

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064231.D
 Acq On : 29 Aug 2025 17:15
 Operator : RC/JU
 Sample : PB169464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

Quant Time: Aug 29 19:00:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	27226	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	137840	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	100988	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	238356	20.000	ng	0.00
76) Chrysene-d12	21.455	240	248580	20.000	ng	# 0.00
86) Perylene-d12	24.463	264	261746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	229751	151.398	ng	0.00
7) Phenol-d6	7.031	99	335634	160.988	ng	0.00
23) Nitrobenzene-d5	9.011	82	232133	93.922	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	185489	138.670	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	591931	89.466	ng	0.00
79) Terphenyl-d14	19.845	244	1111010	93.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	22350	35.335	ng	97
3) Pyridine	3.740	79	63789	34.260	ng	# 60
4) n-Nitrosodimethylamine	3.658	42	56805	46.125	ng	95
6) Aniline	7.183	93	127839	44.342	ng	98
8) 2-Chlorophenol	7.424	128	105904	57.110	ng	93
9) Benzaldehyde	6.995	77	45935	26.773	ng	98
10) Phenol	7.054	94	131238	57.096	ng	95
11) bis(2-Chloroethyl)ether	7.283	93	86723	50.209	ng	99
12) 1,3-Dichlorobenzene	7.747	146	97018	49.178	ng	94
13) 1,4-Dichlorobenzene	7.894	146	100118	50.285	ng	95
14) 1,2-Dichlorobenzene	8.212	146	98766	51.398	ng	93
15) Benzyl Alcohol	8.094	79	105090	54.622	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.382	45	191858	48.652	ng	98
17) 2-Methylphenol	8.300	107	92537	54.018	ng	95
18) Hexachloroethane	8.934	117	39171	50.401	ng	87
19) n-Nitroso-di-n-propyla...	8.658	70	81215	50.900	ng	# 97
20) 3+4-Methylphenols	8.623	107	129980	54.606	ng	98
22) Acetophenone	8.676	105	166425	47.724	ng	# 99
24) Nitrobenzene	9.052	77	122378	47.391	ng	99
25) Isophorone	9.575	82	240210	46.764	ng	98
26) 2-Nitrophenol	9.763	139	55278	49.541	ng	97
27) 2,4-Dimethylphenol	9.822	122	109073	55.678	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	133784	48.302	ng	97
29) 2,4-Dichlorophenol	10.292	162	106064	51.313	ng	96
30) 1,2,4-Trichlorobenzene	10.509	180	104715	48.047	ng	97
31) Naphthalene	10.697	128	328172	45.913	ng	99
32) Benzoic acid	9.974	122	78972	50.784	ng	93
33) 4-Chloroaniline	10.803	127	85144	30.734	ng	97
34) Hexachlorobutadiene	10.985	225	72415	44.950	ng	93
35) Caprolactam	11.572	113	17035	21.284	ng	92
36) 4-Chloro-3-methylphenol	11.931	107	139319	51.949	ng	97
37) 2-Methylnaphthalene	12.307	142	228285	42.968	ng	97
38) 1-Methylnaphthalene	12.524	142	242115	46.137	ng	96
40) 1,2,4,5-Tetrachloroben...	12.677	216	132472	45.463	ng	98
41) Hexachlorocyclopentadiene	12.659	237	175351	126.622	ng	94
43) 2,4,6-Trichlorophenol	12.912	196	96477	49.537	ng	95

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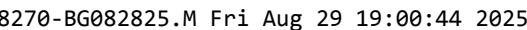
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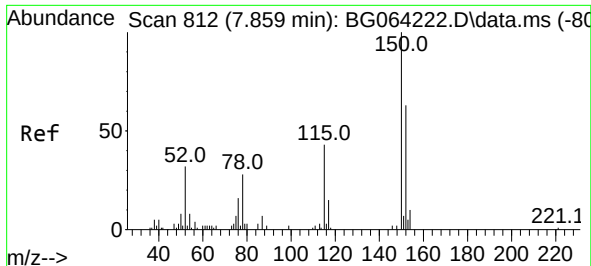
Quant Time: Aug 29 19:00:32 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	109699	51.925	ng	93
46) 1,1'-Biphenyl	13.317	154	348699	47.407	ng	99
47) 2-Chloronaphthalene	13.359	162	256074	46.308	ng	97
48) 2-Nitroaniline	13.558	65	98702	52.369	ng	97
49) Acenaphthylene	14.205	152	445490	54.499	ng	97
50) Dimethylphthalate	13.946	163	372047	48.672	ng	99
51) 2,6-Dinitrotoluene	14.058	165	80773	54.583	ng	92
52) Acenaphthene	14.545	154	266287	46.161	ng	98
53) 3-Nitroaniline	14.381	138	57979	37.403	ng	# 96
54) 2,4-Dinitrophenol	14.592	184	101021	102.756	ng	88
55) Dibenzofuran	14.880	168	441724	48.682	ng	96
56) 4-Nitrophenol	14.698	139	138842	109.192	ng	95
57) 2,4-Dinitrotoluene	14.845	165	122309	54.663	ng	# 96
58) Fluorene	15.532	166	365454	49.140	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.109	232	107273	52.793	ng	98
60) Diethylphthalate	15.309	149	400516	48.959	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	178880	48.242	ng	98
62) 4-Nitroaniline	15.550	138	84214	53.241	ng	95
63) Azobenzene	15.820	77	369719	50.707	ng	98
65) 4,6-Dinitro-2-methylph...	15.609	198	72709	53.131	ng	91
66) n-Nitrosodiphenylamine	15.738	169	328189	50.052	ng	96
67) 4-Bromophenyl-phenylether	16.420	248	123626	48.832	ng	100
68) Hexachlorobenzene	16.531	284	134954	48.003	ng	95
69) Atrazine	16.690	200	133965	48.931	ng	98
70) Pentachlorophenol	16.878	266	179681	105.407	ng	93
71) Phenanthrene	17.266	178	621692	49.452	ng	98
72) Anthracene	17.354	178	632843	49.487	ng	98
73) Carbazole	17.624	167	567819	50.403	ng	99
74) Di-n-butylphthalate	18.194	149	678440	50.126	ng	99
75) Fluoranthene	19.275	202	728119	49.257	ng	99
77) Benzidine	19.457	184	251958	48.182	ng	98
78) Pyrene	19.634	202	748660	47.804	ng	98
80) Butylbenzylphthalate	20.532	149	298457	50.527	ng	97
81) Benzo(a)anthracene	21.431	228	776040	48.798	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	177170	34.207	ng	99
83) Chrysene	21.496	228	738121	48.346	ng	99
84) Bis(2-ethylhexyl)phtha...	21.361	149	442789	49.930	ng	98
85) Di-n-octyl phthalate	22.507	149	770097	49.837	ng	99
87) Indeno(1,2,3-cd)pyrene	27.853	276	902446	50.487	ng	# 91
88) Benzo(b)fluoranthene	23.517	252	760299	51.467	ng	99
89) Benzo(k)fluoranthene	23.582	252	768861	51.087	ng	97
90) Benzo(a)pyrene	24.322	252	734235	53.431	ng	99
91) Dibenzo(a,h)anthracene	27.918	278	752564	52.436	ng	99
92) Benzo(g,h,i)perylene	28.905	276	723319	51.794	ng	97

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

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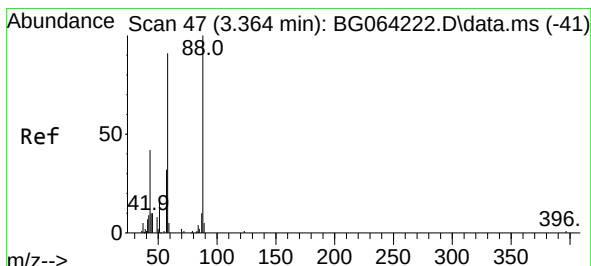
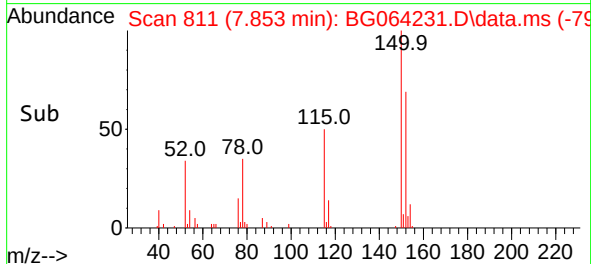
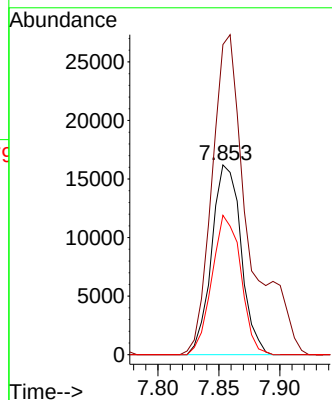
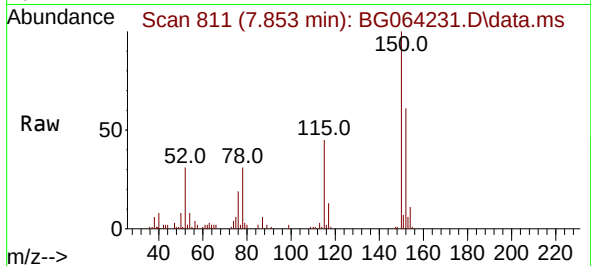




