

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064718.D
 Acq On : 7 Nov 2025 16:13
 Operator : RC/JU
 Sample : PB170446BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS

Quant Time: Nov 07 17:40:32 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	8.202	152	35988	20.000	ng	-0.02
21) Naphthalene-d8	11.029	136	145823	20.000	ng	#-0.02
39) Acenaphthene-d10	14.830	164	117246	20.000	ng	-0.01
64) Phenanthrene-d10	17.562	188	320223	20.000	ng	#-0.02
76) Chrysene-d12	21.834	240	354211	20.000	ng	#-0.03
86) Perylene-d12	25.159	264	356180	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	197902	92.302	ng	-0.01
7) Phenol-d6	7.345	99	276118	93.851	ng	0.00
23) Nitrobenzene-d5	9.372	82	259463	106.869	ng	-0.01
42) 2,4,6-Tribromophenol	16.305	330	212794	125.749	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	733449	94.820	ng	-0.02
79) Terphenyl-d14	20.153	244	1771527	94.383	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.561	88	26445	27.859	ng	100
3) Pyridine	3.972	79	71568	25.107	ng	99
4) n-Nitrosodimethylamine	3.878	42	55853	36.537	ng	99
6) Aniline	7.515	93	82230	20.540	ng	98
8) 2-Chlorophenol	7.762	128	110221	49.114	ng	97
10) Phenol	7.374	94	145919	44.847	ng	96
11) bis(2-Chloroethyl)ether	7.609	93	94835	39.643	ng	94
12) 1,3-Dichlorobenzene	8.091	146	115838	44.847	ng	98
13) 1,4-Dichlorobenzene	8.238	146	120106	45.731	ng	92
14) 1,2-Dichlorobenzene	8.561	146	115799	45.712	ng	97
15) Benzyl Alcohol	8.437	79	109955	45.321	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.731	45	231017	36.816	ng	98
17) 2-Methylphenol	8.637	107	103110	47.730	ng	96
18) Hexachloroethane	9.301	117	42651	46.276	ng	89
19) n-Nitroso-di-n-propyla...	9.007	70	86264	42.426	ng	96
20) 3+4-Methylphenols	8.966	107	137137	45.140	ng	97
22) Acetophenone	9.025	105	174645	43.812	ng	# 96
24) Nitrobenzene	9.413	77	133366	50.505	ng	95
25) Isophorone	9.942	82	247010	42.400	ng	99
26) 2-Nitrophenol	10.124	139	62689	60.646	ng	# 91
27) 2,4-Dimethylphenol	10.182	122	113852	52.539	ng	96
28) bis(2-Chloroethoxy)met...	10.418	93	138337	41.706	ng	99
29) 2,4-Dichlorophenol	10.670	162	126341	54.174	ng	95
30) 1,2,4-Trichlorobenzene	10.888	180	141919	53.559	ng	99
31) Naphthalene	11.081	128	365996	45.269	ng	99
32) Benzoic acid	10.312	122	67822	41.962	ng	96
33) 4-Chloroaniline	11.175	127	84449	26.874	ng	99
34) Hexachlorobutadiene	11.369	225	111786	53.944	ng	96
35) Caprolactam	11.951	113	23335	26.088	ng	# 92
36) 4-Chloro-3-methylphenol	12.286	107	138162	49.286	ng	96
37) 2-Methylnaphthalene	12.674	142	266930	44.969	ng	98
38) 1-Methylnaphthalene	12.674	142	266930	45.425	ng	96
40) 1,2,4,5-Tetrachloroben...	13.038	216	203107	51.617	ng	99
41) Hexachlorocyclopentadiene	13.020	237	227216	128.291	ng	98
43) 2,4,6-Trichlorophenol	13.267	196	126996	56.423	ng	97
44) 2,4,5-Trichlorophenol	13.343	196	143966	55.427	ng	95

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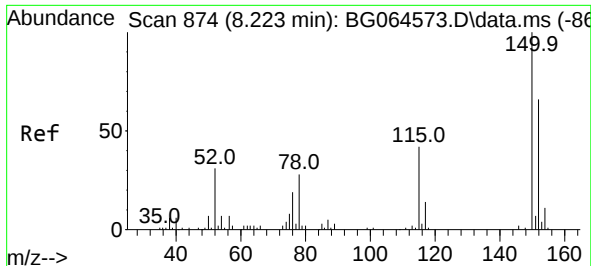
Quant Time: Nov 07 17:40:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.667	154	385282	46.222	ng	96
47) 2-Chloronaphthalene	13.714	162	299284	47.567	ng	98
48) 2-Nitroaniline	13.902	65	108644	51.205	ng	98
49) Acenaphthylene	14.554	152	486504	49.022	ng	99
50) Dimethylphthalate	14.278	163	421832	47.018	ng	99
51) 2,6-Dinitrotoluene	14.389	165	88904	59.255	ng	94
52) Acenaphthene	14.895	154	355759	52.469	ng	100
53) 3-Nitroaniline	14.718	138	68743	44.585	ng	99
54) 2,4-Dinitrophenol	14.924	184	100548	108.553	ng	# 33
55) Dibenzofuran	15.224	168	520699	47.501	ng	100
56) 4-Nitrophenol	15.018	139	143402	100.317	ng	92
57) 2,4-Dinitrotoluene	15.171	165	130544	56.461	ng	96
58) Fluorene	15.870	166	405398	47.355	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.441	232	153197	61.680	ng	97
60) Diethylphthalate	15.629	149	419578	45.803	ng	100
61) 4-Chlorophenyl-phenyle...	15.858	204	246924	51.397	ng	98
62) 4-Nitroaniline	15.876	138	88663	51.689	ng	95
63) Azobenzene	16.152	77	353338	42.039	ng	96
65) 4,6-Dinitro-2-methylph...	15.935	198	79941	55.745	ng	97
66) n-Nitrosodiphenylamine	16.070	169	378263	43.730	ng	98
67) 4-Bromophenyl-phenylether	16.751	248	186989	49.276	ng	95
68) Hexachlorobenzene	16.875	284	218758	50.531	ng	94
69) Atrazine	17.004	200	108790	29.225	ng	99
70) Pentachlorophenol	17.210	266	217428	80.540	ng	94
71) Phenanthrene	17.609	178	757287	43.245	ng	99
72) Anthracene	17.697	178	742963	41.708	ng	99
73) Carbazole	17.956	167	644075	41.002	ng	99
74) Di-n-butylphthalate	18.514	149	732775	40.341	ng	99
75) Fluoranthene	19.601	202	958451	43.690	ng	97
77) Benzidine	19.765	184	70842	8.927	ng	95
78) Pyrene	19.959	202	990260	42.790	ng	99
80) Butylbenzylphthalate	20.835	149	334761	47.861	ng	91
81) Benzo(a)anthracene	21.816	228	1120923	47.727	ng	100
82) 3,3'-Dichlorobenzidine	21.722	252	353006	45.010	ng	98
83) Chrysene	21.881	228	1054272	47.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.716	149	495941	47.452	ng	# 96
85) Di-n-octyl phthalate	22.968	149	865838	49.137	ng	95
87) Indeno(1,2,3-cd)pyrene	28.978	276	1379002	52.630	ng	# 96
88) Benzo(b)fluoranthene	24.107	252	1200201	54.952	ng	# 98
89) Benzo(k)fluoranthene	24.107	252	1200201	54.914	ng	96
90) Benzo(a)pyrene	25.006	252	1003625	49.990	ng	# 97
91) Dibenzo(a,h)anthracene	29.060	278	1173489	55.127	ng	# 96
92) Benzo(g,h,i)perylene	30.177	276	1126075	55.376	ng	# 96

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

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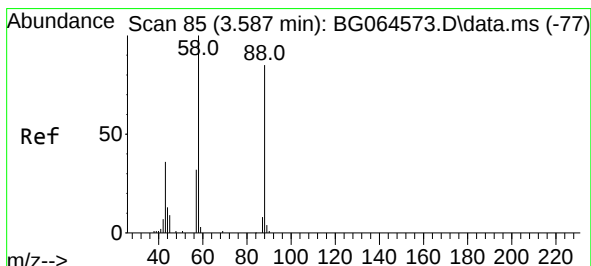
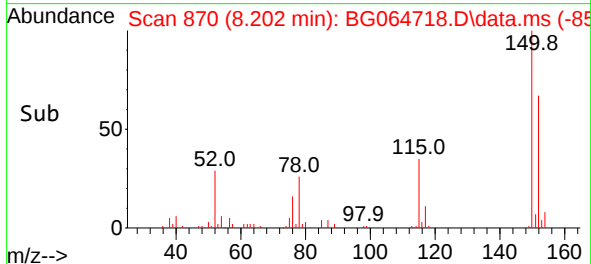
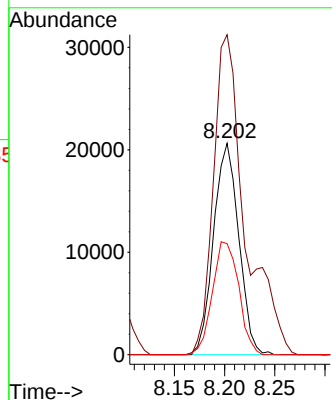
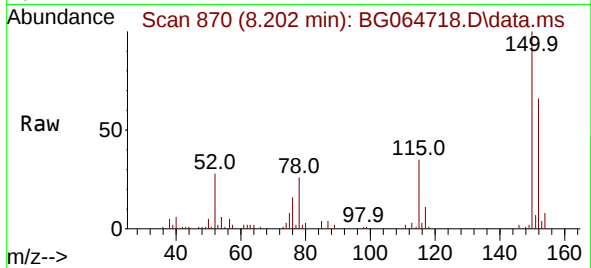




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 81
Delta R.T. -0.021 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

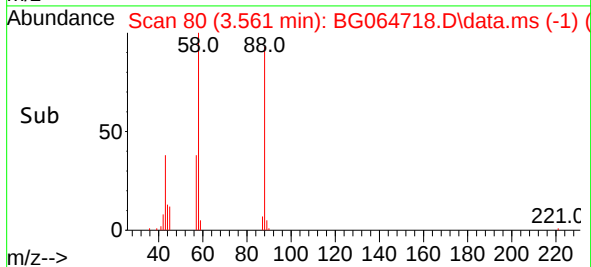
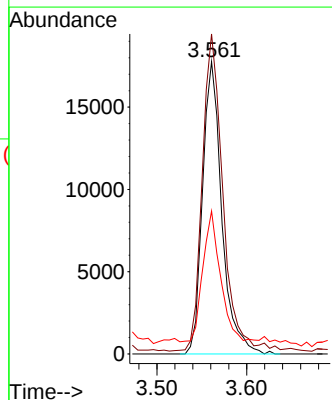
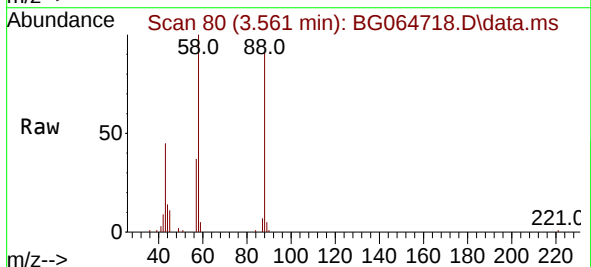
Instrument :
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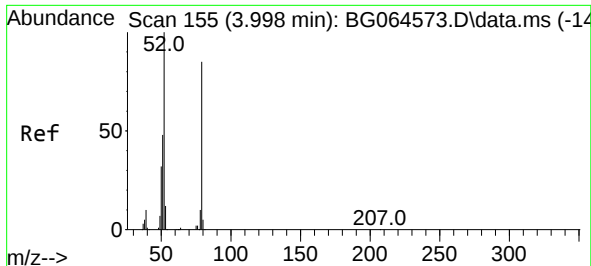
Tgt Ion:152 Resp: 35988
Ion Ratio Lower Upper
152 100
150 151.4 122.2 183.4
115 52.6 50.8 76.2



#2
1,4-Dioxane
Concen: 27.859 ng
RT: 3.561 min Scan# 80
Delta R.T. -0.026 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 88 Resp: 26445
Ion Ratio Lower Upper
88 100
58 115.2 92.4 138.6
43 41.0 33.0 49.6



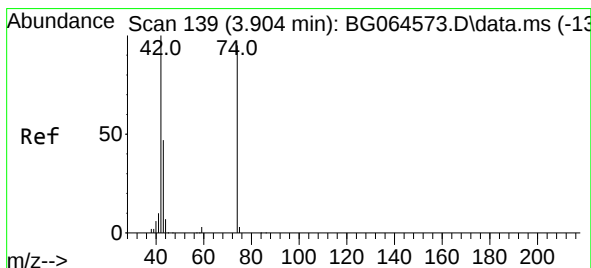
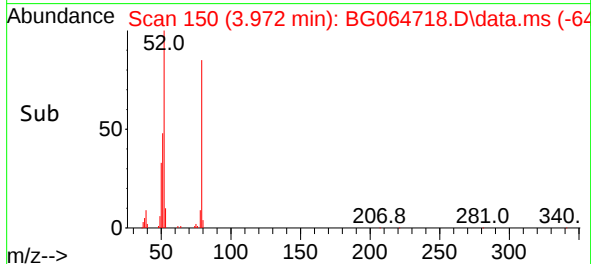
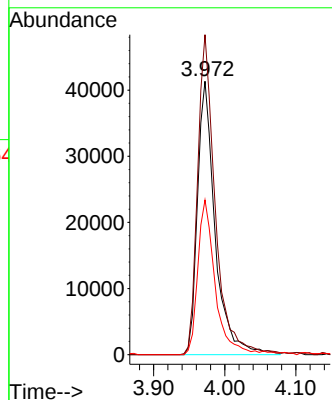
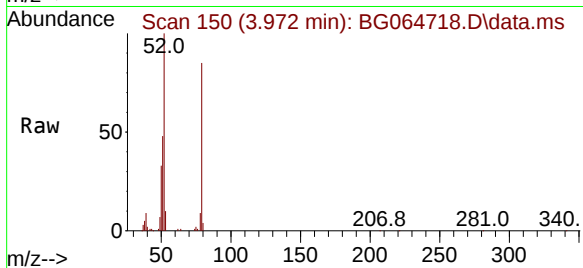


#3
 Pyridine
 Concen: 25.107 ng
 RT: 3.972 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS

Tgt Ion: 79 Resp: 71568

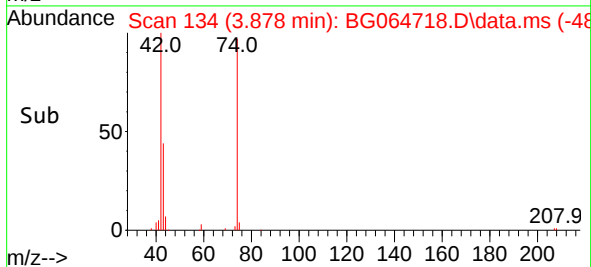
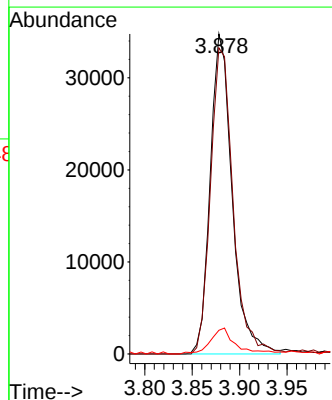
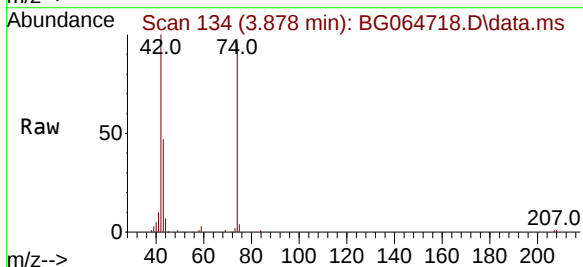
Ion	Ratio	Lower	Upper
79	100		
52	117.1	94.2	141.2
51	56.6	46.1	69.1

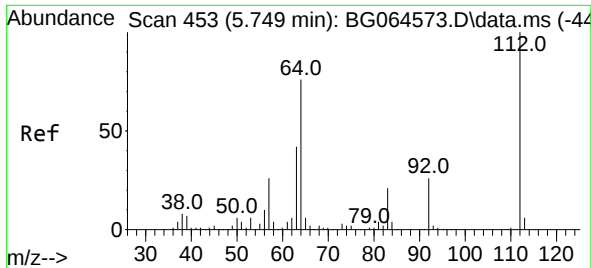


#4
 n-Nitrosodimethylamine
 Concen: 36.537 ng
 RT: 3.878 min Scan# 134
 Delta R.T. -0.026 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

Tgt Ion: 42 Resp: 55853

Ion	Ratio	Lower	Upper
42	100		
74	95.7	76.1	114.1
44	7.4	6.3	9.5

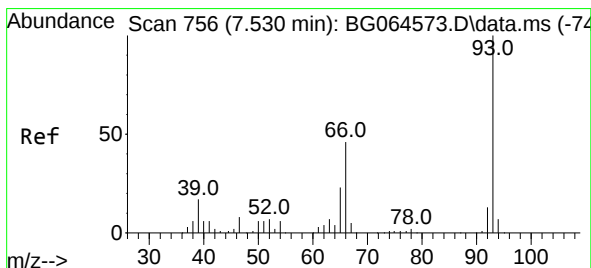
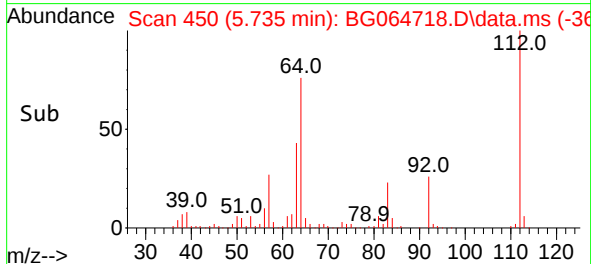
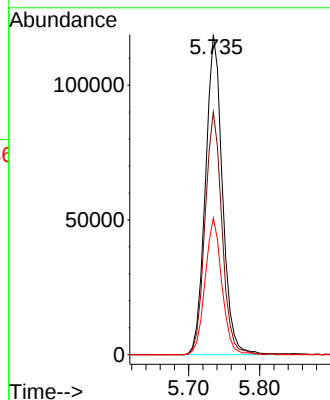
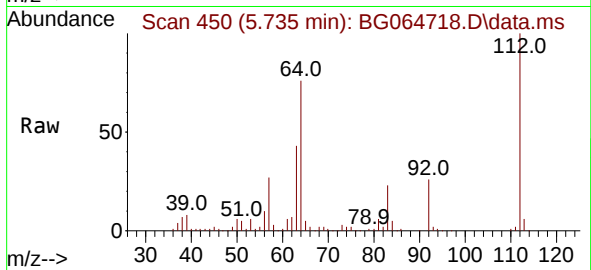




#5
2-Fluorophenol
Concen: 92.302 ng
RT: 5.735 min Scan# 411
Delta R.T. -0.014 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

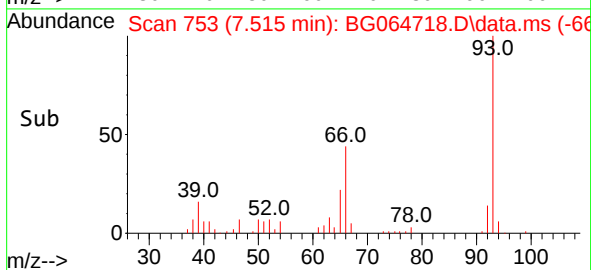
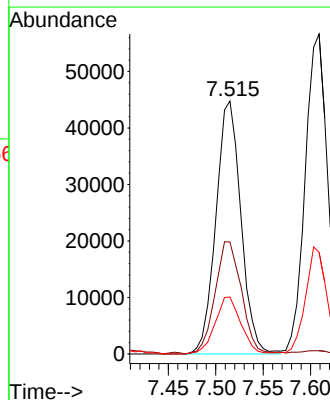
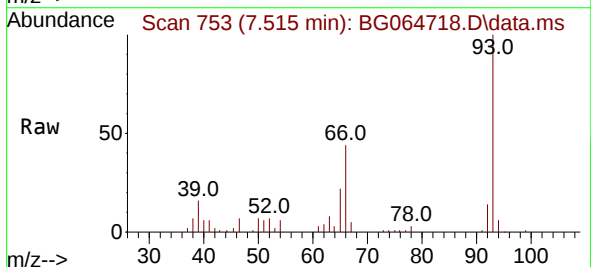
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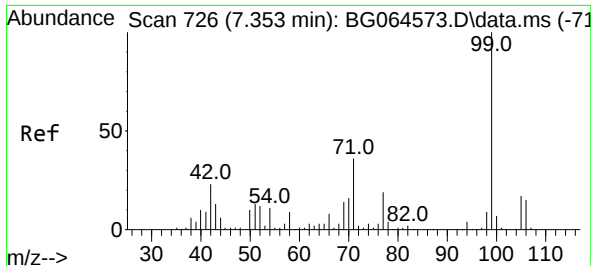
Tgt Ion:112 Resp: 197902
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 42.7 33.4 50.0



#6
Aniline
Concen: 20.540 ng
RT: 7.515 min Scan# 753
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 93 Resp: 82230
Ion Ratio Lower Upper
93 100
66 44.3 37.0 55.6
65 22.5 18.3 27.5

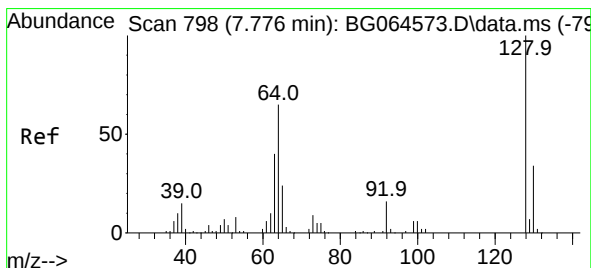
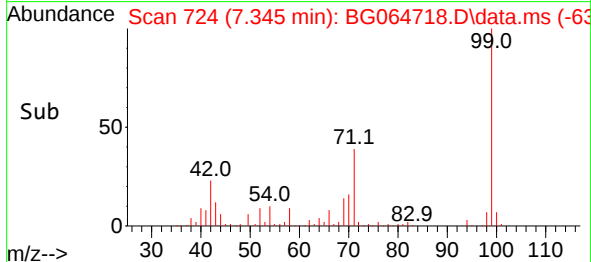
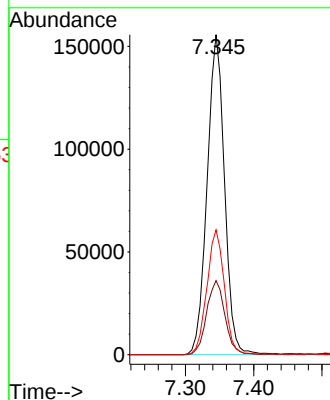
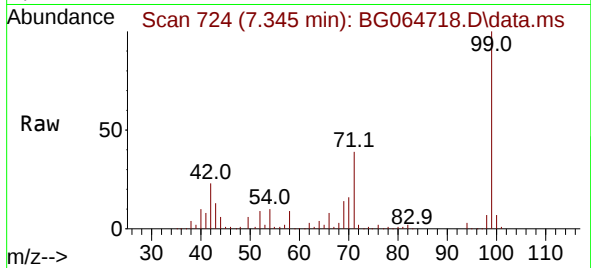




#7
Phenol-d6
Concen: 93.851 ng
RT: 7.345 min Scan# 718
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

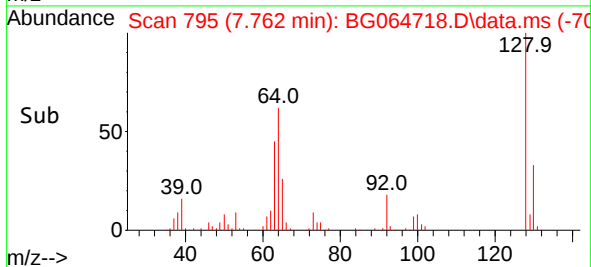
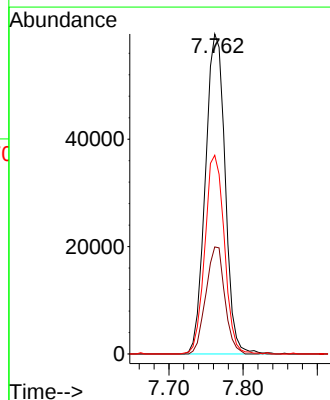
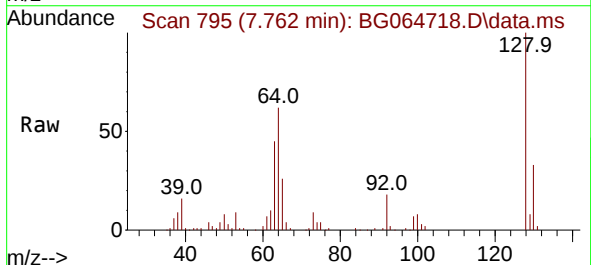
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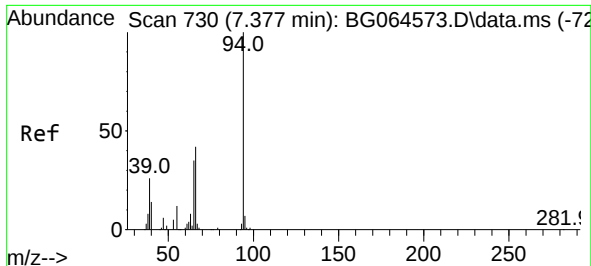
Tgt Ion: 99 Resp: 276118
Ion Ratio Lower Upper
99 100
42 23.1 18.3 27.5
71 39.0 28.6 43.0



#8
2-Chlorophenol
Concen: 49.114 ng
RT: 7.762 min Scan# 795
Delta R.T. -0.014 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 128 Resp: 110221
Ion Ratio Lower Upper
128 100
130 33.4 13.5 53.5
64 62.1 45.2 85.2

