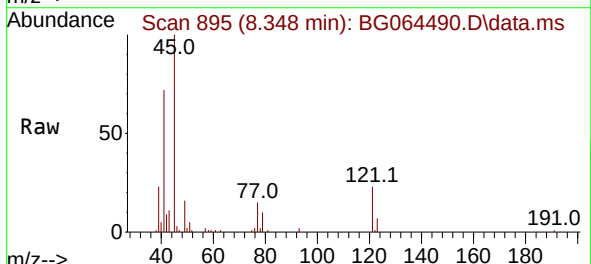
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

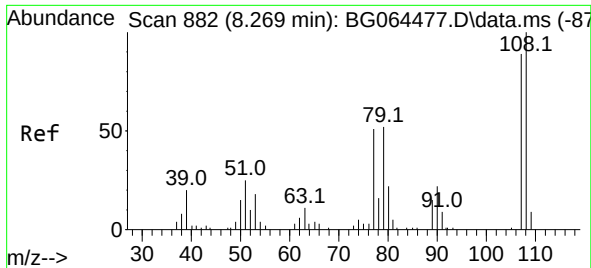
Tgt Ion: 79 Resp: 55796
Ion Ratio Lower Upper
79 100
108 60.6 56.4 84.6
77 66.1 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.266 ng
RT: 8.348 min Scan# 895
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

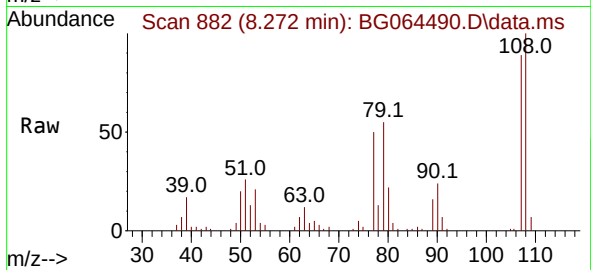
Tgt Ion: 45 Resp: 61797
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.6
79 9.5 0.0 30.7



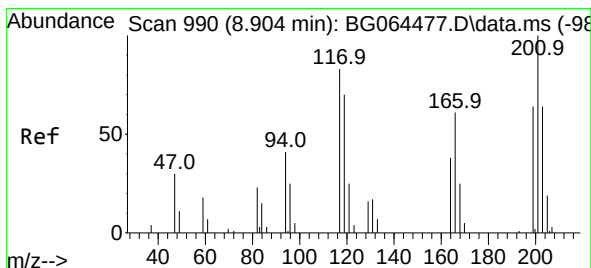
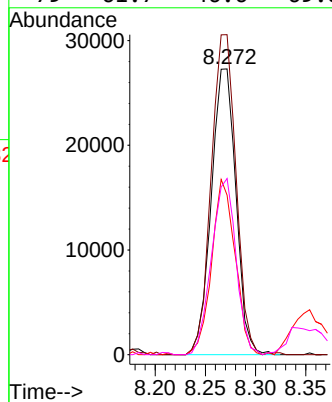
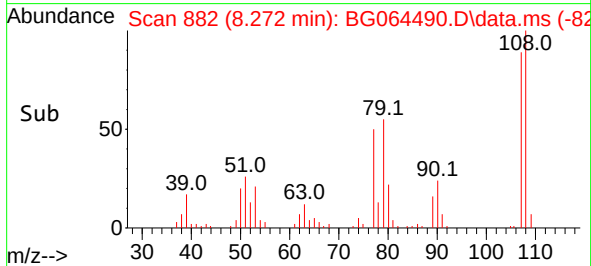


#17
2-Methylphenol
Concen: 54.952 ng
RT: 8.272 min Scan# 81
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Instrument :
BNA_G
ClientSampleId :
PB169973BSD

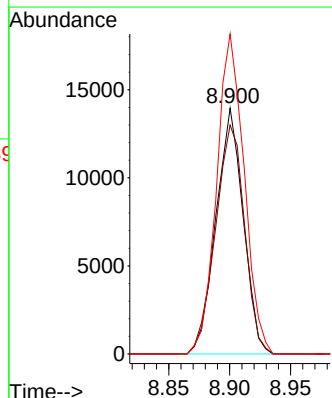
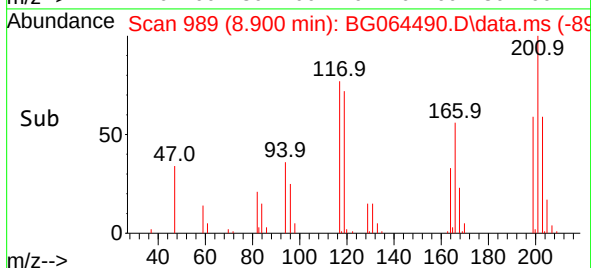
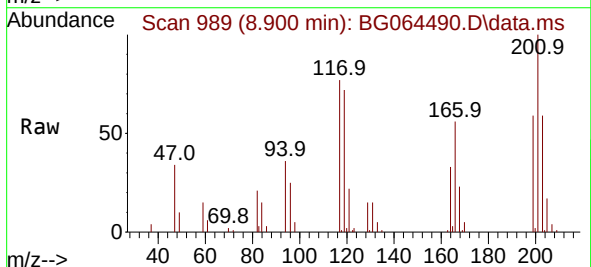


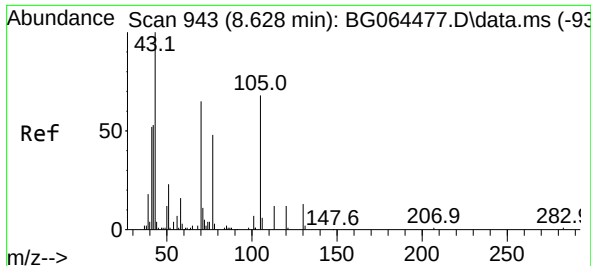
Tgt Ion:	107	Resp:	46672
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.3	135.5
77	55.8	46.0	69.0
79	61.7	46.6	69.8



#18
Hexachloroethane
Concen: 49.321 ng
RT: 8.900 min Scan# 989
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:	117	Resp:	21715
Ion	Ratio	Lower	Upper
117	100		
119	91.9	67.4	101.0
201	128.4	95.9	143.9

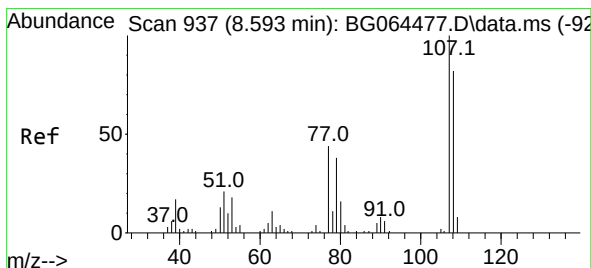
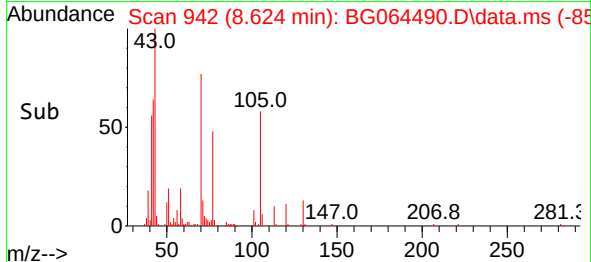
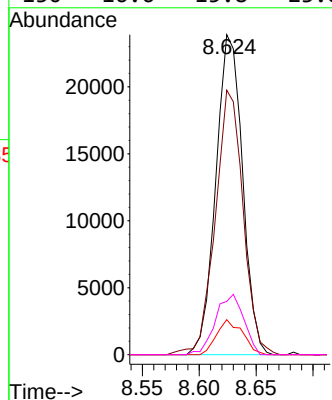
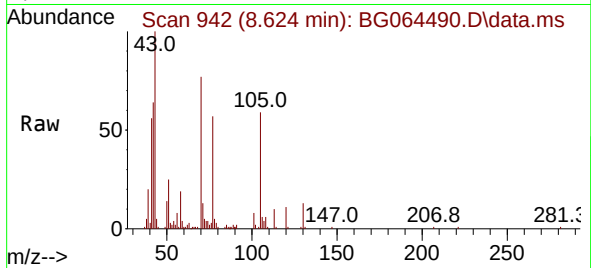




#19
n-Nitroso-di-n-propylamine
Concen: 52.398 ng
RT: 8.624 min Scan# 943
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

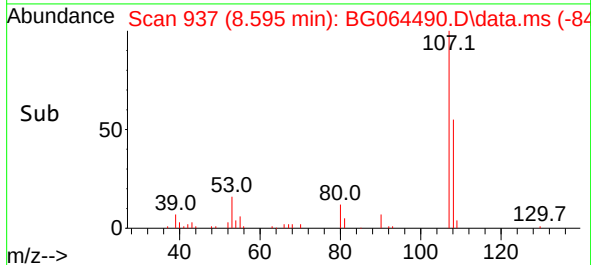
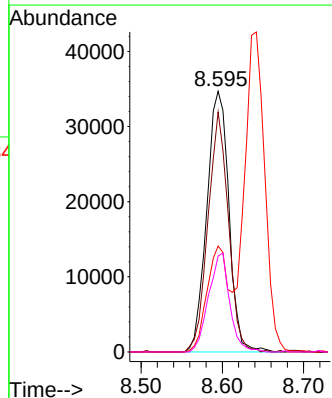
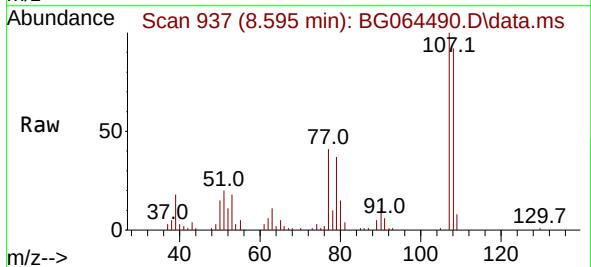
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

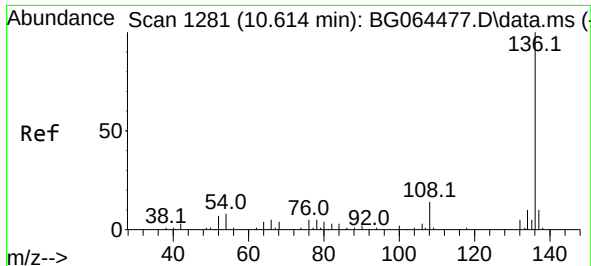
Tgt Ion: 70 Resp: 38963
Ion Ratio Lower Upper
70 100
42 82.7 64.9 97.3
101 11.0 8.7 13.1
130 16.6 15.8 23.8



#20
3+4-Methylphenols
Concen: 55.259 ng
RT: 8.595 min Scan# 937
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion: 107 Resp: 65493
Ion Ratio Lower Upper
107 100
108 92.0 62.1 102.1
77 40.6 23.5 63.5
79 36.8 17.8 57.8

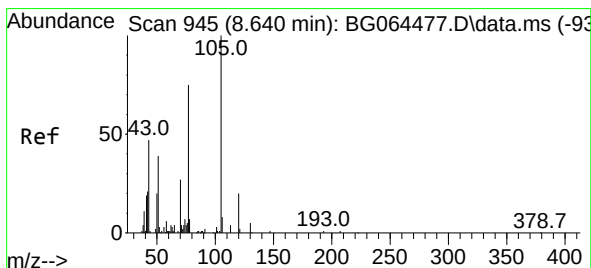
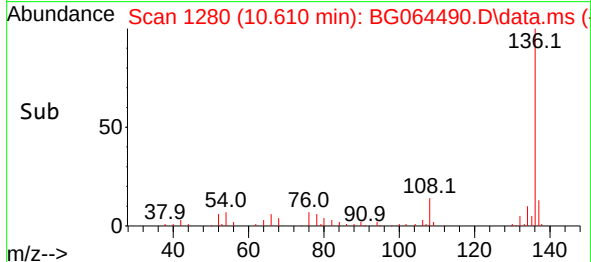
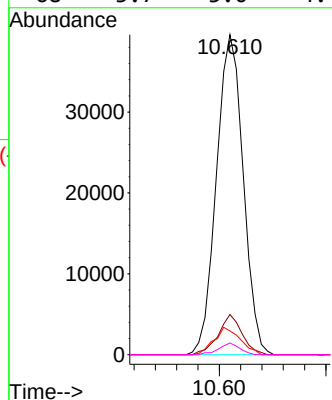
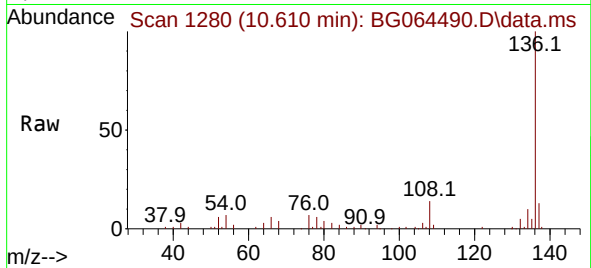




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

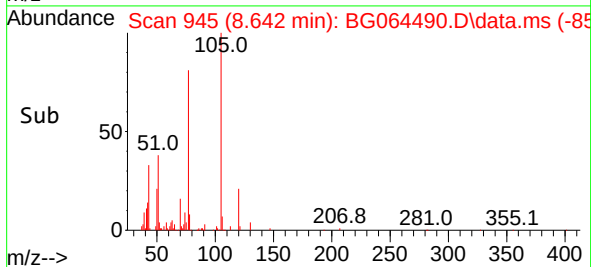
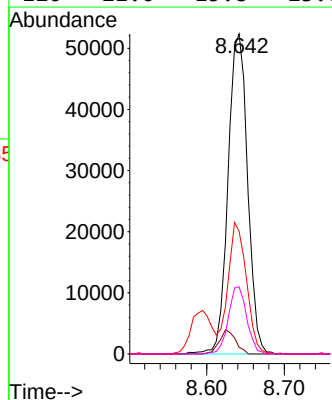
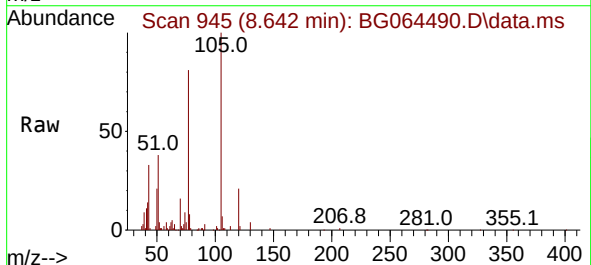
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

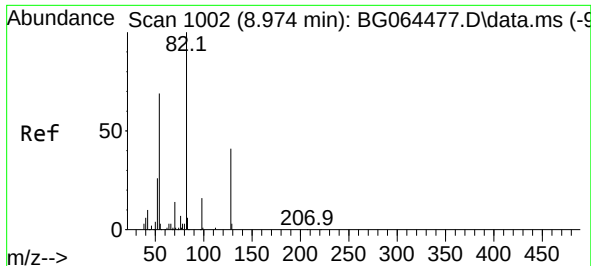
Tgt Ion:136 Resp: 68886
Ion Ratio Lower Upper
136 100
137 12.6 8.3 12.5#
54 7.4 6.2 9.4
68 3.7 3.0 4.4



#22
Acetophenone
Concen: 54.885 ng
RT: 8.642 min Scan# 945
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:105 Resp: 91544
Ion Ratio Lower Upper
105 100
71 2.1 2.8 4.2#
51 38.3 33.0 49.4
120 21.0 15.8 23.6

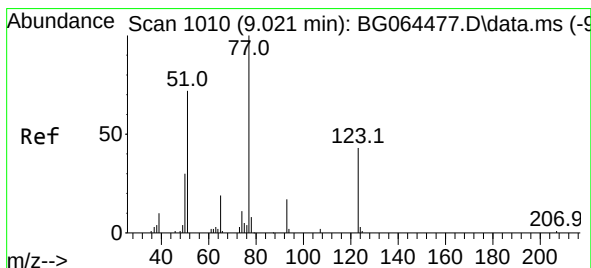
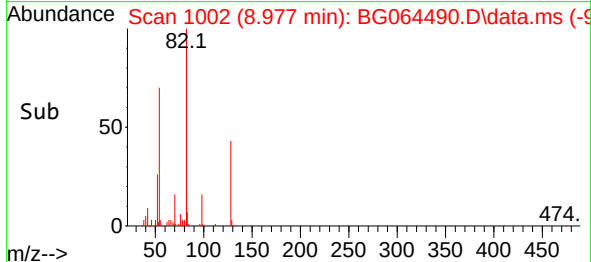
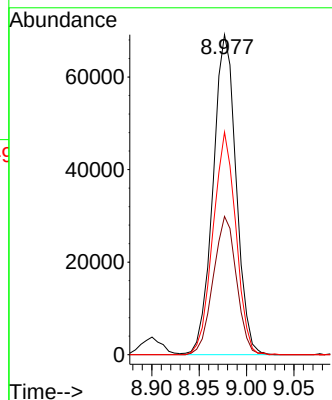
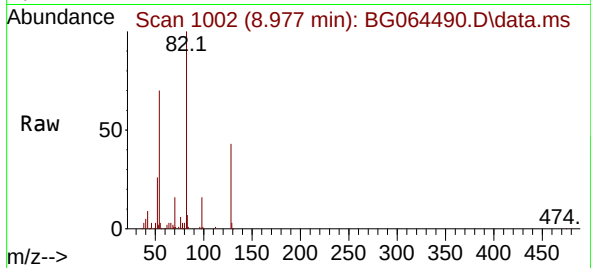




#23
Nitrobenzene-d5
Concen: 91.496 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

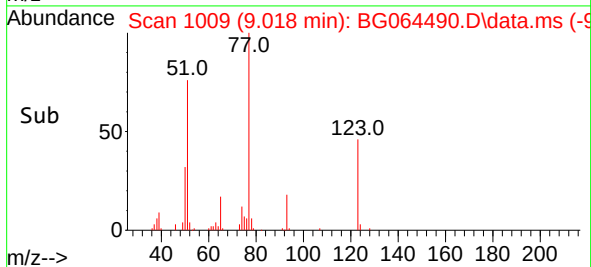
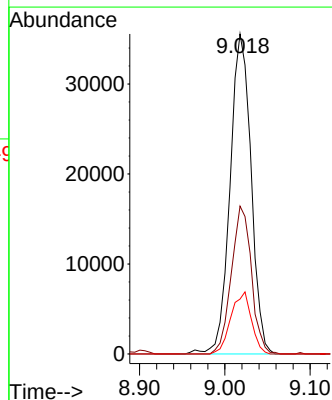
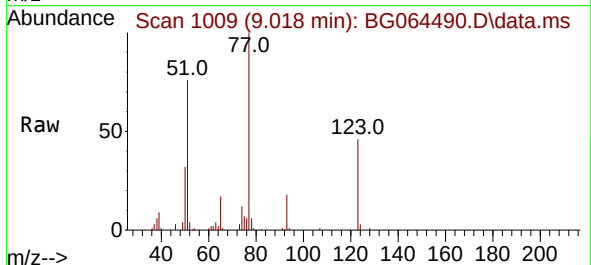
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

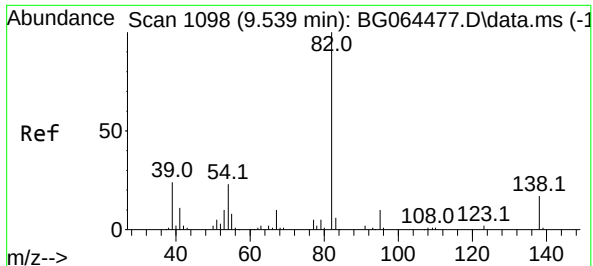
Tgt Ion: 82 Resp: 117218
Ion Ratio Lower Upper
82 100
128 43.2 33.1 49.7
54 69.6 55.4 83.2



#24
Nitrobenzene
Concen: 47.607 ng
RT: 9.018 min Scan# 1009
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion: 77 Resp: 60821
Ion Ratio Lower Upper
77 100
123 46.2 34.4 51.6
65 17.1 14.8 22.2

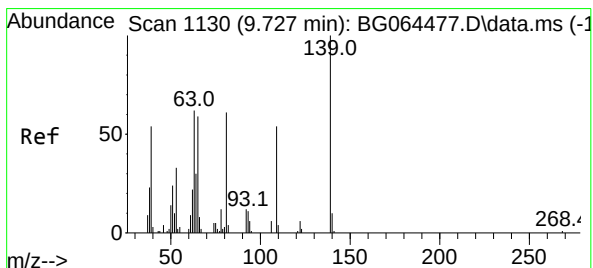
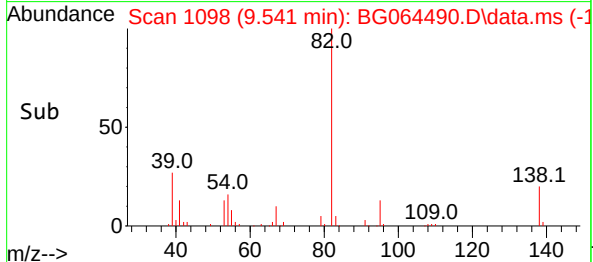
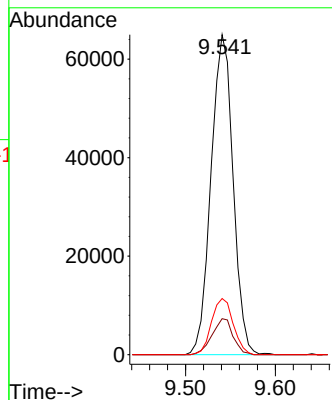
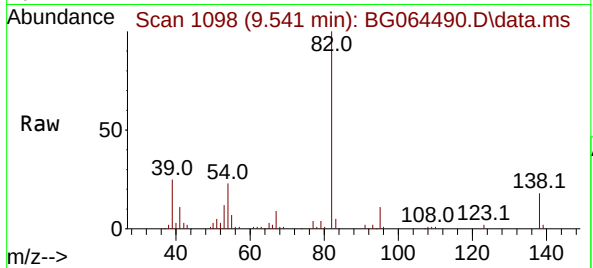




