

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064907.D
 Acq On : 9 Dec 2025 16:20
 Operator : RC/JU
 Sample : PB170870BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170870BS

Quant Time: Dec 09 17:23:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	25122	20.000	ng	#-0.02
21) Naphthalene-d8	10.970	136	97420	20.000	ng	#-0.02
39) Acenaphthene-d10	14.766	164	87064	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	219086	20.000	ng	#-0.01
76) Chrysene-d12	21.746	240	270798	20.000	ng	#-0.01
86) Perylene-d12	24.995	264	289128	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	181011	125.820	ng	-0.01
7) Phenol-d6	7.298	99	232402	121.456	ng	-0.01
23) Nitrobenzene-d5	9.313	82	154411	78.367	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	262573	154.635	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	514600	82.473	ng	-0.01
79) Terphenyl-d14	20.083	244	1280294	93.001	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.508	88	17923	32.180	ng	97
3) Pyridine	3.919	79	48101	28.986	ng	96
4) n-Nitrosodimethylamine	3.825	42	37375	44.251	ng	85
6) Aniline	7.468	93	72515	28.432	ng	97
8) 2-Chlorophenol	7.715	128	74599	47.224	ng	95
9) Benzaldehyde	7.274	77	23937	19.110	ng	94
10) Phenol	7.327	94	91279	43.844	ng	92
11) bis(2-Chloroethyl)ether	7.556	93	55838	37.691	ng	99
12) 1,3-Dichlorobenzene	8.044	146	79476	43.723	ng	98
13) 1,4-Dichlorobenzene	8.185	146	81837	44.215	ng	97
14) 1,2-Dichlorobenzene	8.508	146	80239	44.710	ng	98
15) Benzyl Alcohol	8.385	79	71986	45.833	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.679	45	119185	33.989	ng	97
17) 2-Methylphenol	8.590	107	63712	43.250	ng	95
18) Hexachloroethane	9.248	117	28683	40.915	ng	87
19) n-Nitroso-di-n-propyla...	8.955	70	52019	40.207	ng	97
20) 3+4-Methylphenols	8.914	107	90711	44.949	ng	95
22) Acetophenone	8.972	105	126577	47.690	ng	95
24) Nitrobenzene	9.354	77	84051	42.218	ng	96
25) Isophorone	9.883	82	150176	40.024	ng	99
26) 2-Nitrophenol	10.071	139	44475	49.666	ng	97
27) 2,4-Dimethylphenol	10.124	122	73469	46.181	ng	98
28) bis(2-Chloroethoxy)met...	10.359	93	83258	40.418	ng	97
29) 2,4-Dichlorophenol	10.612	162	88316	51.707	ng	98
30) 1,2,4-Trichlorobenzene	10.829	180	107217	51.985	ng	98
31) Naphthalene	11.023	128	243514	44.095	ng	99
32) Benzoic acid	10.265	122	45102	41.129	ng	97
33) 4-Chloroaniline	11.117	127	38462	17.410	ng	97
34) Hexachlorobutadiene	11.311	225	94174	53.218	ng	99
35) Caprolactam	11.881	113	13755	26.925	ng	# 78
36) 4-Chloro-3-methylphenol	12.227	107	91243	47.995	ng	99
37) 2-Methylnaphthalene	12.615	142	170100	41.160	ng	99
38) 1-Methylnaphthalene	12.827	142	180421	43.949	ng	99
40) 1,2,4,5-Tetrachloroben...	12.979	216	181054	53.435	ng	98
41) Hexachlorocyclopentadiene	12.962	237	226851	93.407	ng	98
43) 2,4,6-Trichlorophenol	13.209	196	100351	50.462	ng	94

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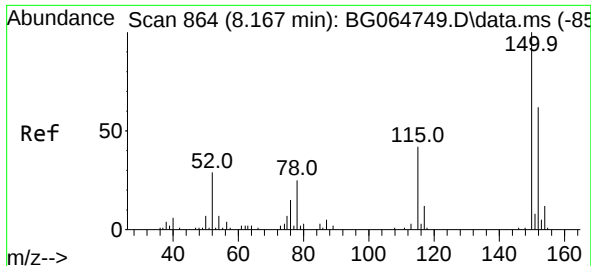
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.279	196	107444	48.173	ng	95
46) 1,1'-Biphenyl	13.608	154	303917	48.602	ng	98
47) 2-Chloronaphthalene	13.649	162	217464	44.142	ng	99
48) 2-Nitroaniline	13.837	65	66051	41.684	ng	97
49) Acenaphthylene	14.489	152	372266	44.231	ng	98
50) Dimethylphthalate	14.213	163	308980	44.926	ng	99
51) 2,6-Dinitrotoluene	14.325	165	63522	47.999	ng	96
52) Acenaphthene	14.830	154	263183	52.153	ng	97
53) 3-Nitroaniline	14.660	138	38509	29.483	ng #	81
54) 2,4-Dinitrophenol	14.860	184	85740	93.016	ng	96
55) Dibenzofuran	15.159	168	381585	45.738	ng	98
56) 4-Nitrophenol	14.959	139	91382	88.180	ng	89
57) 2,4-Dinitrotoluene	15.112	165	95094	47.930	ng	96
58) Fluorene	15.806	166	295596	45.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.382	232	122297	55.574	ng	95
60) Diethylphthalate	15.565	149	304246	46.179	ng	98
61) 4-Chlorophenyl-phenyle...	15.794	204	199282	50.748	ng	95
62) 4-Nitroaniline	15.817	138	57546	42.528	ng	88
63) Azobenzene	16.082	77	222689	40.637	ng	89
65) 4,6-Dinitro-2-methylph...	15.870	198	66027	54.280	ng	93
66) n-Nitrosodiphenylamine	15.999	169	271653	47.338	ng	98
67) 4-Bromophenyl-phenylether	16.681	248	152904	53.145	ng	96
68) Hexachlorobenzene	16.804	284	182901	52.471	ng	92
69) Atrazine	16.939	200	132089	47.741	ng	97
70) Pentachlorophenol	17.145	266	212352	101.184	ng	99
71) Phenanthrene	17.539	178	540963	45.129	ng	98
72) Anthracene	17.627	178	541167	44.275	ng	99
73) Carbazole	17.891	167	454267	43.233	ng	99
74) Di-n-butylphthalate	18.438	149	505007	43.079	ng	99
75) Fluoranthene	19.531	202	709255	43.270	ng	98
77) Benzidine	19.701	184	161362	19.897	ng	98
78) Pyrene	19.889	202	738683	48.671	ng	99
80) Butylbenzylphthalate	20.759	149	225048	42.157	ng	94
81) Benzo(a)anthracene	21.722	228	842713	45.767	ng	99
82) 3,3'-Dichlorobenzidine	21.634	252	186829	27.567	ng	97
83) Chrysene	21.793	228	787553	45.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.616	149	327680	42.006	ng	100
85) Di-n-octyl phthalate	22.838	149	554169	41.098	ng	97
87) Indeno(1,2,3-cd)pyrene	28.714	276	1104269	55.591	ng	100
88) Benzo(b)fluoranthene	23.961	252	875903	47.604	ng #	99
89) Benzo(k)fluoranthene	24.037	252	904014	48.905	ng #	97
90) Benzo(a)pyrene	24.848	252	841753	49.317	ng #	98
91) Dibenzo(a,h)anthracene	28.779	278	917187	56.362	ng	96
92) Benzo(g,h,i)perylene	29.883	276	885891	56.566	ng #	96

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

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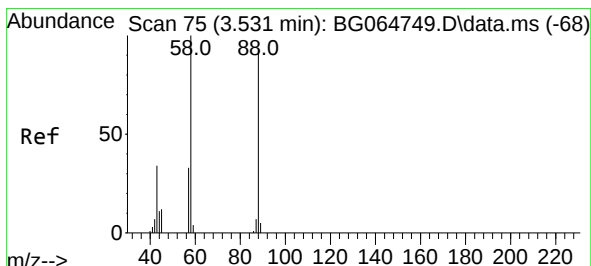
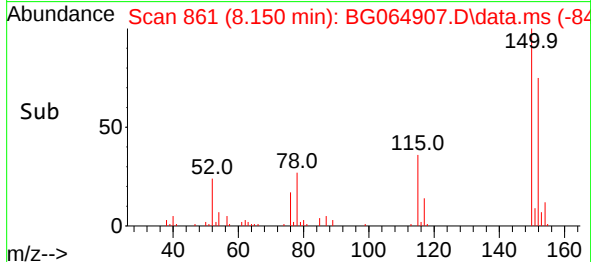
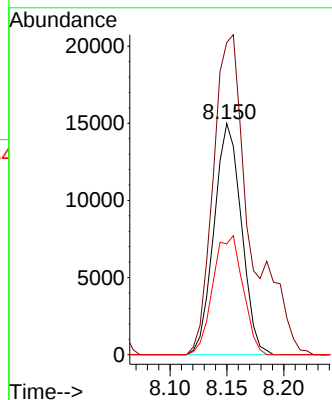
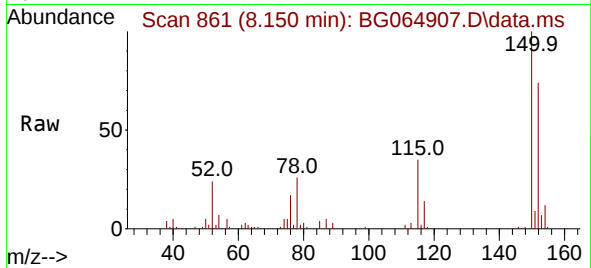




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.150 min Scan# 80
 Delta R.T. -0.017 min
 Lab File: BG064907.D
 Acq: 9 Dec 2025 16:20

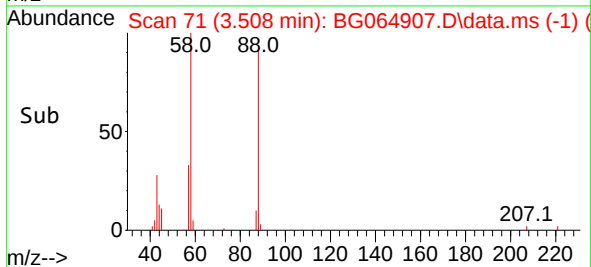
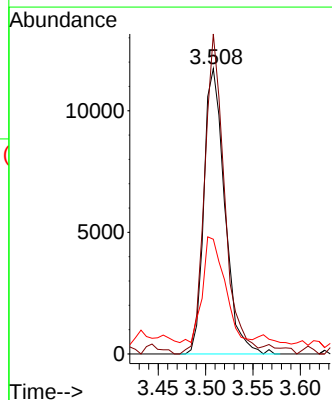
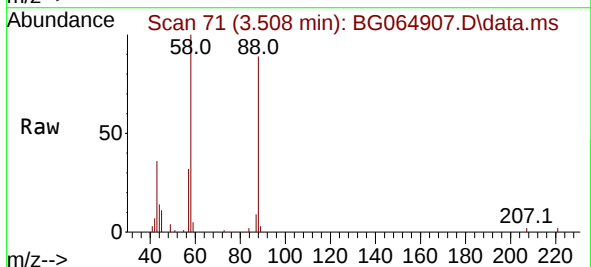
Instrument :
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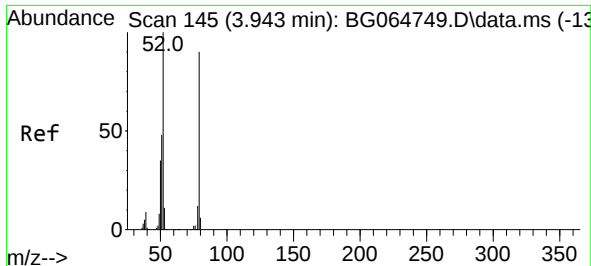
Tgt Ion:152 Resp: 25122
 Ion Ratio Lower Upper
 152 100
 150 135.0 129.2 193.8
 115 47.9 53.7 80.5#



#2
 1,4-Dioxane
 Concen: 32.180 ng
 RT: 3.508 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: BG064907.D
 Acq: 9 Dec 2025 16:20

Tgt Ion: 88 Resp: 17923
 Ion Ratio Lower Upper
 88 100
 58 107.8 84.6 126.8
 43 41.4 30.0 45.0





#3

Pyridine

Concen: 28.986 ng

RT: 3.919 min Scan# 145

Delta R.T. -0.023 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

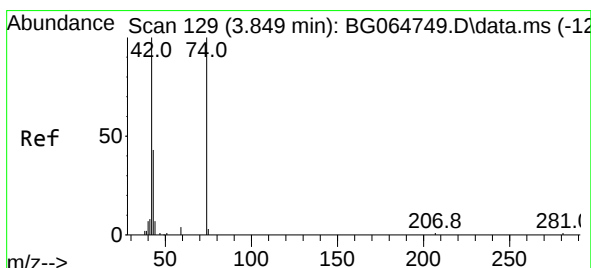
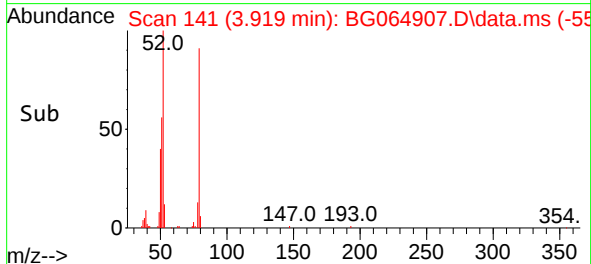
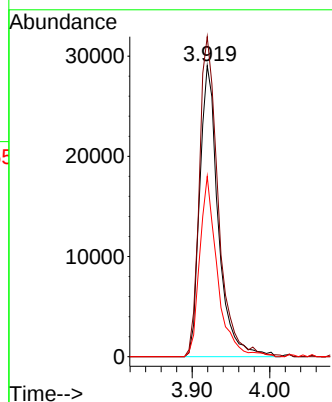
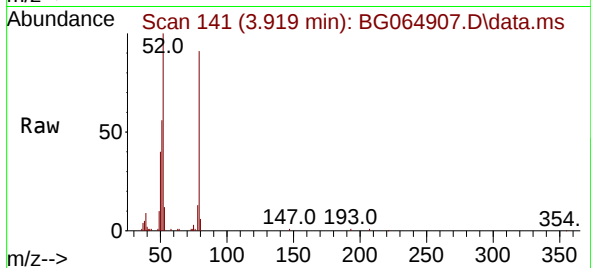
BNA_G

ClientSampleId :

PB170870BS

Tgt Ion: 79 Resp: 48101

Ion	Ratio	Lower	Upper
79	100		
52	109.9	89.0	133.4
51	61.9	43.4	65.0



#4

n-Nitrosodimethylamine

Concen: 44.251 ng

RT: 3.825 min Scan# 125

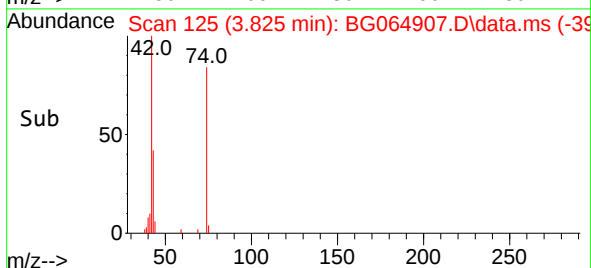
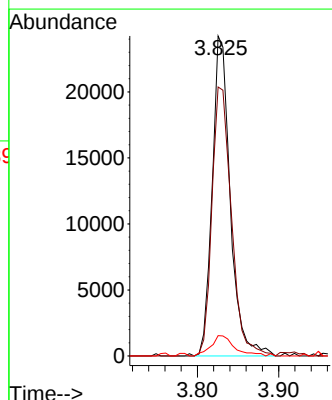
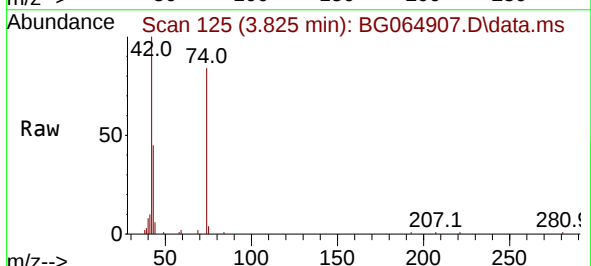
Delta R.T. -0.023 min

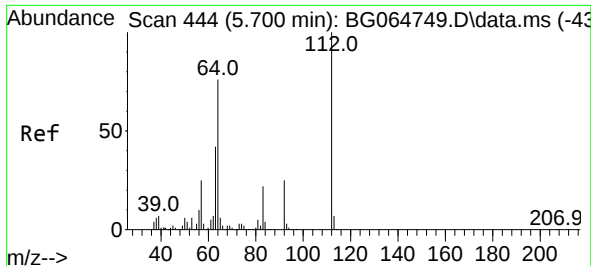
Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Tgt Ion: 42 Resp: 37375

Ion	Ratio	Lower	Upper
42	100		
74	84.1	79.8	119.6
44	6.4	5.9	8.9

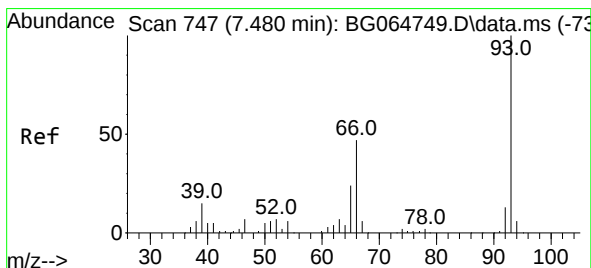
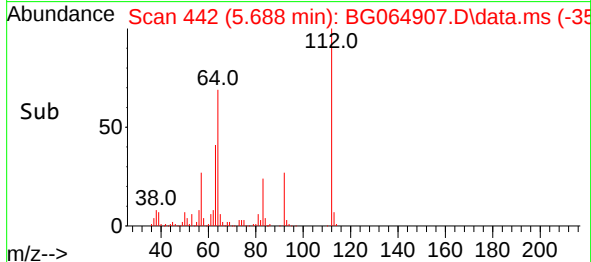
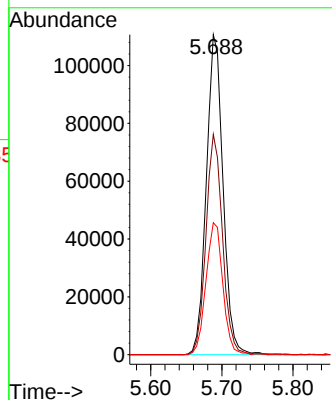
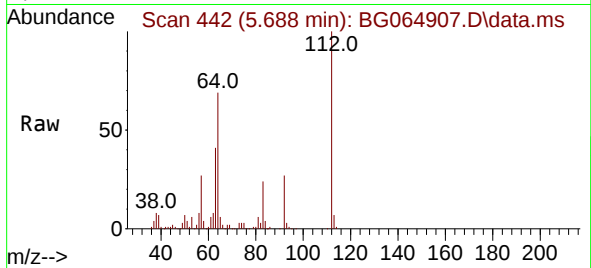




#5
2-Fluorophenol
Concen: 125.820 ng
RT: 5.688 min Scan# 444
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

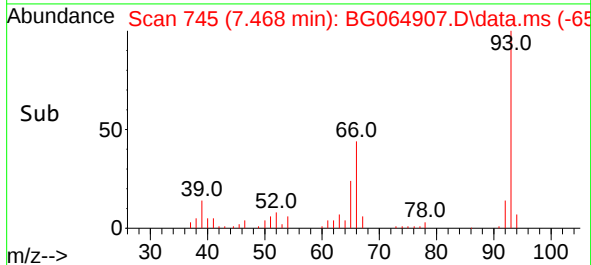
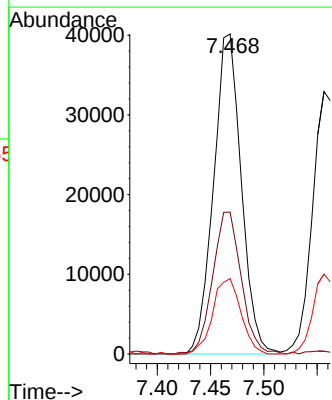
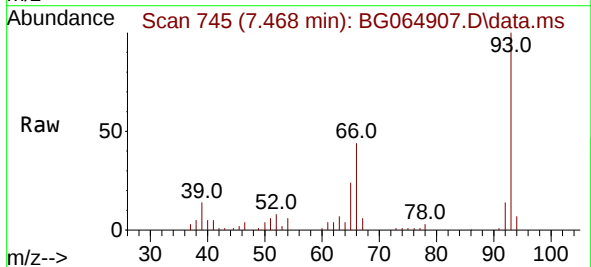
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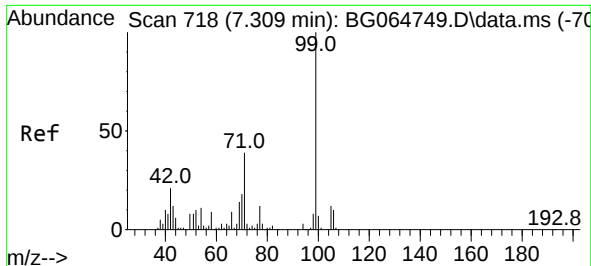
Tgt Ion:112 Resp: 181011
Ion Ratio Lower Upper
112 100
64 68.9 61.0 91.4
63 41.3 33.3 49.9



#6
Aniline
Concen: 28.432 ng
RT: 7.468 min Scan# 745
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion: 93 Resp: 72515
Ion Ratio Lower Upper
93 100
66 44.4 37.7 56.5
65 23.5 19.1 28.7

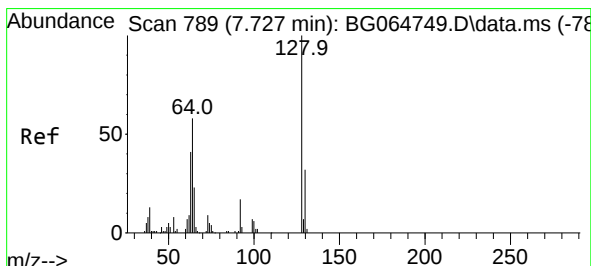
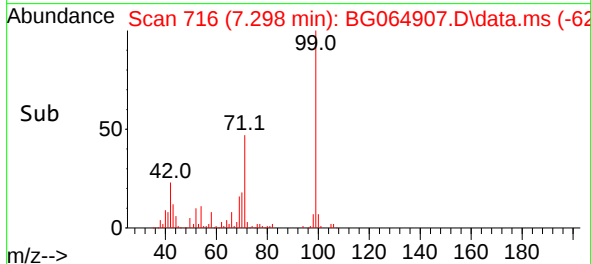
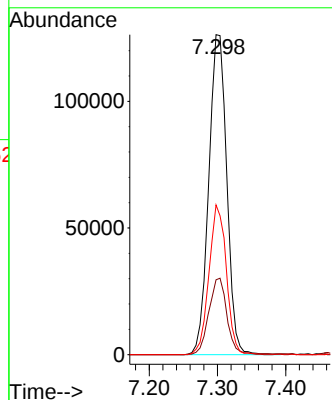
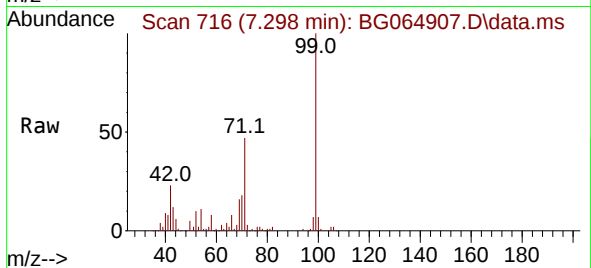




#7
Phenol-d6
Concen: 121.456 ng
RT: 7.298 min Scan# 716
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

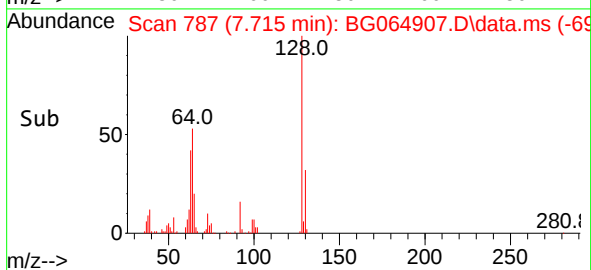
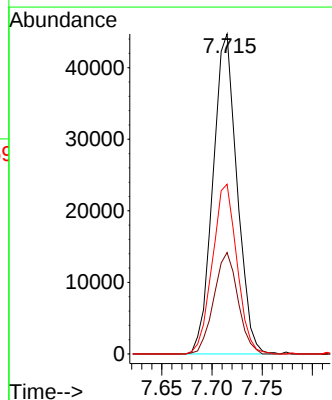
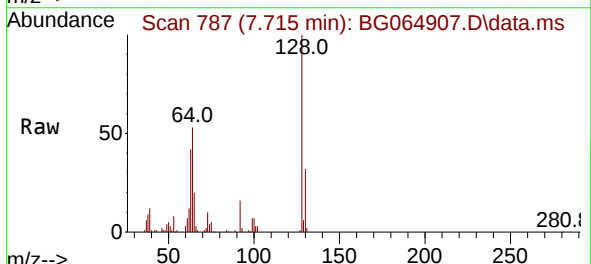
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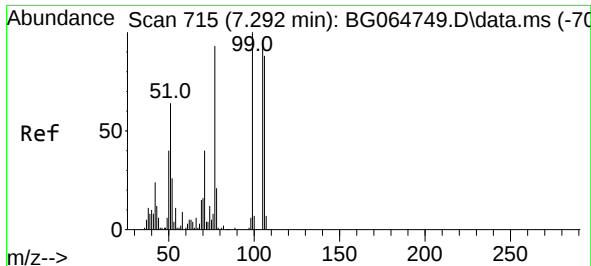
Tgt Ion: 99 Resp: 232402
Ion Ratio Lower Upper
99 100
42 23.4 16.8 25.2
71 46.8 31.1 46.7#



#8
2-Chlorophenol
Concen: 47.224 ng
RT: 7.715 min Scan# 787
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:128 Resp: 74599
Ion Ratio Lower Upper
128 100
130 31.7 11.9 51.9
64 53.1 38.4 78.4