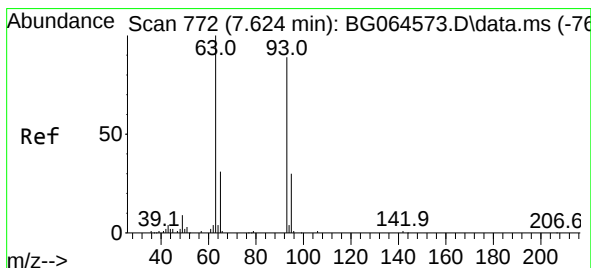
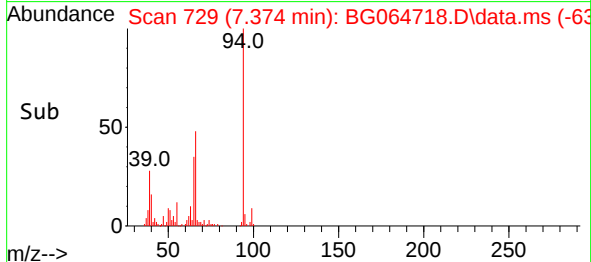
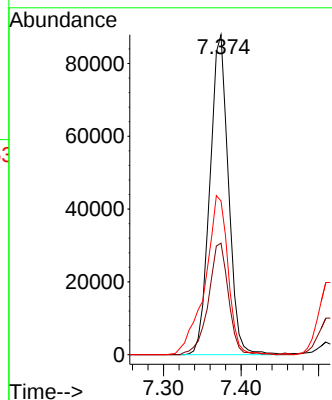
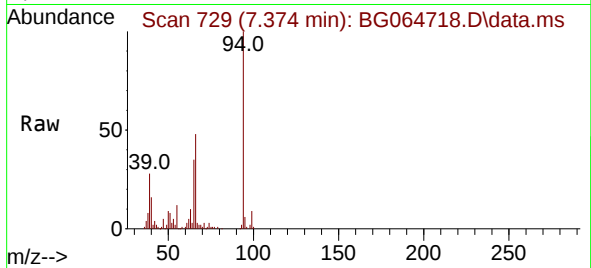




#10
Phenol
Concen: 44.847 ng
RT: 7.374 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

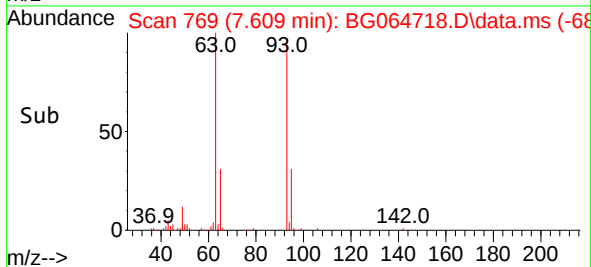
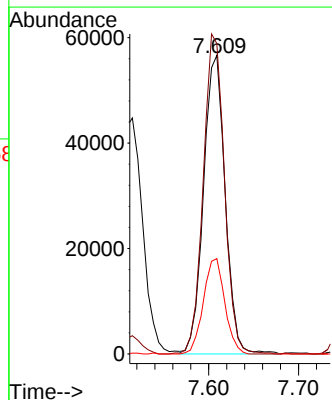
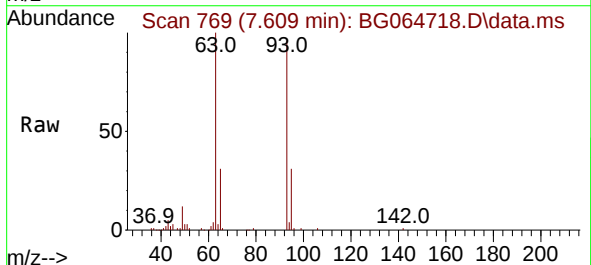
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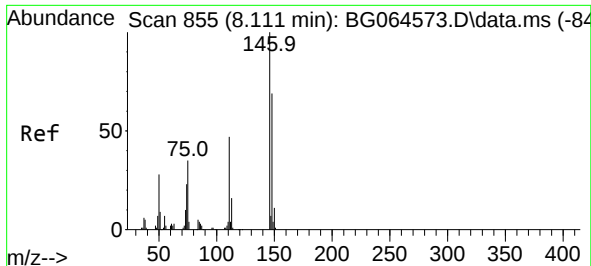
Tgt Ion: 94 Resp: 145919
Ion Ratio Lower Upper
94 100
65 34.9 15.8 55.8
66 48.1 24.0 64.0



#11
bis(2-Chloroethyl)ether
Concen: 39.643 ng
RT: 7.609 min Scan# 769
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 93 Resp: 94835
Ion Ratio Lower Upper
93 100
63 104.0 91.3 131.3
95 31.9 13.3 53.3





#12

1,3-Dichlorobenzene

Concen: 44.847 ng

RT: 8.091 min Scan# 851

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

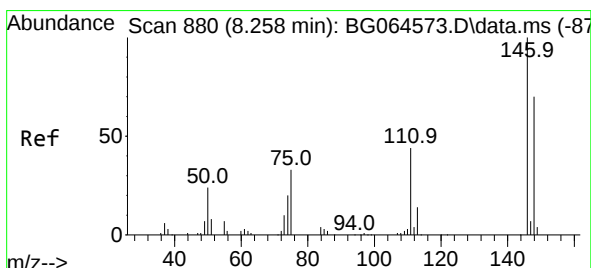
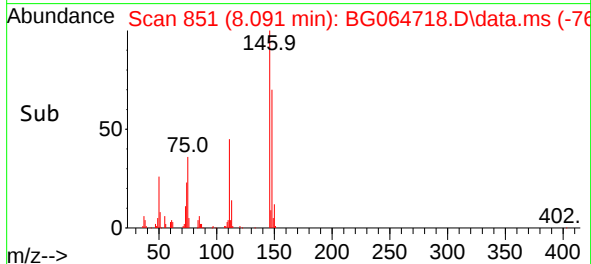
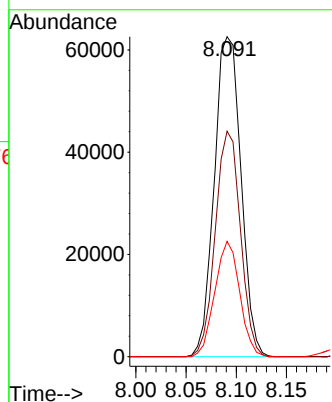
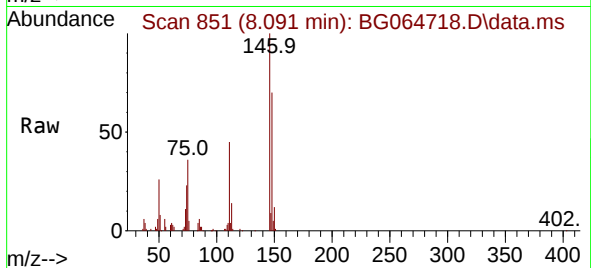
Tgt Ion:146 Resp: 115838

Ion Ratio Lower Upper

146 100

148 70.4 55.3 82.9

75 36.1 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 45.731 ng

RT: 8.238 min Scan# 876

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

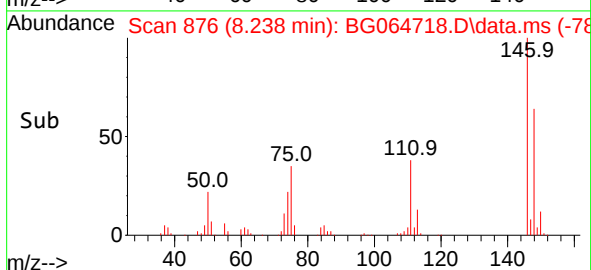
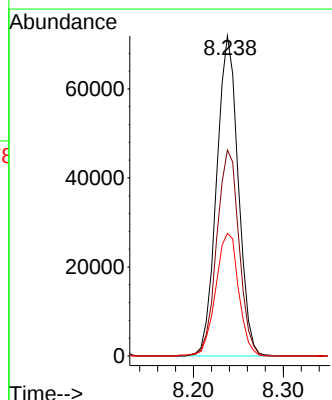
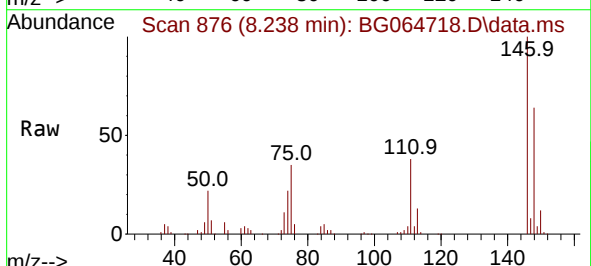
Tgt Ion:146 Resp: 120106

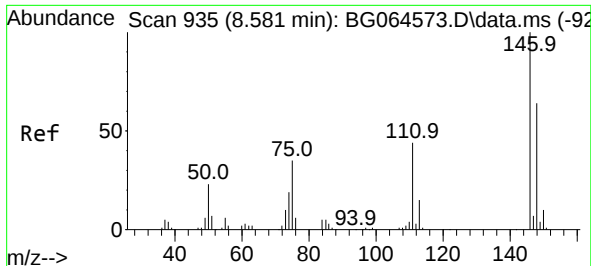
Ion Ratio Lower Upper

146 100

148 64.4 56.2 84.4

111 38.3 35.4 53.0

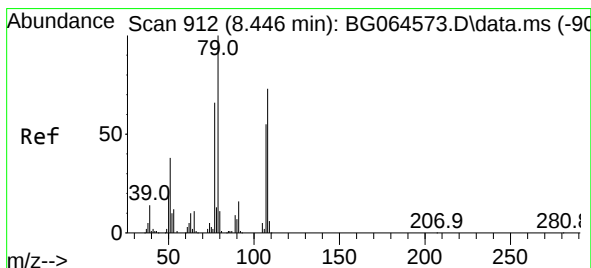
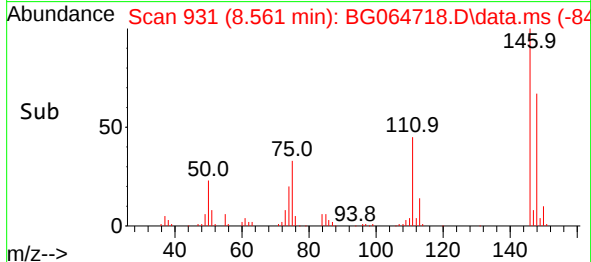
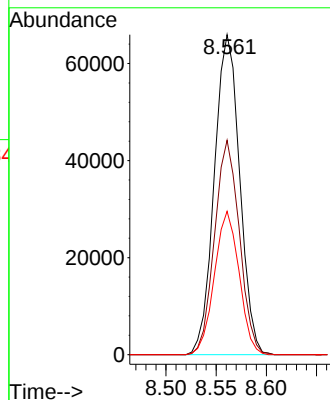
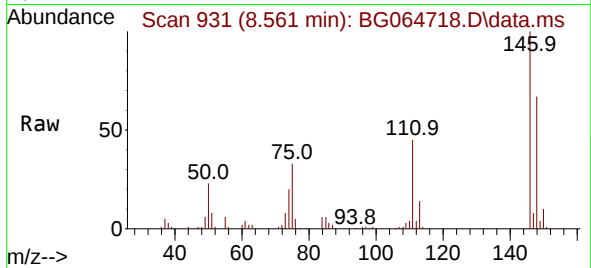




#14
1,2-Dichlorobenzene
Concen: 45.712 ng
RT: 8.561 min Scan# 910
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

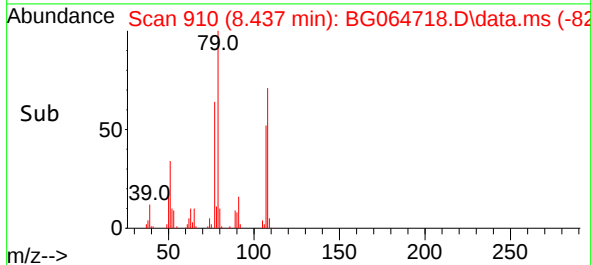
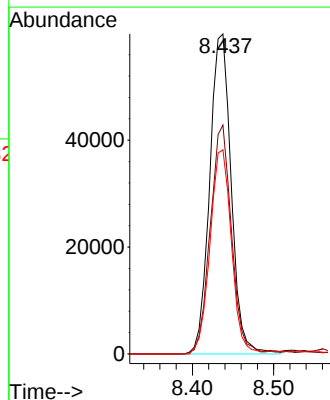
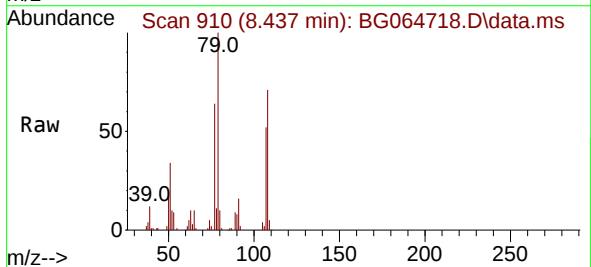
Instrument :
BNA_G
ClientSampleId :
PB170446BS

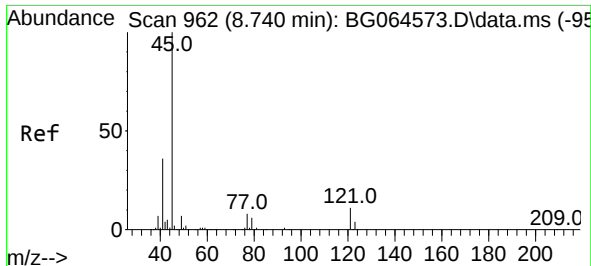
Tgt Ion:146 Resp: 115799
Ion Ratio Lower Upper
146 100
148 67.0 51.5 77.3
111 44.8 35.0 52.6



#15
Benzyl Alcohol
Concen: 45.321 ng
RT: 8.437 min Scan# 910
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 79 Resp: 109955
Ion Ratio Lower Upper
79 100
108 71.5 58.1 87.1
77 63.8 52.8 79.2

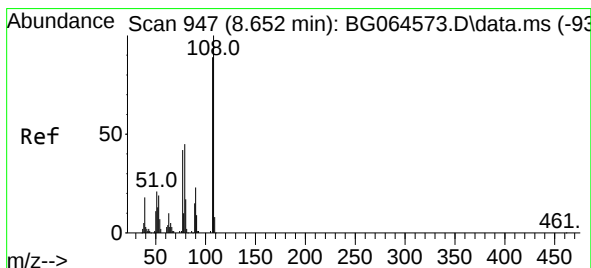
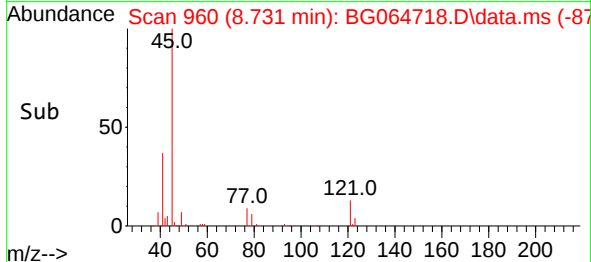
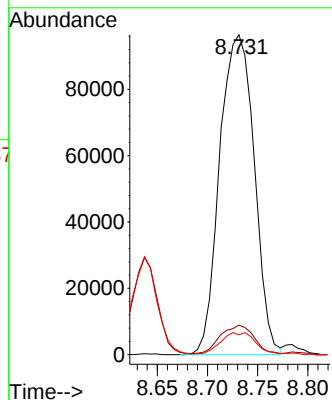
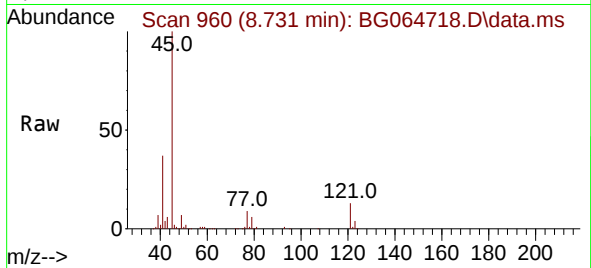




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.816 ng
RT: 8.731 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

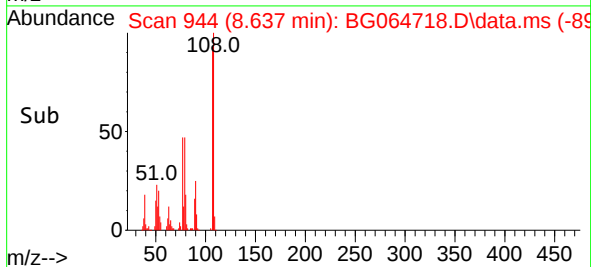
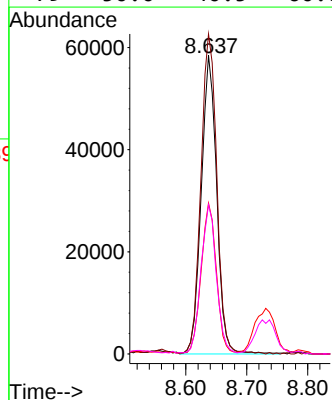
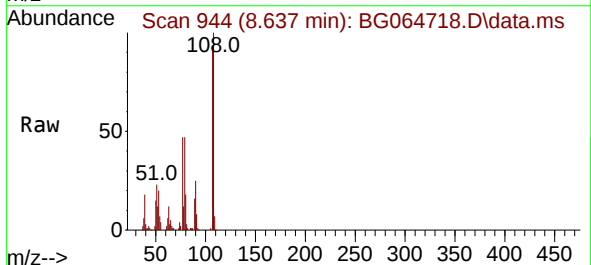
Instrument :
BNA_G
ClientSampleId :
PB170446BS

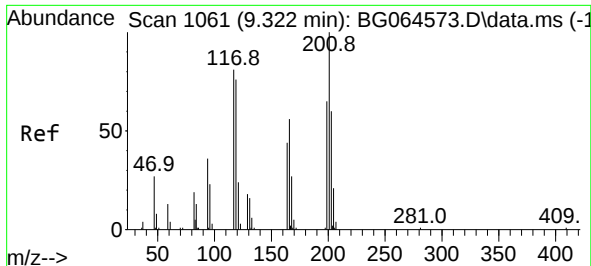
Tgt Ion: 45 Resp: 231017
Ion Ratio Lower Upper
45 100
77 9.3 0.0 28.5
79 6.2 0.0 25.6



#17
2-Methylphenol
Concen: 47.730 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 107 Resp: 103110
Ion Ratio Lower Upper
107 100
108 107.2 90.0 135.0
77 50.5 37.8 56.8
79 50.0 40.5 60.7

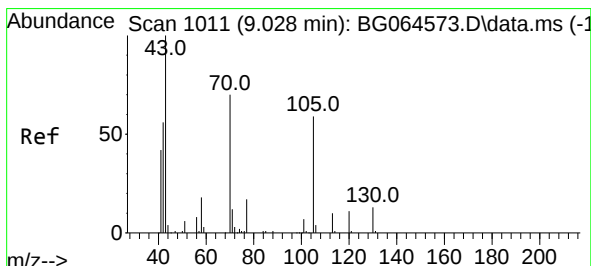
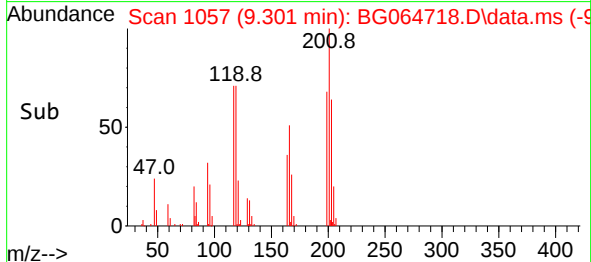
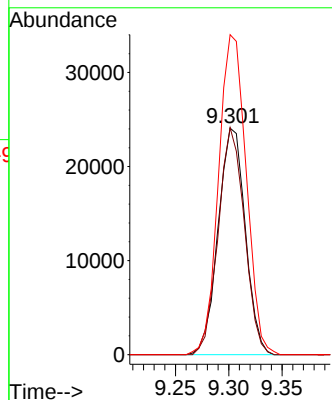
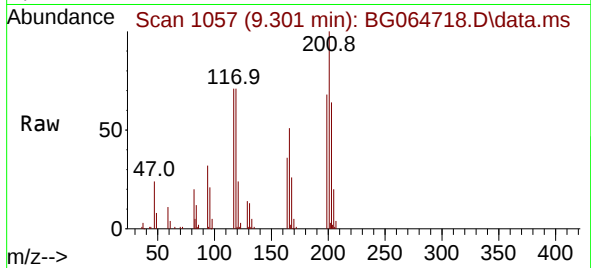




#18
Hexachloroethane
Concen: 46.276 ng
RT: 9.301 min Scan# 1057
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

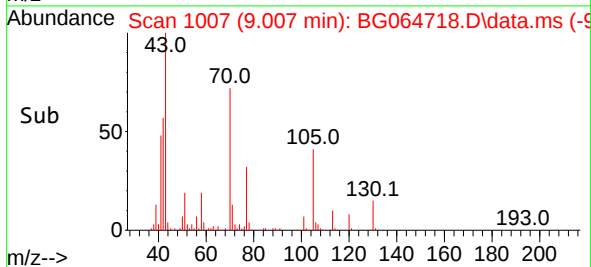
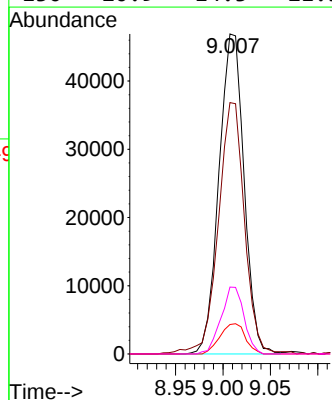
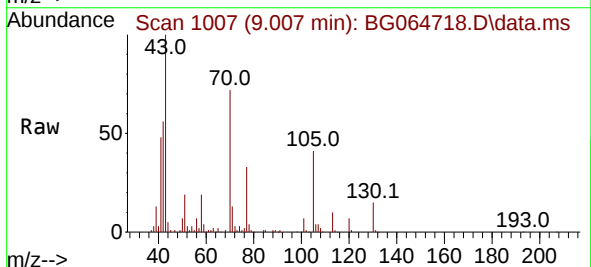
Instrument :
BNA_G
ClientSampleId :
PB170446BS

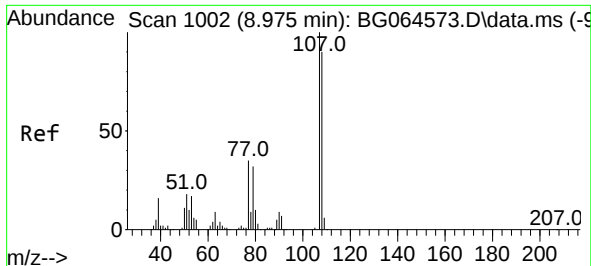
Tgt Ion:117 Resp: 42651
Ion Ratio Lower Upper
117 100
119 100.2 75.4 113.2
201 141.3 99.2 148.8



#19
n-Nitroso-di-n-propylamine
Concen: 42.426 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 70 Resp: 86264
Ion Ratio Lower Upper
70 100
42 78.5 65.2 97.8
101 9.2 7.9 11.9
130 20.9 14.3 21.5



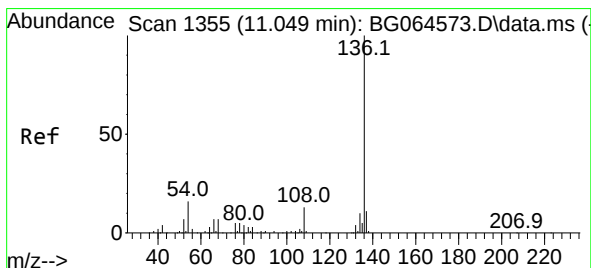
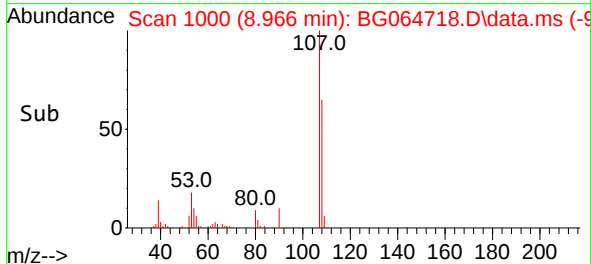
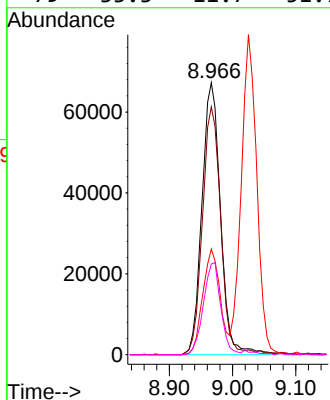
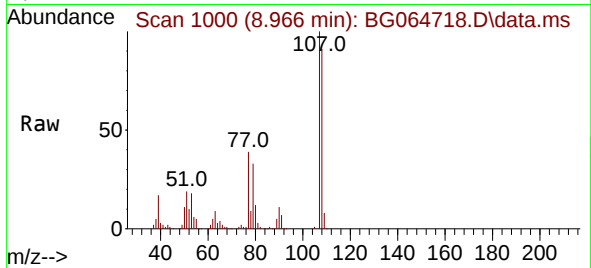


#20
3+4-Methylphenols
Concen: 45.140 ng
RT: 8.966 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :
BNA_G
ClientSampleId :
PB170446BS

Tgt Ion:107 Resp: 137137

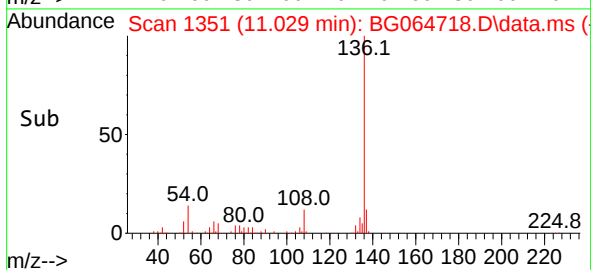
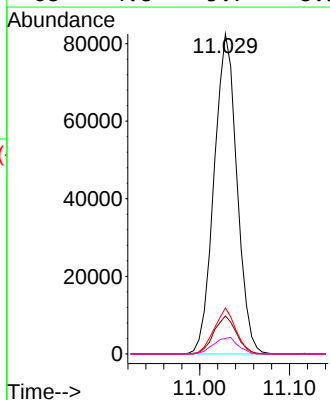
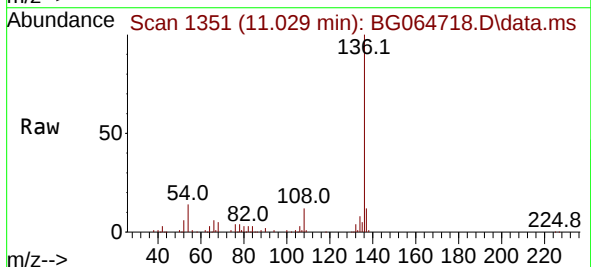
Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.3	110.3
77	38.9	14.6	54.6
79	33.3	11.7	51.7

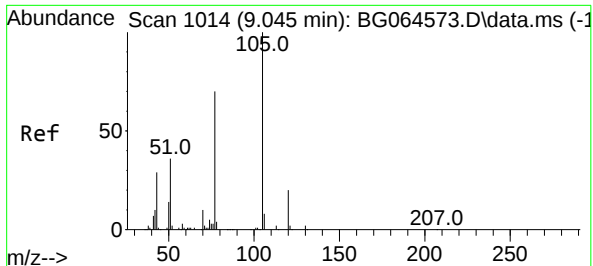


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1351
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:136 Resp: 145823

