

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064701.D
 Acq On : 6 Nov 2025 13:35
 Operator : RC/JU
 Sample : PB170421BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170421BS

Quant Time: Nov 06 14:15:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	36207	20.000	ng	-0.02
21) Naphthalene-d8	11.025	136	134518	20.000	ng	#-0.02
39) Acenaphthene-d10	14.821	164	99892	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	231903	20.000	ng	-0.02
76) Chrysene-d12	21.830	240	321404	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	337554	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	255783	118.577	ng	-0.01
7) Phenol-d6	7.341	99	334098	112.871	ng	-0.01
23) Nitrobenzene-d5	9.368	82	217347	97.046	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	222612	154.405	ng	-0.02
45) 2-Fluorobiphenyl	13.452	172	569076	86.351	ng	-0.02
79) Terphenyl-d14	20.150	244	1384546	81.295	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.563	88	28178	29.505	ng	98
3) Pyridine	3.975	79	77567	27.046	ng	98
4) n-Nitrosodimethylamine	3.887	42	58257	37.879	ng	94
6) Aniline	7.512	93	112821	28.011	ng	97
8) 2-Chlorophenol	7.759	128	100355	44.447	ng	93
9) Benzaldehyde	7.324	77	47538	29.417	ng	91
10) Phenol	7.371	94	127653	38.996	ng	94
11) bis(2-Chloroethyl)ether	7.606	93	88497	36.770	ng	93
12) 1,3-Dichlorobenzene	8.093	146	113072	43.511	ng	95
13) 1,4-Dichlorobenzene	8.234	146	117156	44.338	ng	98
14) 1,2-Dichlorobenzene	8.558	146	113870	44.679	ng	98
15) Benzyl Alcohol	8.434	79	95183	38.995	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.728	45	237185	37.570	ng	98
17) 2-Methylphenol	8.634	107	92264	42.451	ng	97
18) Hexachloroethane	9.298	117	41934	45.223	ng	98
19) n-Nitroso-di-n-propyla...	9.004	70	77006	37.643	ng	96
20) 3+4-Methylphenols	8.963	107	120635	39.468	ng	98
22) Acetophenone	9.022	105	169826	46.184	ng	# 95
24) Nitrobenzene	9.410	77	119395	49.014	ng	94
25) Isophorone	9.938	82	212663	39.572	ng	99
26) 2-Nitrophenol	10.126	139	52890	55.734	ng	# 90
27) 2,4-Dimethylphenol	10.179	122	96044	48.046	ng	95
28) bis(2-Chloroethoxy)met...	10.414	93	120598	39.413	ng	100
29) 2,4-Dichlorophenol	10.667	162	105323	48.957	ng	96
30) 1,2,4-Trichlorobenzene	10.884	180	126344	51.688	ng	96
31) Naphthalene	11.078	128	324969	43.572	ng	98
32) Benzoic acid	10.303	122	54465	37.315	ng	92
33) 4-Chloroaniline	11.172	127	65360	22.547	ng	97
34) Hexachlorobutadiene	11.366	225	103081	53.924	ng	94
35) Caprolactam	11.936	113	17440	21.136	ng	# 86
36) 4-Chloro-3-methylphenol	12.277	107	108563	41.982	ng	96
37) 2-Methylnaphthalene	12.670	142	211333	38.595	ng	97
38) 1-Methylnaphthalene	12.888	142	216607	39.959	ng	97
40) 1,2,4,5-Tetrachloroben...	13.035	216	186176	55.534	ng	99
41) Hexachlorocyclopentadiene	13.017	237	220835	146.349	ng	98
43) 2,4,6-Trichlorophenol	13.264	196	101641	53.003	ng	99

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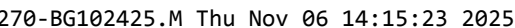
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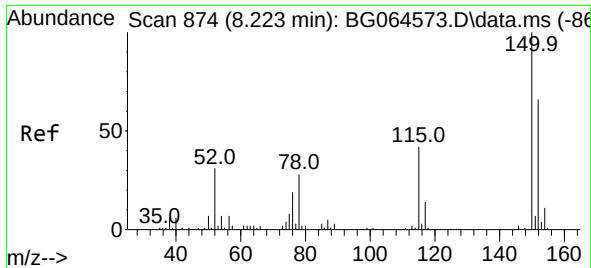
Quant Time: Nov 06 14:15:08 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	109152	49.325	ng	96
46) 1,1'-Biphenyl	13.663	154	350637	49.374	ng	98
47) 2-Chloronaphthalene	13.710	162	240829	44.926	ng	98
48) 2-Nitroaniline	13.893	65	80989	45.206	ng	97
49) Acenaphthylene	14.551	152	418804	49.532	ng	99
50) Dimethylphthalate	14.269	163	323438	42.314	ng	98
51) 2,6-Dinitrotoluene	14.380	165	65885	51.957	ng	96
52) Acenaphthene	14.886	154	274547	47.526	ng	95
53) 3-Nitroaniline	14.709	138	45164	34.381	ng #	94
54) 2,4-Dinitrophenol	14.915	184	73793	94.280	ng #	40
55) Dibenzofuran	15.220	168	406041	43.477	ng	98
56) 4-Nitrophenol	15.009	139	108529	89.111	ng	92
57) 2,4-Dinitrotoluene	15.168	165	96879	49.574	ng	95
58) Fluorene	15.867	166	308951	42.359	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.438	232	111721	52.795	ng	99
60) Diethylphthalate	15.626	149	306827	39.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.855	204	185914	45.420	ng	97
62) 4-Nitroaniline	15.873	138	67473	46.170	ng	89
63) Azobenzene	16.149	77	276660	38.634	ng	97
65) 4,6-Dinitro-2-methylph...	15.931	198	58793	56.528	ng	98
66) n-Nitrosodiphenylamine	16.061	169	284391	45.399	ng	100
67) 4-Bromophenyl-phenylether	16.748	248	137267	49.949	ng	96
68) Hexachlorobenzene	16.871	284	162496	51.830	ng	94
69) Atrazine	17.007	200	132459	49.136	ng	95
70) Pentachlorophenol	17.206	266	183253	93.733	ng	92
71) Phenanthrene	17.600	178	572933	45.177	ng	100
72) Anthracene	17.694	178	591115	45.821	ng	99
73) Carbazole	17.953	167	535324	47.058	ng	100
74) Di-n-butylphthalate	18.511	149	585697	44.524	ng	99
75) Fluoranthene	19.598	202	801617	50.457	ng	97
77) Benzidine	19.762	184	190535	26.460	ng	99
78) Pyrene	19.956	202	837371	39.877	ng	99
80) Butylbenzylphthalate	20.831	149	288415	45.444	ng	94
81) Benzo(a)anthracene	21.813	228	976313	45.813	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	249778	35.099	ng	96
83) Chrysene	21.883	228	902766	44.520	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	427531	45.082	ng	98
85) Di-n-octyl phthalate	22.964	149	733239	45.859	ng	96
87) Indeno(1,2,3-cd)pyrene	28.969	276	1205535	48.548	ng #	95
88) Benzo(b)fluoranthene	24.098	252	988958	47.779	ng #	97
89) Benzo(k)fluoranthene	24.175	252	1019509	49.221	ng #	98
90) Benzo(a)pyrene	25.003	252	954075	50.144	ng	98
91) Dibenzo(a,h)anthracene	29.045	278	999457	49.542	ng	96
92) Benzo(g,h,i)perylene	30.168	276	961369	49.885	ng #	95

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

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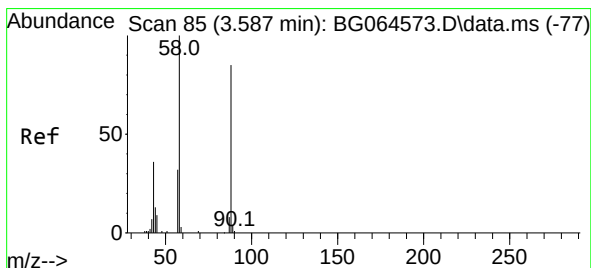
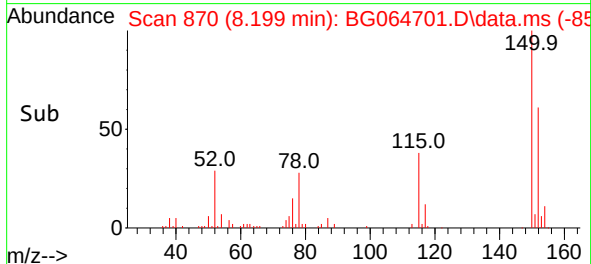
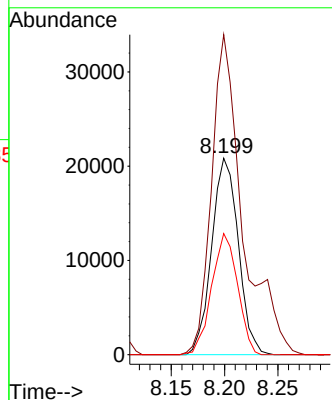
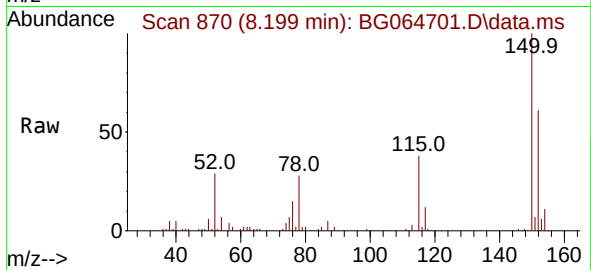




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.199 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BG064701.D
 Acq: 6 Nov 2025 13:35

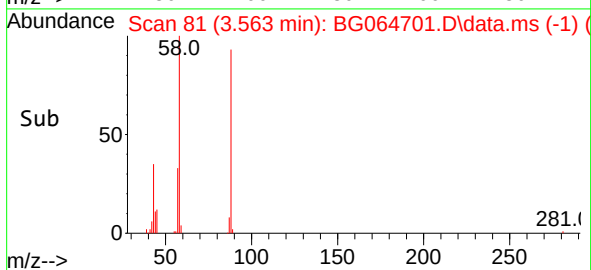
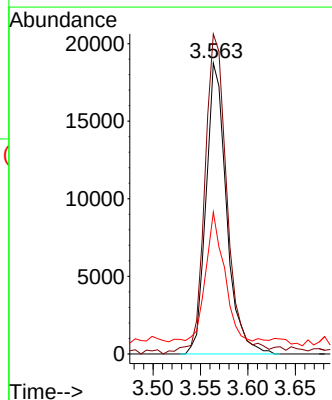
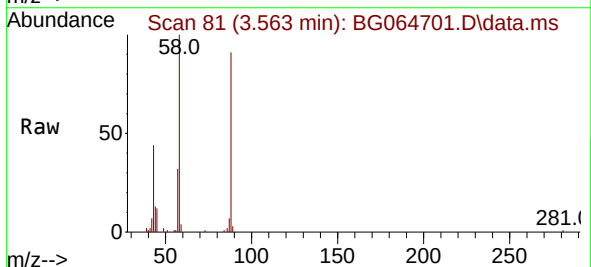
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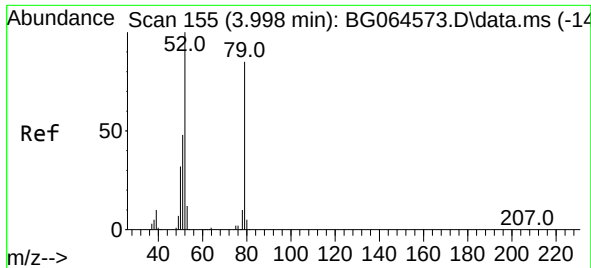
Tgt Ion:152 Resp: 36207
 Ion Ratio Lower Upper
 152 100
 150 162.9 122.2 183.4
 115 61.7 50.8 76.2



#2
 1,4-Dioxane
 Concen: 29.505 ng
 RT: 3.563 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BG064701.D
 Acq: 6 Nov 2025 13:35

Tgt Ion: 88 Resp: 28178
 Ion Ratio Lower Upper
 88 100
 58 118.7 92.4 138.6
 43 41.5 33.0 49.6

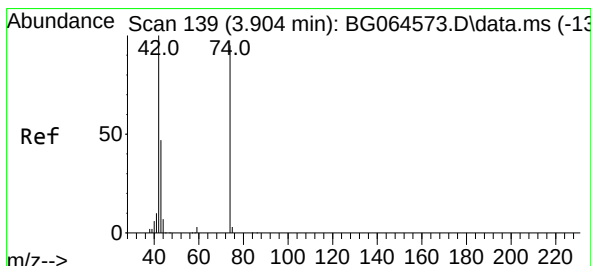
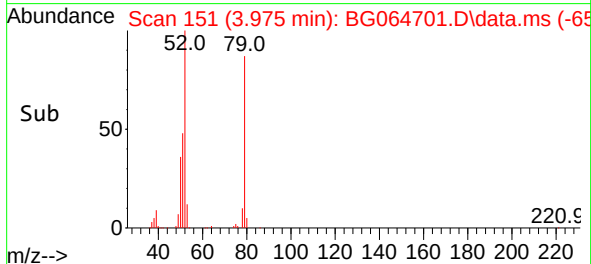
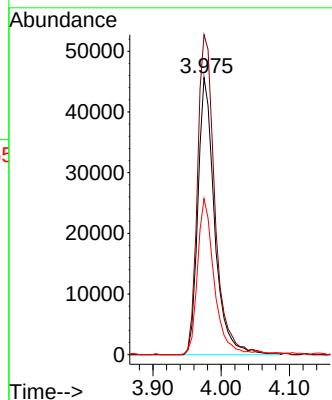
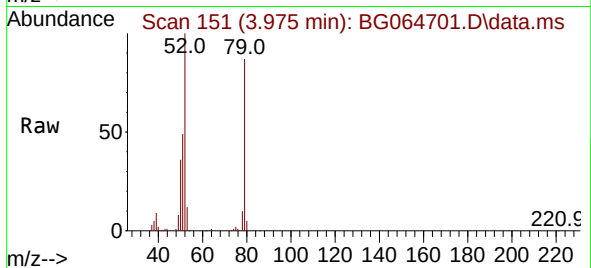




#3
Pyridine
Concen: 27.046 ng
RT: 3.975 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

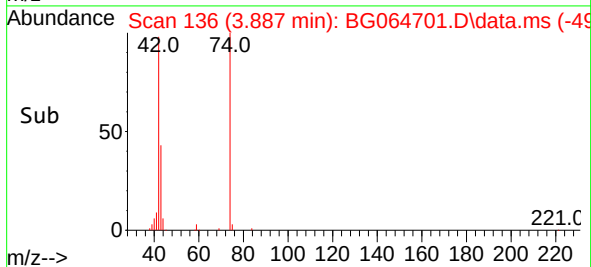
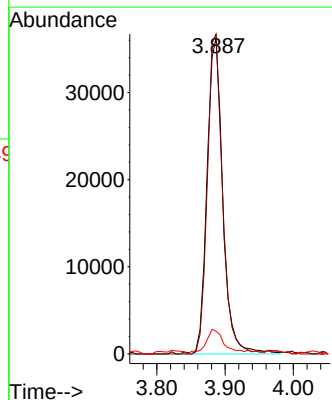
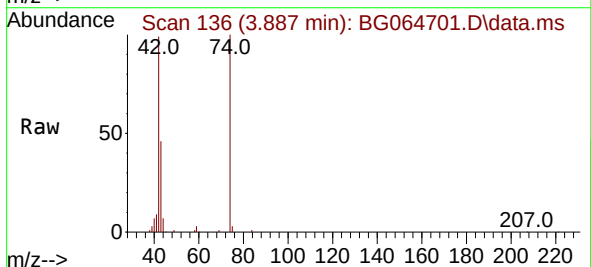
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ClientSampleId :
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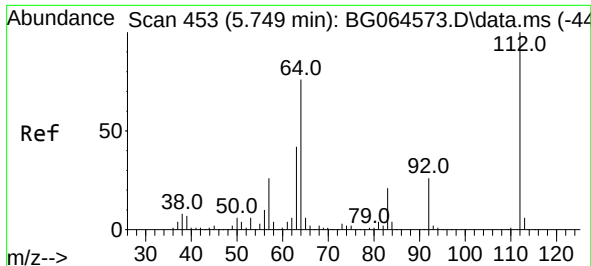
Tgt Ion: 79 Resp: 77567
Ion Ratio Lower Upper
79 100
52 115.4 94.2 141.2
51 56.3 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 37.879 ng
RT: 3.887 min Scan# 136
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion: 42 Resp: 58257
Ion Ratio Lower Upper
42 100
74 101.2 76.1 114.1
44 7.2 6.3 9.5

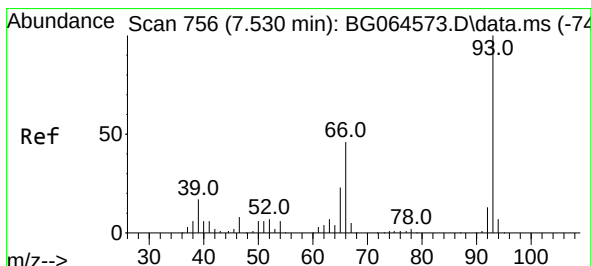
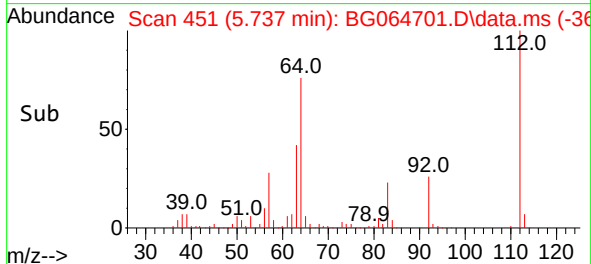
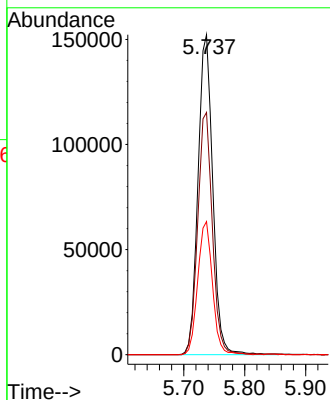
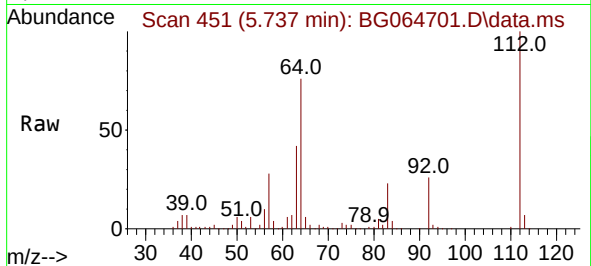




#5
2-Fluorophenol
Concen: 118.577 ng
RT: 5.737 min Scan# 411
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

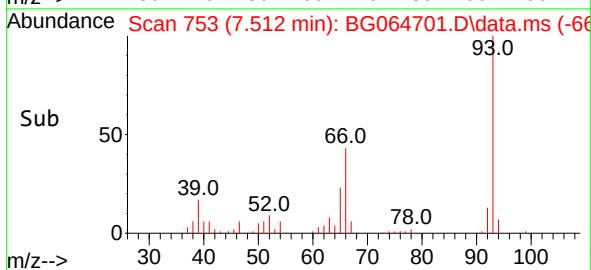
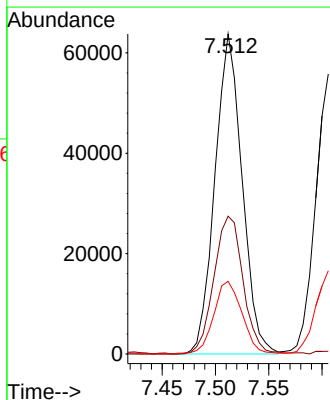
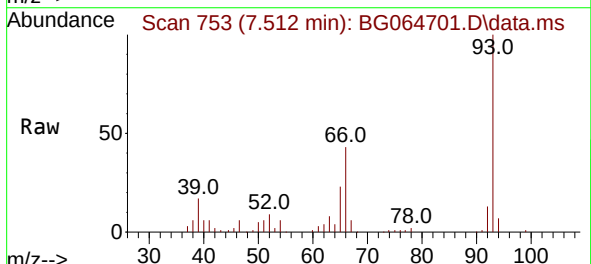
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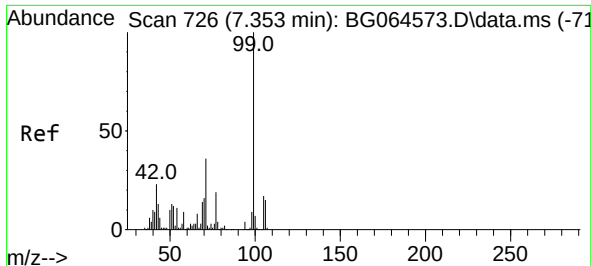
Tgt Ion:112 Resp: 255783
Ion Ratio Lower Upper
112 100
64 75.7 60.7 91.1
63 41.6 33.4 50.0



#6
Aniline
Concen: 28.011 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion: 93 Resp: 112821
Ion Ratio Lower Upper
93 100
66 43.1 37.0 55.6
65 22.7 18.3 27.5

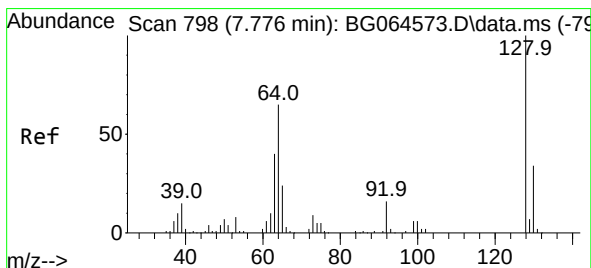
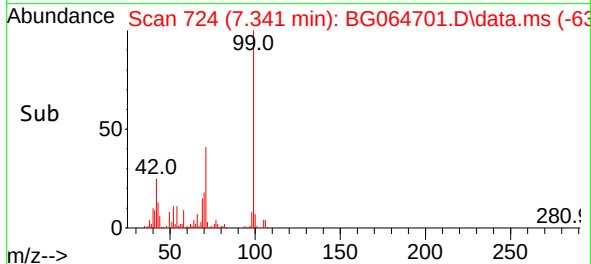
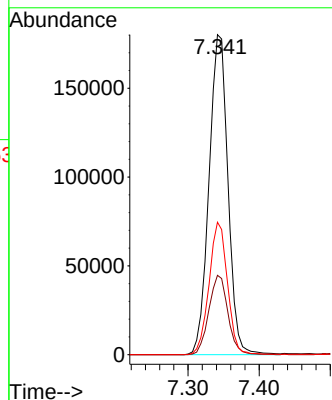
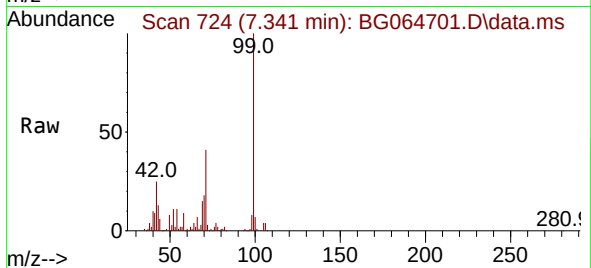




#7
Phenol-d6
Concen: 112.871 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

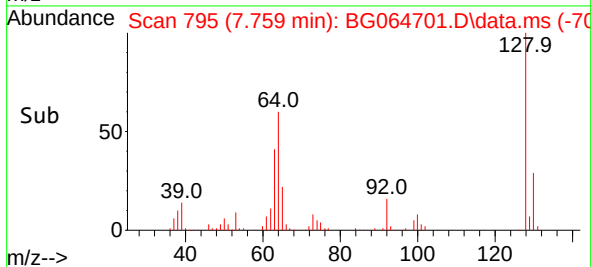
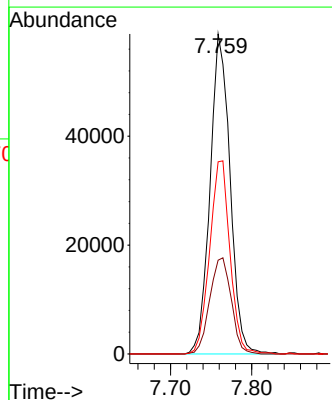
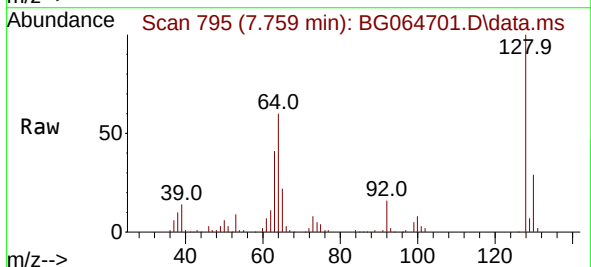
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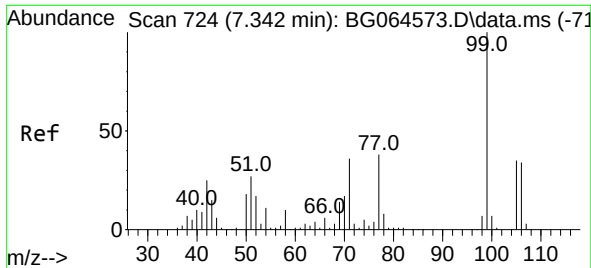
Tgt Ion: 99 Resp: 334098
Ion Ratio Lower Upper
99 100
42 24.8 18.3 27.5
71 41.4 28.6 43.0



#8
2-Chlorophenol
Concen: 44.447 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.018 min
Lab File: BG064701.D
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Tgt Ion: 128 Resp: 100355
Ion Ratio Lower Upper
128 100
130 29.3 13.5 53.5
64 60.0 45.2 85.2

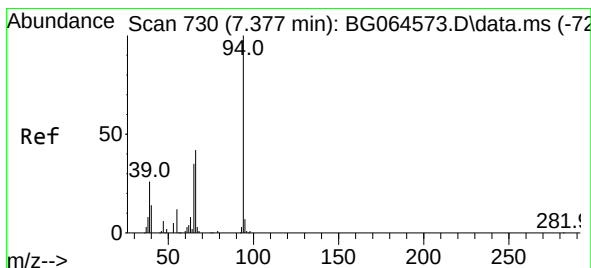
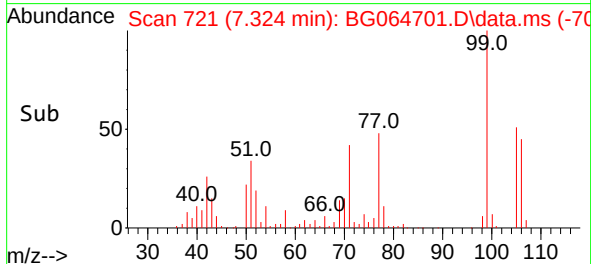
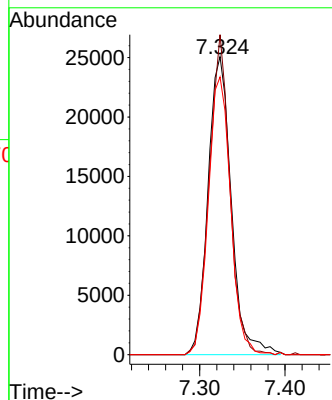
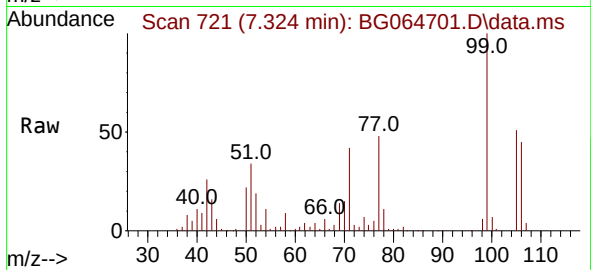