#25
Isophorone
Concen: 47.697 ng
RT: 9.541 min Scan# 110698
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

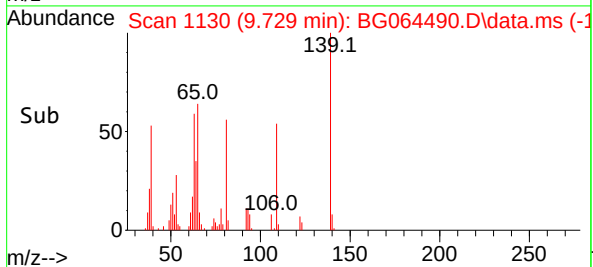
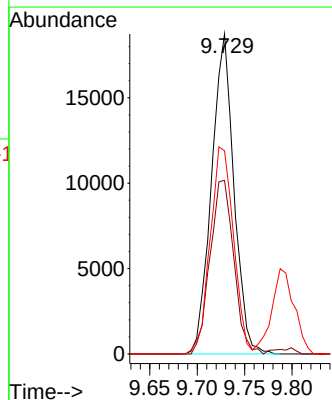
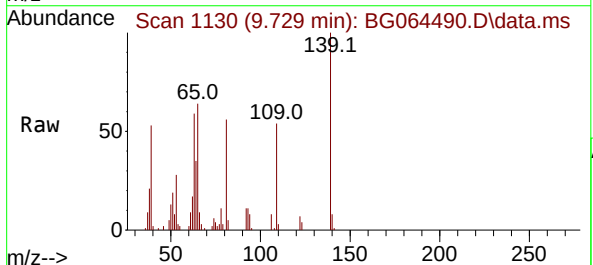
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

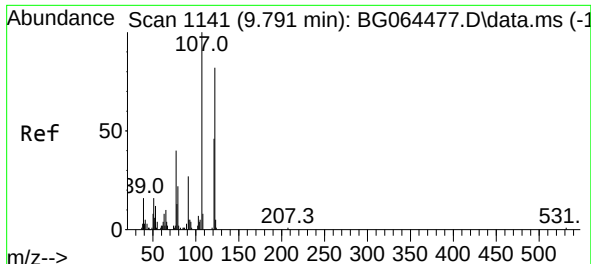
Tgt Ion: 82 Resp: 110698
Ion Ratio Lower Upper
82 100
95 11.3 7.8 11.8
138 17.5 13.8 20.6



#26
2-Nitrophenol
Concen: 48.432 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:139 Resp: 30795
Ion Ratio Lower Upper
139 100
109 54.3 43.0 64.6
65 63.5 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 56.953 ng

RT: 9.793 min Scan# 1141

Delta R.T. 0.010 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

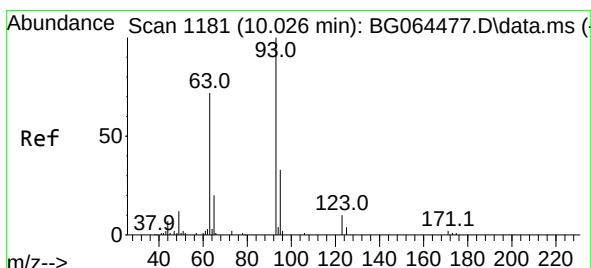
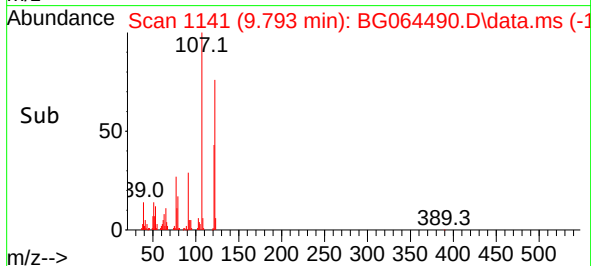
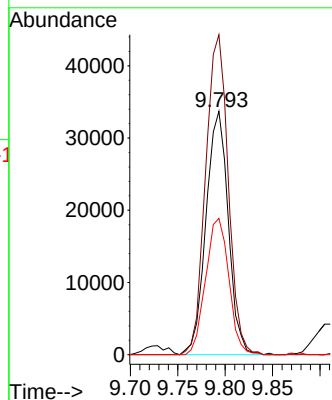
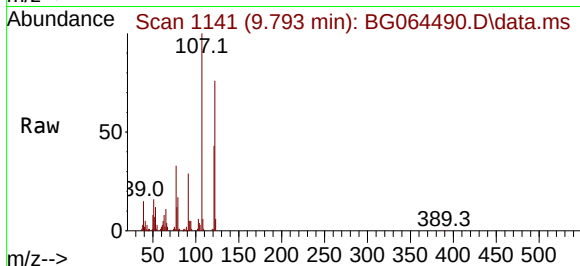
Tgt Ion:122 Resp: 55310

Ion Ratio Lower Upper

122 100

107 131.5 98.3 147.5

121 56.1 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.333 ng

RT: 10.023 min Scan# 1180

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

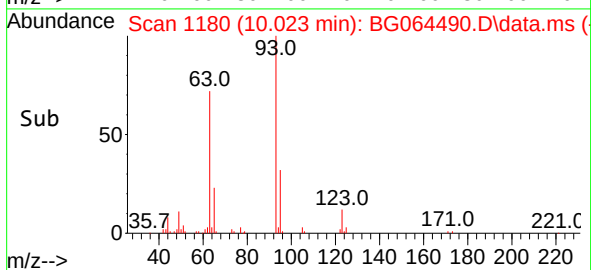
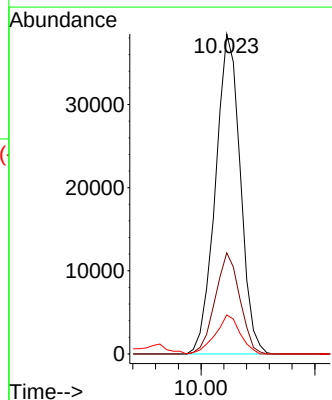
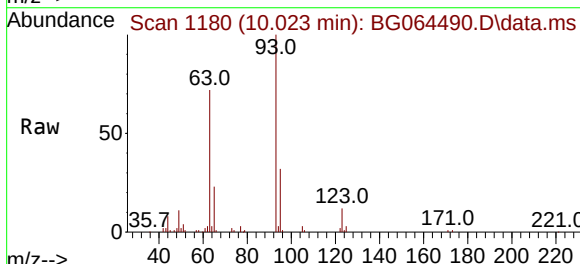
Tgt Ion: 93 Resp: 58363

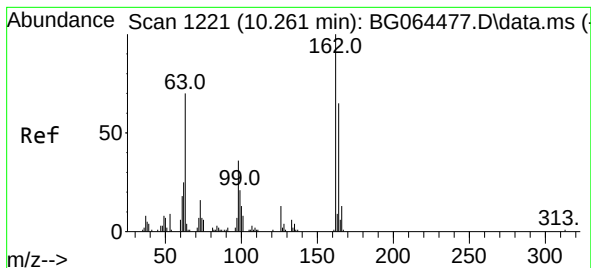
Ion Ratio Lower Upper

93 100

95 31.6 26.5 39.7

123 12.2 8.9 13.3

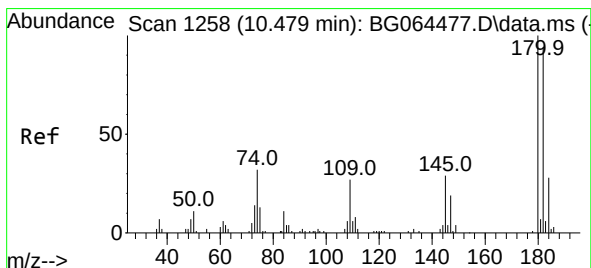
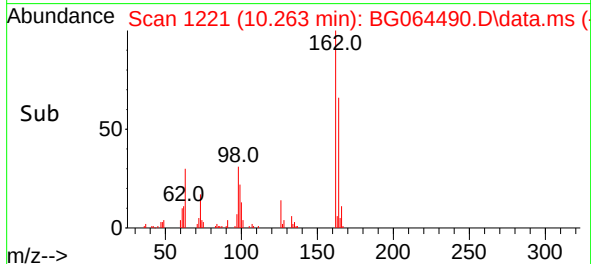
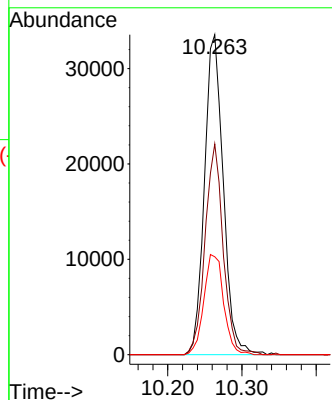
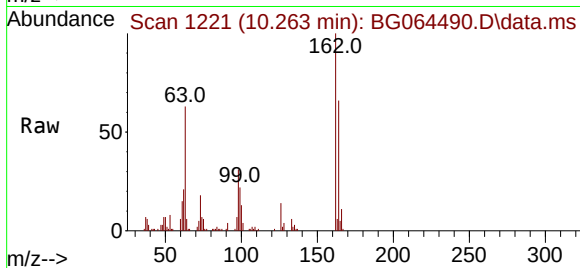




#29
2,4-Dichlorophenol
Concen: 52.643 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

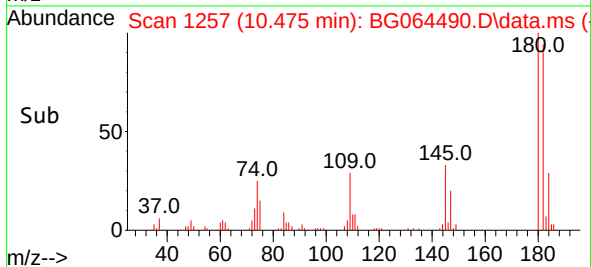
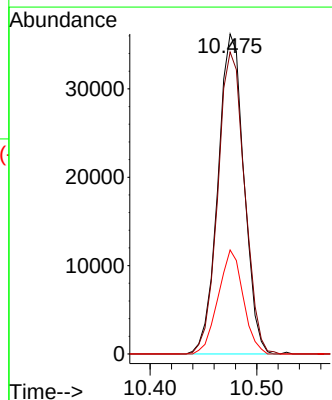
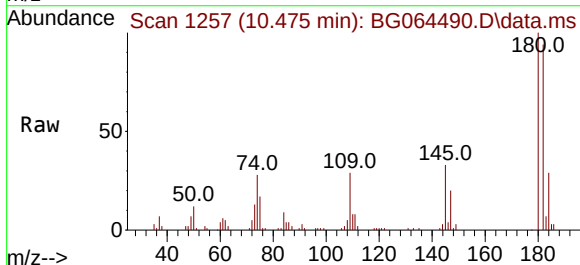
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

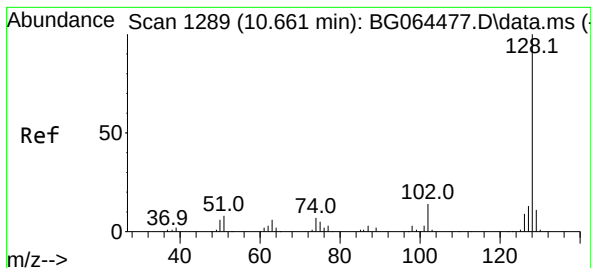
Tgt Ion:	162	Resp:	59120
Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.4	85.4
98	30.6	16.4	56.4



#30
1,2,4-Trichlorobenzene
Concen: 50.056 ng
RT: 10.475 min Scan# 1257
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

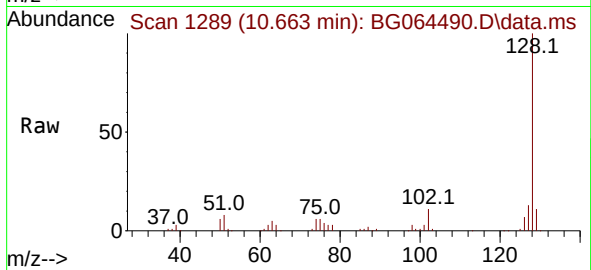
Tgt Ion:	180	Resp:	61294
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.2
145	32.5	23.2	34.8



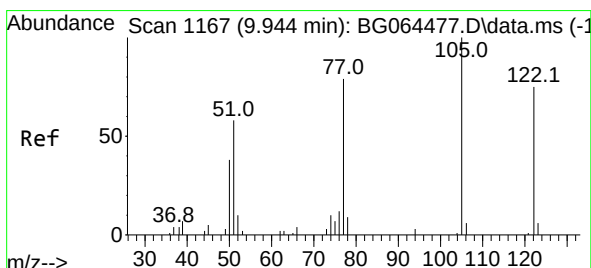
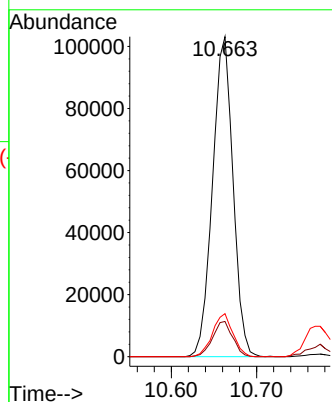
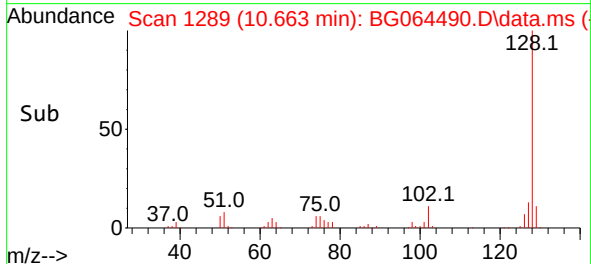


#31
Naphthalene
Concen: 48.456 ng
RT: 10.663 min Scan# 1169
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

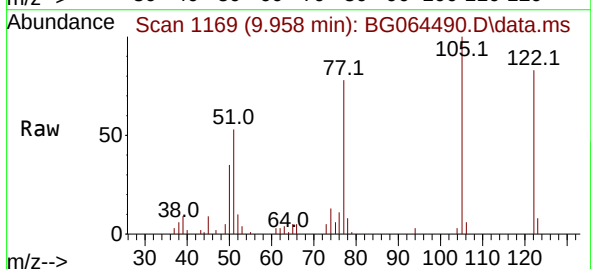
Instrument :
BNA_G
ClientSampleId :
PB169973BSD



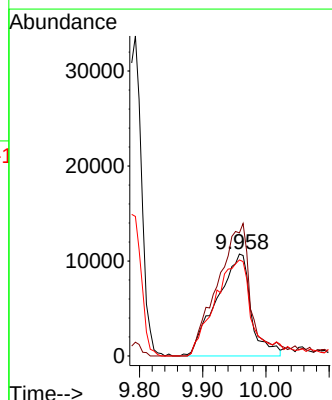
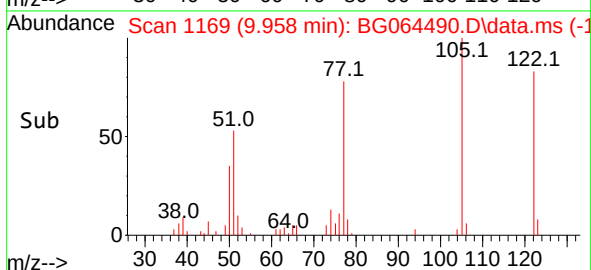
Tgt Ion:128 Resp: 171886
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.2 15.2

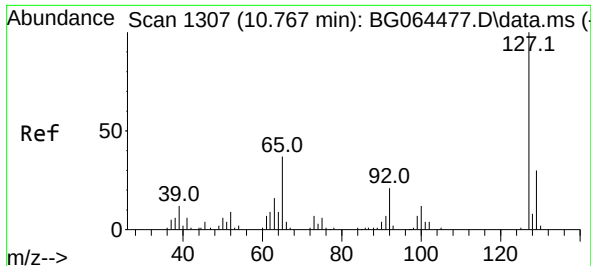


#32
Benzoic acid
Concen: 54.066 ng
RT: 9.958 min Scan# 1169
Delta R.T. 0.069 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57



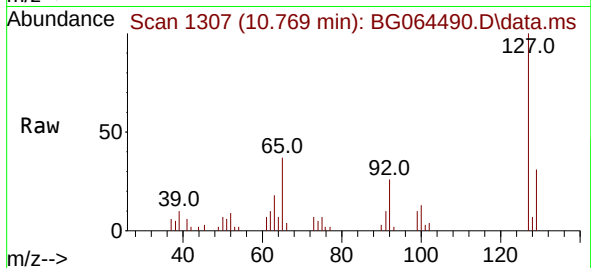
Tgt Ion:122 Resp: 40313
Ion Ratio Lower Upper
122 100
105 120.7 113.9 153.9
77 94.2 86.1 126.1



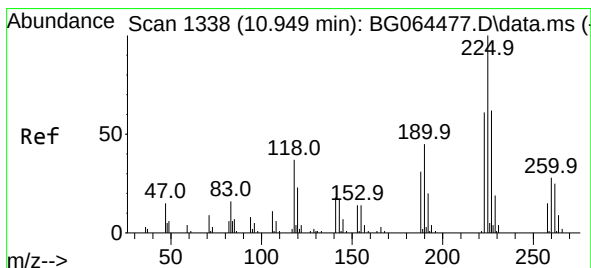
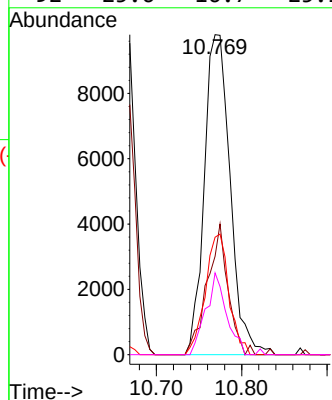


#33
4-Chloroaniline
Concen: 15.203 ng
RT: 10.769 min Scan# 1307
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Instrument :
BNA_G
ClientSampleId :
PB169973BSD

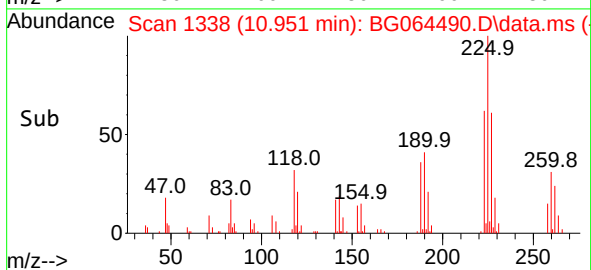
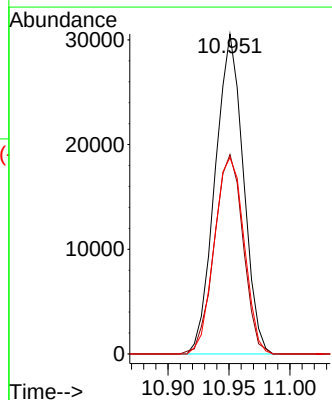
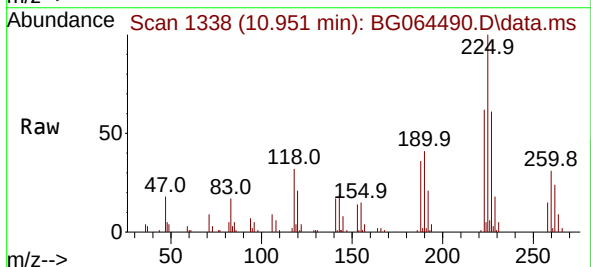


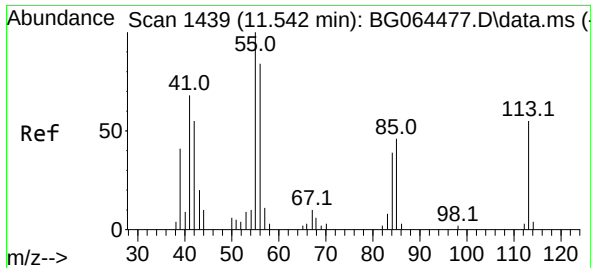
Tgt Ion:	127	Resp:	20695
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.2	36.4
65	36.7	29.6	44.4
92	25.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 46.959 ng
RT: 10.951 min Scan# 1338
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:	225	Resp:	49245
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.0	73.6
227	61.4	49.9	74.9

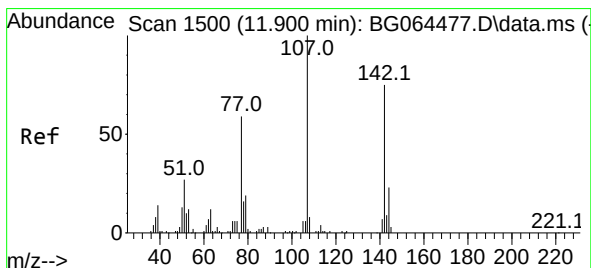
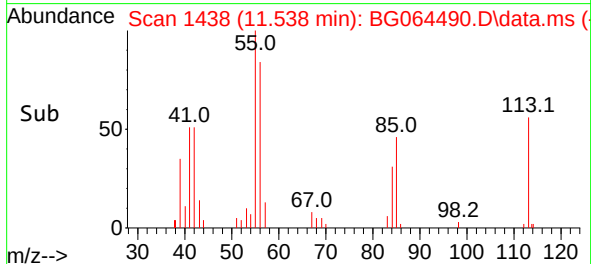
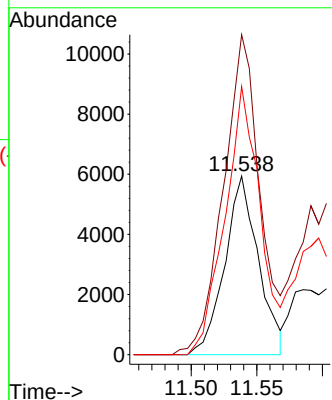
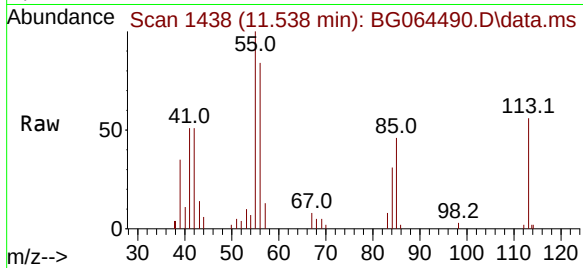