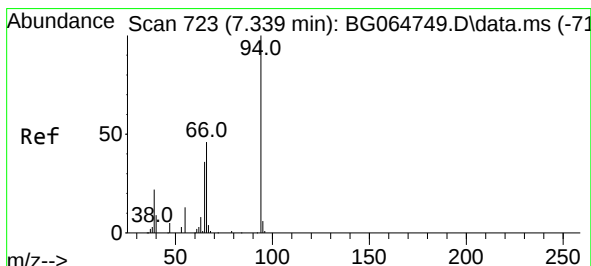
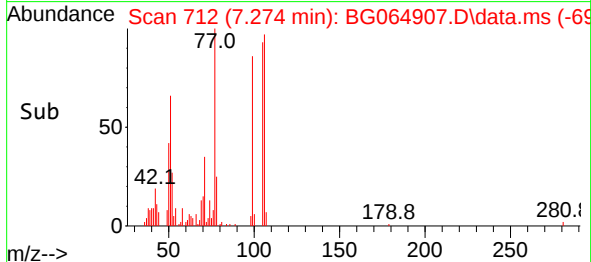
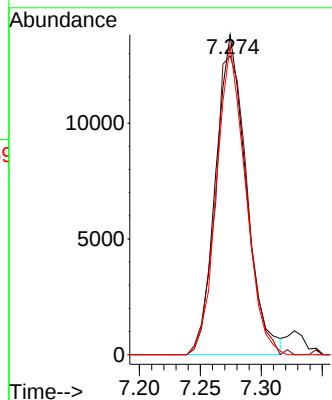
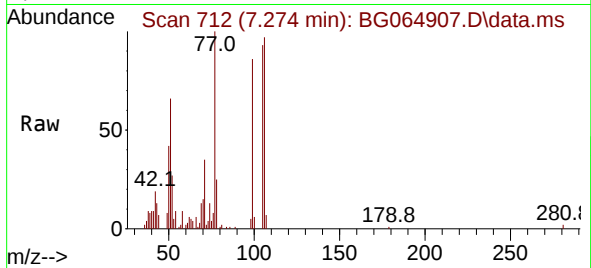




#9
Benzaldehyde
Concen: 19.110 ng
RT: 7.274 min Scan# 715
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

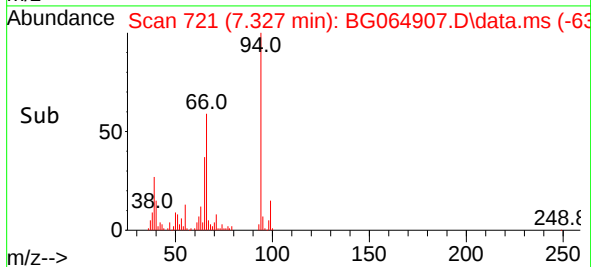
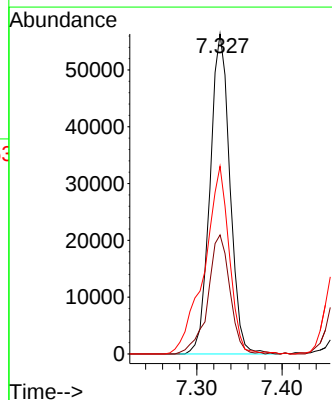
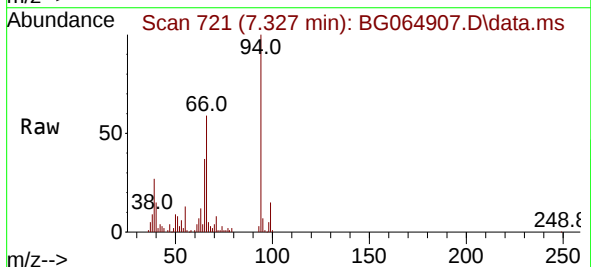
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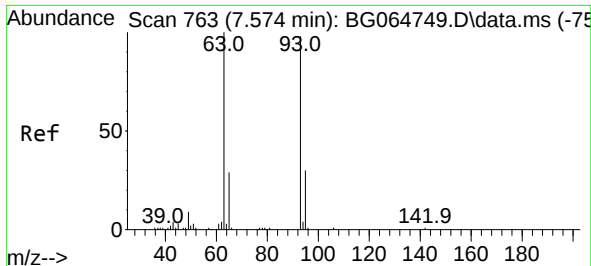
Tgt Ion: 77 Resp: 23937
Ion Ratio Lower Upper
77 100
105 93.4 83.8 123.8
106 96.6 74.3 114.3



#10
Phenol
Concen: 43.844 ng
RT: 7.327 min Scan# 721
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion: 94 Resp: 91279
Ion Ratio Lower Upper
94 100
65 37.2 17.0 57.0
66 58.6 29.8 69.8

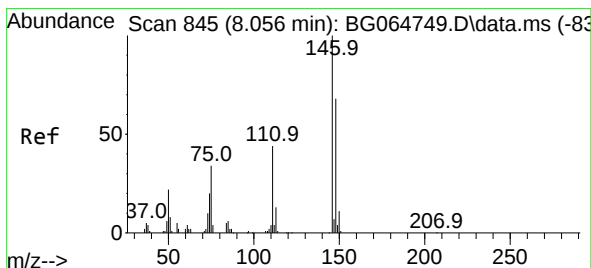
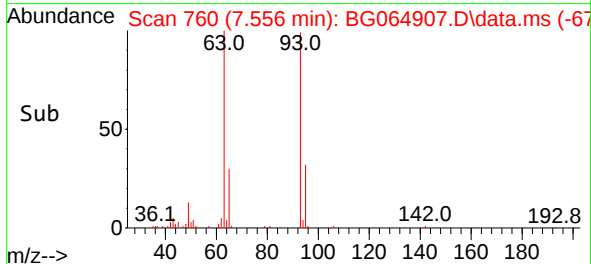
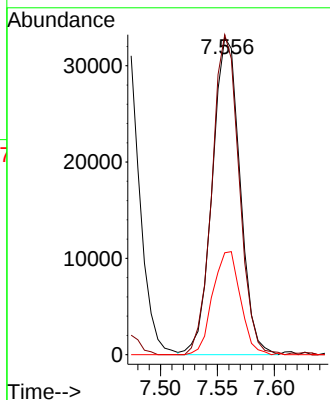
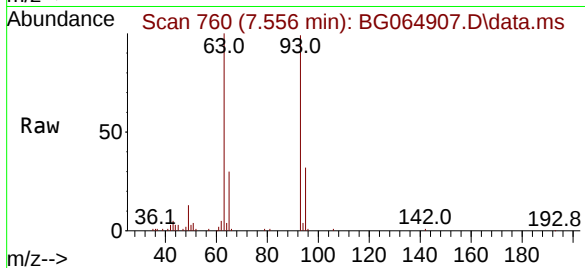




#11
bis(2-Chloroethyl)ether
Concen: 37.691 ng
RT: 7.556 min Scan# 70
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

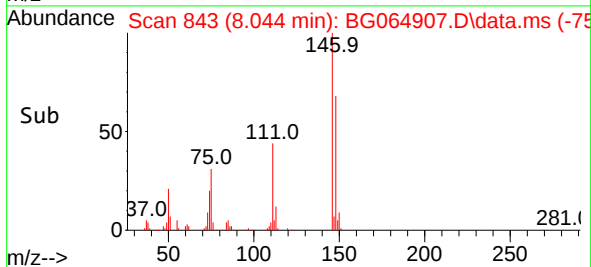
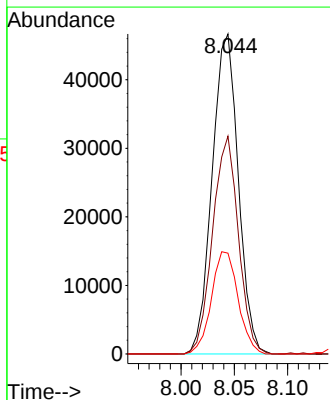
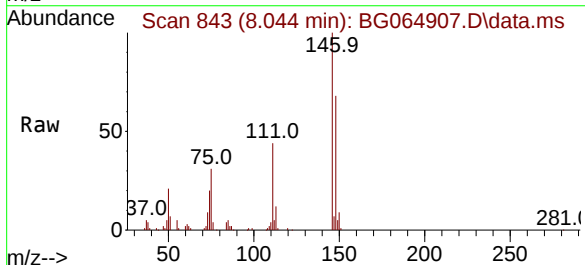
Instrument :
BNA_G
ClientSampleId :
PB170870BS

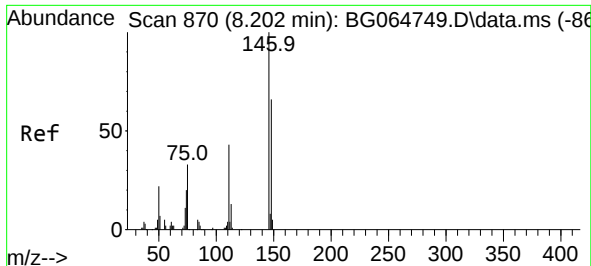
Tgt Ion: 93 Resp: 55838
Ion Ratio Lower Upper
93 100
63 100.9 81.8 121.8
95 32.1 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 43.723 ng
RT: 8.044 min Scan# 843
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:146 Resp: 79476
Ion Ratio Lower Upper
146 100
148 68.1 54.6 82.0
75 31.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 44.215 ng

RT: 8.185 min Scan# 8

Delta R.T. -0.017 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

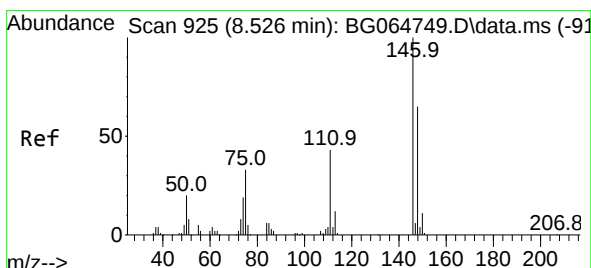
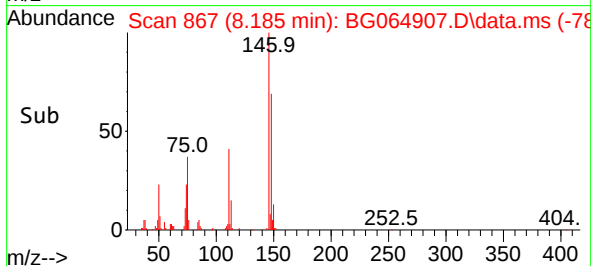
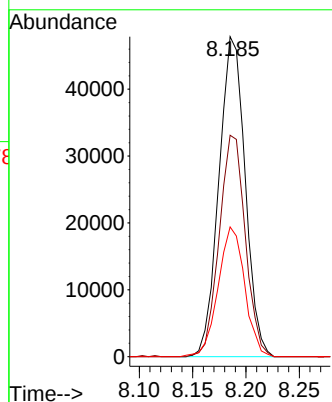
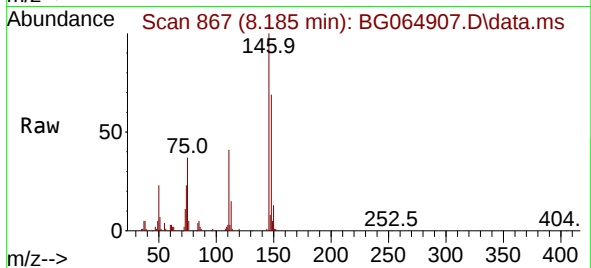
Tgt Ion:146 Resp: 81837

Ion Ratio Lower Upper

146 100

148 69.2 53.1 79.7

111 40.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 44.710 ng

RT: 8.508 min Scan# 922

Delta R.T. -0.017 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

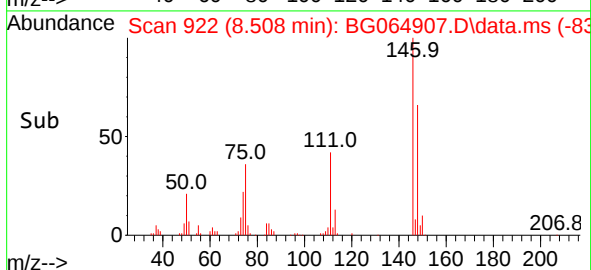
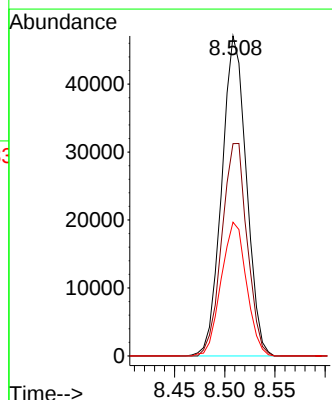
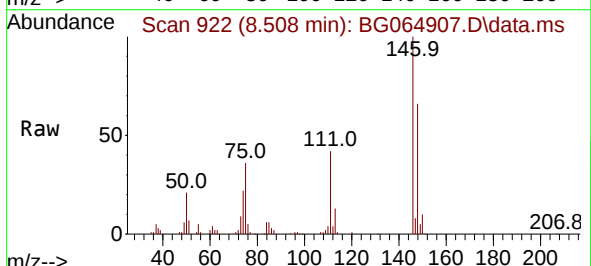
Tgt Ion:146 Resp: 80239

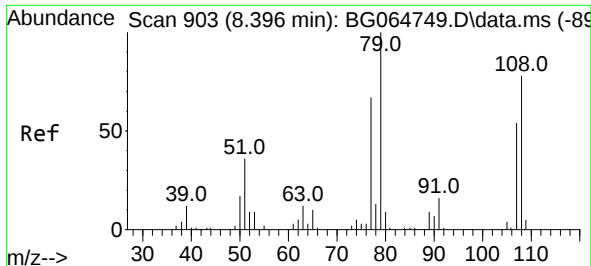
Ion Ratio Lower Upper

146 100

148 66.4 52.0 78.0

111 41.8 34.7 52.1

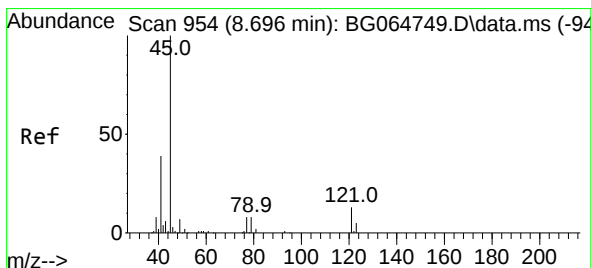
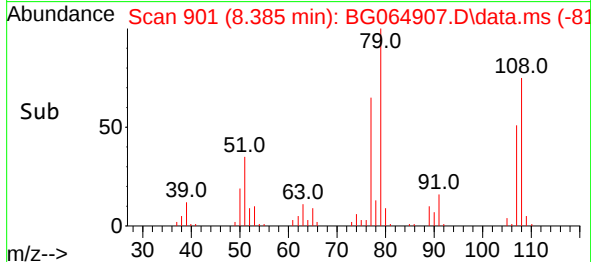
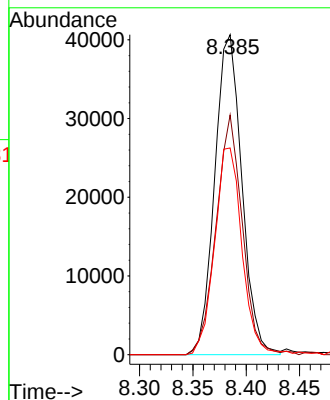
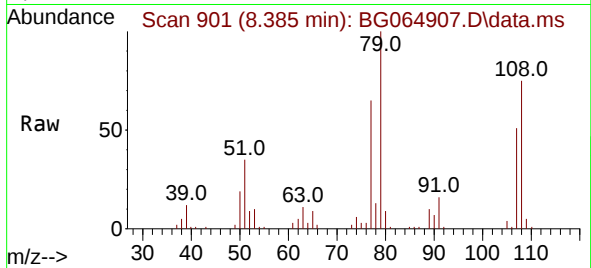




#15
Benzyl Alcohol
Concen: 45.833 ng
RT: 8.385 min Scan# 901
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

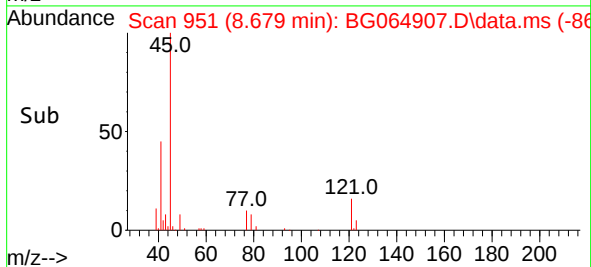
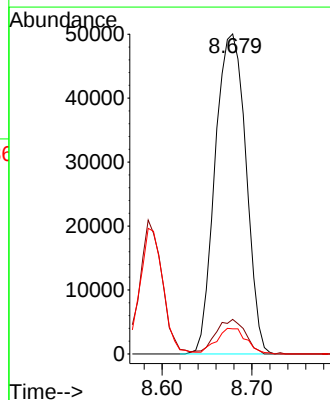
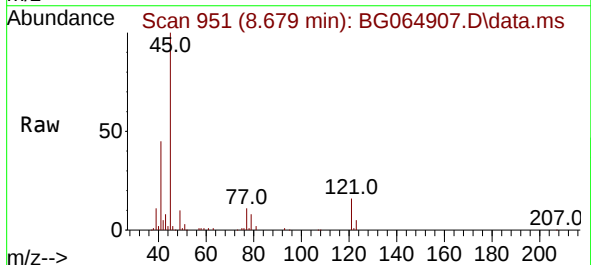
Instrument :
BNA_G
ClientSampleId :
PB170870BS

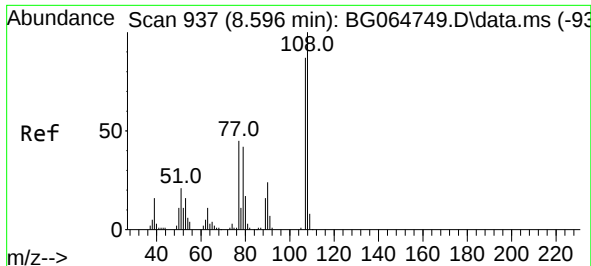
Tgt Ion: 79 Resp: 71986
Ion Ratio Lower Upper
79 100
108 74.9 62.3 93.5
77 64.6 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.989 ng
RT: 8.679 min Scan# 951
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion: 45 Resp: 119185
Ion Ratio Lower Upper
45 100
77 10.8 0.0 28.8
79 7.9 0.0 28.1





#17

2-Methylphenol

Concen: 43.250 ng

RT: 8.590 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

Tgt Ion:107 Resp: 63712

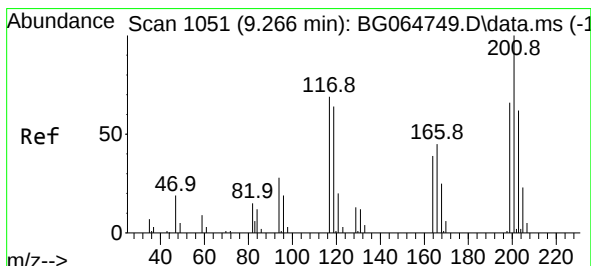
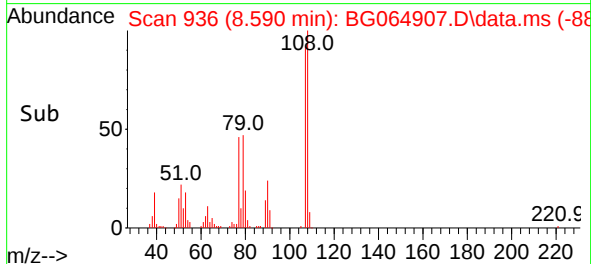
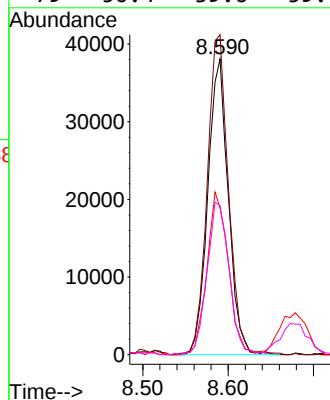
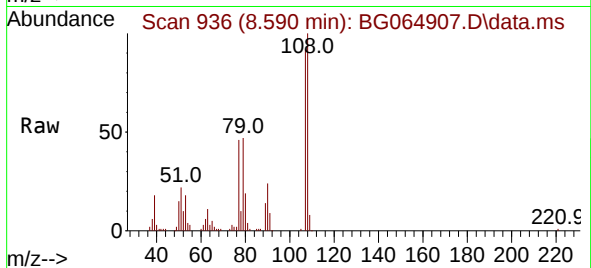
Ion Ratio Lower Upper

107 100

108 108.2 92.6 138.8

77 49.6 41.2 61.8

79 50.4 39.6 59.4



#18

Hexachloroethane

Concen: 40.915 ng

RT: 9.248 min Scan# 1048

Delta R.T. -0.017 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

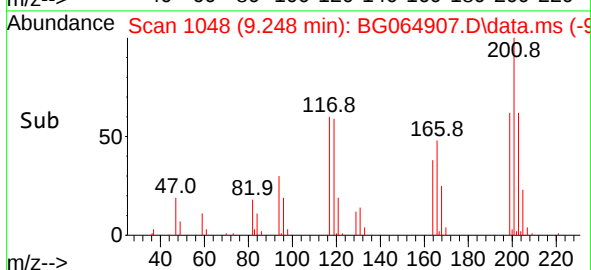
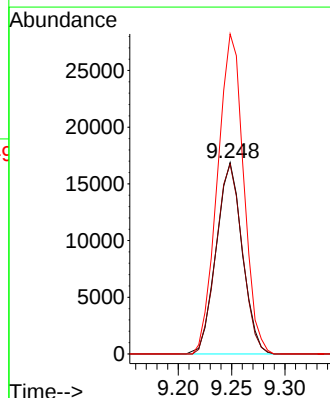
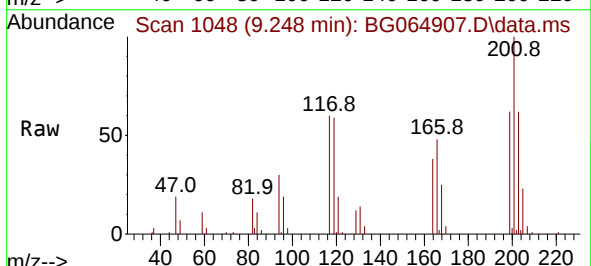
Tgt Ion:117 Resp: 28683

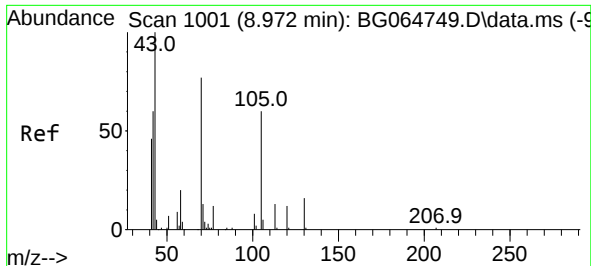
Ion Ratio Lower Upper

117 100

119 99.2 74.4 111.6

201 167.2 116.5 174.7

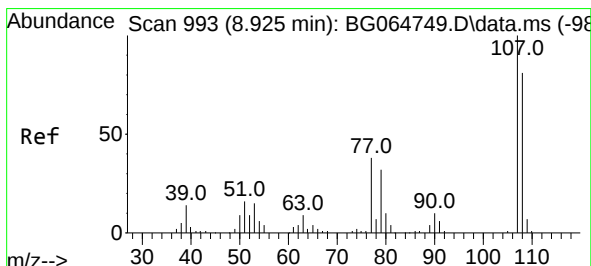
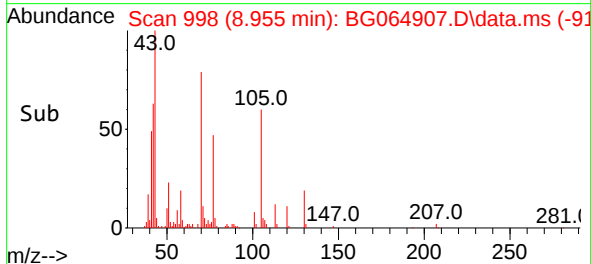
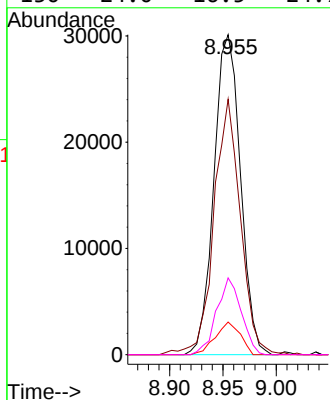
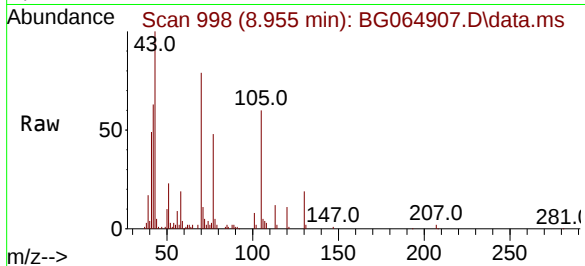




#19
n-Nitroso-di-n-propylamine
Concen: 40.207 ng
RT: 8.955 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

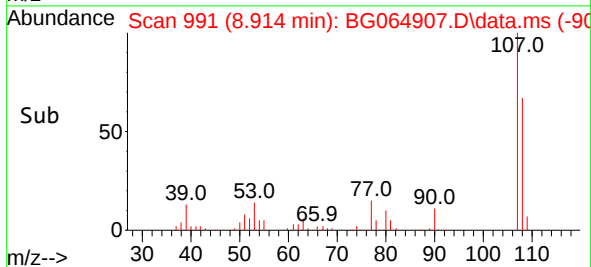
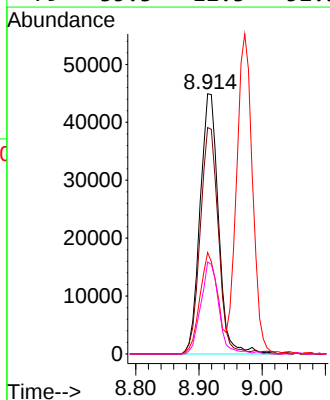
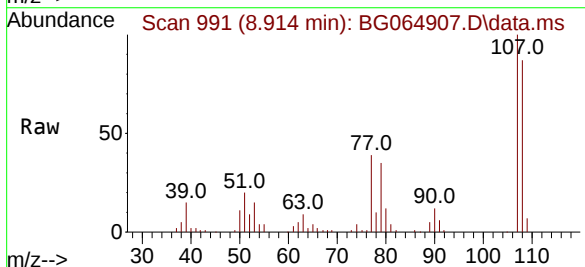
Instrument :
BNA_G
ClientSampleId :
PB170870BS

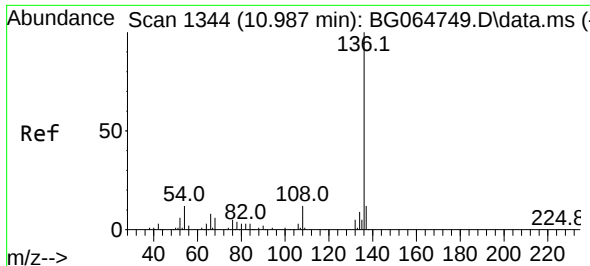
Tgt Ion:	70	Resp:	52019
Ion	Ratio	Lower	Upper
70	100		
42	79.8	62.6	93.8
101	10.2	8.0	12.0
130	24.0	16.5	24.7



#20
3+4-Methylphenols
Concen: 44.949 ng
RT: 8.914 min Scan# 991
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:	107	Resp:	90711
Ion	Ratio	Lower	Upper
107	100		
108	87.0	61.0	101.0
77	39.0	17.6	57.6
79	35.3	12.3	52.3