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.853 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

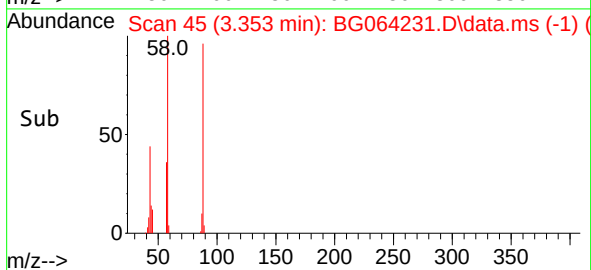
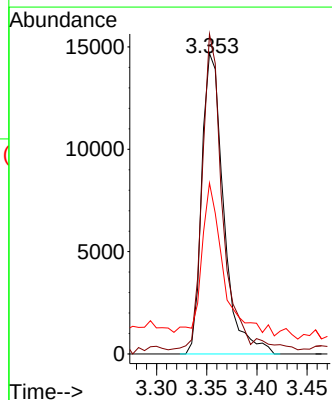
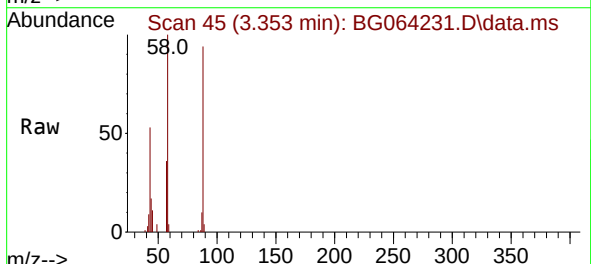
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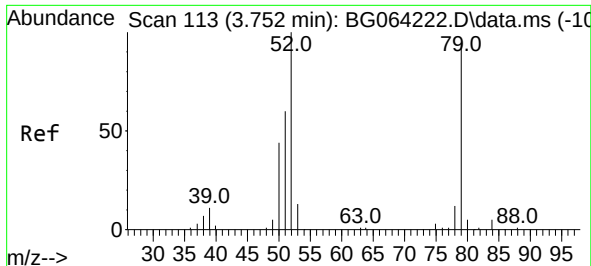
Tgt Ion:152 Resp: 27226
 Ion Ratio Lower Upper
 152 100
 150 163.3 128.0 192.0
 115 73.4 55.7 83.5



#2
 1,4-Dioxane
 Concen: 35.335 ng
 RT: 3.353 min Scan# 45
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion: 88 Resp: 22350
 Ion Ratio Lower Upper
 88 100
 58 105.4 80.8 121.2
 43 49.6 40.3 60.5

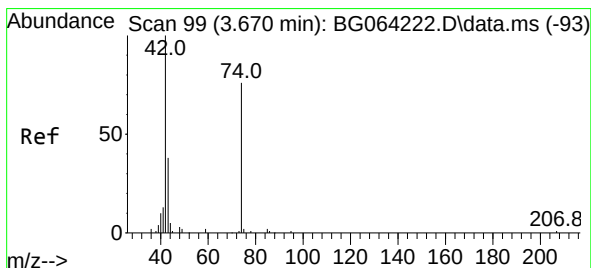
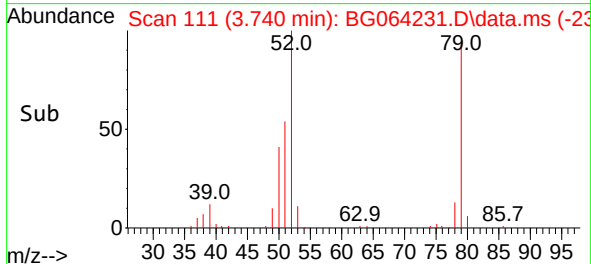
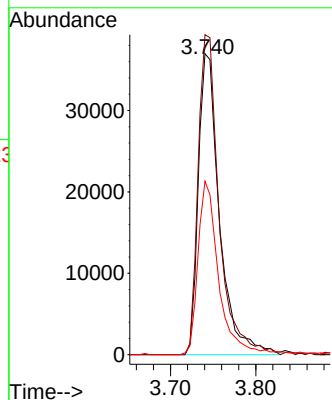
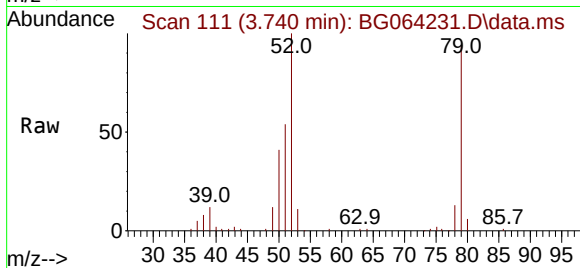




#3
 Pyridine
 Concen: 34.260 ng
 RT: 3.740 min Scan# 113
 Delta R.T. -0.012 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

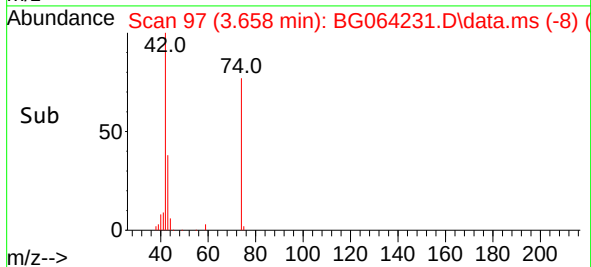
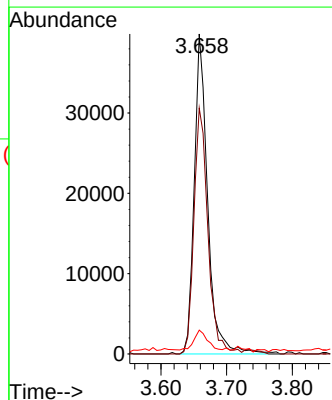
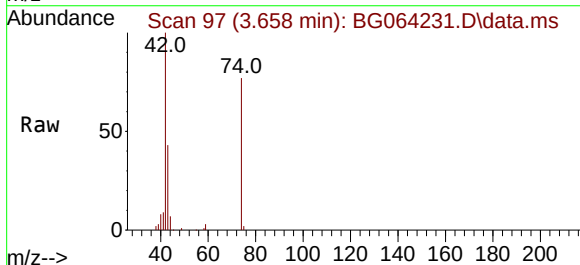
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 ClientSampleId :
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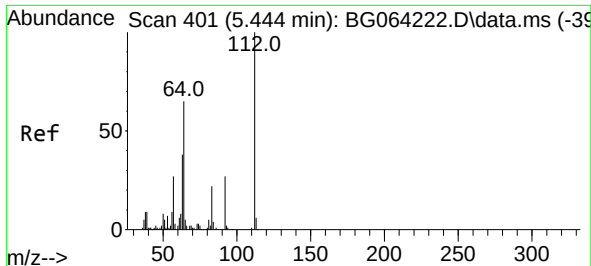
Tgt Ion: 79 Resp: 63789
 Ion Ratio Lower Upper
 79 100
 52 106.3 86.6 129.8
 51 57.6 114.1 171.1#



#4
 n-Nitrosodimethylamine
 Concen: 46.125 ng
 RT: 3.658 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion: 42 Resp: 56805
 Ion Ratio Lower Upper
 42 100
 74 76.8 58.0 87.0
 44 7.5 5.5 8.3