#9
Benzaldehyde
Concen: 29.417 ng
RT: 7.324 min Scan# 71
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

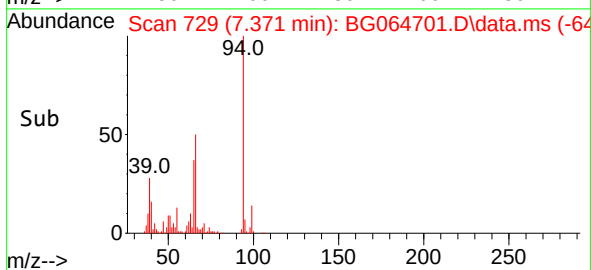
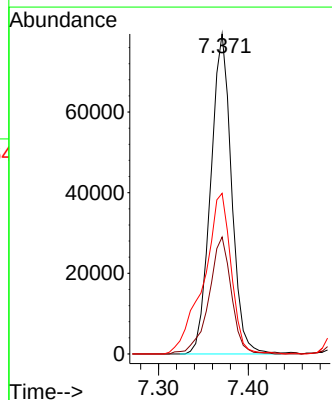
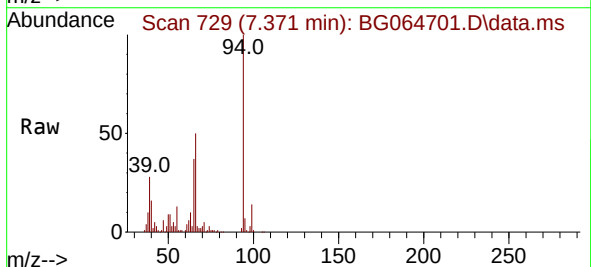
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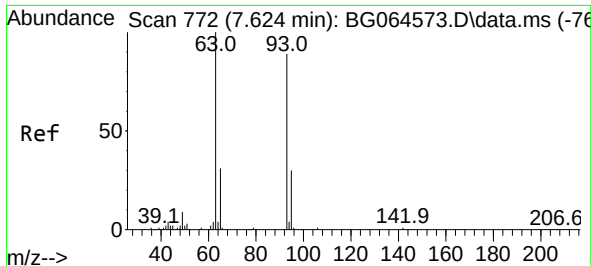
Tgt Ion: 77 Resp: 47538
Ion Ratio Lower Upper
77 100
105 107.3 72.9 112.9
106 93.2 70.8 110.8



#10
Phenol
Concen: 38.996 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG064701.D
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Tgt Ion: 94 Resp: 127653
Ion Ratio Lower Upper
94 100
65 36.6 15.8 55.8
66 50.2 24.0 64.0

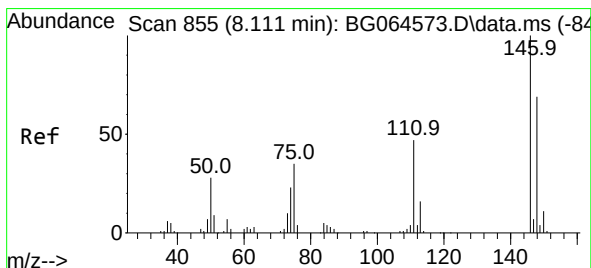
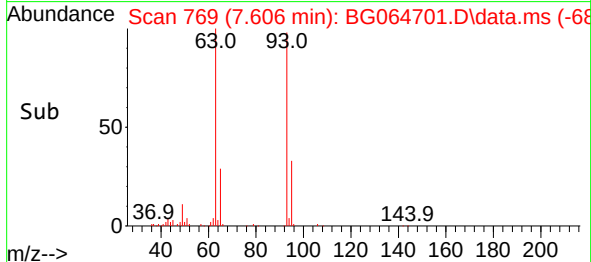
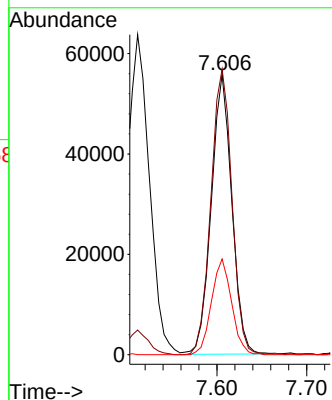
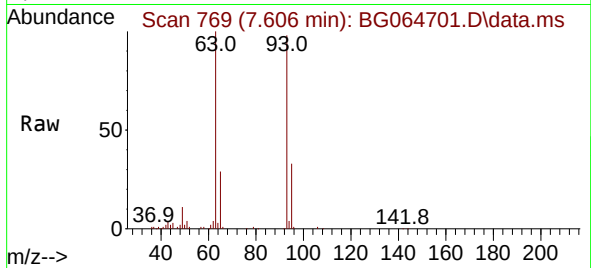




#11
bis(2-Chloroethyl)ether
Concen: 36.770 ng
RT: 7.606 min Scan# 769
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

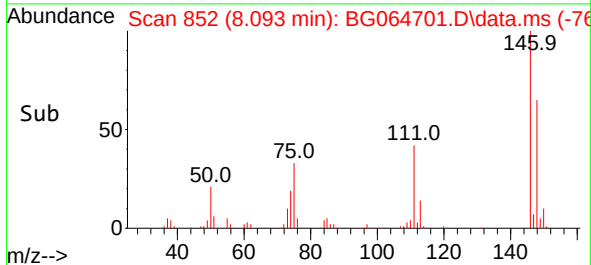
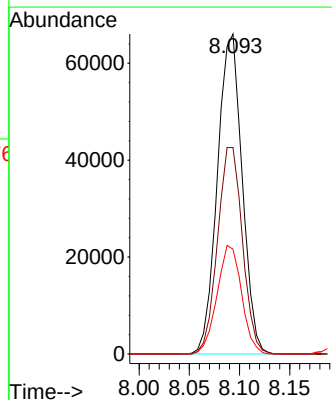
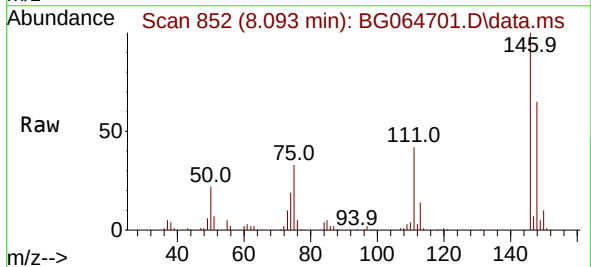
Instrument :
BNA_G
ClientSampleId :
PB170421BS

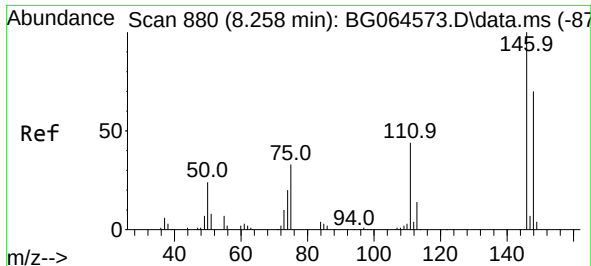
Tgt Ion: 93	Resp: 88497		
Ion Ratio	Lower	Upper	
93	100		
63	102.0	91.3	131.3
95	34.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 43.511 ng
RT: 8.093 min Scan# 852
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:146	Resp:	113072	
Ion	Ratio	Lower	Upper
146	100		
148	64.5	55.3	82.9
75	32.8	28.2	42.2

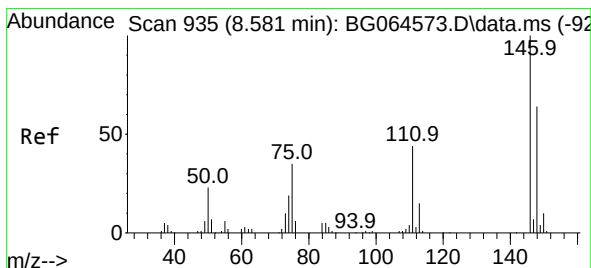
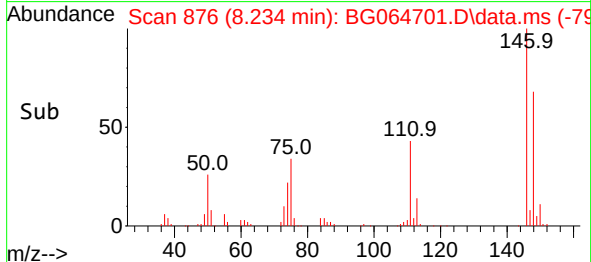
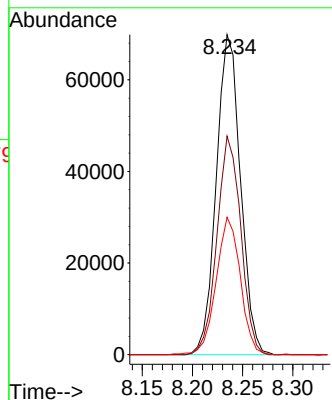
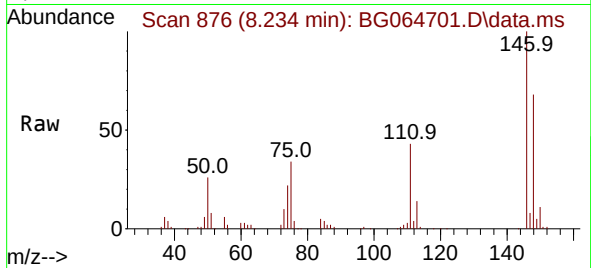




#13
1,4-Dichlorobenzene
Concen: 44.338 ng
RT: 8.234 min Scan# 81
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

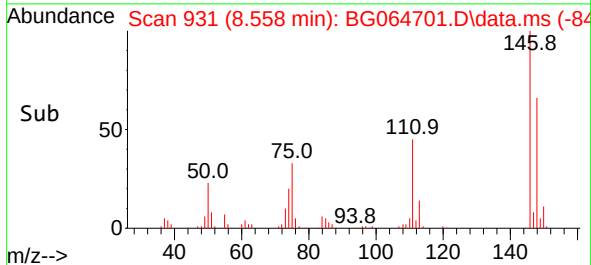
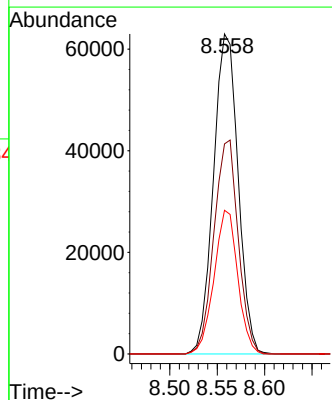
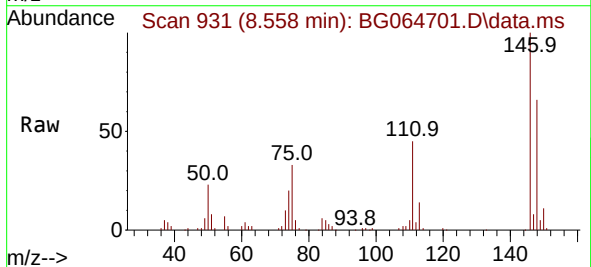
Instrument :
BNA_G
ClientSampleId :
PB170421BS

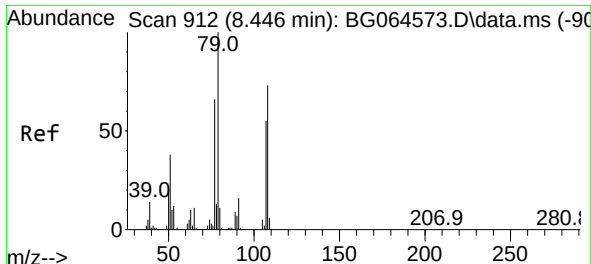
Tgt Ion:146 Resp: 117156
Ion Ratio Lower Upper
146 100
148 68.3 56.2 84.4
111 42.9 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 44.679 ng
RT: 8.558 min Scan# 931
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:146 Resp: 113870
Ion Ratio Lower Upper
146 100
148 65.6 51.5 77.3
111 44.9 35.0 52.6

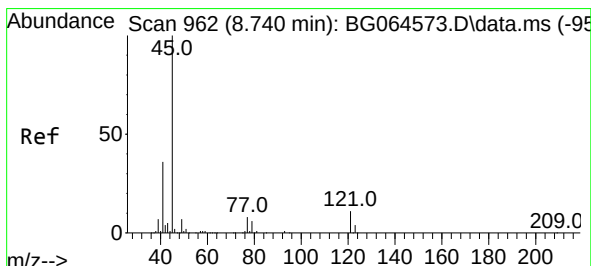
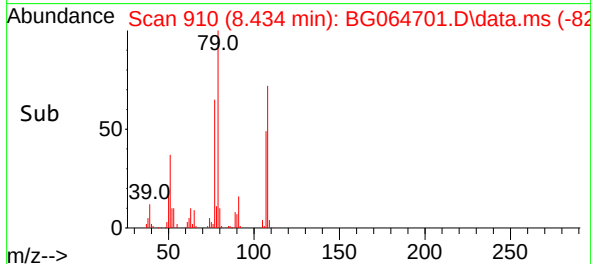
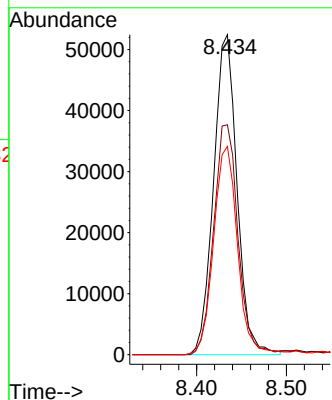
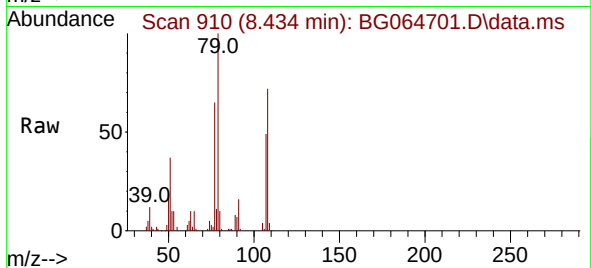




#15
Benzyl Alcohol
Concen: 38.995 ng
RT: 8.434 min Scan# 912
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

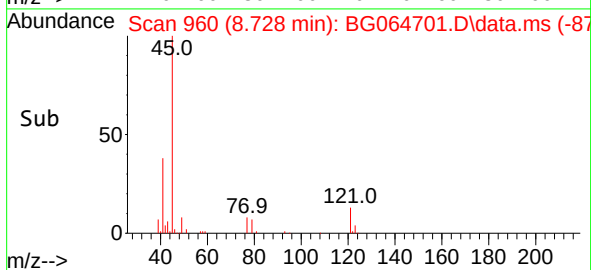
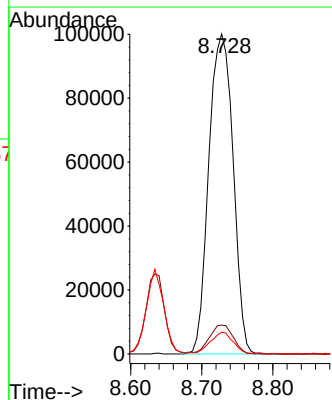
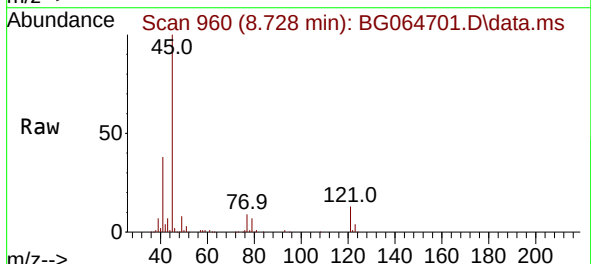
Instrument :
BNA_G
ClientSampleId :
PB170421BS

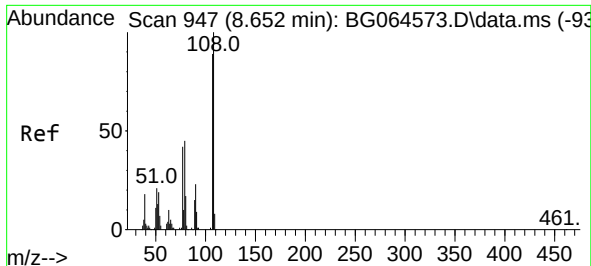
Tgt Ion: 79 Resp: 95183
Ion Ratio Lower Upper
79 100
108 71.8 58.1 87.1
77 65.1 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.570 ng
RT: 8.728 min Scan# 960
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion: 45 Resp: 237185
Ion Ratio Lower Upper
45 100
77 9.0 0.0 28.5
79 6.8 0.0 25.6

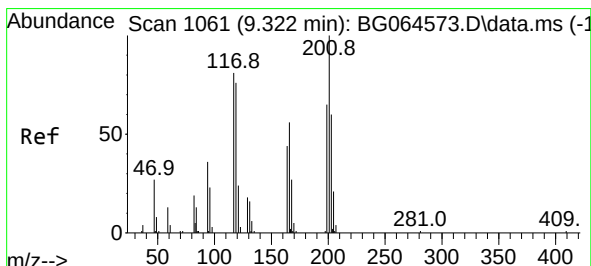
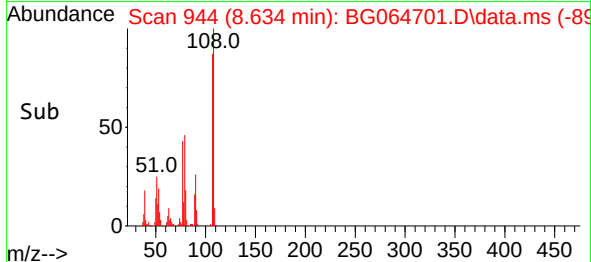
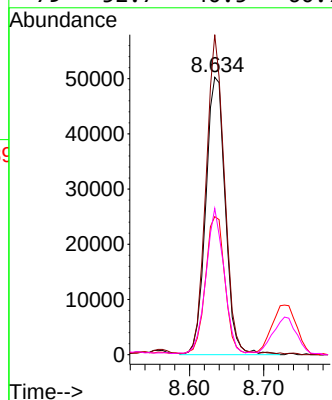
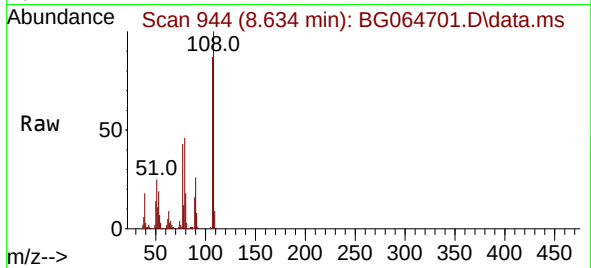




#17
2-Methylphenol
Concen: 42.451 ng
RT: 8.634 min Scan# 947
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

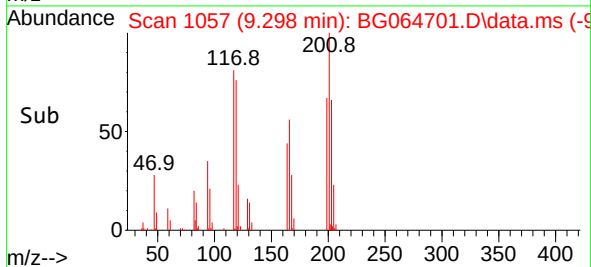
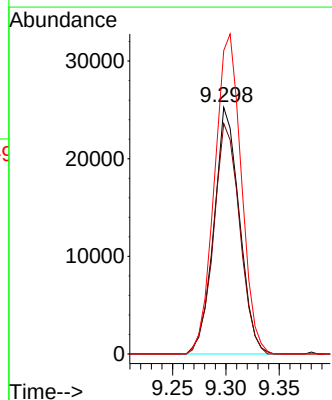
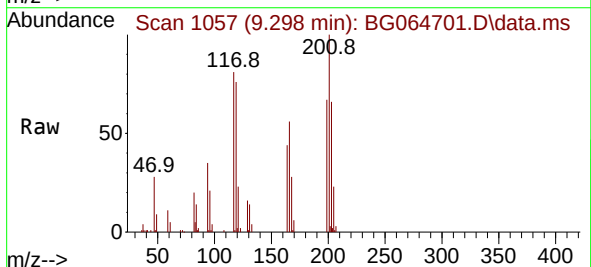
Instrument :
BNA_G
ClientSampleId :
PB170421BS

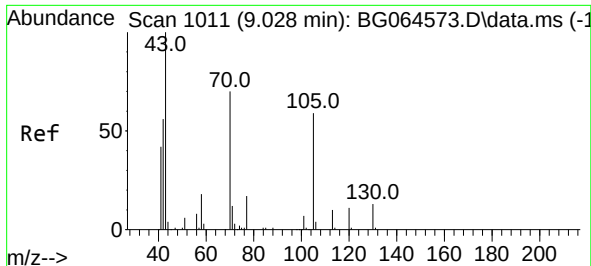
Tgt Ion:	107	Resp:	92264
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.0	135.0
77	49.8	37.8	56.8
79	52.7	40.5	60.7



#18
Hexachloroethane
Concen: 45.223 ng
RT: 9.298 min Scan# 1057
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:	117	Resp:	41934
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.4	113.2
201	127.2	99.2	148.8

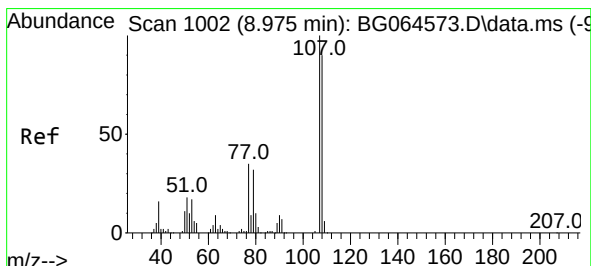
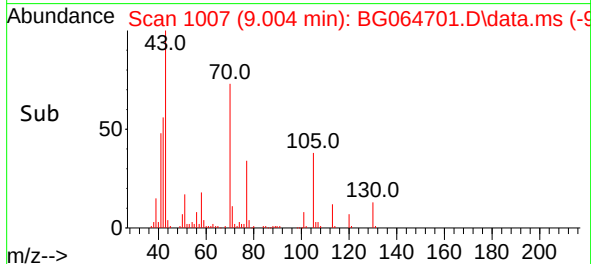
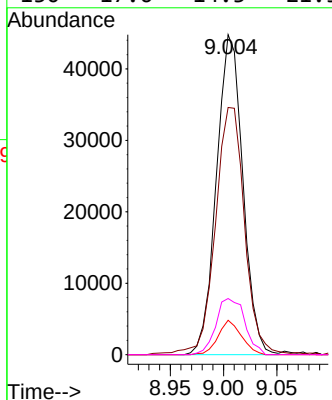
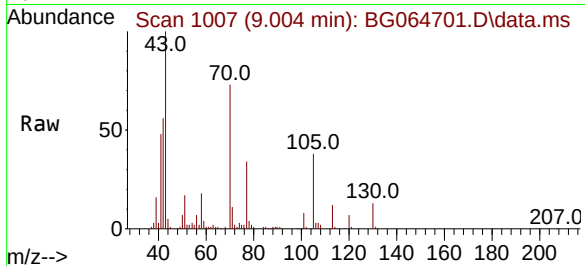




#19
n-Nitroso-di-n-propylamine
Concen: 37.643 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

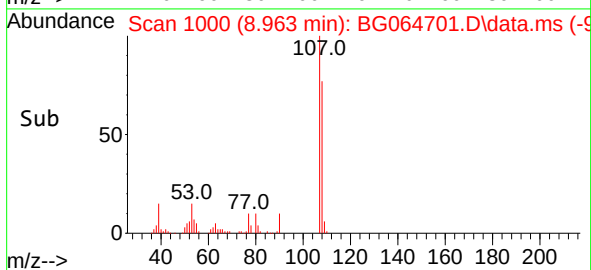
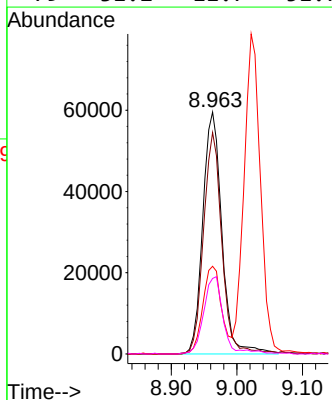
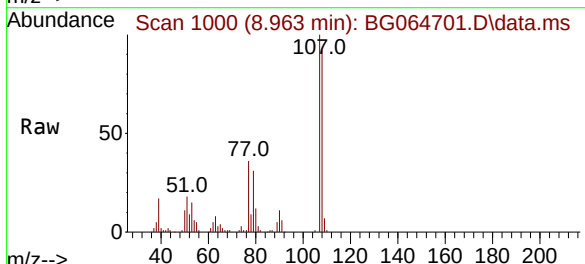
Instrument :
BNA_G
ClientSampleId :
PB170421BS

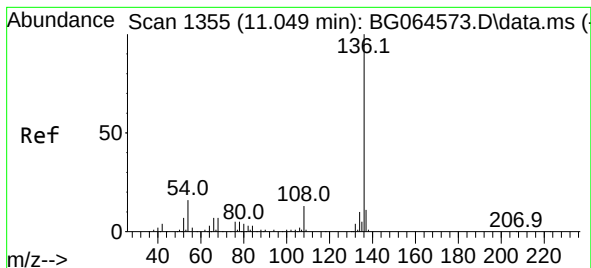
Tgt Ion:	70	Resp:	77006
Ion Ratio	Lower	Upper	
70	100		
42	77.2	65.2	97.8
101	10.8	7.9	11.9
130	17.6	14.3	21.5



#20
3+4-Methylphenols
Concen: 39.468 ng
RT: 8.963 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:	107	Resp:	120635
Ion Ratio	Lower	Upper	
107	100		
108	91.6	70.3	110.3
77	36.3	14.6	54.6
79	31.2	11.7	51.7