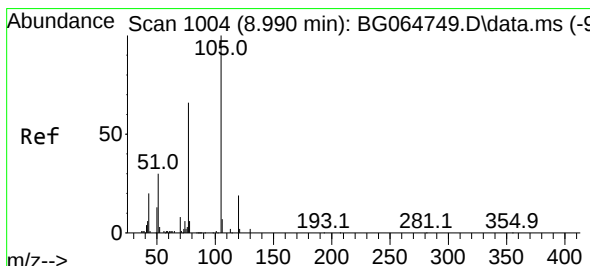
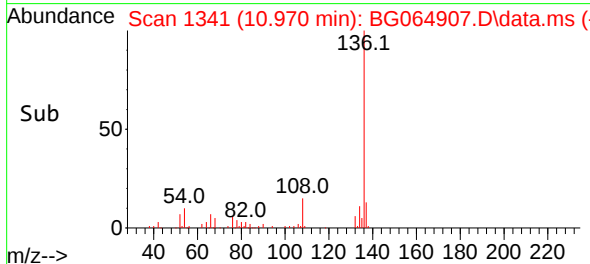
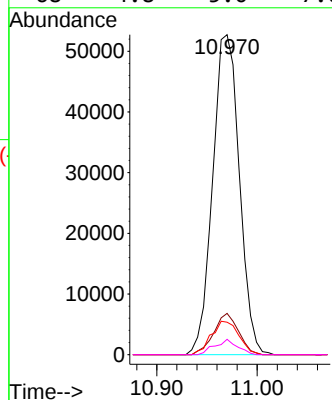
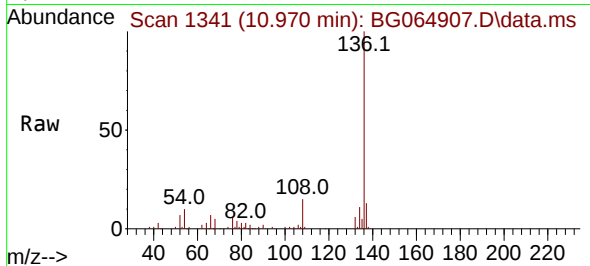




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

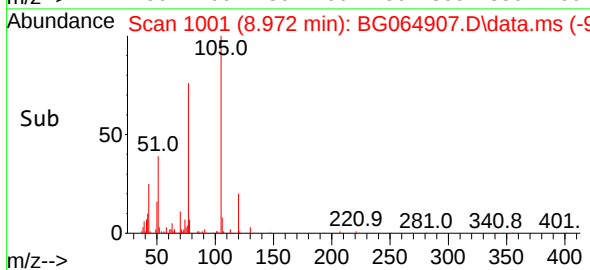
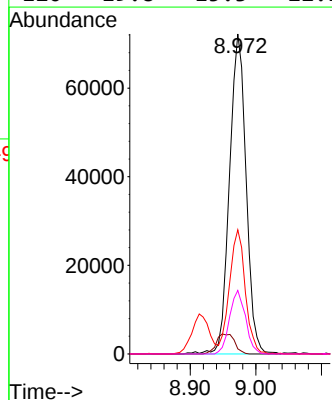
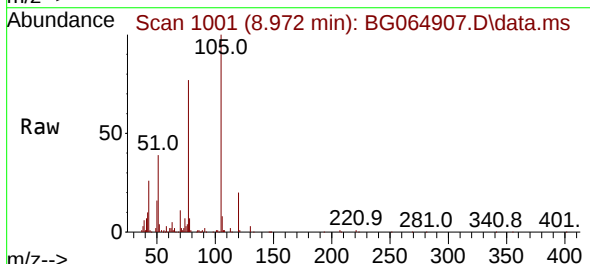
Instrument :
BNA_G
ClientSampleId :
PB170870BS

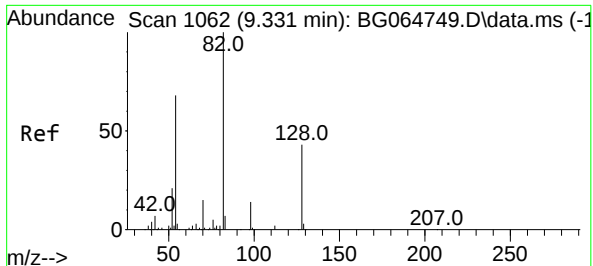
Tgt Ion:136 Resp: 97420
Ion Ratio Lower Upper
136 100
137 12.9 9.3 13.9
54 10.2 9.3 13.9
68 4.8 5.0 7.6#



#22
Acetophenone
Concen: 47.690 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:105 Resp: 126577
Ion Ratio Lower Upper
105 100
71 1.6 1.3 1.9
51 38.8 27.9 41.9
120 19.8 15.3 22.9





#23

Nitrobenzene-d5

Concen: 78.367 ng

RT: 9.313 min Scan# 1059

Delta R.T. -0.017 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

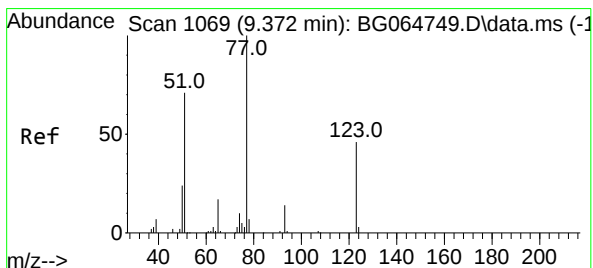
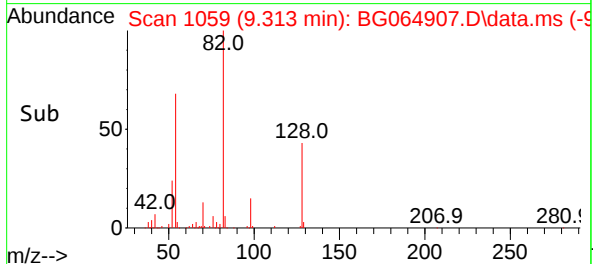
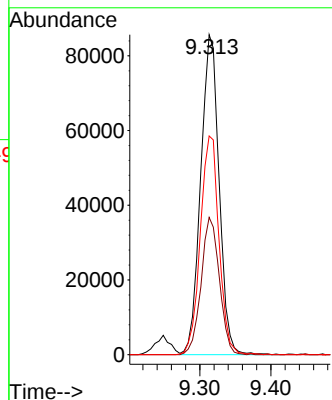
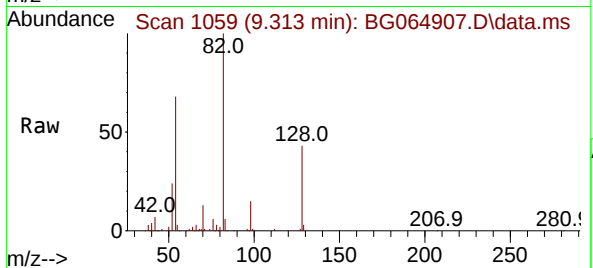
Tgt Ion: 82 Resp: 154411

Ion Ratio Lower Upper

82 100

128 42.9 34.1 51.1

54 68.3 54.3 81.5



#24

Nitrobenzene

Concen: 42.218 ng

RT: 9.354 min Scan# 1066

Delta R.T. -0.017 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

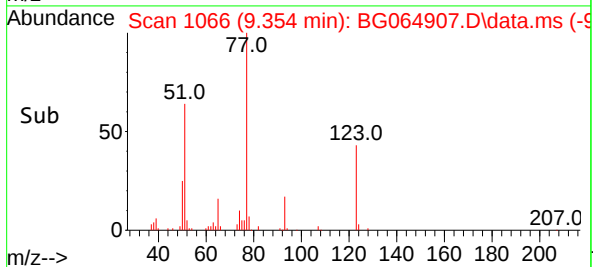
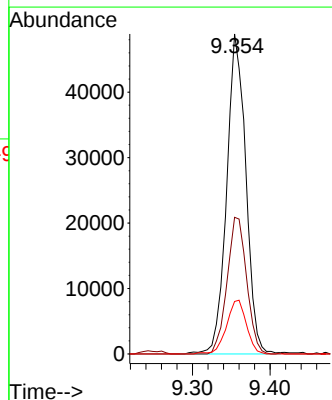
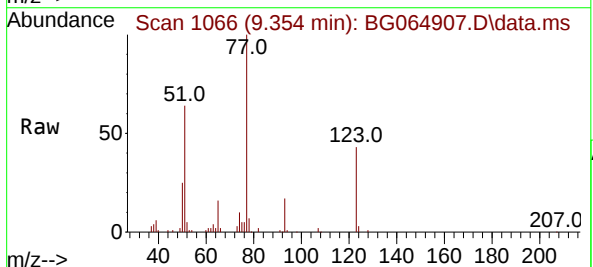
Tgt Ion: 77 Resp: 84051

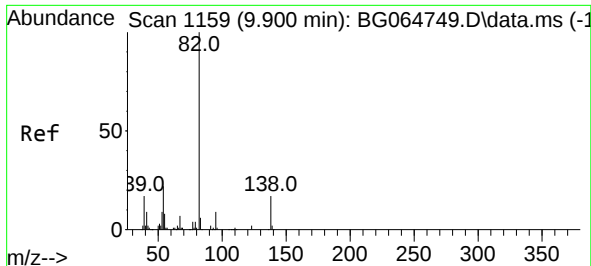
Ion Ratio Lower Upper

77 100

123 42.7 36.5 54.7

65 16.4 13.5 20.3

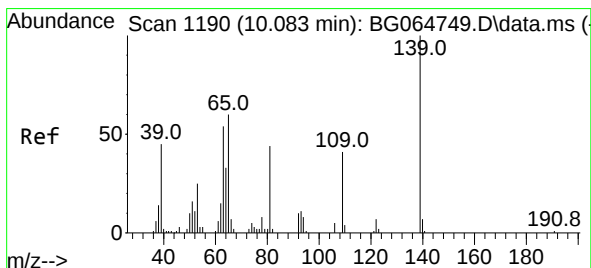
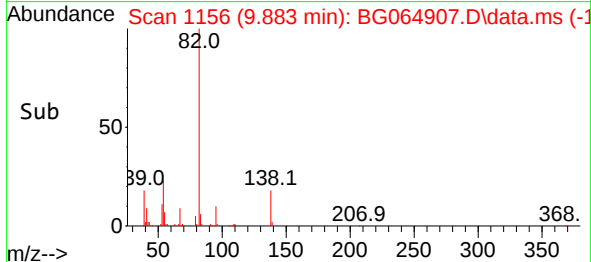
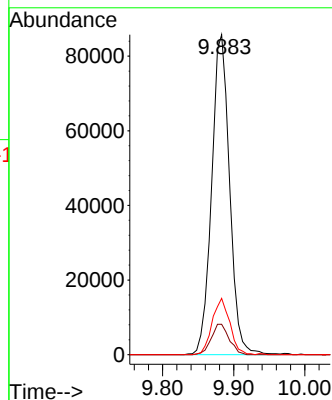
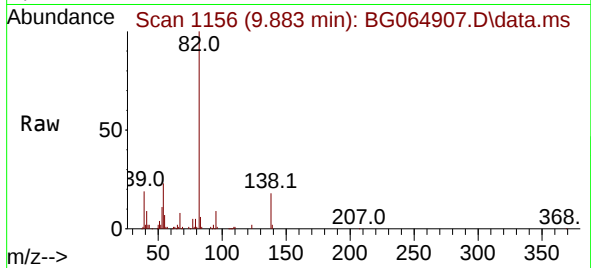




#25
Isophorone
Concen: 40.024 ng
RT: 9.883 min Scan# 1156
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

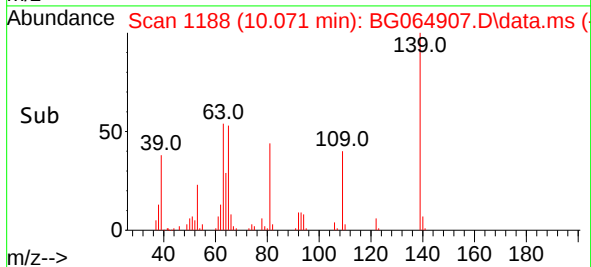
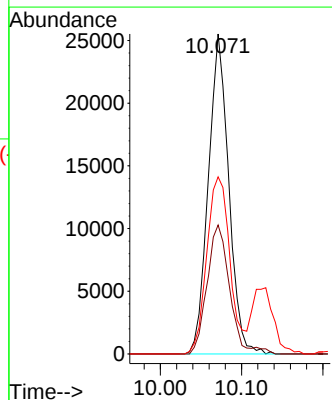
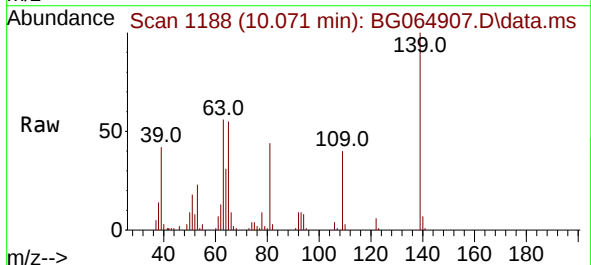
Instrument :
BNA_G
ClientSampleId :
PB170870BS

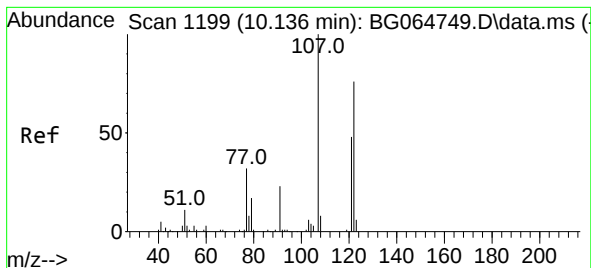
Tgt Ion: 82 Resp: 150176
Ion Ratio Lower Upper
82 100
95 9.5 6.9 10.3
138 17.6 13.9 20.9



#26
2-Nitrophenol
Concen: 49.666 ng
RT: 10.071 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion: 139 Resp: 44475
Ion Ratio Lower Upper
139 100
109 40.3 32.5 48.7
65 55.4 47.6 71.4

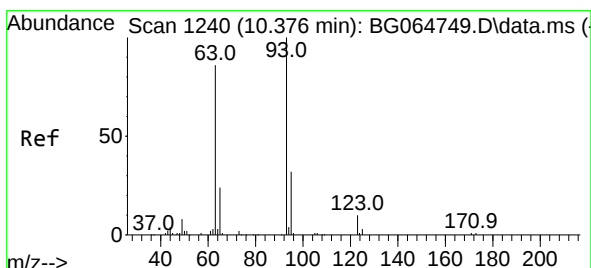
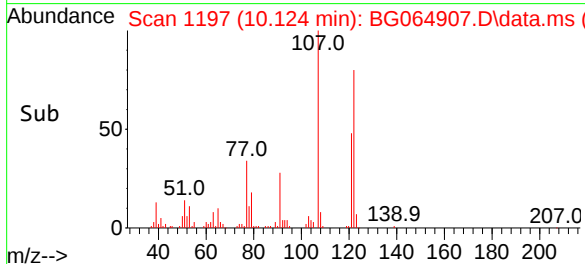
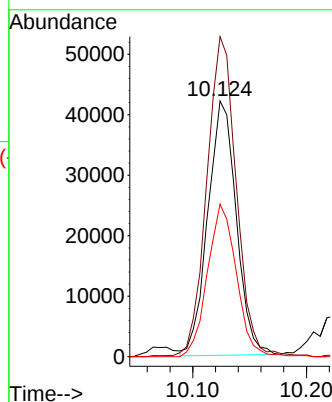
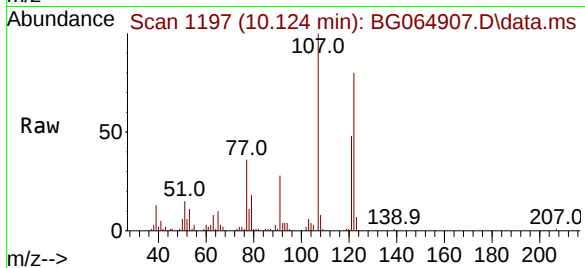




#27
2,4-Dimethylphenol
Concen: 46.181 ng
RT: 10.124 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

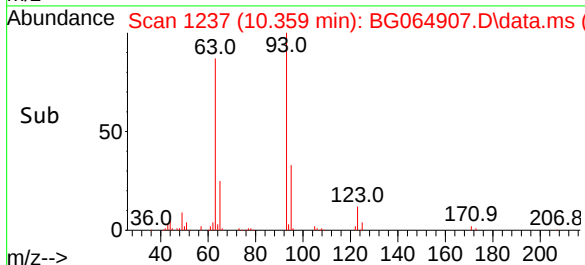
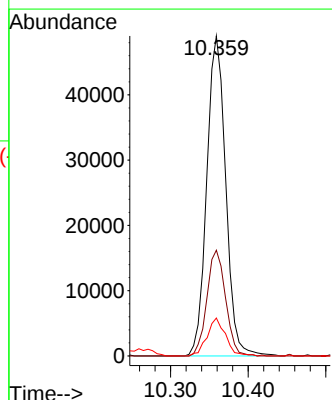
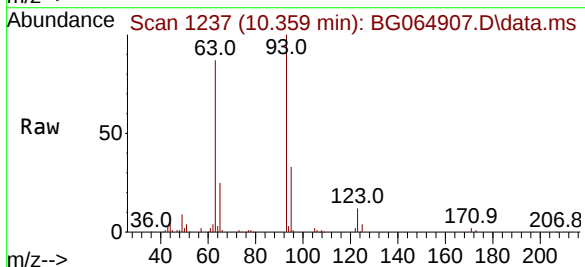
Instrument :
BNA_G
ClientSampleId :
PB170870BS

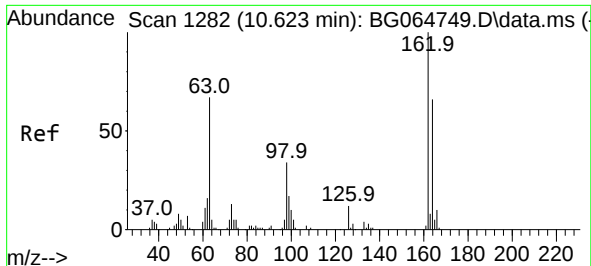
Tgt Ion:122 Resp: 73469
Ion Ratio Lower Upper
122 100
107 125.1 102.5 153.7
121 59.6 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.418 ng
RT: 10.359 min Scan# 1237
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion: 93 Resp: 83258
Ion Ratio Lower Upper
93 100
95 33.0 25.4 38.2
123 11.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 51.707 ng

RT: 10.612 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

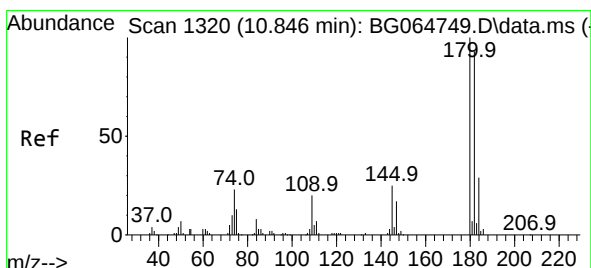
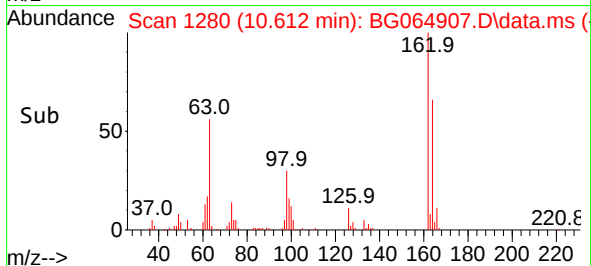
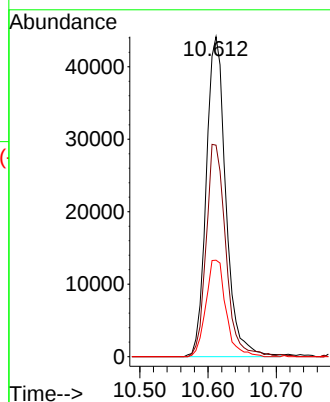
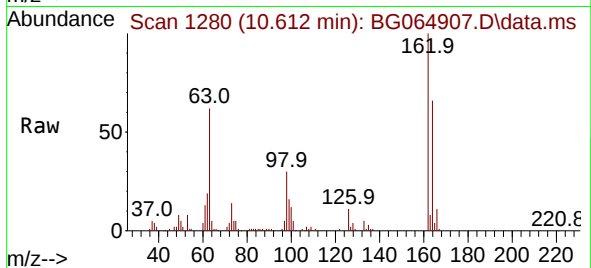
Tgt Ion:162 Resp: 88316

Ion Ratio Lower Upper

162 100

164 66.1 46.0 86.0

98 30.2 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 51.985 ng

RT: 10.829 min Scan# 1317

Delta R.T. -0.017 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

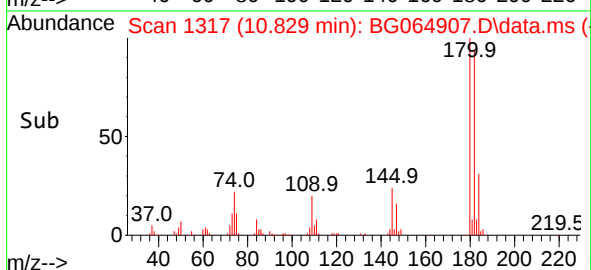
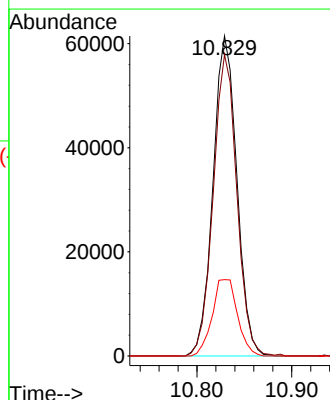
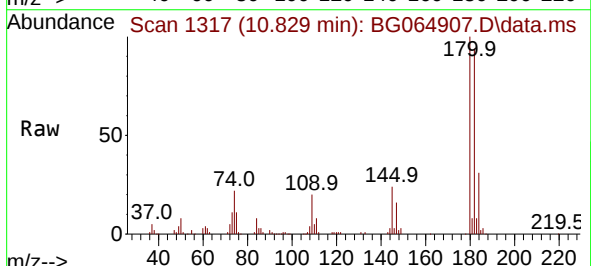
Tgt Ion:180 Resp: 107217

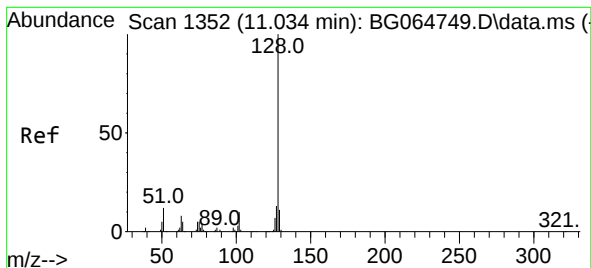
Ion Ratio Lower Upper

180 100

182 94.1 74.2 111.4

145 23.8 20.0 30.0

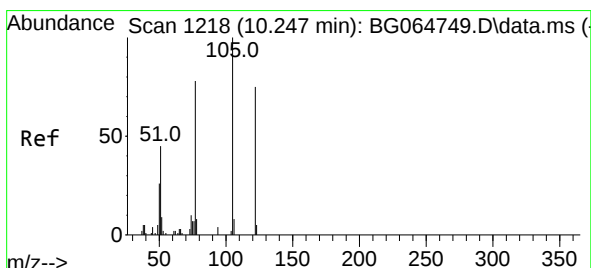
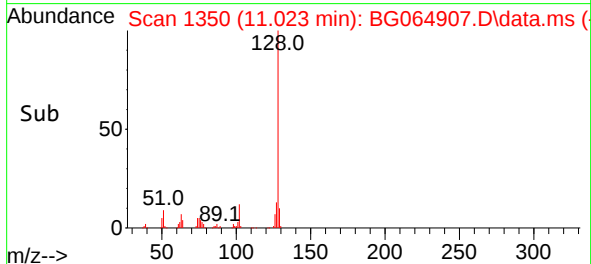
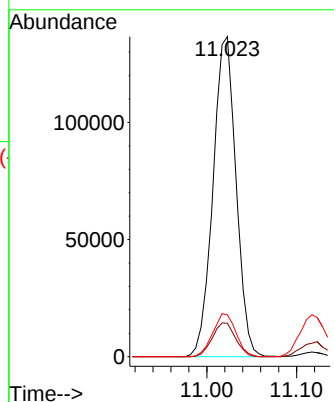
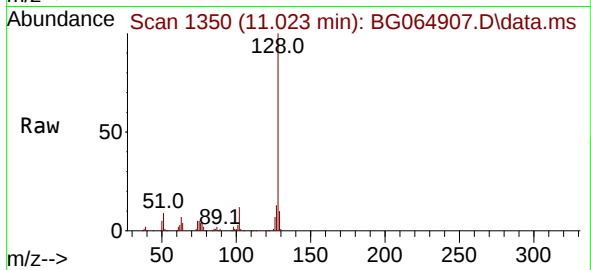




#31
Naphthalene
Concen: 44.095 ng
RT: 11.023 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

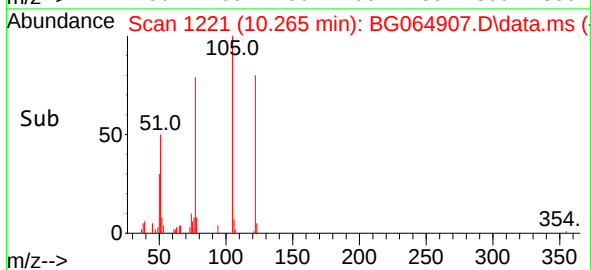
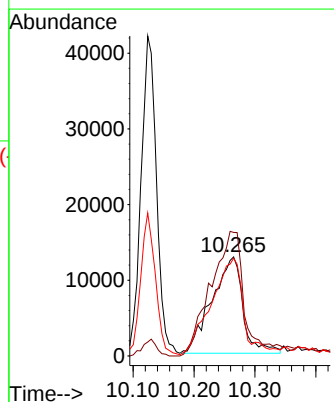
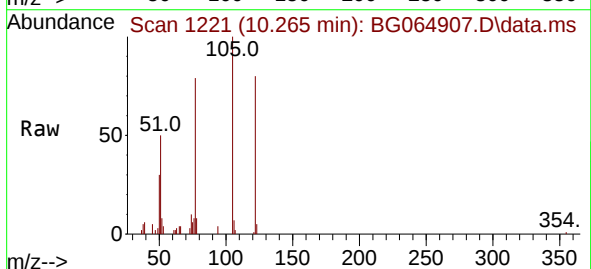
Instrument :
BNA_G
ClientSampleId :
PB170870BS

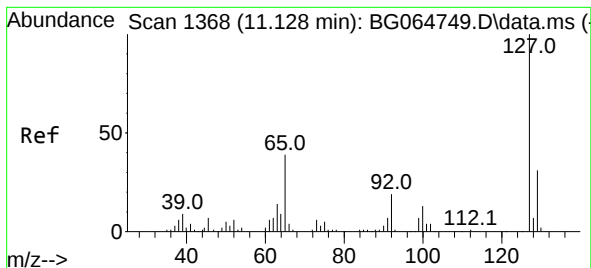
Tgt Ion:128 Resp: 243514
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 41.129 ng
RT: 10.265 min Scan# 1221
Delta R.T. 0.018 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:122 Resp: 45102
Ion Ratio Lower Upper
122 100
105 124.8 107.6 147.6
77 98.8 82.5 122.5