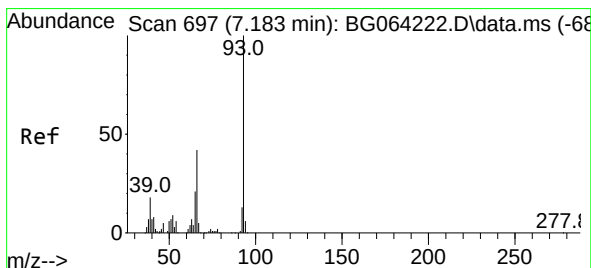
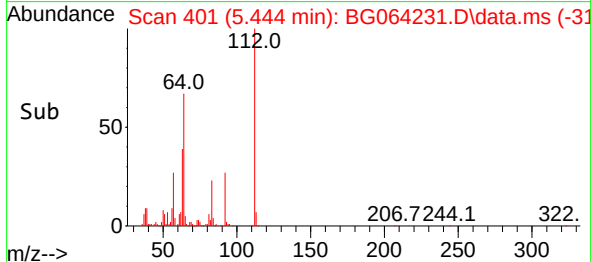
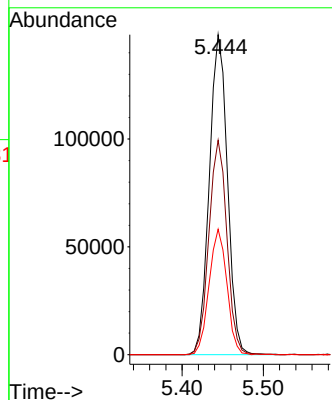
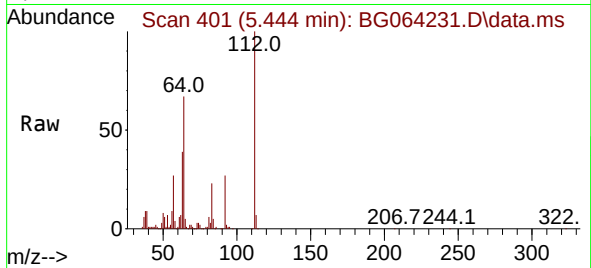




#5
2-Fluorophenol
Concen: 151.398 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

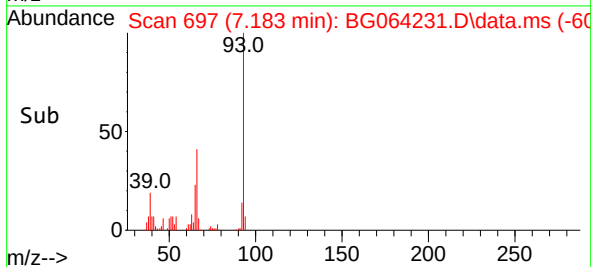
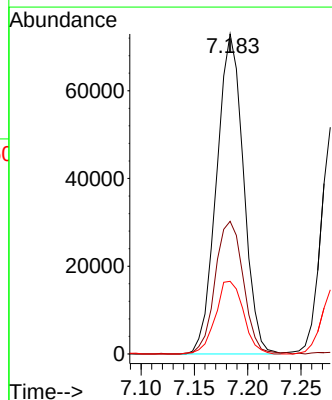
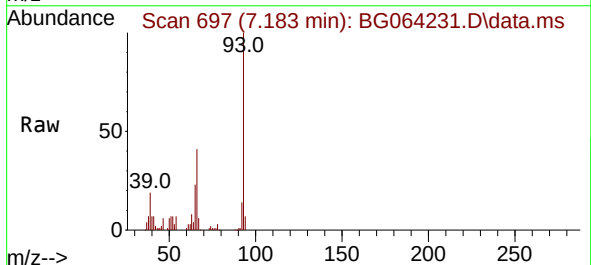
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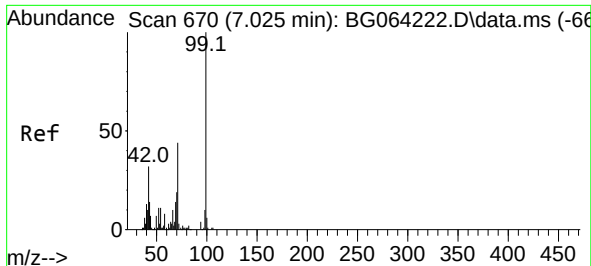
Tgt Ion:112 Resp: 229751
Ion Ratio Lower Upper
112 100
64 67.0 51.8 77.6
63 39.2 30.6 45.8



#6
Aniline
Concen: 44.342 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion: 93 Resp: 127839
Ion Ratio Lower Upper
93 100
66 41.5 33.8 50.8
65 22.7 16.9 25.3

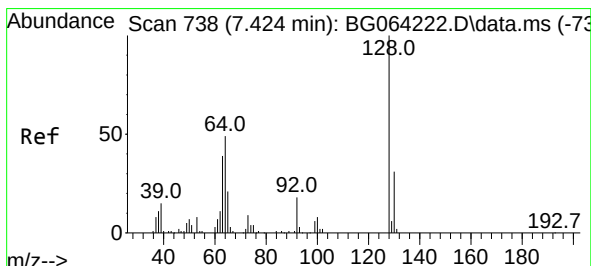
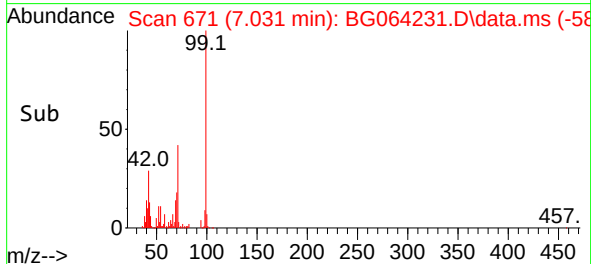
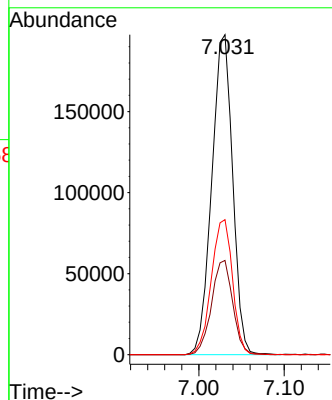
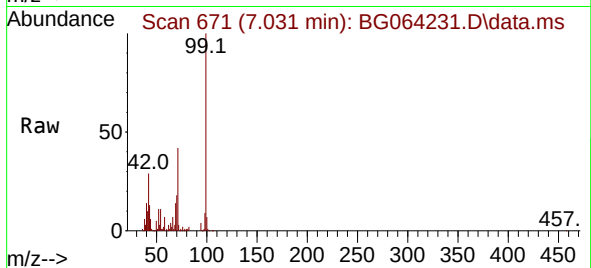




#7
Phenol-d6
Concen: 160.988 ng
RT: 7.031 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

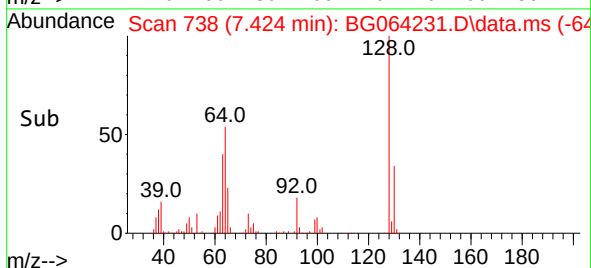
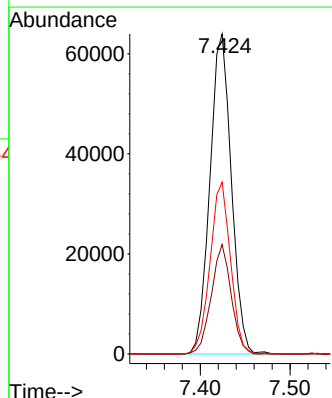
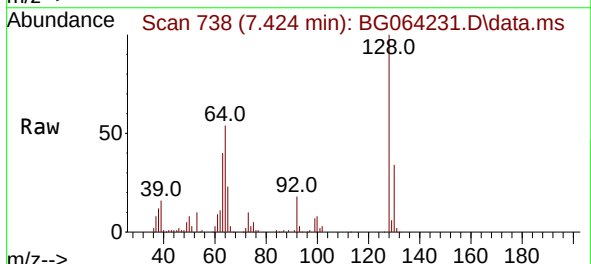
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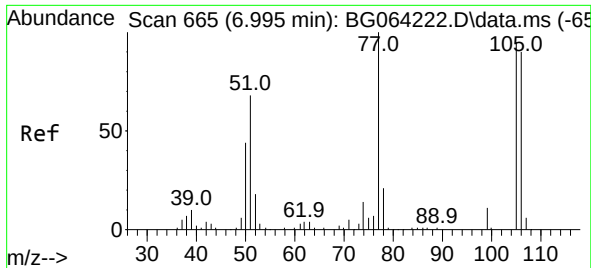
Tgt Ion: 99 Resp: 335634
Ion Ratio Lower Upper
99 100
42 29.5 25.8 38.8
71 42.2 35.2 52.8