#35
 Caprolactam
 Concen: 27.537 ng
 RT: 11.538 min Scan# 1438
 Delta R.T. 0.028 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

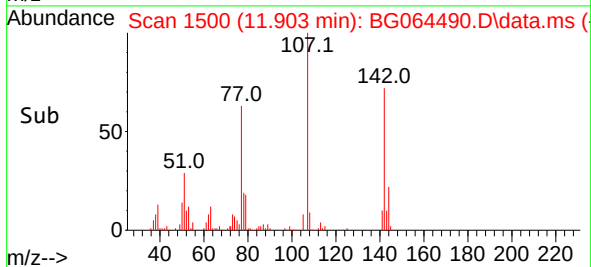
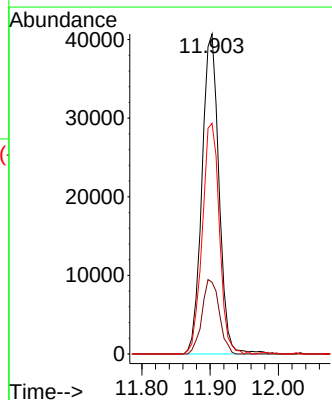
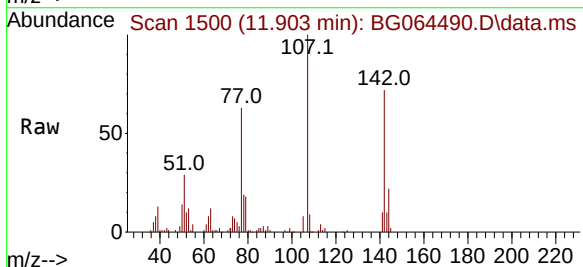
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

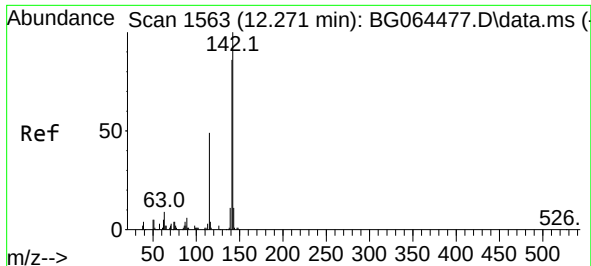
Tgt Ion:113 Resp: 10587
 Ion Ratio Lower Upper
 113 100
 55 179.1 162.0 202.0
 56 150.1 134.6 174.6



#36
 4-Chloro-3-methylphenol
 Concen: 51.566 ng
 RT: 11.903 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

Tgt Ion:107 Resp: 70424
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.7 28.1
 142 72.0 60.2 90.2

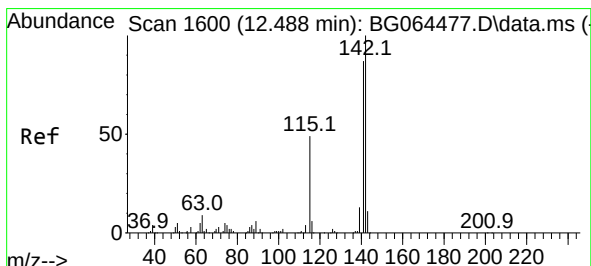
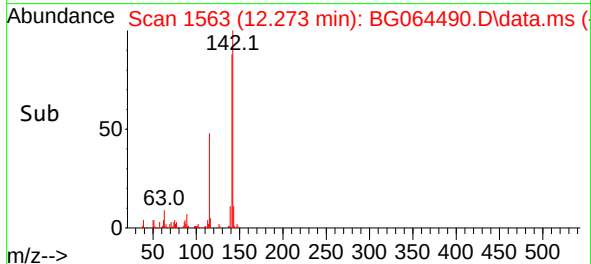
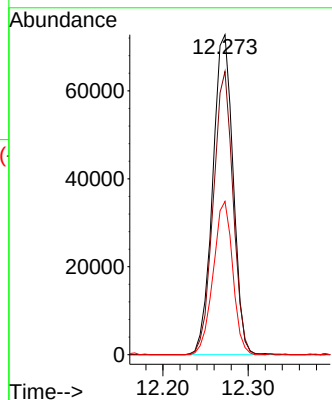
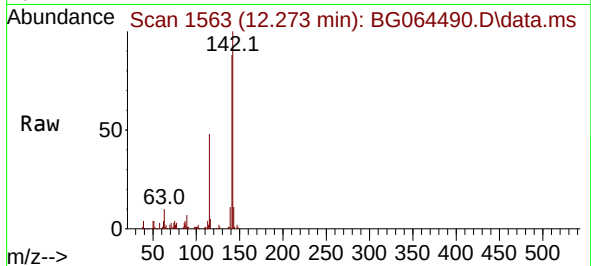




#37
2-Methylnaphthalene
Concen: 44.505 ng
RT: 12.273 min Scan# 1563
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

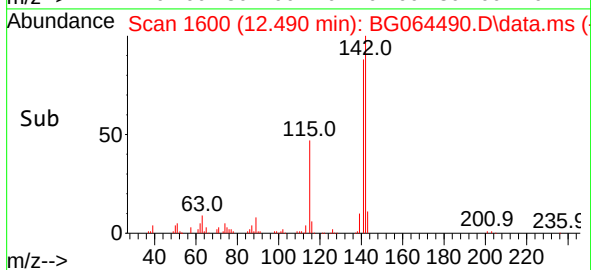
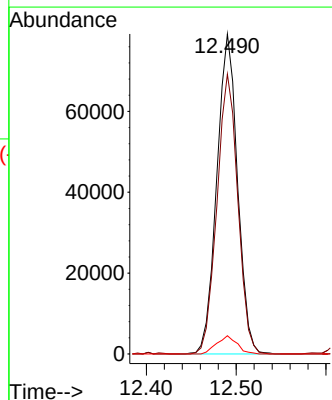
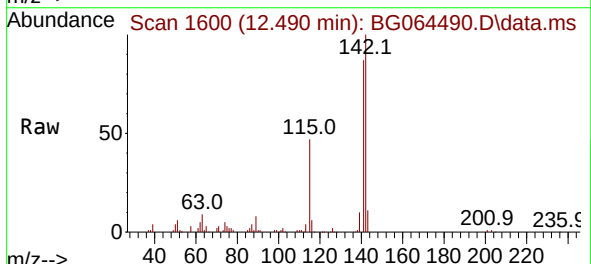
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

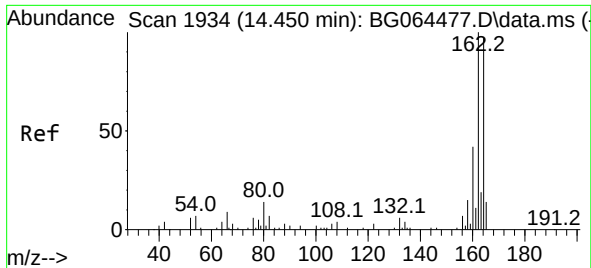
Tgt Ion:142 Resp: 121185
Ion Ratio Lower Upper
142 100
141 88.5 68.7 103.1
115 47.9 39.3 58.9



#38
1-Methylnaphthalene
Concen: 46.659 ng
RT: 12.490 min Scan# 1600
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:142 Resp: 126687
Ion Ratio Lower Upper
142 100
141 87.5 69.8 104.8
116 5.7 4.6 6.8

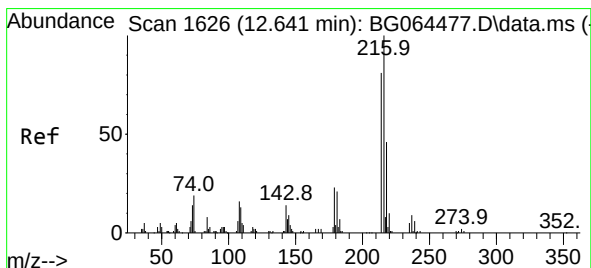
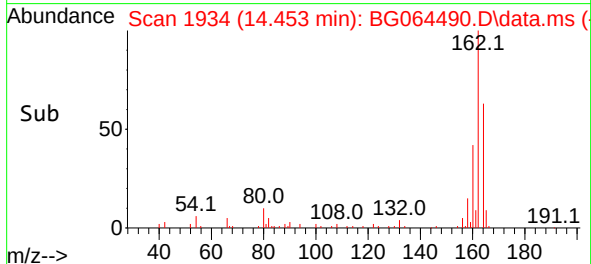
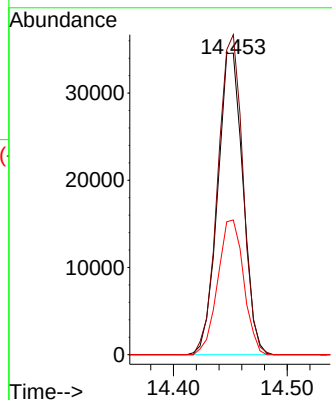
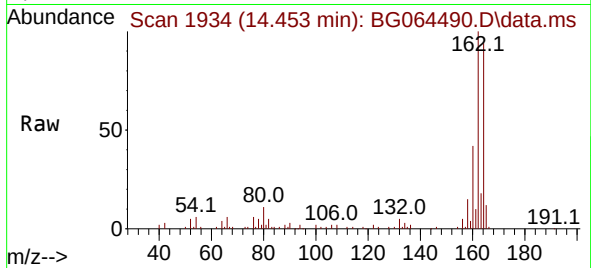




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.453 min Scan# 1934
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

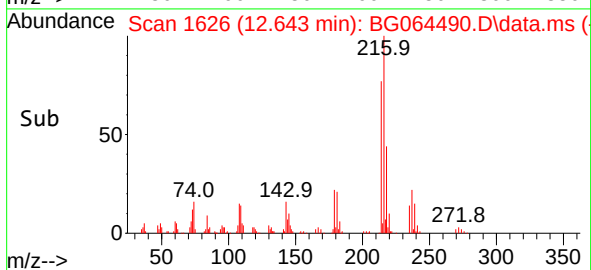
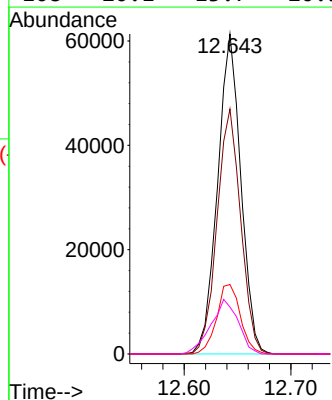
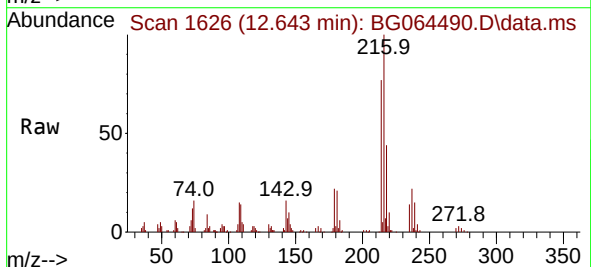
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

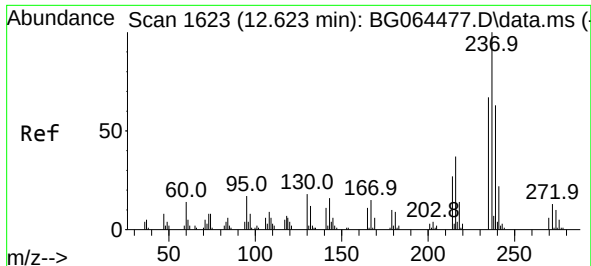
Tgt Ion:164 Resp: 53563
Ion Ratio Lower Upper
164 100
162 106.1 82.2 123.2
160 44.6 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.737 ng
RT: 12.643 min Scan# 1626
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

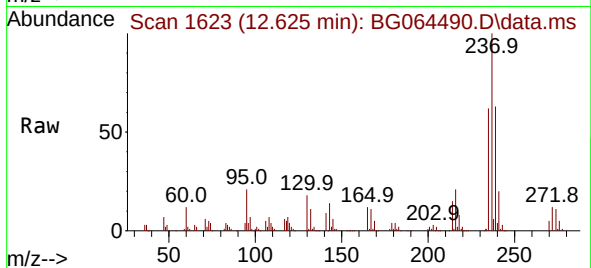
Tgt Ion:216 Resp: 92935
Ion Ratio Lower Upper
216 100
214 77.7 62.5 93.7
179 22.2 17.0 25.6
108 20.1 13.7 20.5



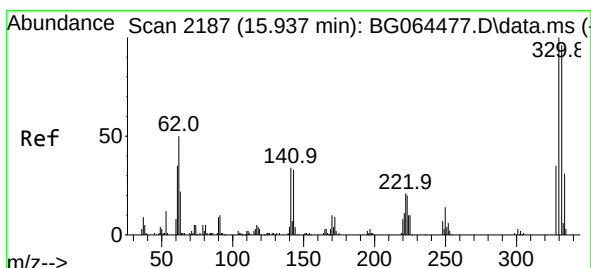
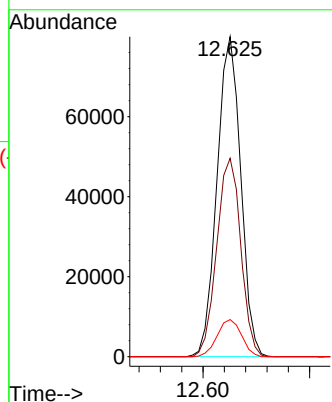
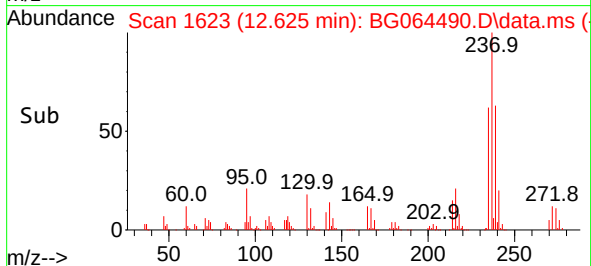


#41
Hexachlorocyclopentadiene
Concen: 136.260 ng
RT: 12.625 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

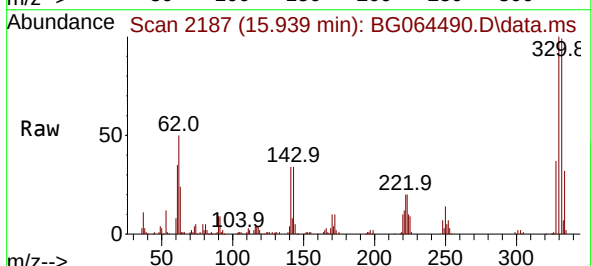
Instrument :
BNA_G
ClientSampleId :
PB169973BSD



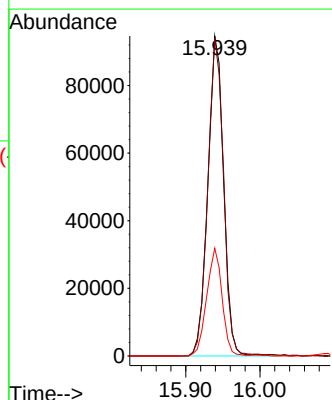
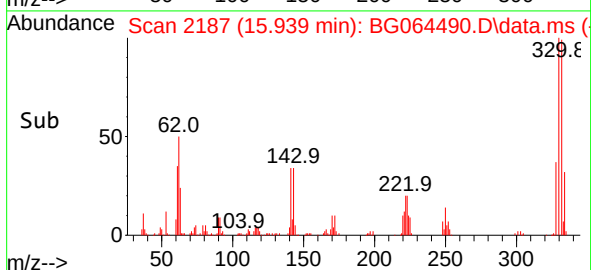
Tgt Ion:237 Resp: 123269
Ion Ratio Lower Upper
237 100
235 62.0 46.9 86.9
272 11.6 0.0 32.6

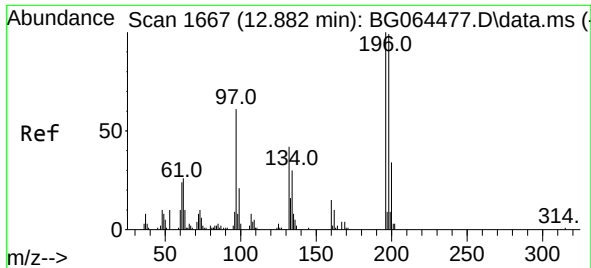


#42
2,4,6-Tribromophenol
Concen: 144.412 ng
RT: 15.939 min Scan# 2187
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57



Tgt Ion:330 Resp: 140210
Ion Ratio Lower Upper
330 100
332 99.1 77.4 116.0
141 32.8 25.8 38.6

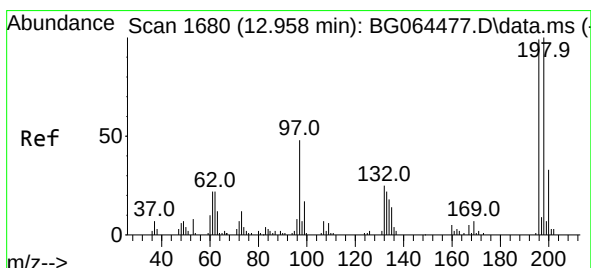
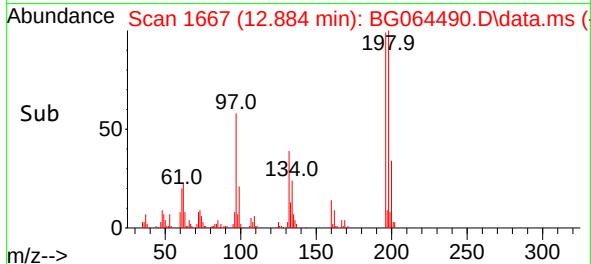
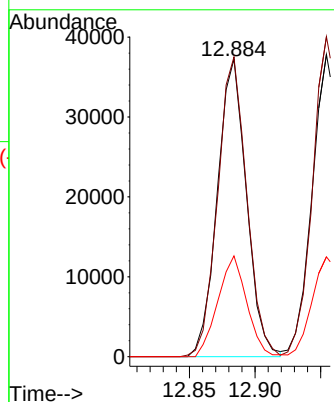
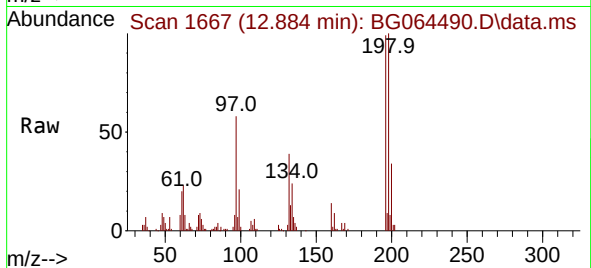




#43
2,4,6-Trichlorophenol
Concen: 51.908 ng
RT: 12.884 min Scan# 1667
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

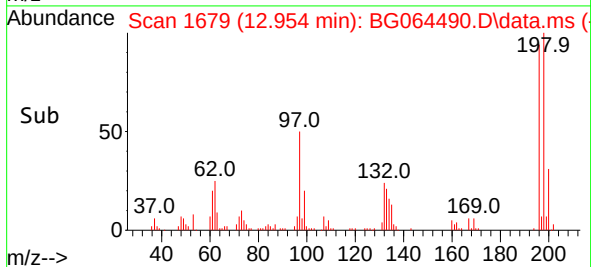
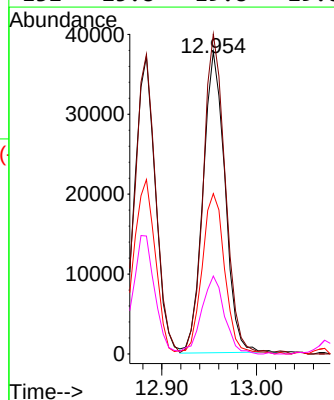
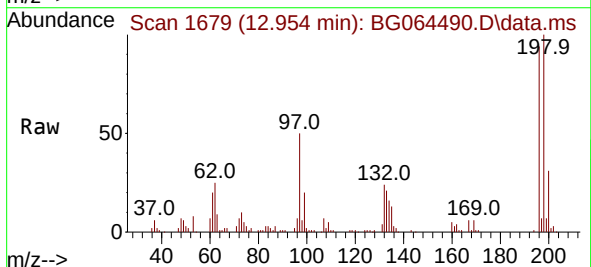
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