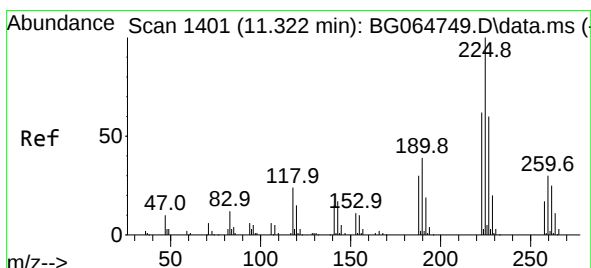
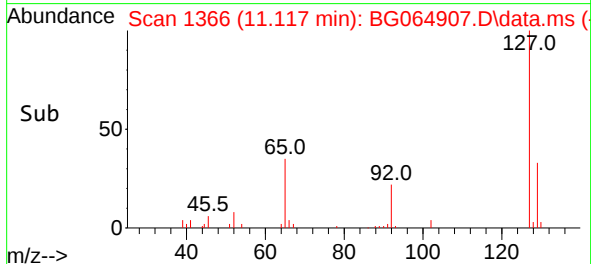
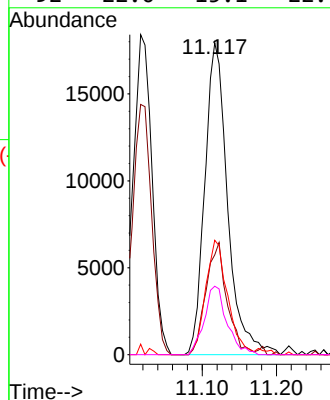
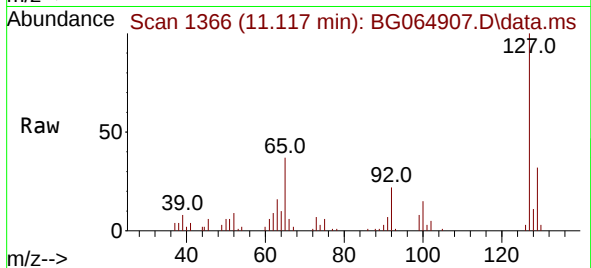




#33
4-Chloroaniline
Concen: 17.410 ng
RT: 11.117 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

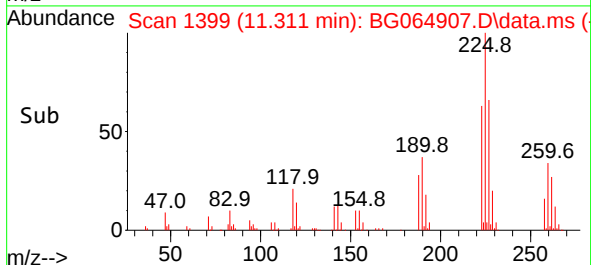
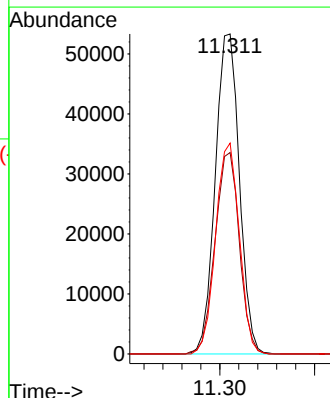
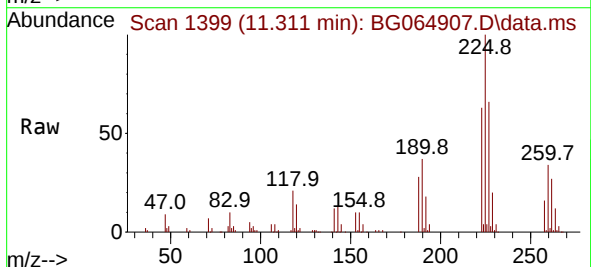
Instrument :
BNA_G
ClientSampleId :
PB170870BS

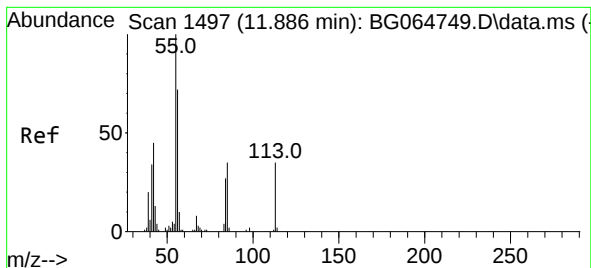
Tgt Ion:	127	Resp:	38462
Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.9	37.3
65	36.7	30.9	46.3
92	22.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 53.218 ng
RT: 11.311 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:	225	Resp:	94174
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.9	74.9
227	63.4	50.6	75.8

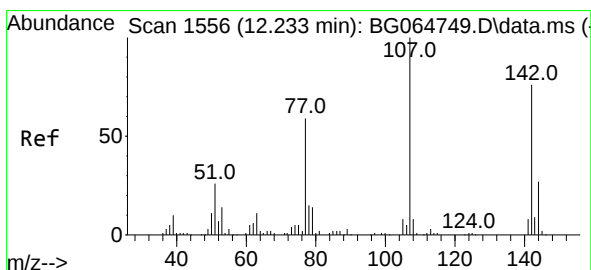
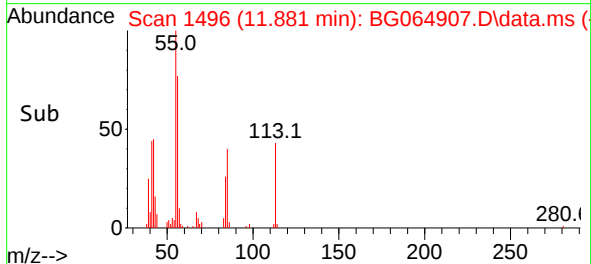
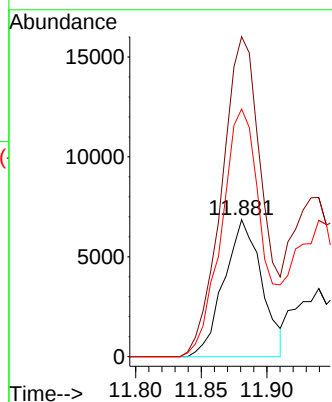
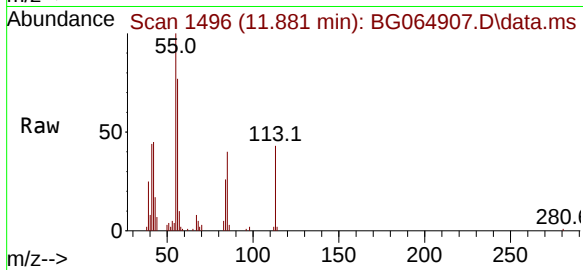




#35
Caprolactam
Concen: 26.925 ng
RT: 11.881 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

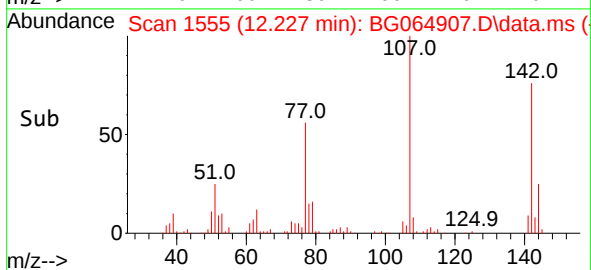
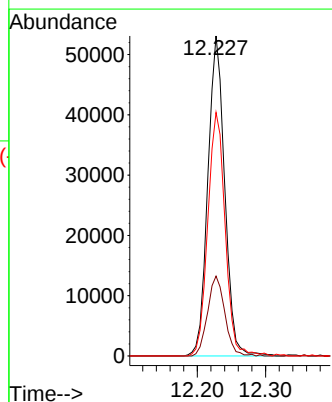
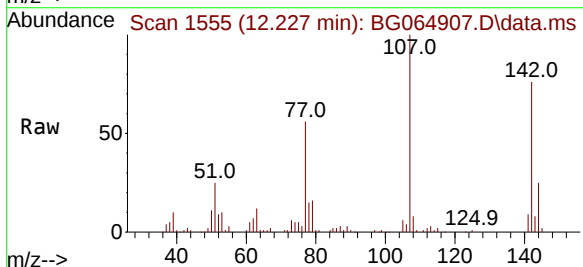
Instrument :
BNA_G
ClientSampleId :
PB170870BS

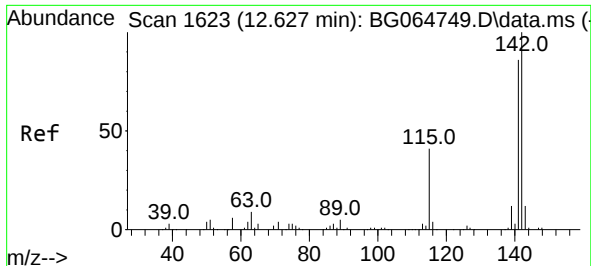
Tgt Ion:113 Resp: 13755
Ion Ratio Lower Upper
113 100
55 233.8 263.7 303.7#
56 181.0 184.0 224.0#



#36
4-Chloro-3-methylphenol
Concen: 47.995 ng
RT: 12.227 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:107 Resp: 91243
Ion Ratio Lower Upper
107 100
144 25.0 21.7 32.5
142 76.1 60.8 91.2

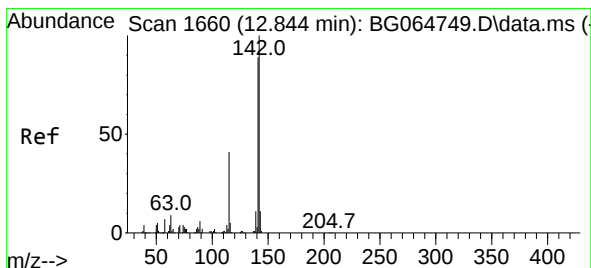
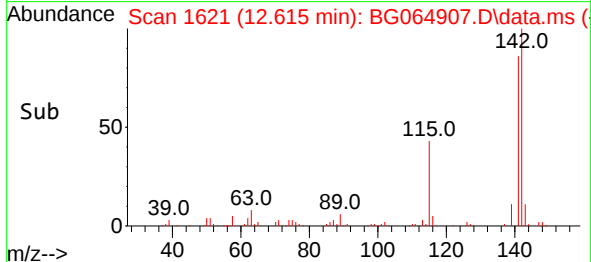
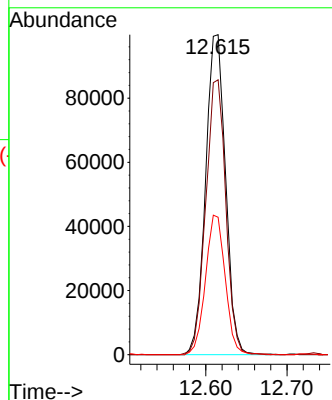
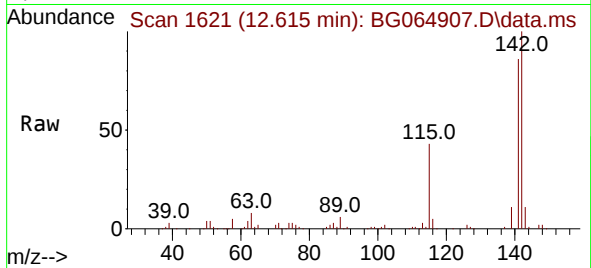




#37
2-Methylnaphthalene
Concen: 41.160 ng
RT: 12.615 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

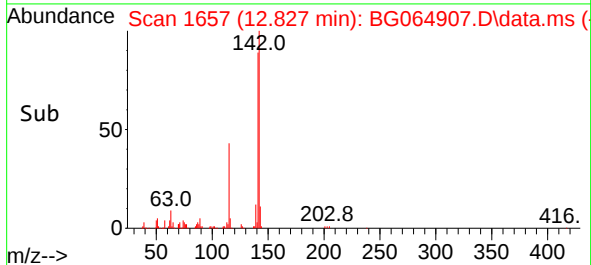
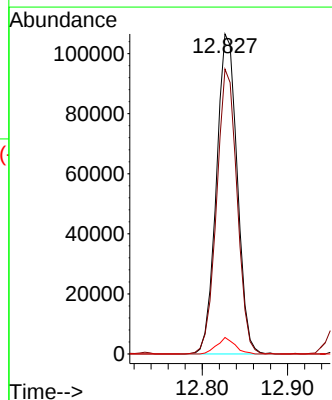
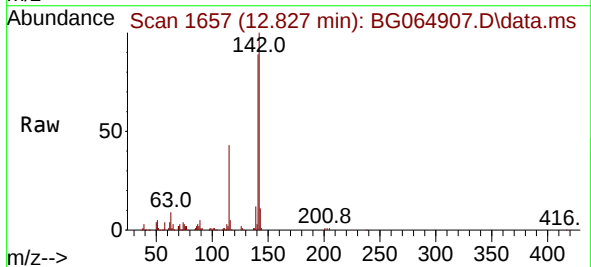
Instrument :
BNA_G
ClientSampleId :
PB170870BS

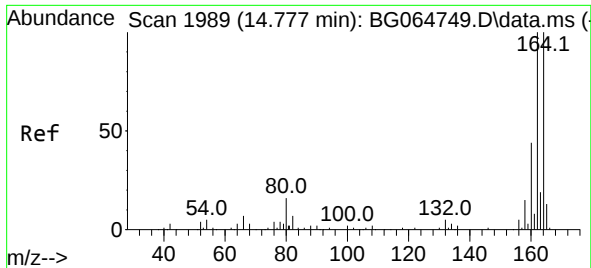
Tgt Ion:142 Resp: 170100
Ion Ratio Lower Upper
142 100
141 85.9 69.1 103.7
115 42.9 32.9 49.3



#38
1-Methylnaphthalene
Concen: 43.949 ng
RT: 12.827 min Scan# 1657
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:142 Resp: 180421
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
116 5.2 3.7 5.5

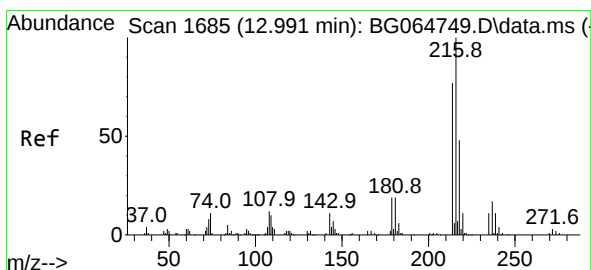
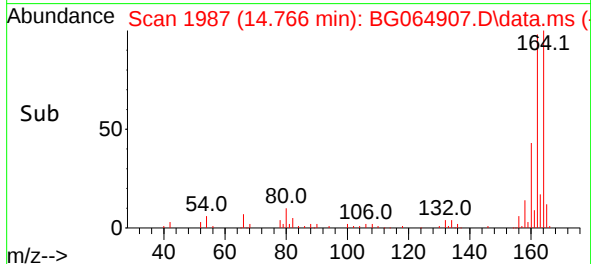
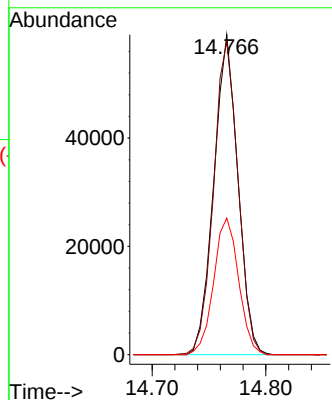
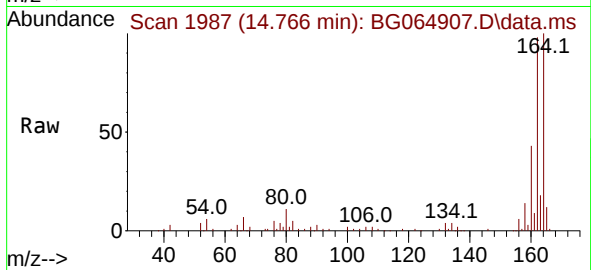




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1989
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

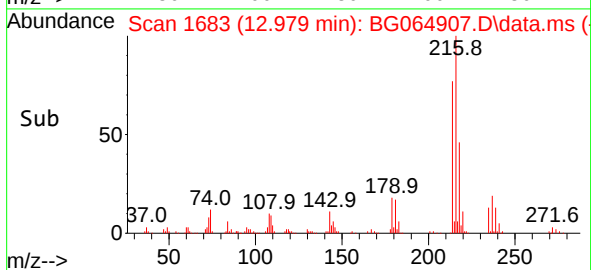
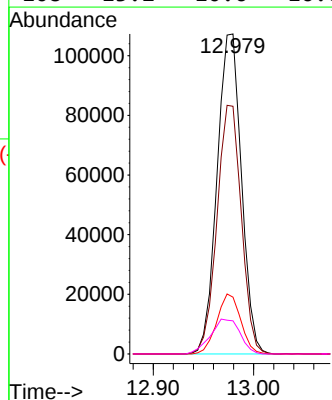
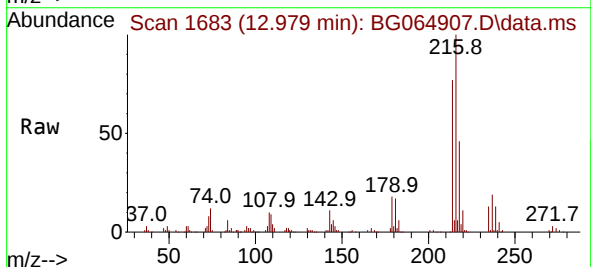
Instrument :
BNA_G
ClientSampleId :
PB170870BS

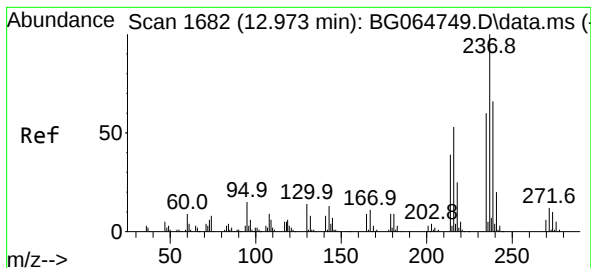
Tgt Ion:164 Resp: 87064
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.6
160 42.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.435 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:216 Resp: 181054
Ion Ratio Lower Upper
216 100
214 77.5 60.5 90.7
179 18.4 14.7 22.1
108 13.2 10.6 16.0

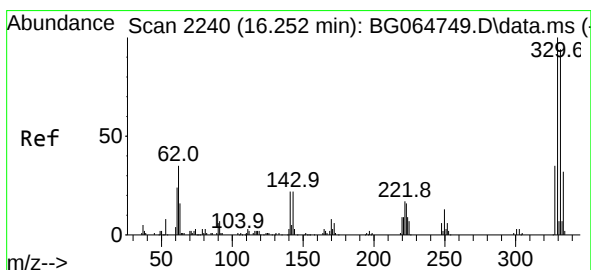
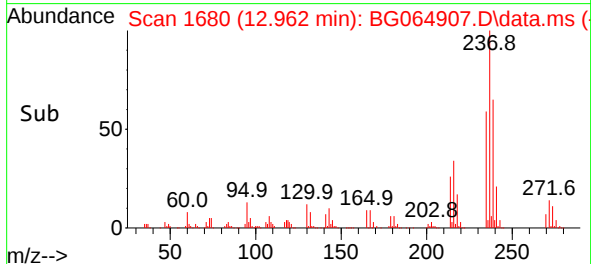
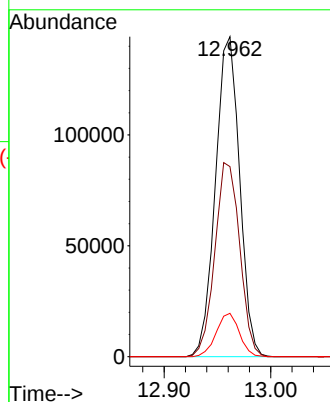
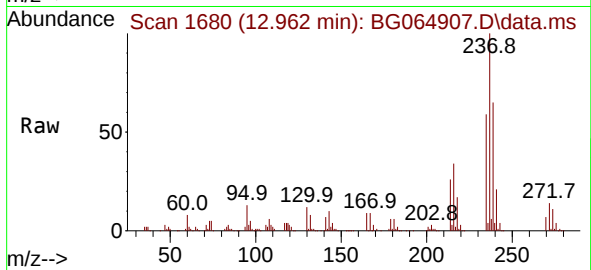




#41
Hexachlorocyclopentadiene
Concen: 93.407 ng
RT: 12.962 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

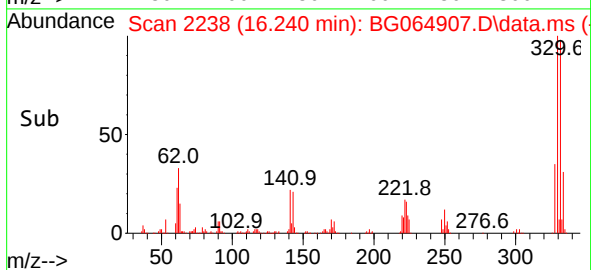
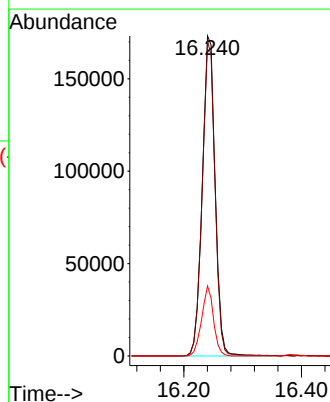
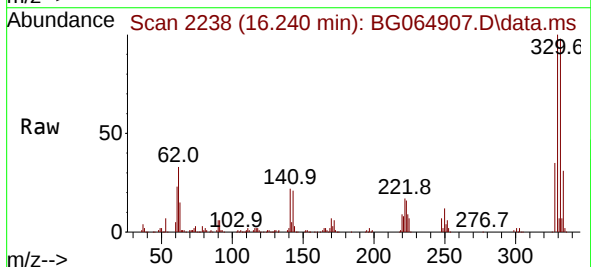
Instrument :
BNA_G
ClientSampleId :
PB170870BS

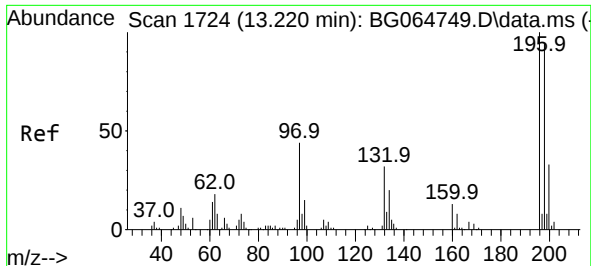
Tgt Ion:237 Resp: 226851
Ion Ratio Lower Upper
237 100
235 59.4 40.2 80.2
272 13.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 154.635 ng
RT: 16.240 min Scan# 2238
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:330 Resp: 262573
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 20.2 18.2 27.2

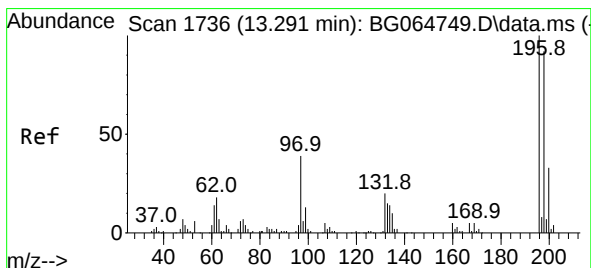
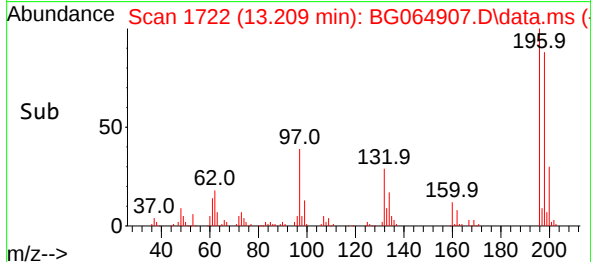
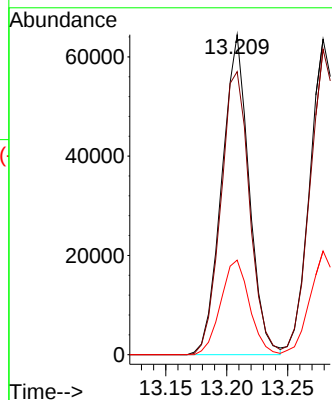
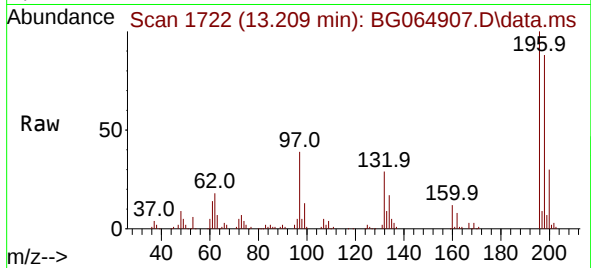




#43
 2,4,6-Trichlorophenol
 Concen: 50.462 ng
 RT: 13.209 min Scan# 1722
 Delta R.T. -0.012 min
 Lab File: BG064907.D
 Acq: 9 Dec 2025 16:20

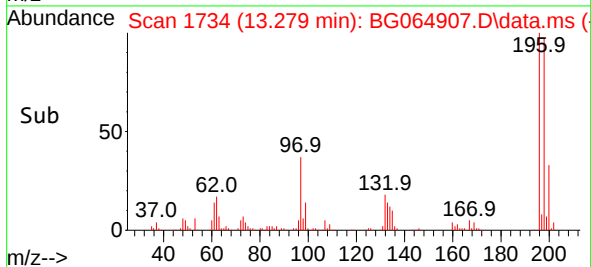
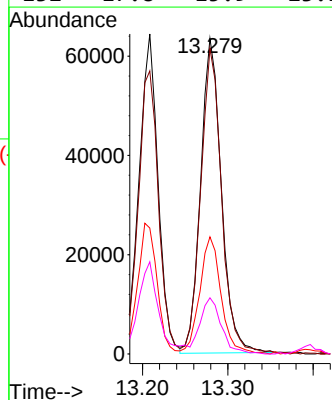
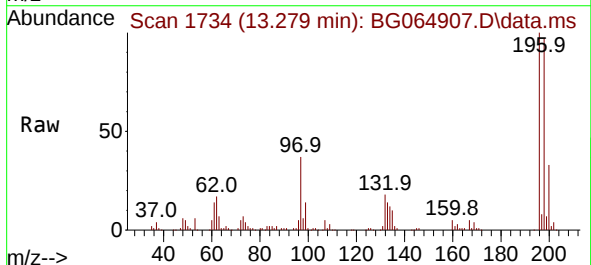
Instrument :
 BNA_G
 ClientSampleId :
 PB170870BS