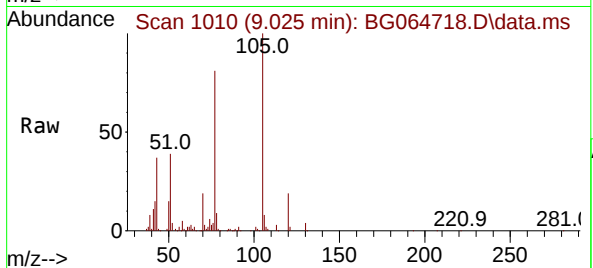
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	14.4	12.6	19.0
68	4.8	5.7	8.5



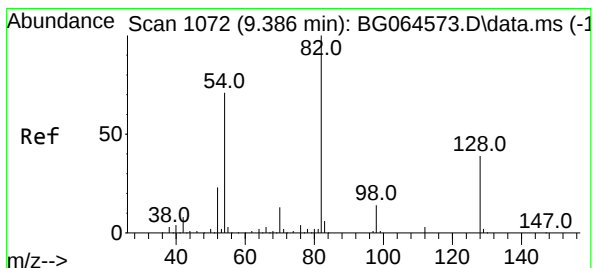
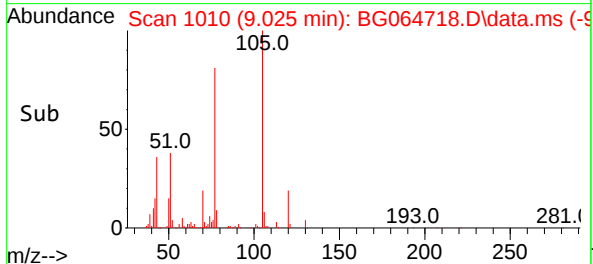
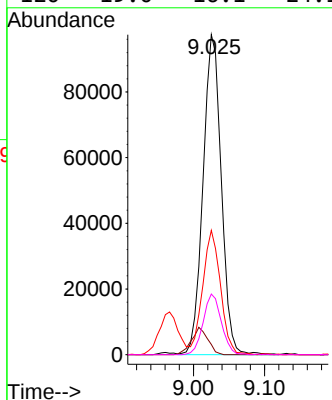


#22
Acetophenone
Concen: 43.812 ng
RT: 9.025 min Scan# 1010
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :
BNA_G
ClientSampleId :
PB170446BS

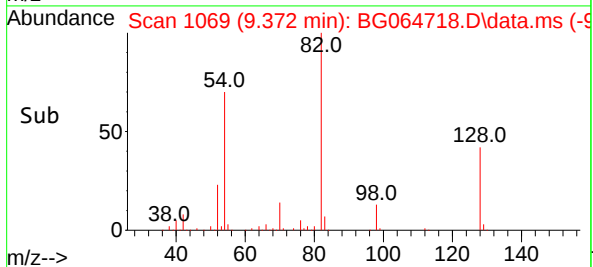
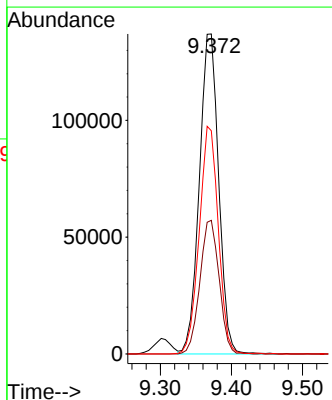
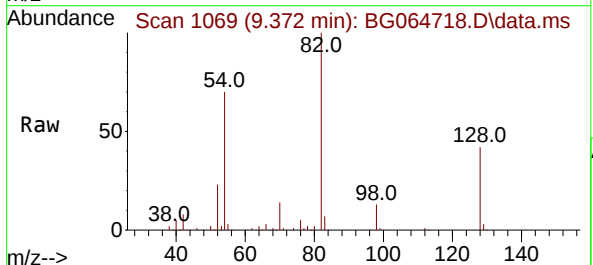


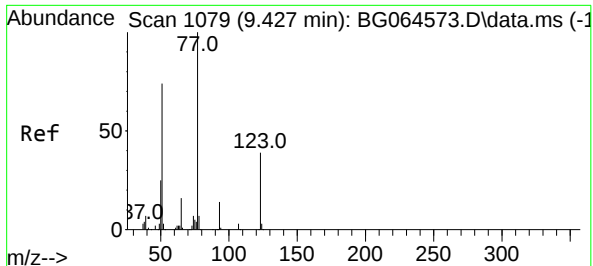
Tgt Ion:105 Resp: 174645
Ion Ratio Lower Upper
105 100
71 3.2 1.5 2.3#
51 38.9 33.7 50.5
120 19.0 16.1 24.1



#23
Nitrobenzene-d5
Concen: 106.869 ng
RT: 9.372 min Scan# 1069
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 82 Resp: 259463
Ion Ratio Lower Upper
82 100
128 41.7 31.3 46.9
54 69.7 56.6 84.8

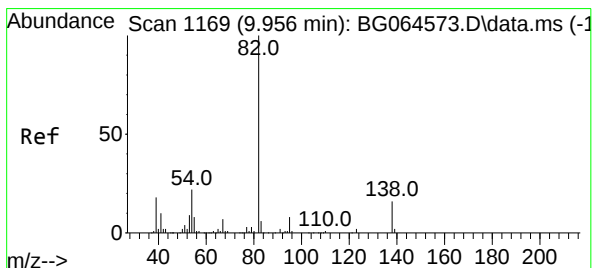
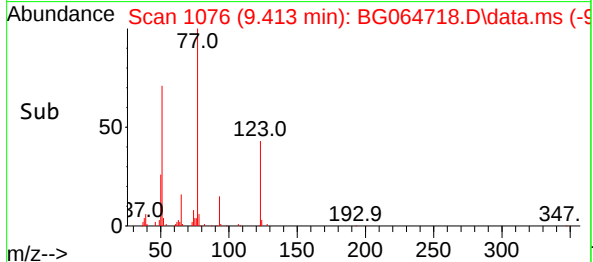
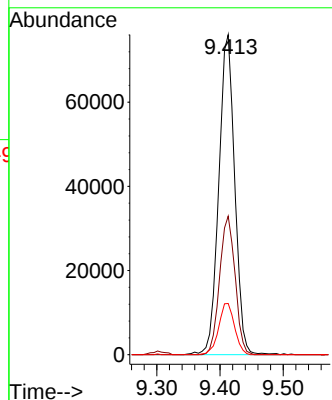
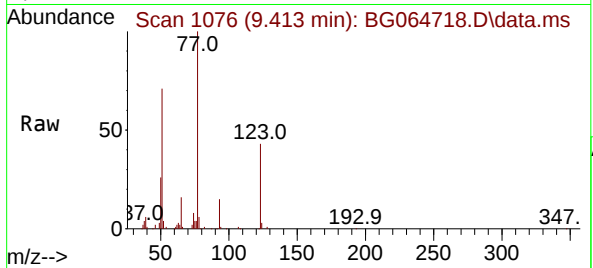




#24
Nitrobenzene
Concen: 50.505 ng
RT: 9.413 min Scan# 1076
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

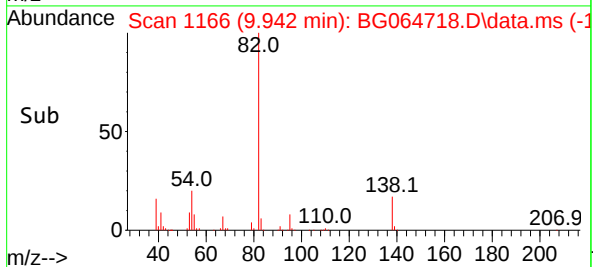
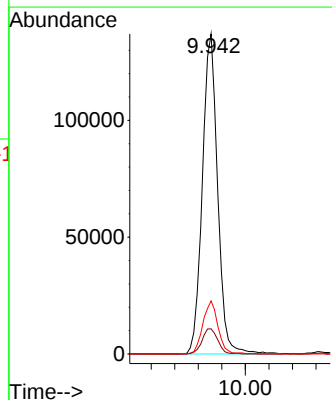
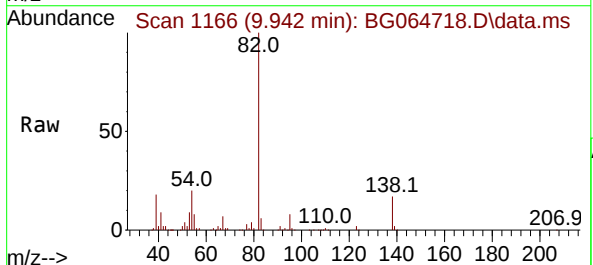
Instrument :
BNA_G
ClientSampleId :
PB170446BS

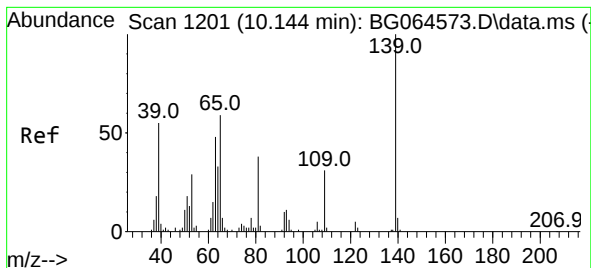
Tgt Ion: 77 Resp: 133366
Ion Ratio Lower Upper
77 100
123 43.3 31.0 46.6
65 16.0 12.7 19.1



#25
Isophorone
Concen: 42.400 ng
RT: 9.942 min Scan# 1166
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 82 Resp: 247010
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 16.5 13.0 19.4

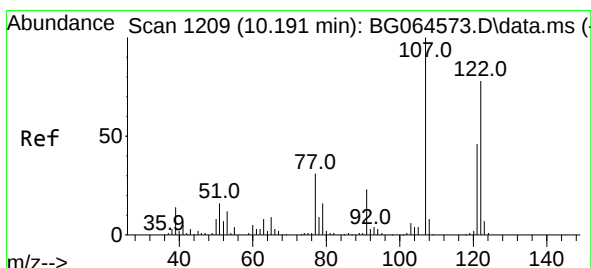
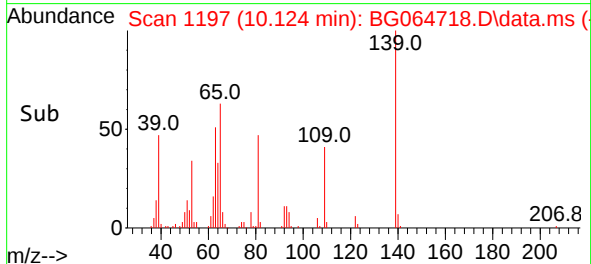
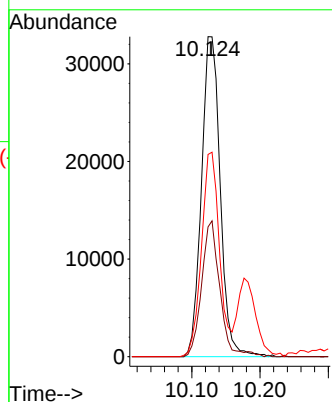
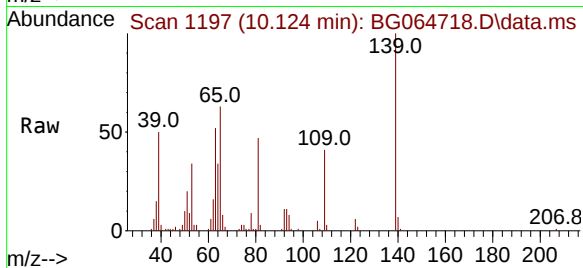




#26
2-Nitrophenol
Concen: 60.646 ng
RT: 10.124 min Scan# 1197
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

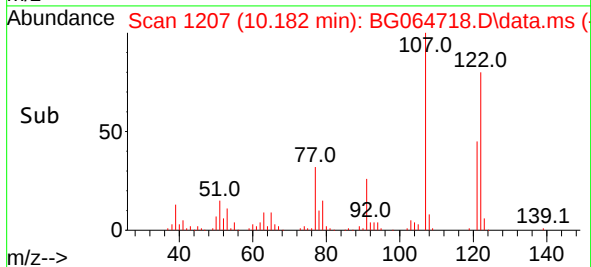
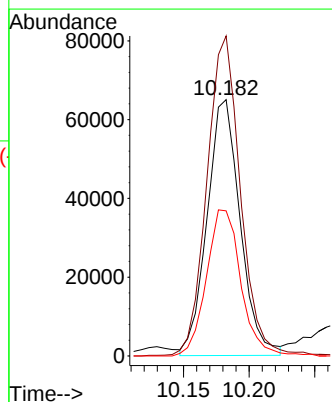
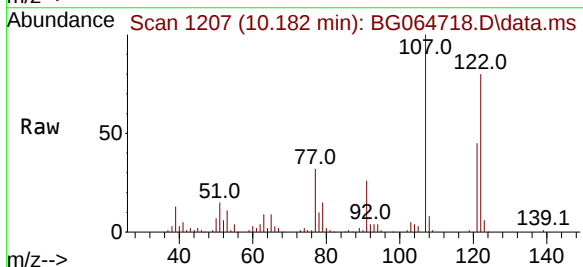
Instrument :
BNA_G
ClientSampleId :
PB170446BS

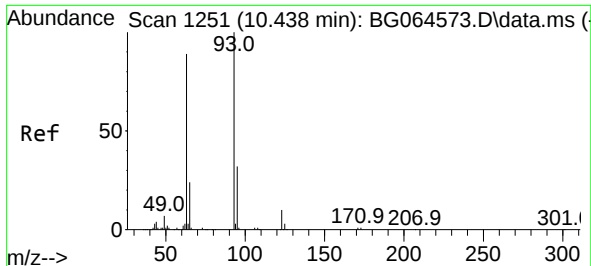
Tgt Ion:139 Resp: 62689
Ion Ratio Lower Upper
139 100
109 40.5 24.6 37.0#
65 63.2 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 52.539 ng
RT: 10.182 min Scan# 1207
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:122 Resp: 113852
Ion Ratio Lower Upper
122 100
107 124.9 103.0 154.4
121 56.6 47.8 71.8

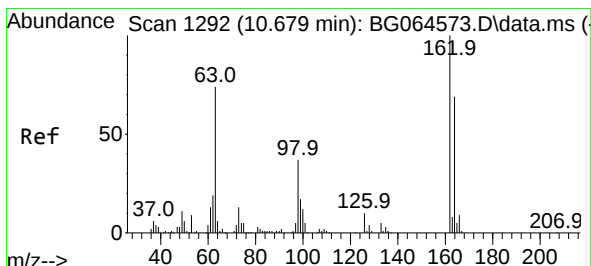
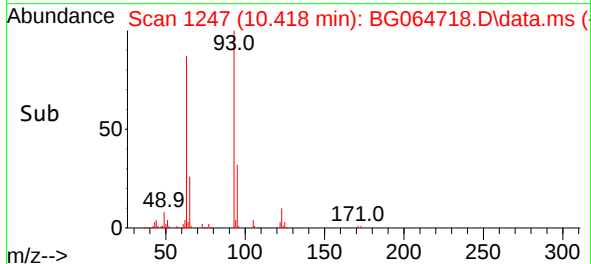
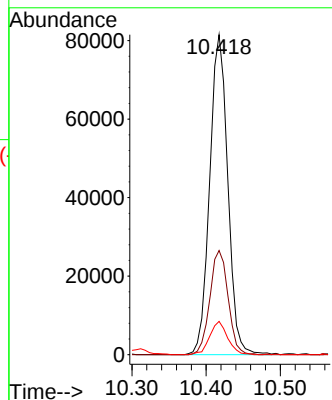
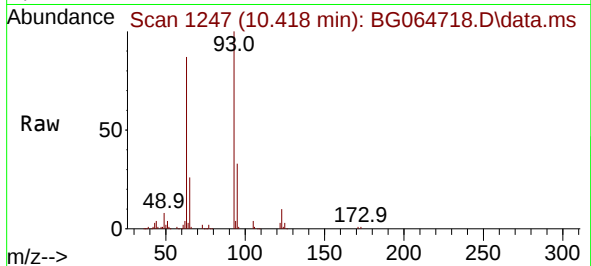




#28
bis(2-Chloroethoxy)methane
Concen: 41.706 ng
RT: 10.418 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

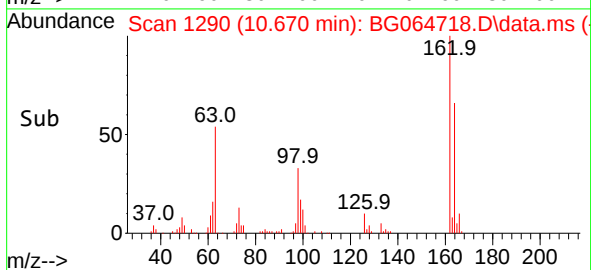
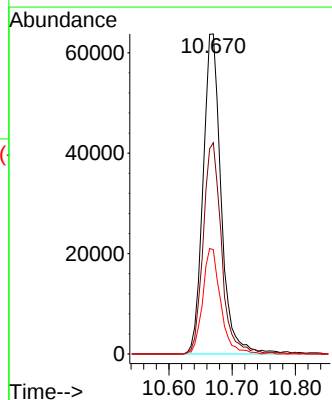
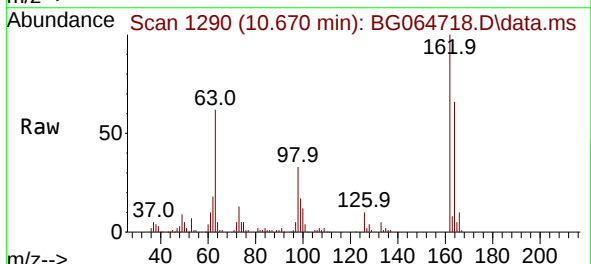
Instrument :
BNA_G
ClientSampleId :
PB170446BS

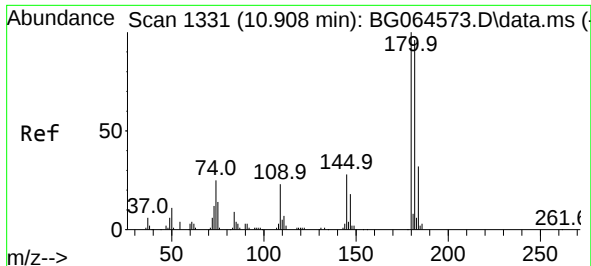
Tgt Ion: 93 Resp: 138337
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 10.4 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 54.174 ng
RT: 10.670 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:162 Resp: 126341
Ion Ratio Lower Upper
162 100
164 66.0 48.7 88.7
98 32.6 16.9 56.9

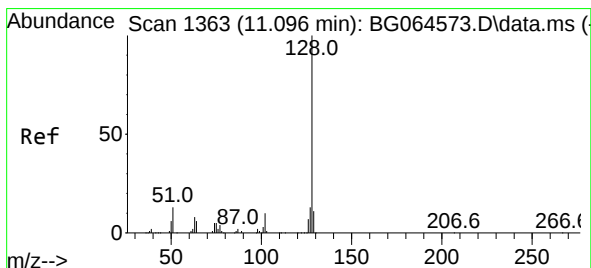
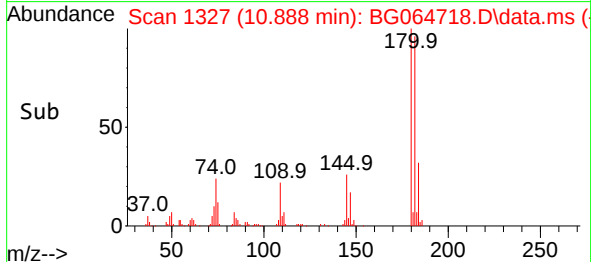
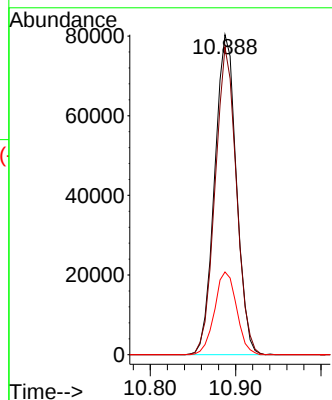
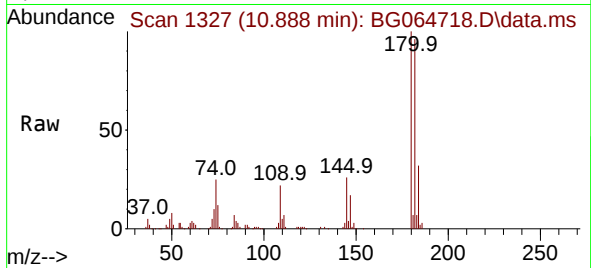




#30
1,2,4-Trichlorobenzene
Concen: 53.559 ng
RT: 10.888 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

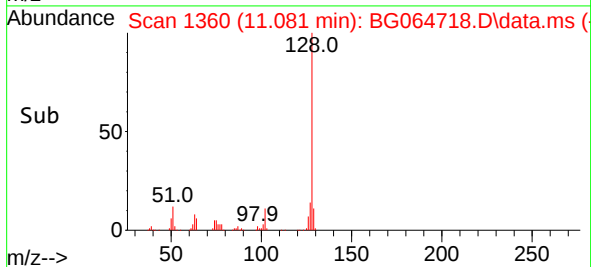
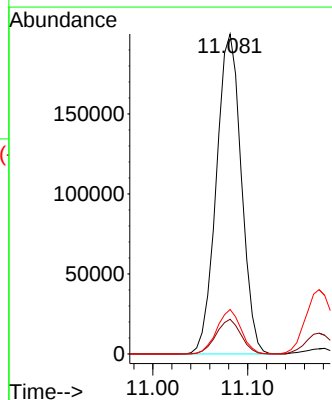
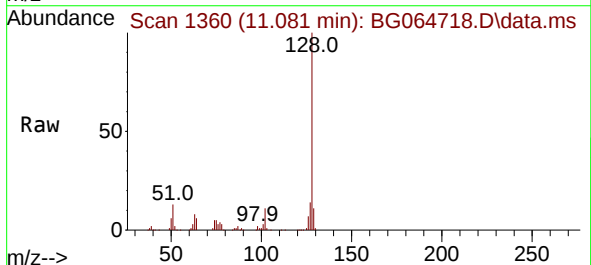
Instrument :
BNA_G
ClientSampleId :
PB170446BS

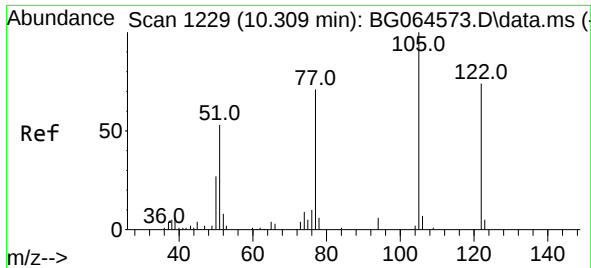
Tgt Ion:180 Resp: 141919
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
145 25.9 22.1 33.1



#31
Naphthalene
Concen: 45.269 ng
RT: 11.081 min Scan# 1360
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:128 Resp: 365996
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.9 10.6 15.8

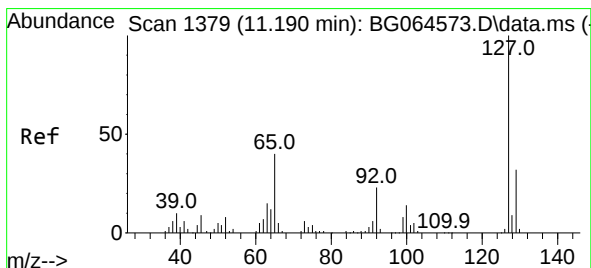
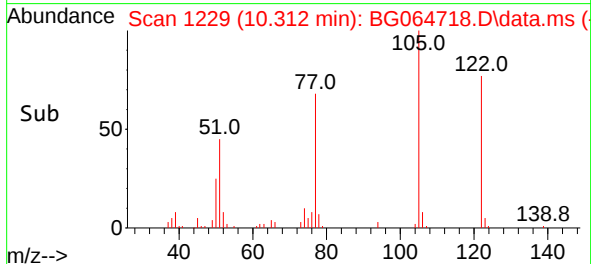
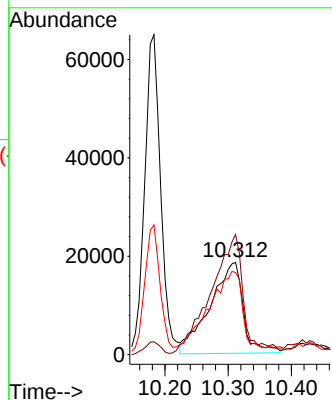
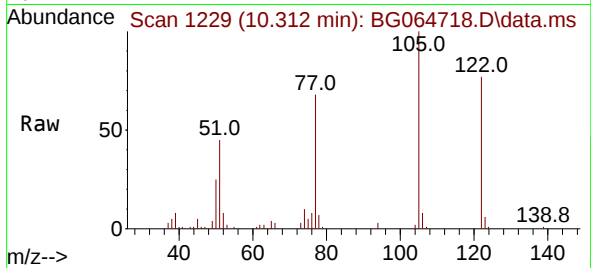




#32
Benzoic acid
Concen: 41.962 ng
RT: 10.312 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

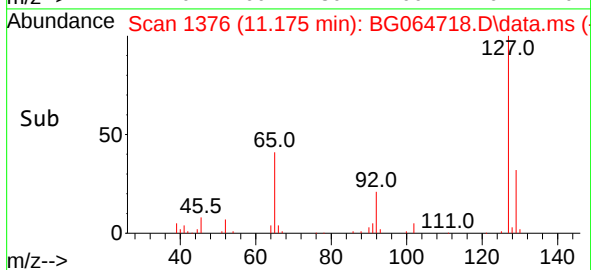
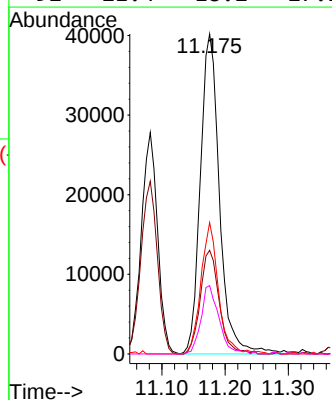
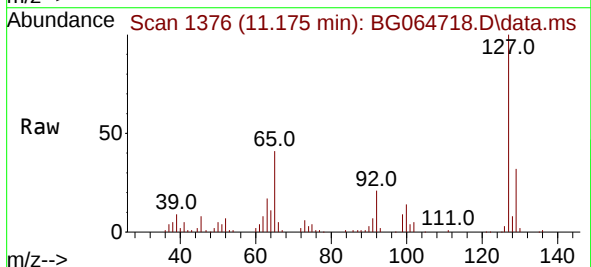
Instrument :
BNA_G
ClientSampleId :
PB170446BS

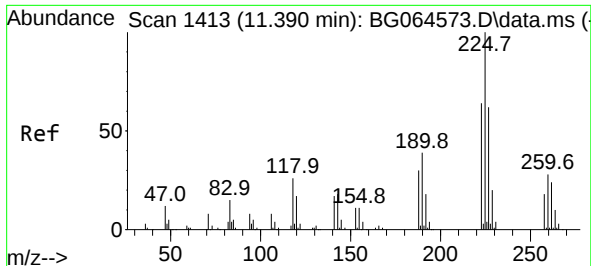
Tgt Ion:122 Resp: 67822
Ion Ratio Lower Upper
122 100
105 130.2 104.2 144.2
77 89.1 70.2 110.2