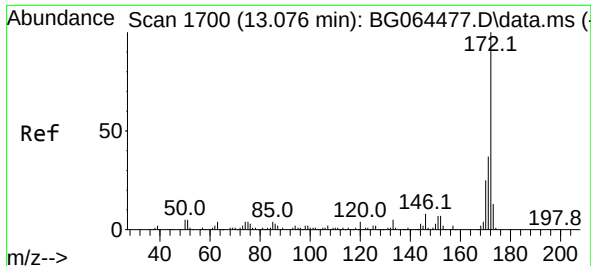
Tgt Ion:196 Resp: 57388
Ion Ratio Lower Upper
196 100
198 100.7 79.3 118.9
200 33.8 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 49.008 ng
RT: 12.954 min Scan# 1679
Delta R.T. -0.001 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:196 Resp: 60489
Ion Ratio Lower Upper
196 100
198 105.9 80.3 120.5
97 53.0 39.4 59.0
132 25.8 19.8 29.8

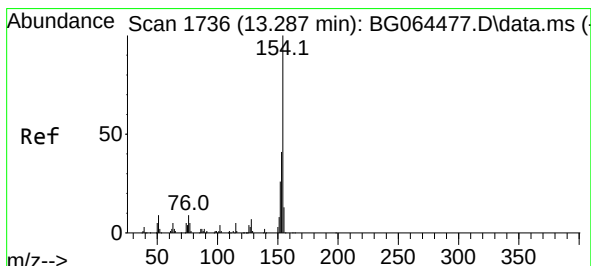
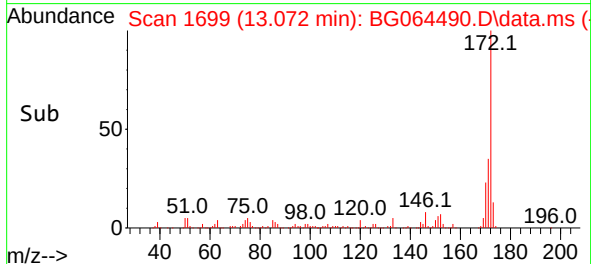
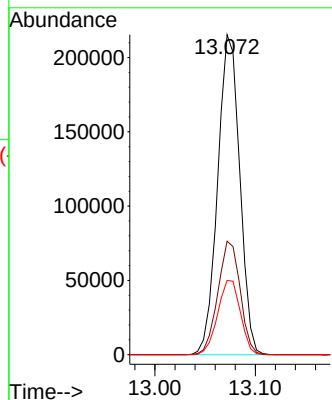
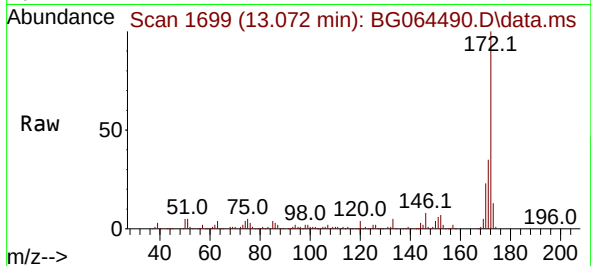




#45
2-Fluorobiphenyl
Concen: 90.288 ng
RT: 13.072 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

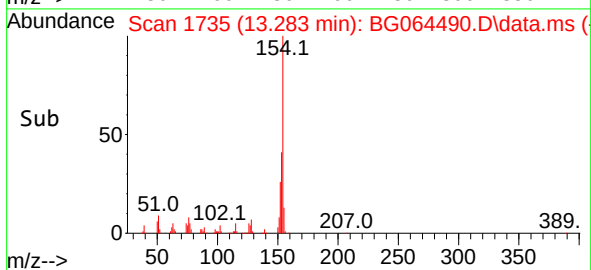
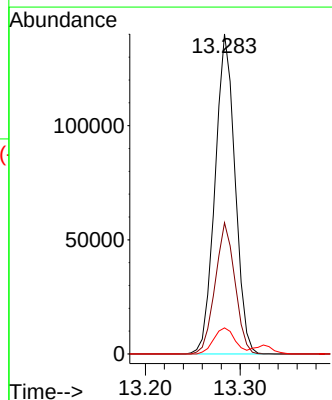
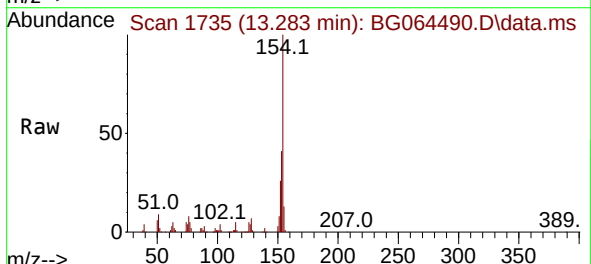
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

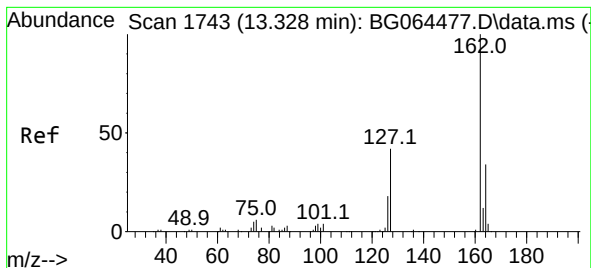
Tgt Ion:172 Resp: 328094
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 53.183 ng
RT: 13.283 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:154 Resp: 204884
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 8.1 0.0 29.3





#47

2-Chloronaphthalene

Concen: 47.440 ng

RT: 13.325 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

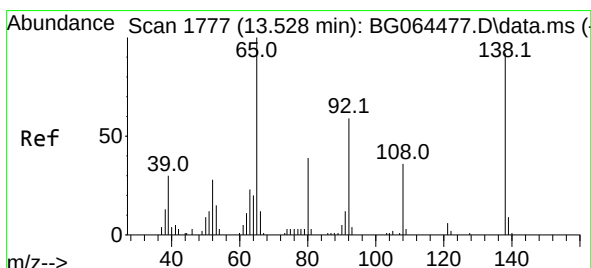
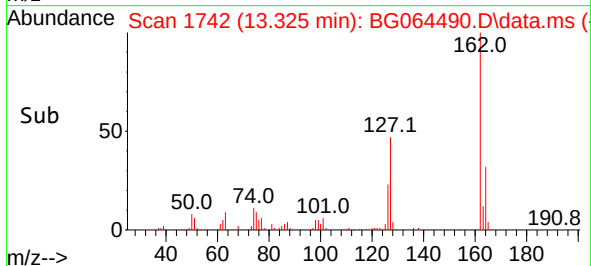
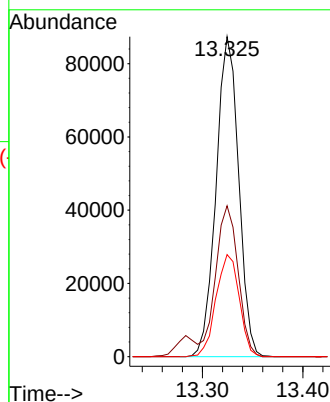
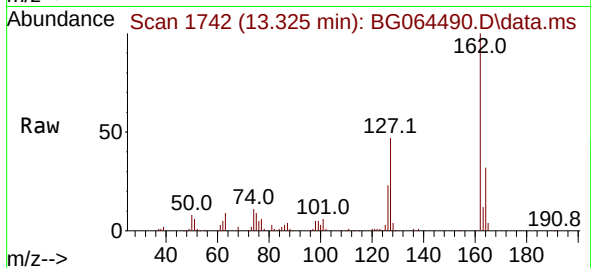
Tgt Ion:162 Resp: 136452

Ion Ratio Lower Upper

162 100

127 47.1 35.8 53.8

164 31.9 27.2 40.8



#48

2-Nitroaniline

Concen: 50.563 ng

RT: 13.530 min Scan# 1777

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

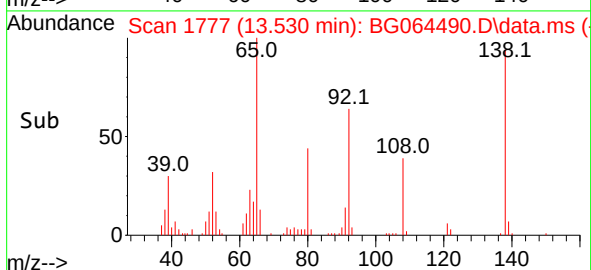
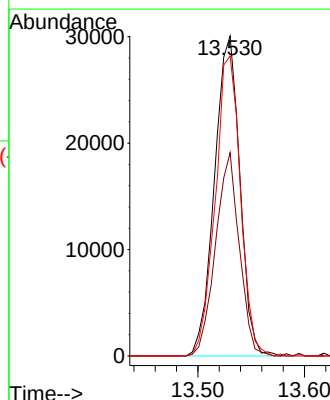
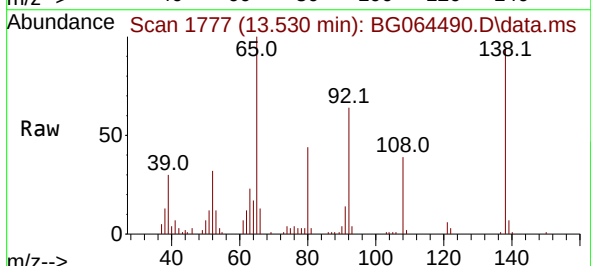
Tgt Ion: 65 Resp: 49637

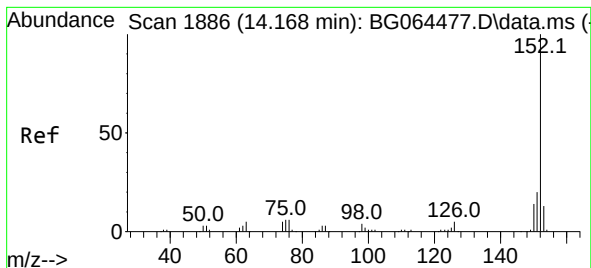
Ion Ratio Lower Upper

65 100

92 63.5 47.0 70.6

138 93.8 73.5 110.3





#49

Acenaphthylene

Concen: 55.463 ng

RT: 14.171 min Scan# 1886

Delta R.T. -0.001 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

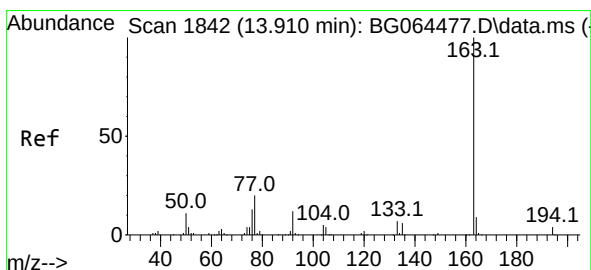
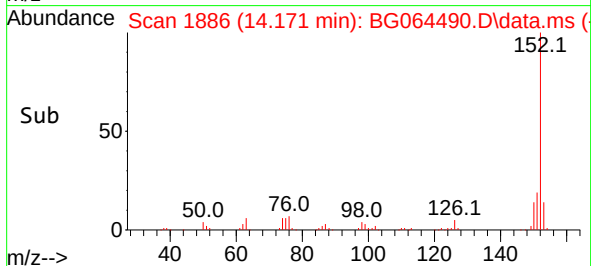
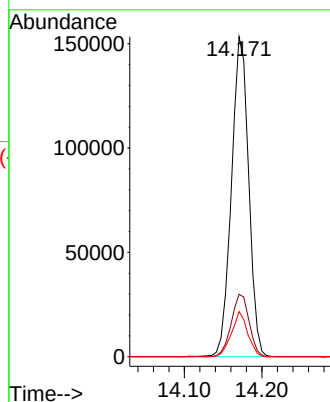
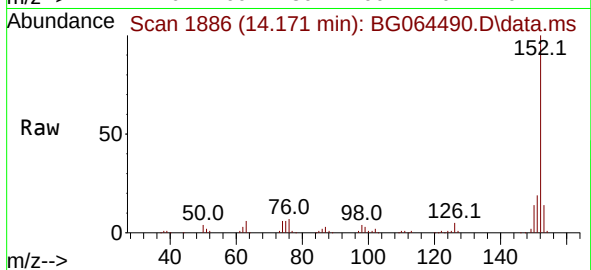
Tgt Ion:152 Resp: 236815

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 14.1 10.6 15.8



#50

Dimethylphthalate

Concen: 48.581 ng

RT: 13.912 min Scan# 1842

Delta R.T. 0.010 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

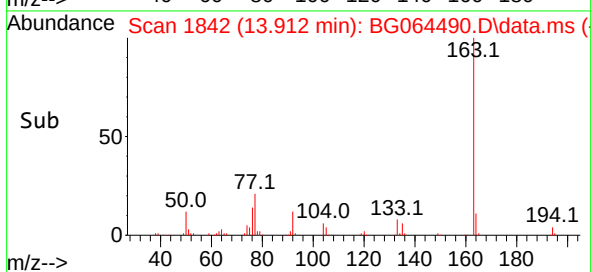
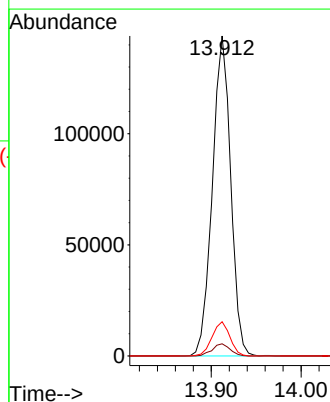
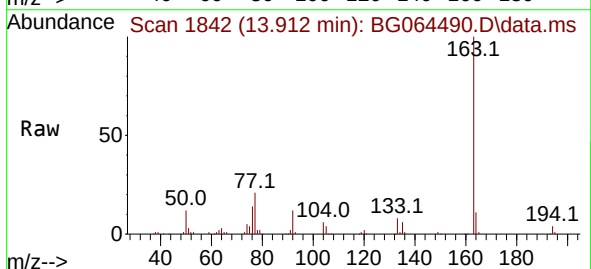
Tgt Ion:163 Resp: 203802

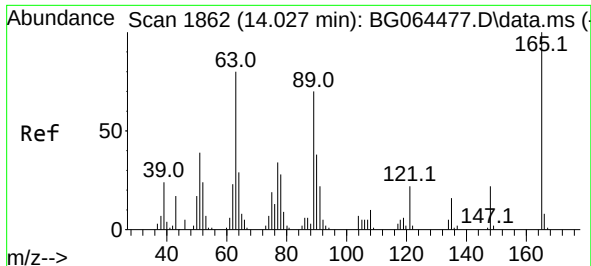
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.7 7.4 11.0

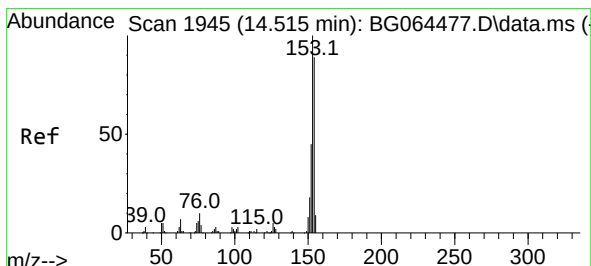
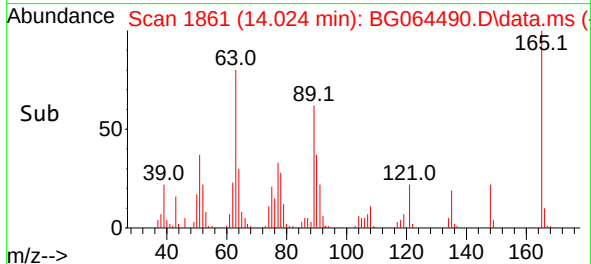
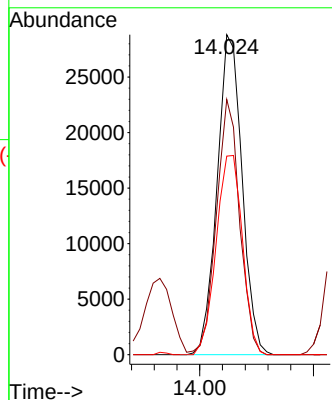
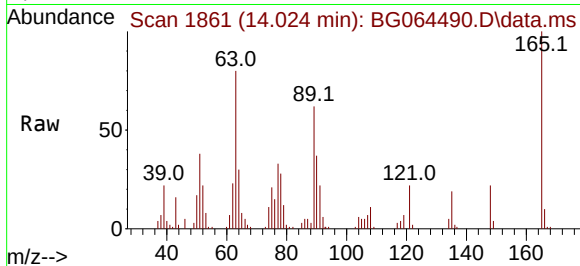




#51
2,6-Dinitrotoluene
Concen: 50.241 ng
RT: 14.024 min Scan# 1861
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

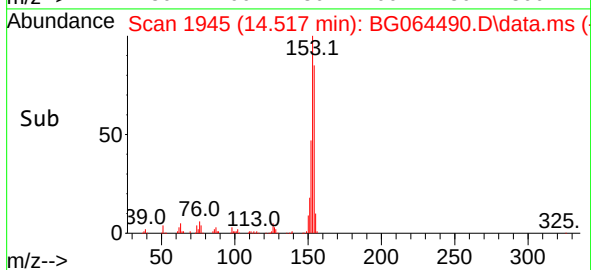
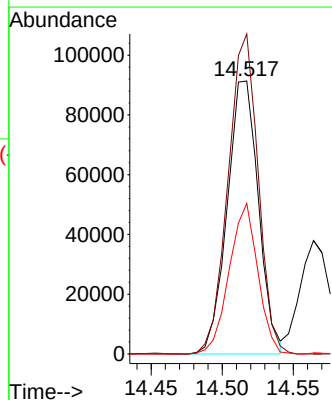
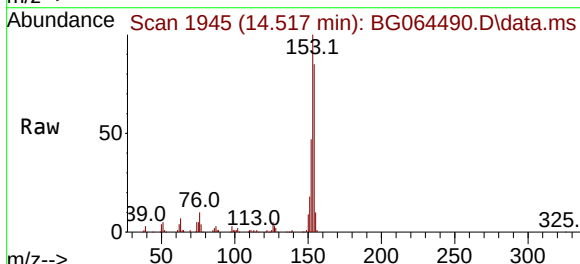
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

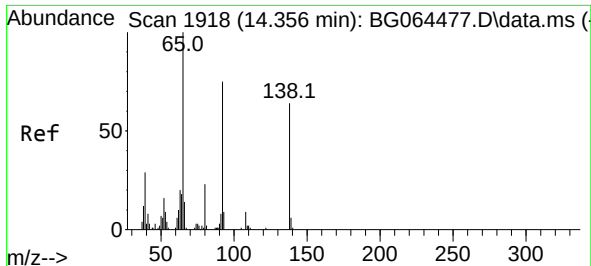
Tgt Ion:165 Resp: 43905
Ion Ratio Lower Upper
165 100
63 79.8 63.9 95.9
89 62.0 56.1 84.1



#52
Acenaphthene
Concen: 47.264 ng
RT: 14.517 min Scan# 1945
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:154 Resp: 140204
Ion Ratio Lower Upper
154 100
153 117.2 90.2 135.4
152 55.1 40.2 60.4

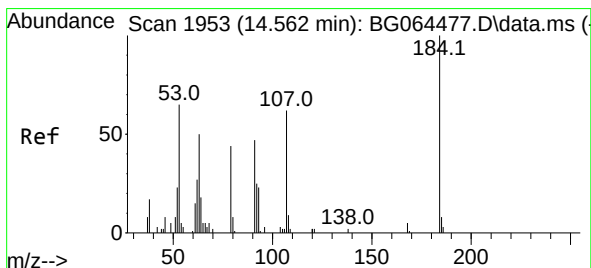
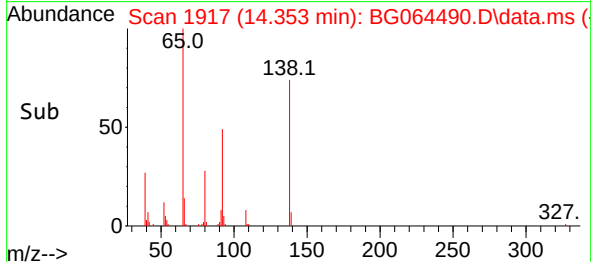
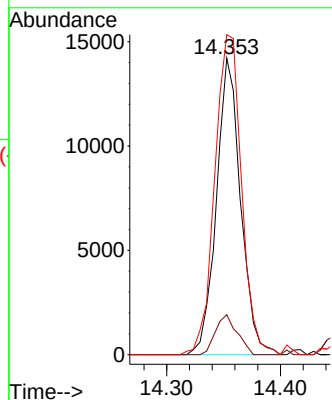
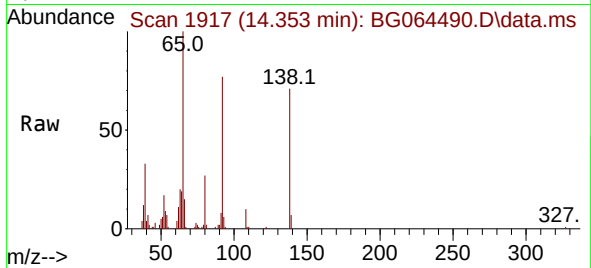




#53
3-Nitroaniline
Concen: 26.116 ng
RT: 14.353 min Scan# 1917
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

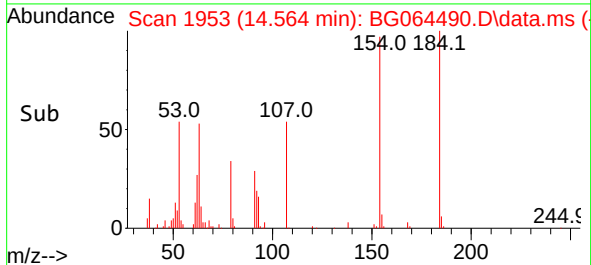
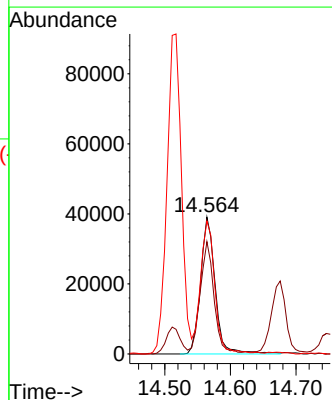
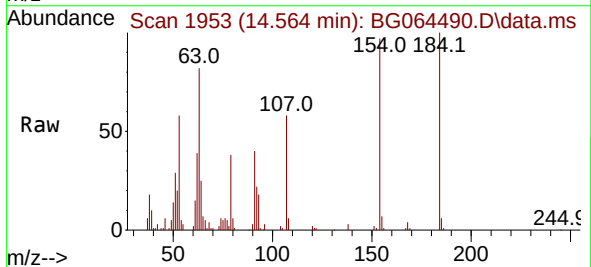
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