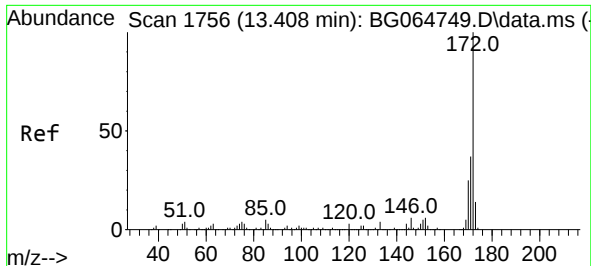
Tgt Ion:196 Resp: 100351
 Ion Ratio Lower Upper
 196 100
 198 88.5 75.3 112.9
 200 29.5 26.2 39.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.173 ng
 RT: 13.279 min Scan# 1734
 Delta R.T. -0.012 min
 Lab File: BG064907.D
 Acq: 9 Dec 2025 16:20

Tgt Ion:196 Resp: 107444
 Ion Ratio Lower Upper
 196 100
 198 96.8 73.2 109.8
 97 37.1 31.4 47.0
 132 17.8 15.9 23.9

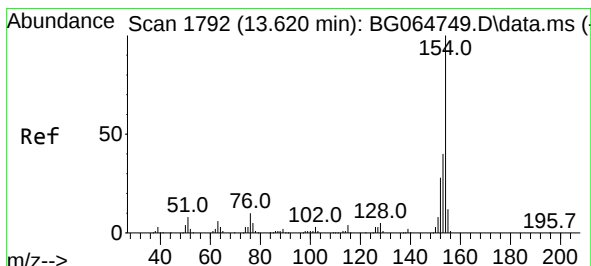
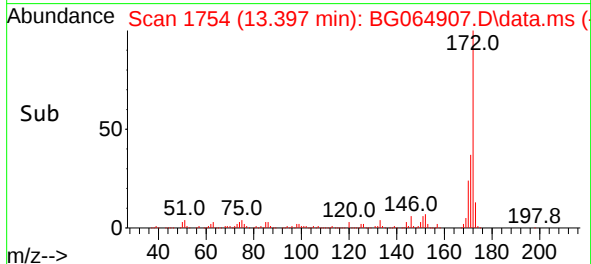
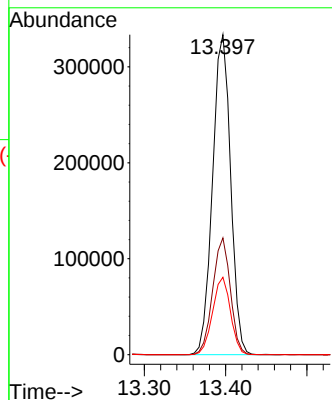
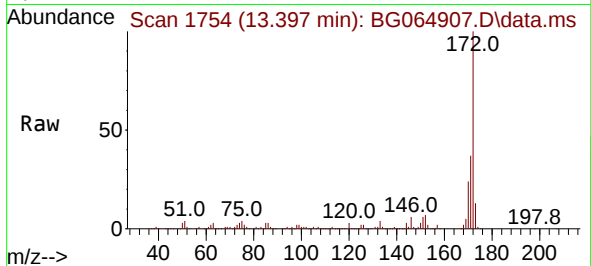




#45
2-Fluorobiphenyl
Concen: 82.473 ng
RT: 13.397 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

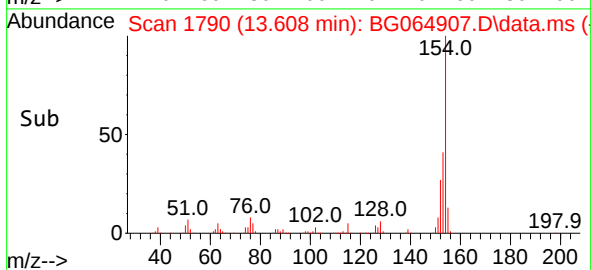
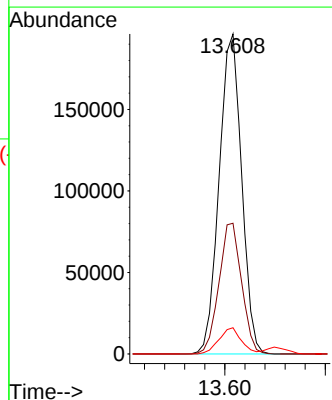
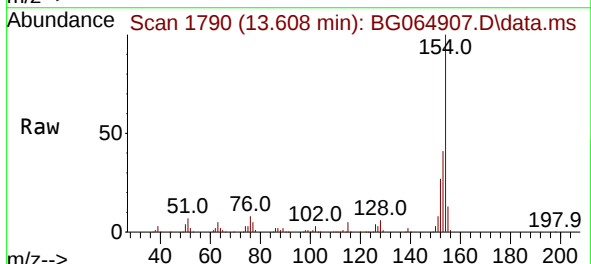
Instrument :
BNA_G
ClientSampleId :
PB170870BS

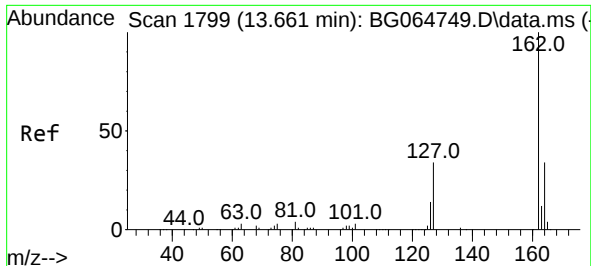
Tgt Ion:172 Resp: 514600
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 48.602 ng
RT: 13.608 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:154 Resp: 303917
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 8.2 0.0 30.0

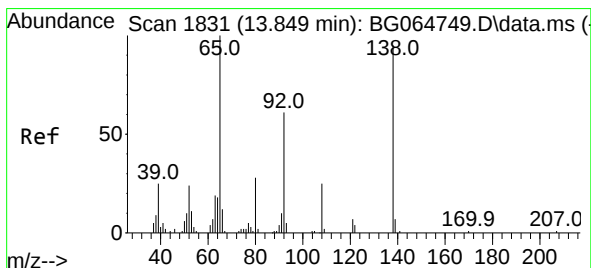
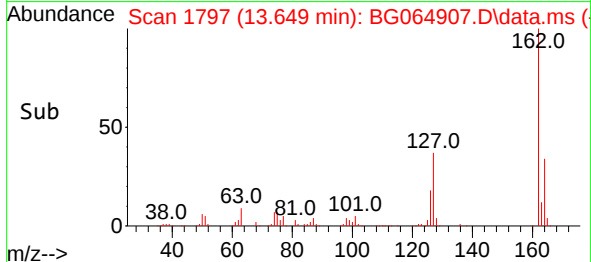
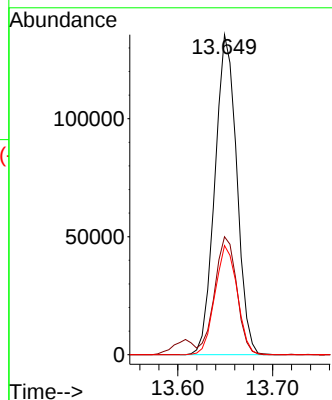
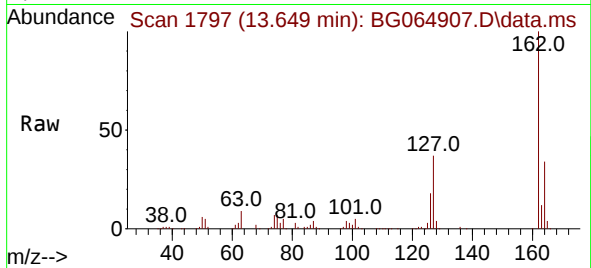




#47
2-Chloronaphthalene
Concen: 44.142 ng
RT: 13.649 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

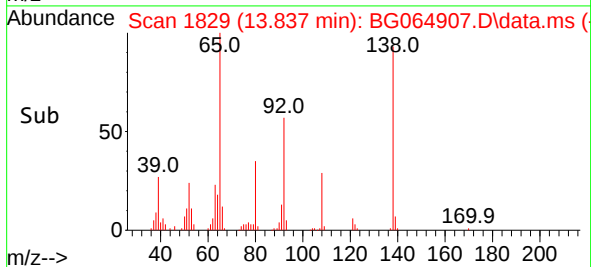
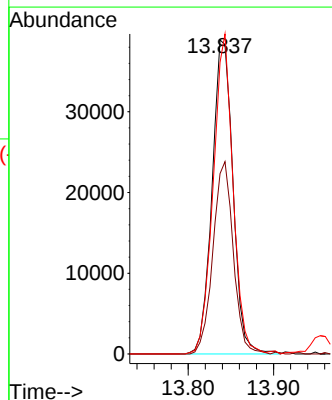
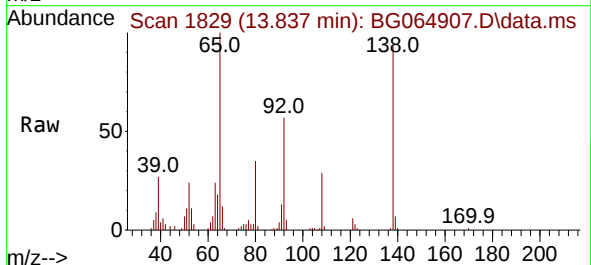
Instrument :
BNA_G
ClientSampleId :
PB170870BS

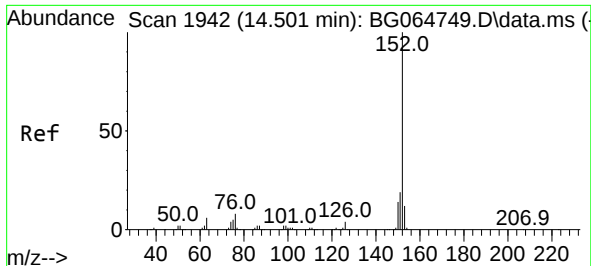
Tgt Ion:162 Resp: 217464
Ion Ratio Lower Upper
162 100
127 36.8 30.3 45.5
164 34.1 26.8 40.2



#48
2-Nitroaniline
Concen: 41.684 ng
RT: 13.837 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion: 65 Resp: 66051
Ion Ratio Lower Upper
65 100
92 57.4 48.6 73.0
138 92.8 76.4 114.6

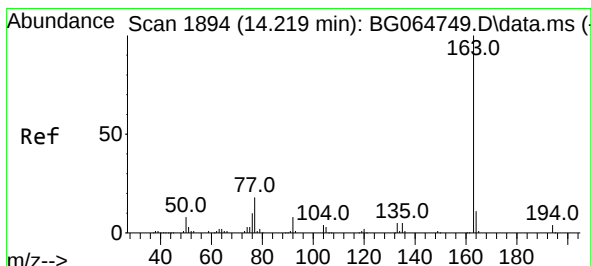
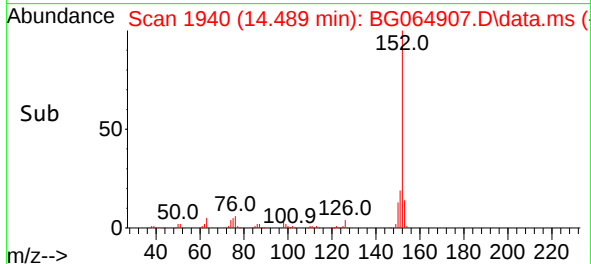
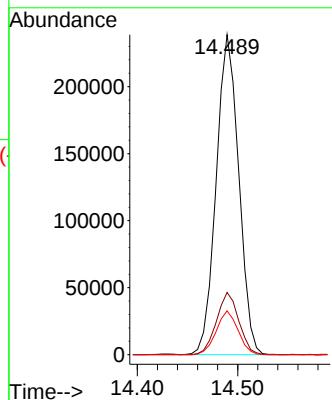
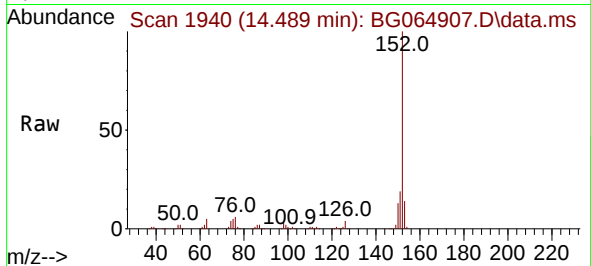




#49
Acenaphthylene
Concen: 44.231 ng
RT: 14.489 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

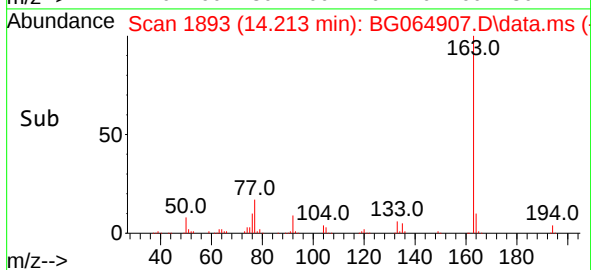
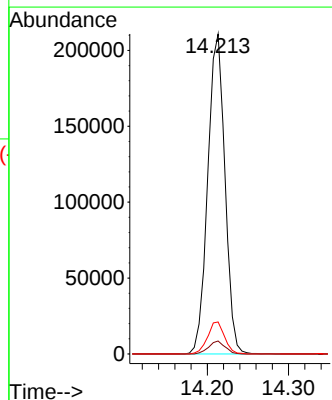
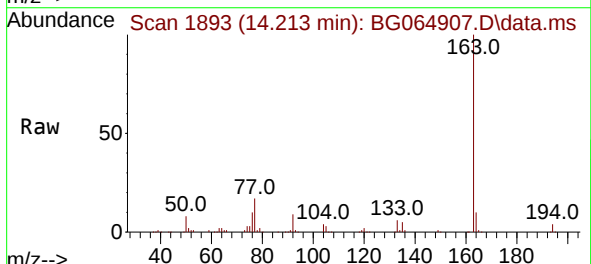
Instrument :
BNA_G
ClientSampleId :
PB170870BS

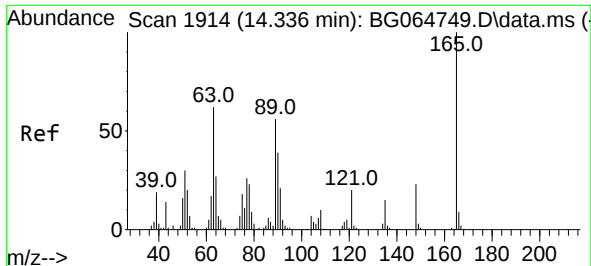
Tgt Ion:152 Resp: 372266
Ion Ratio Lower Upper
152 100
151 19.5 15.0 22.4
153 13.7 9.9 14.9



#50
Dimethylphthalate
Concen: 44.926 ng
RT: 14.213 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:163 Resp: 308980
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.6 12.8

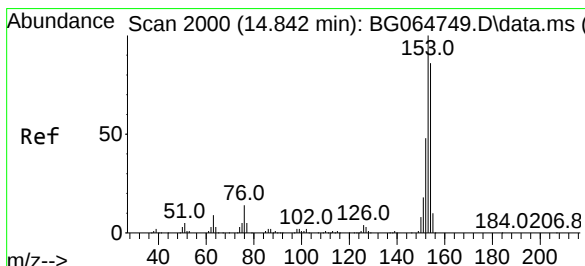
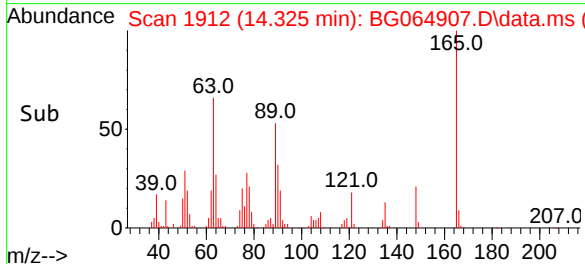
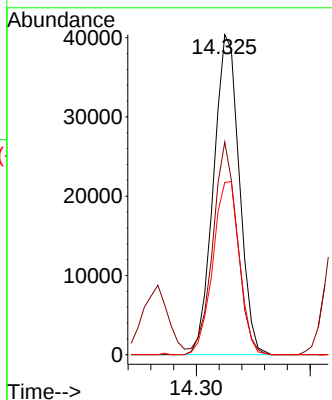
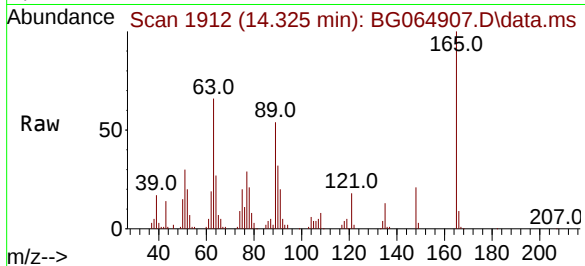




#51
2,6-Dinitrotoluene
Concen: 47.999 ng
RT: 14.325 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

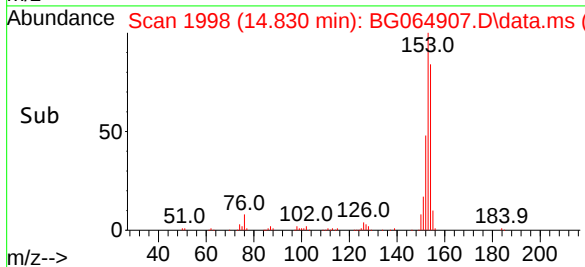
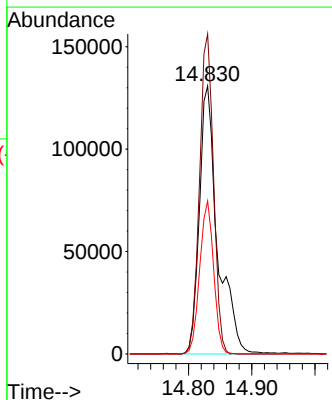
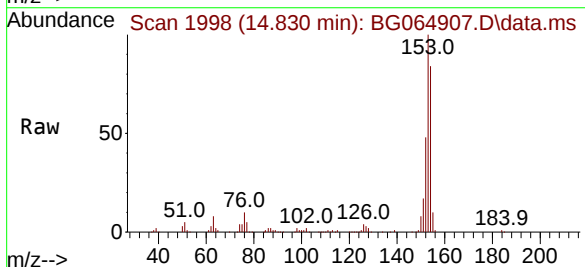
Instrument :
BNA_G
ClientSampleId :
PB170870BS

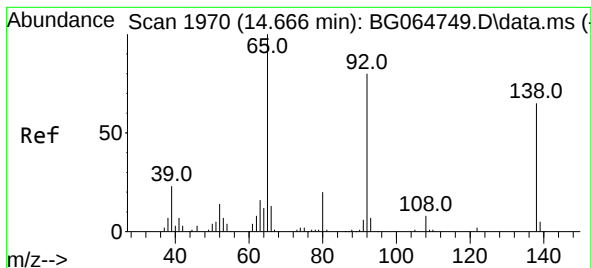
Tgt Ion:165 Resp: 63522
Ion Ratio Lower Upper
165 100
63 66.5 49.8 74.8
89 53.8 45.0 67.4



#52
Acenaphthene
Concen: 52.153 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:154 Resp: 263183
Ion Ratio Lower Upper
154 100
153 119.4 93.0 139.4
152 57.0 44.4 66.6

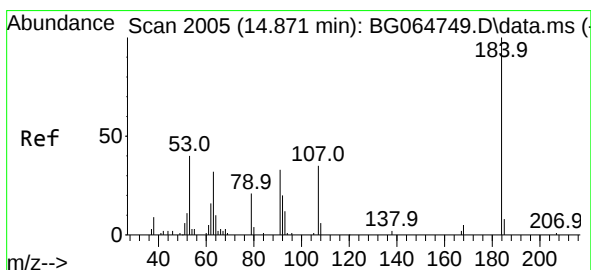
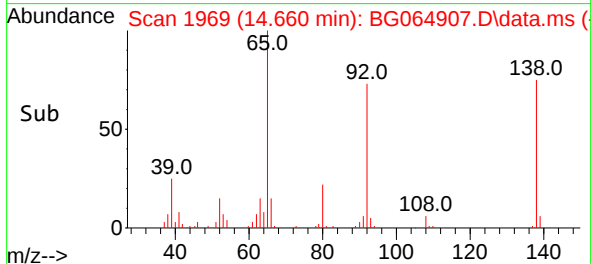
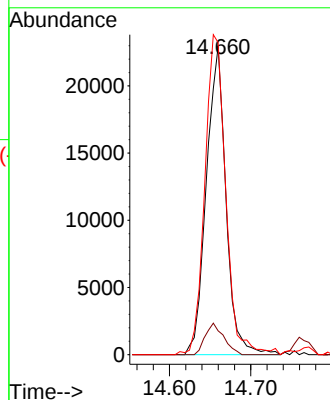
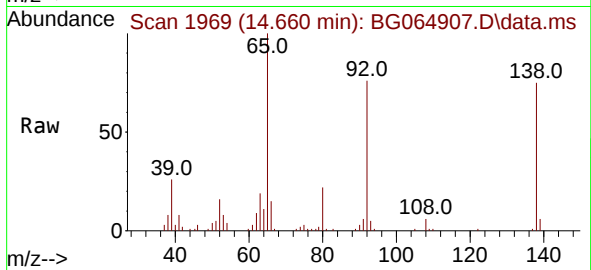




#53
3-Nitroaniline
Concen: 29.483 ng
RT: 14.660 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

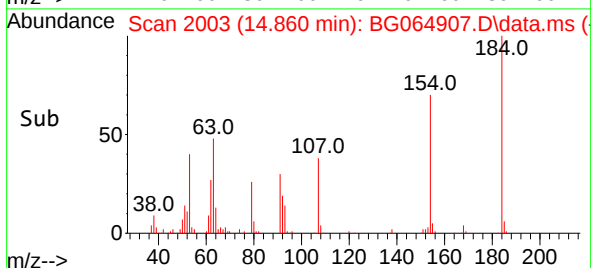
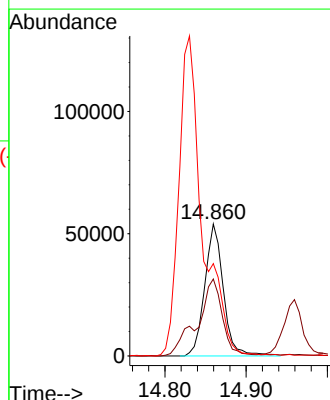
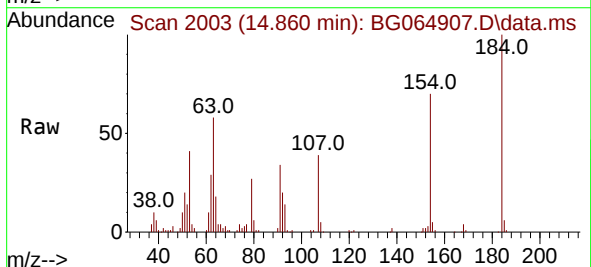
Instrument :
BNA_G
ClientSampleId :
PB170870BS

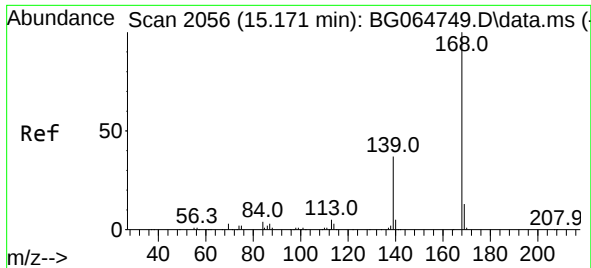
Tgt Ion:138 Resp: 38509
Ion Ratio Lower Upper
138 100
108 7.8 9.5 14.3#
92 101.3 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 93.016 ng
RT: 14.860 min Scan# 2003
Delta R.T. -0.011 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:184 Resp: 85740
Ion Ratio Lower Upper
184 100
63 58.3 45.8 68.6
154 69.9 52.6 78.8

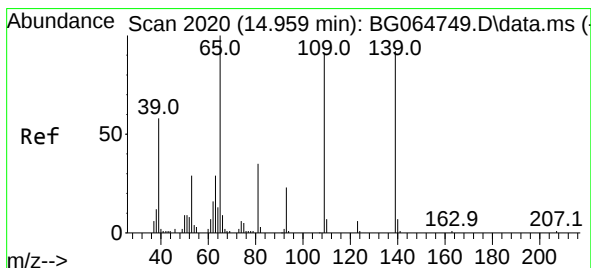
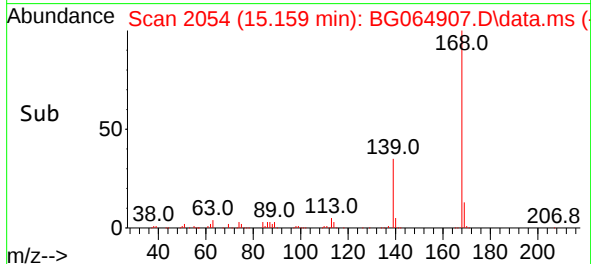
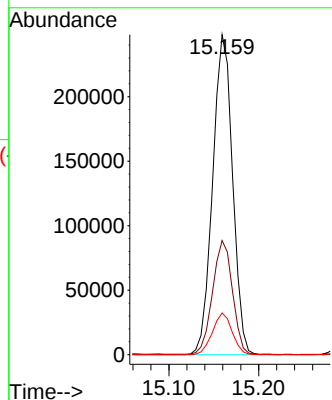
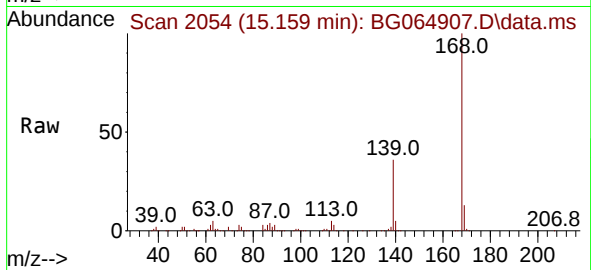




#55
Dibenzofuran
Concen: 45.738 ng
RT: 15.159 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

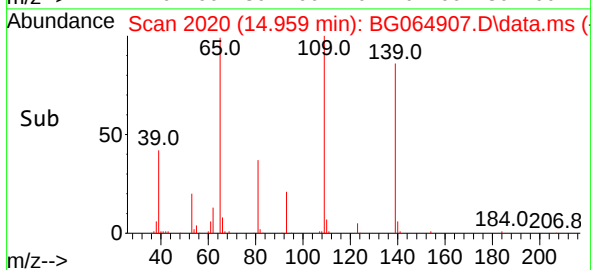
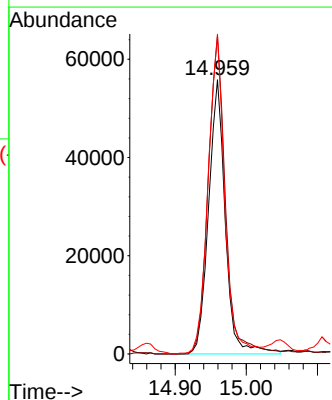
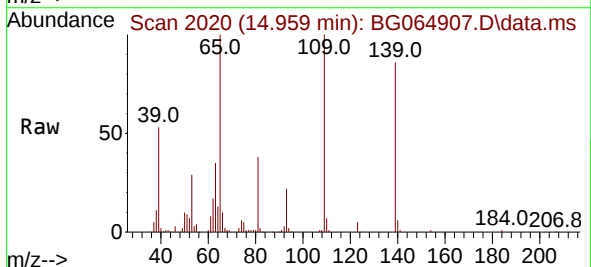
Instrument :
BNA_G
ClientSampleId :
PB170870BS