#8
2-Chlorophenol
Concen: 57.110 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion: 128 Resp: 105904
Ion Ratio Lower Upper
128 100
130 34.2 10.9 50.9
64 53.7 28.7 68.7

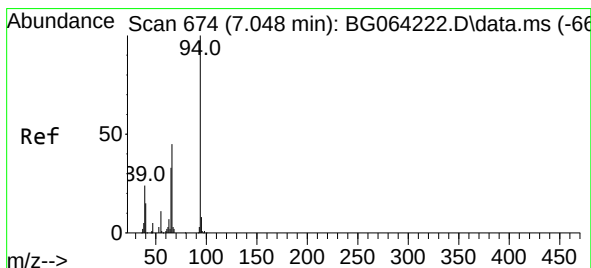
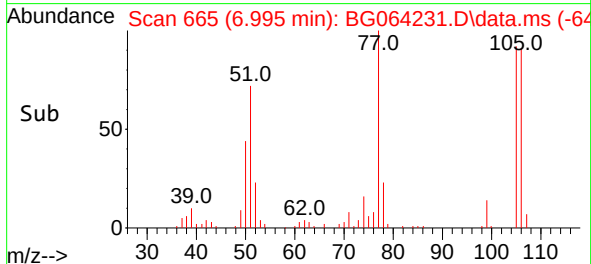
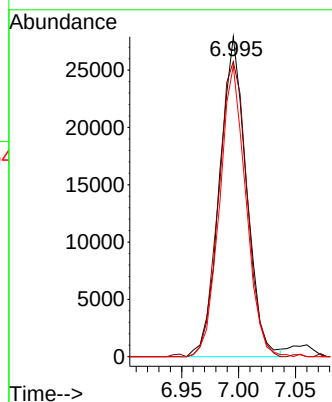
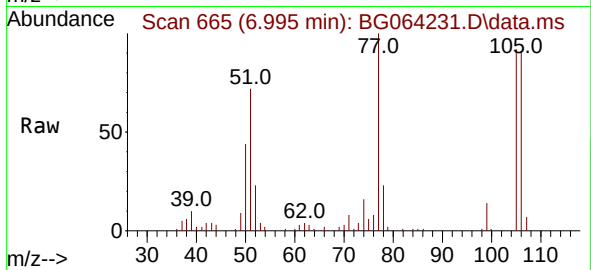




#9
Benzaldehyde
Concen: 26.773 ng
RT: 6.995 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

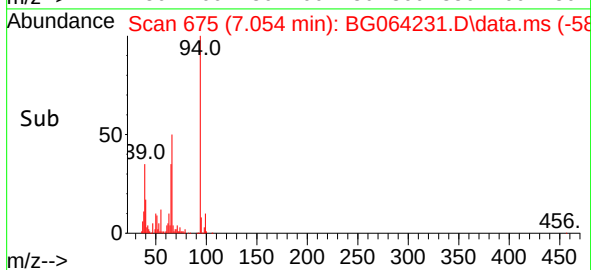
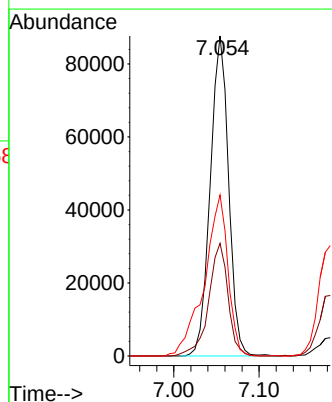
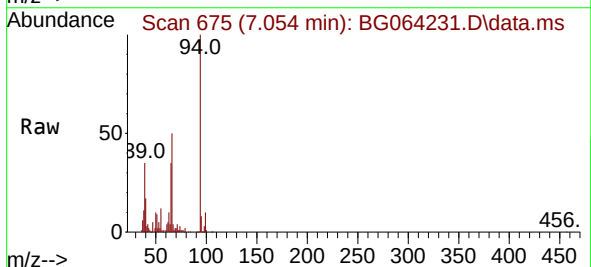
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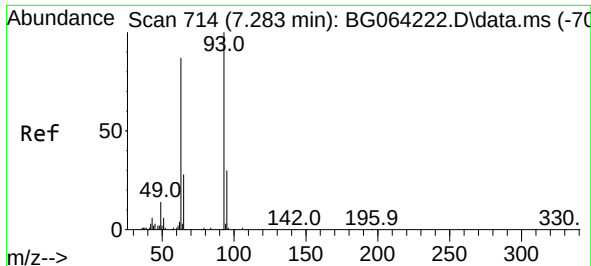
Tgt Ion: 77 Resp: 45935
Ion Ratio Lower Upper
77 100
105 92.2 75.2 115.2
106 90.9 69.6 109.6



#10
Phenol
Concen: 57.096 ng
RT: 7.054 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion: 94 Resp: 131238
Ion Ratio Lower Upper
94 100
65 35.2 13.5 53.5
66 50.3 26.2 66.2

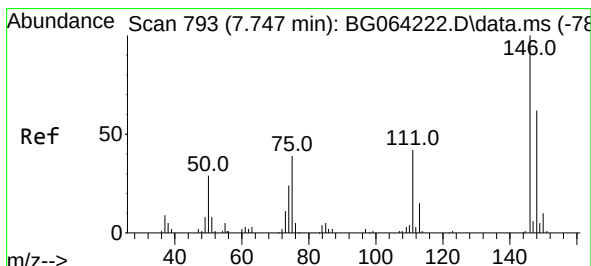
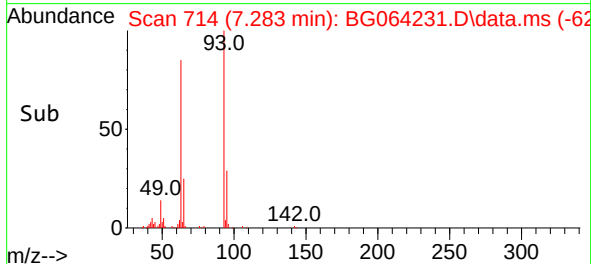
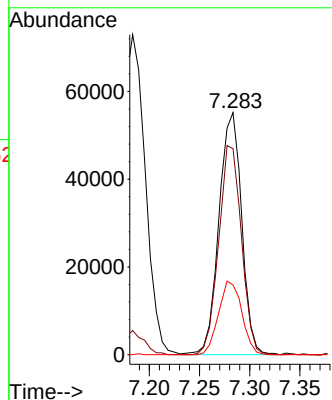
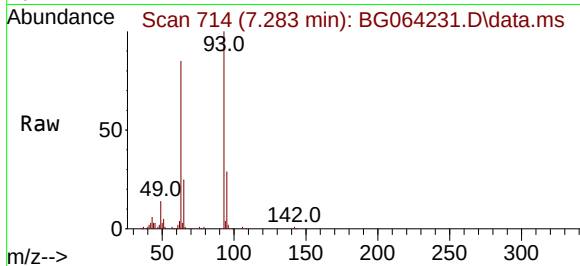




#11
bis(2-Chloroethyl)ether
Concen: 50.209 ng
RT: 7.283 min Scan# 714
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

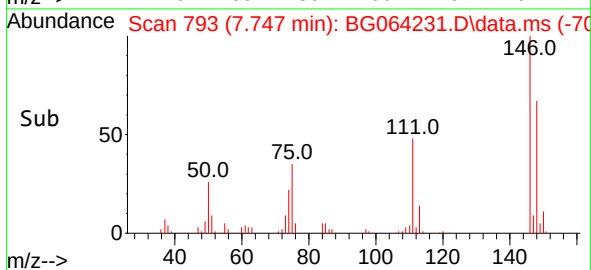
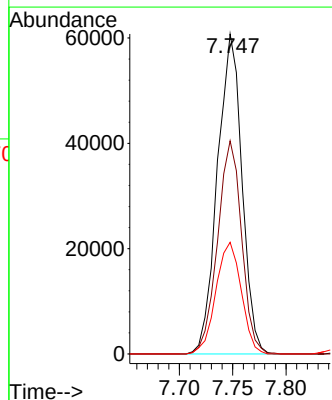
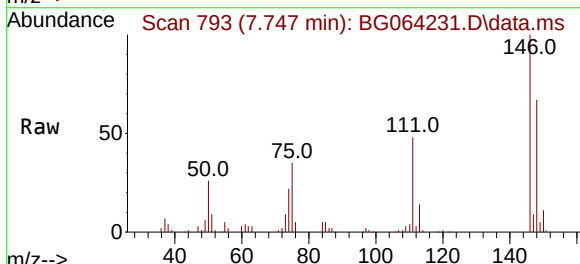
Instrument :
BNA_G
ClientSampleId :
PB169464BS