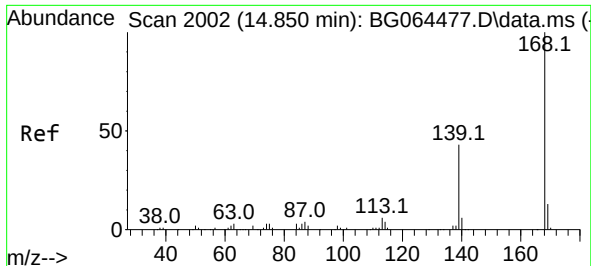
Tgt Ion:138 Resp: 21048
Ion Ratio Lower Upper
138 100
108 13.5 10.6 15.8
92 107.9 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 96.115 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.001 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

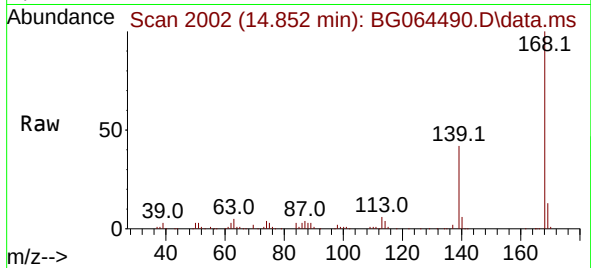
Tgt Ion:184 Resp: 60905
Ion Ratio Lower Upper
184 100
63 82.2 69.0 103.4
154 97.2 95.6 143.4



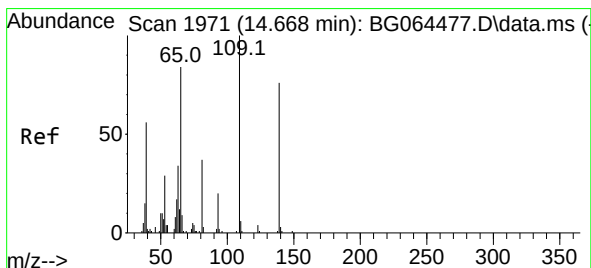
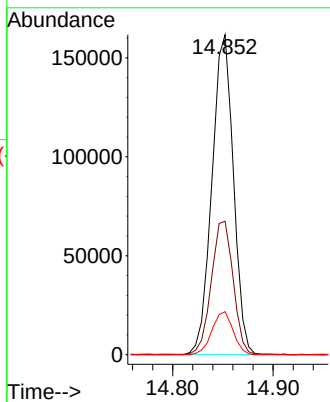
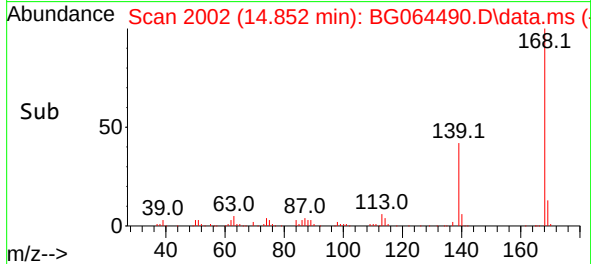


#55
Dibenzofuran
Concen: 48.950 ng
RT: 14.852 min Scan# 2002
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Instrument :
BNA_G
ClientSampleId :
PB169973BSD

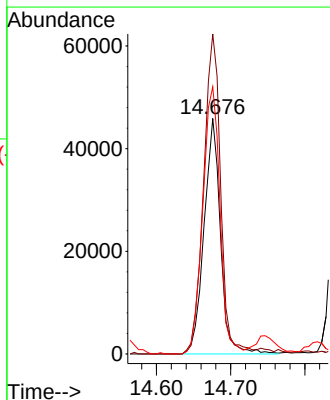
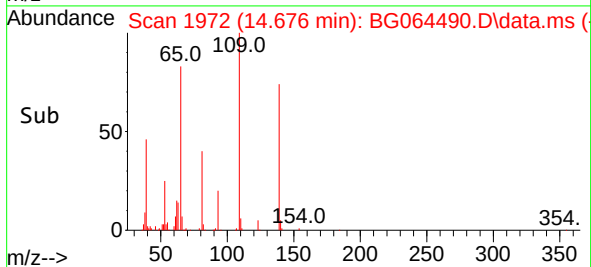
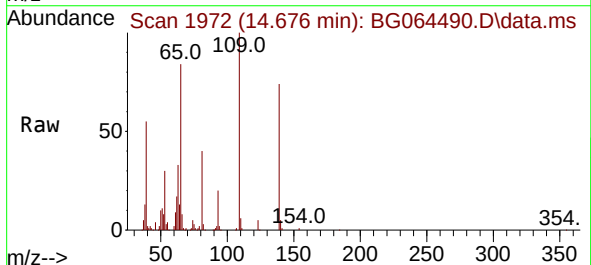


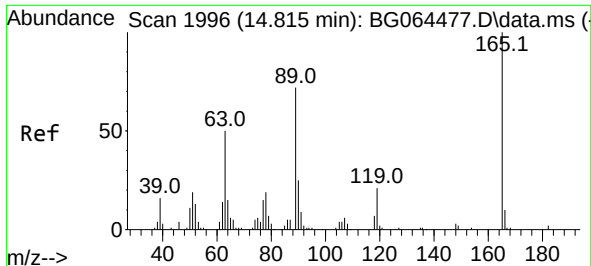
Tgt Ion:168 Resp: 239756
Ion Ratio Lower Upper
168 100
139 41.7 34.0 51.0
169 13.4 10.2 15.2



#56
4-Nitrophenol
Concen: 111.171 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:139 Resp: 70541
Ion Ratio Lower Upper
139 100
109 135.9 111.8 151.8
65 113.5 91.1 131.1

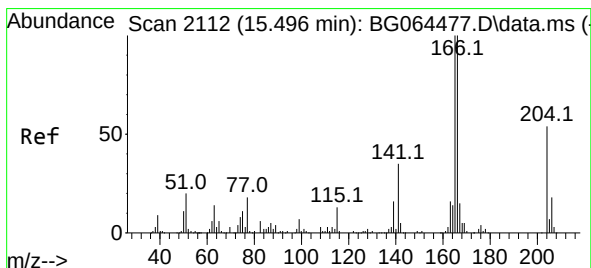
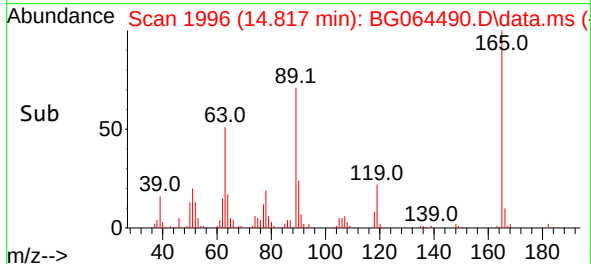
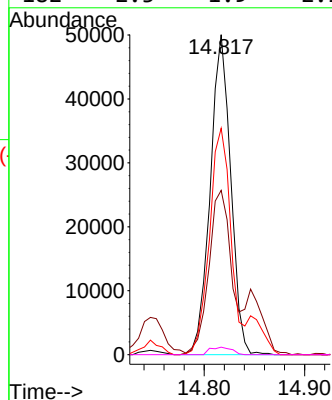
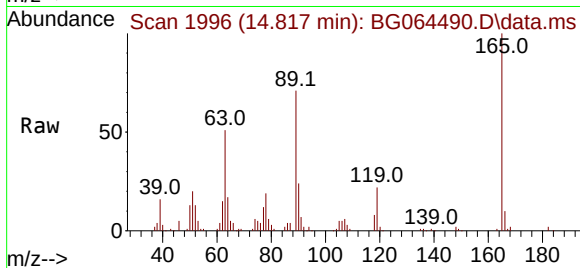




#57
2,4-Dinitrotoluene
Concen: 53.174 ng
RT: 14.817 min Scan# 1996
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

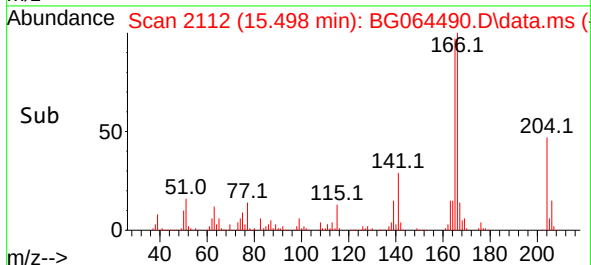
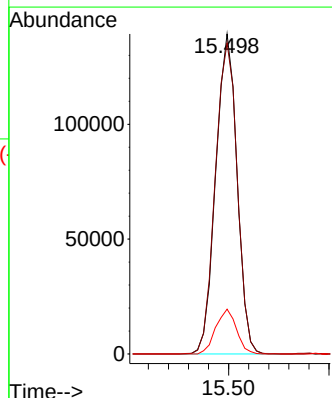
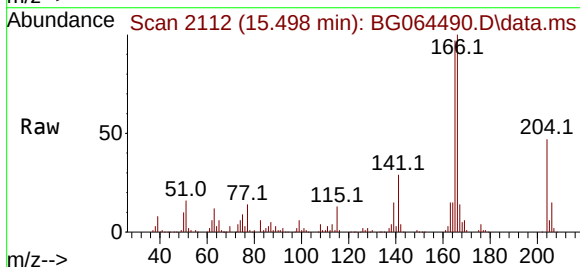
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

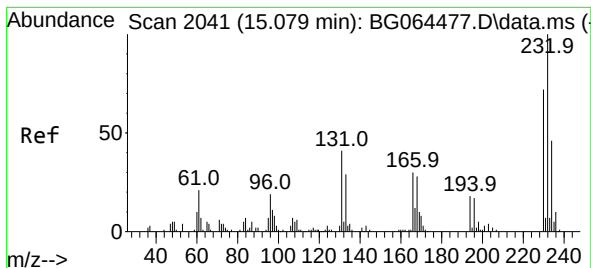
Tgt Ion:165 Resp: 71035
Ion Ratio Lower Upper
165 100
63 51.4 40.4 60.6
89 70.8 57.3 85.9
182 2.3 1.9 2.9



#58
Fluorene
Concen: 50.261 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:166 Resp: 204659
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.6
167 14.0 11.7 17.5

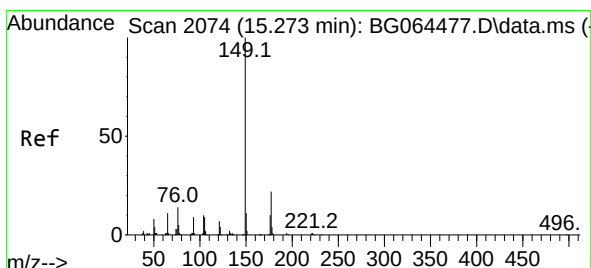
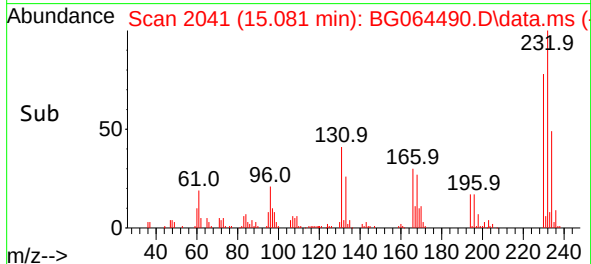
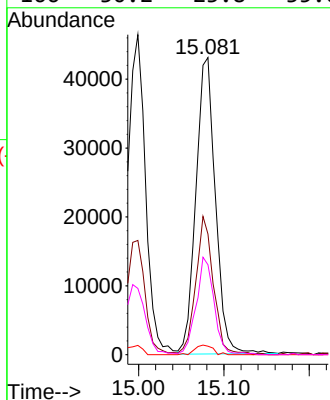
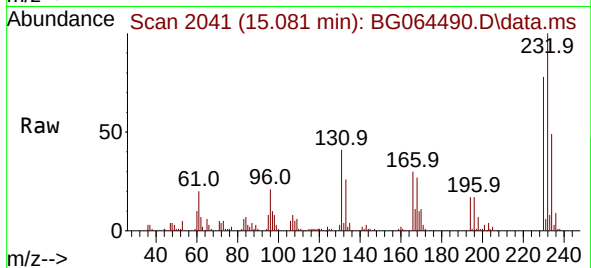




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.327 ng
RT: 15.081 min Scan# 2041
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

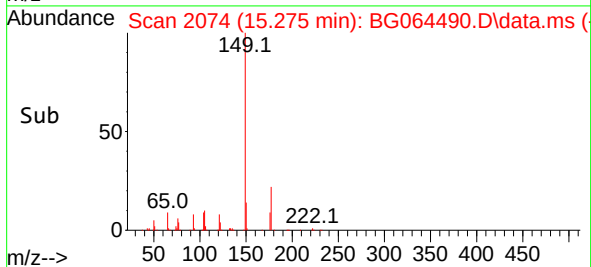
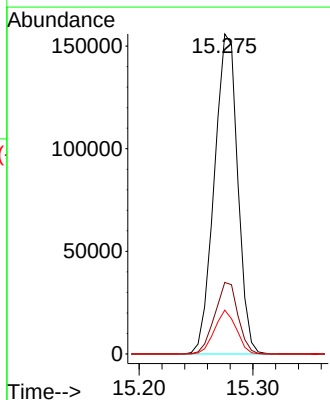
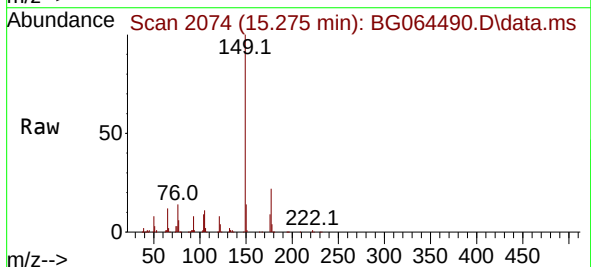
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

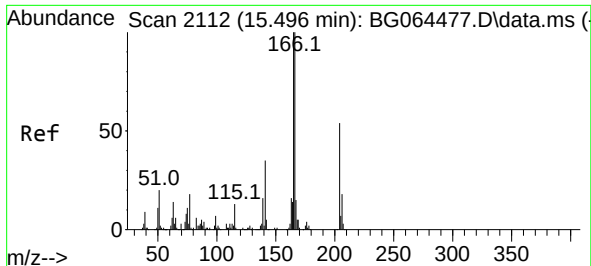
Tgt Ion:232 Resp: 68433
Ion Ratio Lower Upper
232 100
131 42.0 35.0 52.4
130 3.0 2.0 3.0
166 30.2 23.8 35.6



#60
Diethylphthalate
Concen: 49.452 ng
RT: 15.275 min Scan# 2074
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:149 Resp: 222549
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.0
150 13.7 9.1 13.7#

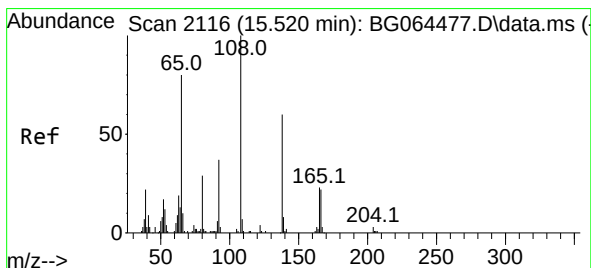
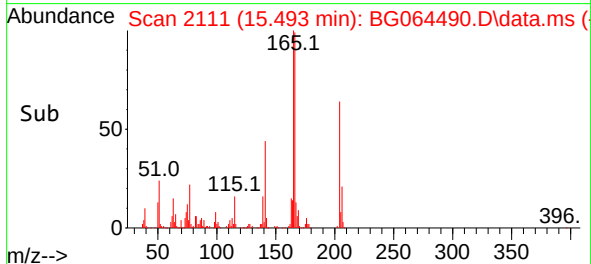
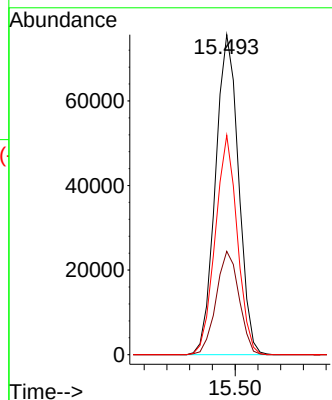
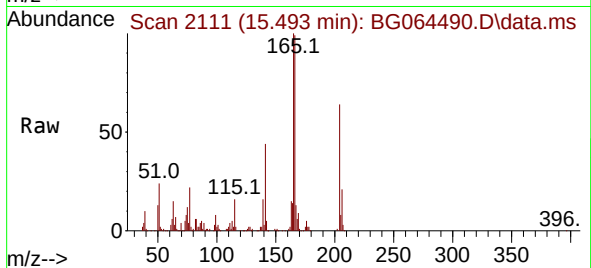




#61
4-Chlorophenyl-phenylether
Concen: 48.001 ng
RT: 15.493 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

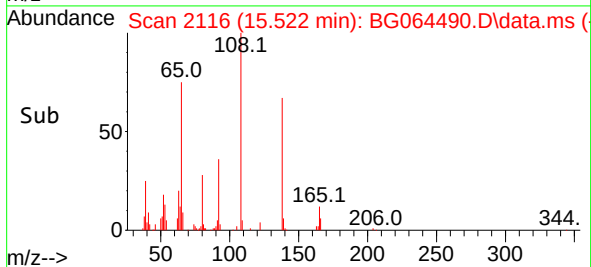
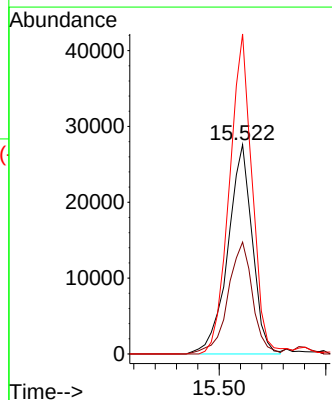
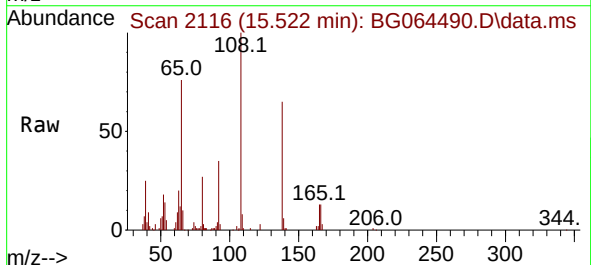
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

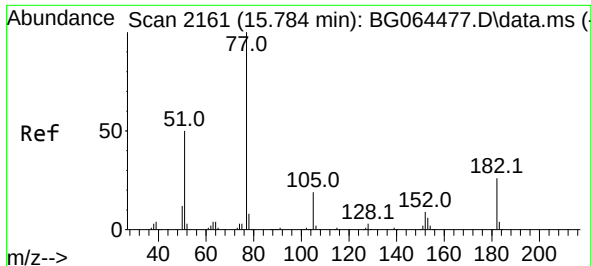
Tgt Ion:204 Resp: 106708
Ion Ratio Lower Upper
204 100
206 32.3 27.1 40.7
141 68.6 51.5 77.3



#62
4-Nitroaniline
Concen: 52.280 ng
RT: 15.522 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:138 Resp: 43915
Ion Ratio Lower Upper
138 100
92 53.4 42.3 82.3
108 152.9 147.7 187.7

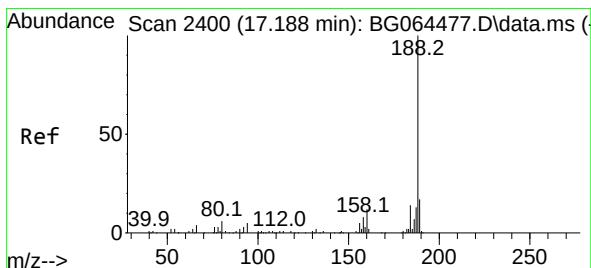
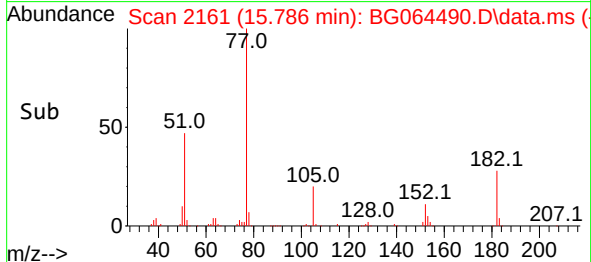
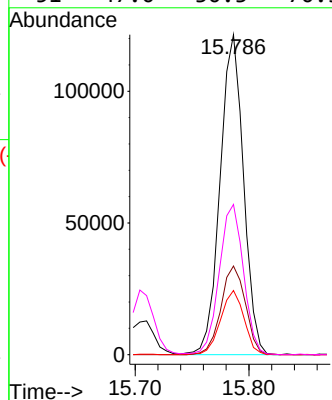
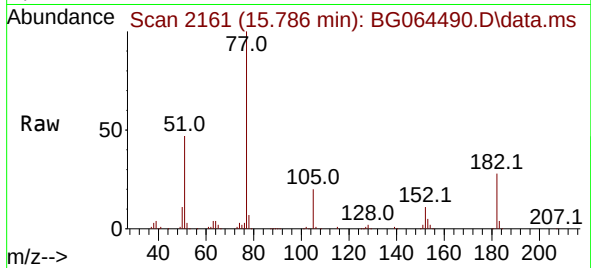