#33
4-Chloroaniline
Concen: 26.874 ng
RT: 11.175 min Scan# 1376
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:127 Resp: 84449
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 41.0 32.2 48.4
92 21.4 18.2 27.2

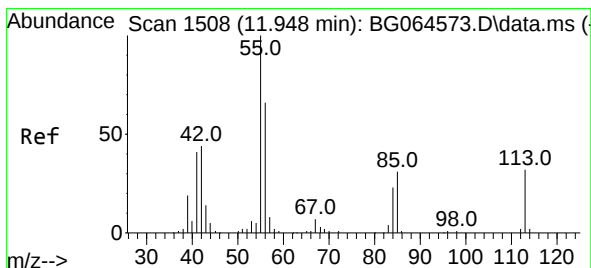
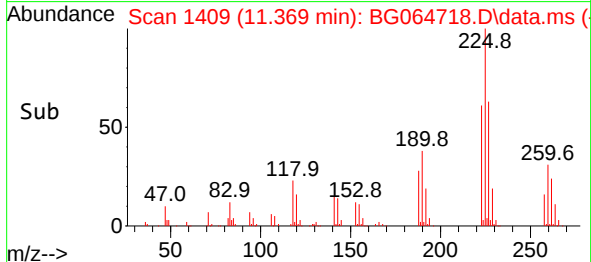
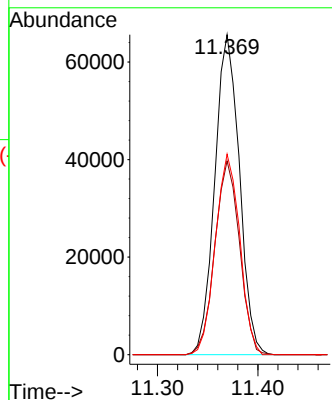
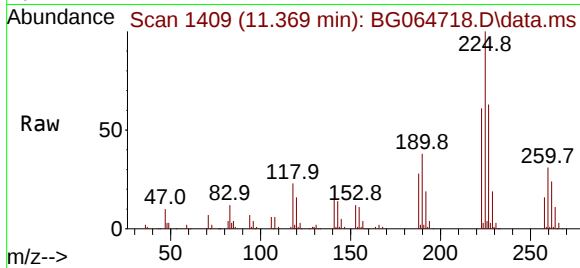




#34
Hexachlorobutadiene
Concen: 53.944 ng
RT: 11.369 min Scan# 1413
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

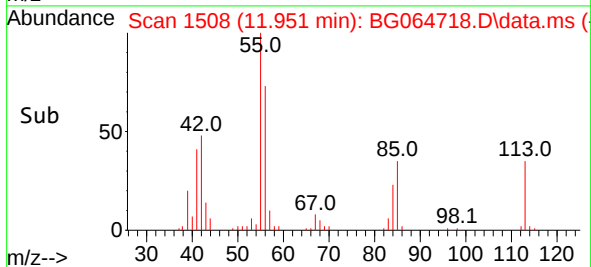
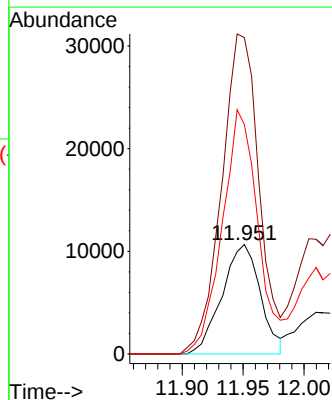
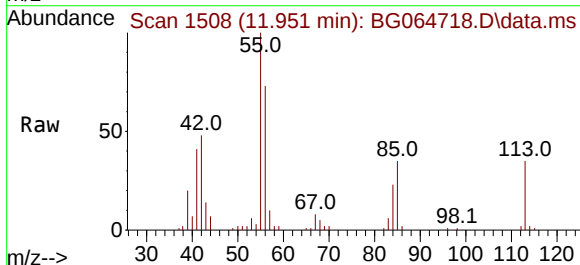
Instrument :
BNA_G
ClientSampleId :
PB170446BS

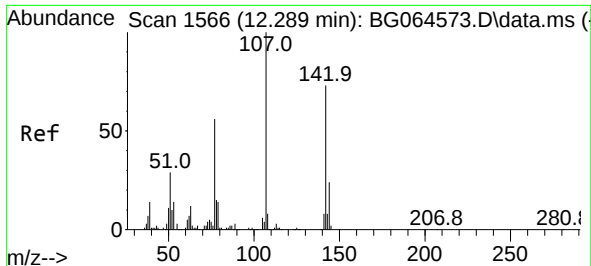
Tgt Ion:225 Resp: 111786
Ion Ratio Lower Upper
225 100
223 63.7 48.8 73.2
227 65.2 49.5 74.3



#35
Caprolactam
Concen: 26.088 ng
RT: 11.951 min Scan# 1508
Delta R.T. 0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:113 Resp: 23335
Ion Ratio Lower Upper
113 100
55 289.1 290.1 330.1#
56 209.7 183.8 223.8

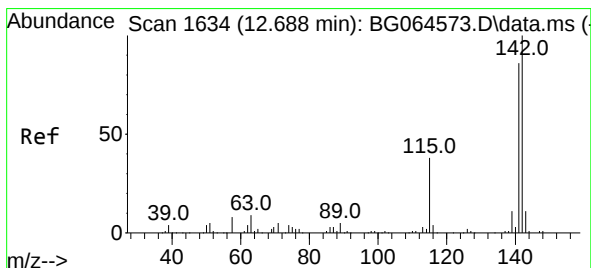
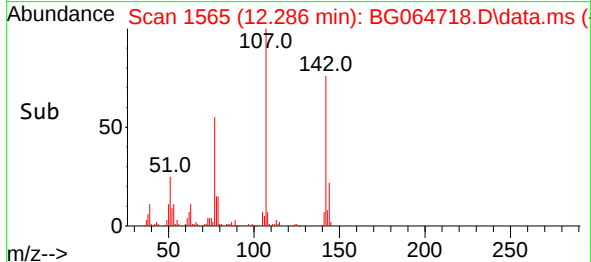
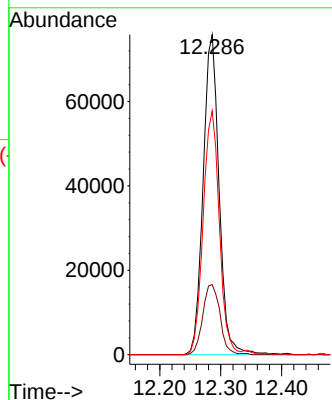
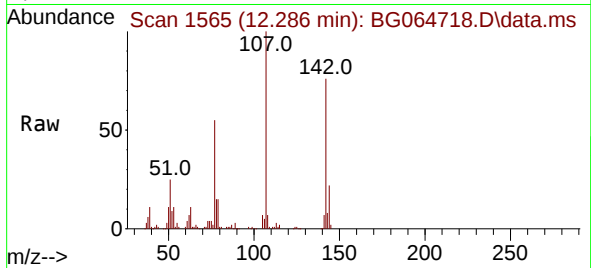




#36
4-Chloro-3-methylphenol
Concen: 49.286 ng
RT: 12.286 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

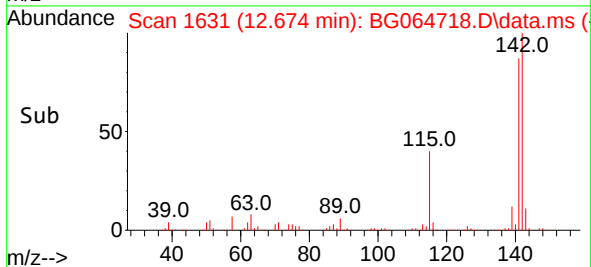
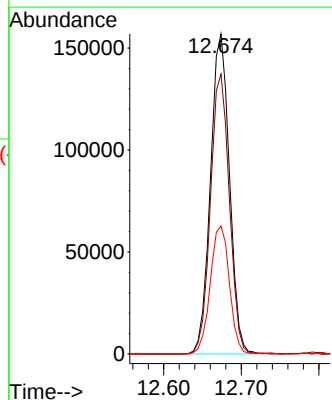
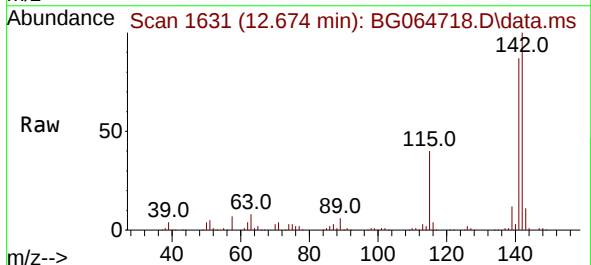
Instrument :
BNA_G
ClientSampleId :
PB170446BS

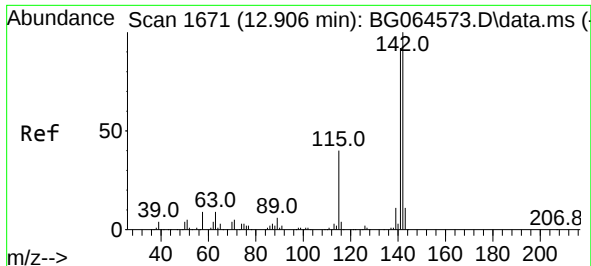
Tgt Ion:107 Resp: 138162
Ion Ratio Lower Upper
107 100
144 21.9 19.1 28.7
142 76.2 58.6 87.8



#37
2-Methylnaphthalene
Concen: 44.969 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:142 Resp: 266930
Ion Ratio Lower Upper
142 100
141 87.5 68.9 103.3
115 39.9 30.6 46.0

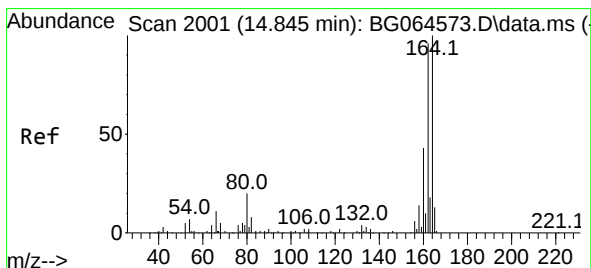
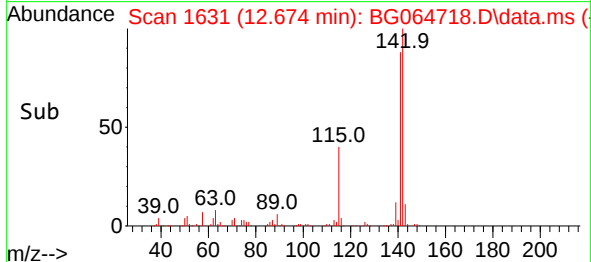
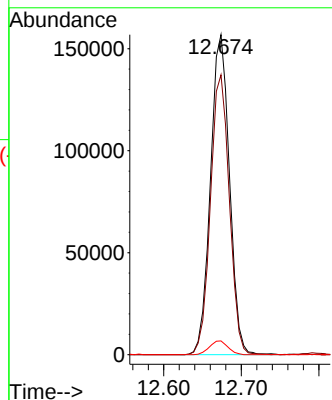
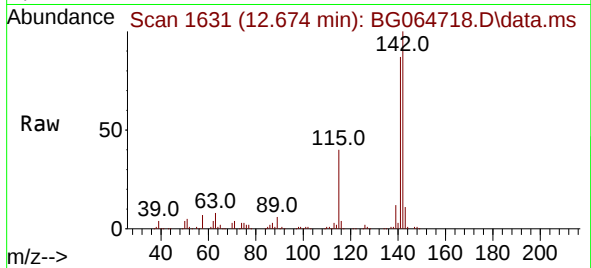




#38
1-Methylnaphthalene
Concen: 45.425 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.232 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

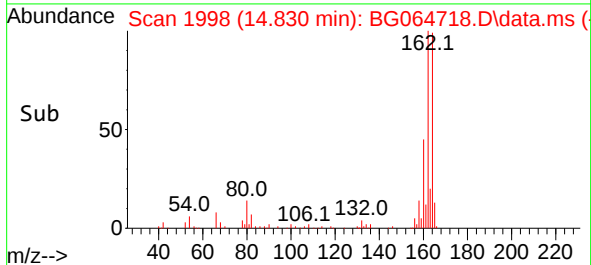
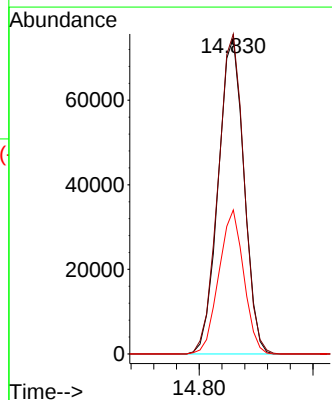
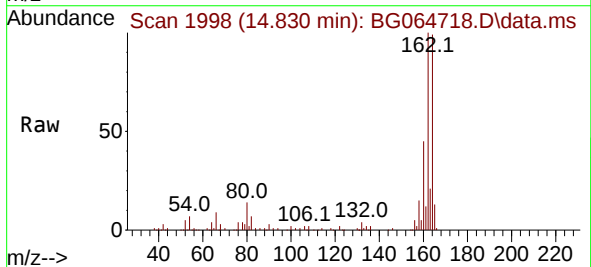
Instrument :
BNA_G
ClientSampleId :
PB170446BS

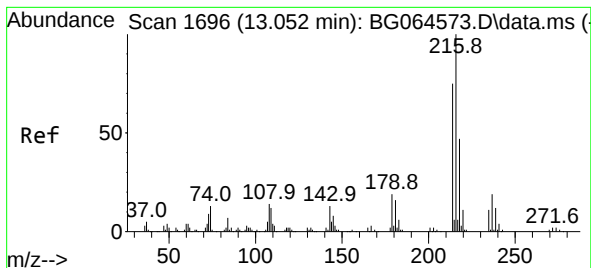
Tgt Ion:142 Resp: 266930
Ion Ratio Lower Upper
142 100
141 87.5 73.3 109.9
116 4.3 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:164 Resp: 117246
Ion Ratio Lower Upper
164 100
162 101.2 77.0 115.6
160 45.5 34.4 51.6

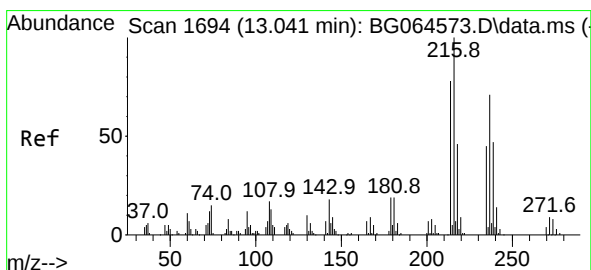
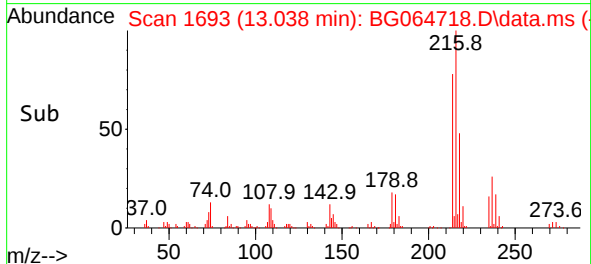
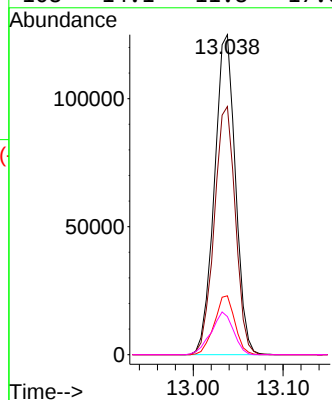
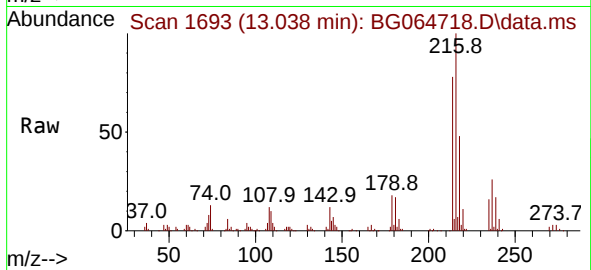




#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.617 ng
RT: 13.038 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

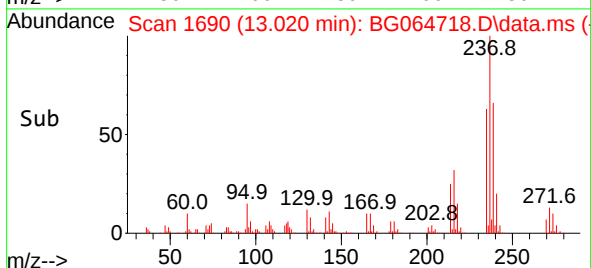
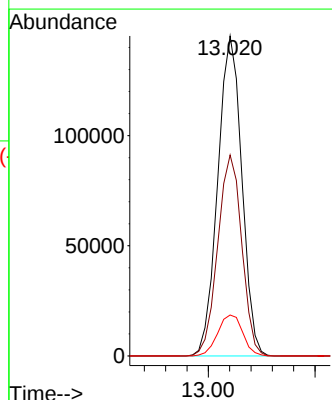
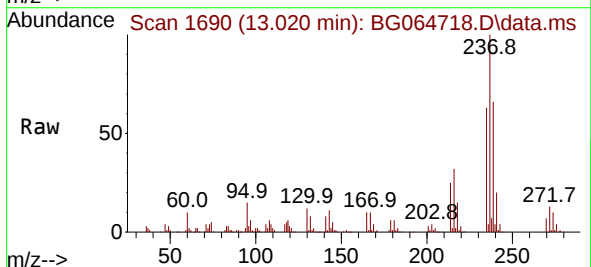
Instrument :
BNA_G
ClientSampleId :
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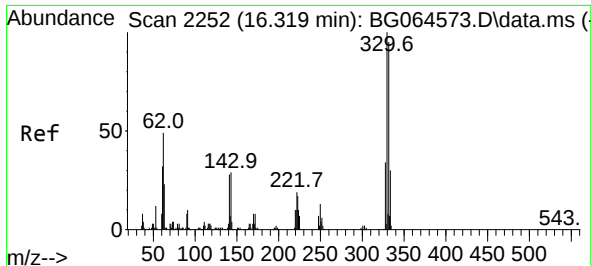
Tgt Ion:216 Resp: 203107
Ion Ratio Lower Upper
216 100
214 77.9 61.4 92.2
179 18.0 15.4 23.0
108 14.1 11.8 17.6



#41
Hexachlorocyclopentadiene
Concen: 128.291 ng
RT: 13.020 min Scan# 1690
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:237 Resp: 227216
Ion Ratio Lower Upper
237 100
235 62.8 44.1 84.1
272 12.8 0.0 32.4

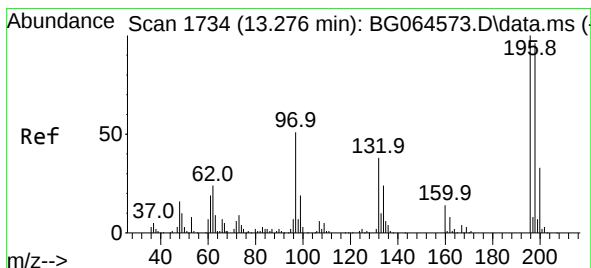
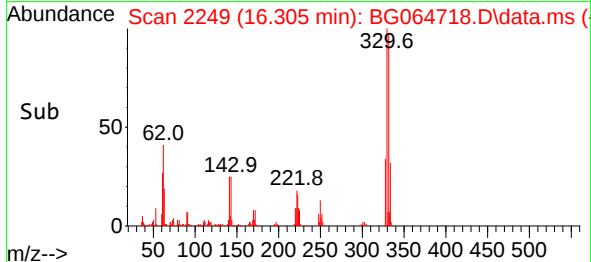
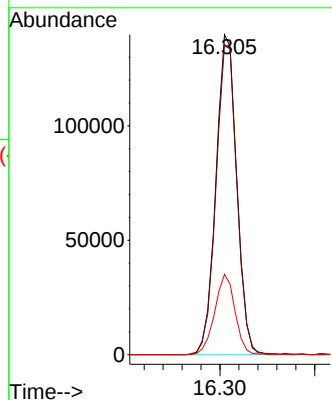
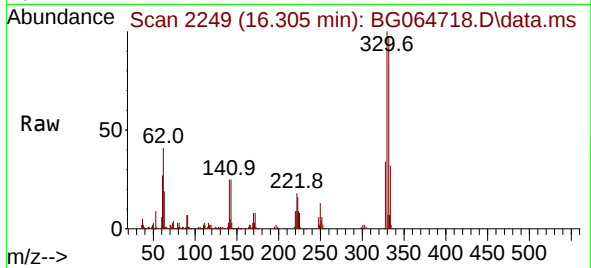




#42
2,4,6-Tribromophenol
Concen: 125.749 ng
RT: 16.305 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

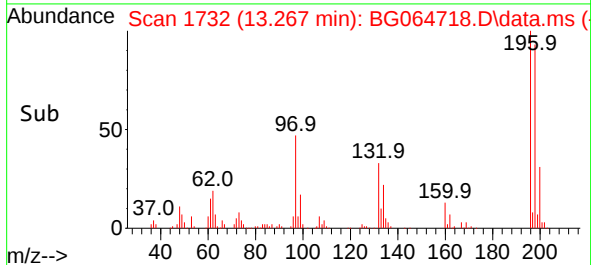
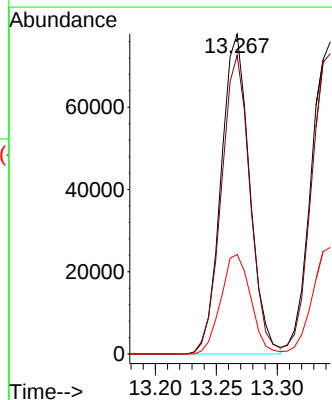
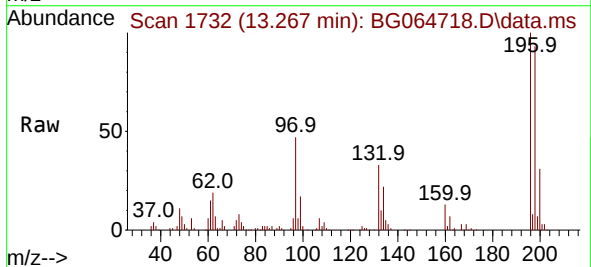
Instrument :
BNA_G
ClientSampleId :
PB170446BS

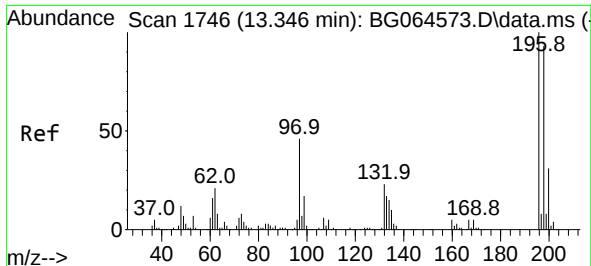
Tgt Ion:330 Resp: 212794
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 24.5 21.8 32.6



#43
2,4,6-Trichlorophenol
Concen: 56.423 ng
RT: 13.267 min Scan# 1732
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:196 Resp: 126996
Ion Ratio Lower Upper
196 100
198 93.4 76.6 115.0
200 31.1 26.0 39.0

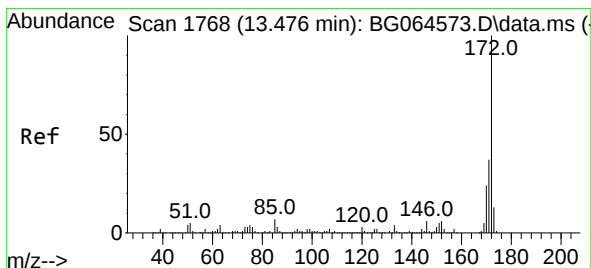
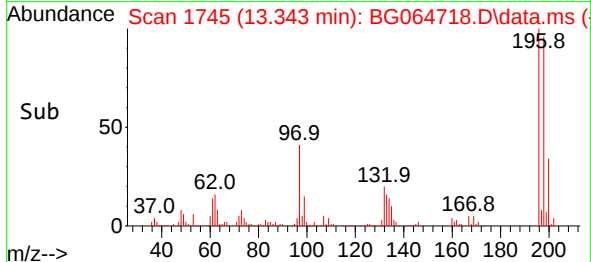
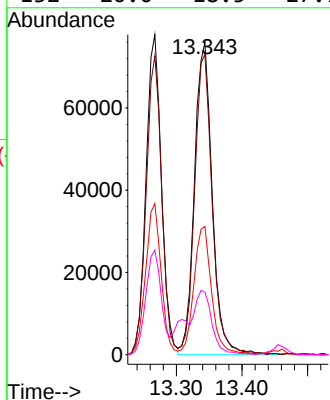
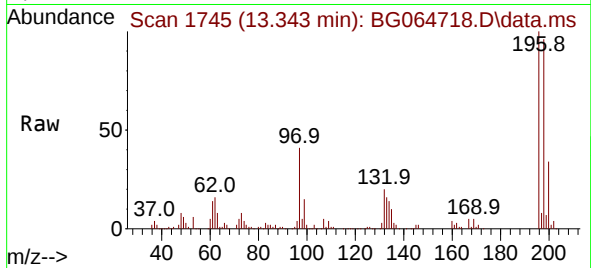




#44
2,4,5-Trichlorophenol
Concen: 55.427 ng
RT: 13.343 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

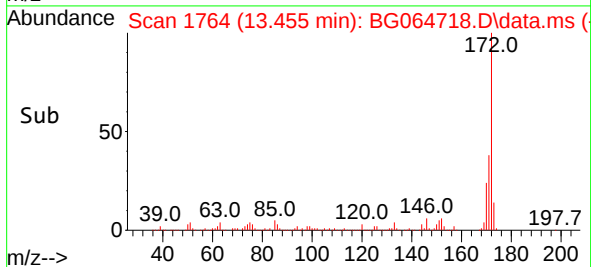
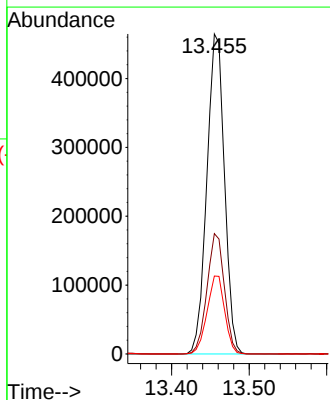
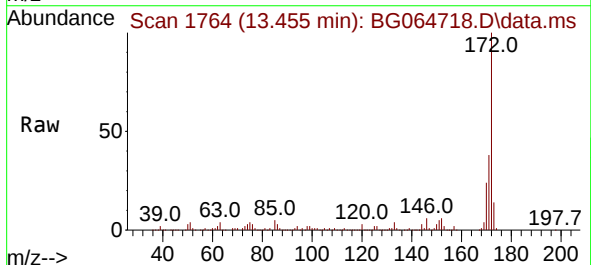
Instrument :
BNA_G
ClientSampleId :
PB170446BS