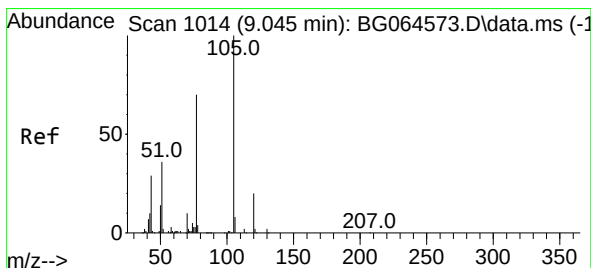
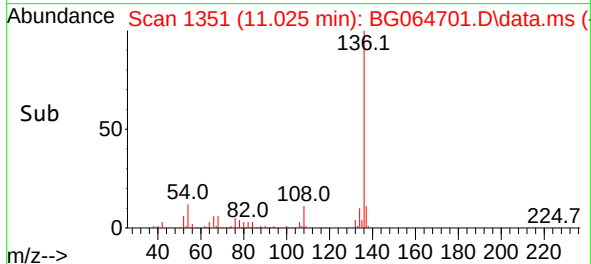
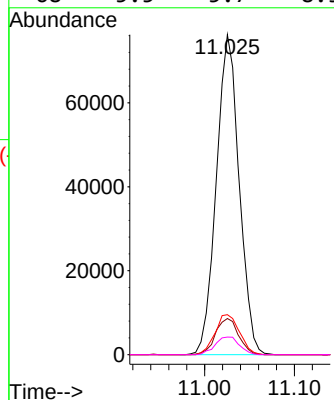
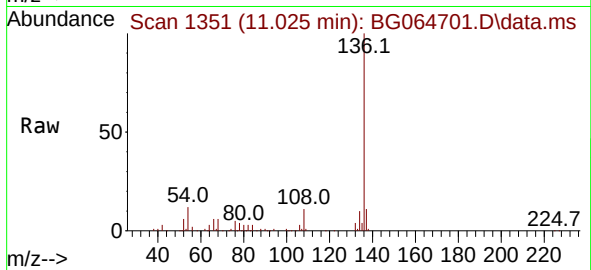




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

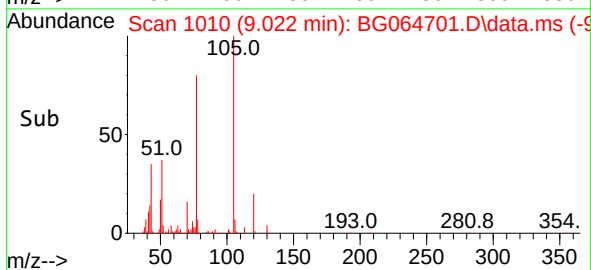
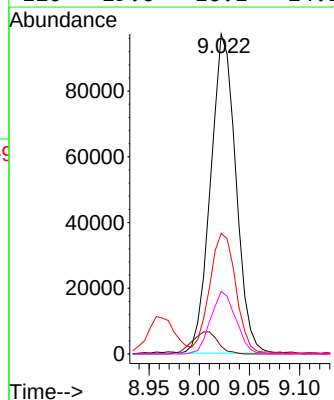
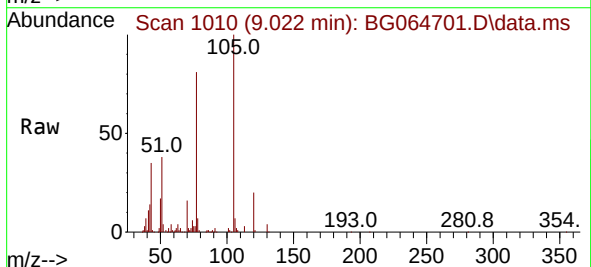
Instrument :
BNA_G
ClientSampleId :
PB170421BS

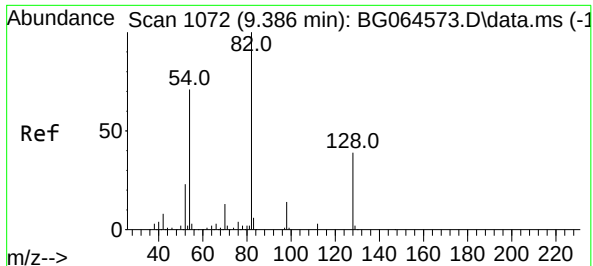
Tgt Ion:136 Resp: 134518
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 12.5 12.6 19.0#
68 5.5 5.7 8.5#



#22
Acetophenone
Concen: 46.184 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:105 Resp: 169826
Ion Ratio Lower Upper
105 100
71 2.4 1.5 2.3#
51 37.7 33.7 50.5
120 19.6 16.1 24.1

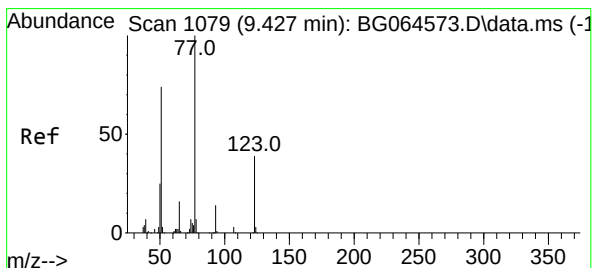
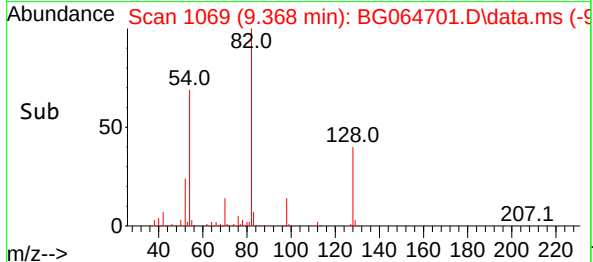
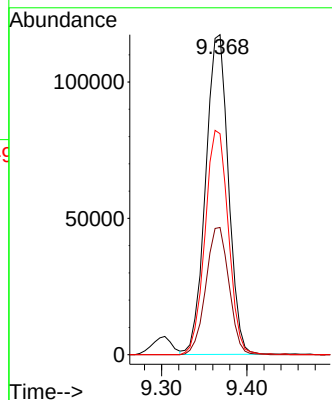
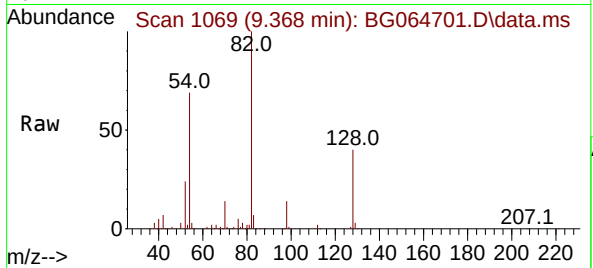




#23
Nitrobenzene-d5
Concen: 97.046 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

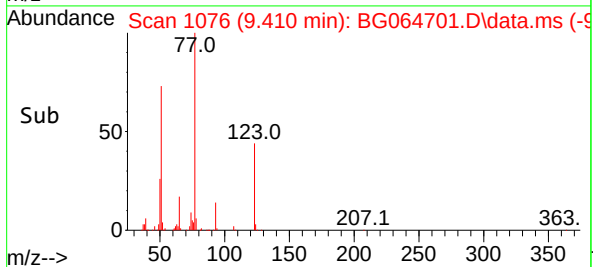
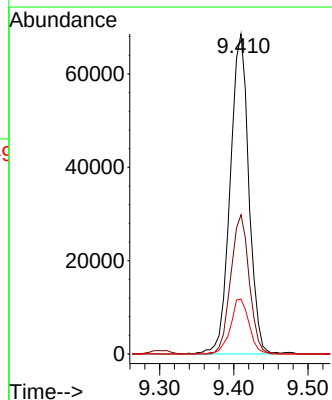
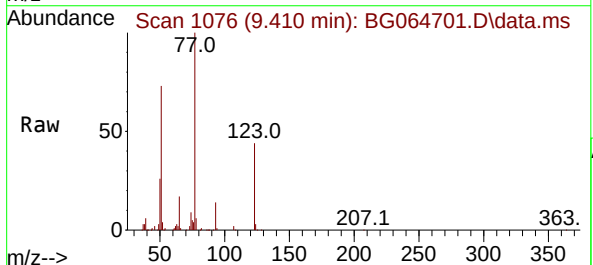
Instrument :
BNA_G
ClientSampleId :
PB170421BS

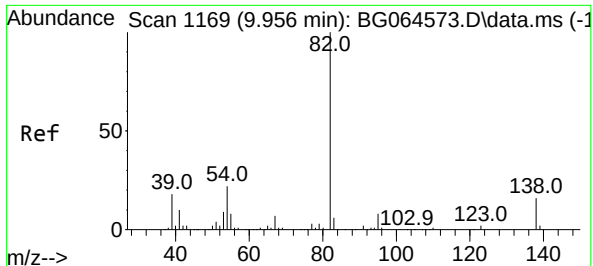
Tgt Ion: 82 Resp: 217347
Ion Ratio Lower Upper
82 100
128 39.8 31.3 46.9
54 69.1 56.6 84.8



#24
Nitrobenzene
Concen: 49.014 ng
RT: 9.410 min Scan# 1076
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion: 77 Resp: 119395
Ion Ratio Lower Upper
77 100
123 43.5 31.0 46.6
65 17.2 12.7 19.1

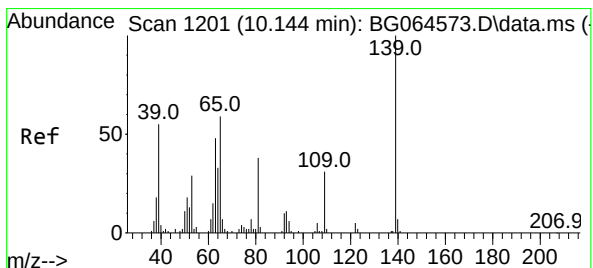
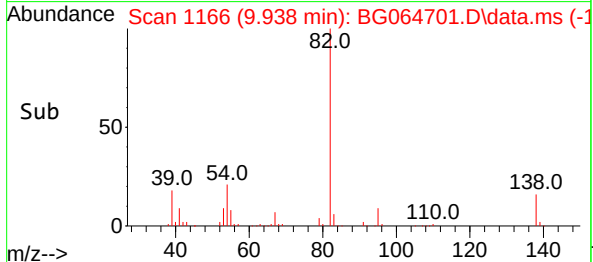
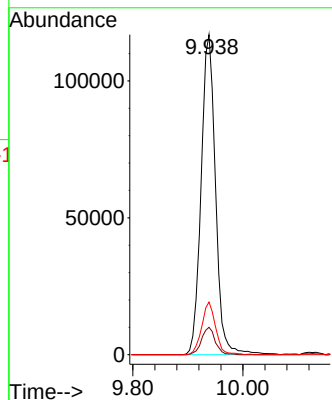
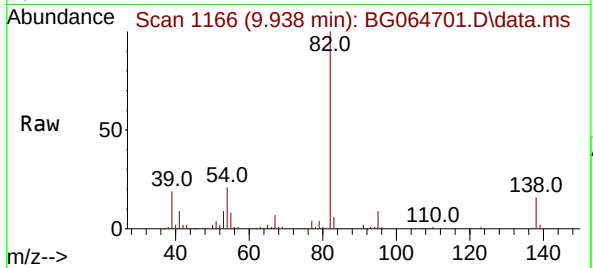




#25
Isophorone
Concen: 39.572 ng
RT: 9.938 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

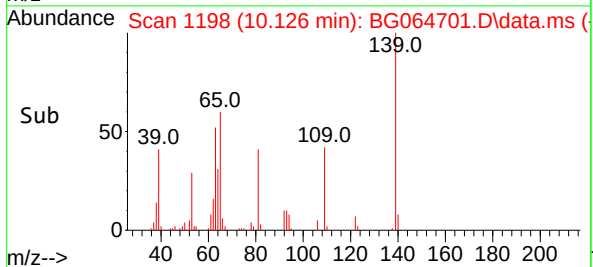
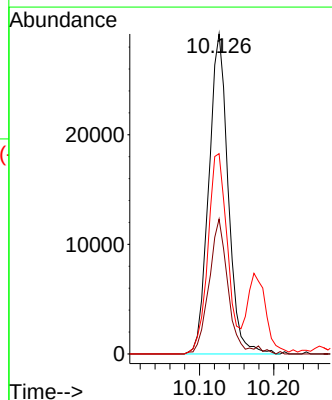
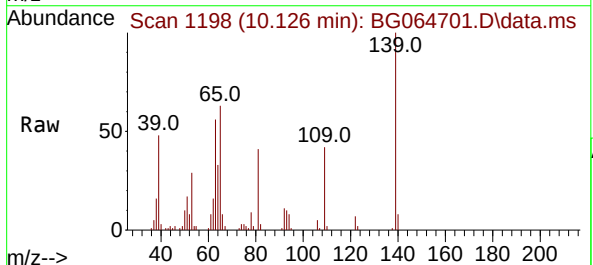
Instrument :
BNA_G
ClientSampleId :
PB170421BS

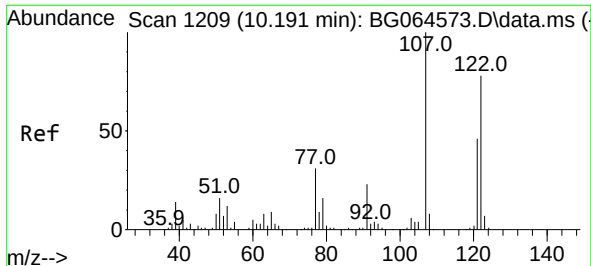
Tgt Ion: 82 Resp: 212663
Ion Ratio Lower Upper
82 100
95 8.6 6.1 9.1
138 16.4 13.0 19.4



#26
2-Nitrophenol
Concen: 55.734 ng
RT: 10.126 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion: 139 Resp: 52890
Ion Ratio Lower Upper
139 100
109 42.1 24.6 37.0#
65 62.6 47.5 71.3

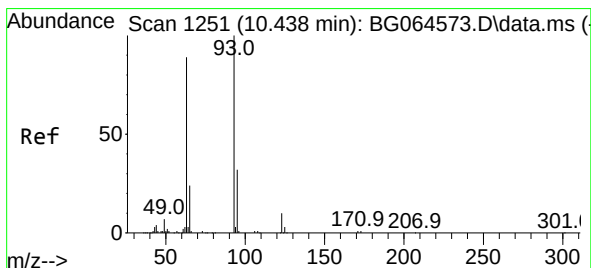
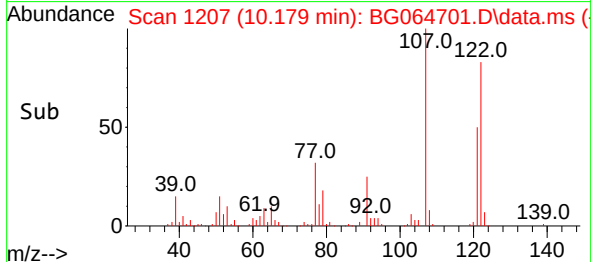
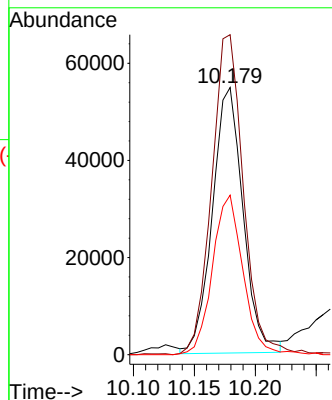
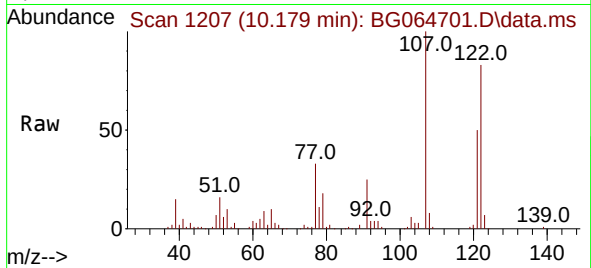




#27
2,4-Dimethylphenol
Concen: 48.046 ng
RT: 10.179 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

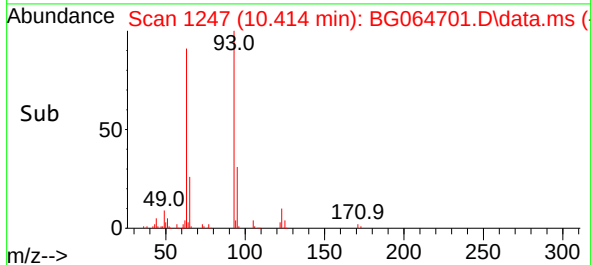
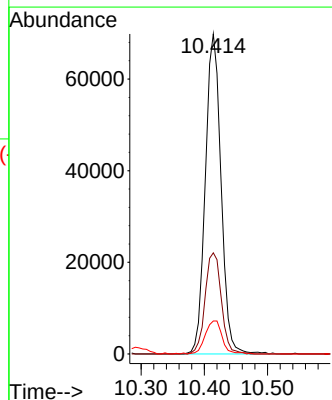
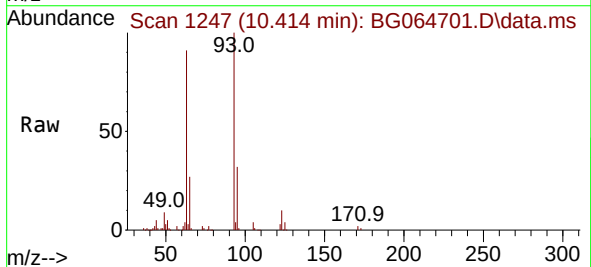
Instrument :
BNA_G
ClientSampleId :
PB170421BS

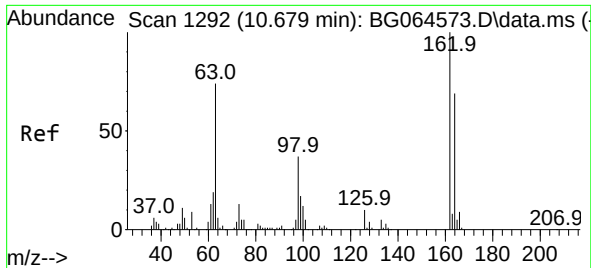
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.8	103.0	154.4
121	59.7	47.8	71.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.413 ng
RT: 10.414 min Scan# 1247
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.2
123	10.3	8.4	12.6

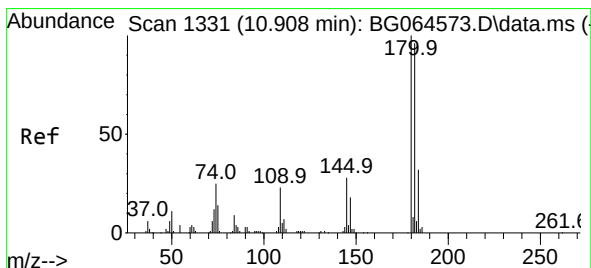
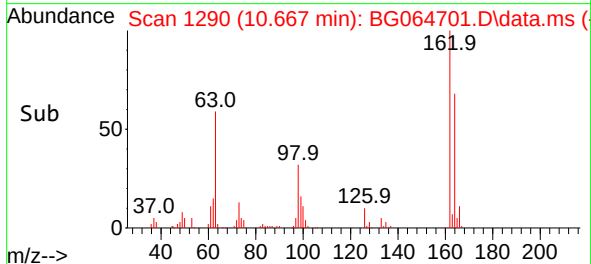
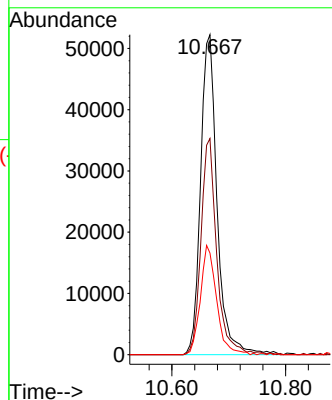
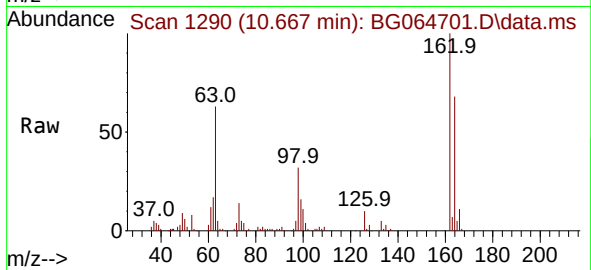




#29
2,4-Dichlorophenol
Concen: 48.957 ng
RT: 10.667 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

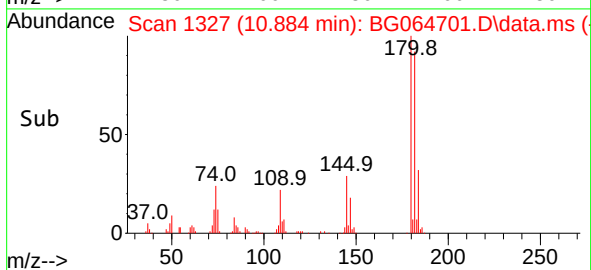
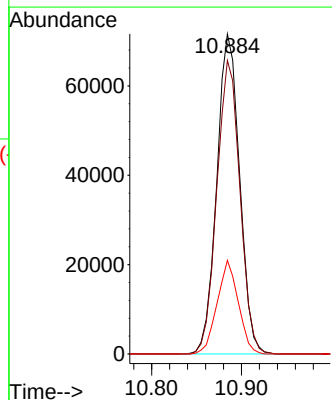
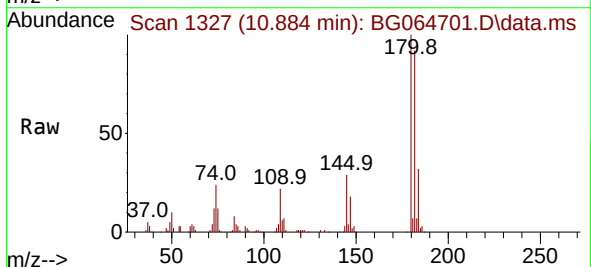
Instrument :
BNA_G
ClientSampleId :
PB170421BS

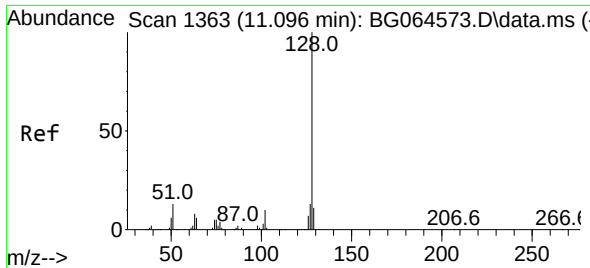
Tgt Ion:162 Resp: 105323
Ion Ratio Lower Upper
162 100
164 67.6 48.7 88.7
98 31.7 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 51.688 ng
RT: 10.884 min Scan# 1327
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:180 Resp: 126344
Ion Ratio Lower Upper
180 100
182 91.7 76.9 115.3
145 29.3 22.1 33.1

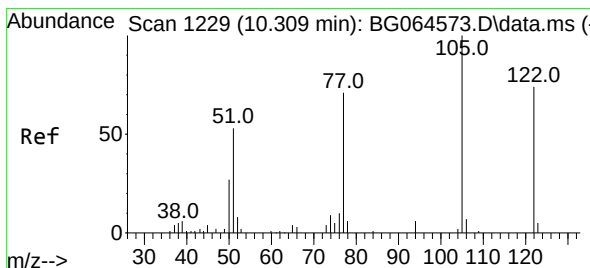
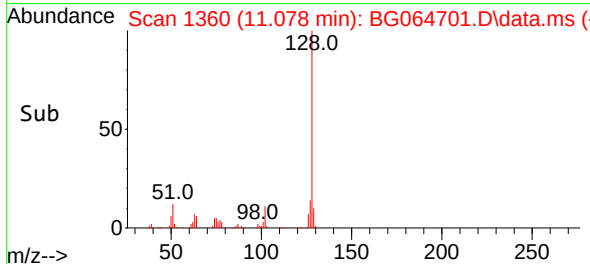
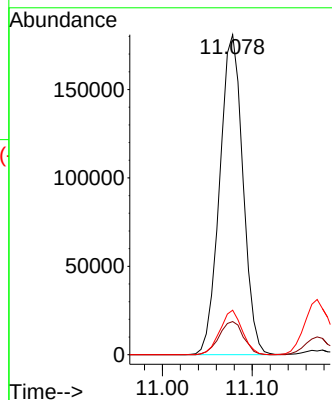
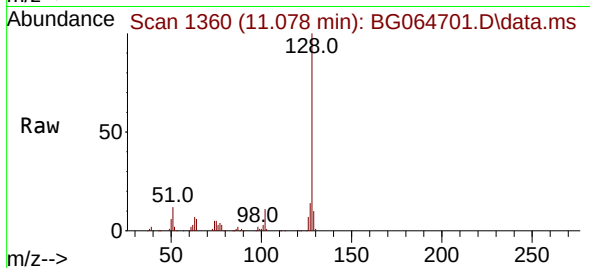




#31
Naphthalene
Concen: 43.572 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

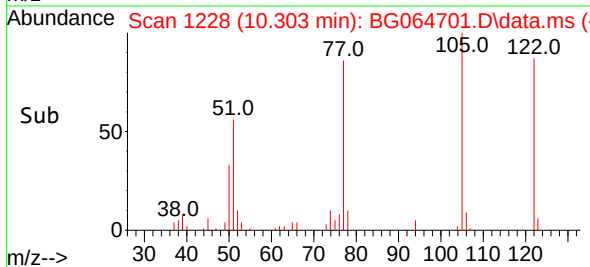
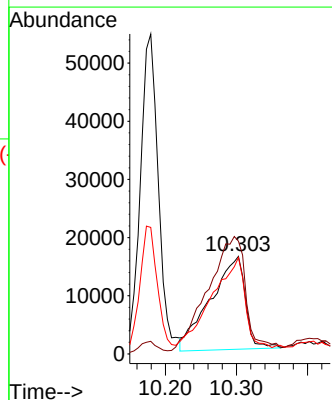
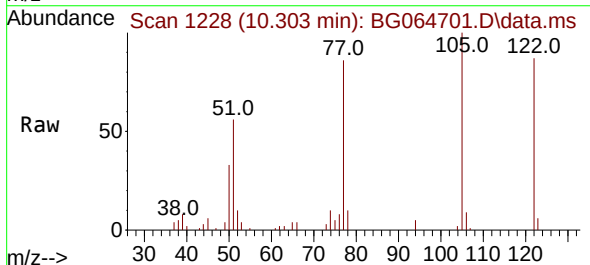
Instrument :
BNA_G
ClientSampleId :
PB170421BS

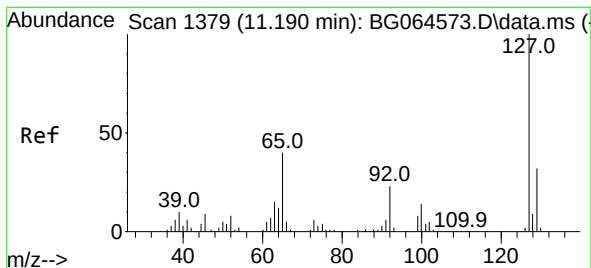
Tgt Ion:128 Resp: 324969
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.9 10.6 15.8



#32
Benzoic acid
Concen: 37.315 ng
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:122 Resp: 54465
Ion Ratio Lower Upper
122 100
105 115.4 104.2 144.2
77 98.7 70.2 110.2