#63
 Azobenzene
 Concen: 49.872 ng
 RT: 15.786 min Scan# 2161
 Delta R.T. 0.005 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

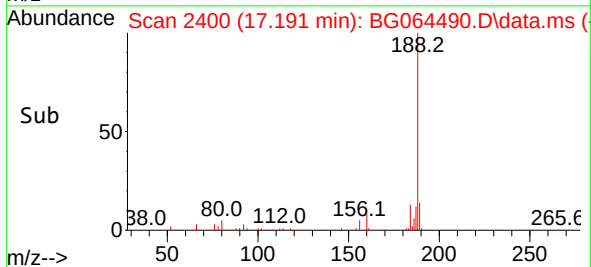
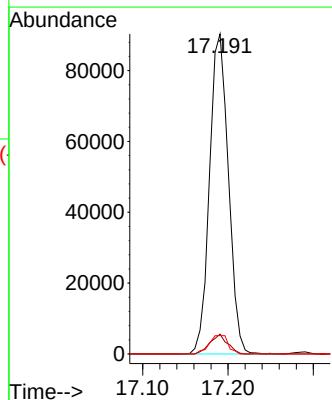
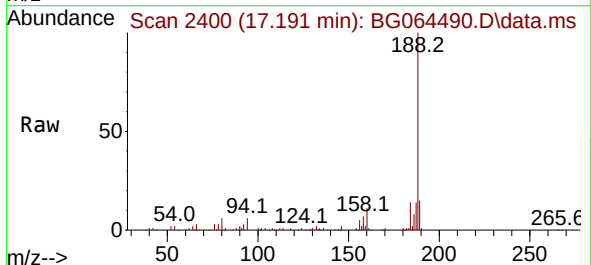
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

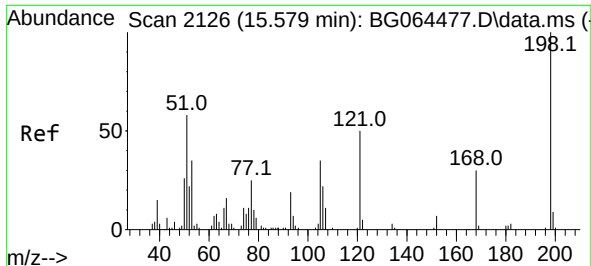
Tgt Ion:	77	Resp:	173819
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.3	46.3
105	20.1	0.0	38.7
51	47.0	30.3	70.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.191 min Scan# 2400
 Delta R.T. 0.005 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

Tgt Ion:	188	Resp:	138632
Ion	Ratio	Lower	Upper
188	100		
94	6.2	3.7	5.5#
80	5.8	4.5	6.7

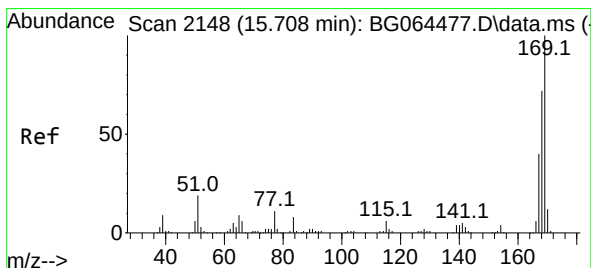
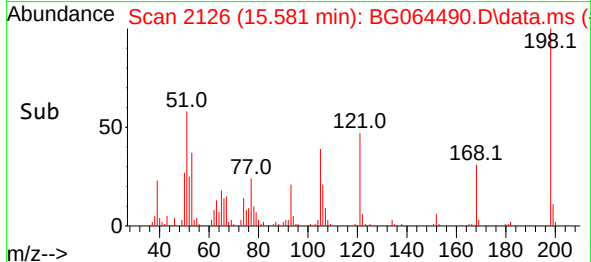
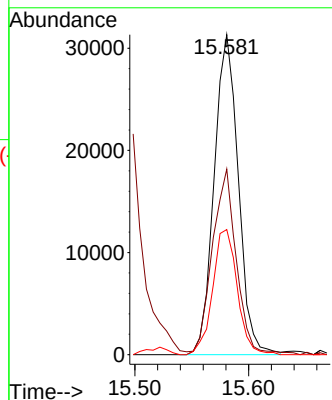
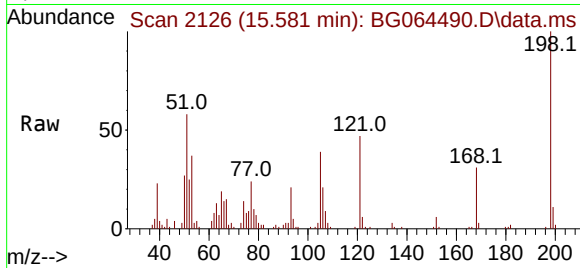




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.921 ng
 RT: 15.581 min Scan# 2126
 Delta R.T. 0.005 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

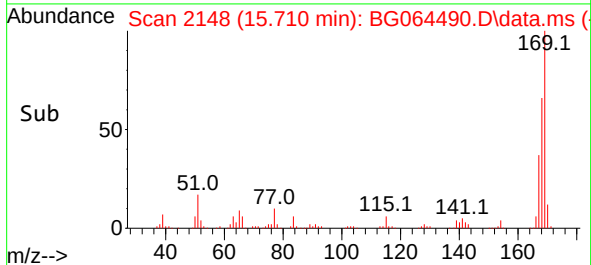
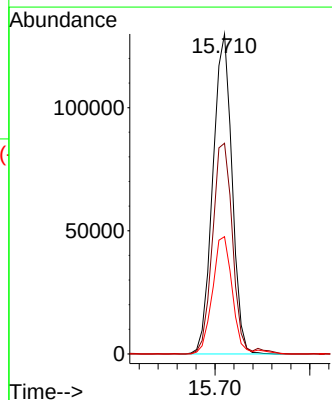
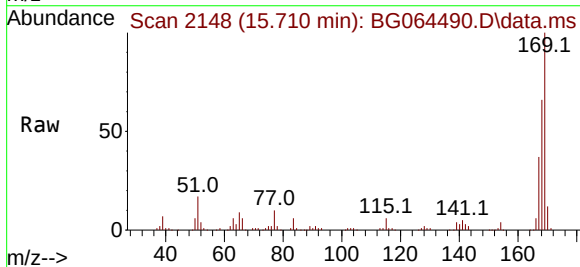
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

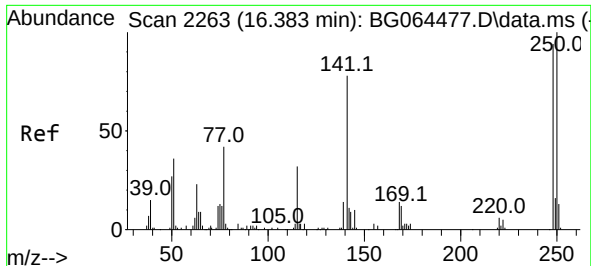
Tgt Ion:198 Resp: 46256
 Ion Ratio Lower Upper
 198 100
 51 58.0 39.0 79.0
 105 39.1 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 49.254 ng
 RT: 15.710 min Scan# 2148
 Delta R.T. 0.005 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

Tgt Ion:169 Resp: 182340
 Ion Ratio Lower Upper
 169 100
 168 65.8 57.8 86.6
 167 36.6 31.7 47.5

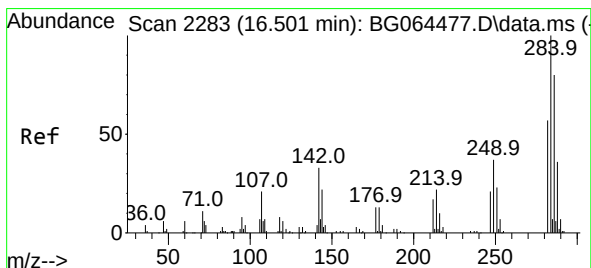
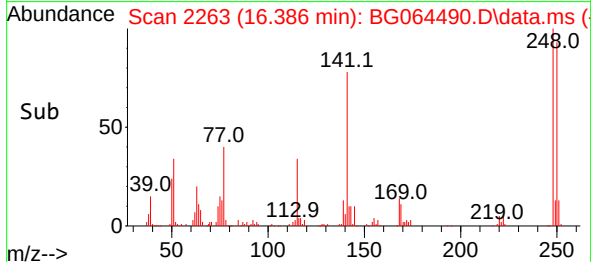
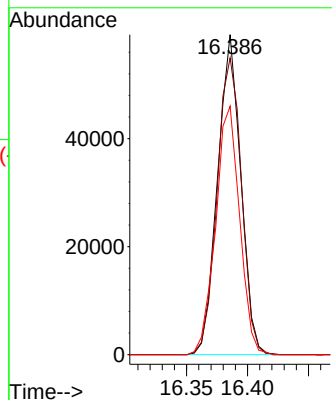
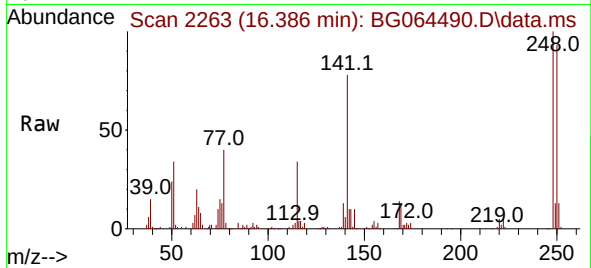




#67
4-Bromophenyl-phenylether
Concen: 48.089 ng
RT: 16.386 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

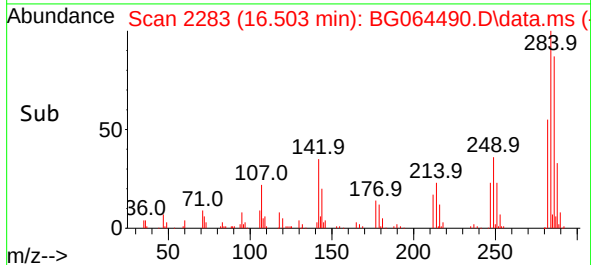
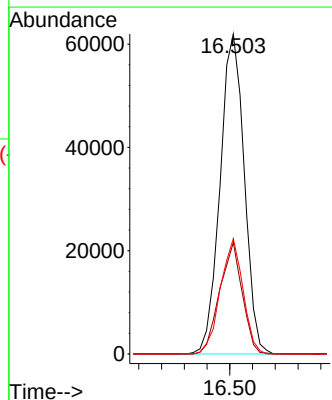
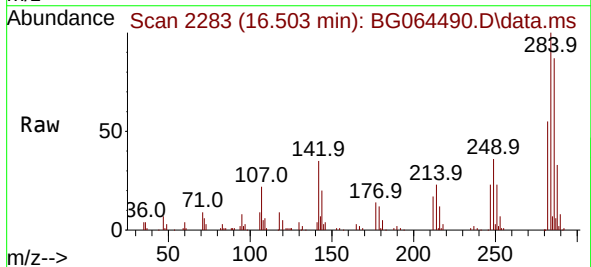
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

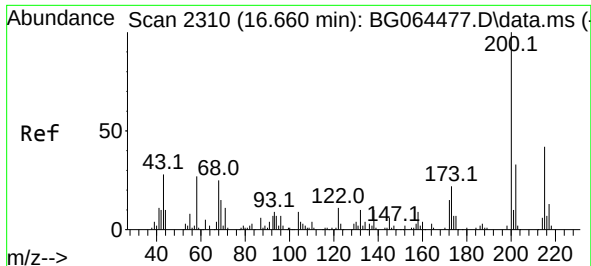
Tgt Ion:248 Resp: 78451
Ion Ratio Lower Upper
248 100
250 92.7 85.3 127.9
141 77.6 66.2 99.2



#68
Hexachlorobenzene
Concen: 48.936 ng
RT: 16.503 min Scan# 2283
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:284 Resp: 91352
Ion Ratio Lower Upper
284 100
142 34.9 26.2 39.2
249 36.0 29.4 44.0

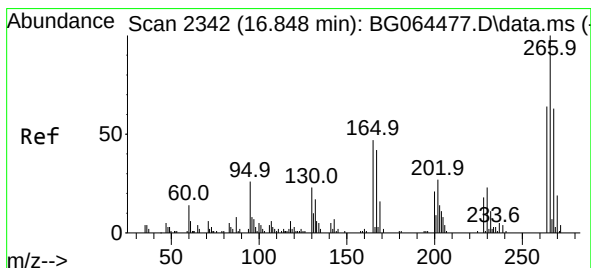
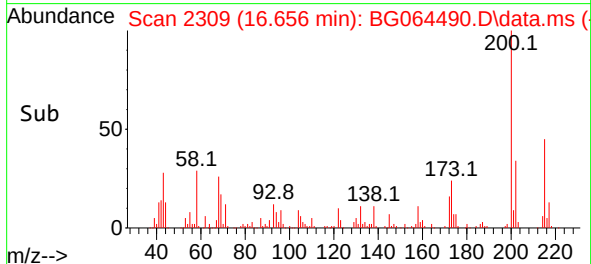
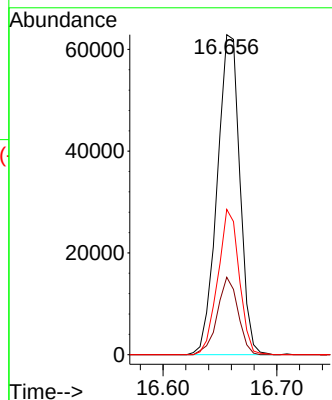
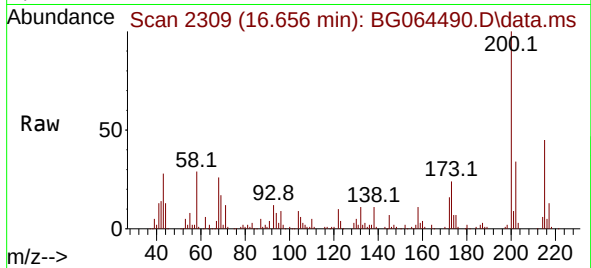




#69
Atrazine
Concen: 52.822 ng
RT: 16.656 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

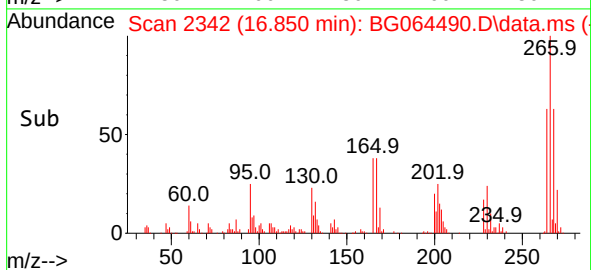
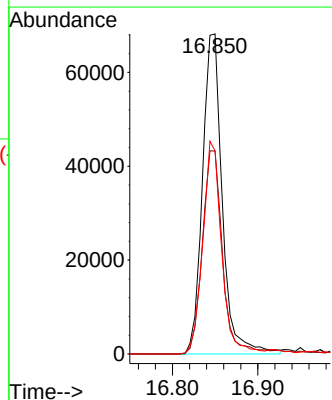
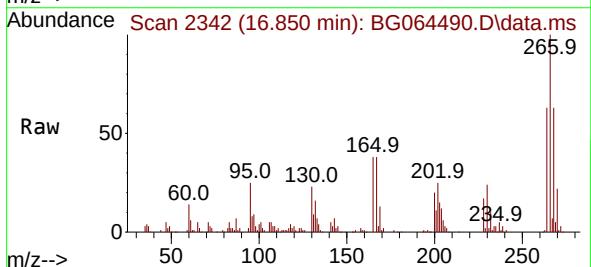
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

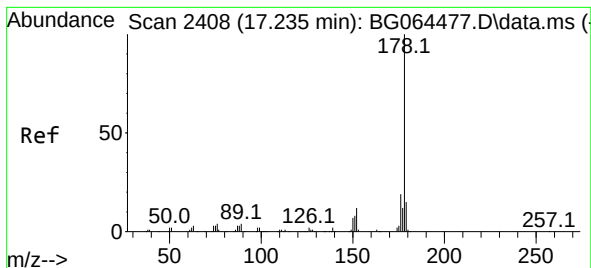
Tgt Ion:200 Resp: 87001
Ion Ratio Lower Upper
200 100
173 24.2 2.5 42.5
215 45.4 21.5 61.5



#70
Pentachlorophenol
Concen: 100.712 ng
RT: 16.850 min Scan# 2342
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:266 Resp: 109925
Ion Ratio Lower Upper
266 100
268 63.4 50.6 75.8
264 63.5 51.2 76.8





#71

Phenanthrene

Concen: 48.603 ng

RT: 17.232 min Scan# 2408

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

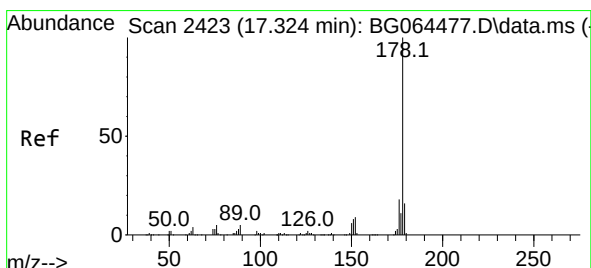
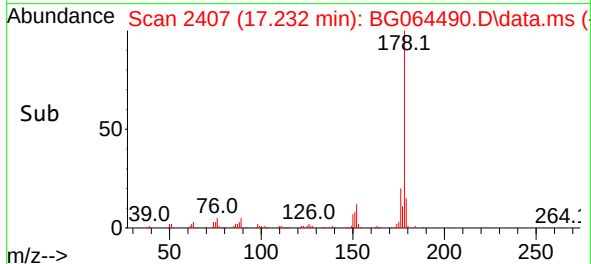
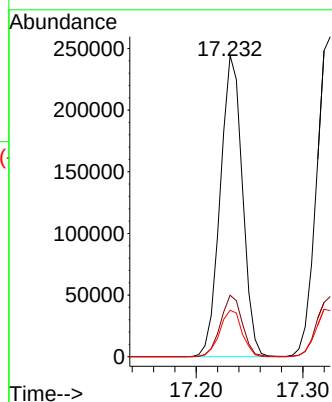
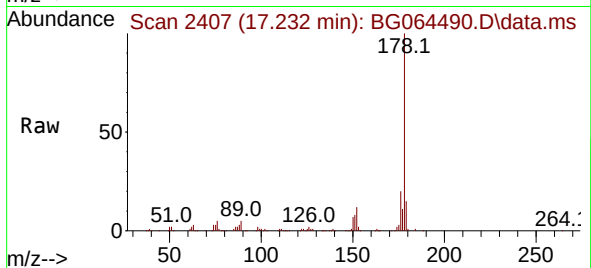
Tgt Ion:178 Resp: 352360

Ion Ratio Lower Upper

178 100

176 20.4 15.2 22.8

179 15.4 11.8 17.6



#72

Anthracene

Concen: 49.895 ng

RT: 17.326 min Scan# 2423

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

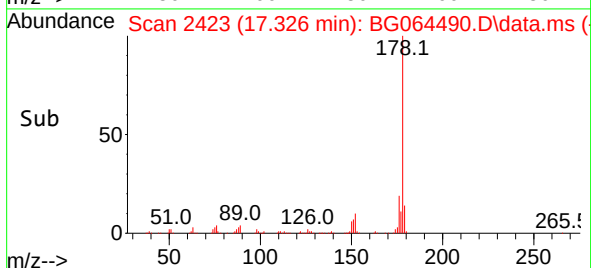
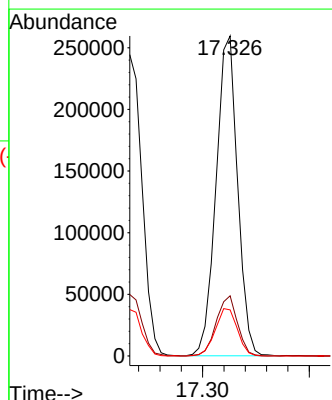
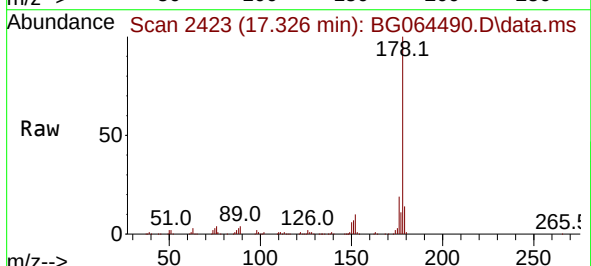
Tgt Ion:178 Resp: 362889

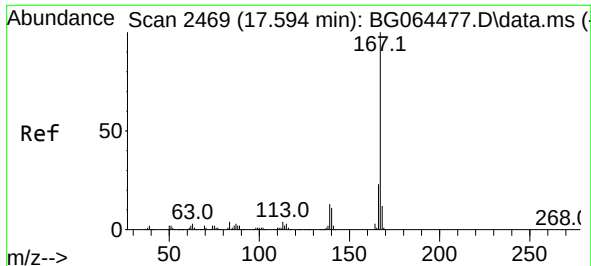
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