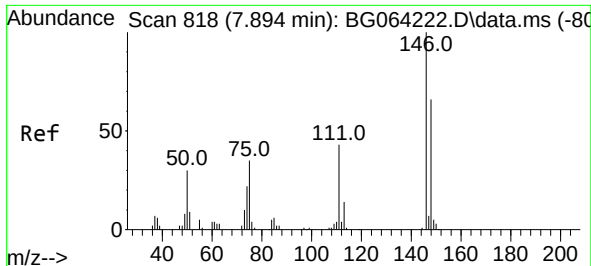
Tgt Ion: 93 Resp: 86723
Ion Ratio Lower Upper
93 100
63 85.1 66.2 106.2
95 28.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 49.178 ng
RT: 7.747 min Scan# 793
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:146 Resp: 97018
Ion Ratio Lower Upper
146 100
148 66.6 49.6 74.4
75 34.9 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 50.285 ng

RT: 7.894 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

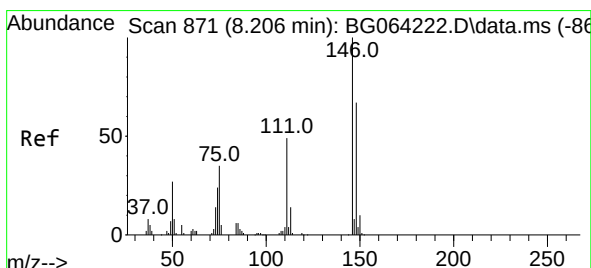
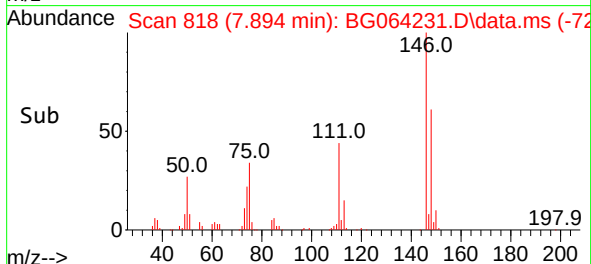
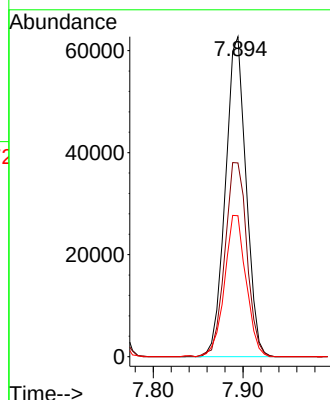
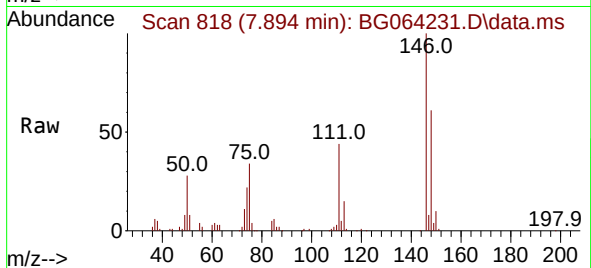
Tgt Ion:146 Resp: 100118

Ion Ratio Lower Upper

146 100

148 60.5 52.8 79.2

111 44.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 51.398 ng

RT: 8.212 min Scan# 872

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

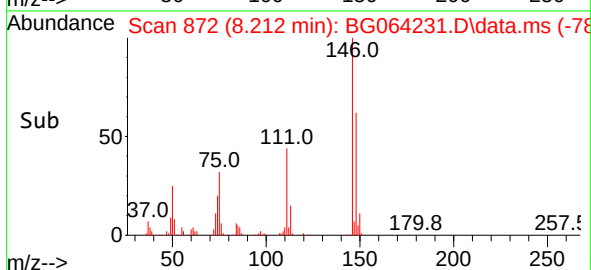
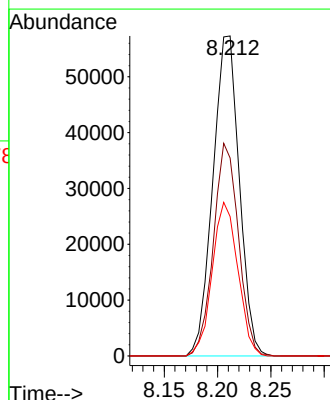
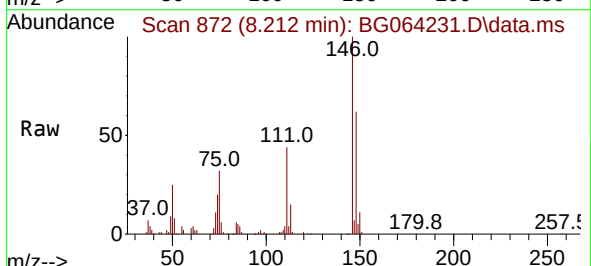
Tgt Ion:146 Resp: 98766

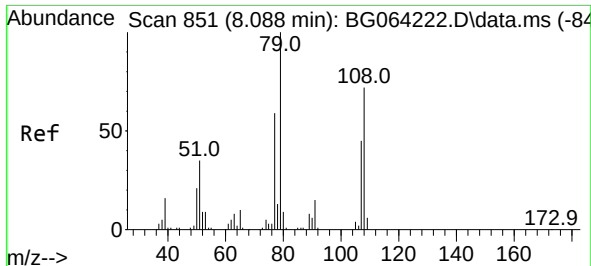
Ion Ratio Lower Upper

146 100

148 61.9 53.4 80.0

111 43.6 39.1 58.7

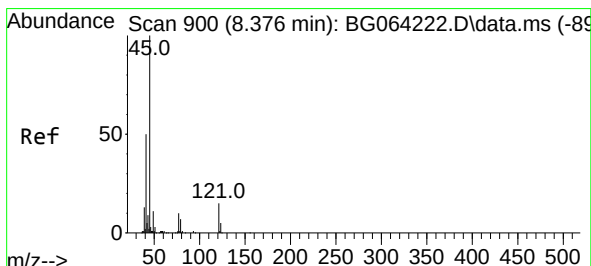
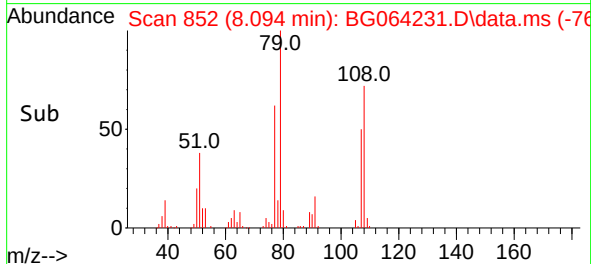
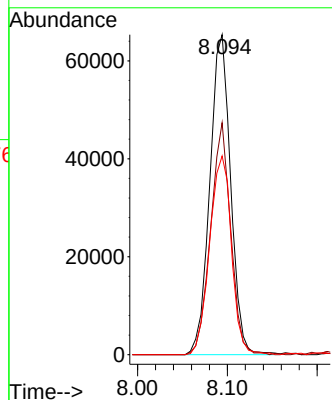
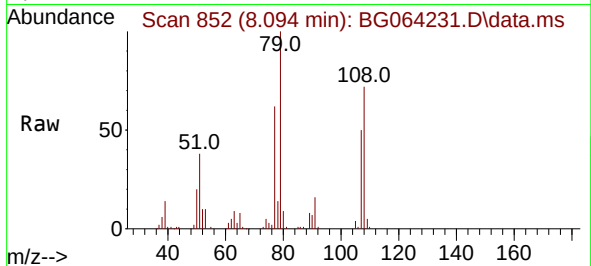




#15
Benzyl Alcohol
Concen: 54.622 ng
RT: 8.094 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