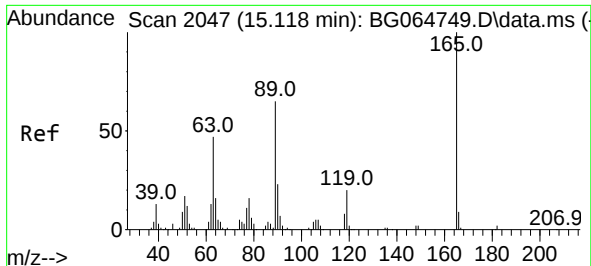
Tgt Ion:168 Resp: 381585
Ion Ratio Lower Upper
168 100
139 35.6 29.5 44.3
169 13.0 10.4 15.6



#56
4-Nitrophenol
Concen: 88.180 ng
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:139 Resp: 91382
Ion Ratio Lower Upper
139 100
109 116.1 79.7 119.7
65 116.7 89.9 129.9

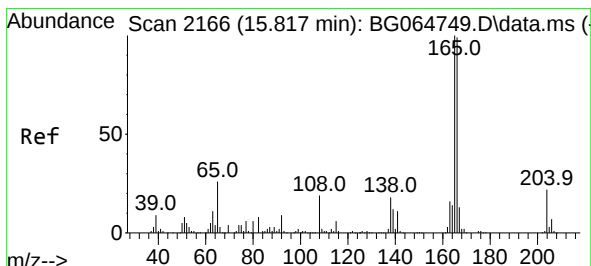
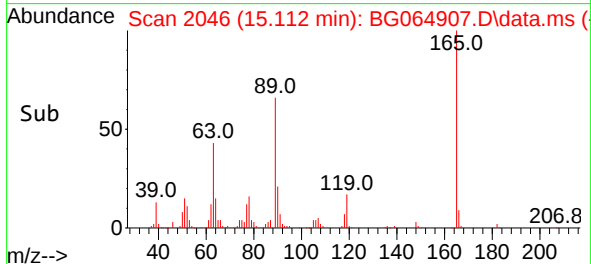
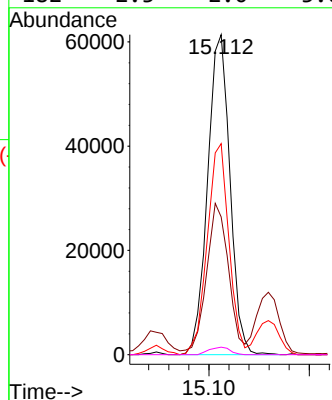
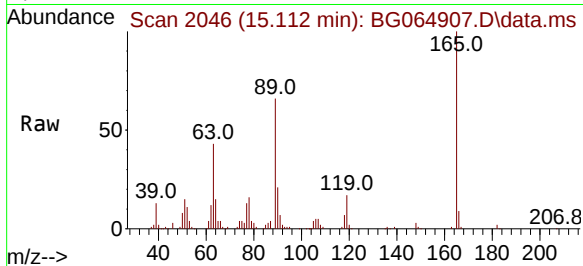




#57
2,4-Dinitrotoluene
Concen: 47.930 ng
RT: 15.112 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

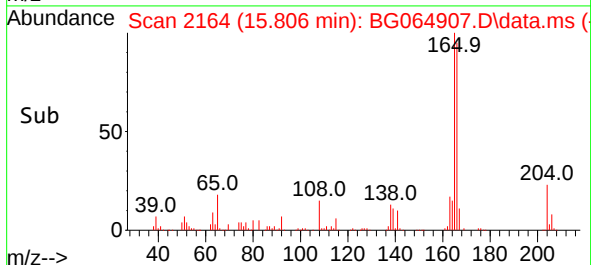
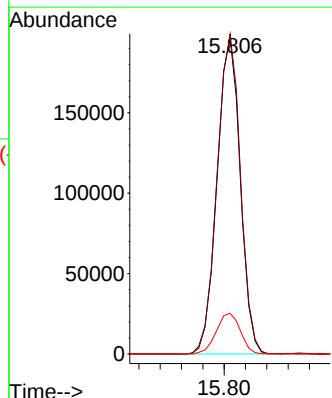
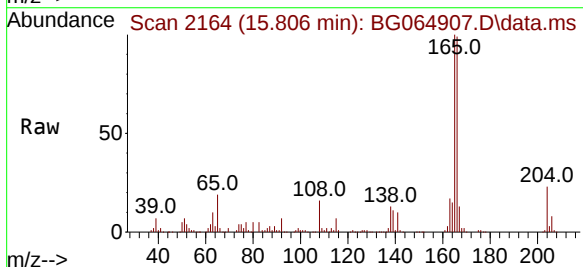
Instrument :
BNA_G
ClientSampleId :
PB170870BS

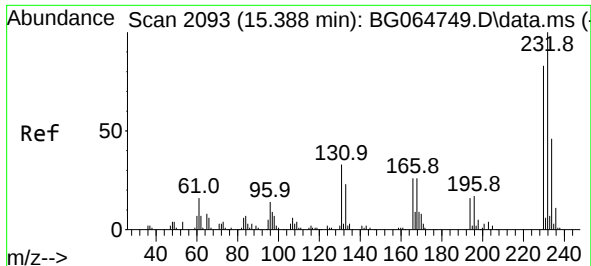
Tgt Ion:	165	Resp:	95094
Ion Ratio	Lower	Upper	
165	100		
63	43.1	37.8	56.6
89	65.9	51.6	77.4
182	2.3	2.0	3.0



#58
Fluorene
Concen: 45.175 ng
RT: 15.806 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:	166	Resp:	295596
Ion Ratio	Lower	Upper	
166	100		
165	101.2	80.5	120.7
167	12.9	10.3	15.5



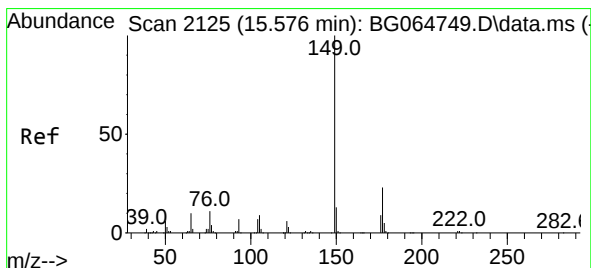
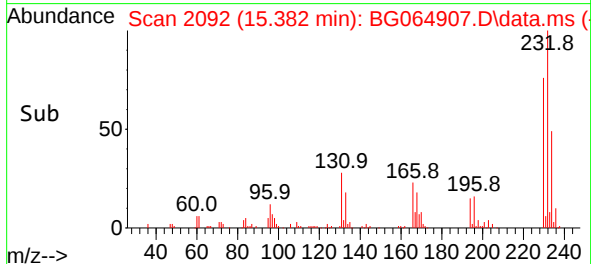
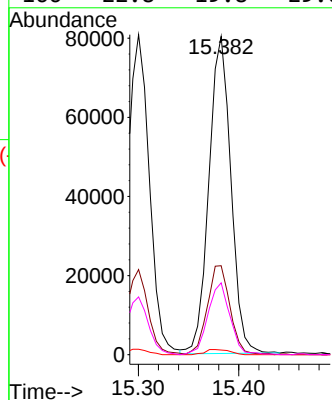
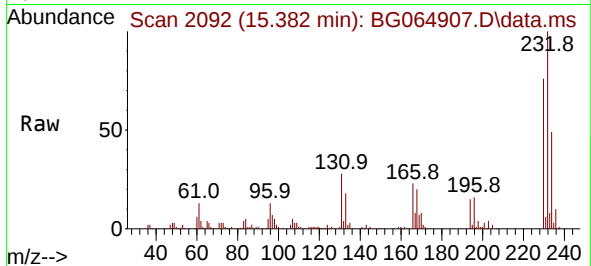


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.574 ng
RT: 15.382 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Instrument :
BNA_G
ClientSampleId :
PB170870BS

Tgt Ion:232 Resp: 122297

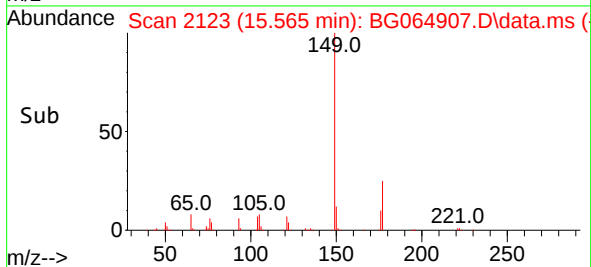
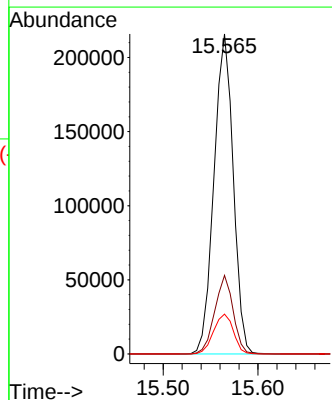
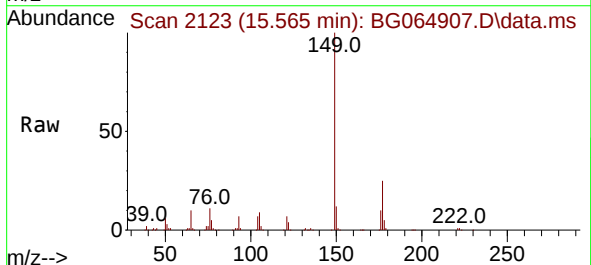
Ion	Ratio	Lower	Upper
232	100		
131	29.1	26.0	39.0
130	1.8	1.6	2.4
166	22.8	19.8	29.6

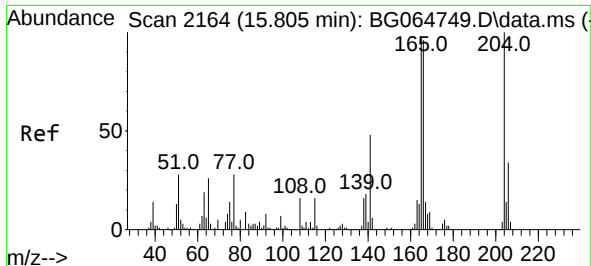


#60
Diethylphthalate
Concen: 46.179 ng
RT: 15.565 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:149 Resp: 304246

Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.4	27.6
150	12.4	10.1	15.1

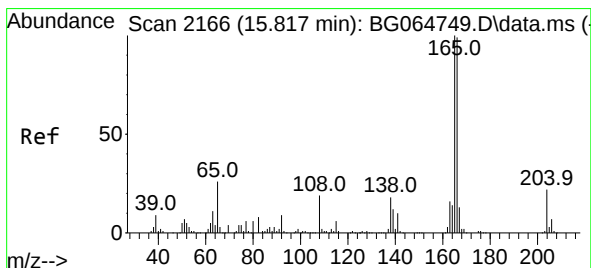
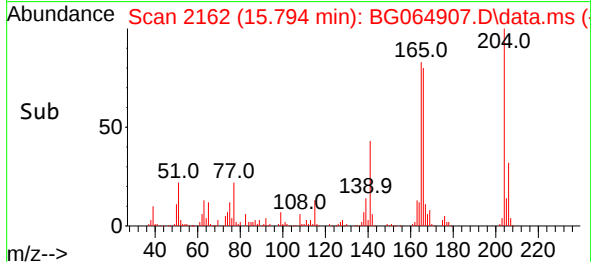
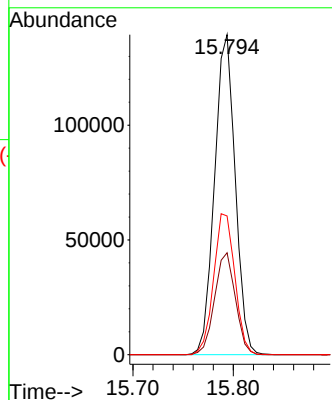
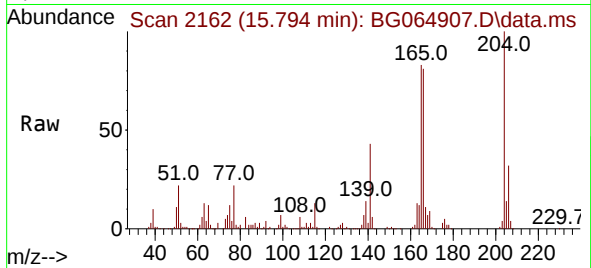




#61
4-Chlorophenyl-phenylether
Concen: 50.748 ng
RT: 15.794 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

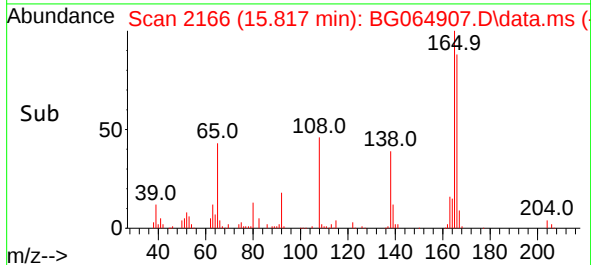
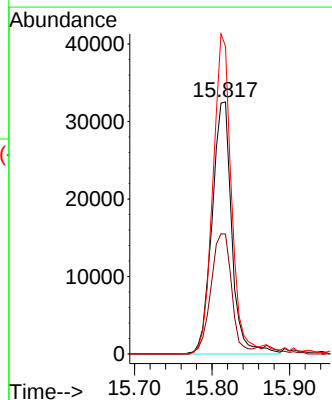
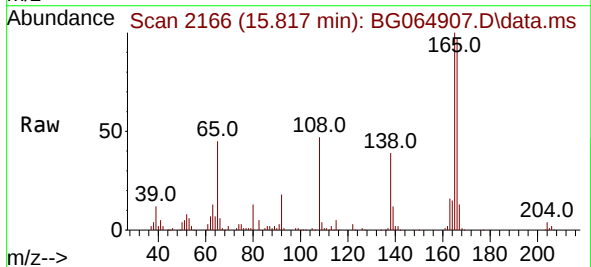
Instrument :
BNA_G
ClientSampleId :
PB170870BS

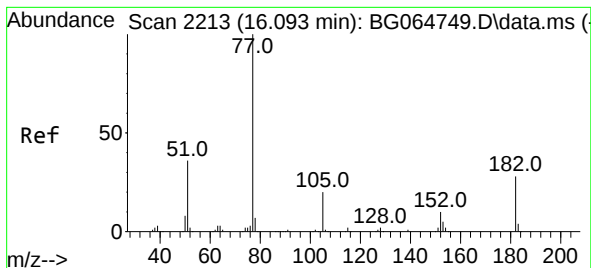
Tgt Ion:204 Resp: 199282
Ion Ratio Lower Upper
204 100
206 31.9 26.9 40.3
141 43.4 38.1 57.1



#62
4-Nitroaniline
Concen: 42.528 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:138 Resp: 57546
Ion Ratio Lower Upper
138 100
92 47.5 30.7 70.7
108 122.1 85.7 125.7





#63

Azobenzene

Concen: 40.637 ng

RT: 16.082 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

Tgt Ion: 77 Resp: 222689

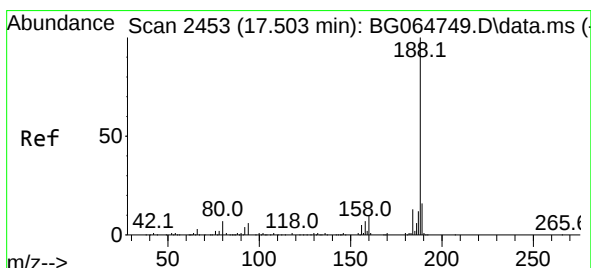
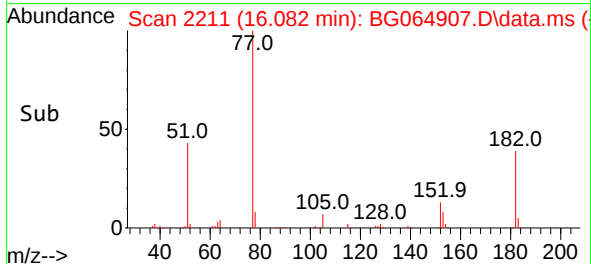
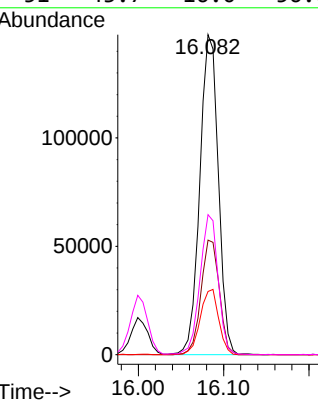
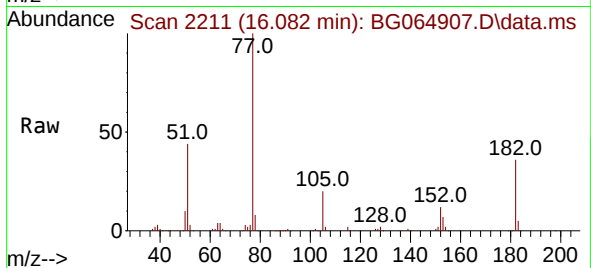
Ion Ratio Lower Upper

77 100

182 35.8 8.1 48.1

105 19.7 0.1 40.1

51 43.7 16.0 56.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2451

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

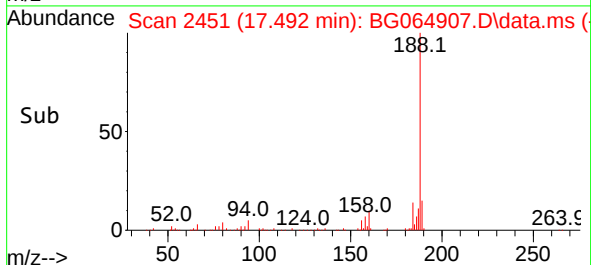
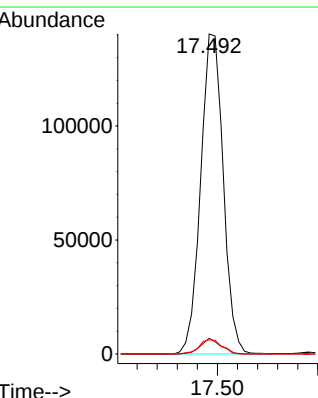
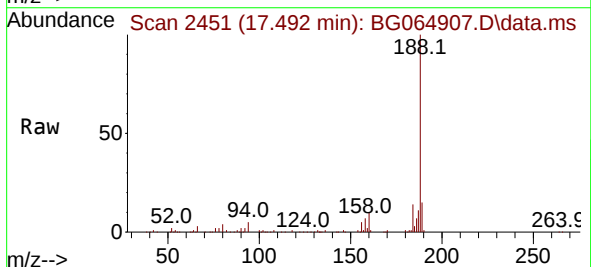
Tgt Ion:188 Resp: 219086

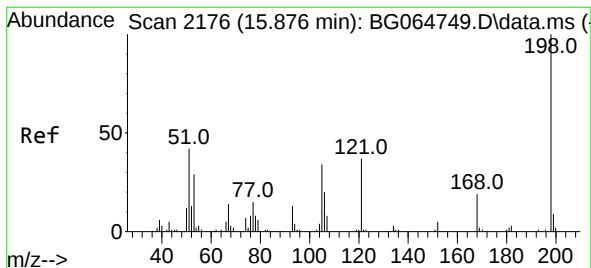
Ion Ratio Lower Upper

188 100

94 4.9 4.7 7.1

80 4.4 5.4 8.2#

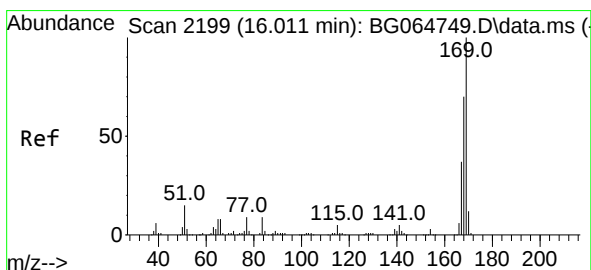
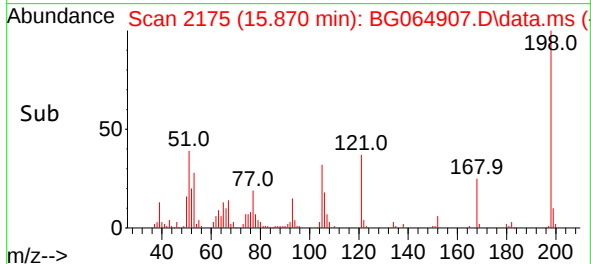
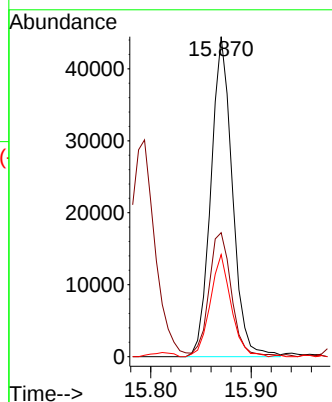
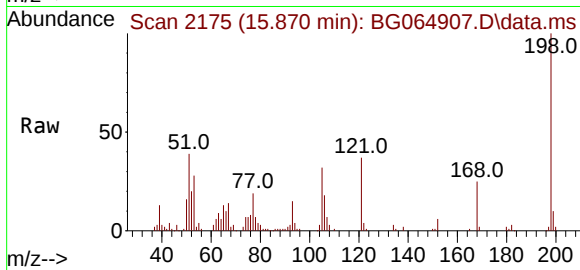




#65
4,6-Dinitro-2-methylphenol
Concen: 54.280 ng
RT: 15.870 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

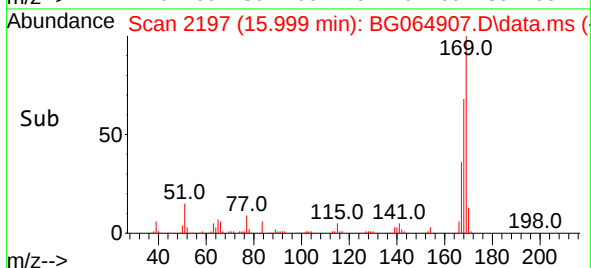
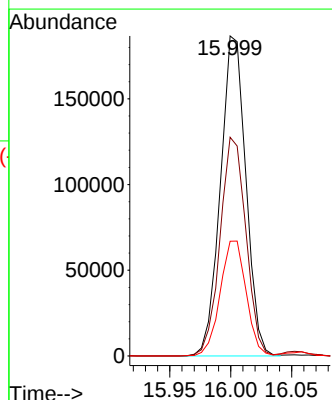
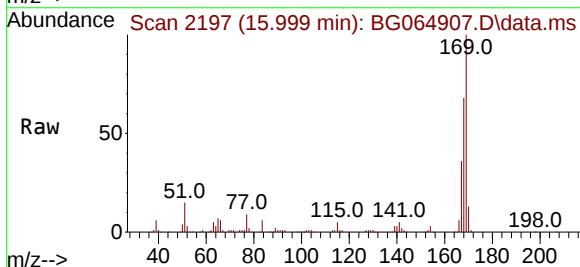
Instrument :
BNA_G
ClientSampleId :
PB170870BS

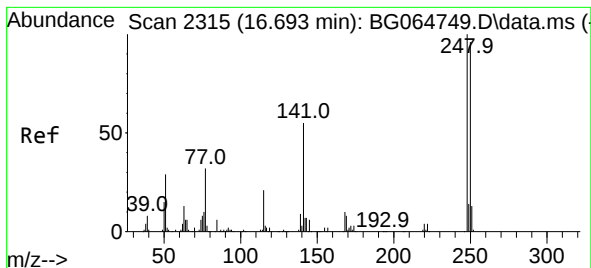
Tgt Ion:198 Resp: 66027
Ion Ratio Lower Upper
198 100
51 38.7 25.2 65.2
105 31.9 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 47.338 ng
RT: 15.999 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:169 Resp: 271653
Ion Ratio Lower Upper
169 100
168 68.3 55.9 83.9
167 35.9 29.8 44.6

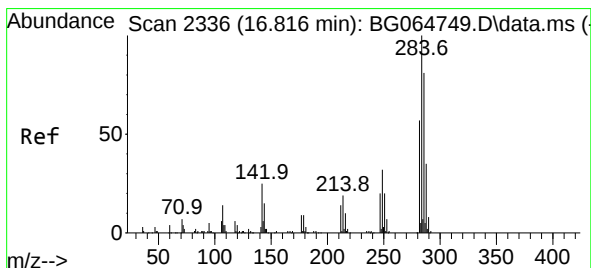
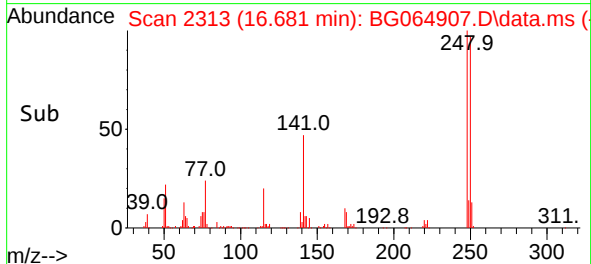
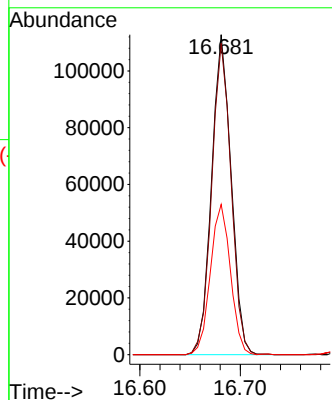
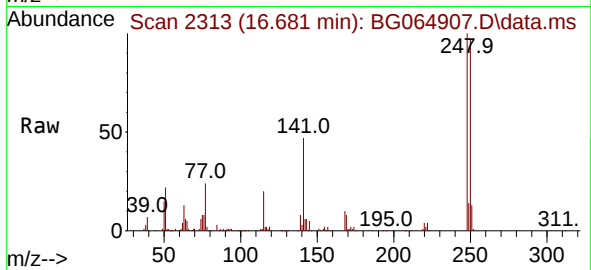




#67
4-Bromophenyl-phenylether
Concen: 53.145 ng
RT: 16.681 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

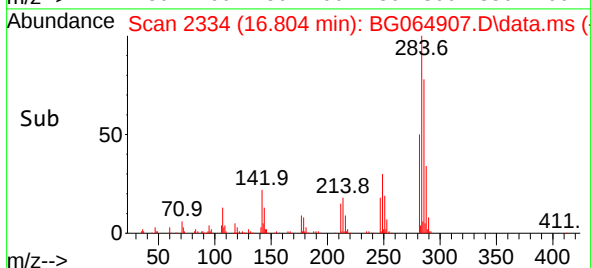
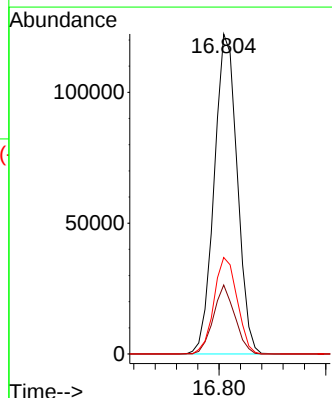
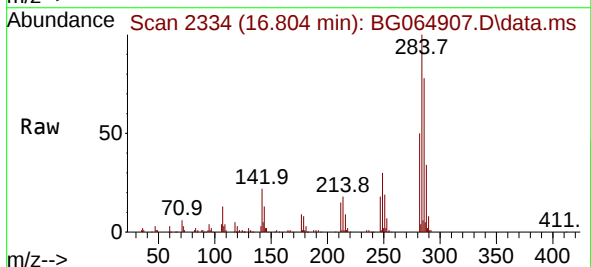
Instrument :
BNA_G
ClientSampleId :
PB170870BS