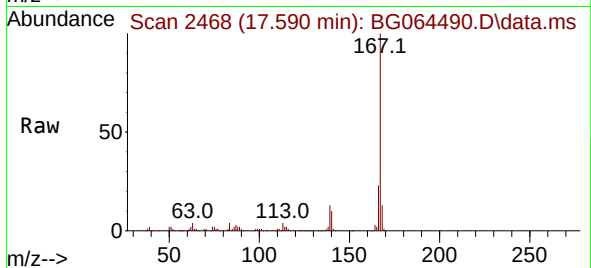
179 14.4 12.5 18.7





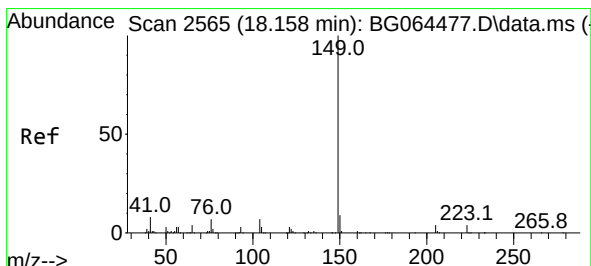
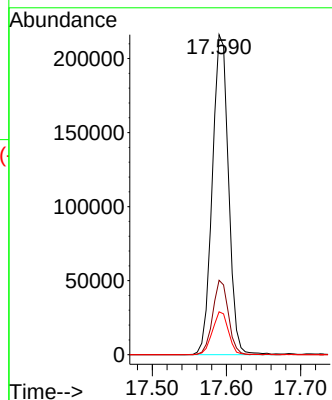
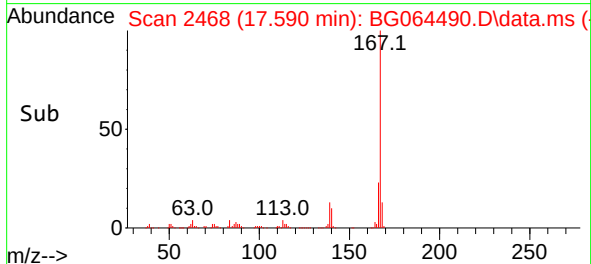
#73
 Carbazole
 Concen: 52.082 ng
 RT: 17.590 min Scan# 2469
 Delta R.T. -0.001 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

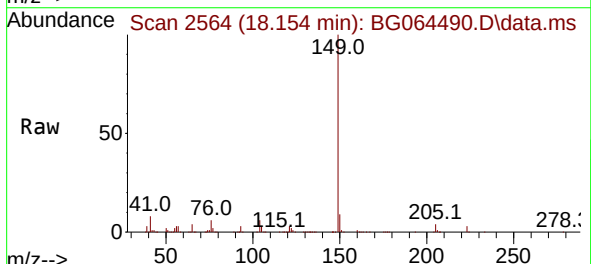


Tgt Ion:167 Resp: 327423

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	27.8
139	13.4	10.2	15.4

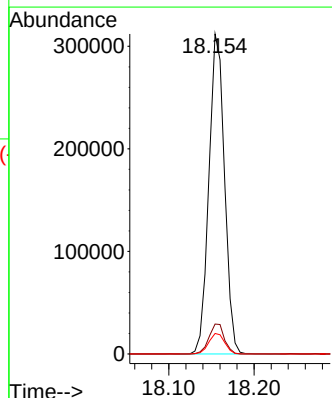
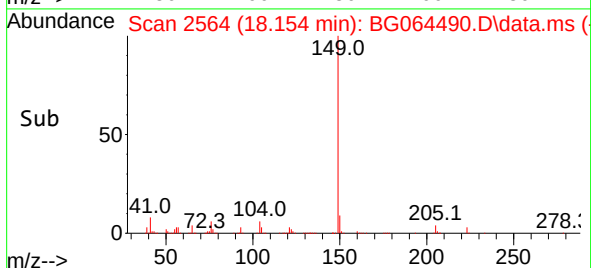


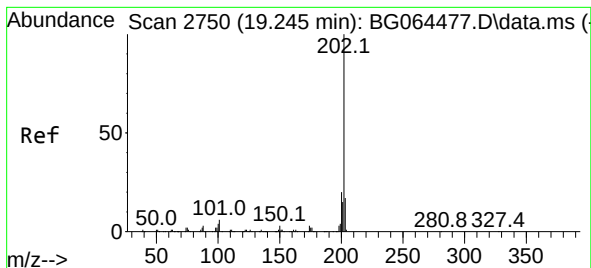
#74
 Di-n-butylphthalate
 Concen: 51.730 ng
 RT: 18.154 min Scan# 2564
 Delta R.T. -0.001 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57



Tgt Ion:149 Resp: 396998

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	6.4	5.3	7.9





#75

Fluoranthene

Concen: 50.952 ng

RT: 19.241 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

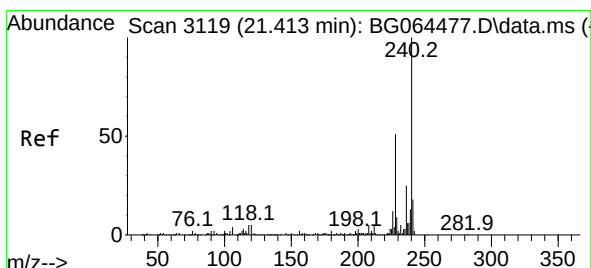
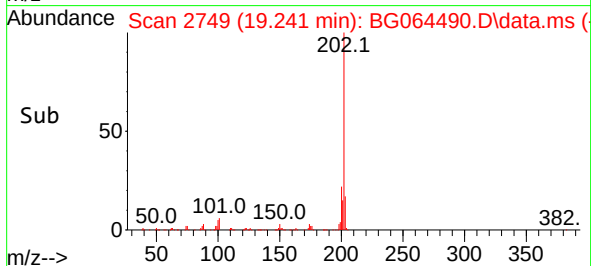
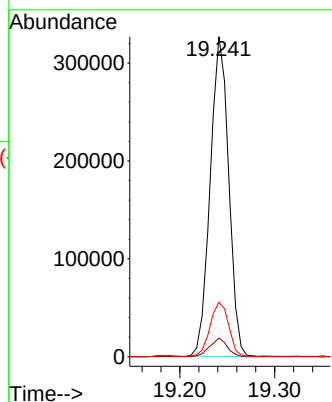
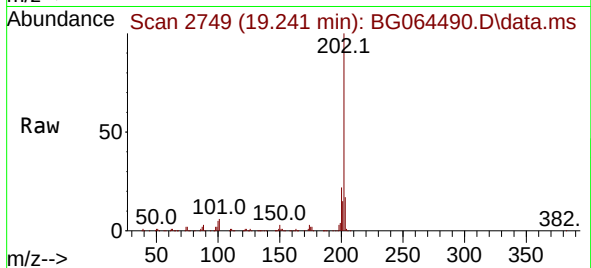
Tgt Ion:202 Resp: 441298

Ion Ratio Lower Upper

202 100

101 5.9 0.0 25.7

203 17.0 0.0 36.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3119

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

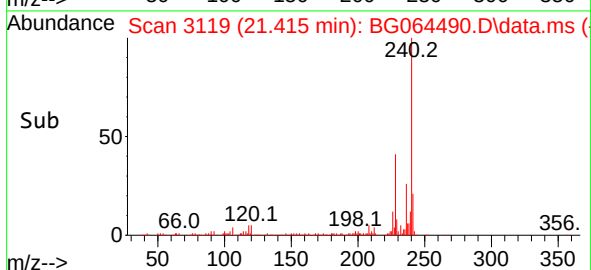
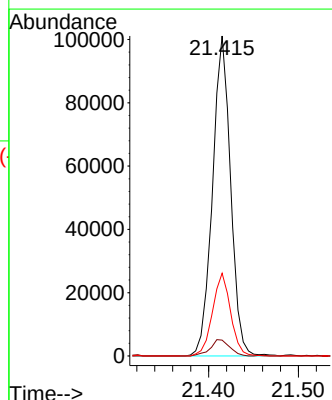
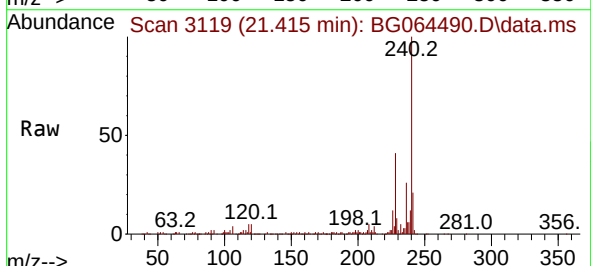
Tgt Ion:240 Resp: 141515

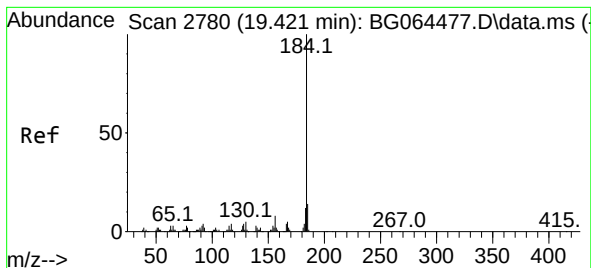
Ion Ratio Lower Upper

240 100

120 5.0 4.3 6.5

236 25.8 20.4 30.6





#77

Benzidine

Concen: 28.405 ng

RT: 19.423 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

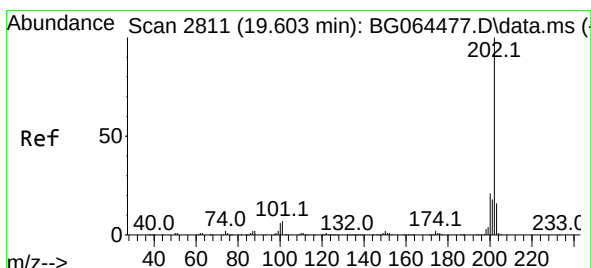
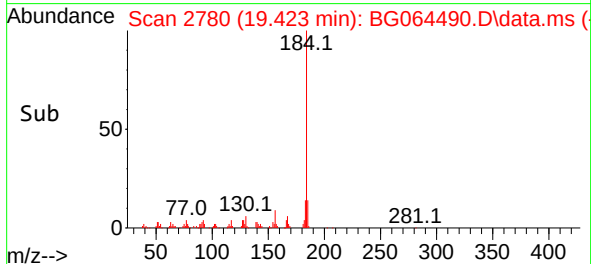
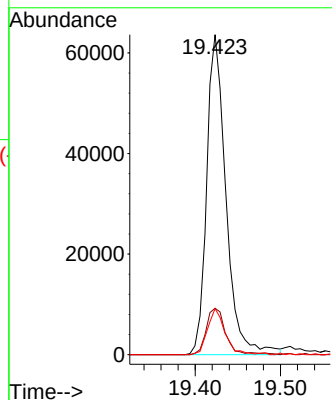
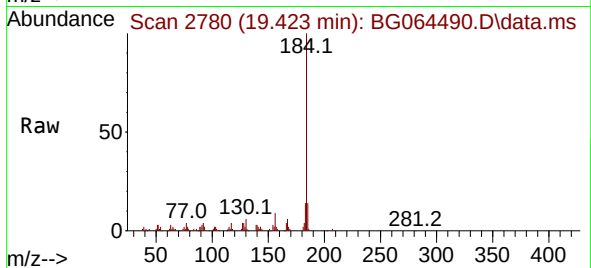
Tgt Ion:184 Resp: 100027

Ion Ratio Lower Upper

184 100

185 14.5 10.9 16.3

183 14.4 9.8 14.6



#78

Pyrene

Concen: 49.536 ng

RT: 19.605 min Scan# 2811

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

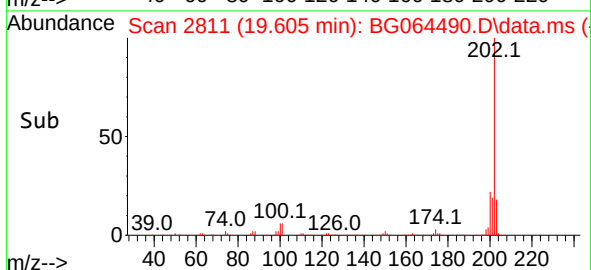
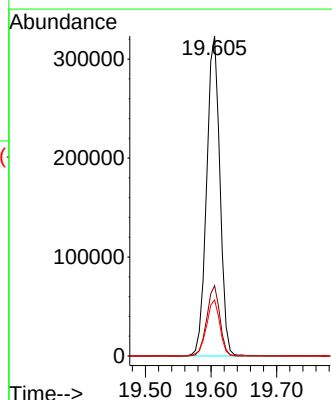
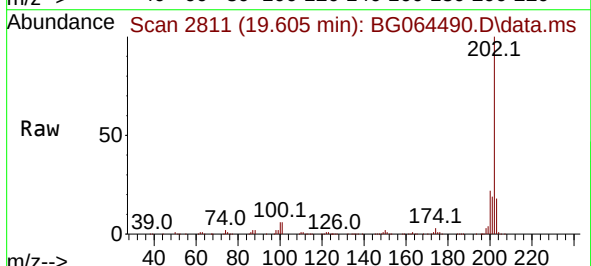
Tgt Ion:202 Resp: 454934

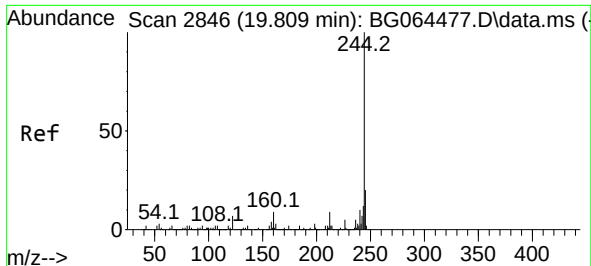
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 17.5 13.0 19.4

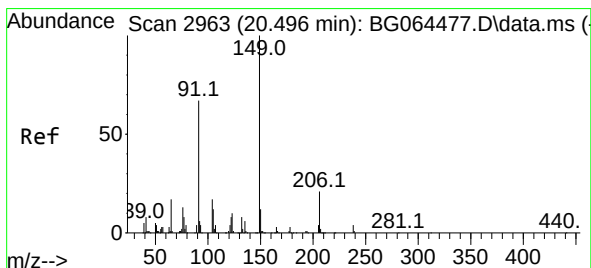
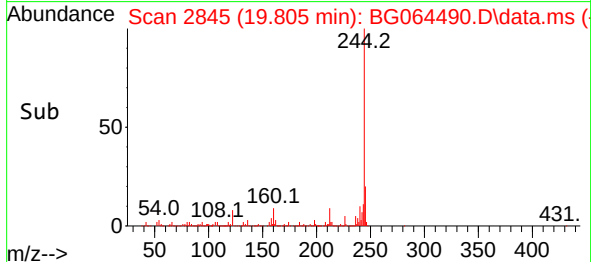
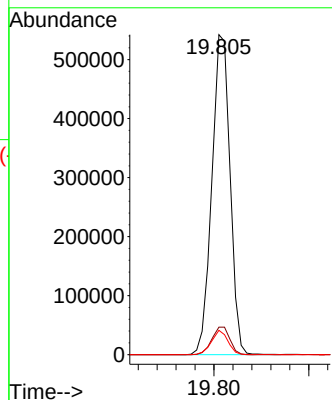
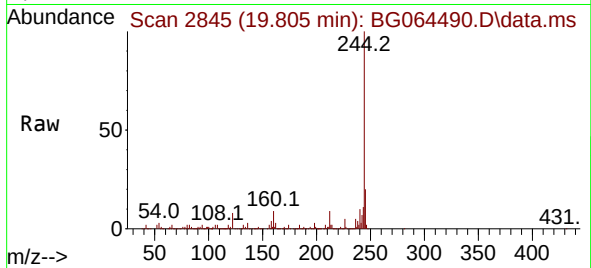




#79
 Terphenyl-d14
 Concen: 96.533 ng
 RT: 19.805 min Scan# 2846
 Delta R.T. -0.001 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

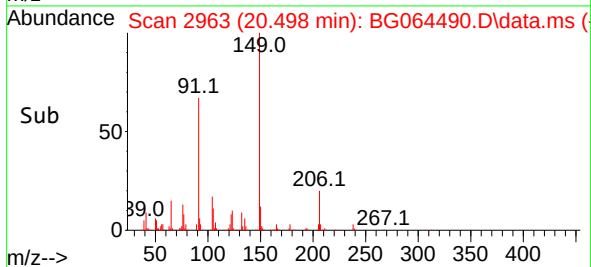
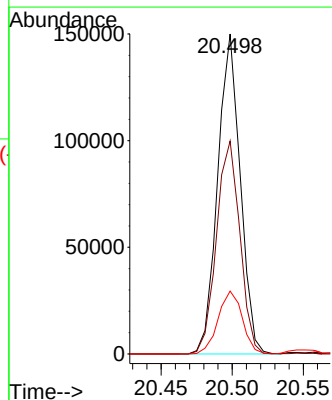
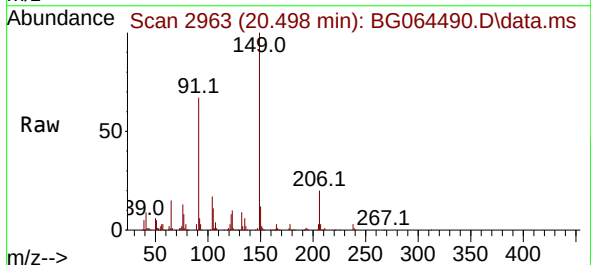
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

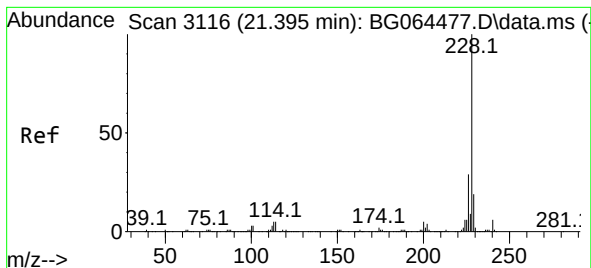
Tgt Ion:244 Resp: 721842
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 7.6 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 50.742 ng
 RT: 20.498 min Scan# 2963
 Delta R.T. -0.001 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

Tgt Ion:149 Resp: 165196
 Ion Ratio Lower Upper
 149 100
 91 66.6 53.7 80.5
 206 19.7 16.6 24.8





#81

Benzo(a)anthracene

Concen: 49.985 ng

RT: 21.397 min Scan# 3116

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

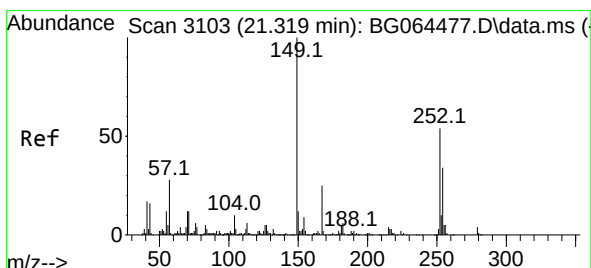
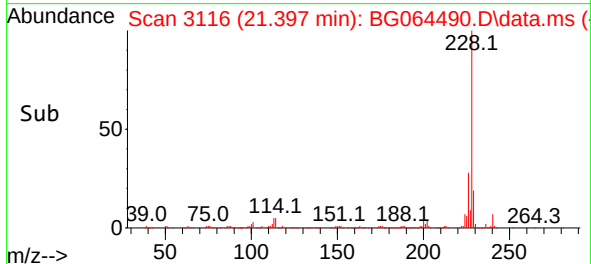
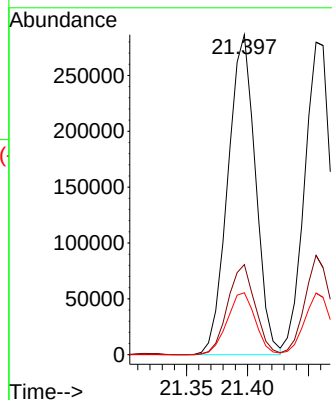
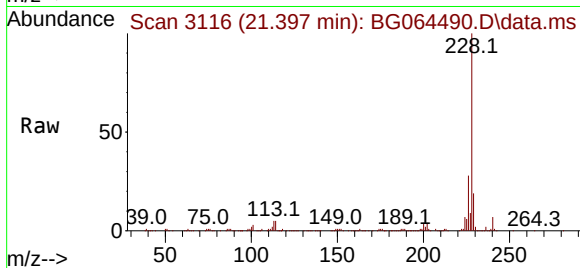
Tgt Ion:228 Resp: 451659

Ion Ratio Lower Upper

228 100

226 28.1 22.8 34.2

229 19.4 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 27.260 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

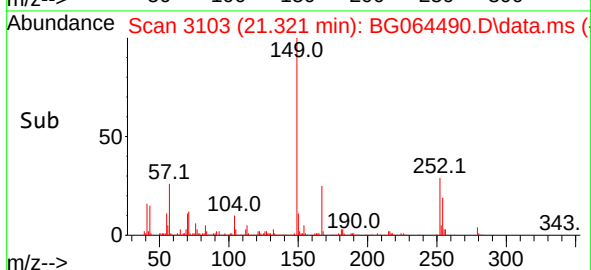
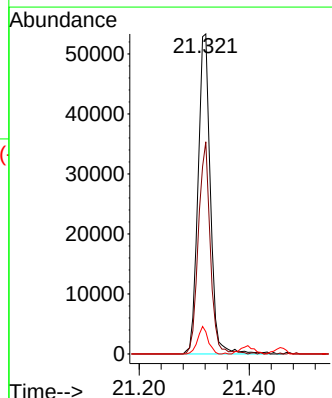
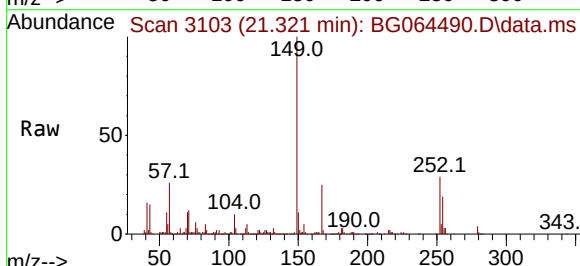
Tgt Ion:252 Resp: 83367