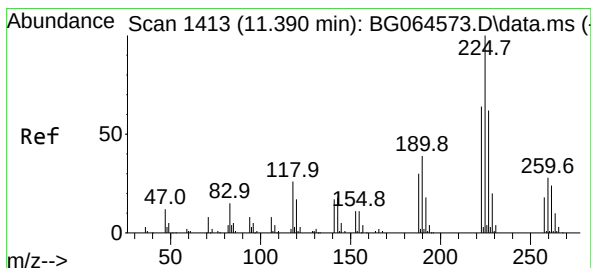
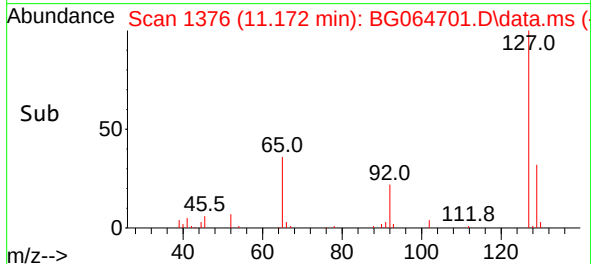
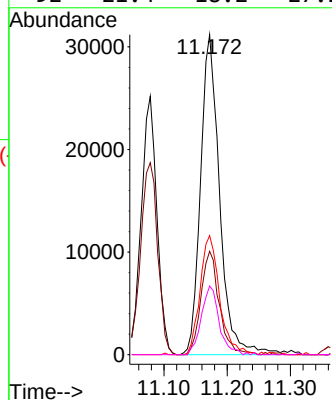
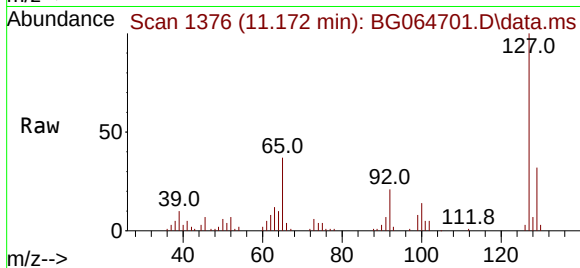




#33
4-Chloroaniline
Concen: 22.547 ng
RT: 11.172 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

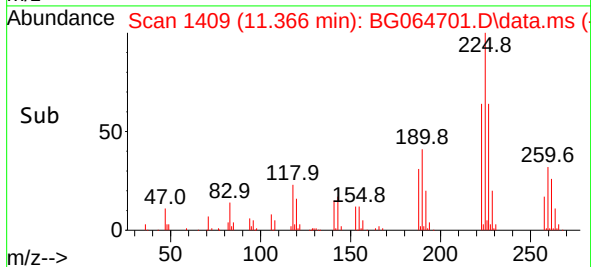
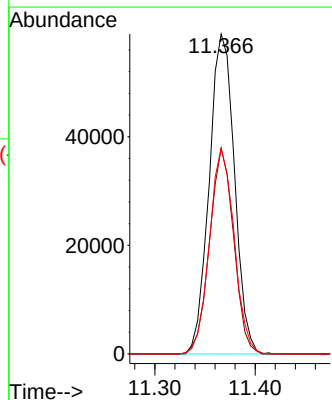
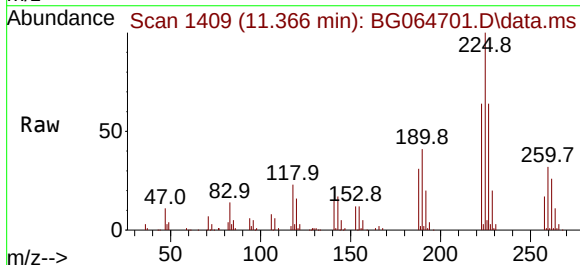
Instrument :
BNA_G
ClientSampleId :
PB170421BS

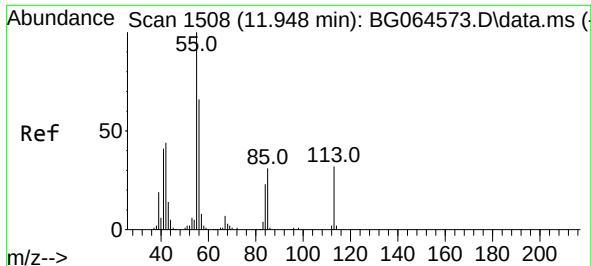
Tgt Ion:	127	Resp:	65360
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.5	38.3
65	37.2	32.2	48.4
92	21.4	18.2	27.2



#34
Hexachlorobutadiene
Concen: 53.924 ng
RT: 11.366 min Scan# 1409
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

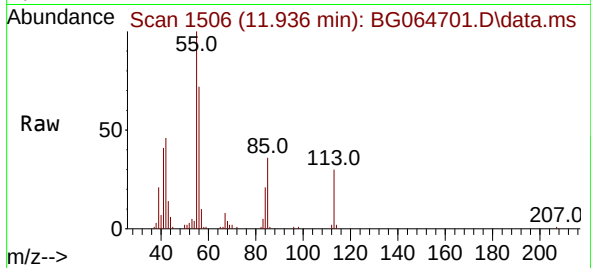
Tgt Ion:	225	Resp:	103081
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	67.6	49.5	74.3



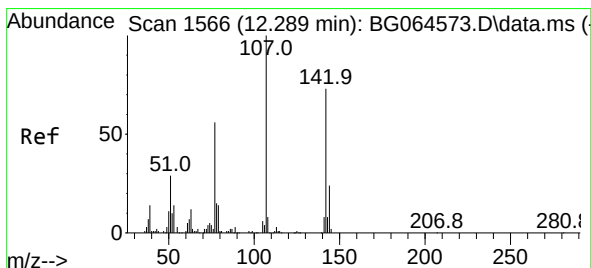
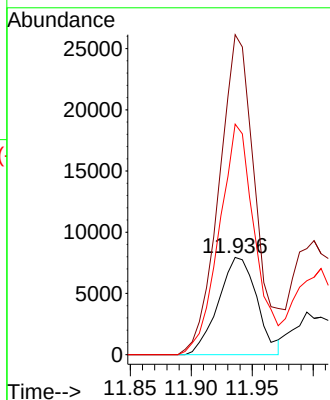
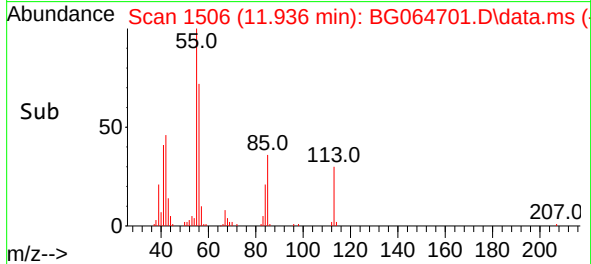


#35
Caprolactam
Concen: 21.136 ng
RT: 11.936 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Instrument :
BNA_G
ClientSampleId :
PB170421BS

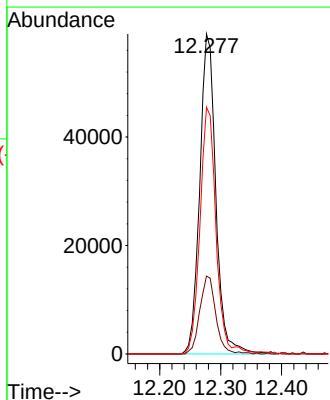
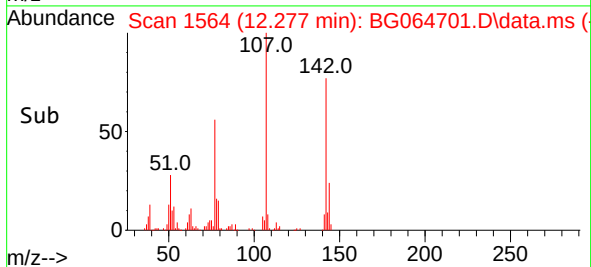
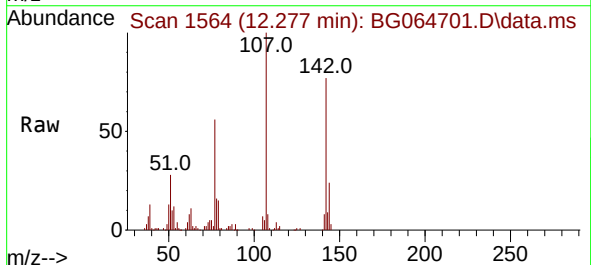


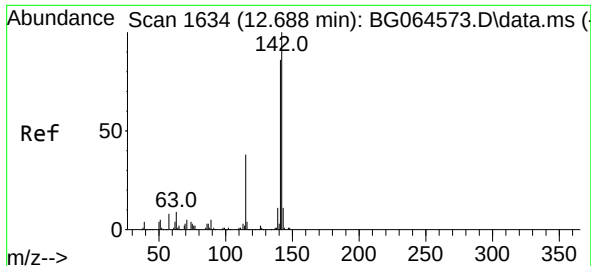
Tgt Ion:113 Resp: 17440
Ion Ratio Lower Upper
113 100
55 329.1 290.1 330.1
56 237.1 183.8 223.8#



#36
4-Chloro-3-methylphenol
Concen: 41.982 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:107 Resp: 108563
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 77.1 58.6 87.8

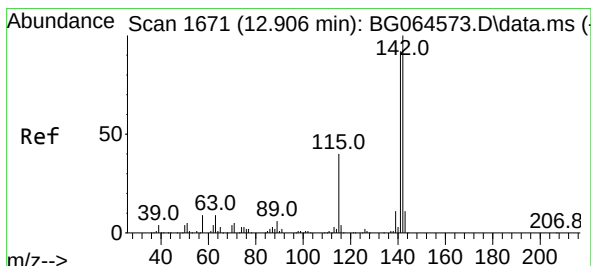
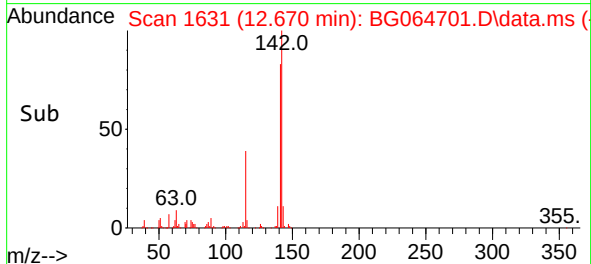
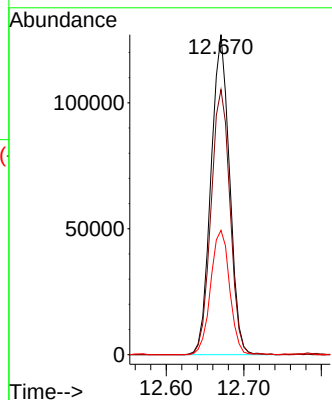
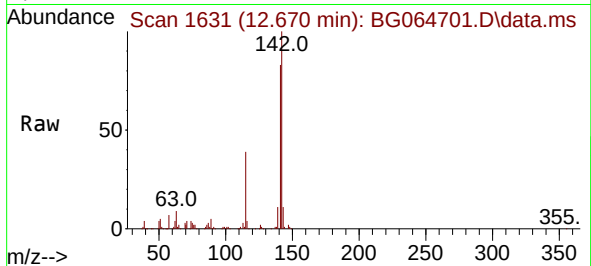




#37
2-Methylnaphthalene
Concen: 38.595 ng
RT: 12.670 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

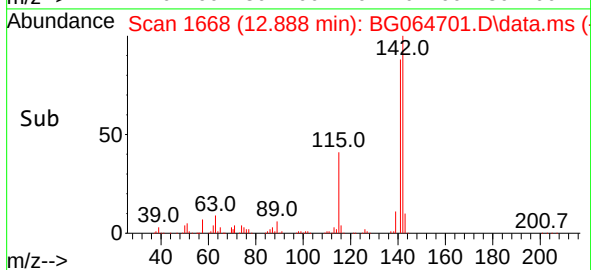
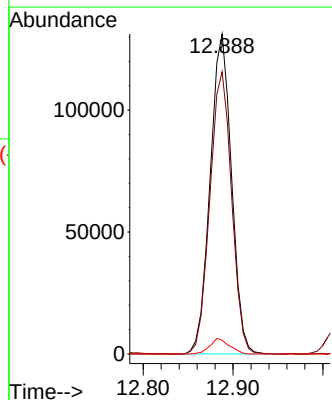
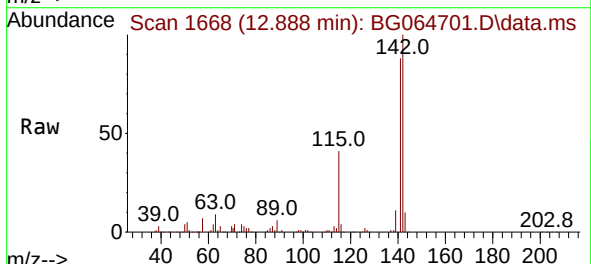
Instrument :
BNA_G
ClientSampleId :
PB170421BS

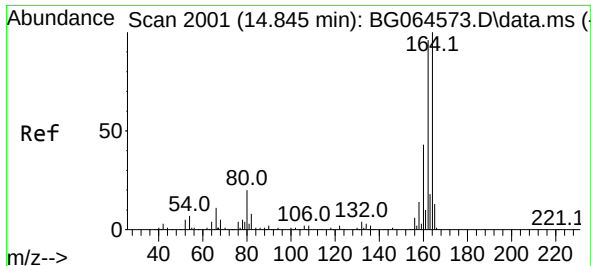
Tgt Ion:142 Resp: 211333
Ion Ratio Lower Upper
142 100
141 82.8 68.9 103.3
115 38.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 39.959 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:142 Resp: 216607
Ion Ratio Lower Upper
142 100
141 88.2 73.3 109.9
116 4.3 3.1 4.7

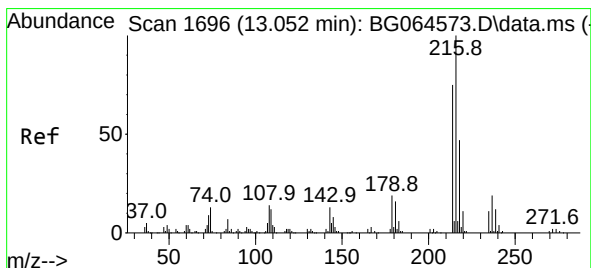
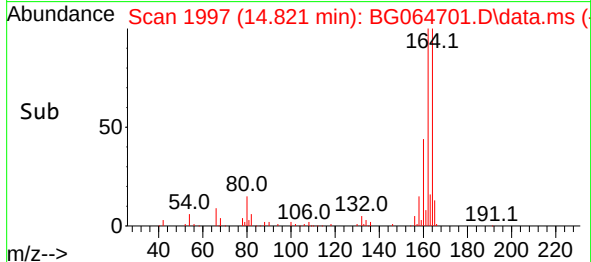
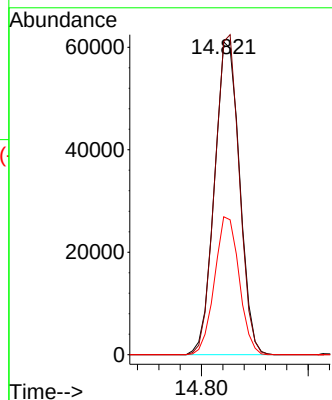
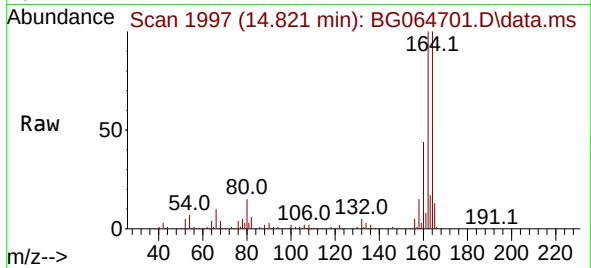




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.821 min Scan# 1997
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

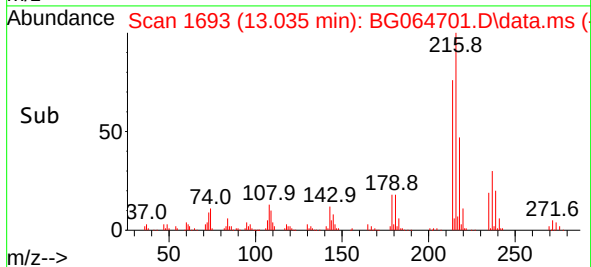
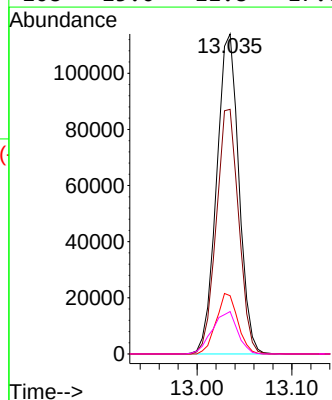
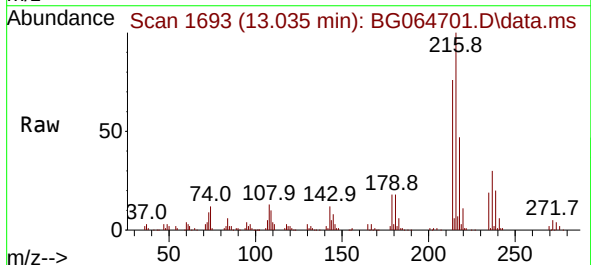
Instrument :
BNA_G
ClientSampleId :
PB170421BS

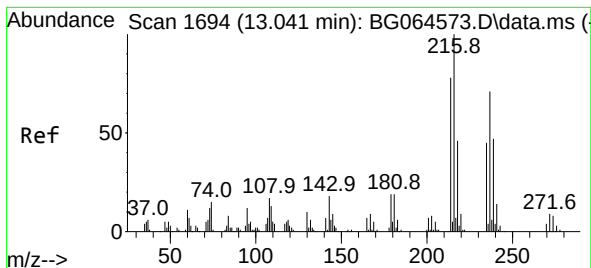
Tgt Ion:164 Resp: 99892
Ion Ratio Lower Upper
164 100
162 100.1 77.0 115.6
160 44.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.534 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:216 Resp: 186176
Ion Ratio Lower Upper
216 100
214 76.6 61.4 92.2
179 18.2 15.4 23.0
108 15.0 11.8 17.6

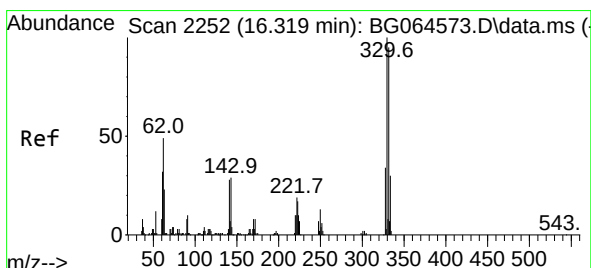
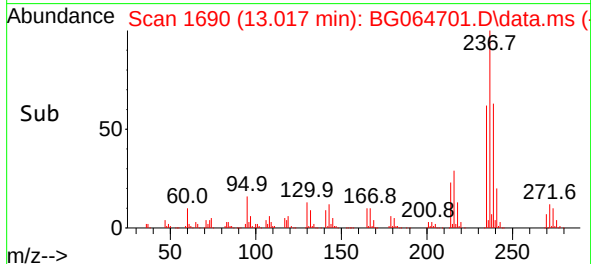
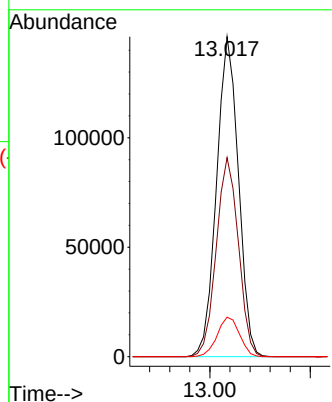
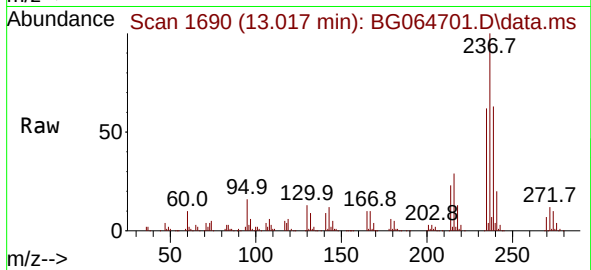




#41
Hexachlorocyclopentadiene
Concen: 146.349 ng
RT: 13.017 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

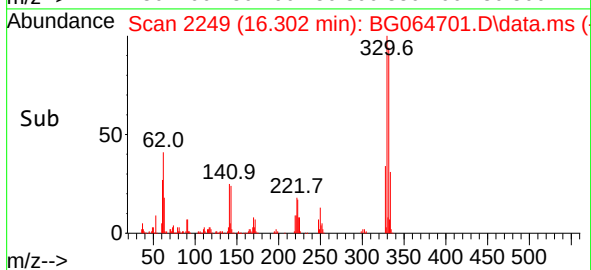
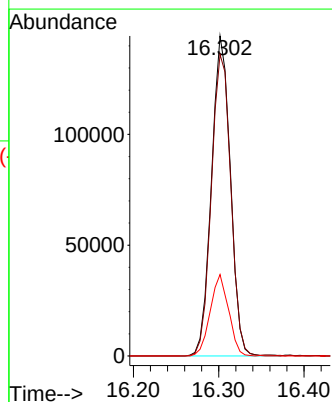
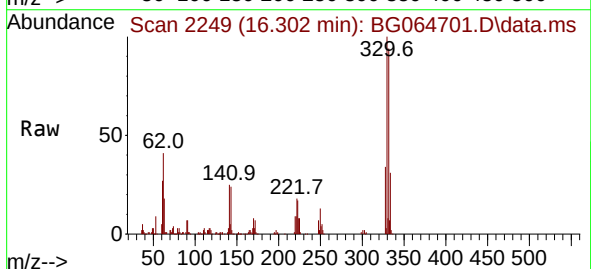
Instrument :
BNA_G
ClientSampleId :
PB170421BS

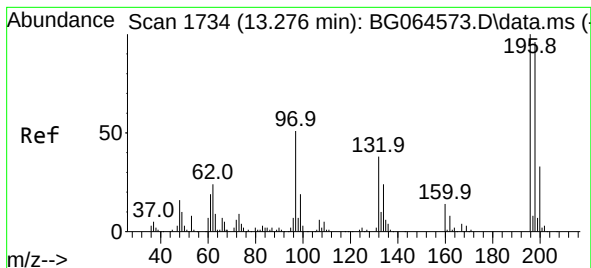
Tgt Ion:237 Resp: 220835
Ion Ratio Lower Upper
237 100
235 62.2 44.1 84.1
272 12.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 154.405 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:330 Resp: 222612
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 24.7 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 53.003 ng

RT: 13.264 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

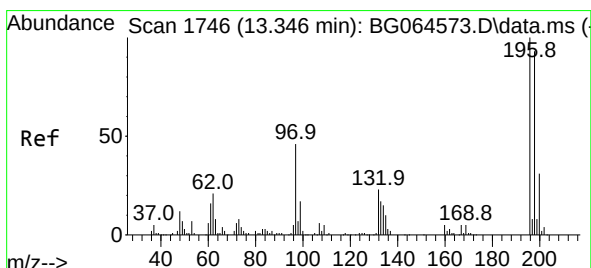
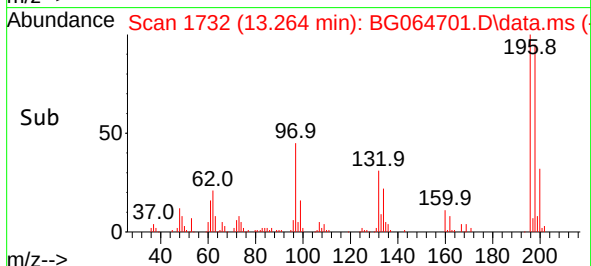
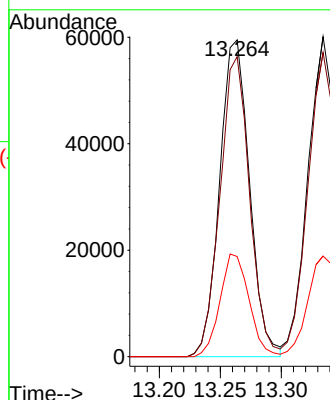
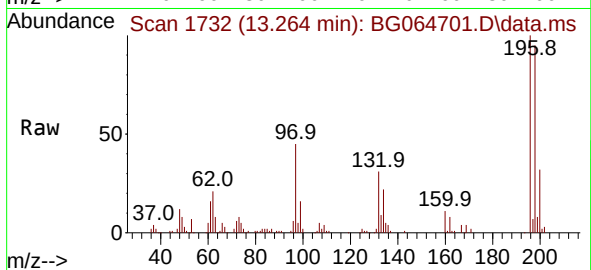
Tgt Ion:196 Resp: 101641

Ion Ratio Lower Upper

196 100

198 94.7 76.6 115.0

200 31.6 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 49.325 ng

RT: 13.334 min Scan# 1744

Delta R.T. -0.012 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Tgt Ion:196 Resp: 109152

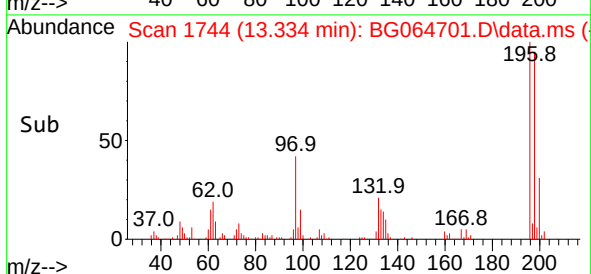
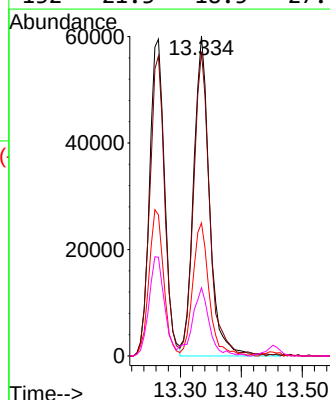
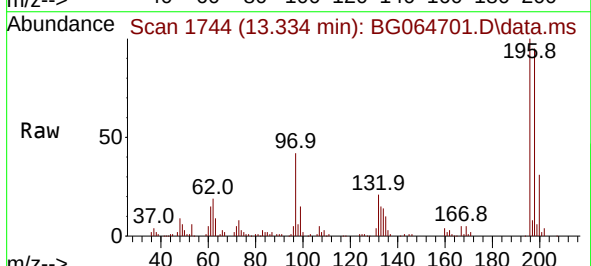
Ion Ratio Lower Upper