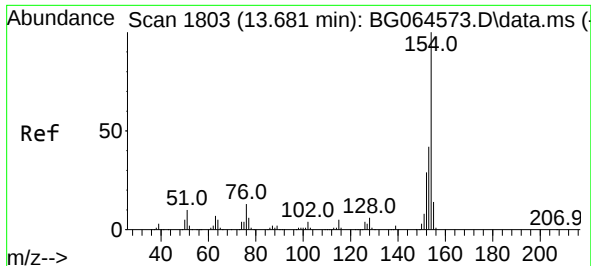
Tgt Ion:196 Resp: 143966
Ion Ratio Lower Upper
196 100
198 96.2 74.2 111.4
97 41.1 37.0 55.6
132 20.0 18.5 27.7



#45
2-Fluorobiphenyl
Concen: 94.820 ng
RT: 13.455 min Scan# 1764
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:172 Resp: 733449
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.4 19.1 28.7

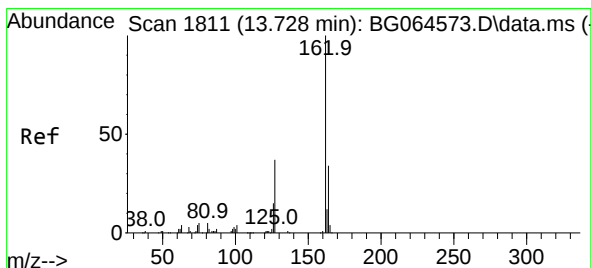
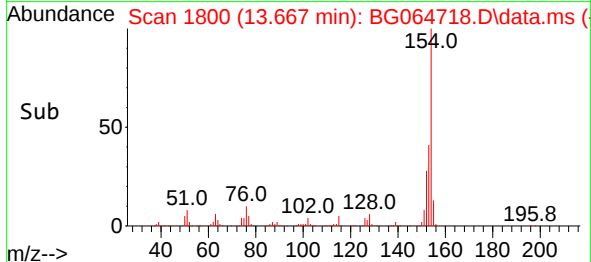
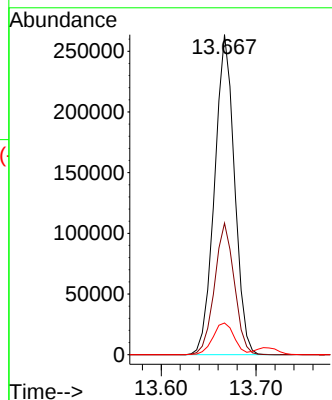
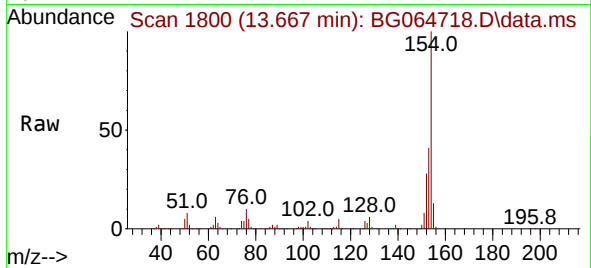




#46
1,1'-Biphenyl
Concen: 46.222 ng
RT: 13.667 min Scan# 1800
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

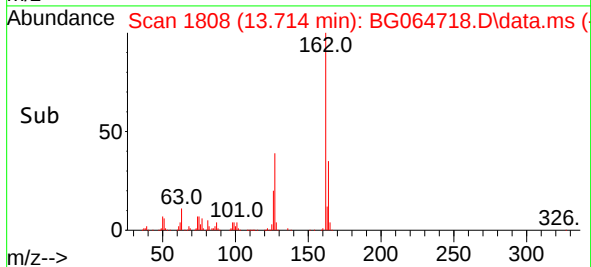
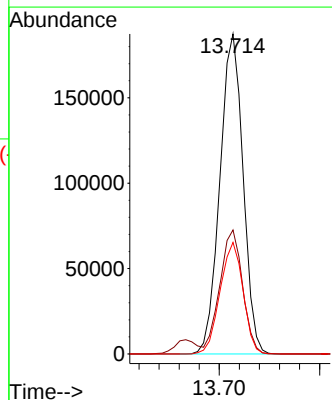
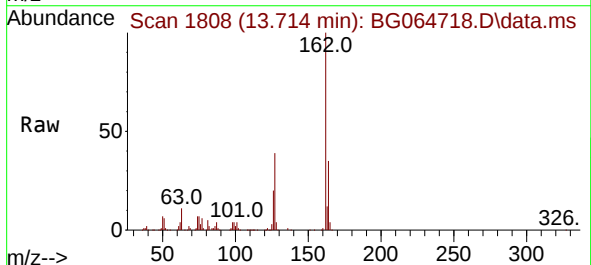
Instrument :
BNA_G
ClientSampleId :
PB170446BS

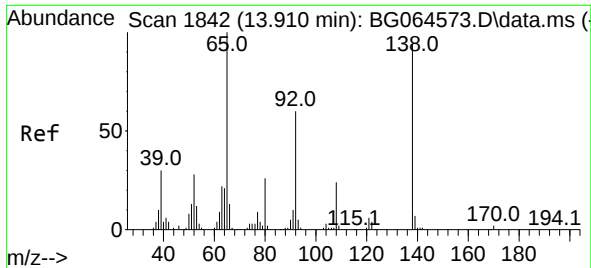
Tgt Ion:154 Resp: 385282
Ion Ratio Lower Upper
154 100
153 41.1 22.4 62.4
76 9.9 0.0 33.5



#47
2-Chloronaphthalene
Concen: 47.567 ng
RT: 13.714 min Scan# 1808
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:162 Resp: 299284
Ion Ratio Lower Upper
162 100
127 38.7 32.2 48.2
164 34.9 27.5 41.3

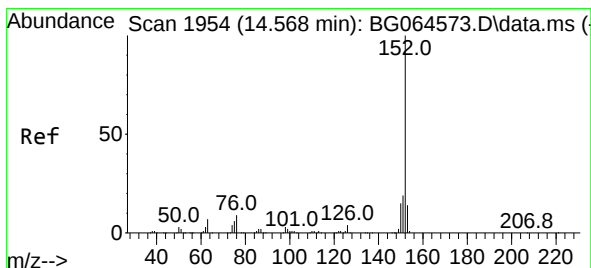
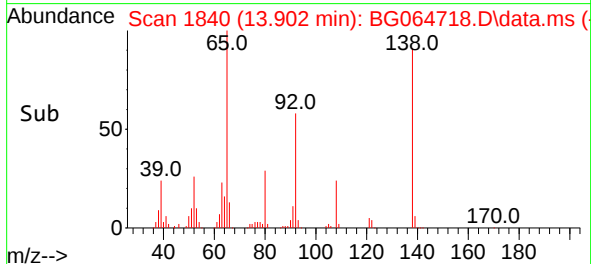
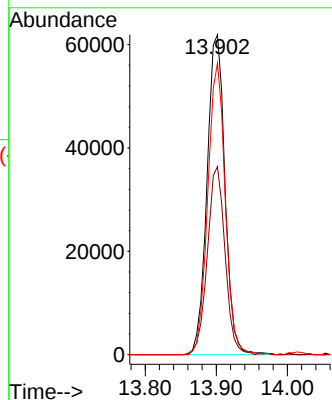
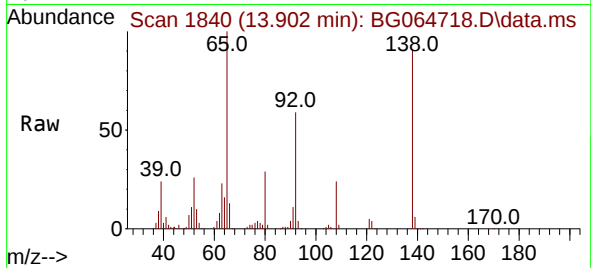




#48
2-Nitroaniline
Concen: 51.205 ng
RT: 13.902 min Scan# 1840
Delta R.T. -0.008 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

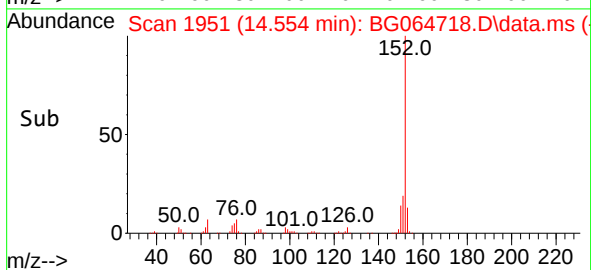
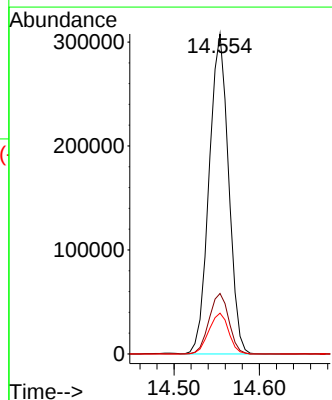
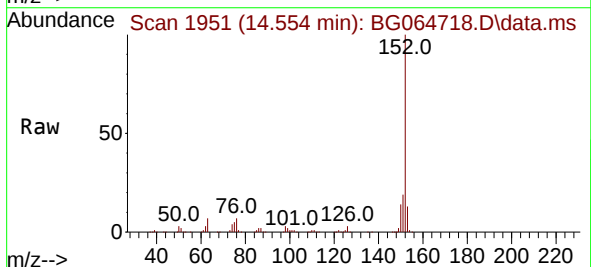
Instrument :
BNA_G
ClientSampleId :
PB170446BS

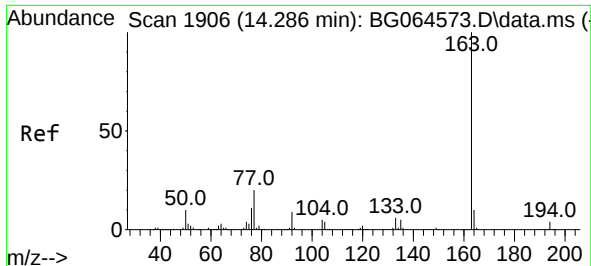
Tgt Ion: 65 Resp: 108644
Ion Ratio Lower Upper
65 100
92 58.8 48.3 72.5
138 91.2 74.9 112.3



#49
Acenaphthylene
Concen: 49.022 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:152 Resp: 486504
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2
153 12.8 11.0 16.4

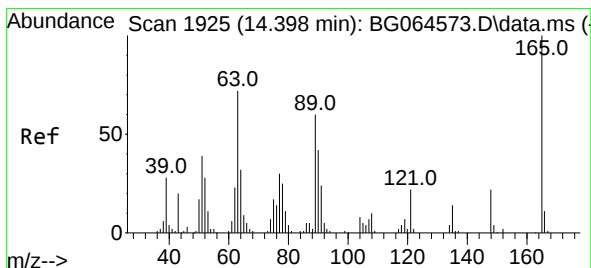
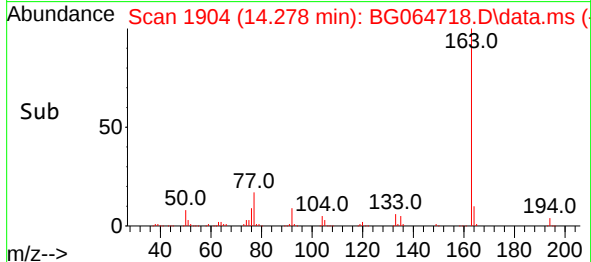
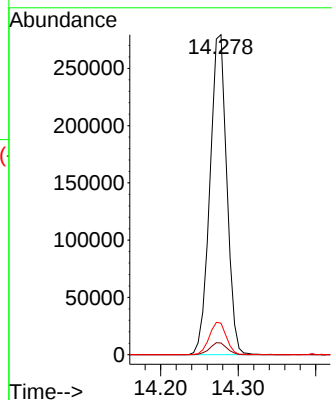
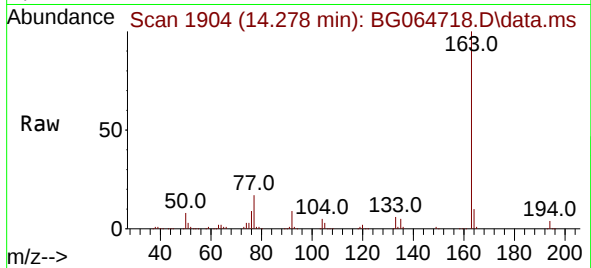




#50
Dimethylphthalate
Concen: 47.018 ng
RT: 14.278 min Scan# 1904
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

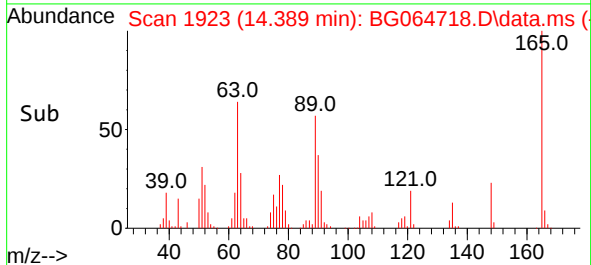
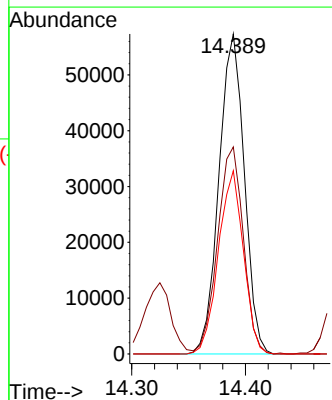
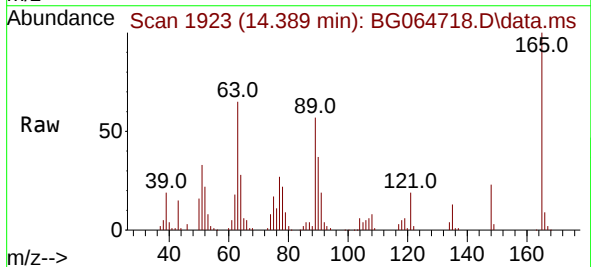
Instrument :
BNA_G
ClientSampleId :
PB170446BS

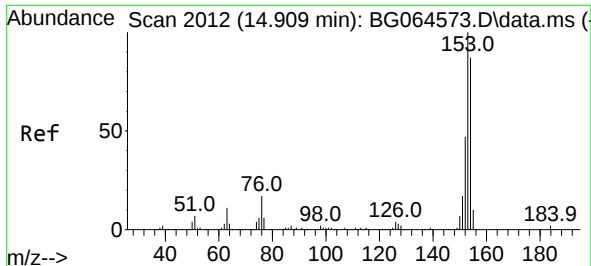
Tgt Ion:163 Resp: 421832
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.9 7.7 11.5



#51
2,6-Dinitrotoluene
Concen: 59.255 ng
RT: 14.389 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:165 Resp: 88904
Ion Ratio Lower Upper
165 100
63 64.7 57.4 86.0
89 57.2 47.8 71.8

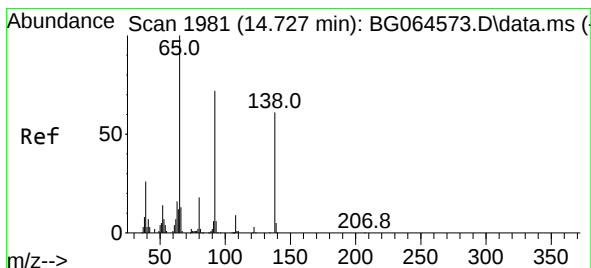
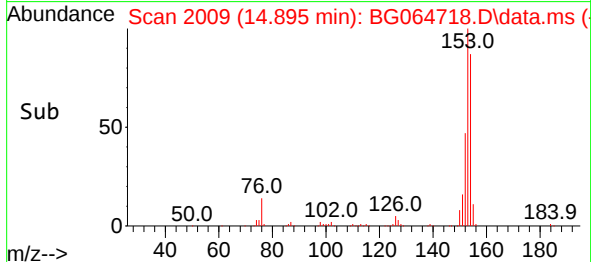
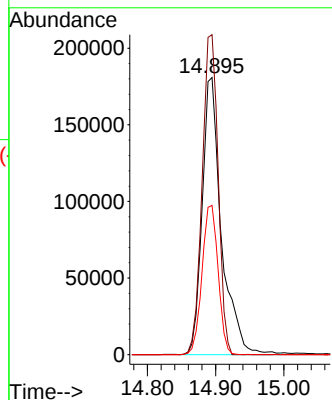
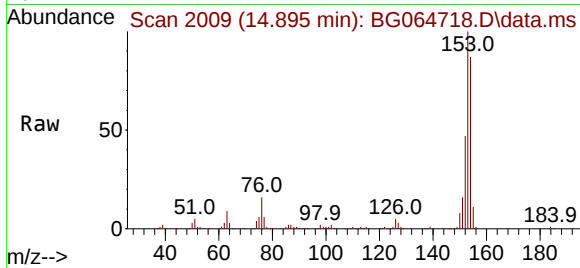




#52
Acenaphthene
Concen: 52.469 ng
RT: 14.895 min Scan# 2012
Delta R.T. -0.014 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

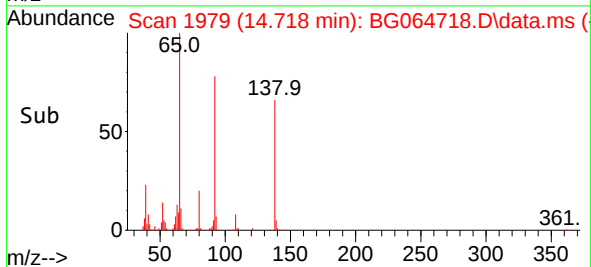
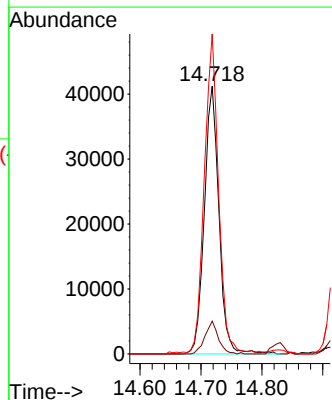
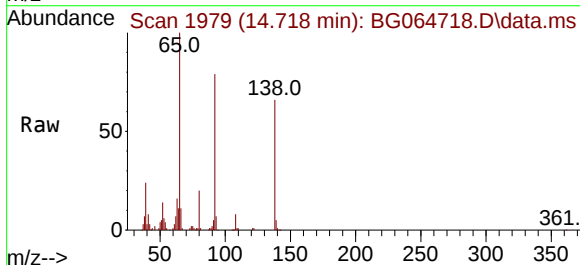
Instrument :
BNA_G
ClientSampleId :
PB170446BS

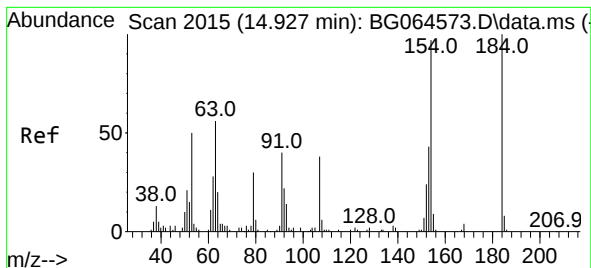
Tgt Ion:154 Resp: 355759
Ion Ratio Lower Upper
154 100
153 115.5 92.2 138.4
152 53.9 43.2 64.8



#53
3-Nitroaniline
Concen: 44.585 ng
RT: 14.718 min Scan# 1979
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:138 Resp: 68743
Ion Ratio Lower Upper
138 100
108 12.2 11.4 17.0
92 119.4 95.3 142.9

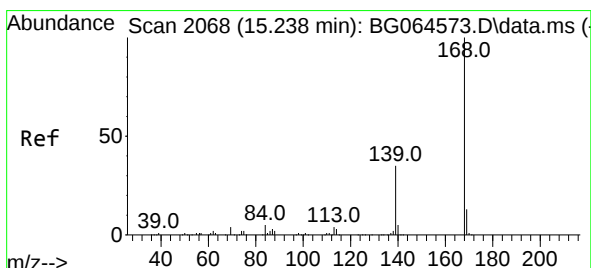
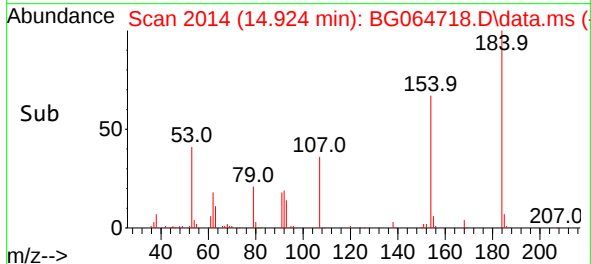
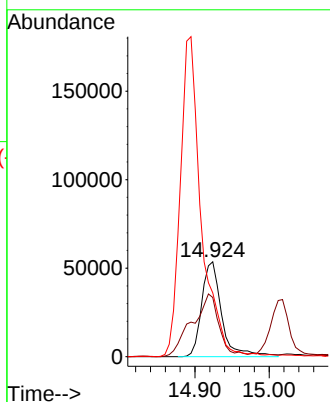
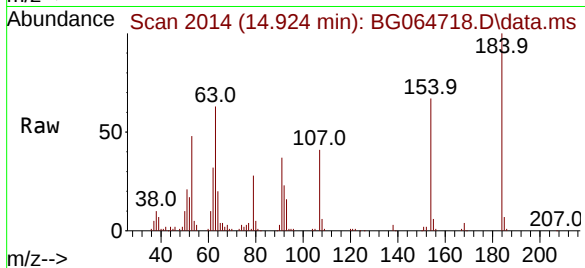




#54
2,4-Dinitrophenol
Concen: 108.553 ng
RT: 14.924 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

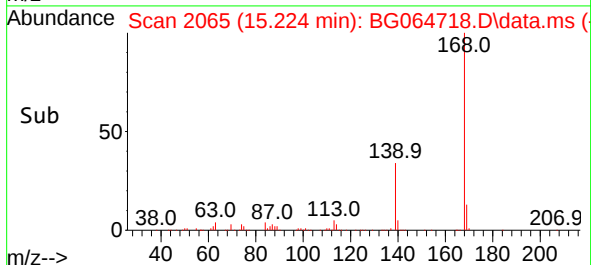
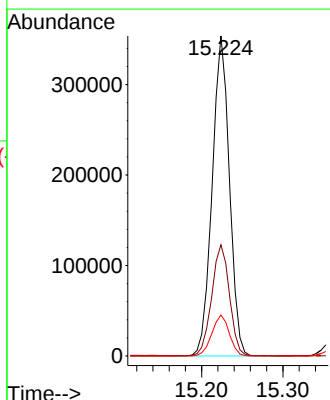
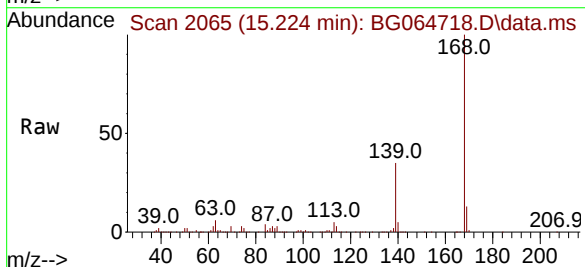
Instrument :
BNA_G
ClientSampleId :
PB170446BS

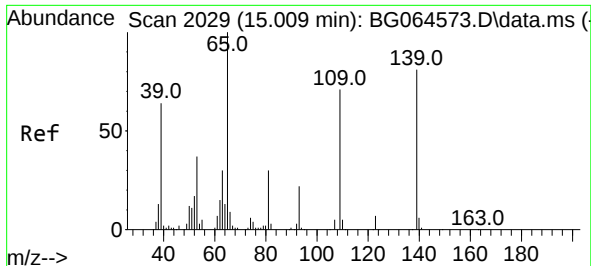
Tgt Ion:184 Resp: 100548
Ion Ratio Lower Upper
184 100
63 62.5 56.6 85.0
154 67.4 158.6 238.0#



#55
Dibenzofuran
Concen: 47.501 ng
RT: 15.224 min Scan# 2065
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:168 Resp: 520699
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 12.8 10.3 15.5

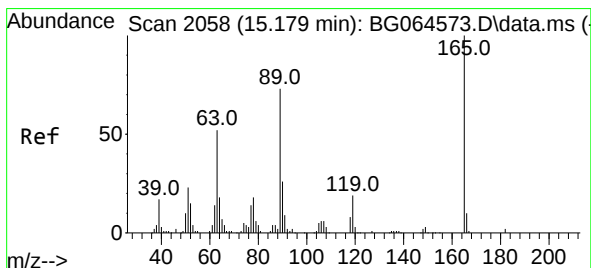
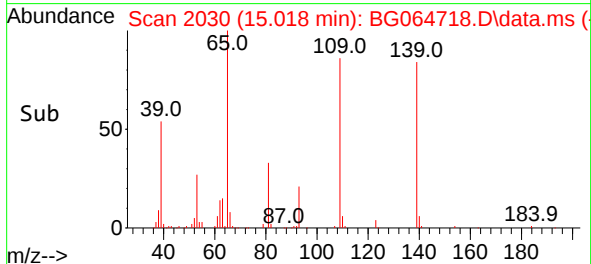
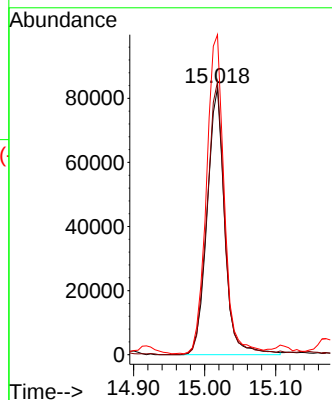
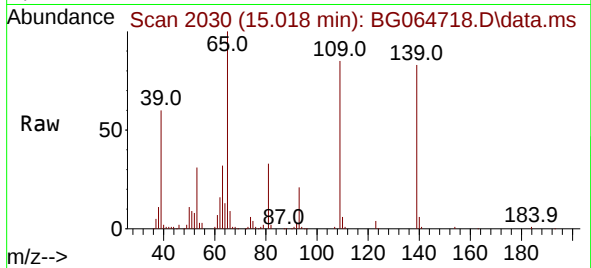




#56
4-Nitrophenol
Concen: 100.317 ng
RT: 15.018 min Scan# 2029
Delta R.T. 0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