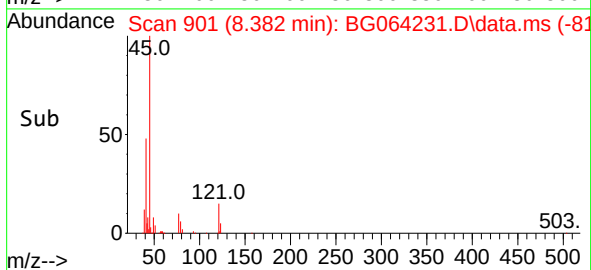
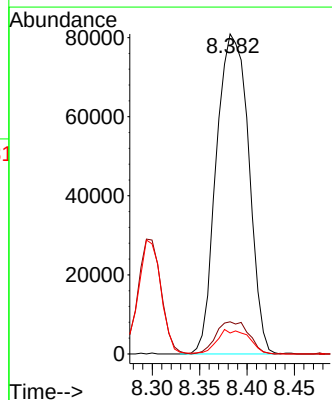
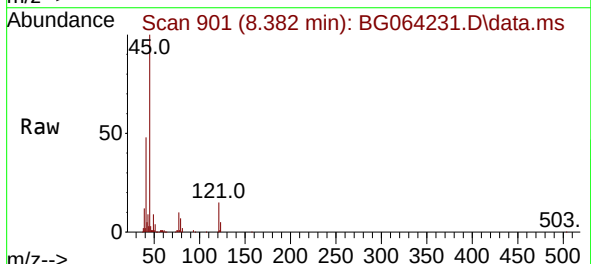
Instrument :
BNA_G
ClientSampleId :
PB169464BS

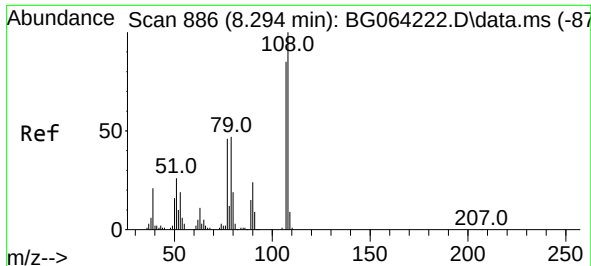
Tgt Ion: 79 Resp: 105090
Ion Ratio Lower Upper
79 100
108 72.5 57.4 86.0
77 62.1 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.652 ng
RT: 8.382 min Scan# 901
Delta R.T. 0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion: 45 Resp: 191858
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.0
79 6.5 0.0 27.9





#17

2-Methylphenol

Concen: 54.018 ng

RT: 8.300 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

Tgt Ion:107 Resp: 92537

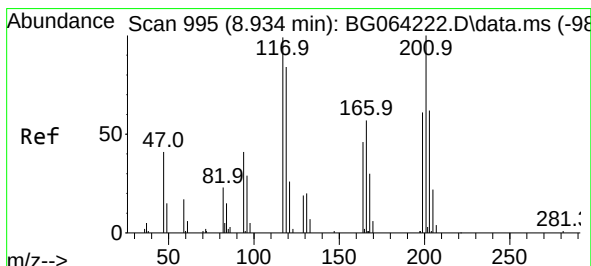
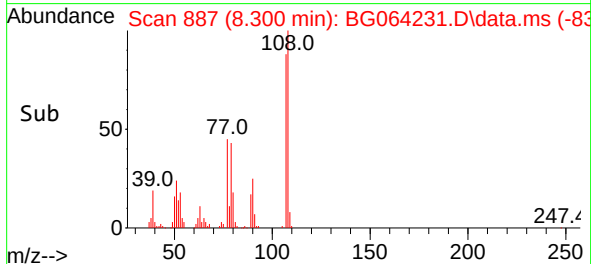
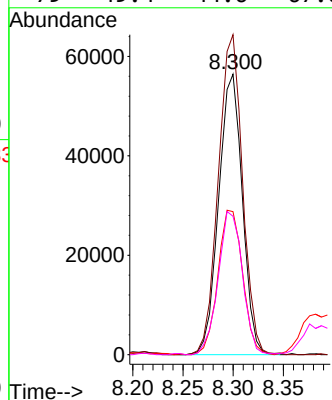
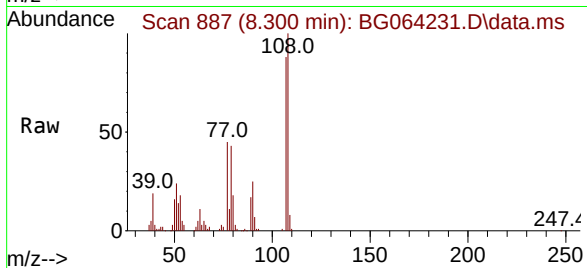
Ion Ratio Lower Upper

107 100

108 114.1 94.6 141.8

77 51.0 43.7 65.5

79 49.4 44.6 67.0



#18

Hexachloroethane

Concen: 50.401 ng

RT: 8.934 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

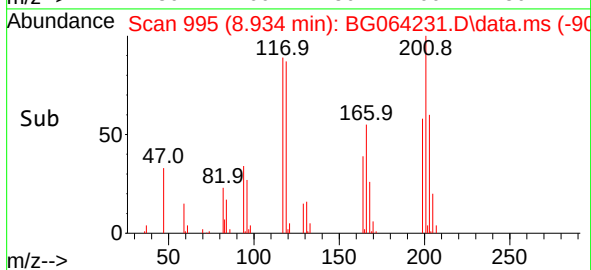
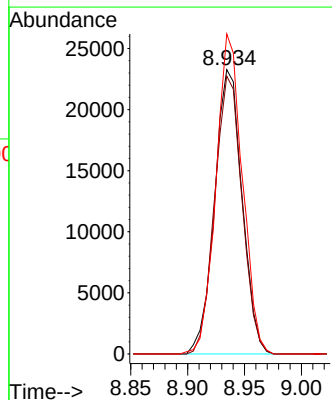
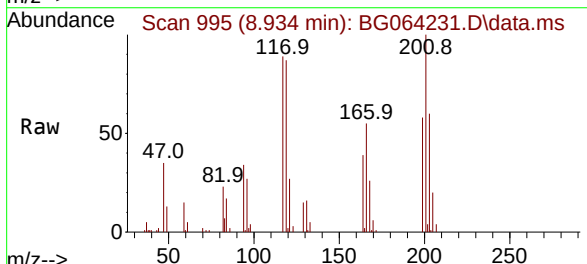
Tgt Ion:117 Resp: 39171

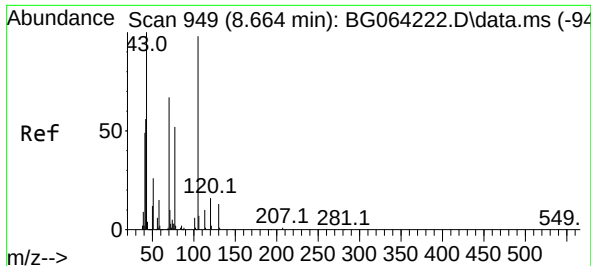
Ion Ratio Lower Upper

117 100

119 97.7 67.9 101.9

201 112.5 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 50.900 ng

RT: 8.658 min Scan# 949

Delta R.T. -0.006 min

Lab File: BG064231.D

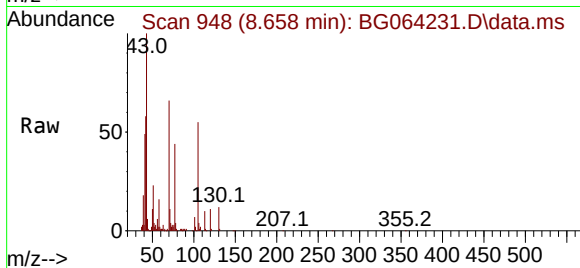
Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS



Tgt Ion: 70 Resp: 81215

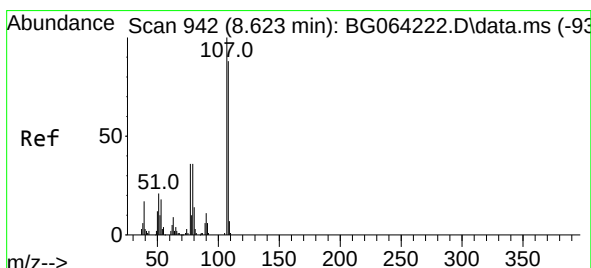
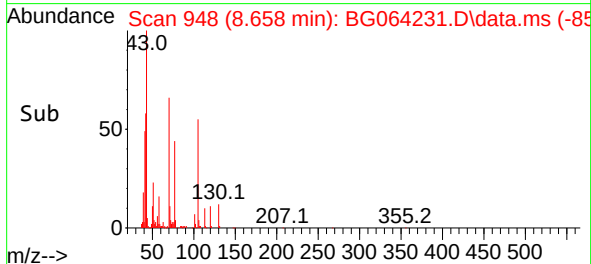
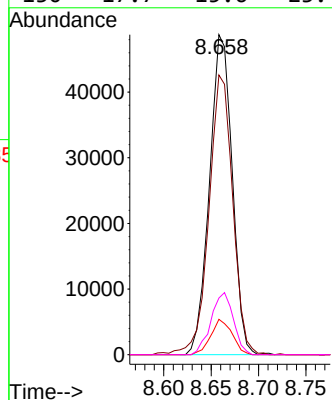
Ion Ratio Lower Upper