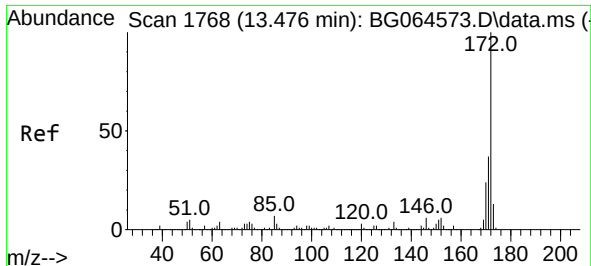
196 100

198 95.0 74.2 111.4

97 41.5 37.0 55.6

132 21.3 18.5 27.7

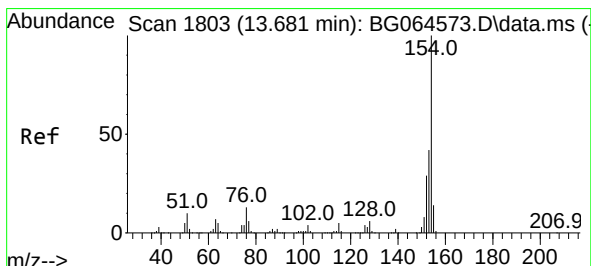
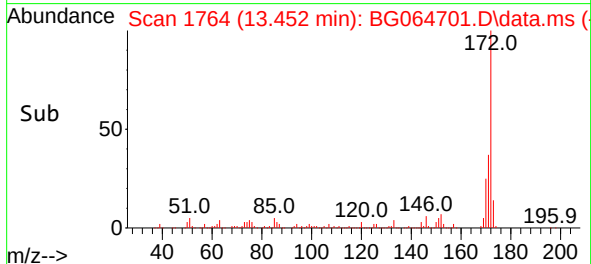
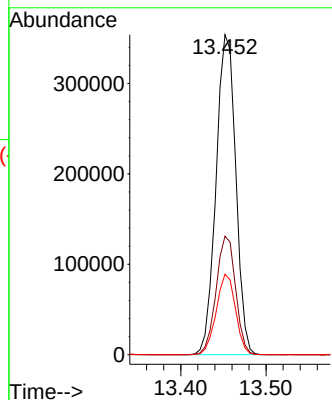
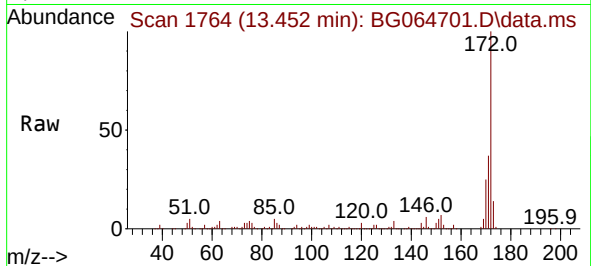




#45
2-Fluorobiphenyl
Concen: 86.351 ng
RT: 13.452 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

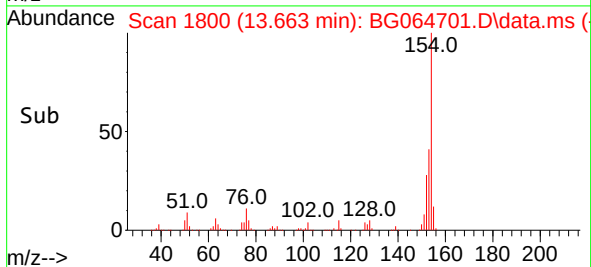
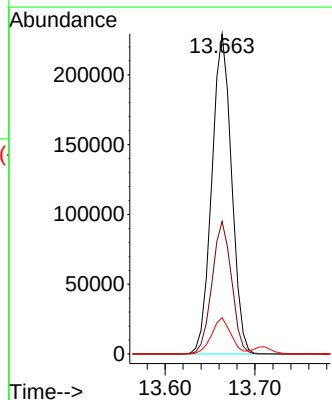
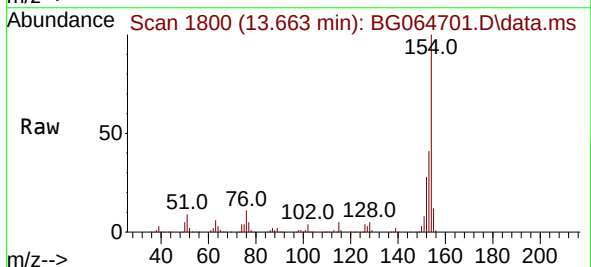
Instrument :
BNA_G
ClientSampleId :
PB170421BS

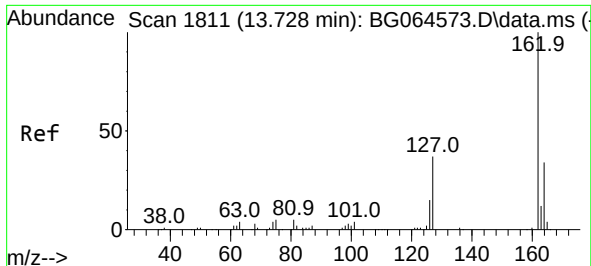
Tgt Ion:172 Resp: 569076
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 25.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 49.374 ng
RT: 13.663 min Scan# 1800
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:154 Resp: 350637
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 11.3 0.0 33.5

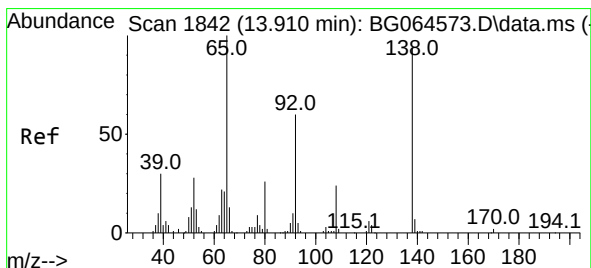
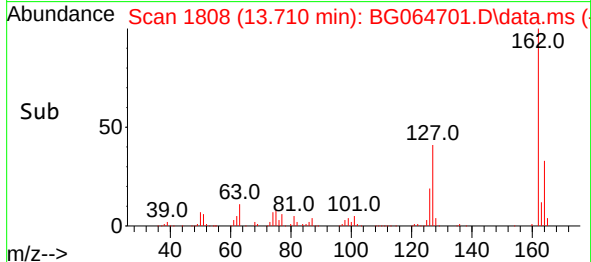
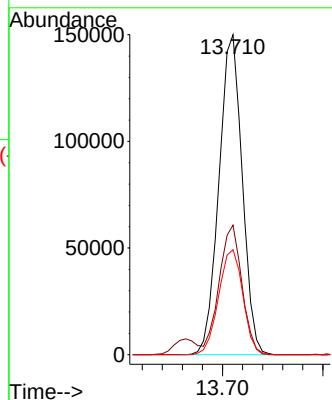
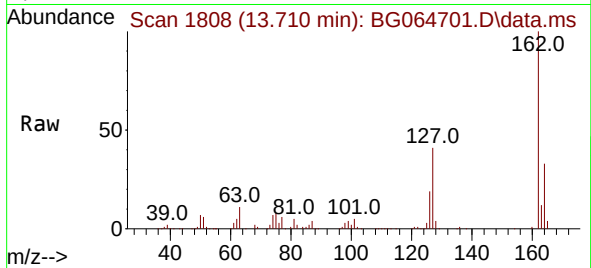




#47
2-Chloronaphthalene
Concen: 44.926 ng
RT: 13.710 min Scan# 1808
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

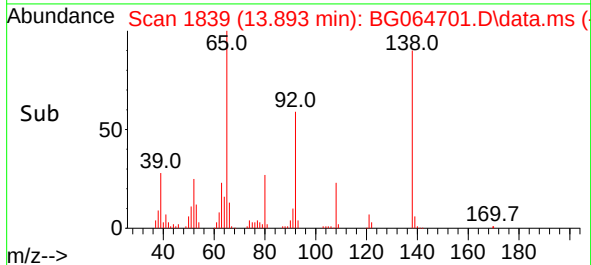
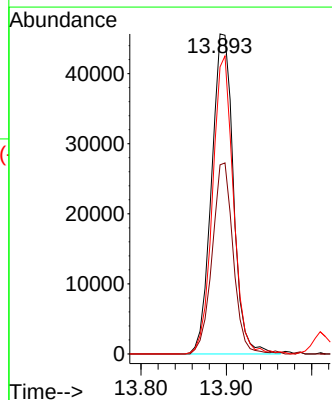
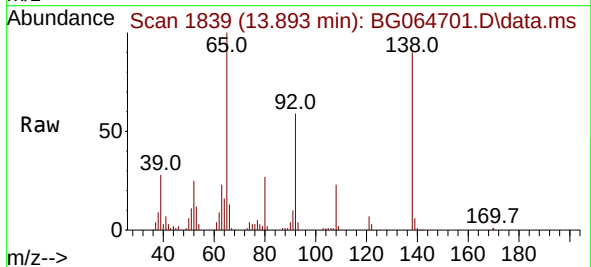
Instrument :
BNA_G
ClientSampleId :
PB170421BS

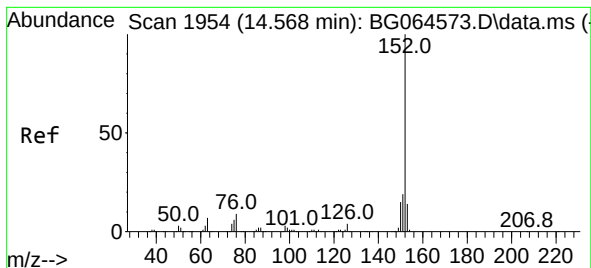
Tgt Ion:162 Resp: 240829
Ion Ratio Lower Upper
162 100
127 40.5 32.2 48.2
164 32.8 27.5 41.3



#48
2-Nitroaniline
Concen: 45.206 ng
RT: 13.893 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion: 65 Resp: 80989
Ion Ratio Lower Upper
65 100
92 59.1 48.3 72.5
138 89.7 74.9 112.3





#49

Acenaphthylene

Concen: 49.532 ng

RT: 14.551 min Scan# 1951

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

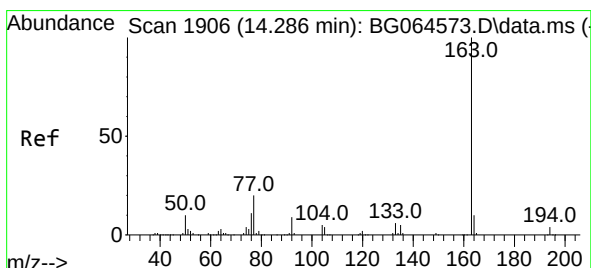
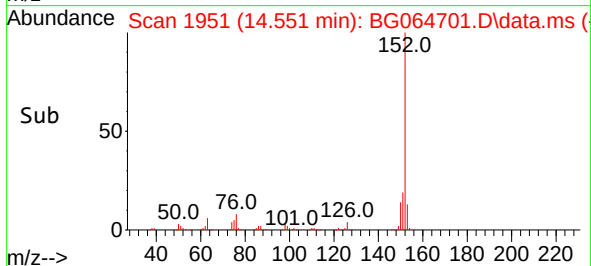
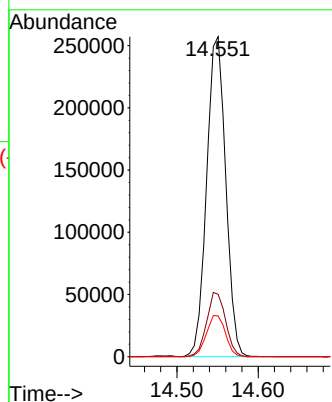
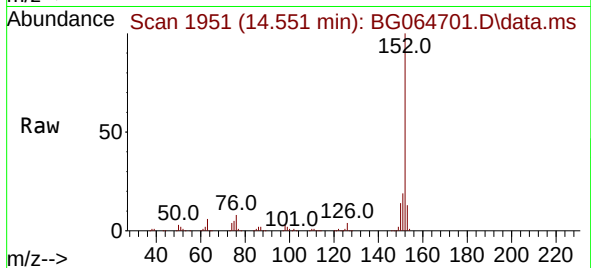
Tgt Ion:152 Resp: 418804

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

153 12.7 11.0 16.4



#50

Dimethylphthalate

Concen: 42.314 ng

RT: 14.269 min Scan# 1903

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

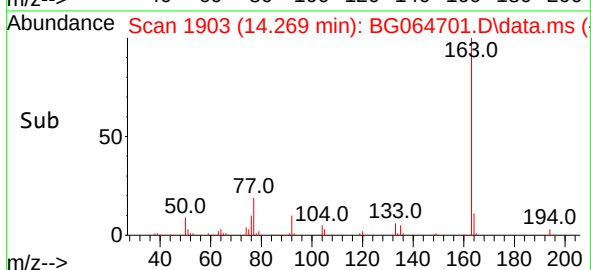
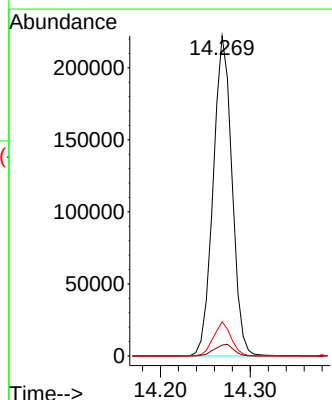
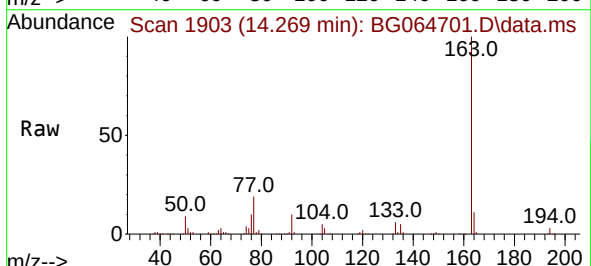
Tgt Ion:163 Resp: 323438

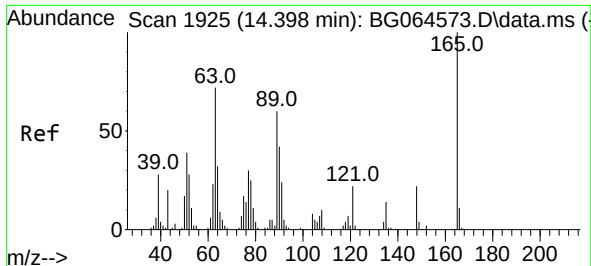
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

164 10.6 7.7 11.5

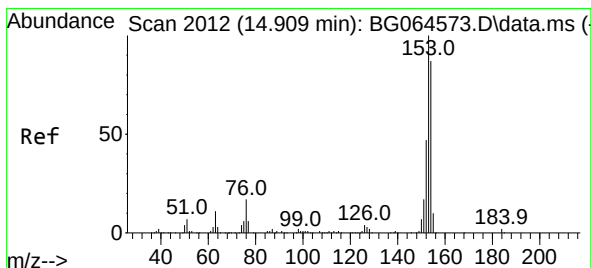
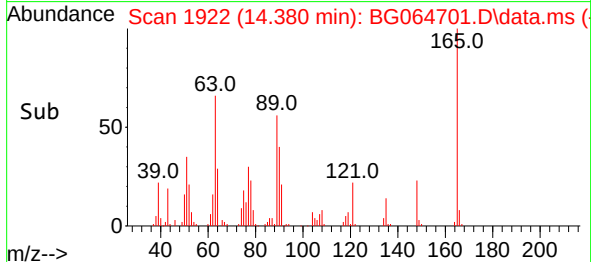
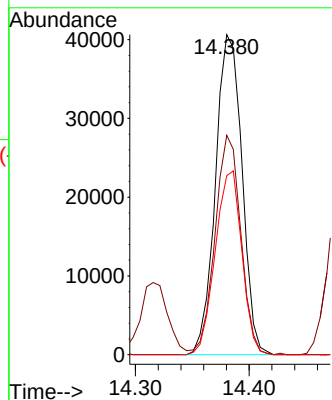
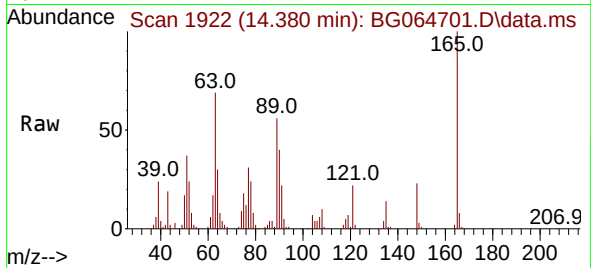




#51
2,6-Dinitrotoluene
Concen: 51.957 ng
RT: 14.380 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

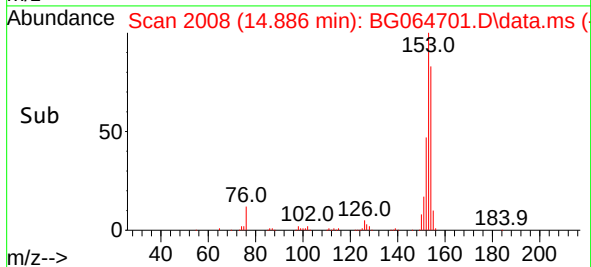
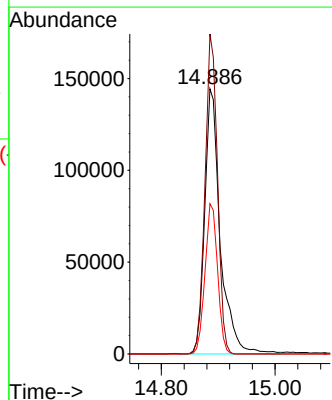
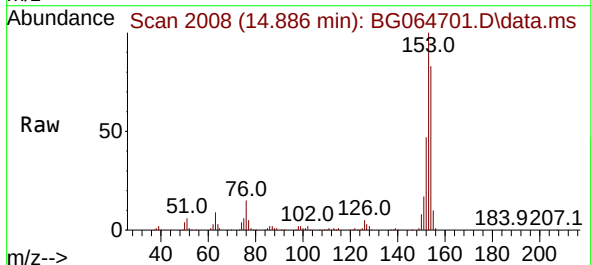
Instrument :
BNA_G
ClientSampleId :
PB170421BS

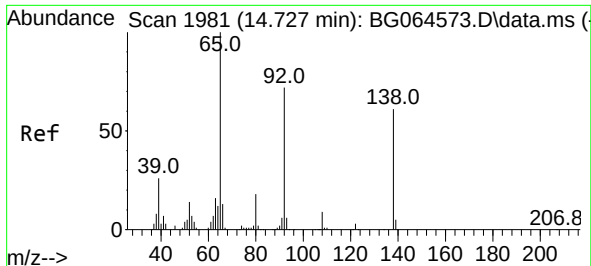
Tgt Ion:165 Resp: 65885
Ion Ratio Lower Upper
165 100
63 68.6 57.4 86.0
89 56.0 47.8 71.8



#52
Acenaphthene
Concen: 47.526 ng
RT: 14.886 min Scan# 2008
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:154 Resp: 274547
Ion Ratio Lower Upper
154 100
153 120.7 92.2 138.4
152 56.7 43.2 64.8

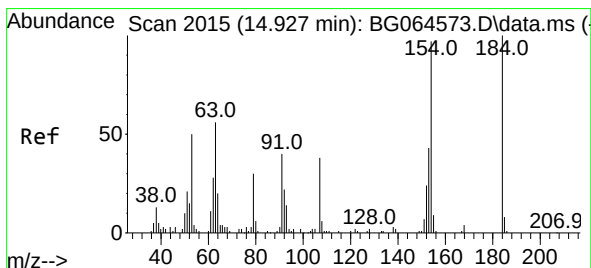
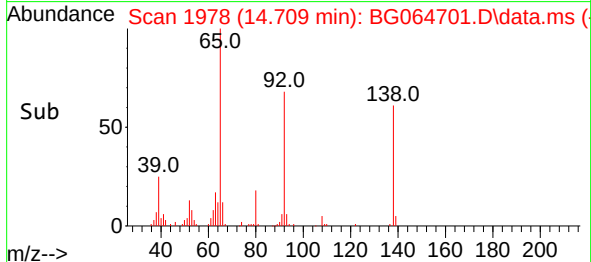
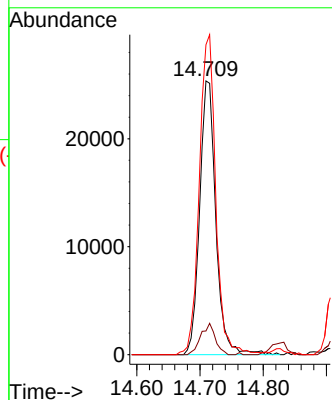
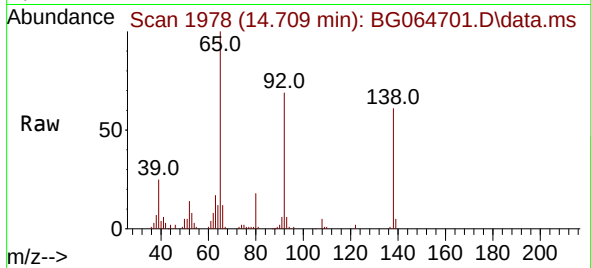




#53
3-Nitroaniline
Concen: 34.381 ng
RT: 14.709 min Scan# 1981
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

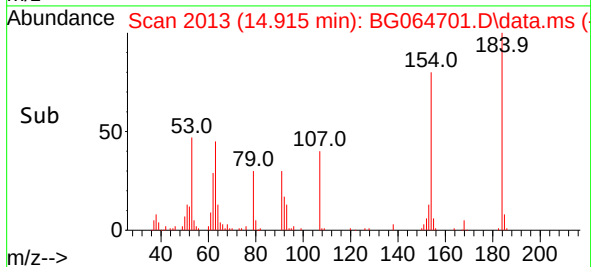
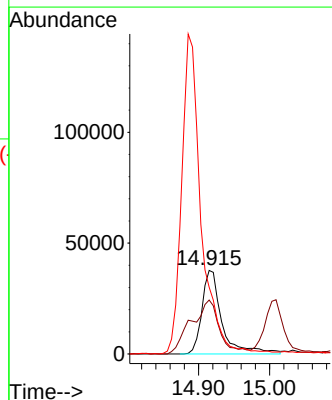
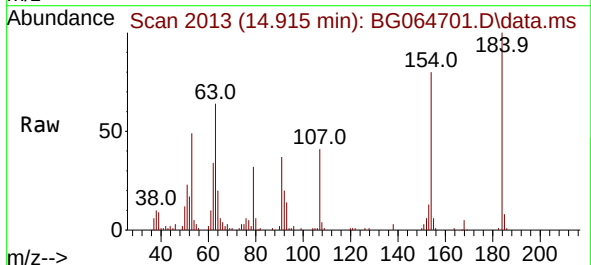
Instrument :
BNA_G
ClientSampleId :
PB170421BS

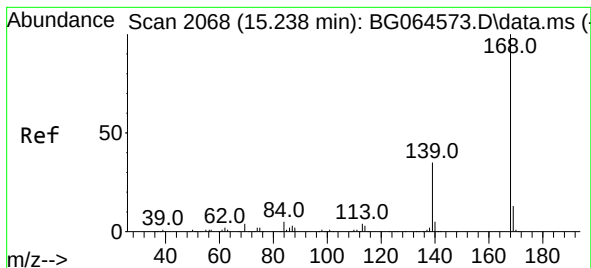
Tgt Ion:138 Resp: 45164
Ion Ratio Lower Upper
138 100
108 8.7 11.4 17.0#
92 113.3 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 94.280 ng
RT: 14.915 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

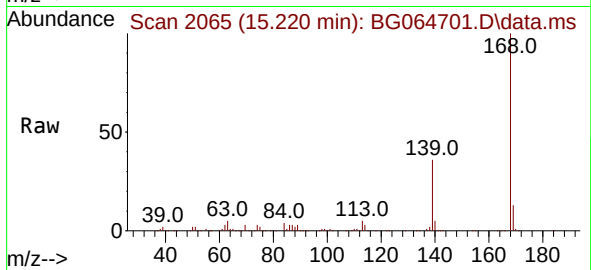
Tgt Ion:184 Resp: 73793
Ion Ratio Lower Upper
184 100
63 64.5 56.6 85.0
154 79.8 158.6 238.0#



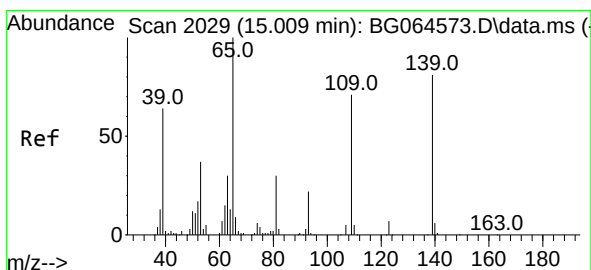
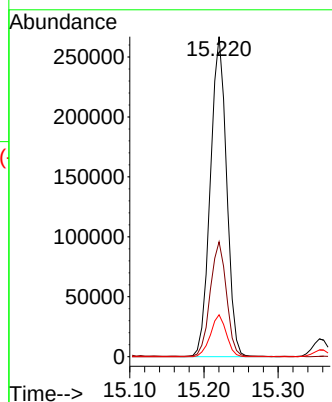
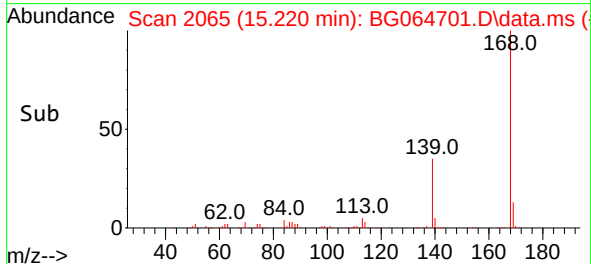


#55
Dibenzofuran
Concen: 43.477 ng
RT: 15.220 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Instrument :
BNA_G
ClientSampleId :
PB170421BS

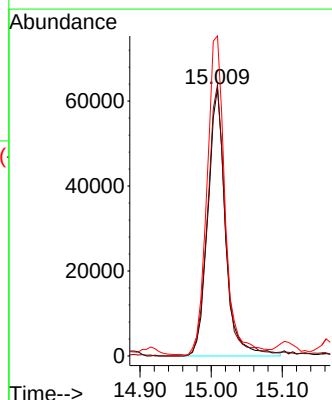
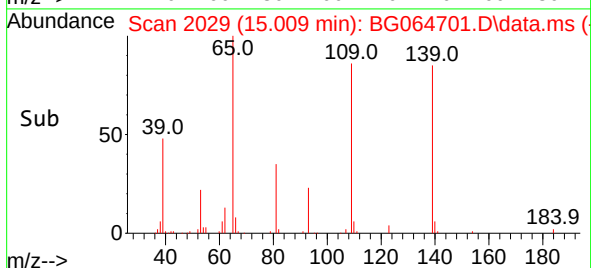
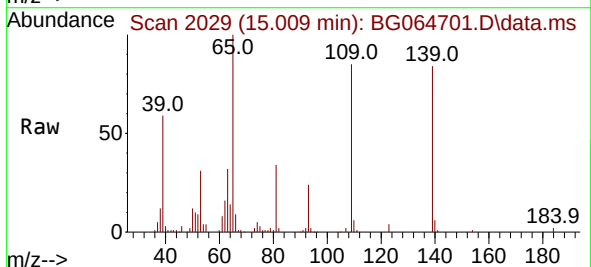