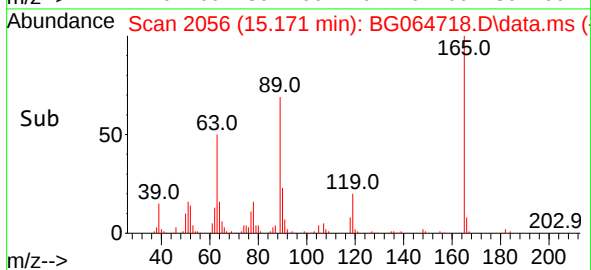
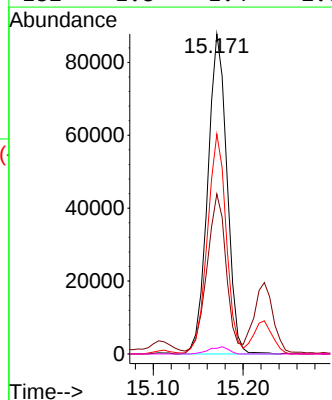
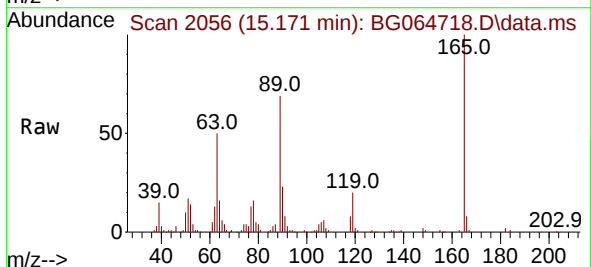
Instrument :
BNA_G
ClientSampleId :
PB170446BS

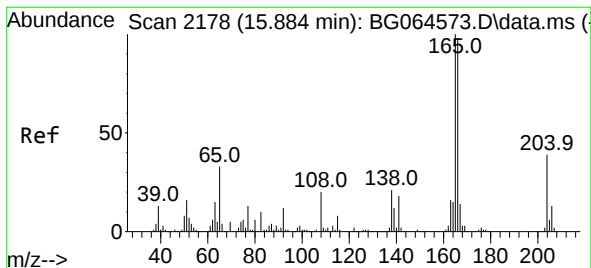
Tgt Ion:139 Resp: 143402
Ion Ratio Lower Upper
139 100
109 102.5 67.8 107.8
65 120.1 103.7 143.7



#57
2,4-Dinitrotoluene
Concen: 56.461 ng
RT: 15.171 min Scan# 2056
Delta R.T. -0.008 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:165 Resp: 130544
Ion Ratio Lower Upper
165 100
63 50.0 41.8 62.8
89 68.7 58.1 87.1
182 1.8 1.4 2.0





#58

Fluorene

Concen: 47.355 ng

RT: 15.870 min Scan# 2175

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

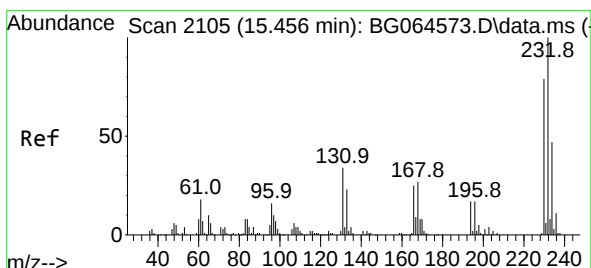
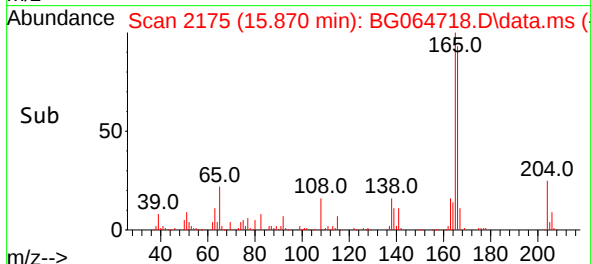
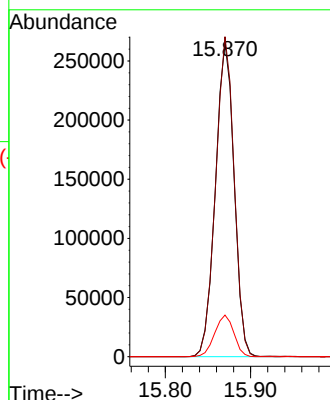
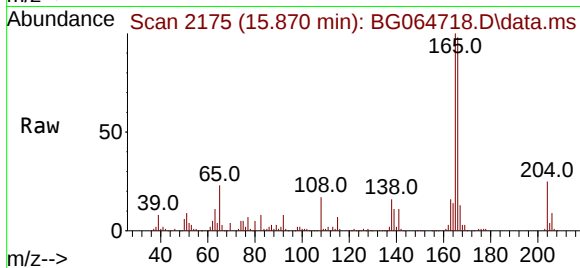
Tgt Ion:166 Resp: 405398

Ion Ratio Lower Upper

166 100

165 101.9 81.5 122.3

167 13.2 11.4 17.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 61.680 ng

RT: 15.441 min Scan# 2102

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Tgt Ion:232 Resp: 153197

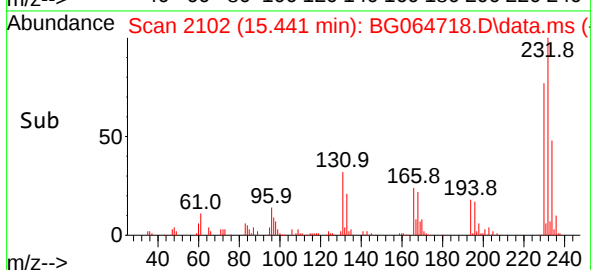
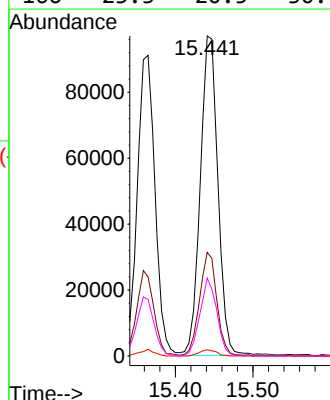
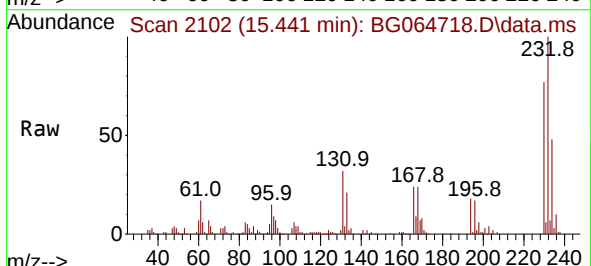
Ion Ratio Lower Upper

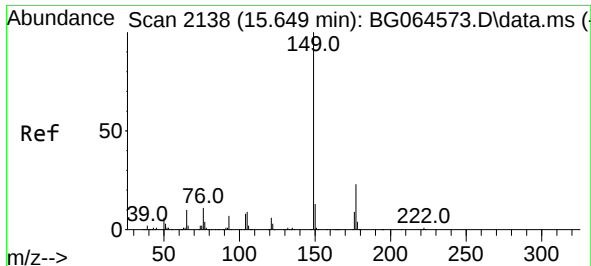
232 100

131 31.8 26.7 40.1

130 1.9 1.6 2.4

166 23.3 20.5 30.7

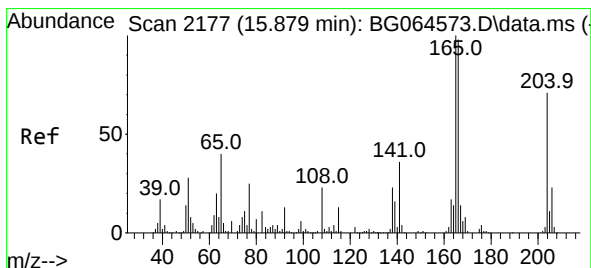
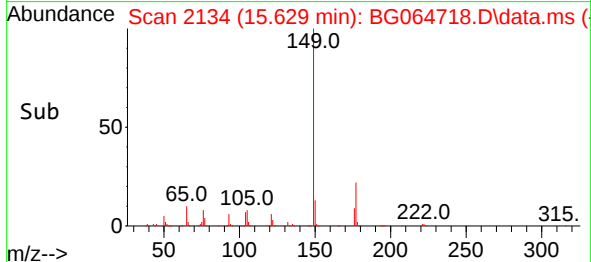
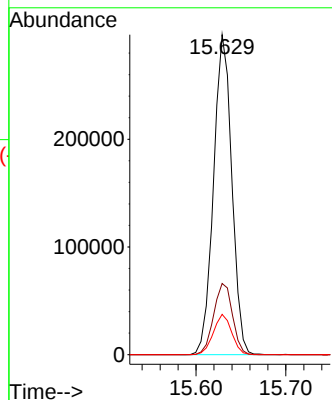
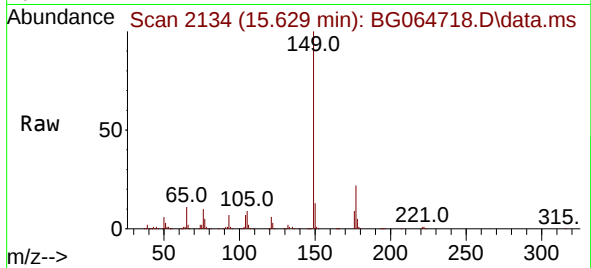




#60
Diethylphthalate
Concen: 45.803 ng
RT: 15.629 min Scan# 2134
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

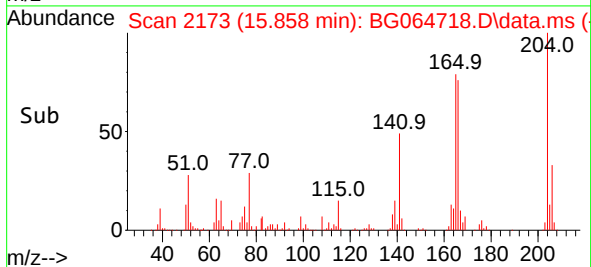
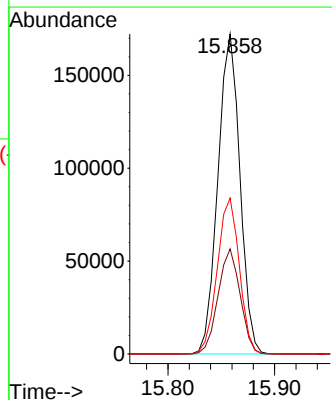
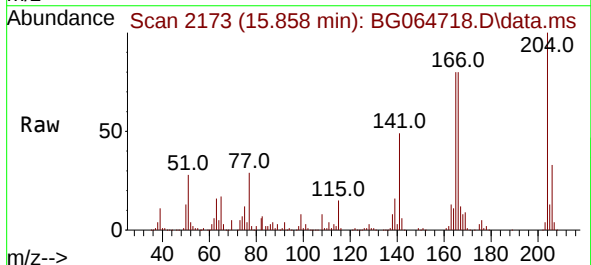
Instrument :
BNA_G
ClientSampleId :
PB170446BS

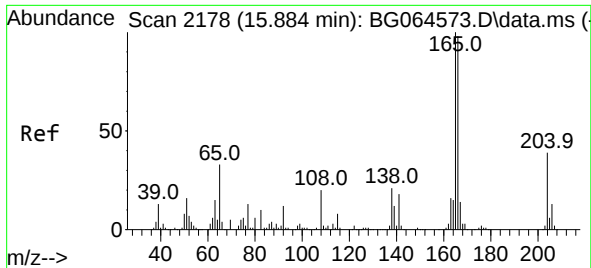
Tgt Ion:149 Resp: 419578
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.6 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 51.397 ng
RT: 15.858 min Scan# 2173
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:204 Resp: 246924
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 48.7 40.6 60.8

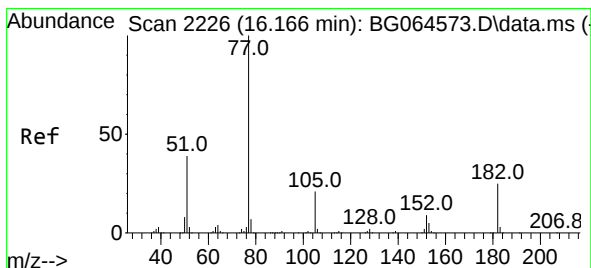
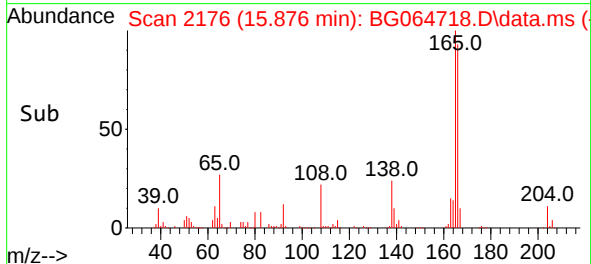
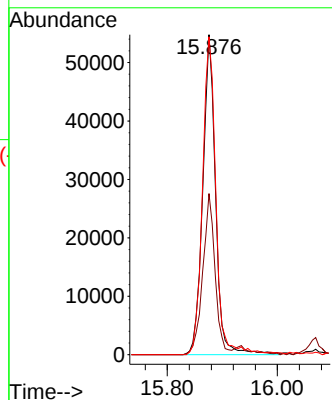
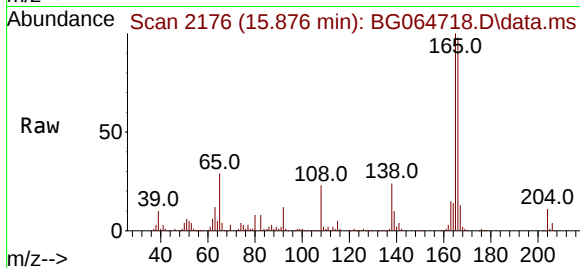




#62
4-Nitroaniline
Concen: 51.689 ng
RT: 15.876 min Scan# 2178
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

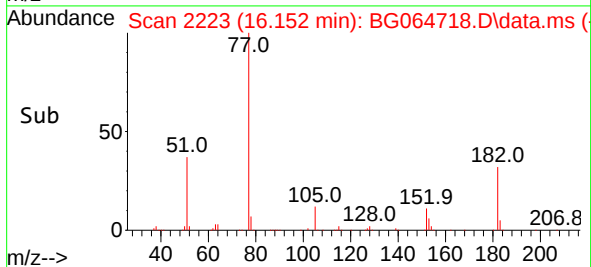
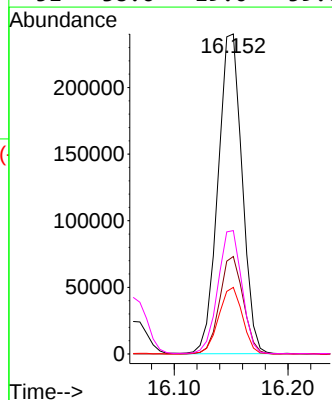
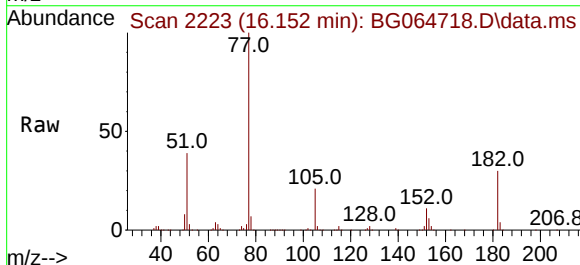
Instrument :
BNA_G
ClientSampleId :
PB170446BS

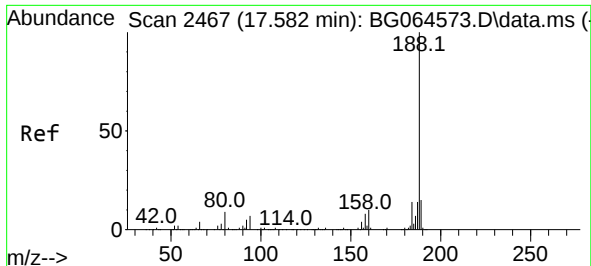
Tgt Ion:138 Resp: 88663
Ion Ratio Lower Upper
138 100
92 50.4 36.1 76.1
108 99.4 75.6 115.6



#63
Azobenzene
Concen: 42.039 ng
RT: 16.152 min Scan# 2223
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 77 Resp: 353338
Ion Ratio Lower Upper
77 100
182 30.5 4.9 44.9
105 20.8 1.3 41.3
51 38.6 19.0 59.0

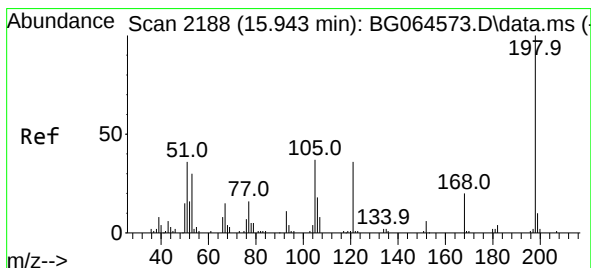
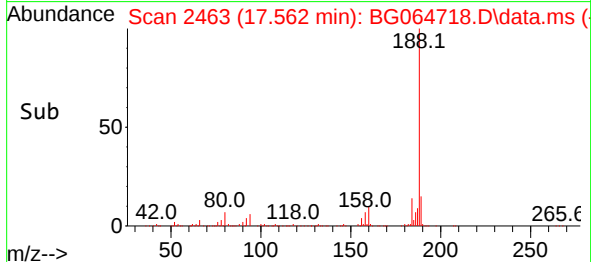
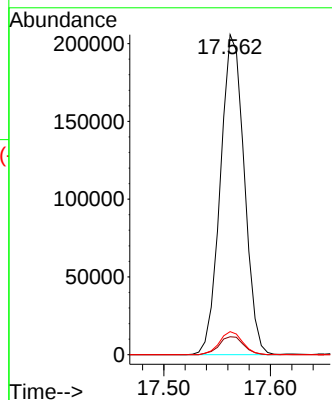
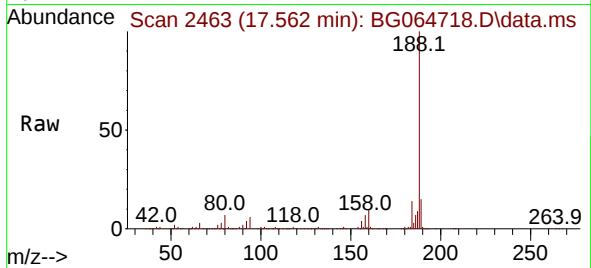




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.562 min Scan# 2463
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

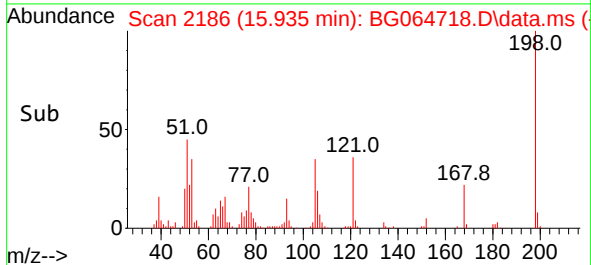
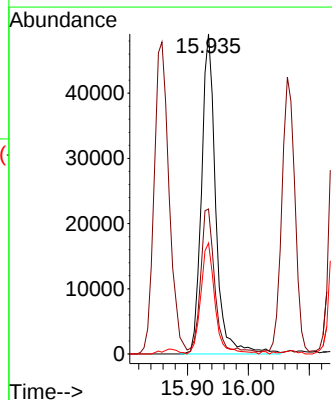
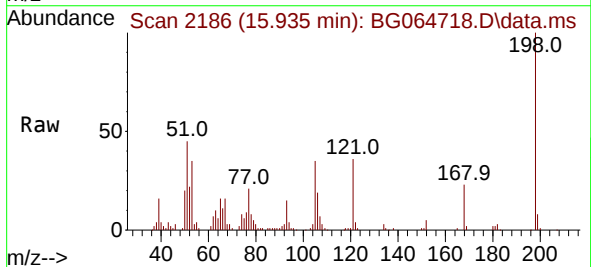
Instrument :
BNA_G
ClientSampleId :
PB170446BS

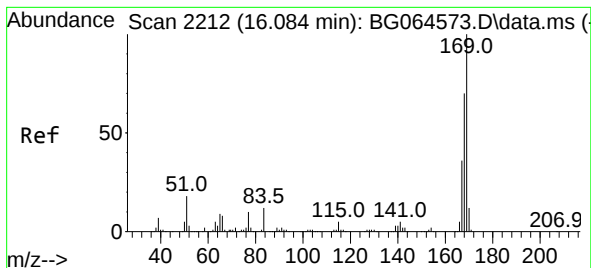
Tgt Ion:188 Resp: 320223
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 7.2 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 55.745 ng
RT: 15.935 min Scan# 2186
Delta R.T. -0.008 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:198 Resp: 79941
Ion Ratio Lower Upper
198 100
51 45.3 24.7 64.7
105 34.6 18.0 58.0





#66

n-Nitrosodiphenylamine

Concen: 43.730 ng

RT: 16.070 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

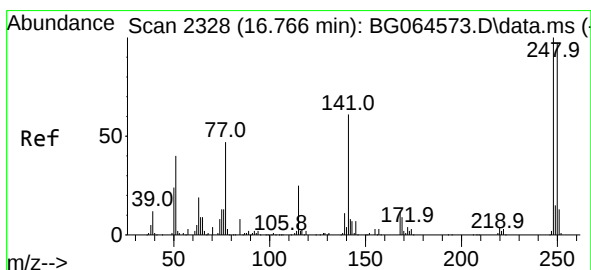
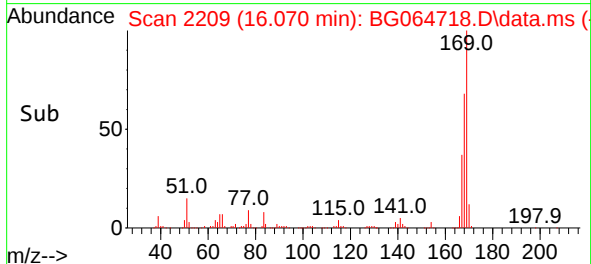
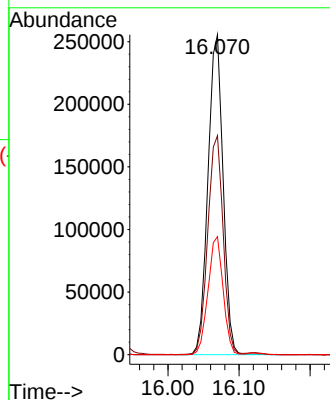
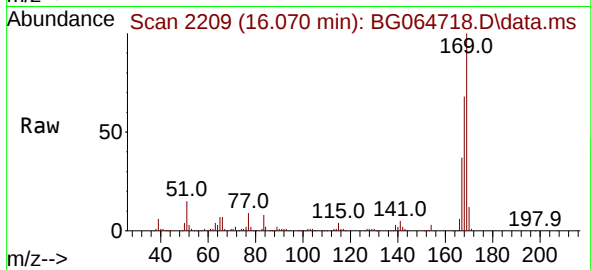
Tgt Ion:169 Resp: 378263

Ion Ratio Lower Upper

169 100

168 68.4 56.3 84.5

167 36.9 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 49.276 ng

RT: 16.751 min Scan# 2325

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

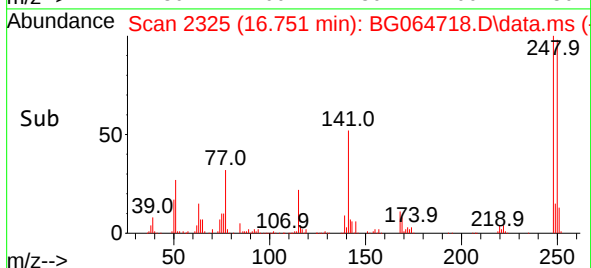
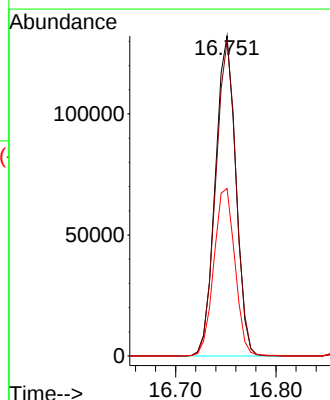
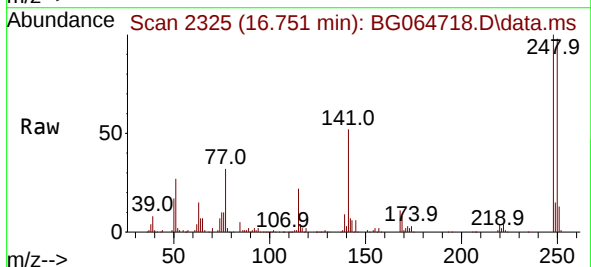
Tgt Ion:248 Resp: 186989

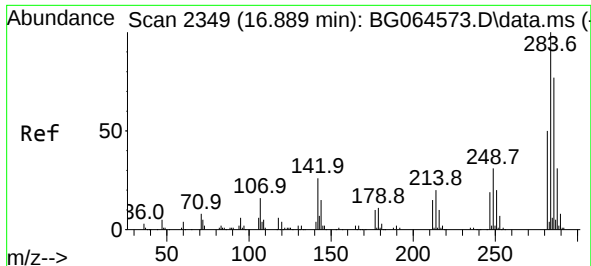
Ion Ratio Lower Upper

248 100

250 98.4 77.7 116.5

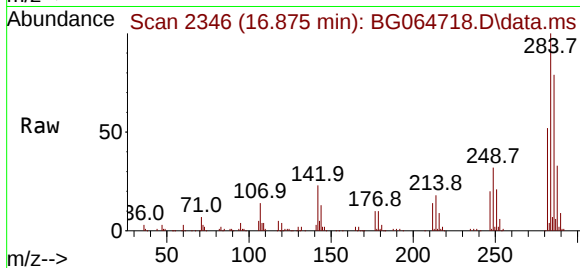
141 52.3 48.6 72.8



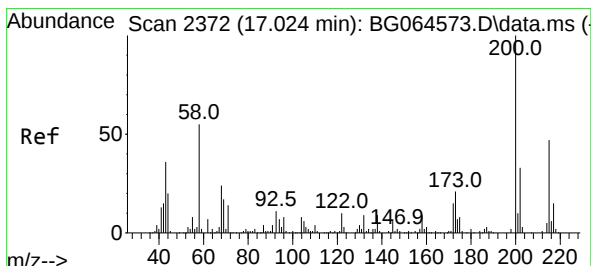
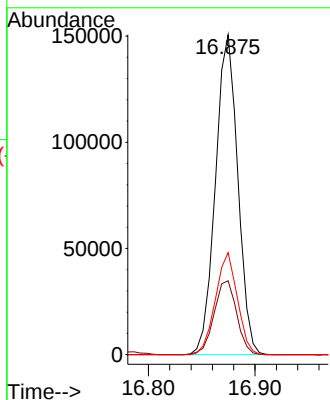
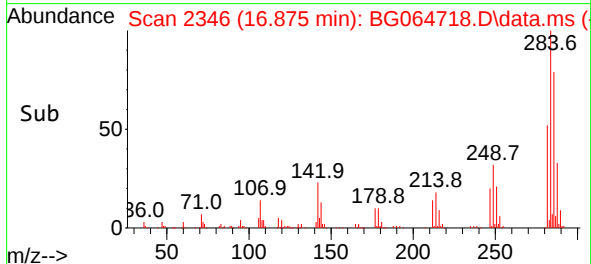