70 100

42 87.4 67.9 101.9

101 11.0 7.3 10.9#

130 17.7 15.6 23.4



#20

3+4-Methylphenols

Concen: 54.606 ng

RT: 8.623 min Scan# 942

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Tgt Ion: 107 Resp: 129980

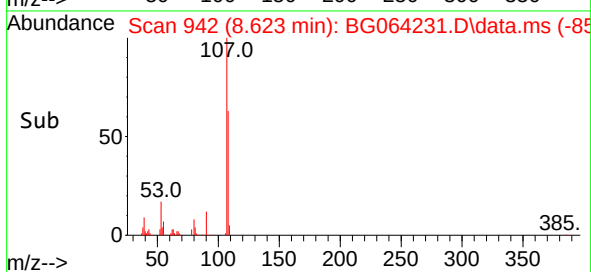
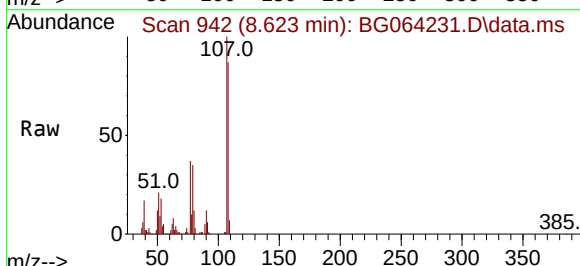
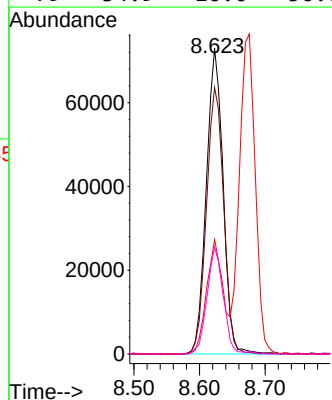
Ion Ratio Lower Upper

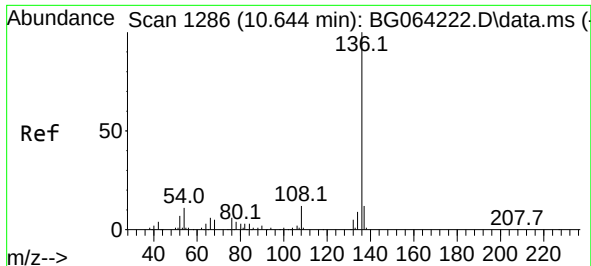
107 100

108 87.2 68.1 108.1

77 37.4 15.9 55.9

79 34.9 16.0 56.0

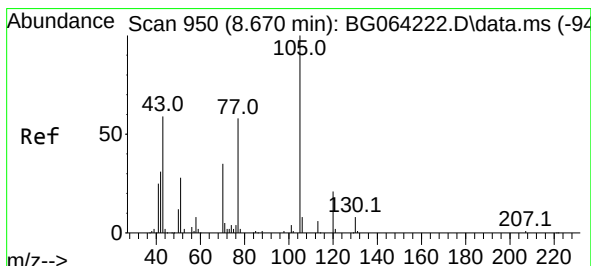
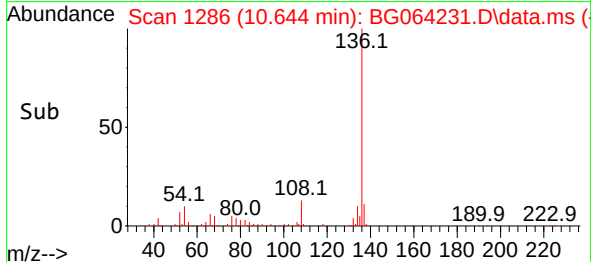
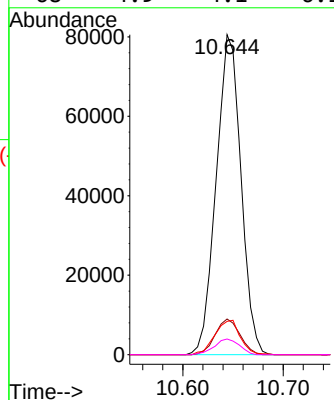
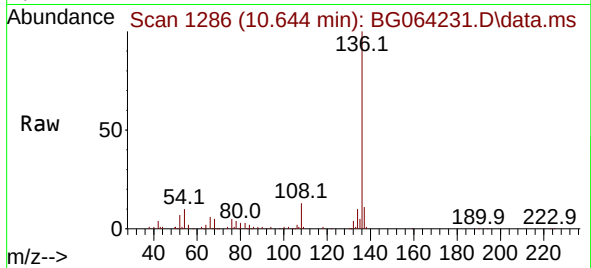




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

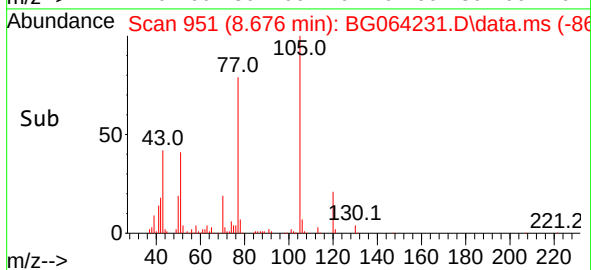
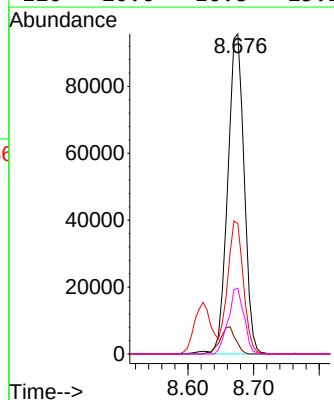
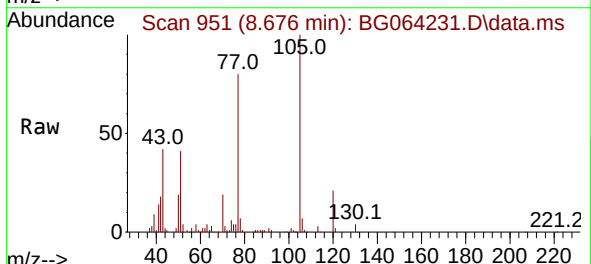
Instrument :
BNA_G
ClientSampleId :
PB169464BS

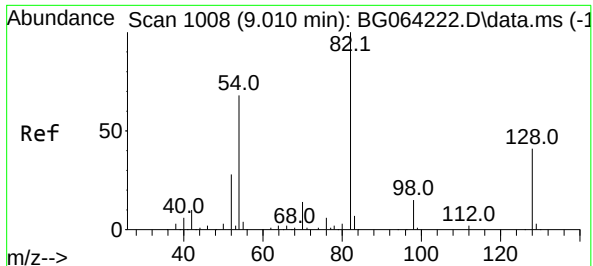
Tgt	Ion:136	Resp:	137840
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.4	8.8	13.2
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 47.724 ng
RT: 8.676 min Scan# 951
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt	Ion:105	Resp:	166425
Ion	Ratio	Lower	Upper
105	100		
71	3.4	4.3	6.5#
51	40.8	32.4	48.6
120	20.6	16.8	25.2