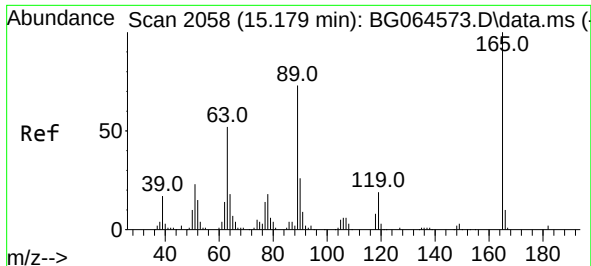
Tgt Ion:168 Resp: 406041
Ion Ratio Lower Upper
168 100
139 35.9 27.8 41.8
169 13.1 10.3 15.5



#56
4-Nitrophenol
Concen: 89.111 ng
RT: 15.009 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:139 Resp: 108529
Ion Ratio Lower Upper
139 100
109 101.4 67.8 107.8
65 119.7 103.7 143.7

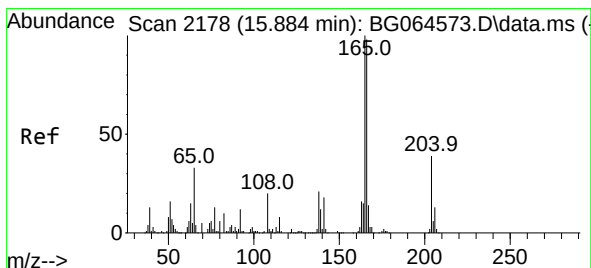
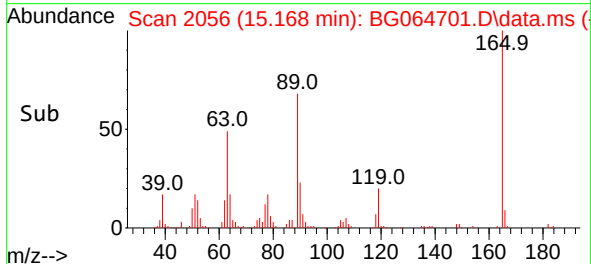
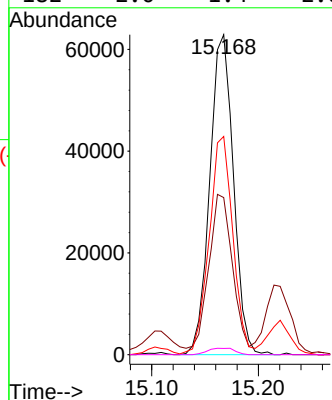
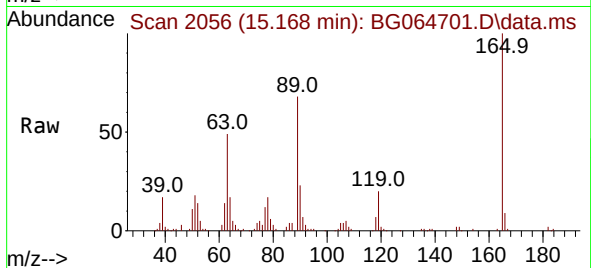




#57
2,4-Dinitrotoluene
Concen: 49.574 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

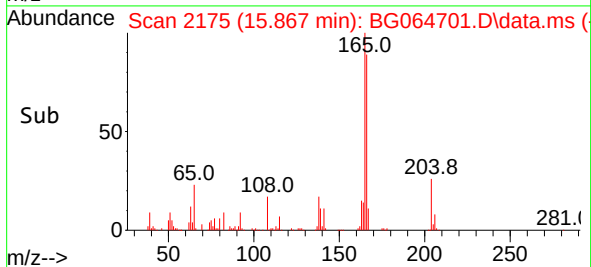
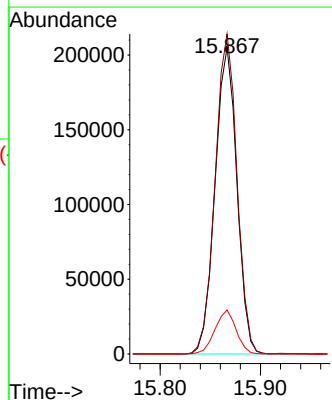
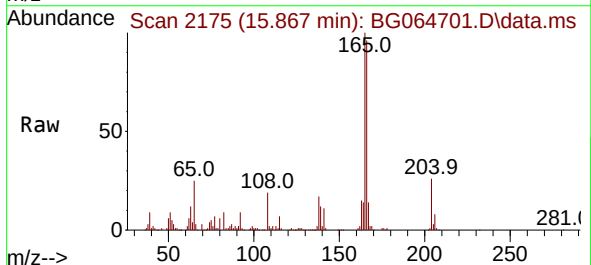
Instrument :
BNA_G
ClientSampleId :
PB170421BS

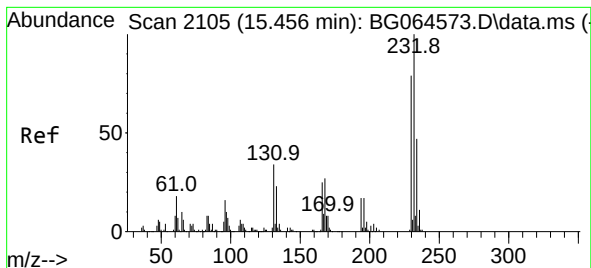
Tgt Ion:165 Resp: 96879
Ion Ratio Lower Upper
165 100
63 49.1 41.8 62.8
89 68.2 58.1 87.1
182 2.0 1.4 2.0



#58
Fluorene
Concen: 42.359 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:166 Resp: 308951
Ion Ratio Lower Upper
166 100
165 104.4 81.5 122.3
167 14.4 11.4 17.0

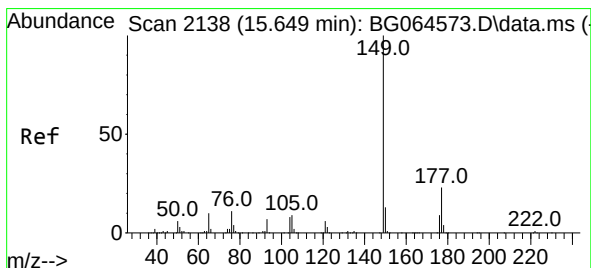
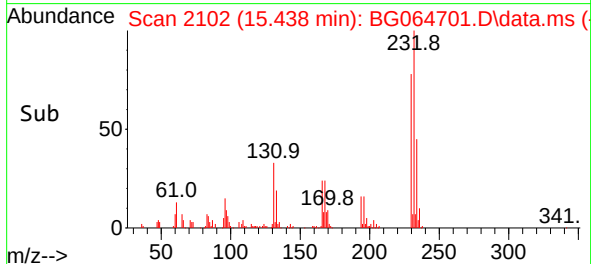
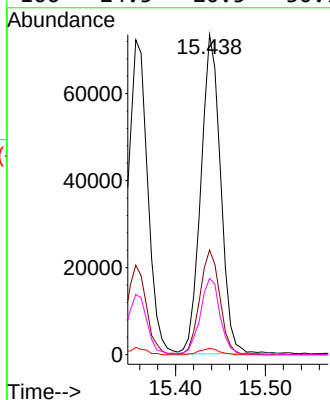
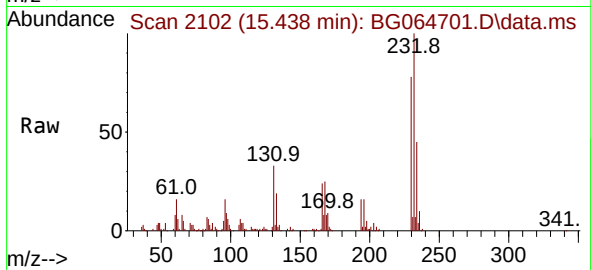




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.795 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

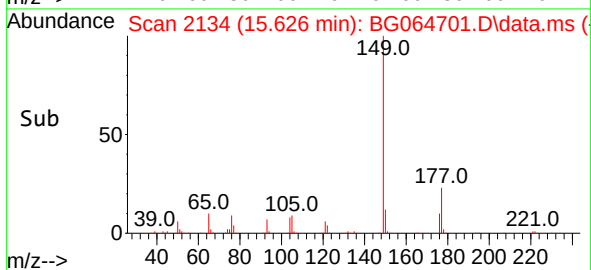
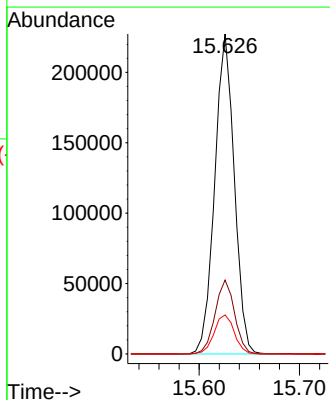
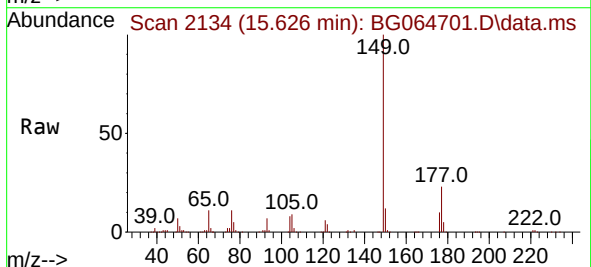
Instrument :
BNA_G
ClientSampleId :
PB170421BS

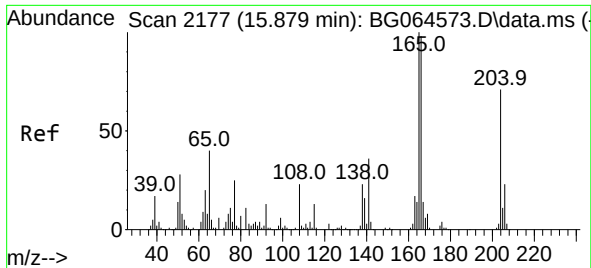
Tgt Ion:232 Resp: 111721
Ion Ratio Lower Upper
232 100
131 33.4 26.7 40.1
130 2.0 1.6 2.4
166 24.5 20.5 30.7



#60
Diethylphthalate
Concen: 39.313 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:149 Resp: 306827
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.2 10.2 15.4

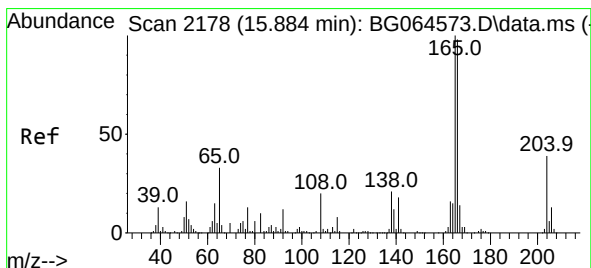
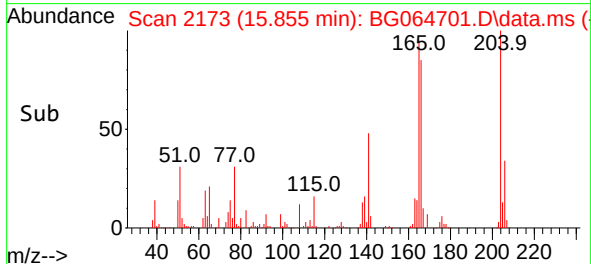
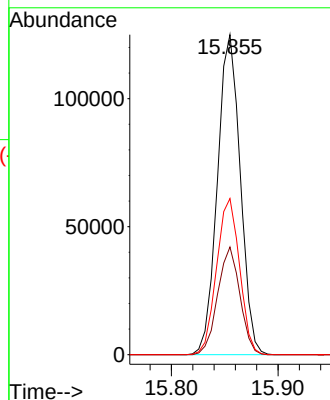
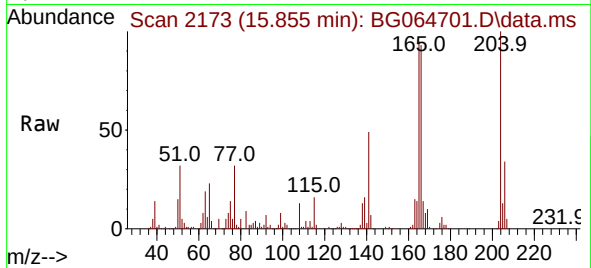




#61
4-Chlorophenyl-phenylether
Concen: 45.420 ng
RT: 15.855 min Scan# 2176
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

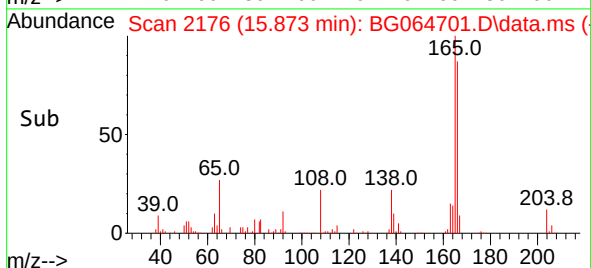
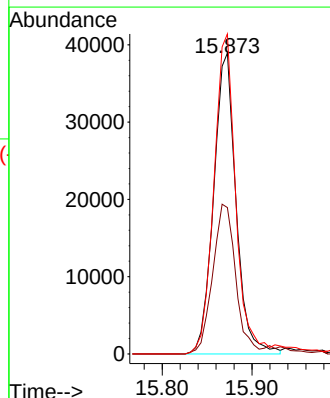
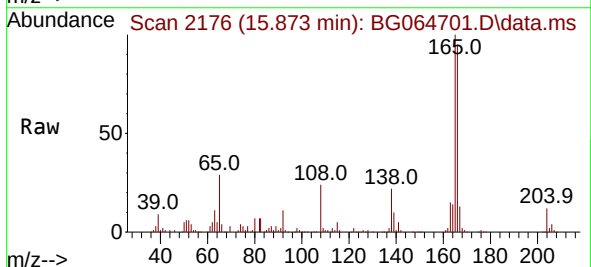
Instrument :
BNA_G
ClientSampleId :
PB170421BS

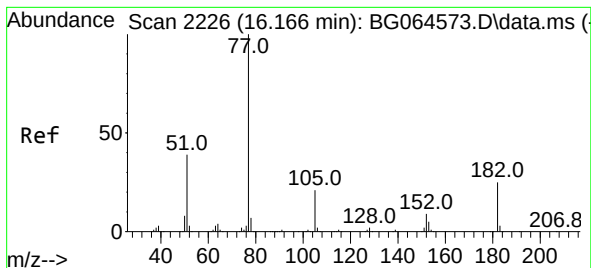
Tgt Ion:204 Resp: 185914
Ion Ratio Lower Upper
204 100
206 33.7 25.6 38.4
141 48.8 40.6 60.8



#62
4-Nitroaniline
Concen: 46.170 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:138 Resp: 67473
Ion Ratio Lower Upper
138 100
92 48.6 36.1 76.1
108 106.3 75.6 115.6





#63

Azobenzene

Concen: 38.634 ng

RT: 16.149 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

Tgt Ion: 77 Resp: 276660

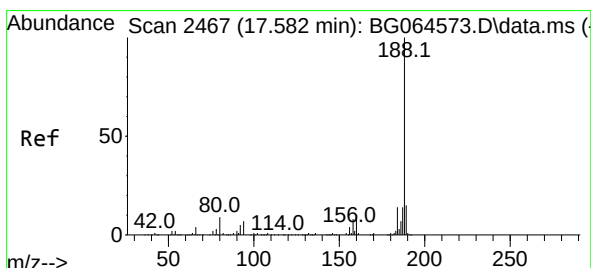
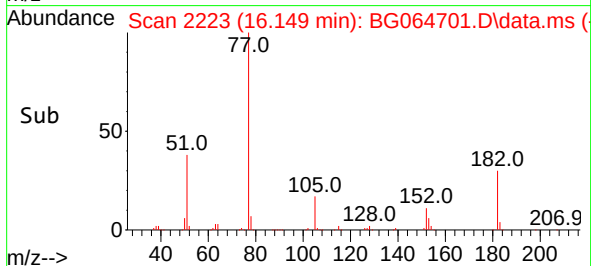
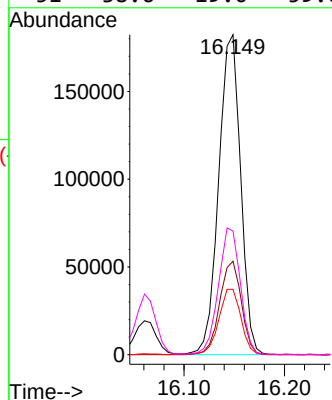
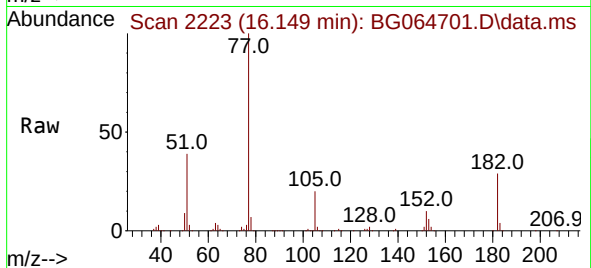
Ion Ratio Lower Upper

77 100

182 29.2 4.9 44.9

105 20.5 1.3 41.3

51 38.6 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.559 min Scan# 2463

Delta R.T. -0.024 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

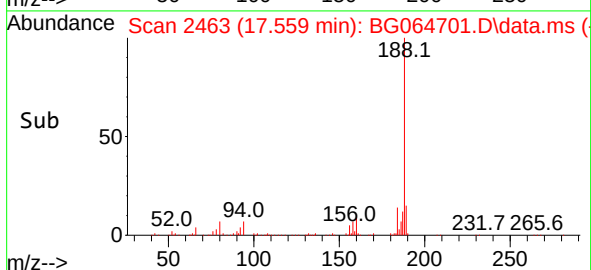
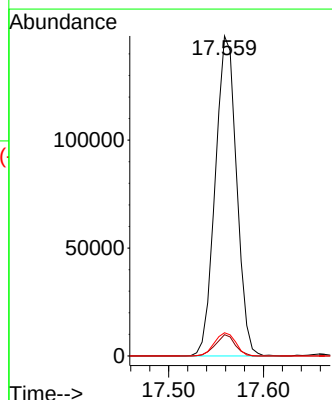
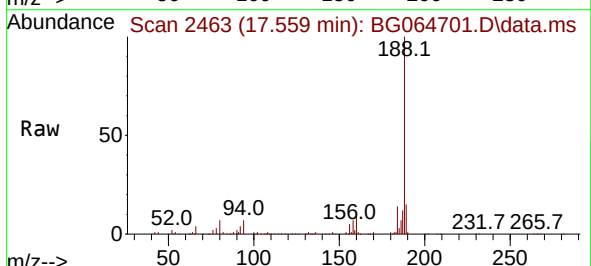
Tgt Ion:188 Resp: 231903

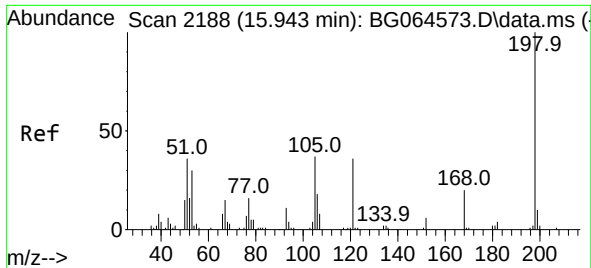
Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 7.2 6.8 10.2

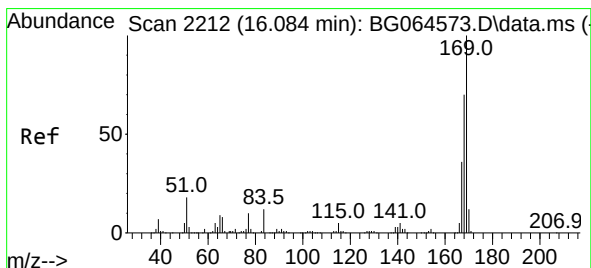
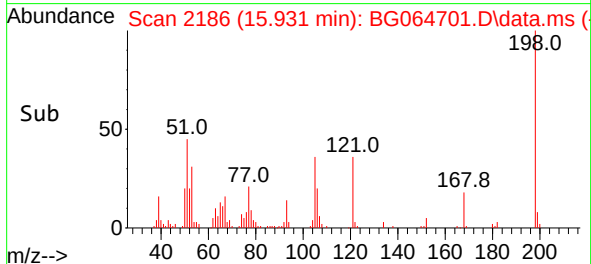
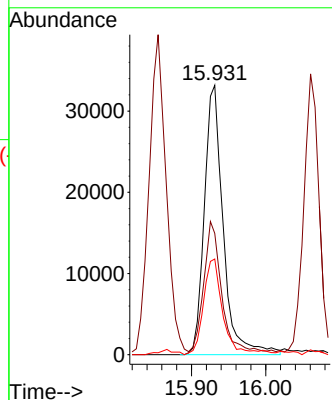
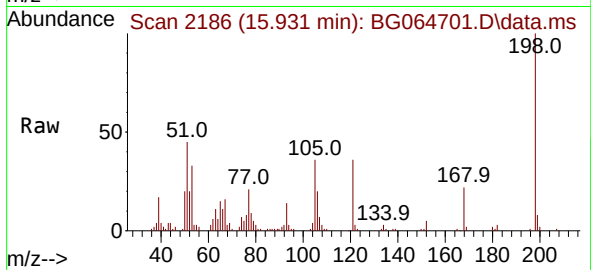




#65
4,6-Dinitro-2-methylphenol
Concen: 56.528 ng
RT: 15.931 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

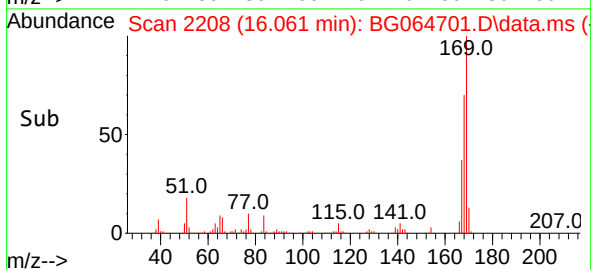
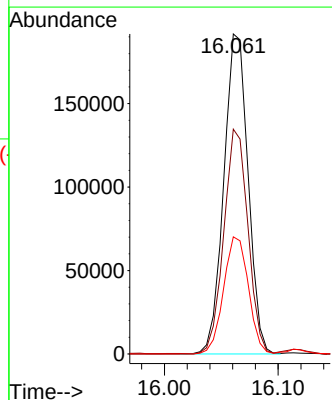
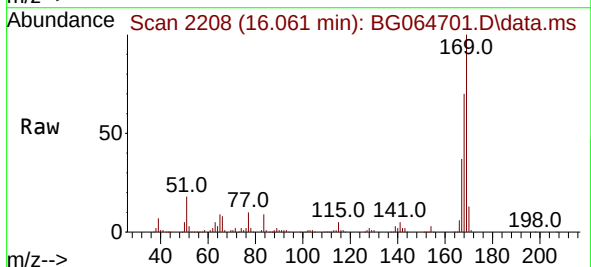
Instrument :
BNA_G
ClientSampleId :
PB170421BS

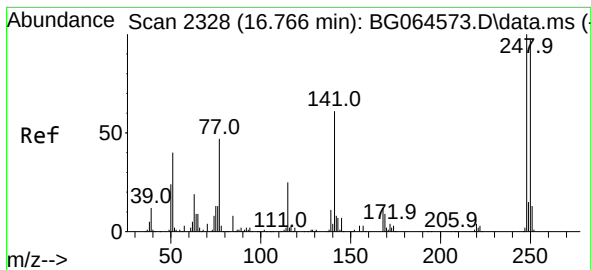
Tgt Ion:198 Resp: 58793
Ion Ratio Lower Upper
198 100
51 45.0 24.7 64.7
105 35.5 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 45.399 ng
RT: 16.061 min Scan# 2208
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:169 Resp: 284391
Ion Ratio Lower Upper
169 100
168 70.3 56.3 84.5
167 36.6 29.0 43.6

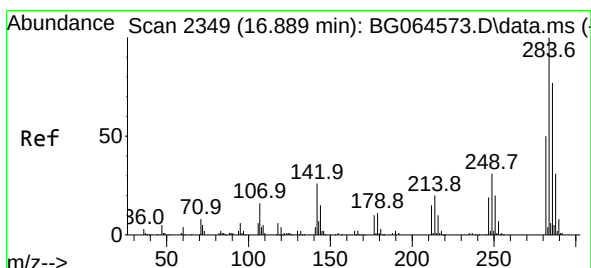
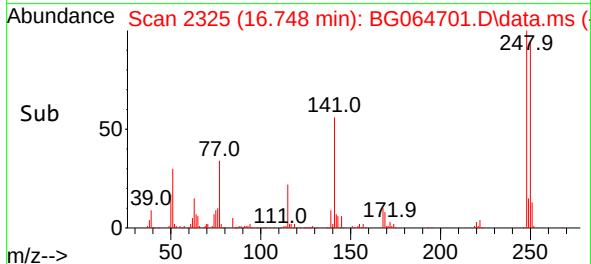
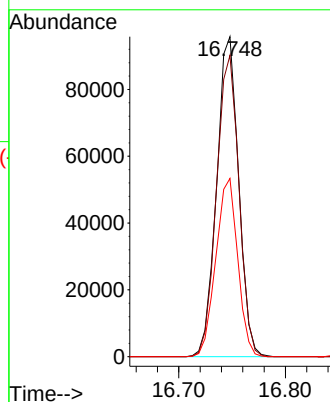
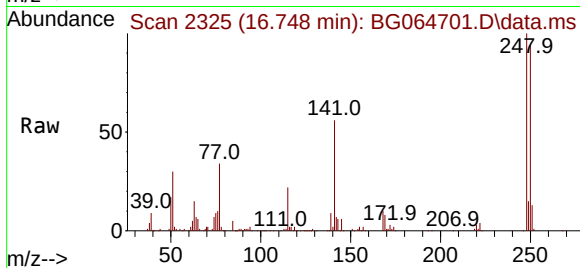




#67
4-Bromophenyl-phenylether
Concen: 49.949 ng
RT: 16.748 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

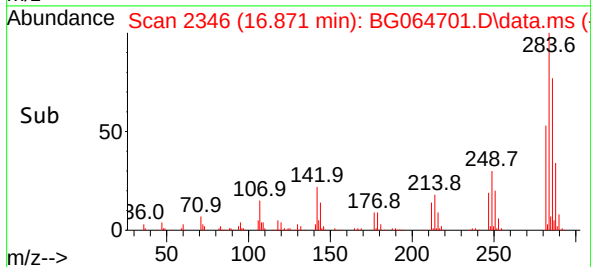
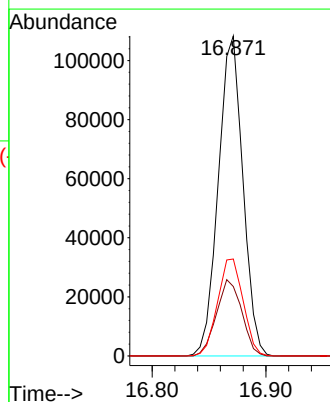
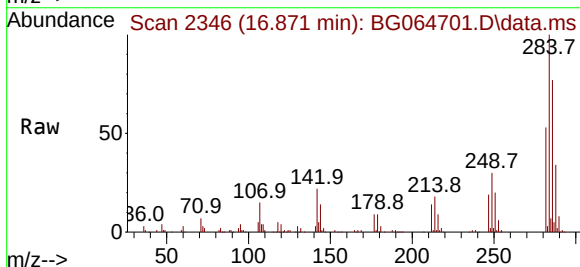
Instrument :
BNA_G
ClientSampleId :
PB170421BS