#68
Hexachlorobenzene
Concen: 50.531 ng
RT: 16.875 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

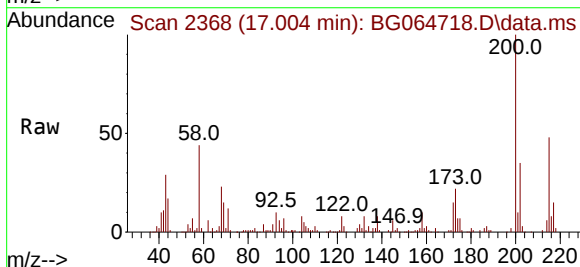
Instrument :
BNA_G
ClientSampleId :
PB170446BS



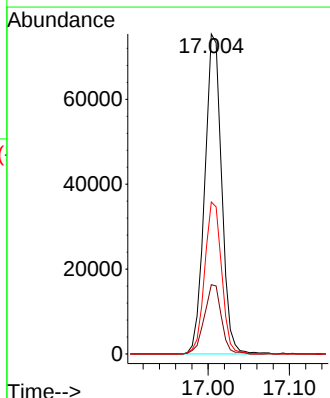
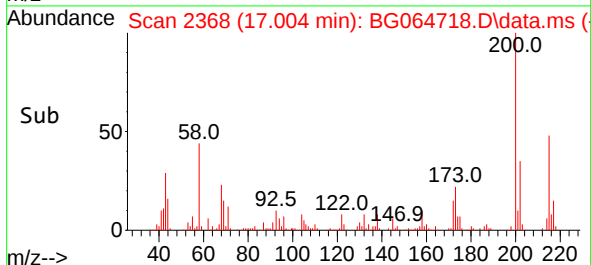
Tgt Ion:284 Resp: 218758
Ion Ratio Lower Upper
284 100
142 23.1 21.0 31.6
249 34.2 24.9 37.3

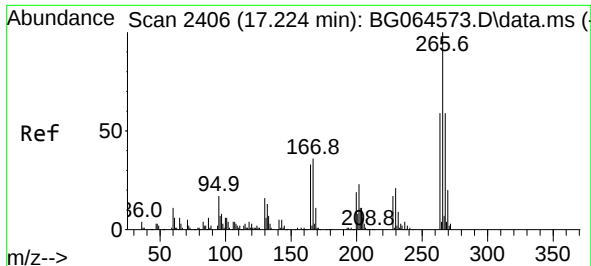


#69
Atrazine
Concen: 29.225 ng
RT: 17.004 min Scan# 2368
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



Tgt Ion:200 Resp: 108790
Ion Ratio Lower Upper
200 100
173 21.6 0.9 40.9
215 47.5 27.0 67.0

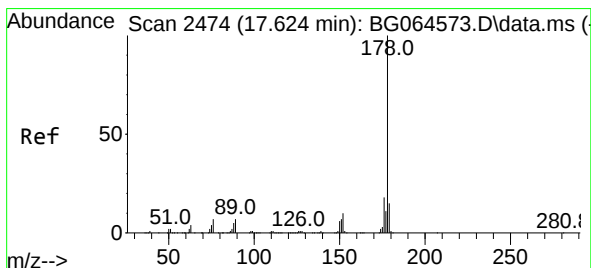
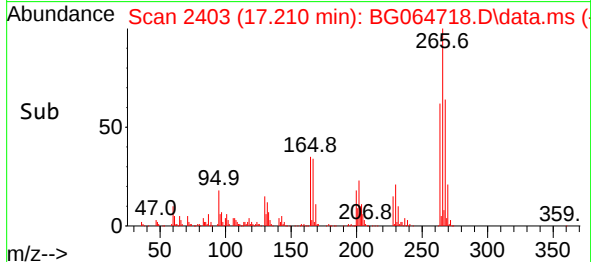
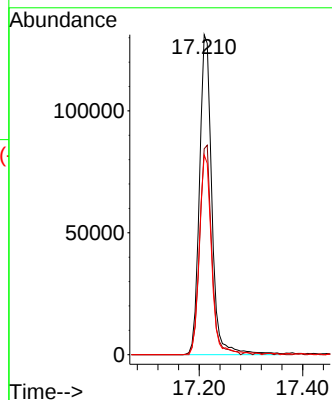
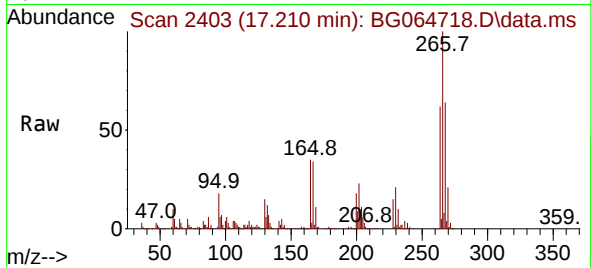




#70
 Pentachlorophenol
 Concen: 80.540 ng
 RT: 17.210 min Scan# 2406
 Delta R.T. -0.015 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

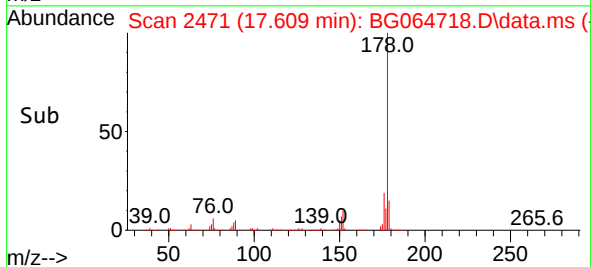
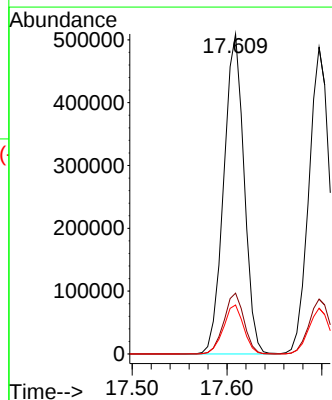
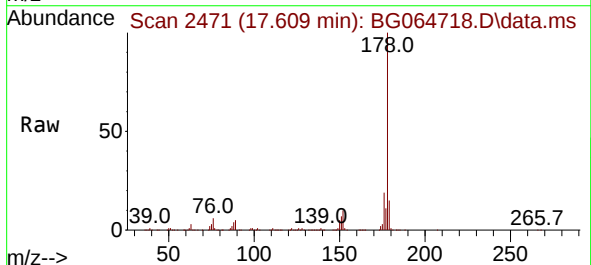
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS

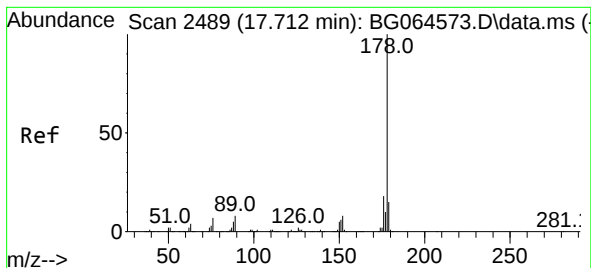
Tgt Ion:266 Resp: 217428
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.3 75.5
 264 67.0 47.3 70.9



#71
 Phenanthrene
 Concen: 43.245 ng
 RT: 17.609 min Scan# 2471
 Delta R.T. -0.015 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

Tgt Ion:178 Resp: 757287
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.7 22.1
 179 15.3 12.2 18.4





#72

Anthracene

Concen: 41.708 ng

RT: 17.697 min Scan# 24

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

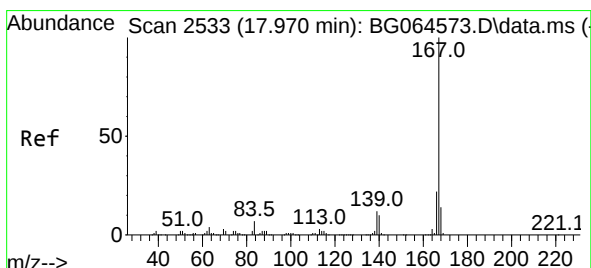
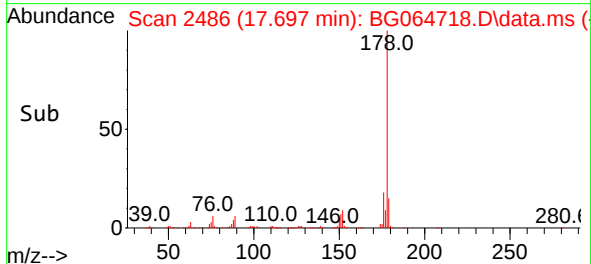
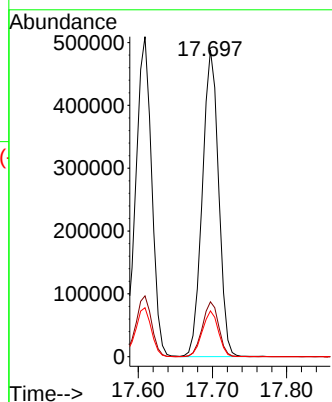
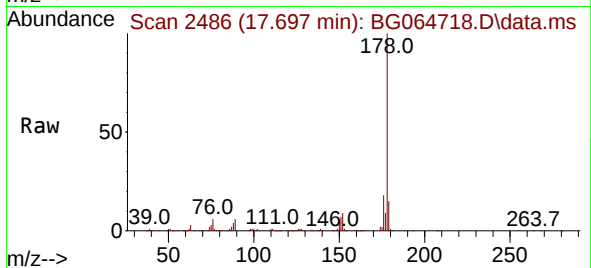
Tgt Ion:178 Resp: 742963

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

179 14.9 12.4 18.6



#73

Carbazole

Concen: 41.002 ng

RT: 17.956 min Scan# 2530

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

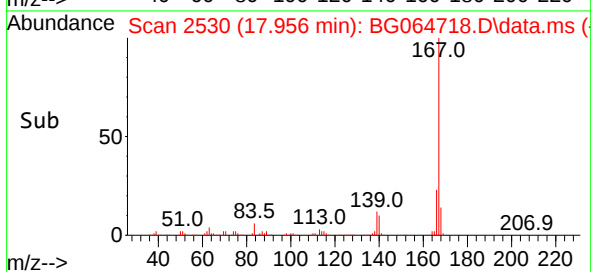
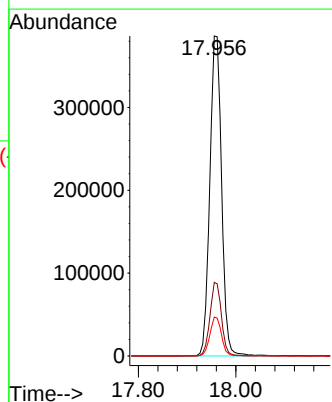
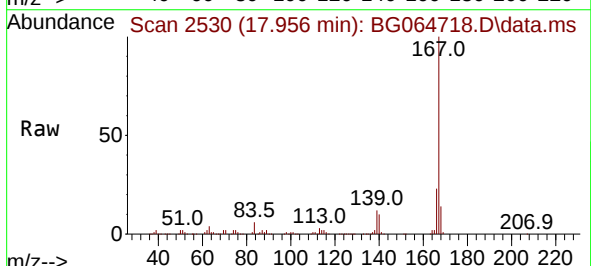
Tgt Ion:167 Resp: 644075

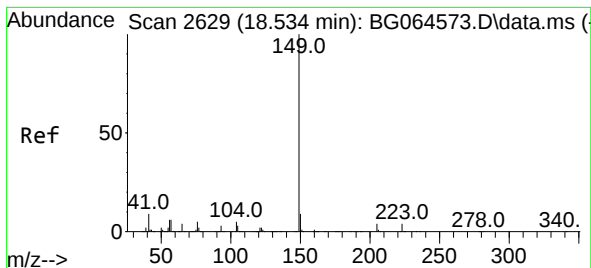
Ion Ratio Lower Upper

167 100

166 23.0 17.9 26.9

139 12.1 9.7 14.5





#74

Di-n-butylphthalate

Concen: 40.341 ng

RT: 18.514 min Scan# 2

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

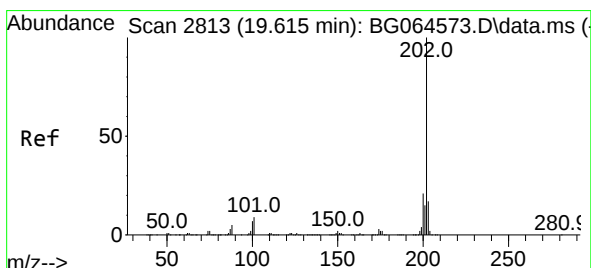
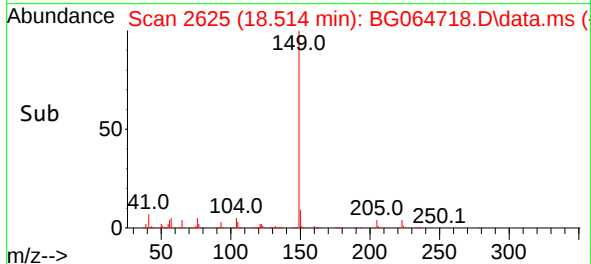
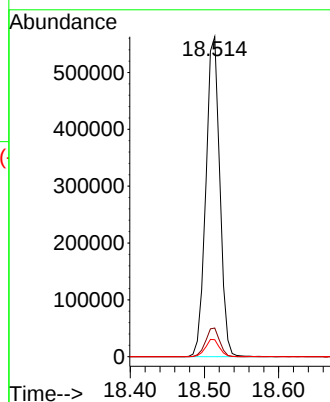
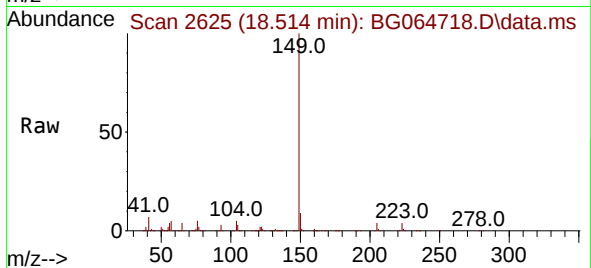
Tgt Ion:149 Resp: 732775

Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

104 5.3 4.1 6.1



#75

Fluoranthene

Concen: 43.690 ng

RT: 19.601 min Scan# 2810

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

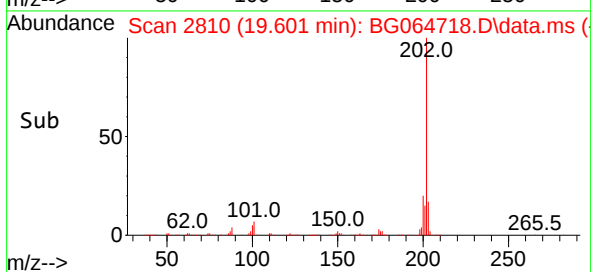
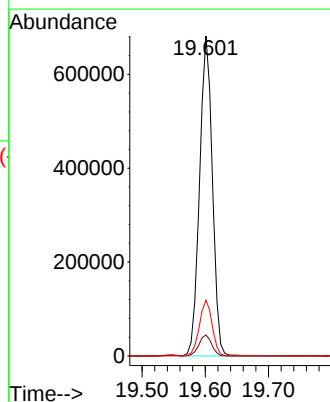
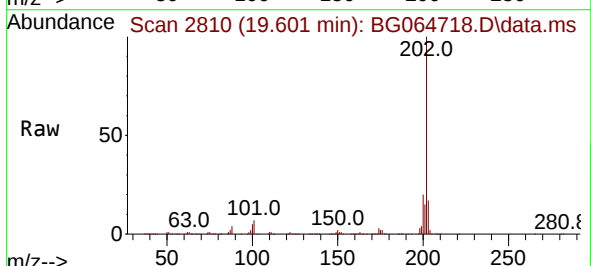
Tgt Ion:202 Resp: 958451

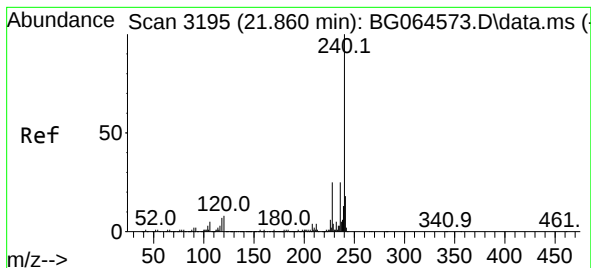
Ion Ratio Lower Upper

202 100

101 6.5 0.0 28.7

203 17.4 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.834 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

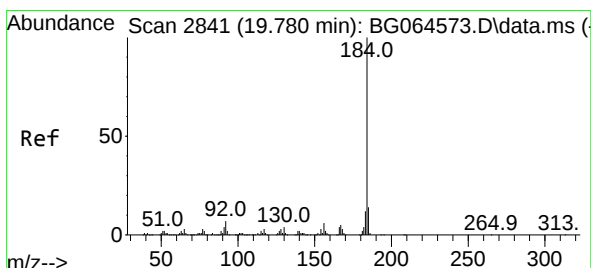
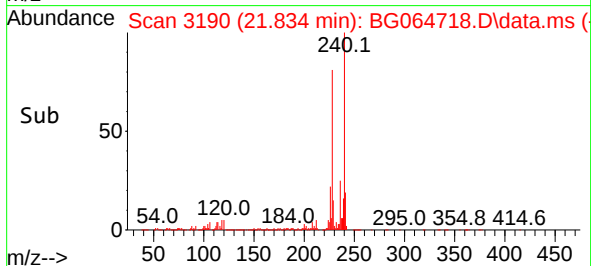
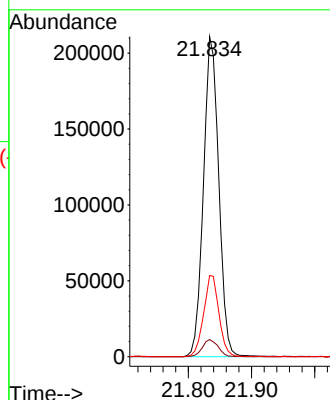
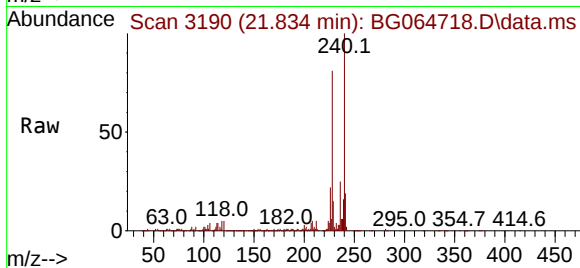
Tgt Ion:240 Resp: 354211

Ion Ratio Lower Upper

240 100

120 5.3 6.5 9.7#

236 25.3 20.2 30.2



#77

Benzidine

Concen: 8.927 ng

RT: 19.765 min Scan# 2838

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

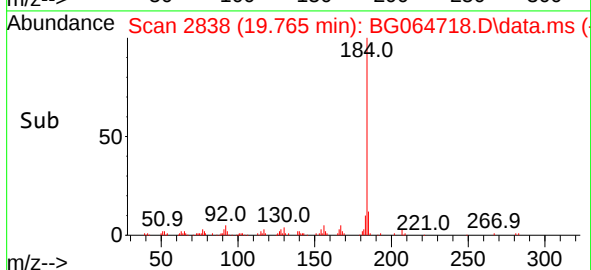
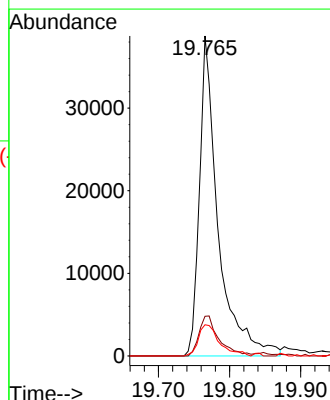
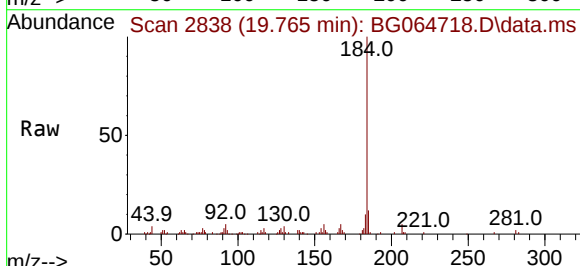
Tgt Ion:184 Resp: 70842

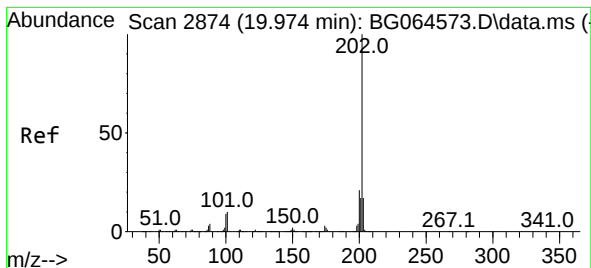
Ion Ratio Lower Upper

184 100

185 12.4 11.4 17.2

183 9.7 9.4 14.2





#78

Pyrene

Concen: 42.790 ng

RT: 19.959 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

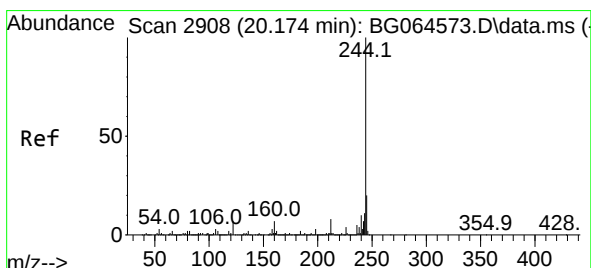
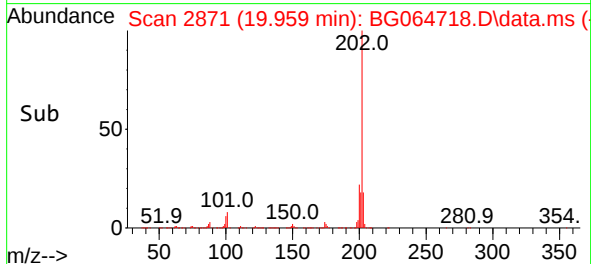
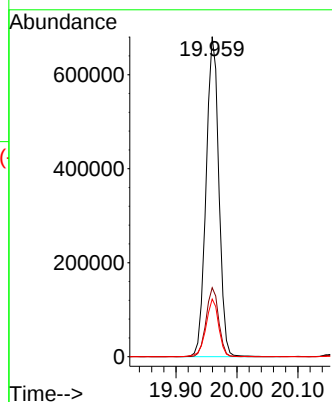
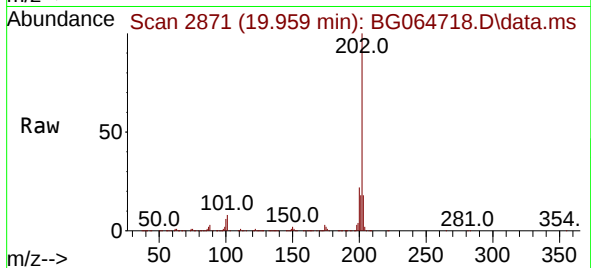
Tgt Ion:202 Resp: 990260

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 18.0 13.8 20.6



#79

Terphenyl-d14

Concen: 94.383 ng

RT: 20.153 min Scan# 2904

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

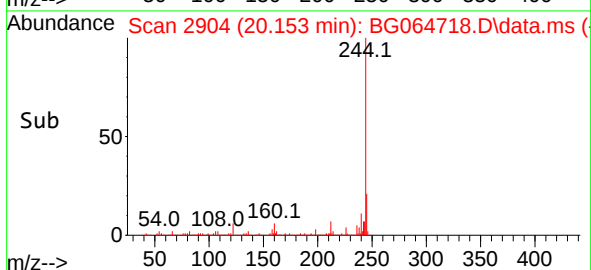
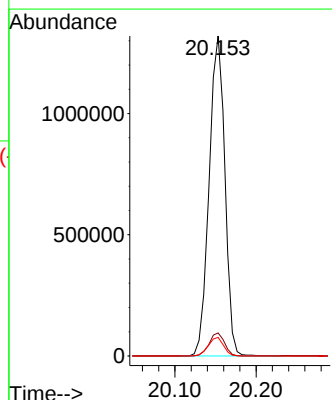
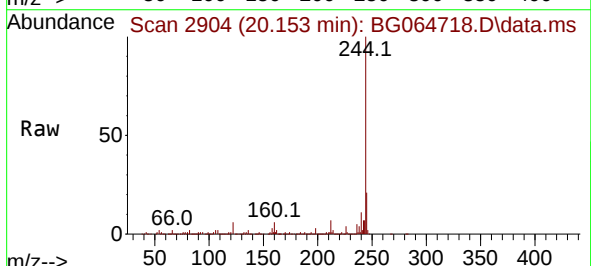
Tgt Ion:244 Resp: 1771527

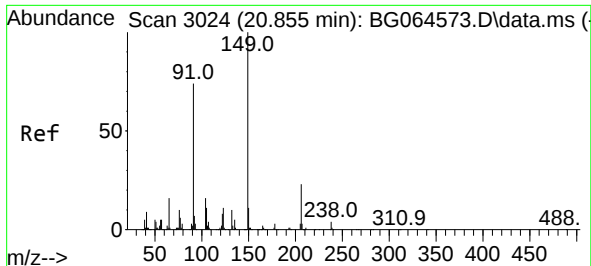
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 5.8 5.6 8.4

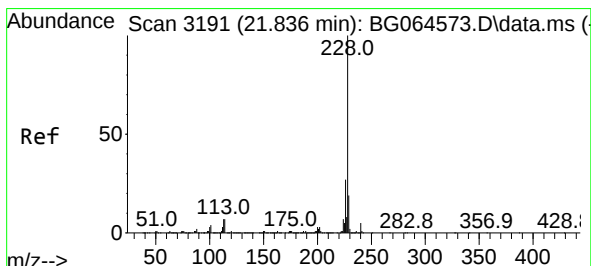
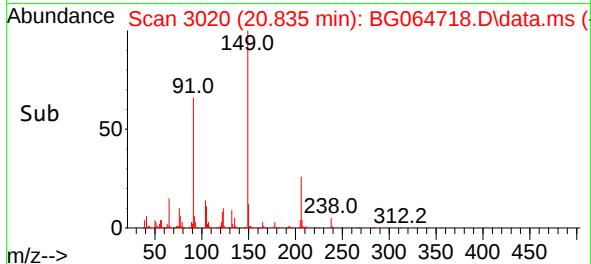
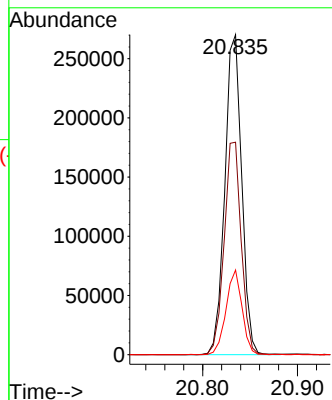
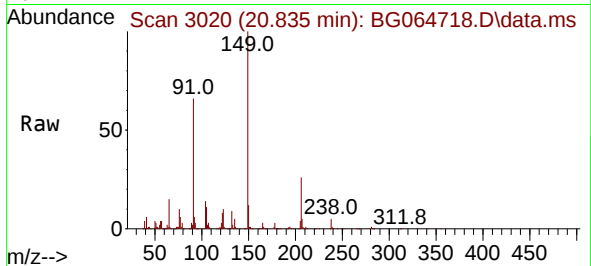