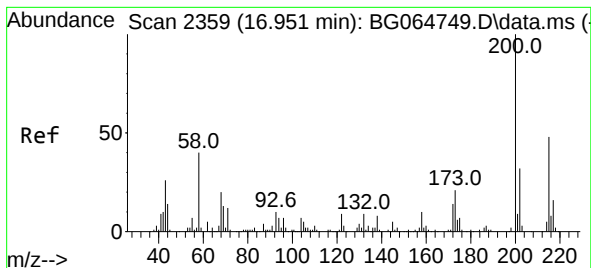
Tgt Ion:248 Resp: 152904
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.6
141 47.0 43.7 65.5



#68
Hexachlorobenzene
Concen: 52.471 ng
RT: 16.804 min Scan# 2334
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:284 Resp: 182901
Ion Ratio Lower Upper
284 100
142 21.5 19.7 29.5
249 30.1 28.1 42.1





#69

Atrazine

Concen: 47.741 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

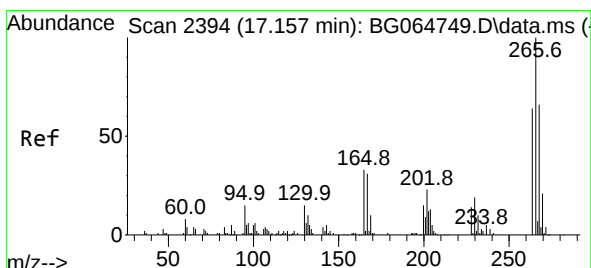
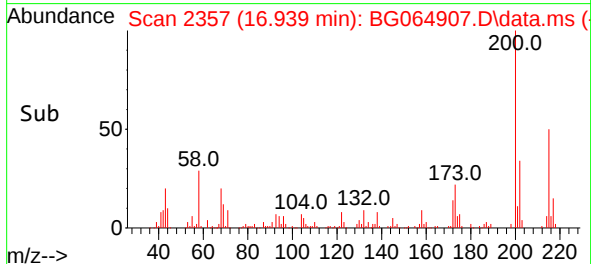
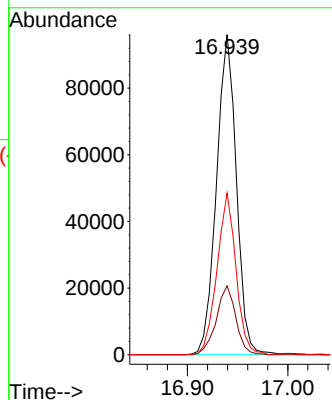
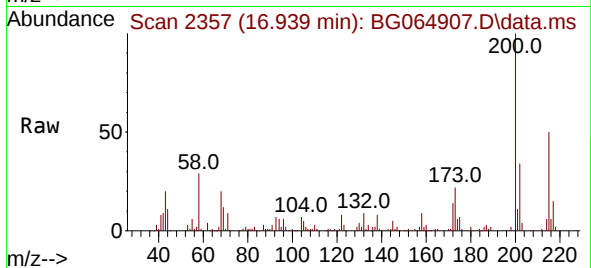
Tgt Ion:200 Resp: 132089

Ion Ratio Lower Upper

200 100

173 21.5 0.9 40.9

215 50.5 27.5 67.5



#70

Pentachlorophenol

Concen: 101.184 ng

RT: 17.145 min Scan# 2392

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

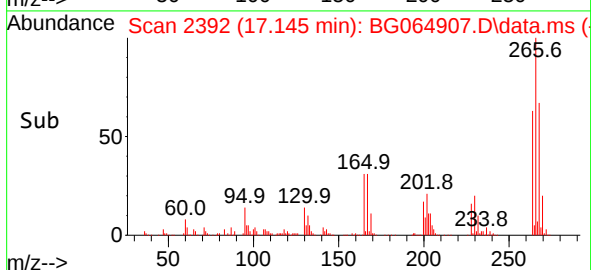
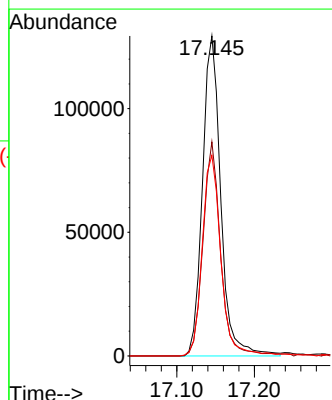
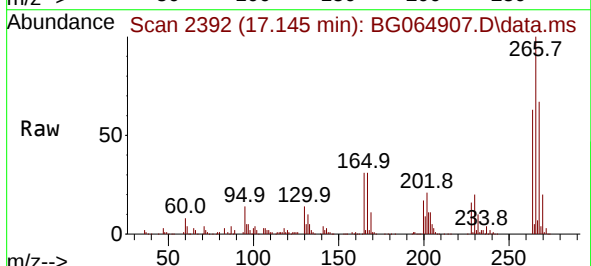
Tgt Ion:266 Resp: 212352

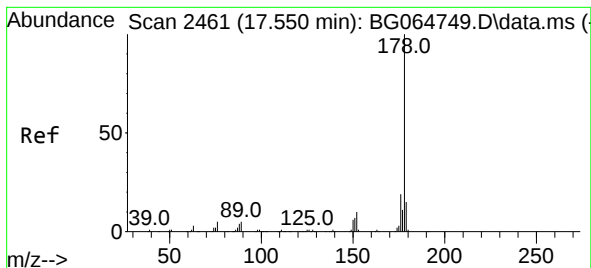
Ion Ratio Lower Upper

266 100

268 71.0 56.1 84.1

264 62.7 51.2 76.8





#71

Phenanthrene

Concen: 45.129 ng

RT: 17.539 min Scan# 2459

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

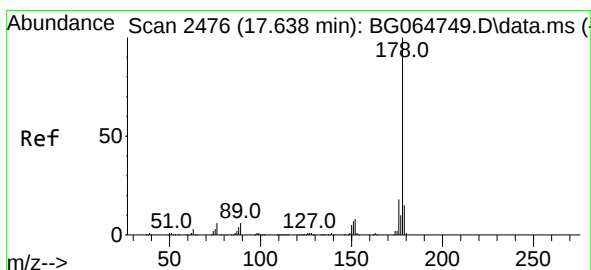
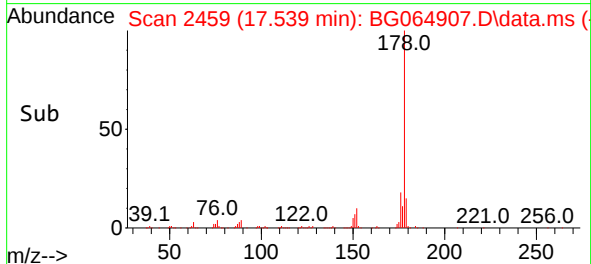
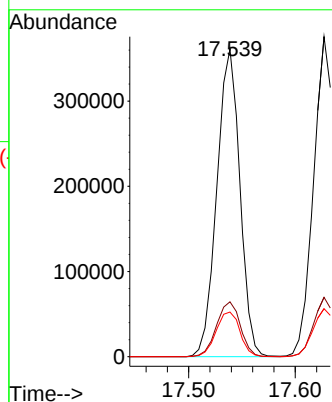
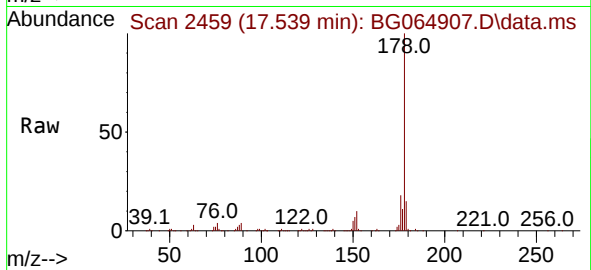
Tgt Ion:178 Resp: 540963

Ion Ratio Lower Upper

178 100

176 17.8 14.8 22.2

179 14.5 12.2 18.4



#72

Anthracene

Concen: 44.275 ng

RT: 17.627 min Scan# 2474

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

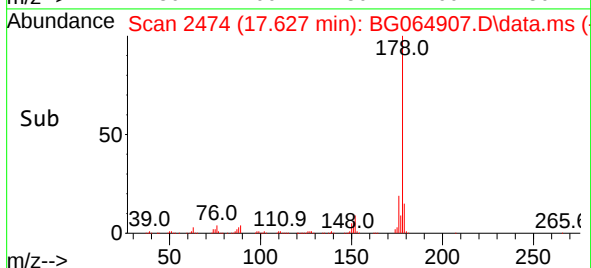
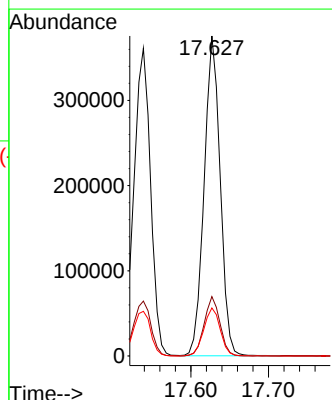
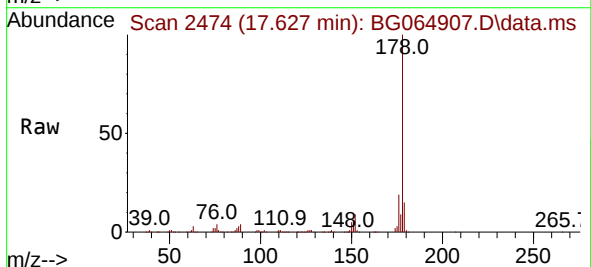
Tgt Ion:178 Resp: 541167

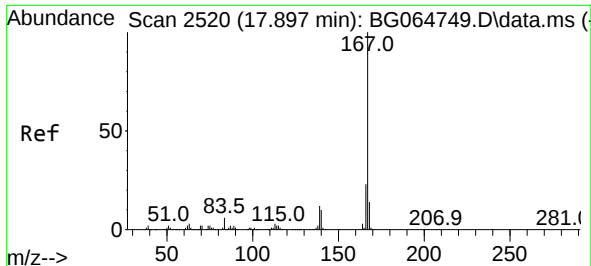
Ion Ratio Lower Upper

178 100

176 18.6 14.5 21.7

179 15.0 12.2 18.4

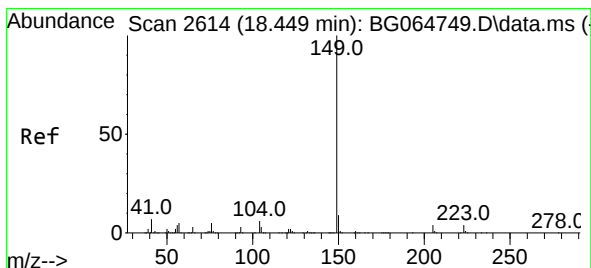
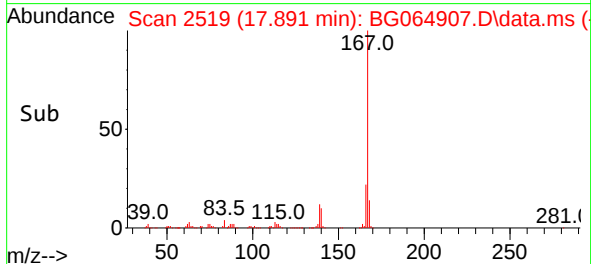
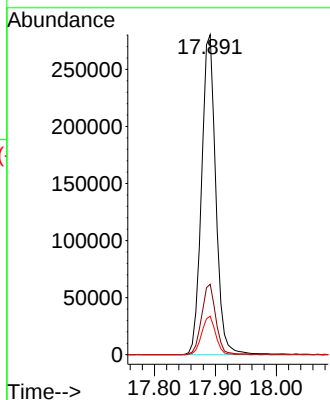
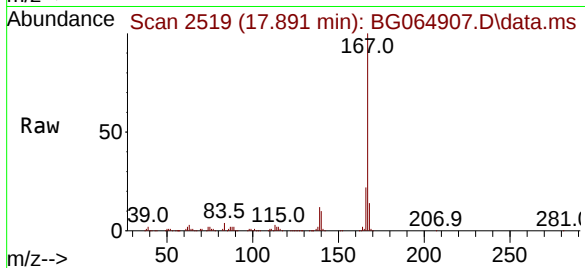




#73
 Carbazole
 Concen: 43.233 ng
 RT: 17.891 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064907.D
 Acq: 9 Dec 2025 16:20

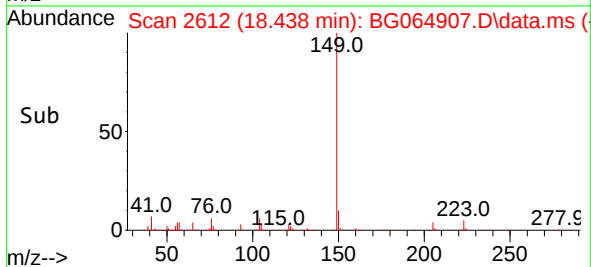
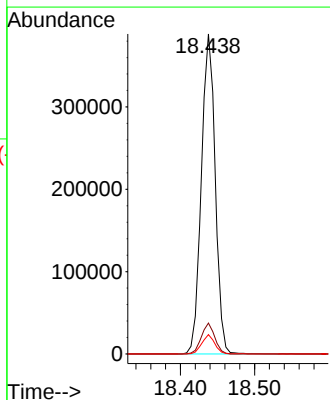
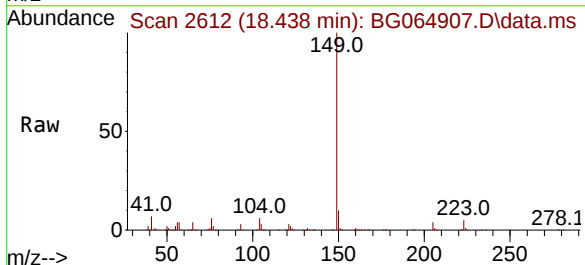
Instrument :
 BNA_G
 ClientSampleId :
 PB170870BS

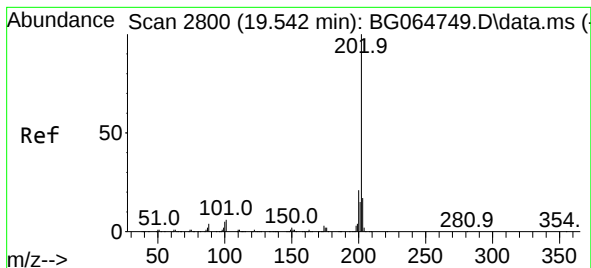
Tgt Ion:167 Resp: 454267
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.0 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 43.079 ng
 RT: 18.438 min Scan# 2612
 Delta R.T. -0.012 min
 Lab File: BG064907.D
 Acq: 9 Dec 2025 16:20

Tgt Ion:149 Resp: 505007
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 6.1 4.4 6.6





#75

Fluoranthene

Concen: 43.270 ng

RT: 19.531 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

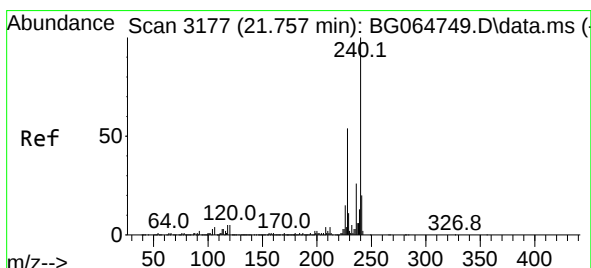
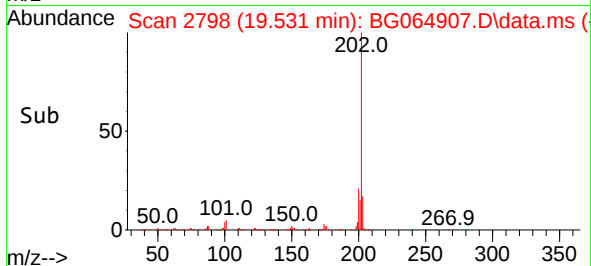
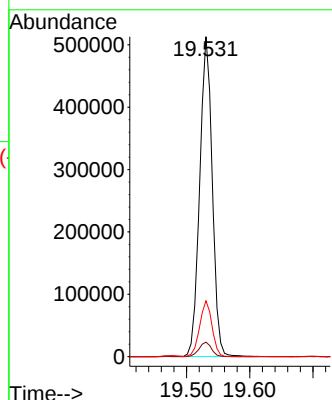
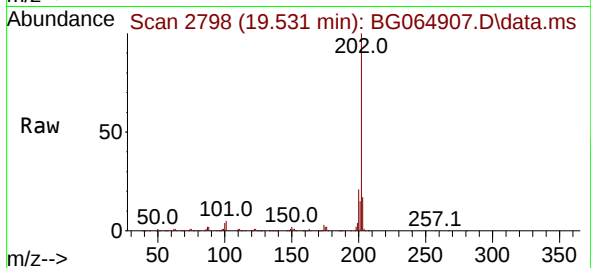
Tgt Ion:202 Resp: 709255

Ion Ratio Lower Upper

202 100

101 4.5 0.0 26.4

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.746 min Scan# 3175

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

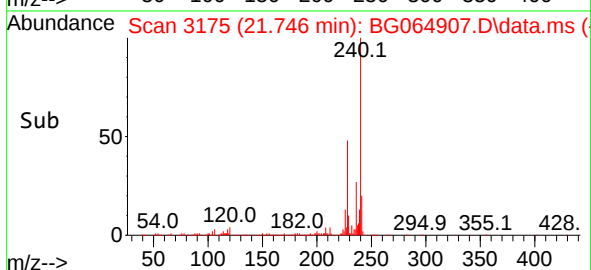
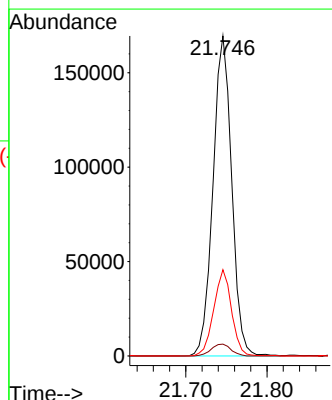
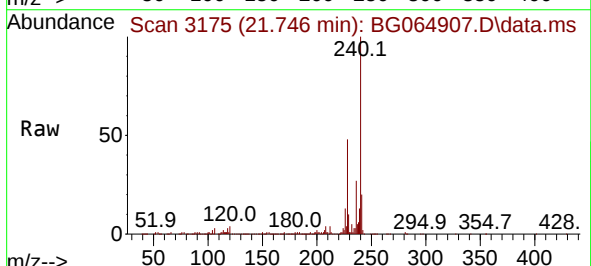
Tgt Ion:240 Resp: 270798

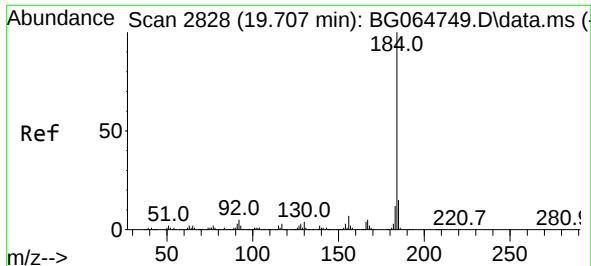
Ion Ratio Lower Upper

240 100

120 3.7 4.2 6.4#

236 27.0 20.8 31.2

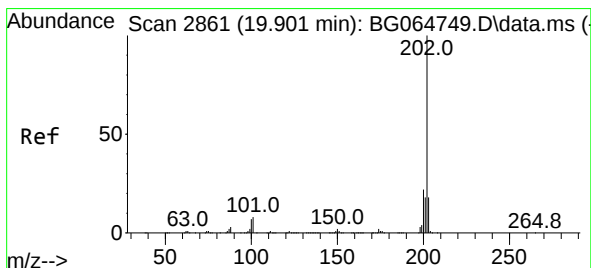
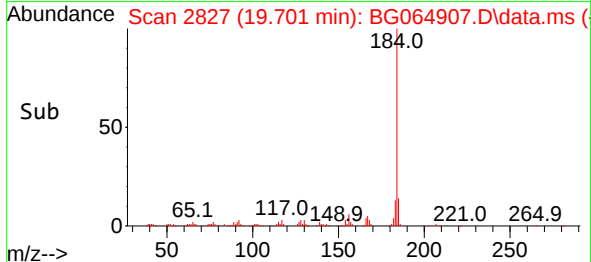
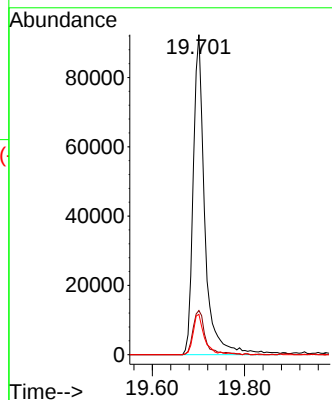
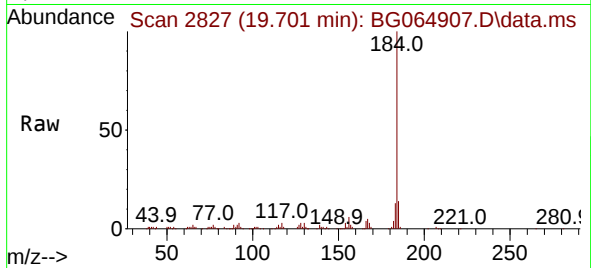




#77
Benzidine
Concen: 19.897 ng
RT: 19.701 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

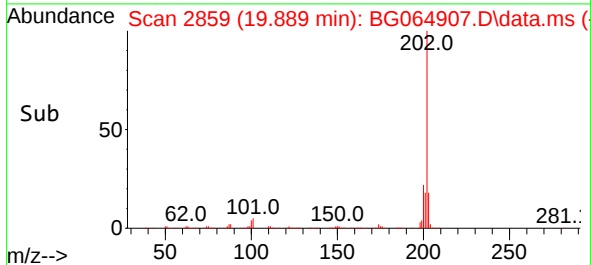
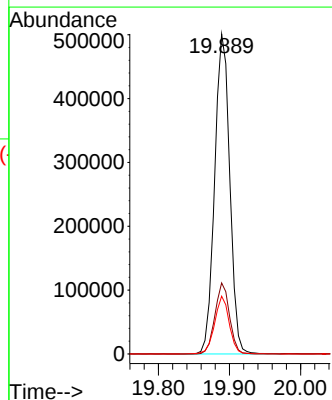
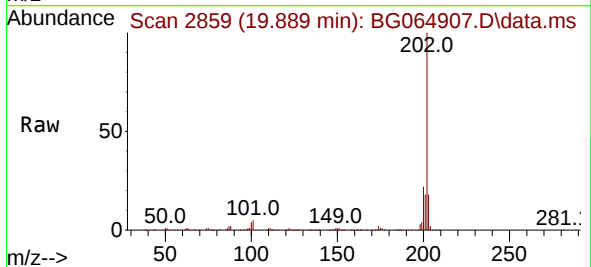
Instrument :
BNA_G
ClientSampleId :
PB170870BS

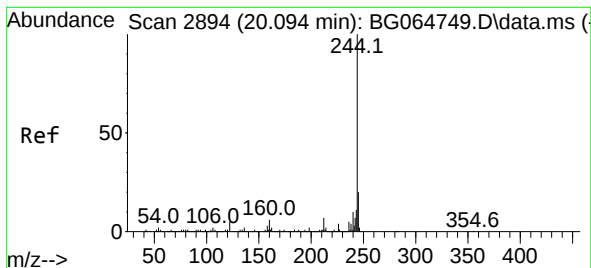
Tgt Ion:184 Resp: 161362
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 12.6 9.8 14.6



#78
Pyrene
Concen: 48.671 ng
RT: 19.889 min Scan# 2859
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:202 Resp: 738683
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 18.0 14.0 21.0





#79

Terphenyl-d14

Concen: 93.001 ng

RT: 20.083 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

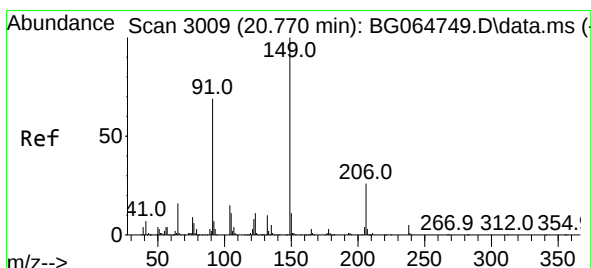
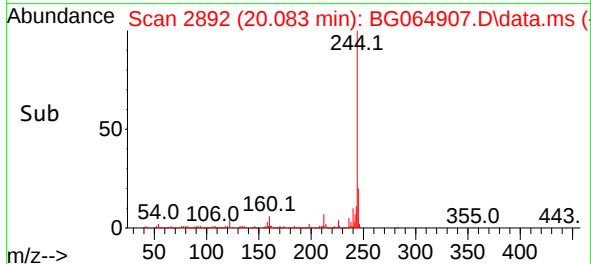
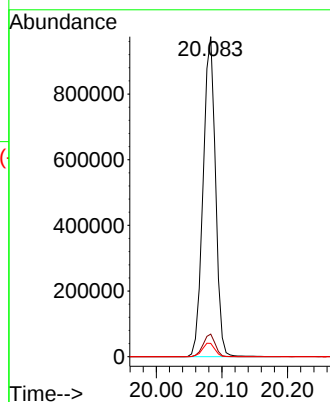
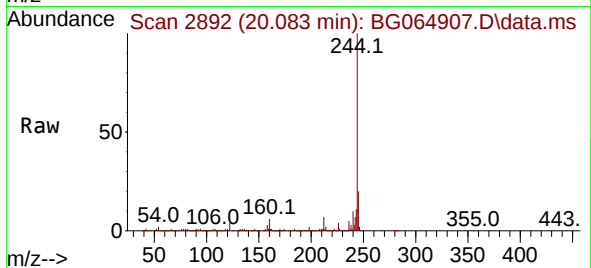
Tgt Ion:244 Resp: 1280294