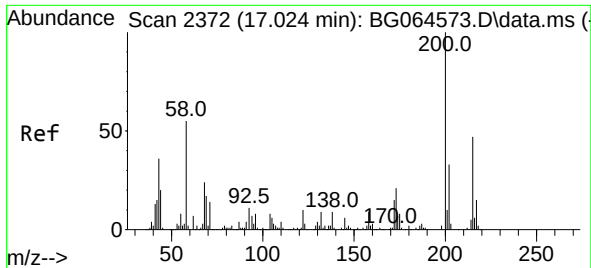
Tgt Ion:248 Resp: 137267
Ion Ratio Lower Upper
248 100
250 94.1 77.7 116.5
141 55.7 48.6 72.8



#68
Hexachlorobenzene
Concen: 51.830 ng
RT: 16.871 min Scan# 2346
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:284 Resp: 162496
Ion Ratio Lower Upper
284 100
142 21.7 21.0 31.6
249 32.7 24.9 37.3

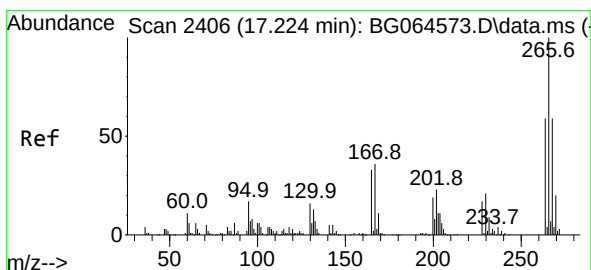
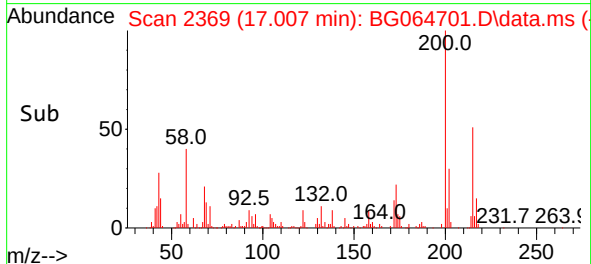
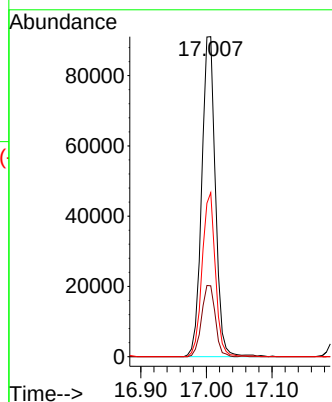
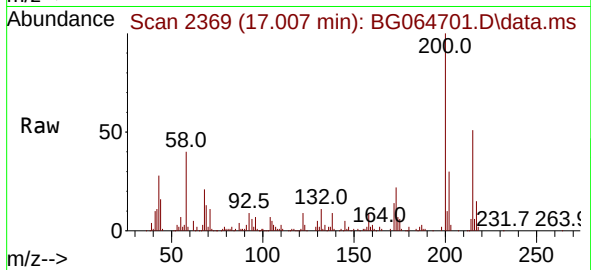




#69
Atrazine
Concen: 49.136 ng
RT: 17.007 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

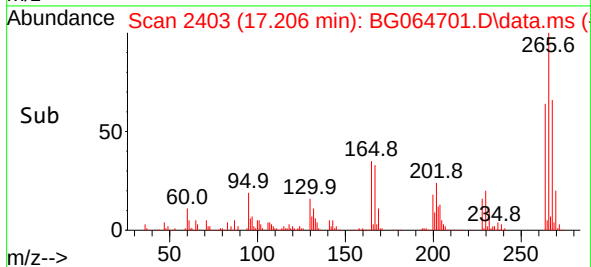
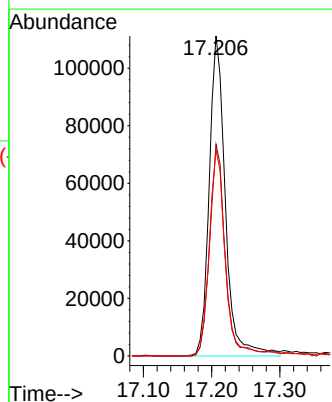
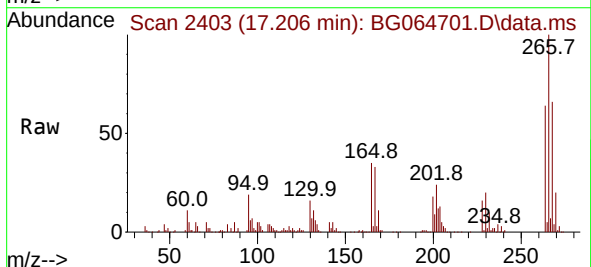
Instrument :
BNA_G
ClientSampleId :
PB170421BS

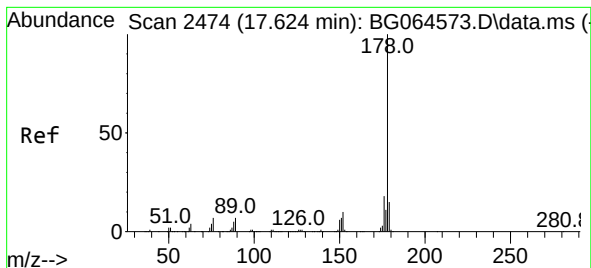
Tgt Ion:200 Resp: 132459
Ion Ratio Lower Upper
200 100
173 22.2 0.9 40.9
215 51.2 27.0 67.0



#70
Pentachlorophenol
Concen: 93.733 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:266 Resp: 183253
Ion Ratio Lower Upper
266 100
268 70.4 50.3 75.5
264 64.2 47.3 70.9





#71

Phenanthrene

Concen: 45.177 ng

RT: 17.600 min Scan# 2474

Delta R.T. -0.024 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

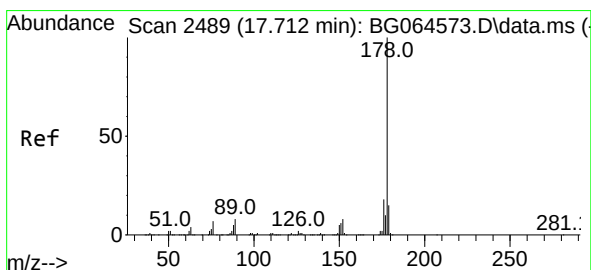
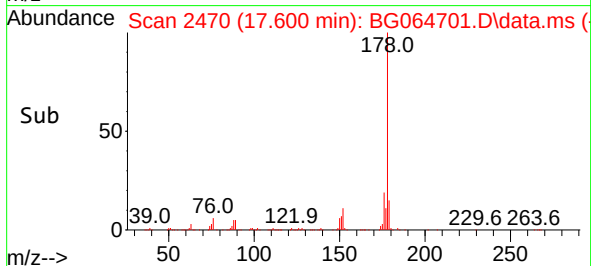
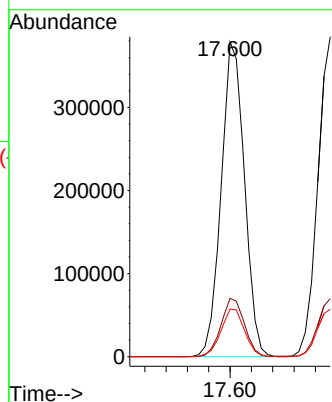
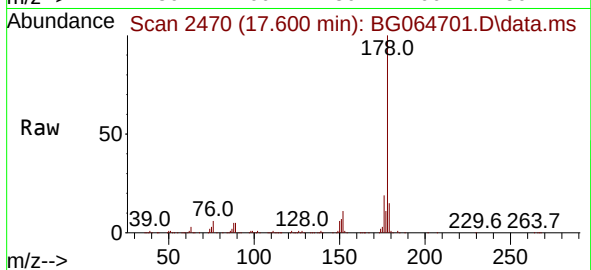
Tgt Ion:178 Resp: 572933

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.2 12.2 18.4



#72

Anthracene

Concen: 45.821 ng

RT: 17.694 min Scan# 2486

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

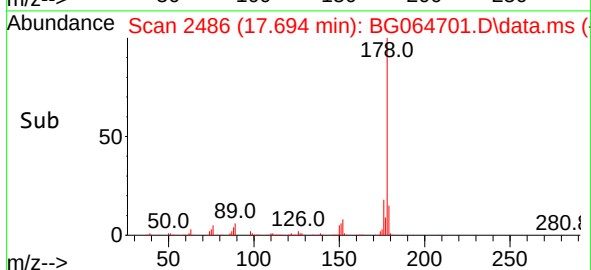
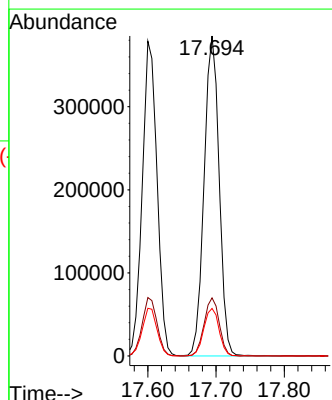
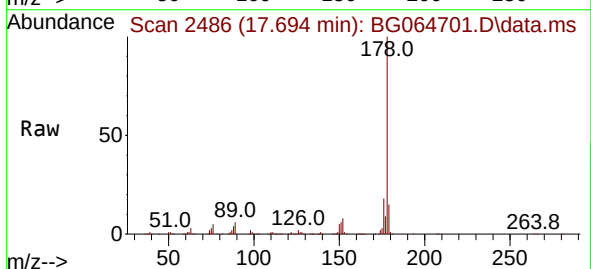
Tgt Ion:178 Resp: 591115

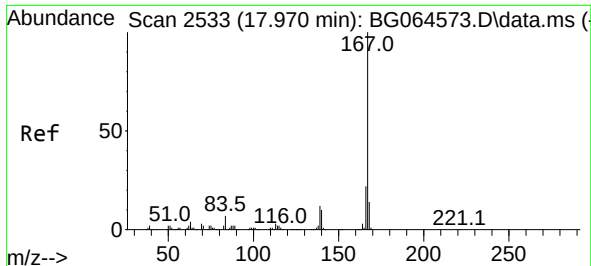
Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

179 14.9 12.4 18.6

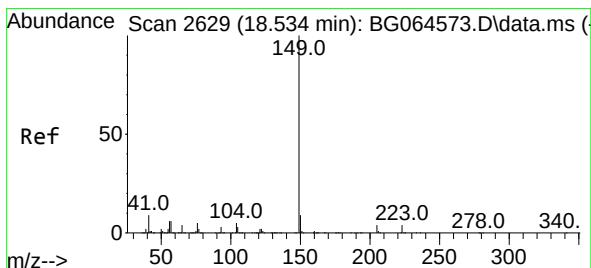
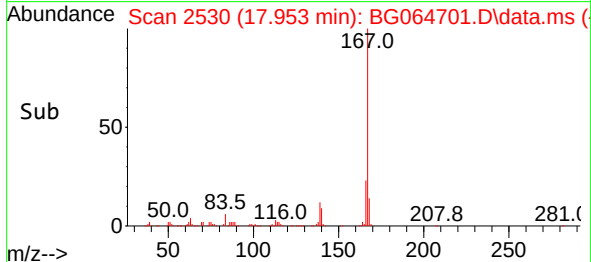
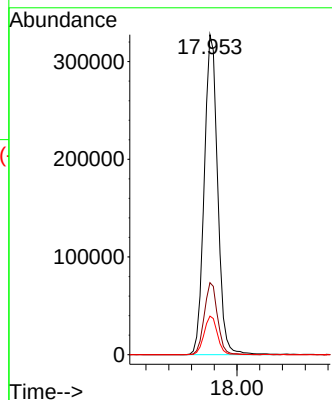
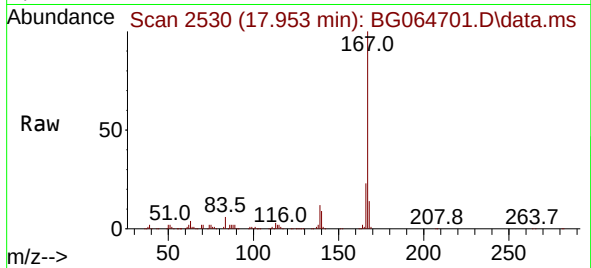




#73
 Carbazole
 Concen: 47.058 ng
 RT: 17.953 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG064701.D
 Acq: 6 Nov 2025 13:35

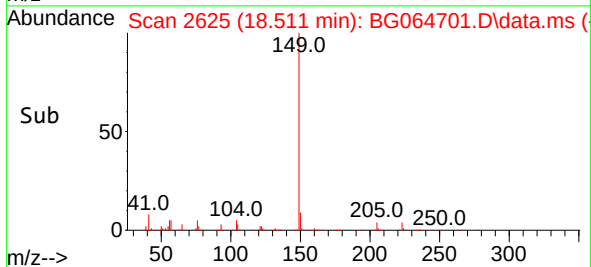
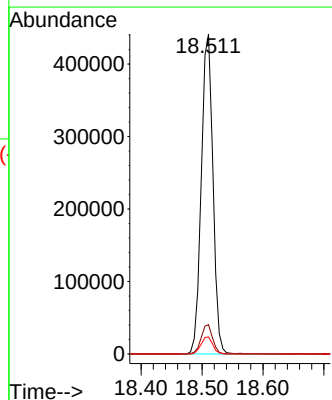
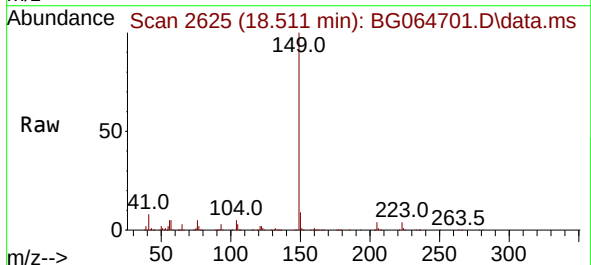
Instrument :
 BNA_G
 ClientSampleId :
 PB170421BS

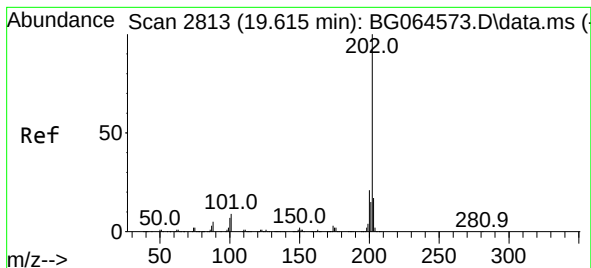
Tgt Ion:167 Resp: 535324
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 12.1 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 44.524 ng
 RT: 18.511 min Scan# 2625
 Delta R.T. -0.024 min
 Lab File: BG064701.D
 Acq: 6 Nov 2025 13:35

Tgt Ion:149 Resp: 585697
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 50.457 ng

RT: 19.598 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

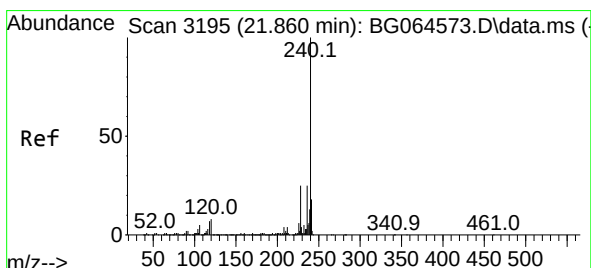
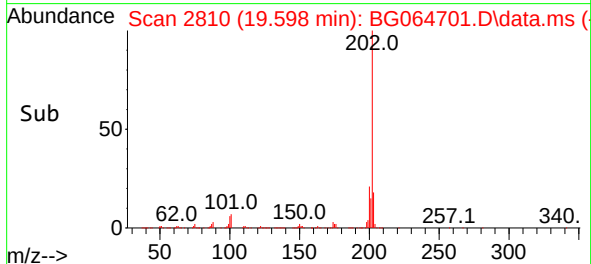
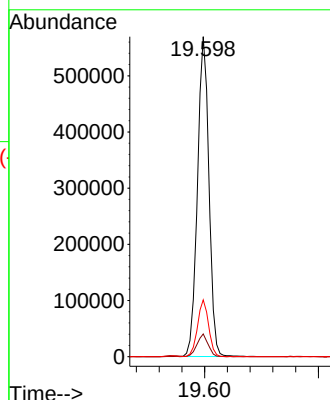
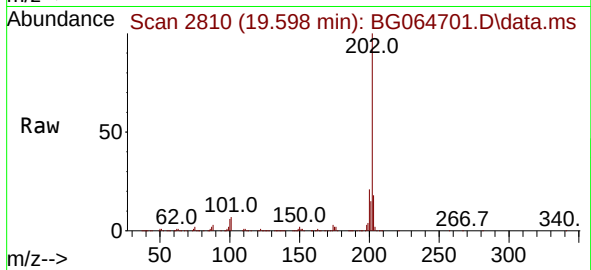
Tgt Ion:202 Resp: 801617

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.7

203 17.7 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.830 min Scan# 3190

Delta R.T. -0.029 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

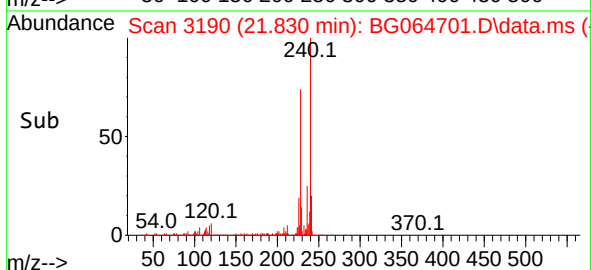
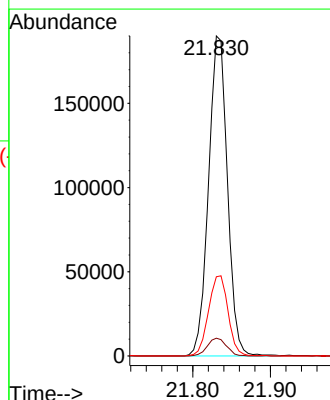
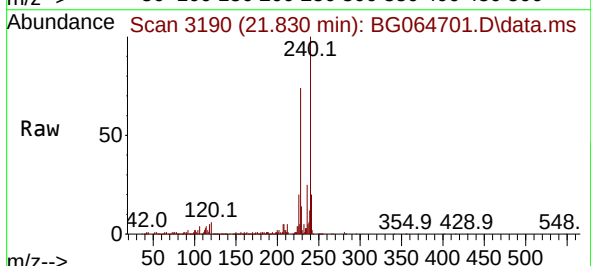
Tgt Ion:240 Resp: 321404

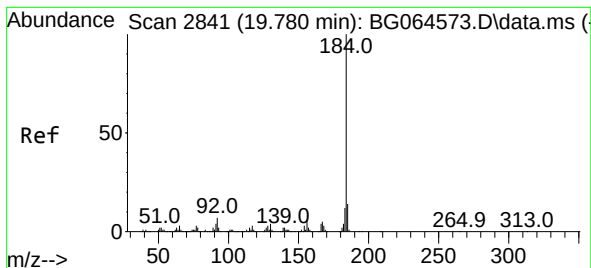
Ion Ratio Lower Upper

240 100

120 5.6 6.5 9.7#

236 24.8 20.2 30.2





#77

Benzidine

Concen: 26.460 ng

RT: 19.762 min Scan# 2838

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

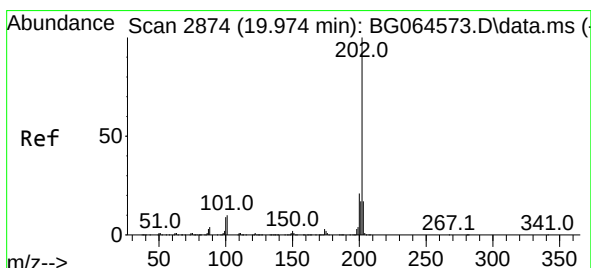
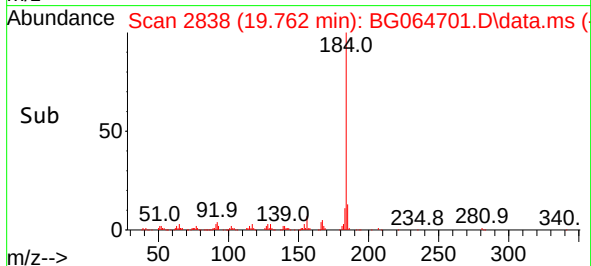
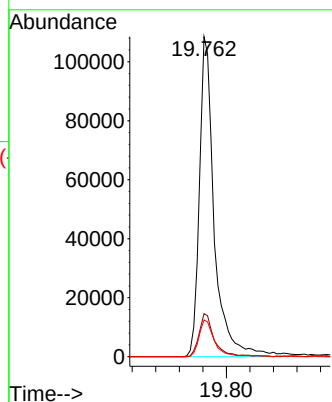
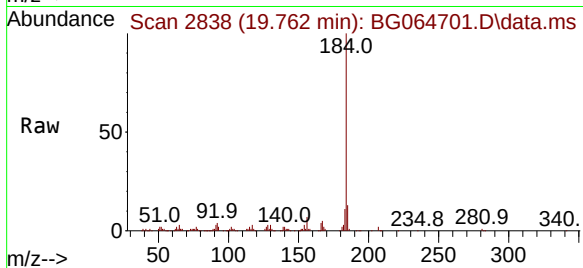
Tgt Ion:184 Resp: 190535

Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.2

183 11.5 9.4 14.2



#78

Pyrene

Concen: 39.877 ng

RT: 19.956 min Scan# 2871

Delta R.T. -0.018 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

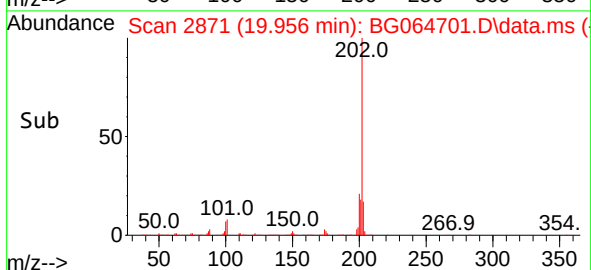
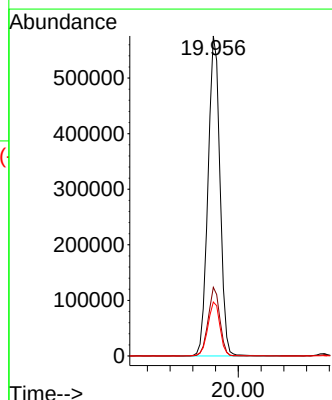
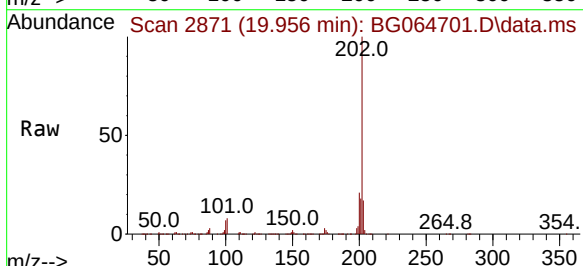
Tgt Ion:202 Resp: 837371

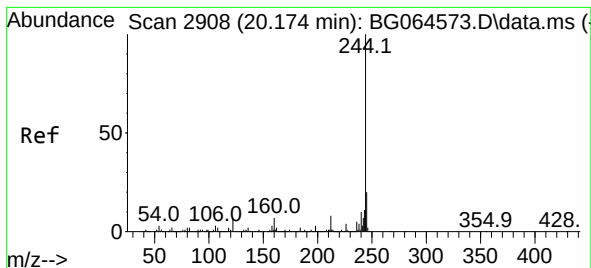
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 16.8 13.8 20.6





#79

Terphenyl-d14

Concen: 81.295 ng

RT: 20.150 min Scan# 2904

Delta R.T. -0.024 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

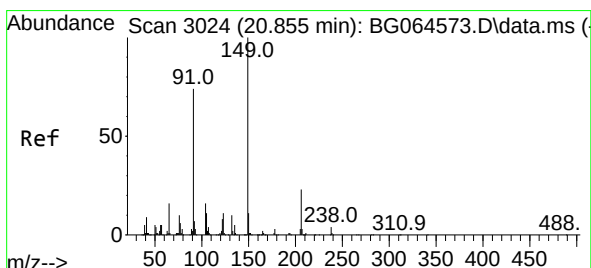
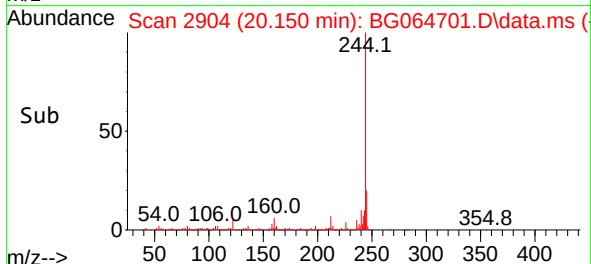
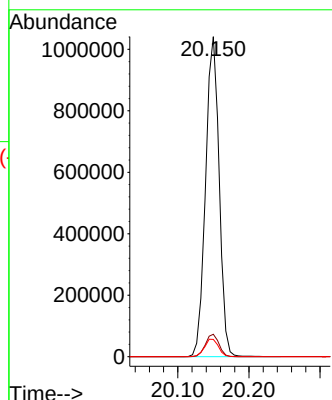
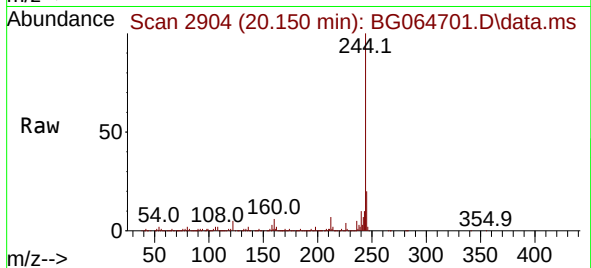
Tgt Ion:244 Resp: 1384546