#80
Butylbenzylphthalate
Concen: 47.861 ng
RT: 20.835 min Scan# 30
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

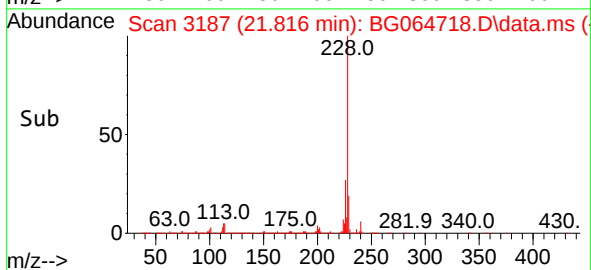
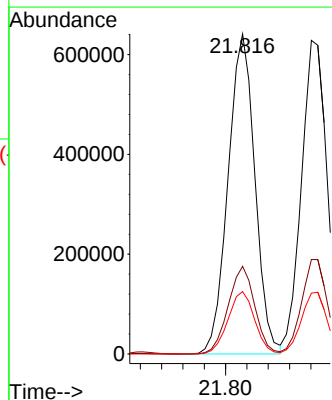
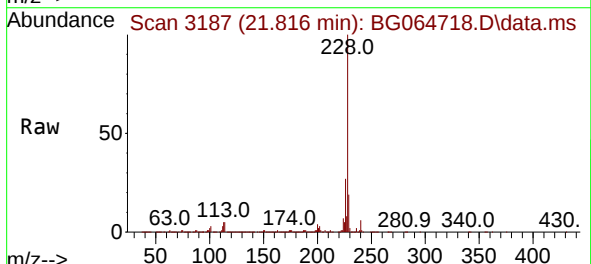
Instrument :
BNA_G
ClientSampleId :
PB170446BS

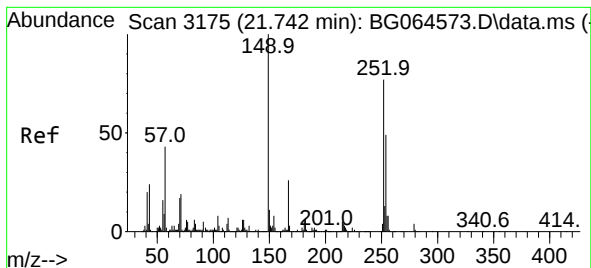
Tgt Ion:149 Resp: 334761
Ion Ratio Lower Upper
149 100
91 66.4 59.2 88.8
206 26.4 18.1 27.1



#81
Benzo(a)anthracene
Concen: 47.727 ng
RT: 21.816 min Scan# 3187
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:228 Resp: 1120923
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.6 23.4

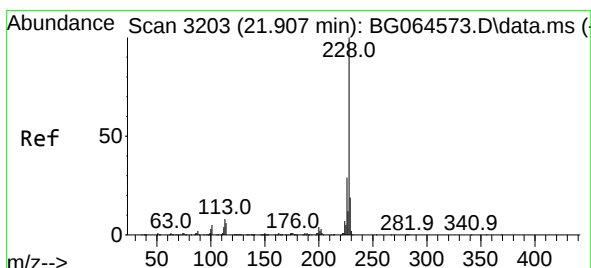
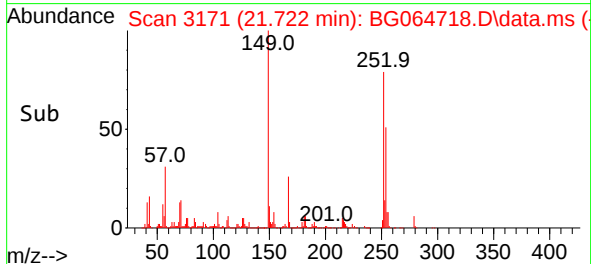
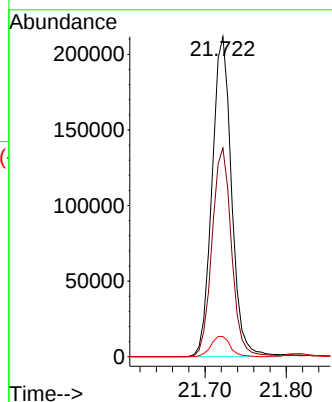
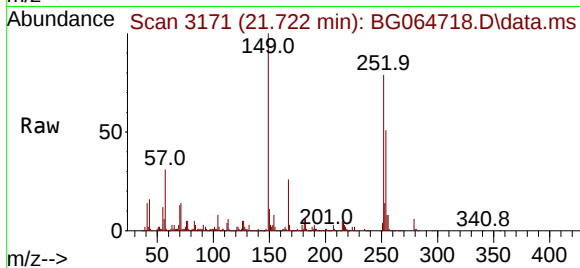




#82
 3,3'-Dichlorobenzidine
 Concen: 45.010 ng
 RT: 21.722 min Scan# 3171
 Delta R.T. -0.020 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

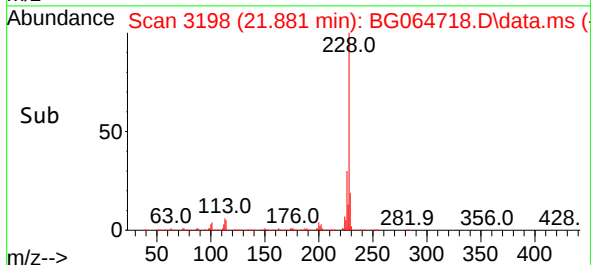
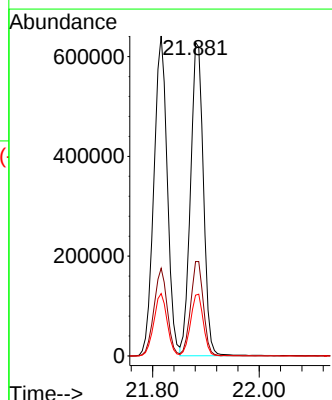
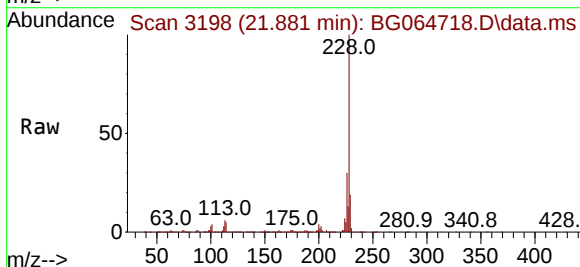
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS

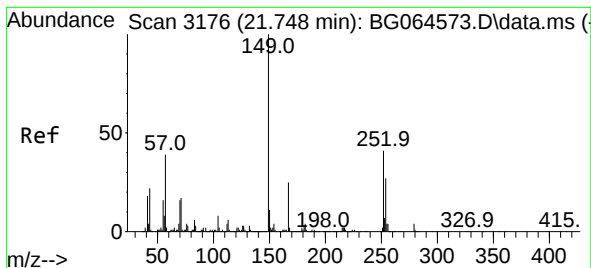
Tgt Ion:252 Resp: 353006
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 6.3 5.8 8.6



#83
 Chrysene
 Concen: 47.176 ng
 RT: 21.881 min Scan# 3198
 Delta R.T. -0.026 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

Tgt Ion:228 Resp: 1054272
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.3 34.9
 229 19.4 15.2 22.8

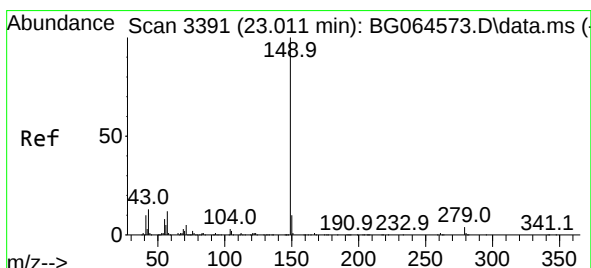
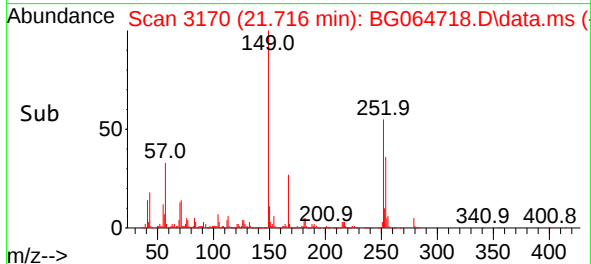
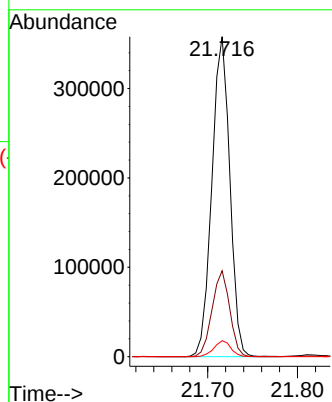
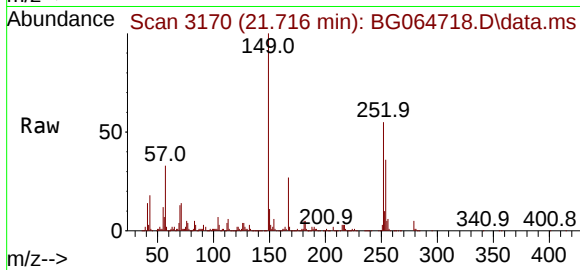




#84
Bis(2-ethylhexyl)phthalate
Concen: 47.452 ng
RT: 21.716 min Scan# 3170
Delta R.T. -0.032 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

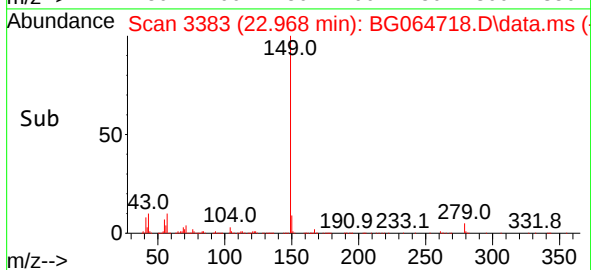
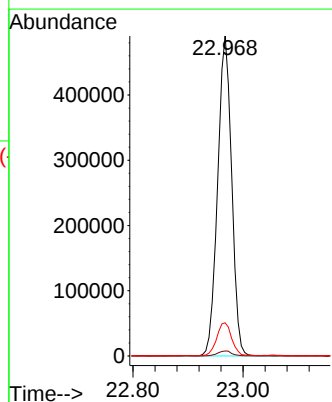
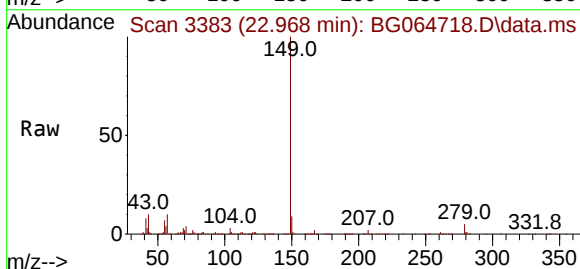
Instrument :
BNA_G
ClientSampleId :
PB170446BS

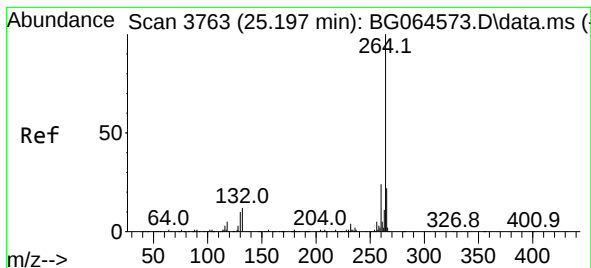
Tgt Ion:149 Resp: 495941
Ion Ratio Lower Upper
149 100
167 26.9 20.0 30.0
279 5.0 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 49.137 ng
RT: 22.968 min Scan# 3383
Delta R.T. -0.044 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:149 Resp: 865838
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 10.8 16.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.159 min Scan# 31

Delta R.T. -0.038 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

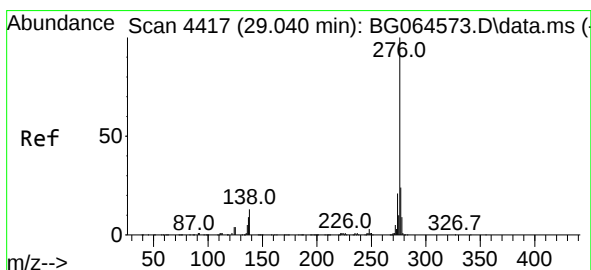
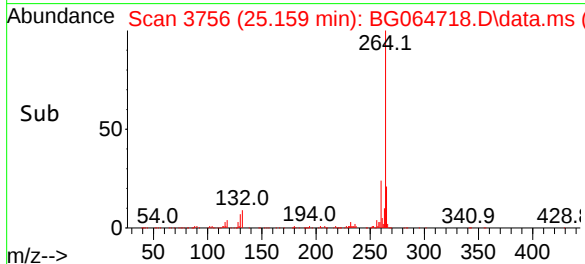
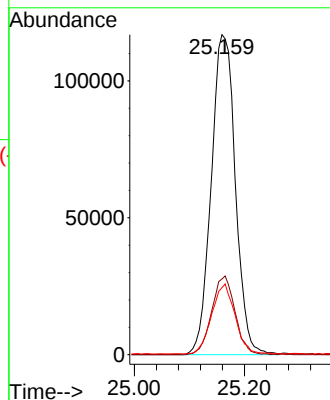
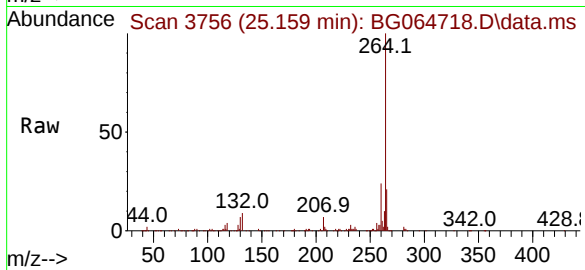
Tgt Ion:264 Resp: 356180

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.0 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 52.630 ng

RT: 28.978 min Scan# 4406

Delta R.T. -0.062 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

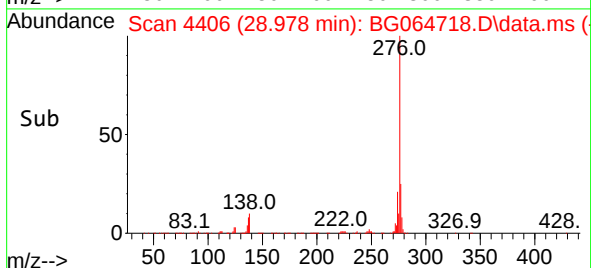
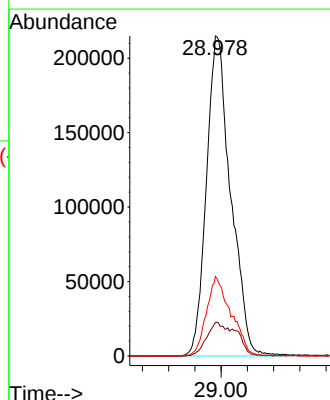
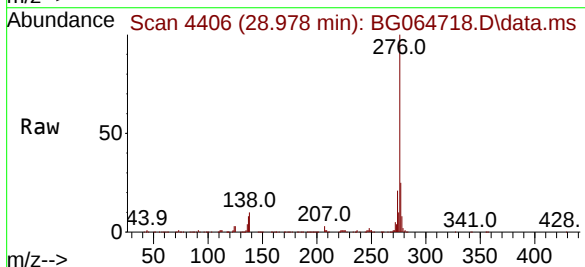
Tgt Ion:276 Resp: 1379002

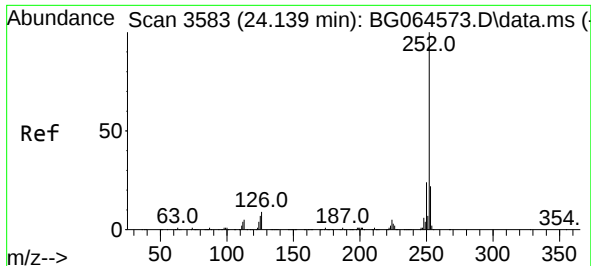
Ion Ratio Lower Upper

276 100

138 9.1 10.8 16.2#

277 25.2 20.1 30.1

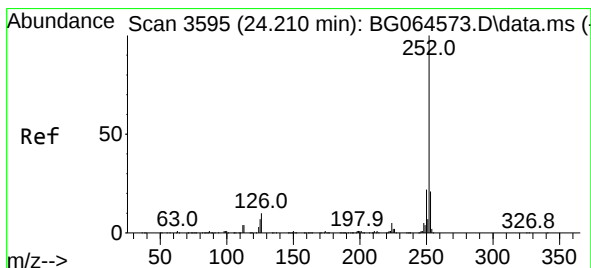
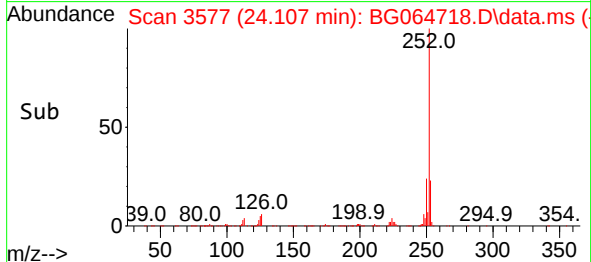
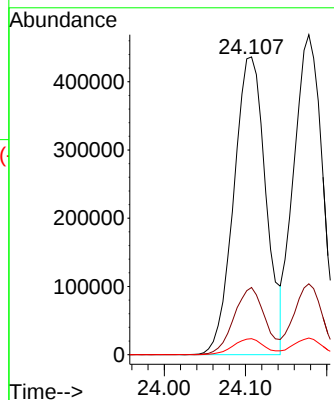
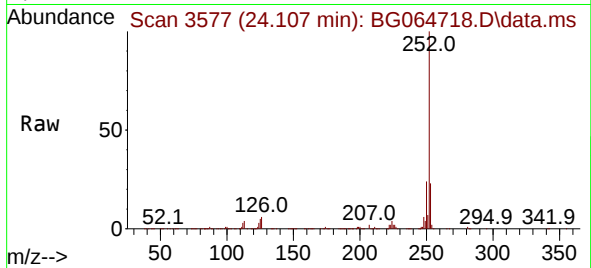




#88
Benzo(b)fluoranthene
Concen: 54.952 ng
RT: 24.107 min Scan# 3577
Delta R.T. -0.032 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

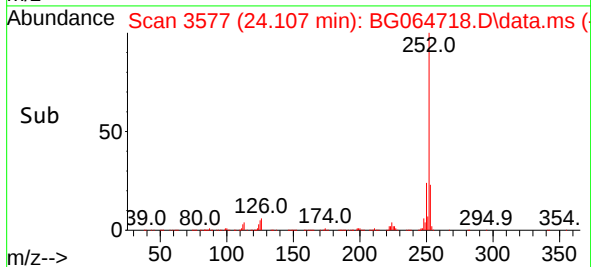
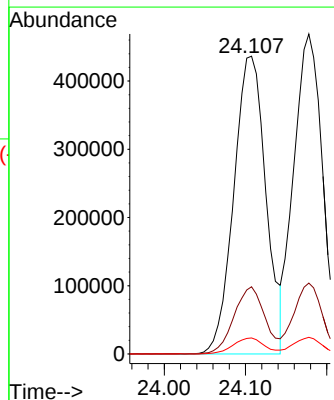
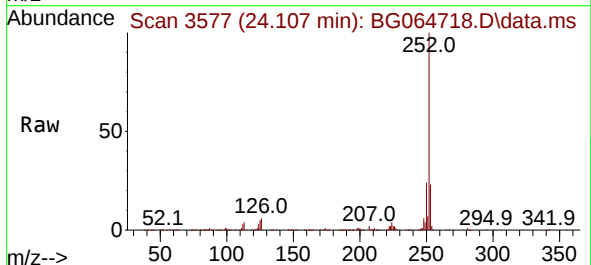
Instrument :
BNA_G
ClientSampleId :
PB170446BS

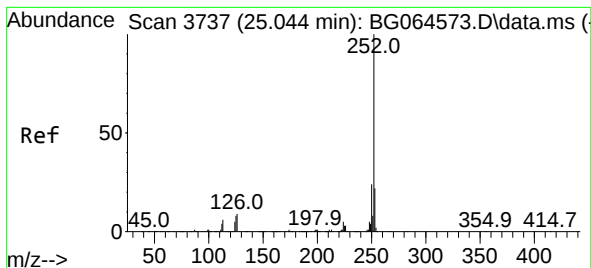
Tgt Ion:252 Resp: 1200201
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 5.4 5.6 8.4#



#89
Benzo(k)fluoranthene
Concen: 54.914 ng
RT: 24.107 min Scan# 3577
Delta R.T. -0.103 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:252 Resp: 1200201
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 5.4 5.4 8.0





#90

Benzo(a)pyrene

Concen: 49.990 ng

RT: 25.006 min Scan# 31

Delta R.T. -0.038 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

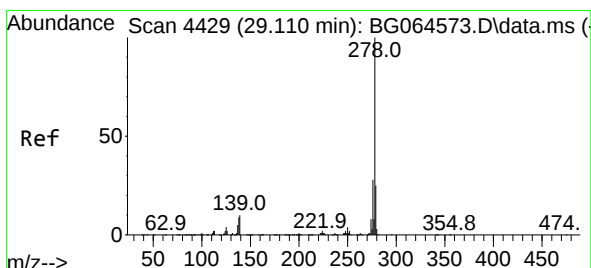
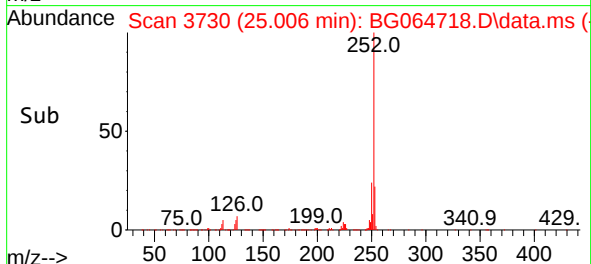
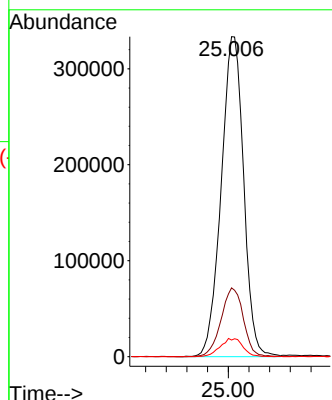
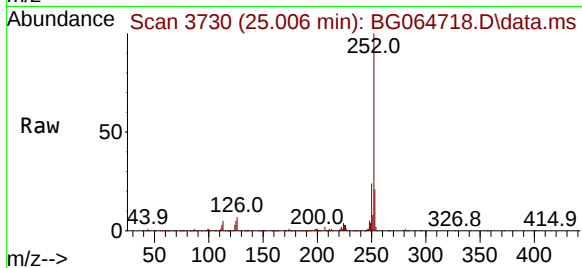
Tgt Ion:252 Resp: 1003625

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 5.2 6.1 9.1#



#91

Dibenzo(a,h)anthracene

Concen: 55.127 ng

RT: 29.060 min Scan# 4420

Delta R.T. -0.050 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

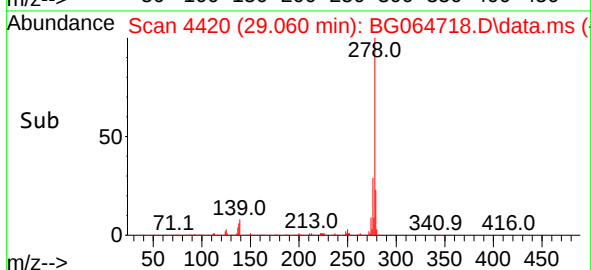
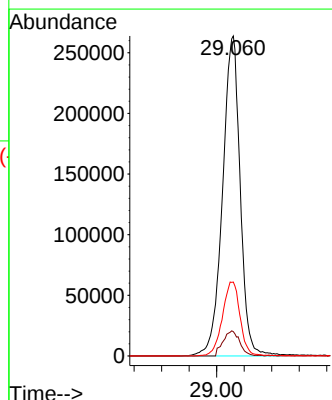
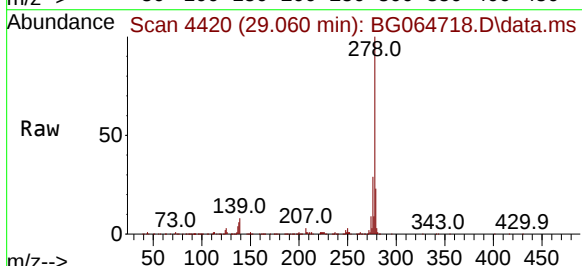
Tgt Ion:278 Resp: 1173489

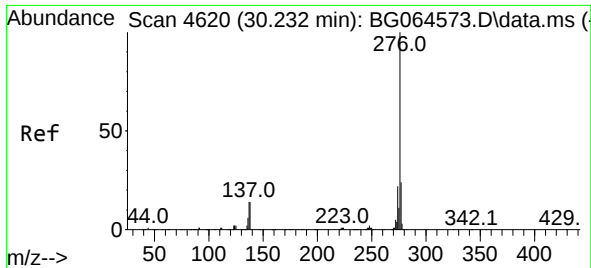
Ion Ratio Lower Upper

278 100

139 7.6 8.0 12.0#

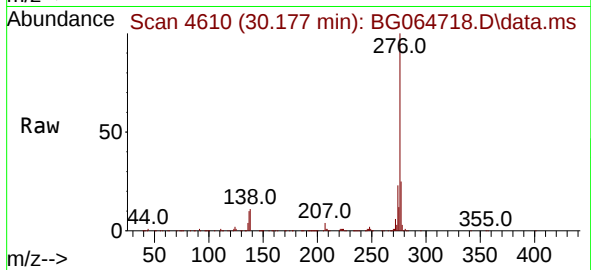
279 23.1 19.8 29.6





#92
 Benzo(g,h,i)perylene
 Concen: 55.376 ng
 RT: 30.177 min Scan# 4610
 Delta R.T. -0.056 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS



Tgt Ion:276 Resp: 1126075
 Ion Ratio Lower Upper
 276 100
 277 24.8 19.1 28.7
 138 10.9 11.3 16.9#