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 4.1 4.3 6.5#



#80

Butylbenzylphthalate

Concen: 42.157 ng

RT: 20.759 min Scan# 3007

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

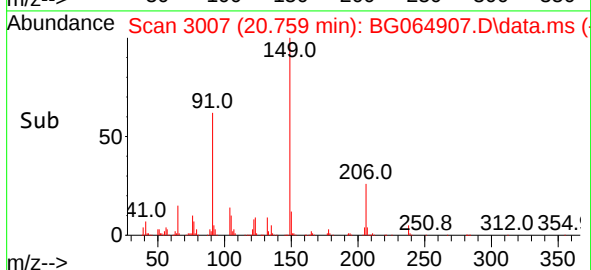
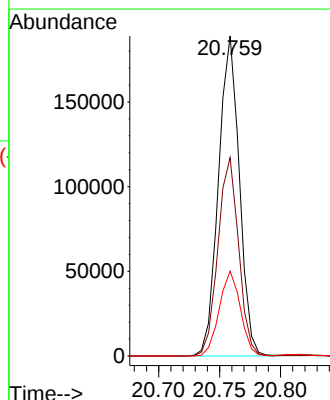
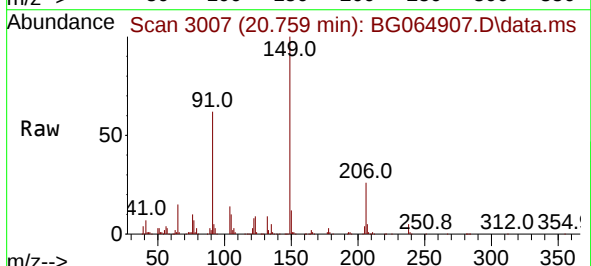
Tgt Ion:149 Resp: 225048

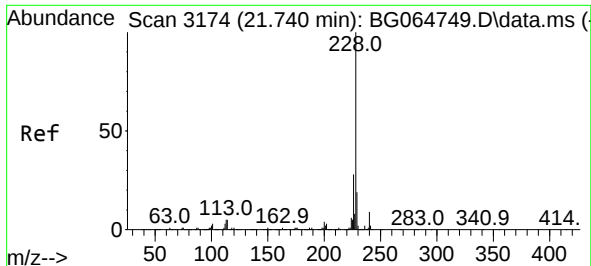
Ion Ratio Lower Upper

149 100

91 62.0 54.9 82.3

206 26.5 21.2 31.8

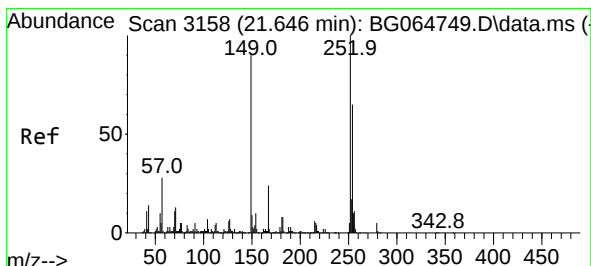
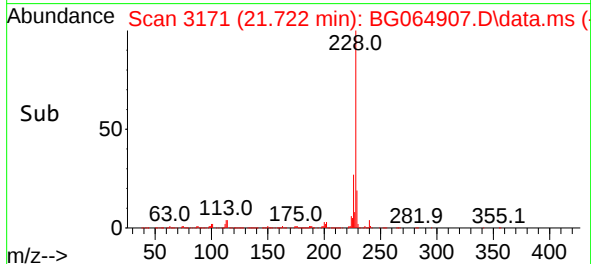
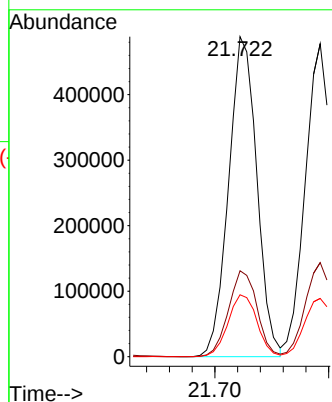
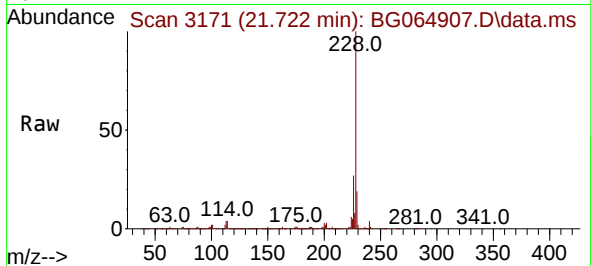




#81
Benzo(a)anthracene
Concen: 45.767 ng
RT: 21.722 min Scan# 3171
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

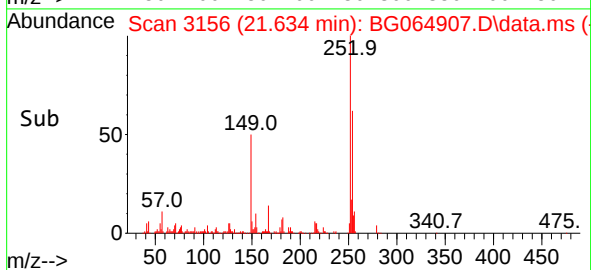
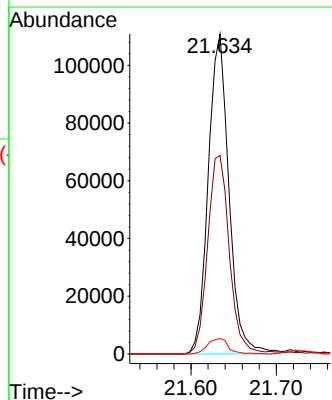
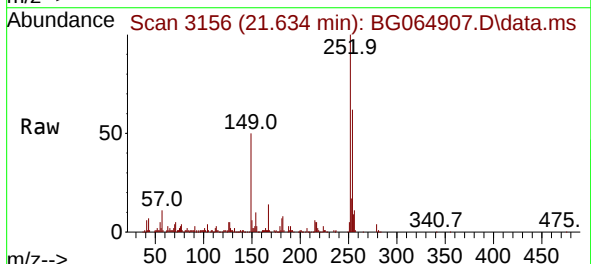
Instrument :
BNA_G
ClientSampleId :
PB170870BS

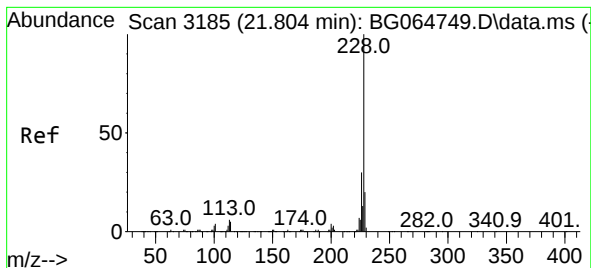
Tgt Ion:228 Resp: 842713
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 27.567 ng
RT: 21.634 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:252 Resp: 186829
Ion Ratio Lower Upper
252 100
254 62.0 51.8 77.8
126 4.8 4.7 7.1





#83

Chrysene

Concen: 45.367 ng

RT: 21.793 min Scan# 3185

Delta R.T. -0.012 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

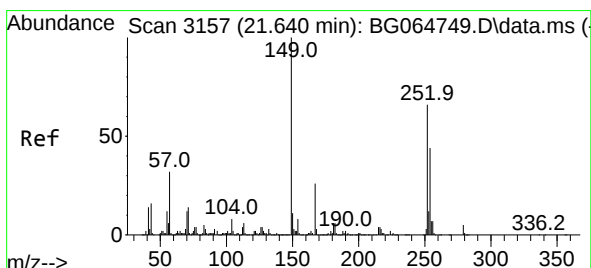
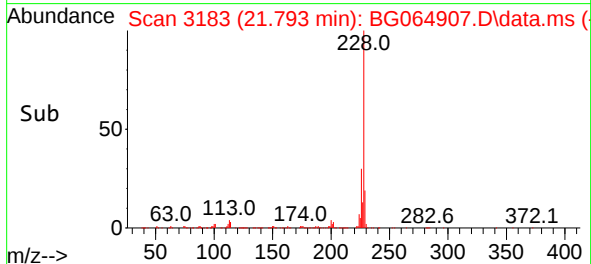
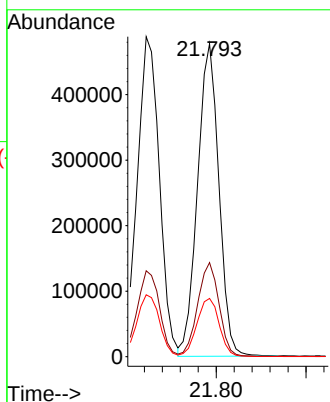
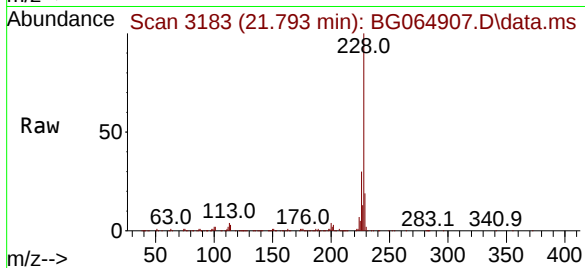
Tgt Ion:228 Resp: 787553

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 18.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.006 ng

RT: 21.616 min Scan# 3153

Delta R.T. -0.023 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

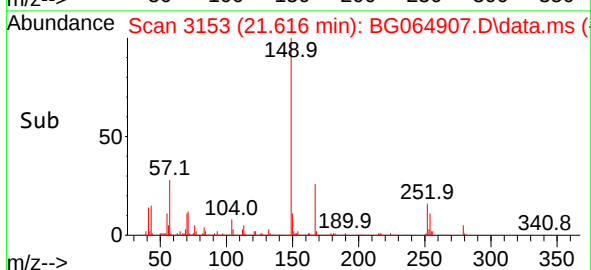
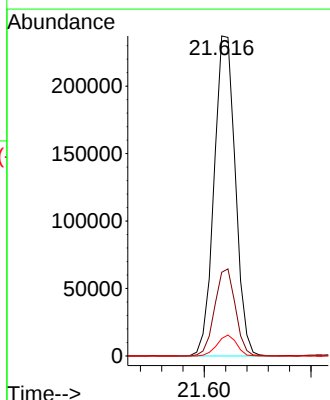
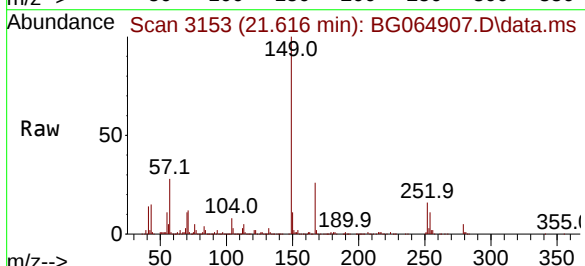
Tgt Ion:149 Resp: 327680

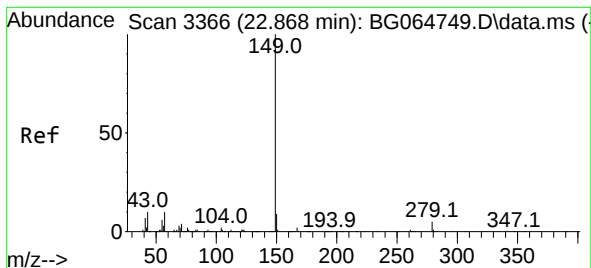
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 5.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.098 ng

RT: 22.838 min Scan# 31

Delta R.T. -0.029 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

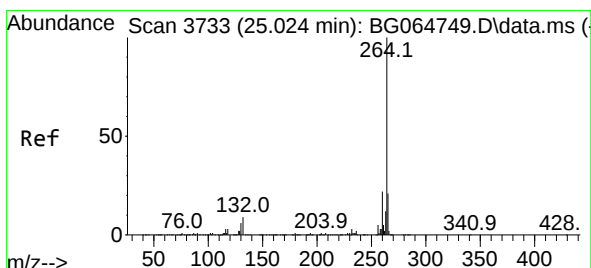
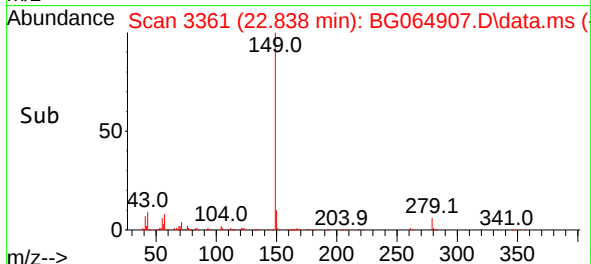
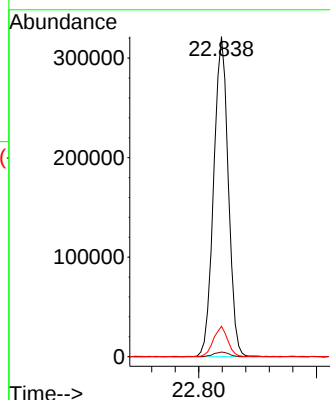
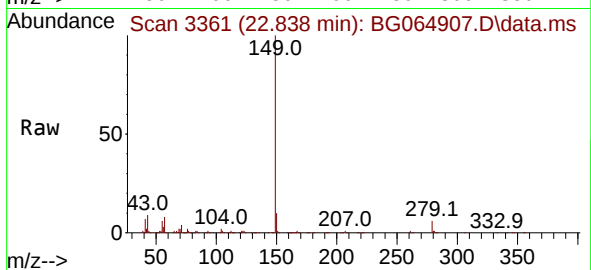
Tgt Ion:149 Resp: 554169

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3728

Delta R.T. -0.029 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

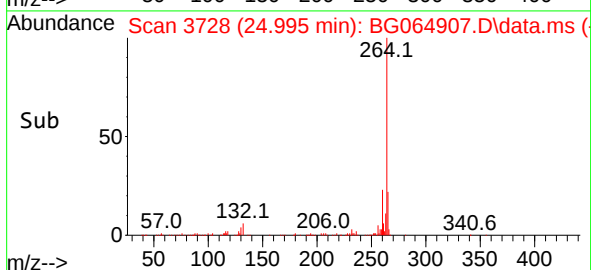
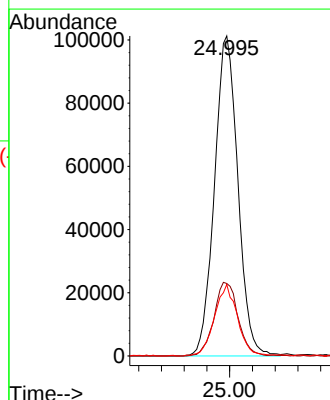
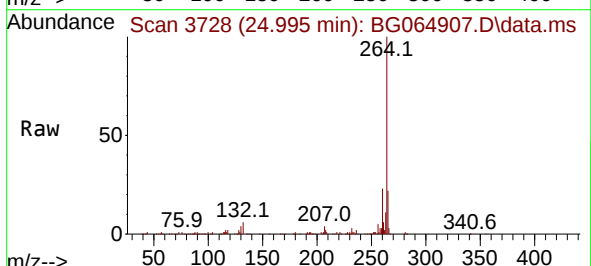
Tgt Ion:264 Resp: 289128

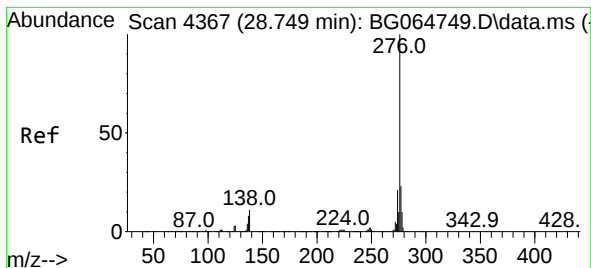
Ion Ratio Lower Upper

264 100

260 22.7 17.2 25.8

265 22.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.591 ng

RT: 28.714 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

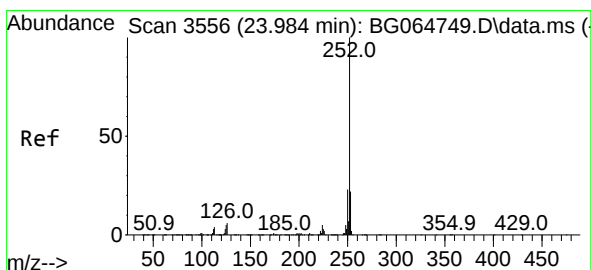
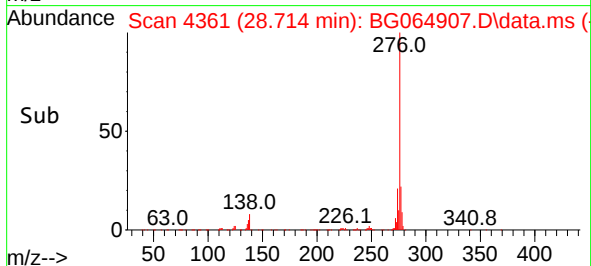
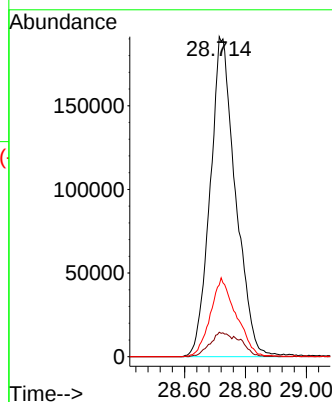
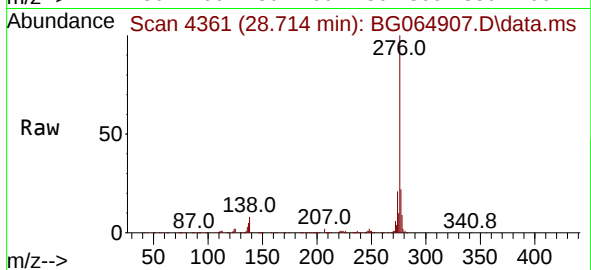
Tgt Ion:276 Resp: 1104269

Ion Ratio Lower Upper

276 100

138 6.0 4.5 6.7

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.604 ng

RT: 23.961 min Scan# 3552

Delta R.T. -0.023 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

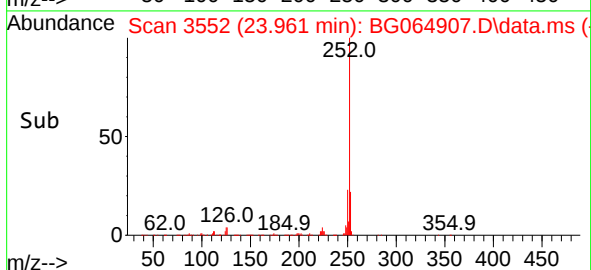
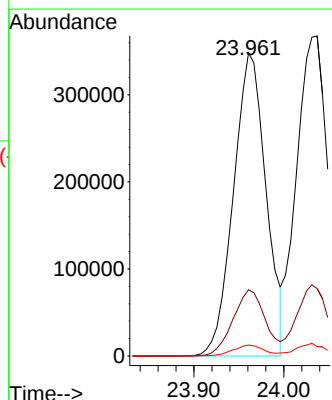
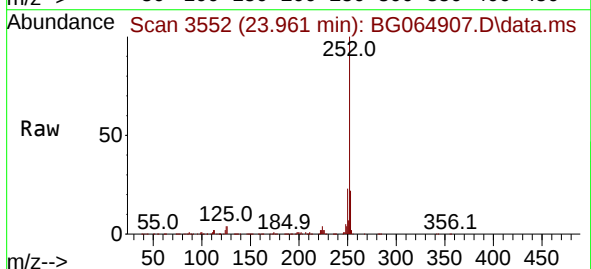
Tgt Ion:252 Resp: 875903

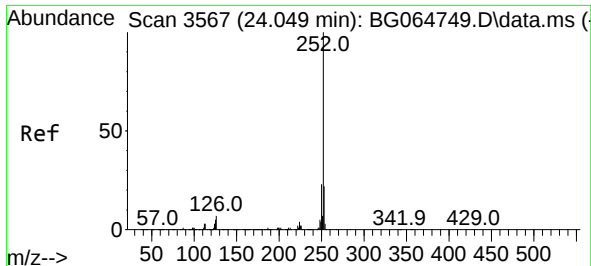
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 3.6 4.2 6.2#

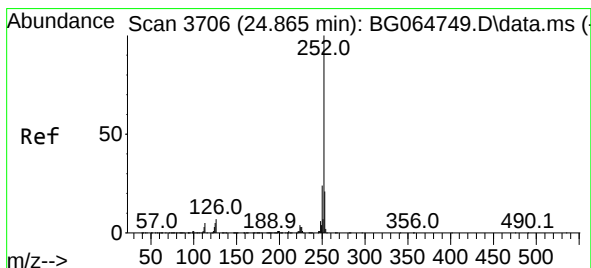
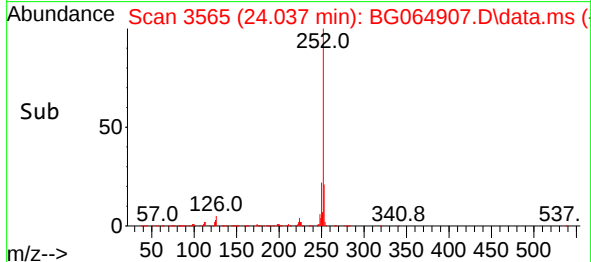
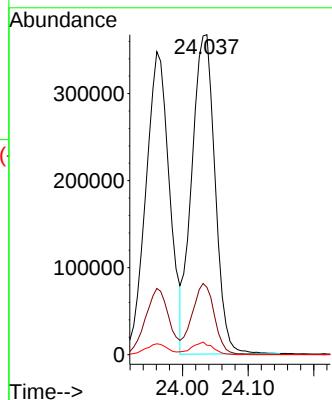
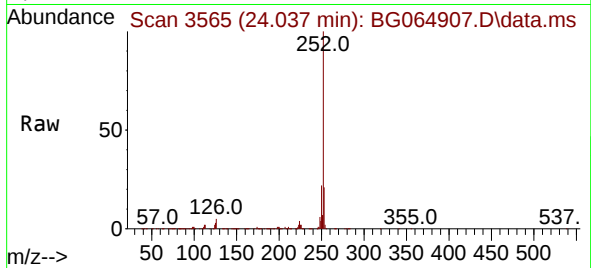




#89
Benzo(k)fluoranthene
Concen: 48.905 ng
RT: 24.037 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

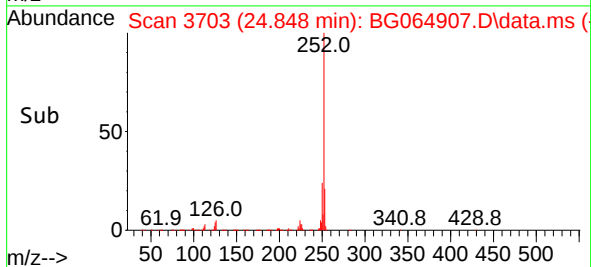
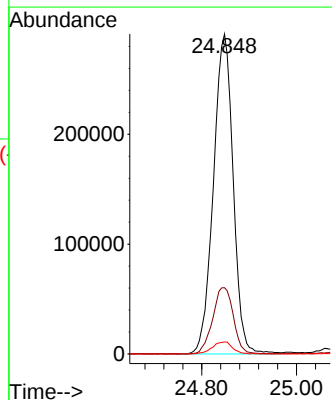
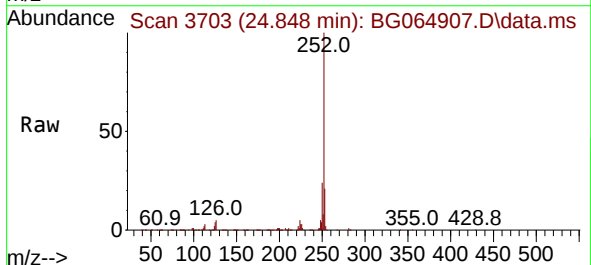
Instrument :
BNA_G
ClientSampleId :
PB170870BS

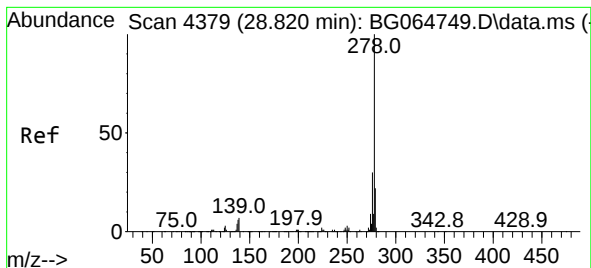
Tgt Ion:252 Resp: 904014
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 2.9 4.1 6.1#



#90
Benzo(a)pyrene
Concen: 49.317 ng
RT: 24.848 min Scan# 3703
Delta R.T. -0.017 min
Lab File: BG064907.D
Acq: 9 Dec 2025 16:20

Tgt Ion:252 Resp: 841753
Ion Ratio Lower Upper
252 100
253 20.7 16.9 25.3
125 3.8 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 56.362 ng

RT: 28.779 min Scan# 41

Delta R.T. -0.041 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Instrument :

BNA_G

ClientSampleId :

PB170870BS

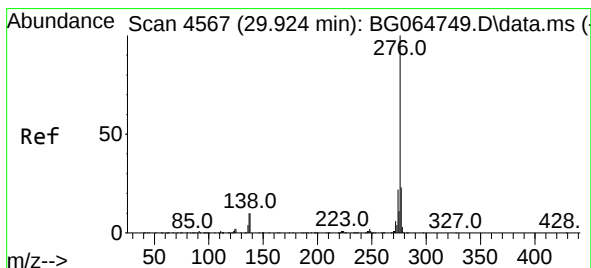
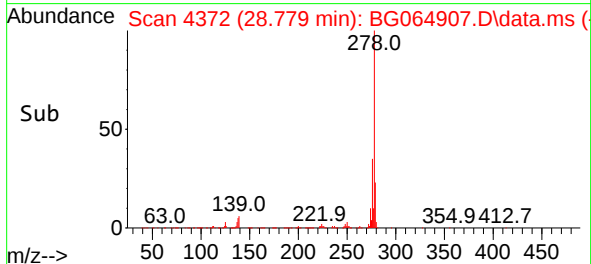
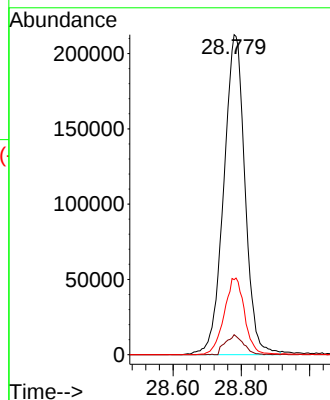
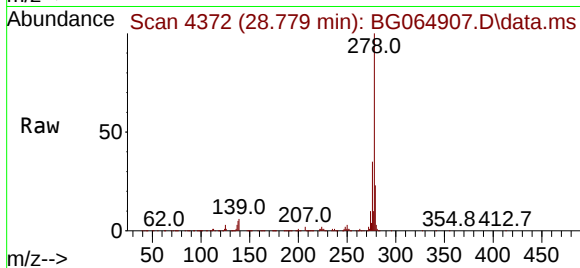
Tgt Ion:278 Resp: 917187

Ion Ratio Lower Upper

278 100

139 6.3 5.8 8.8

279 23.5 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 56.566 ng

RT: 29.883 min Scan# 4560

Delta R.T. -0.041 min

Lab File: BG064907.D

Acq: 9 Dec 2025 16:20

Tgt Ion:276 Resp: 885891

Ion Ratio Lower Upper

276 100

277 23.3 18.0 27.0

138 7.2 8.2 12.2#