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 5.4 5.6 8.4#



#80

Butylbenzylphthalate

Concen: 45.444 ng

RT: 20.831 min Scan# 3020

Delta R.T. -0.024 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

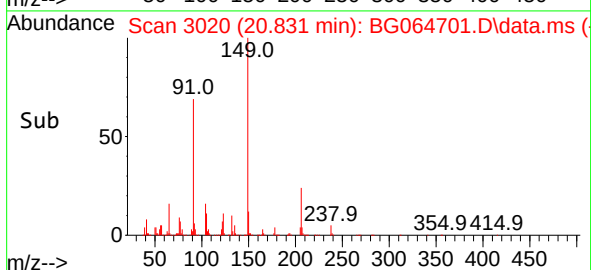
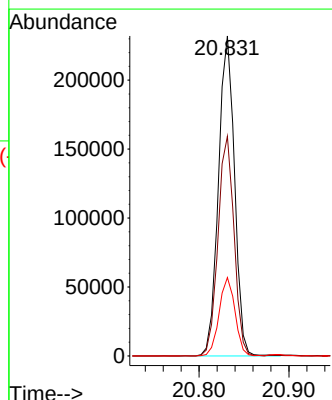
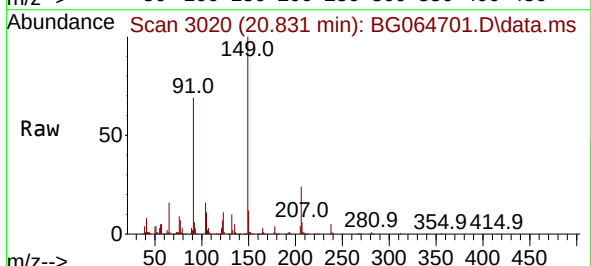
Tgt Ion:149 Resp: 288415

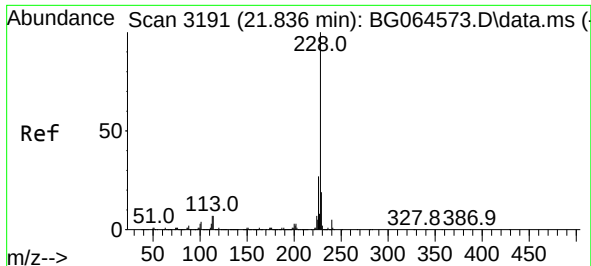
Ion Ratio Lower Upper

149 100

91 68.7 59.2 88.8

206 24.5 18.1 27.1

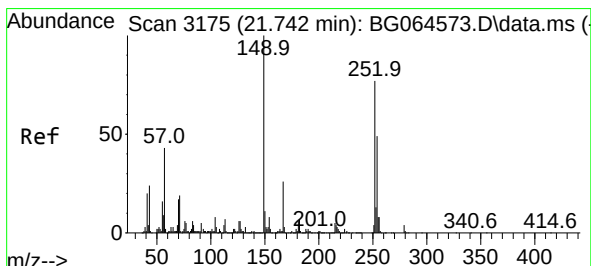
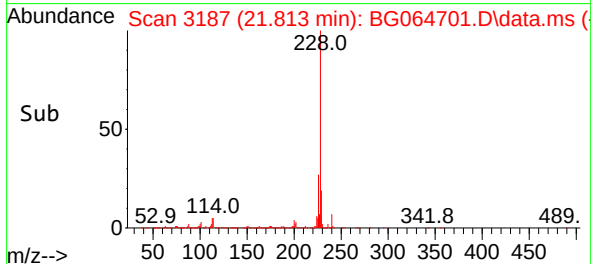
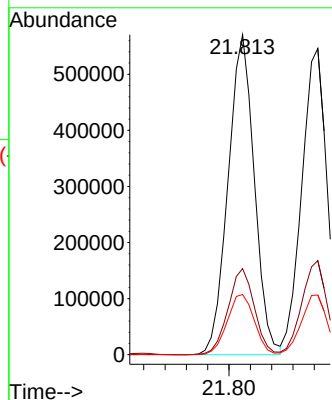
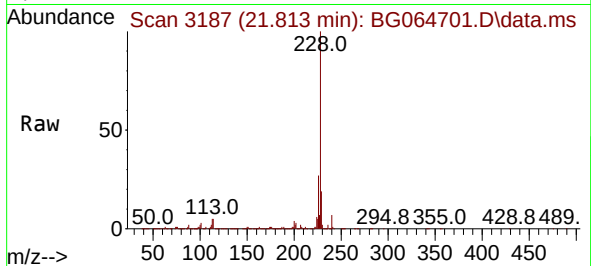




#81
Benzo(a)anthracene
Concen: 45.813 ng
RT: 21.813 min Scan# 31
Delta R.T. -0.024 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

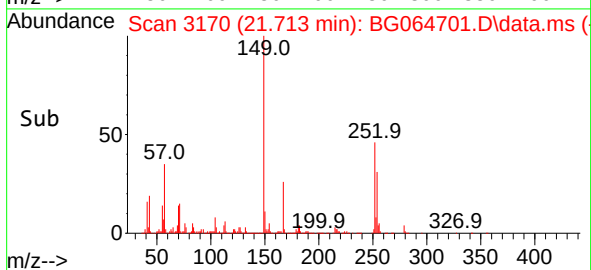
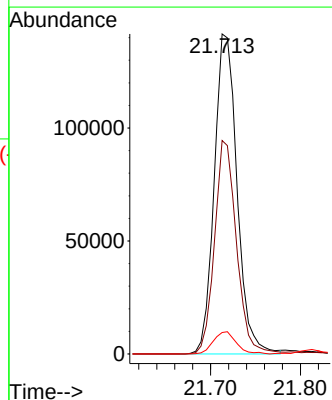
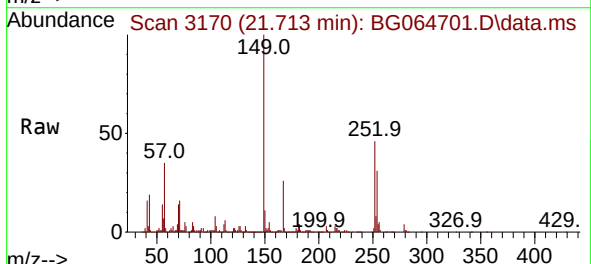
Instrument :
BNA_G
ClientSampleId :
PB170421BS

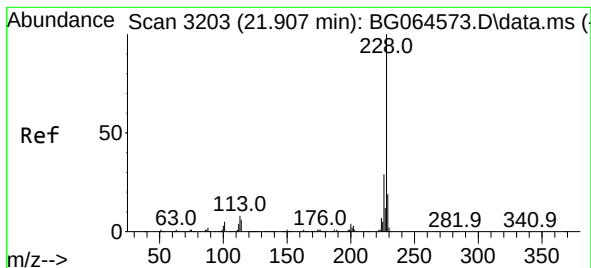
Tgt Ion:228 Resp: 976313
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 18.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 35.099 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.029 min
Lab File: BG064701.D
Acq: 6 Nov 2025 13:35

Tgt Ion:252 Resp: 249778
Ion Ratio Lower Upper
252 100
254 66.7 50.8 76.2
126 6.7 5.8 8.6





#83

Chrysene

Concen: 44.520 ng

RT: 21.883 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

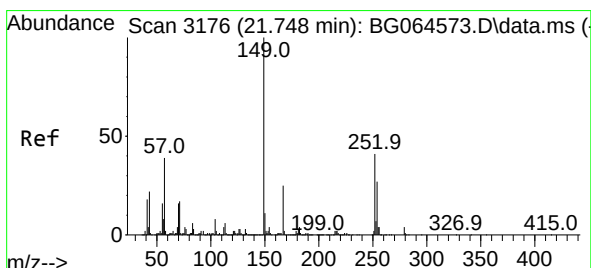
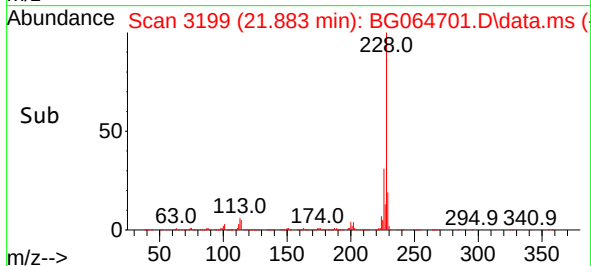
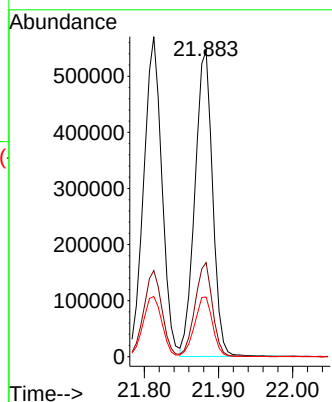
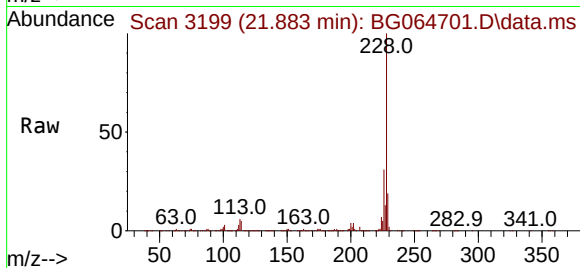
Tgt Ion:228 Resp: 902766

Ion Ratio Lower Upper

228 100

226 30.8 23.3 34.9

229 19.5 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.082 ng

RT: 21.713 min Scan# 3170

Delta R.T. -0.035 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

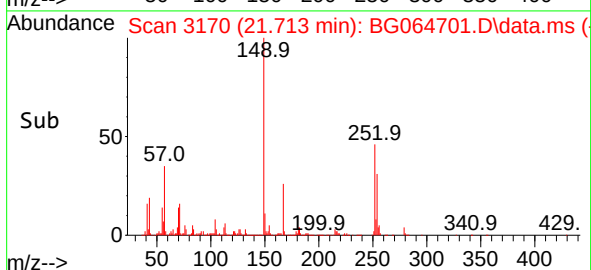
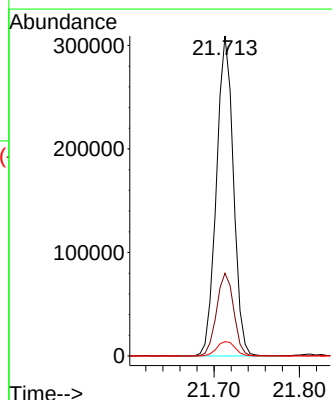
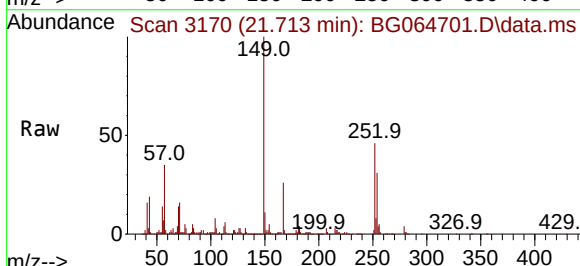
Tgt Ion:149 Resp: 427531

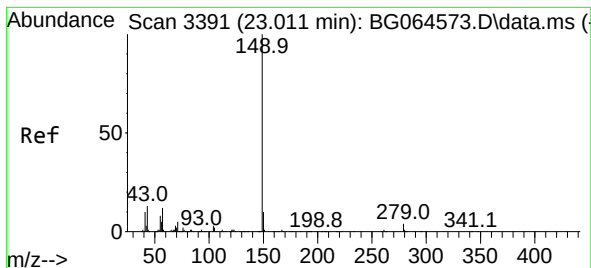
Ion Ratio Lower Upper

149 100

167 25.8 20.0 30.0

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.859 ng

RT: 22.964 min Scan# 31

Delta R.T. -0.047 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

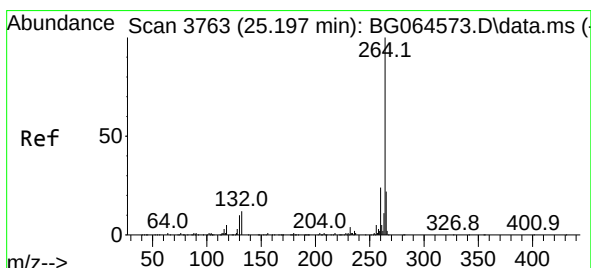
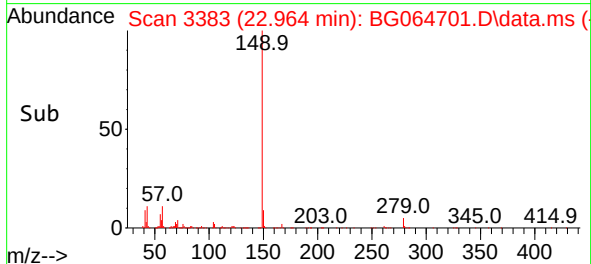
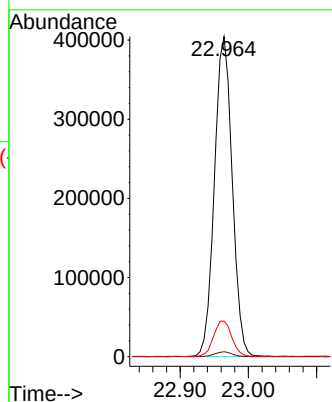
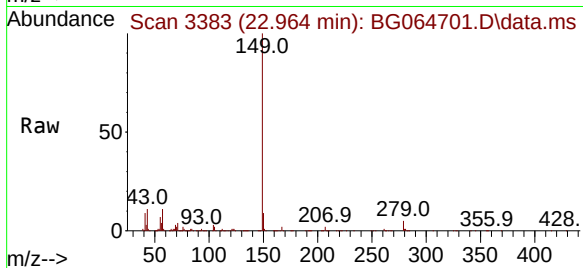
Tgt Ion:149 Resp: 733239

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.156 min Scan# 3756

Delta R.T. -0.041 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

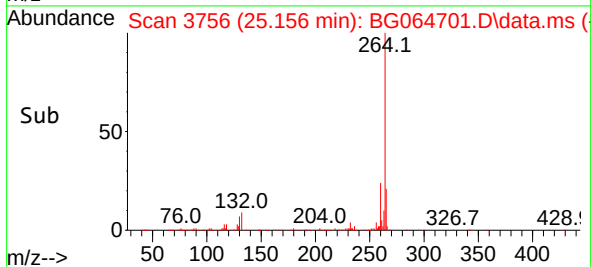
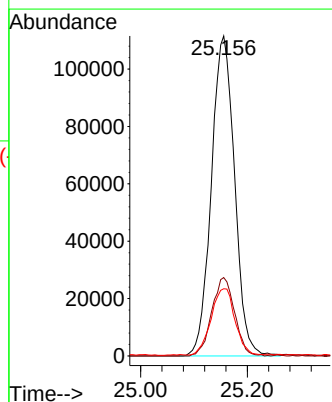
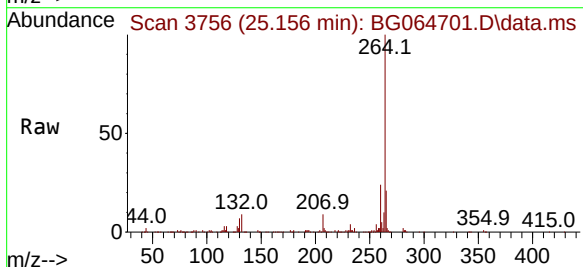
Tgt Ion:264 Resp: 337554

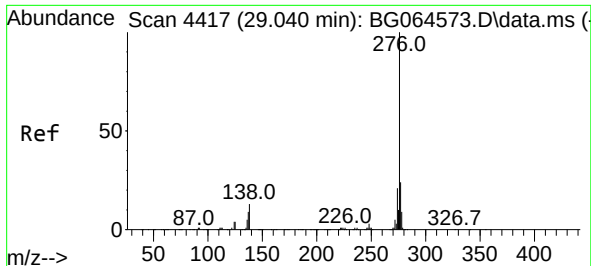
Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 21.0 17.6 26.4

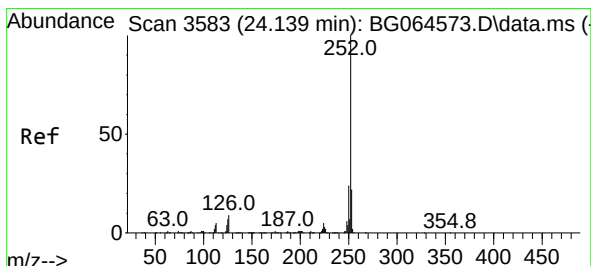
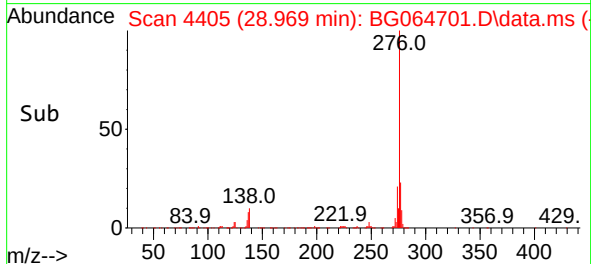
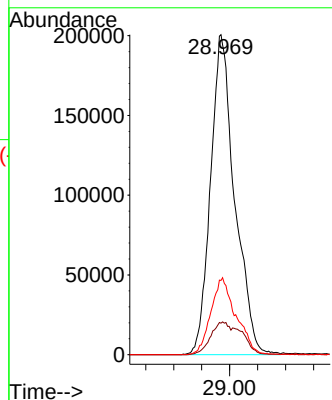
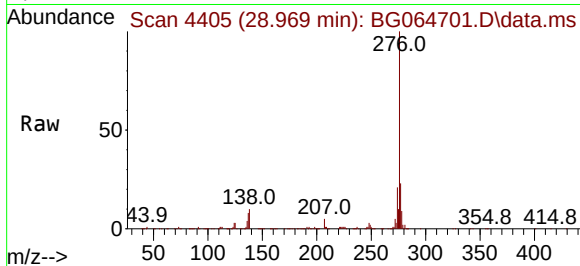




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.548 ng
 RT: 28.969 min Scan# 4417
 Delta R.T. -0.071 min
 Lab File: BG064701.D
 Acq: 6 Nov 2025 13:35

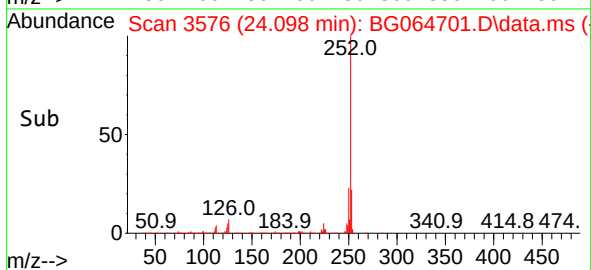
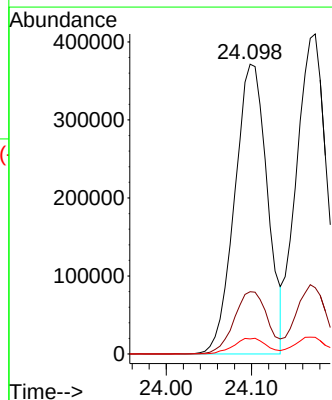
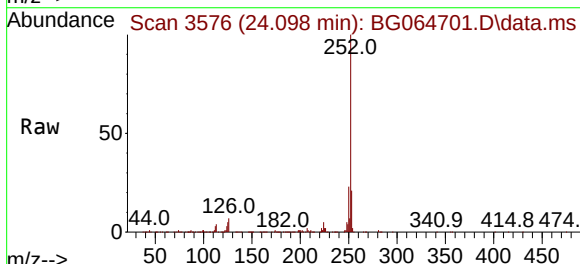
Instrument :
 BNA_G
 ClientSampleId :
 PB170421BS

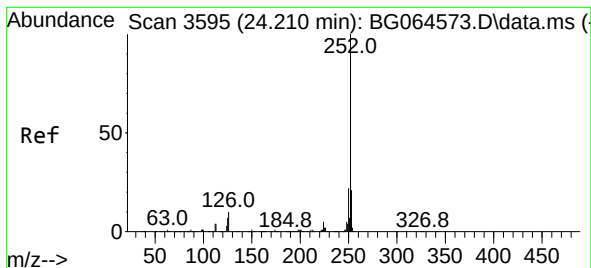
Tgt Ion:276 Resp: 1205535
 Ion Ratio Lower Upper
 276 100
 138 8.0 10.8 16.2#
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 47.779 ng
 RT: 24.098 min Scan# 3576
 Delta R.T. -0.041 min
 Lab File: BG064701.D
 Acq: 6 Nov 2025 13:35

Tgt Ion:252 Resp: 988958
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.8 26.8
 125 5.2 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 49.221 ng

RT: 24.175 min Scan# 3

Delta R.T. -0.035 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

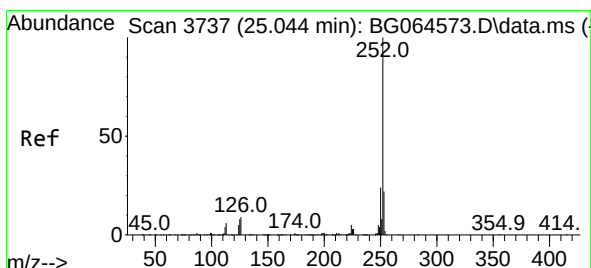
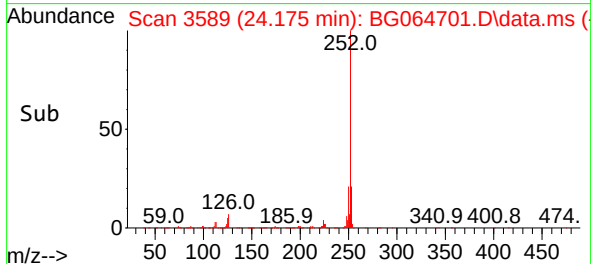
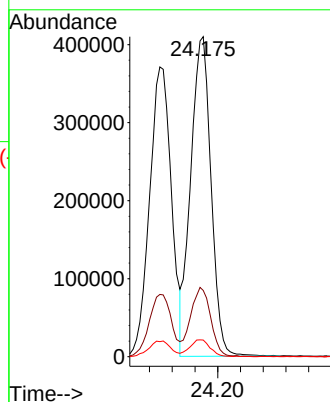
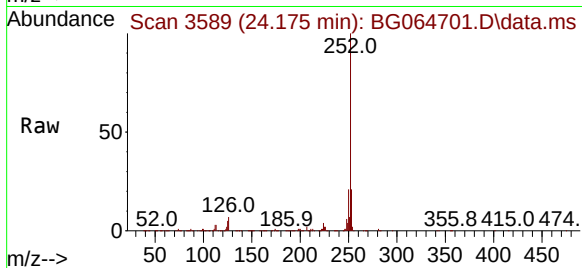
Tgt Ion:252 Resp: 1019509

Ion Ratio Lower Upper

252 100

253 20.7 16.8 25.2

125 5.2 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 50.144 ng

RT: 25.003 min Scan# 3730

Delta R.T. -0.041 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

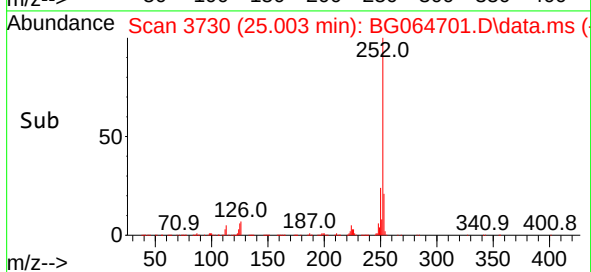
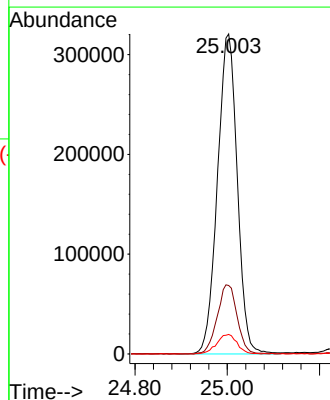
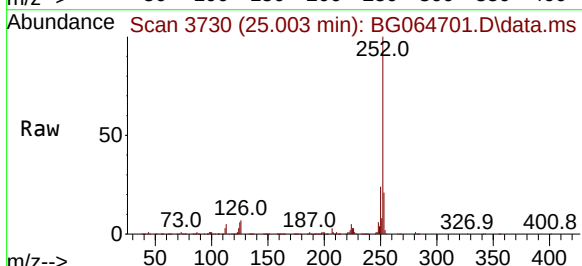
Tgt Ion:252 Resp: 954075

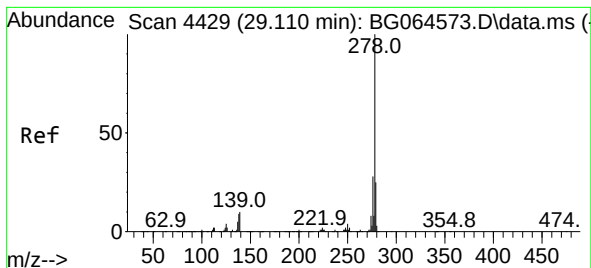
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 6.1 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 49.542 ng

RT: 29.045 min Scan# 44

Delta R.T. -0.065 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Instrument :

BNA_G

ClientSampleId :

PB170421BS

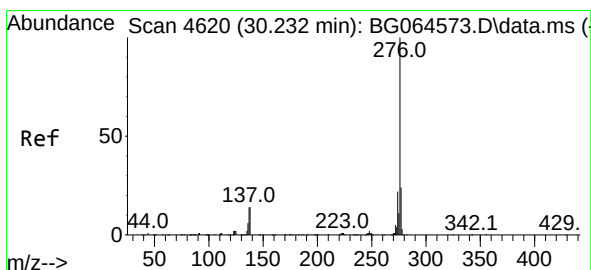
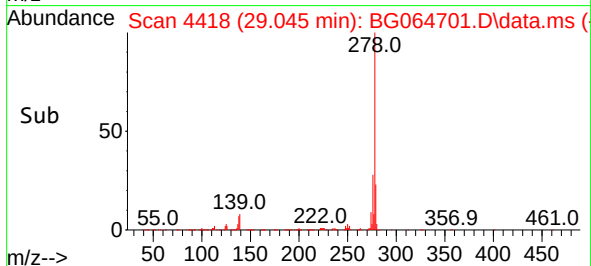
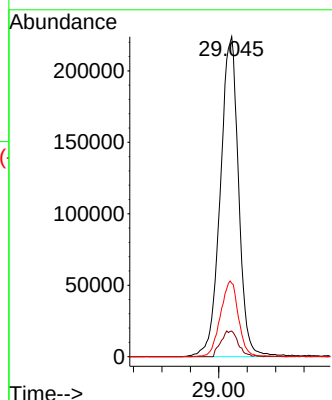
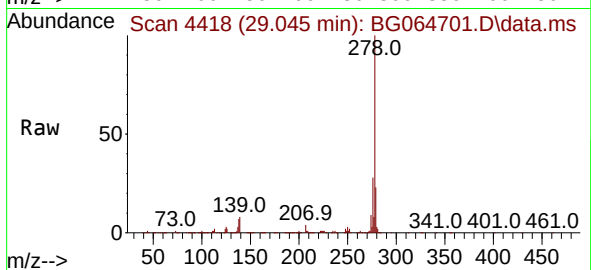
Tgt Ion:278 Resp: 999457

Ion Ratio Lower Upper

278 100

139 8.0 8.0 12.0

279 23.0 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 49.885 ng

RT: 30.168 min Scan# 4609

Delta R.T. -0.065 min

Lab File: BG064701.D

Acq: 6 Nov 2025 13:35

Tgt Ion:276 Resp: 961369

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 10.2 11.3 16.9#