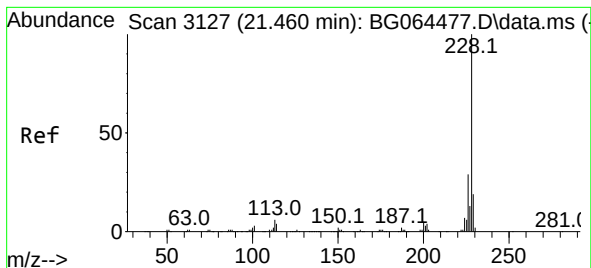
Ion Ratio Lower Upper

252 100

254 66.3 50.5 75.7

126 7.0 7.1 10.7#





#83

Chrysene

Concen: 49.559 ng

RT: 21.456 min Scan# 3126

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

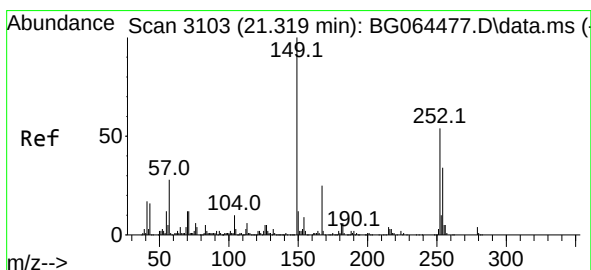
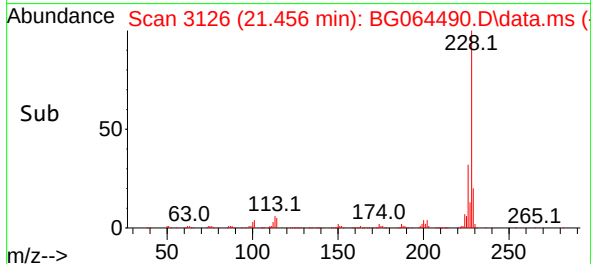
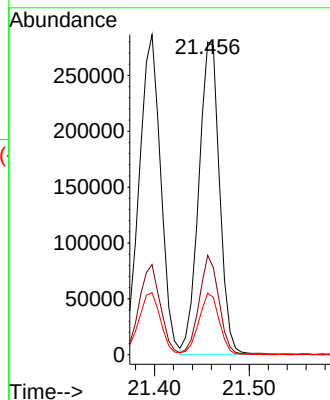
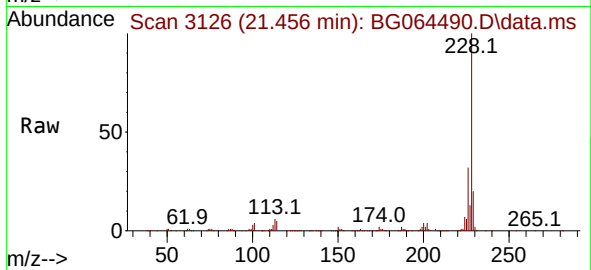
Tgt Ion:228 Resp: 424681

Ion Ratio Lower Upper

228 100

226 31.8 22.8 34.2

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.979 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

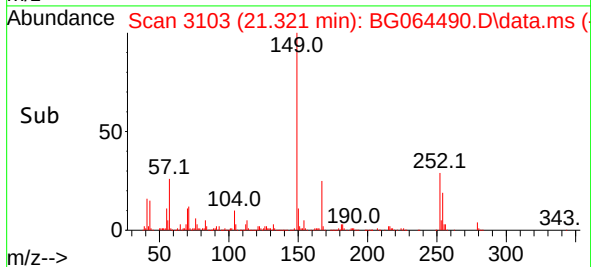
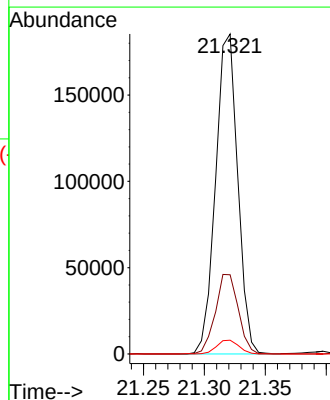
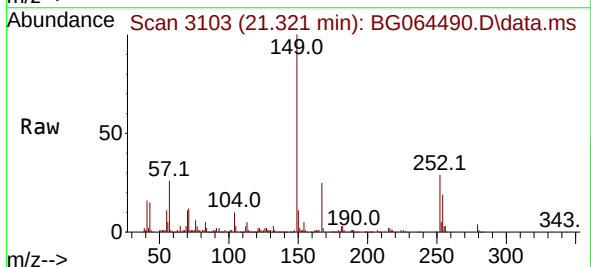
Tgt Ion:149 Resp: 234171

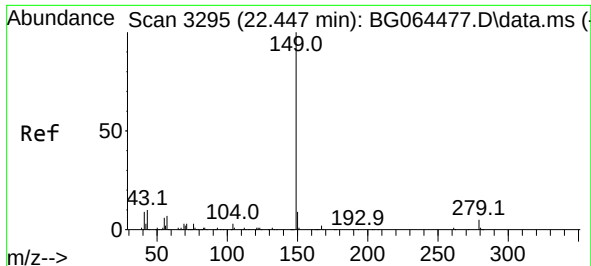
Ion Ratio Lower Upper

149 100

167 24.7 19.7 29.5

279 4.3 3.4 5.2

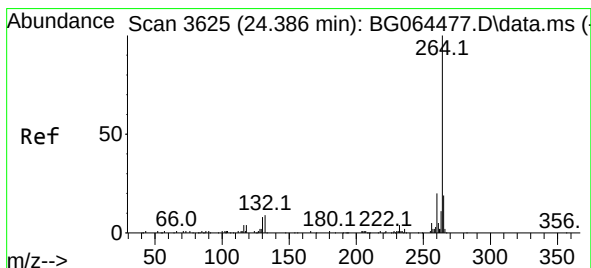
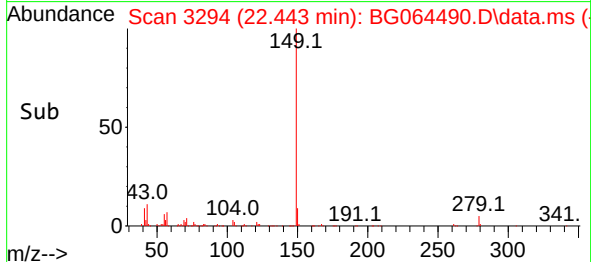
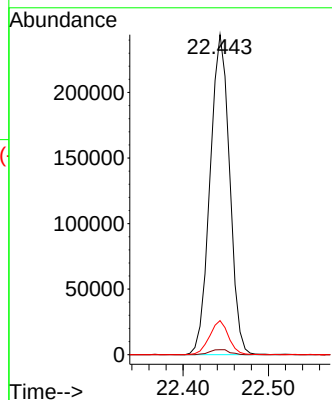
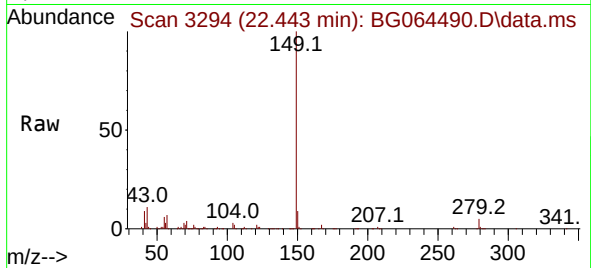




#85
Di-n-octyl phthalate
Concen: 50.334 ng
RT: 22.443 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

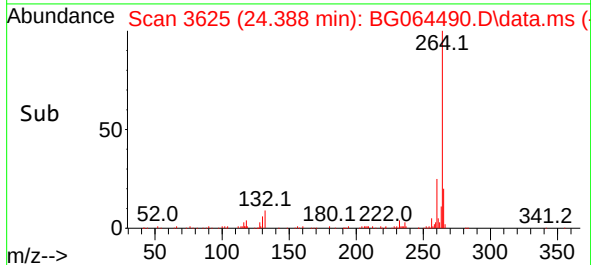
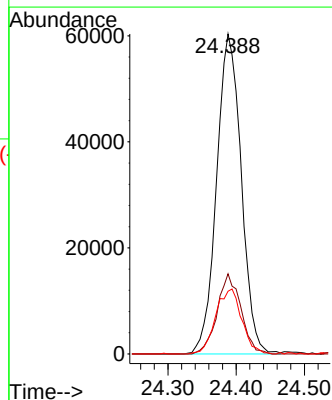
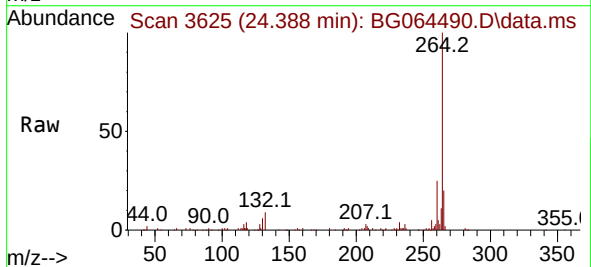
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

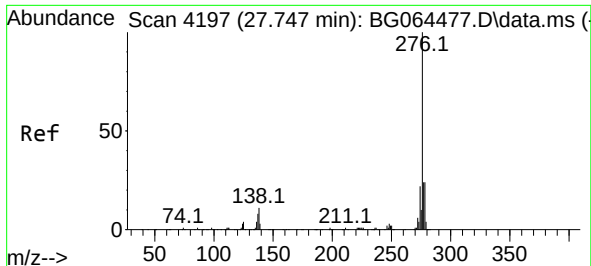
Tgt Ion:149 Resp: 388583
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.388 min Scan# 3625
Delta R.T. -0.001 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:264 Resp: 151583
Ion Ratio Lower Upper
264 100
260 25.1 16.2 24.4#
265 19.6 15.0 22.4

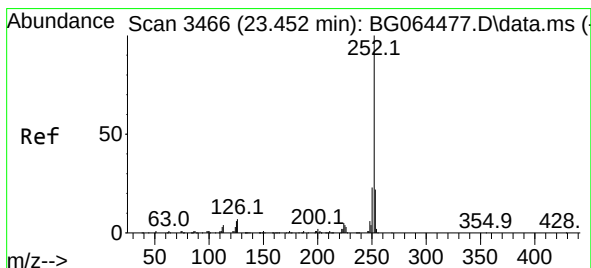
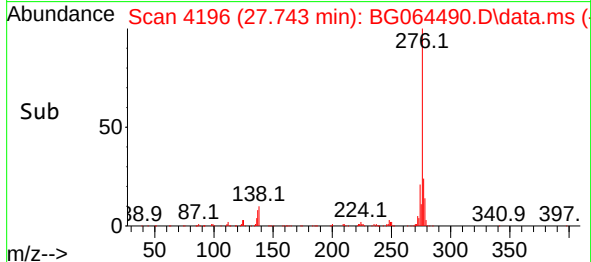
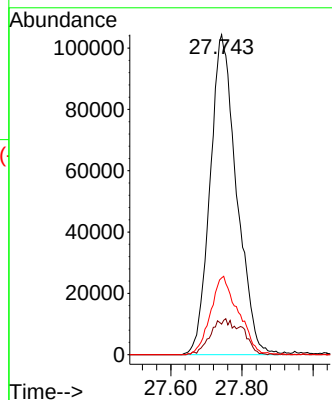
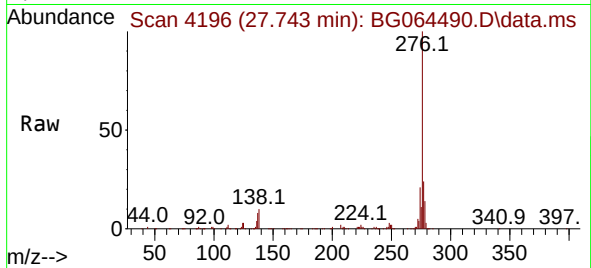




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.237 ng
 RT: 27.743 min Scan# 4197
 Delta R.T. 0.010 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

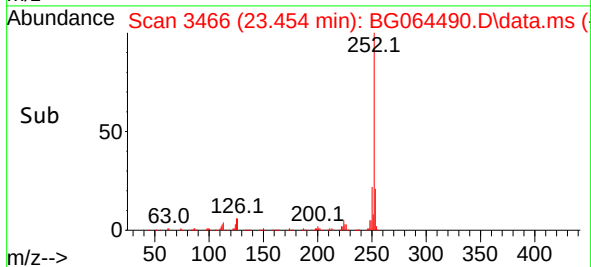
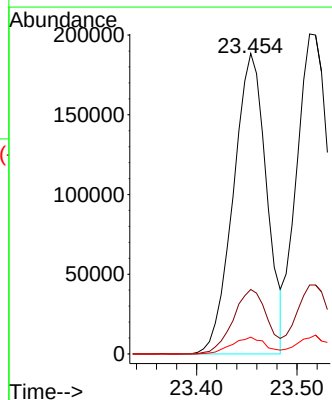
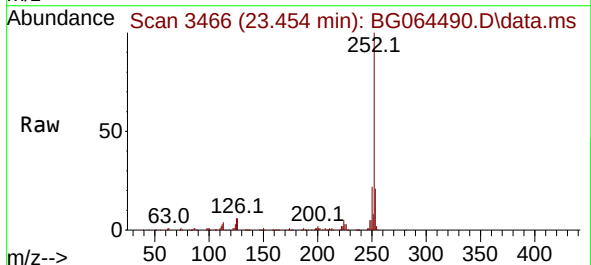
Instrument :
 BNA_G
 ClientSampleId :
 PB169973BSD

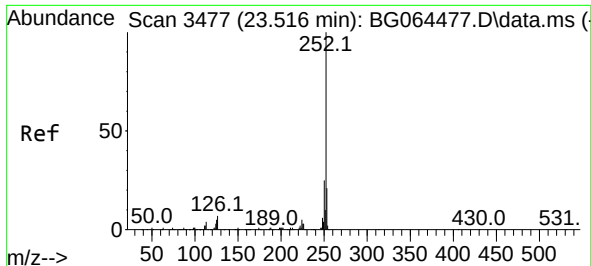
Tgt Ion:276 Resp: 540606
 Ion Ratio Lower Upper
 276 100
 138 9.8 10.8 16.2#
 277 25.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 50.425 ng
 RT: 23.454 min Scan# 3466
 Delta R.T. 0.005 min
 Lab File: BG064490.D
 Acq: 3 Oct 2025 16:57

Tgt Ion:252 Resp: 434847
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 5.6 4.5 6.7

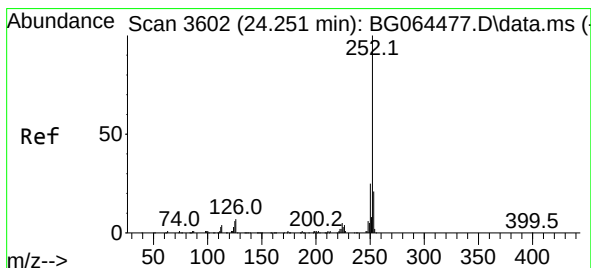
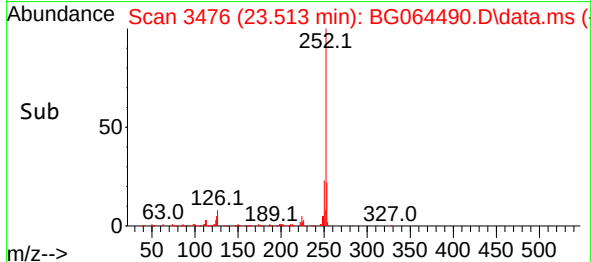
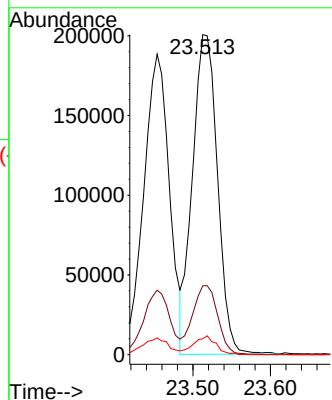
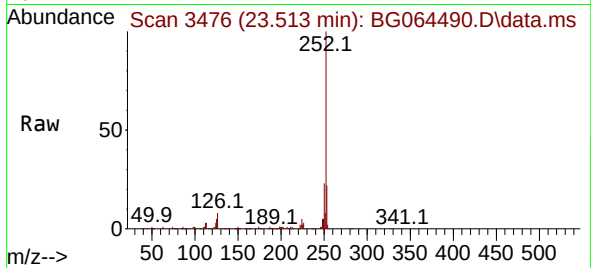




#89
Benzo(k)fluoranthene
Concen: 51.716 ng
RT: 23.513 min Scan# 3477
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

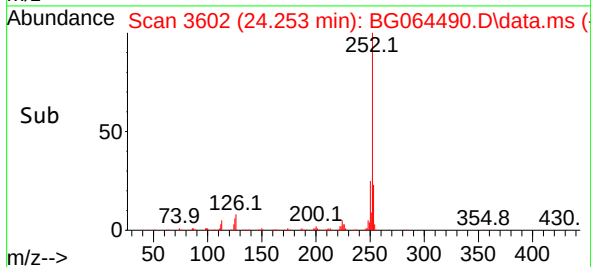
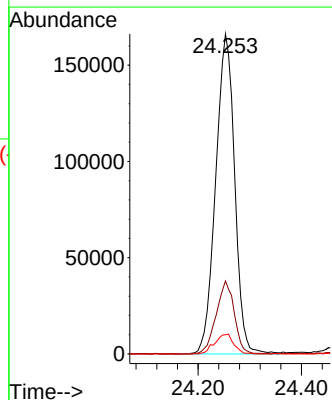
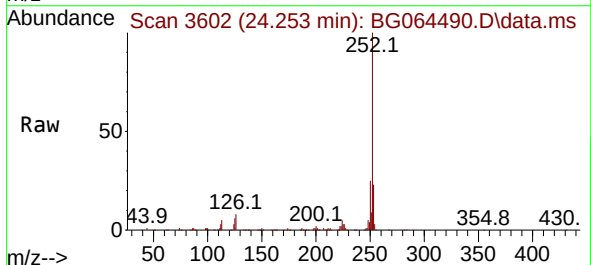
Instrument :
BNA_G
ClientSampleId :
PB169973BSD

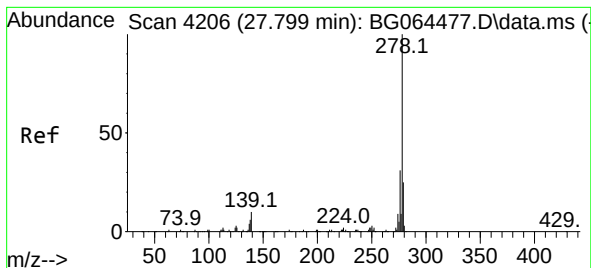
Tgt Ion:252 Resp: 449174
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 5.0 4.0 6.0



#90
Benzo(a)pyrene
Concen: 53.252 ng
RT: 24.253 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BG064490.D
Acq: 3 Oct 2025 16:57

Tgt Ion:252 Resp: 423237
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 6.0 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 52.434 ng

RT: 27.796 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA_G

ClientSampleId :

PB169973BSD

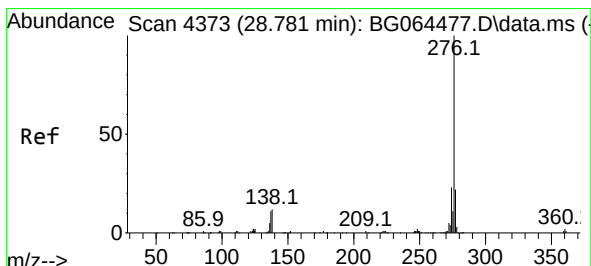
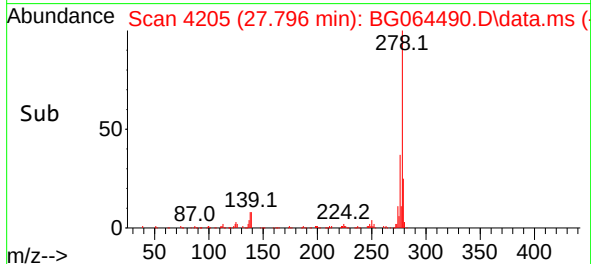
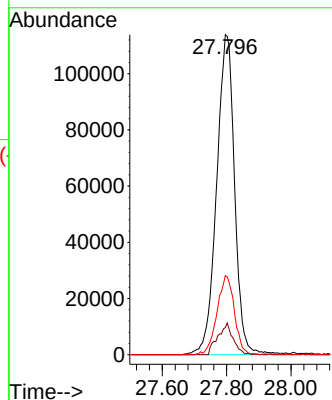
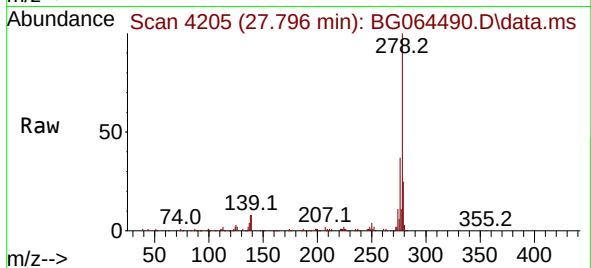
Tgt Ion:278 Resp: 442427

Ion Ratio Lower Upper

278 100

139 8.4 8.2 12.2

279 24.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 52.749 ng

RT: 28.789 min Scan# 4374

Delta R.T. 0.022 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Tgt Ion:276 Resp: 432535

Ion Ratio Lower Upper

276 100

277 21.3 17.8 26.6

138 12.3 9.4 14.0