#23

Nitrobenzene-d5

Concen: 93.922 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

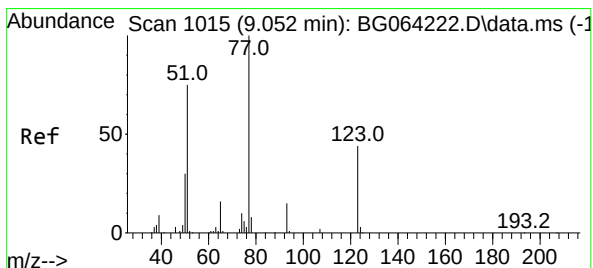
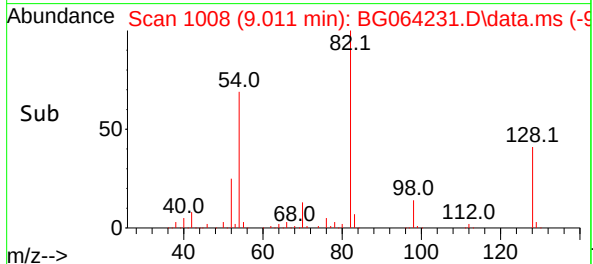
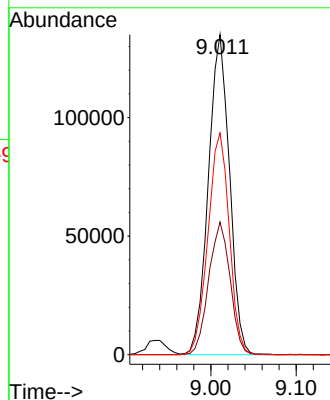
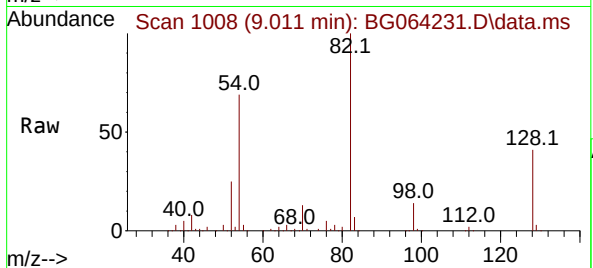
Tgt Ion: 82 Resp: 232133

Ion Ratio Lower Upper

82 100

128 41.4 32.6 48.8

54 69.3 54.7 82.1



#24

Nitrobenzene

Concen: 47.391 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

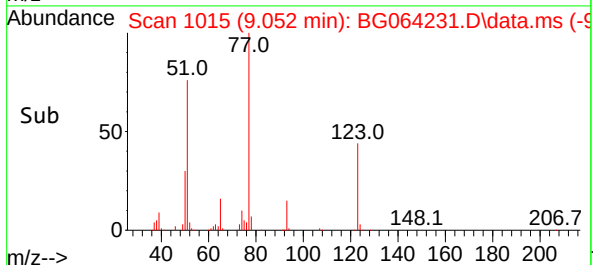
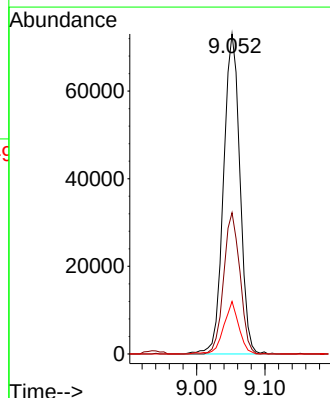
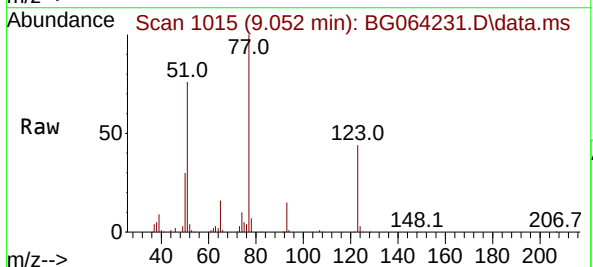
Tgt Ion: 77 Resp: 122378

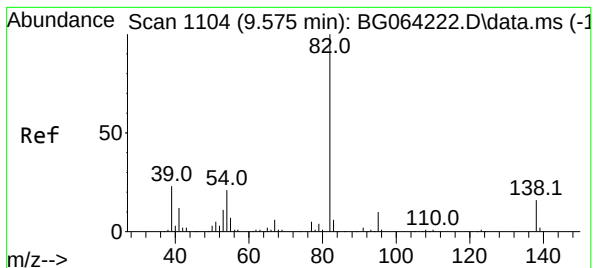
Ion Ratio Lower Upper

77 100

123 44.1 35.2 52.8

65 16.4 12.6 19.0





#25

Isophorone

Concen: 46.764 ng

RT: 9.575 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

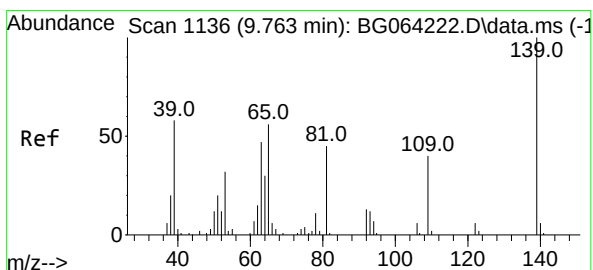
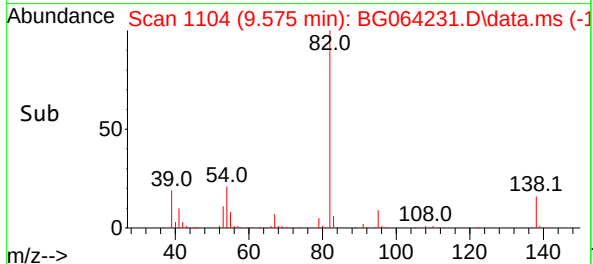
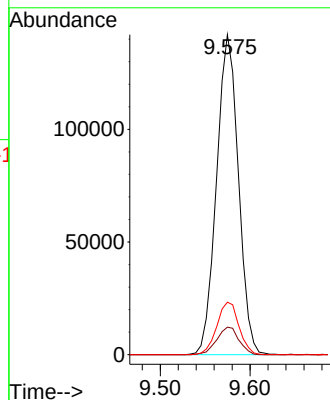
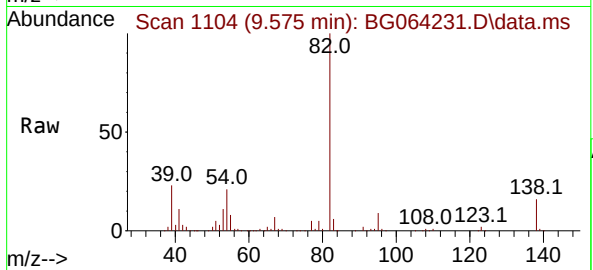
Tgt Ion: 82 Resp: 240210

Ion Ratio Lower Upper

82 100

95 8.6 7.9 11.9

138 16.4 13.0 19.4



#26

2-Nitrophenol

Concen: 49.541 ng

RT: 9.763 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

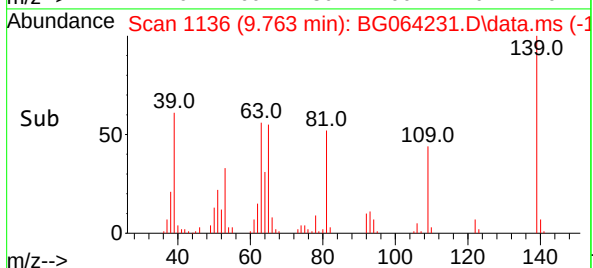
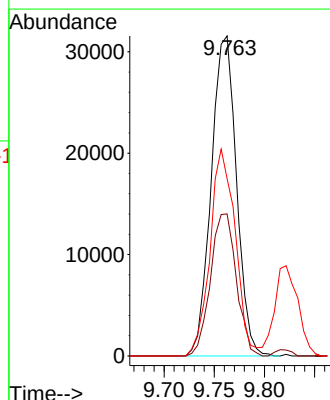
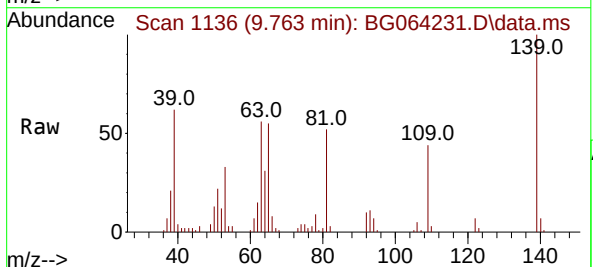
Tgt Ion:139 Resp: 55278

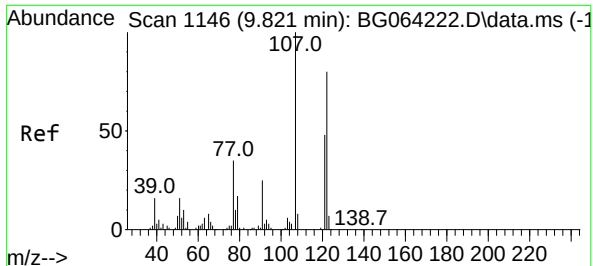
Ion Ratio Lower Upper

139 100

109 44.4 32.4 48.6

65 55.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 55.678 ng

RT: 9.822 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

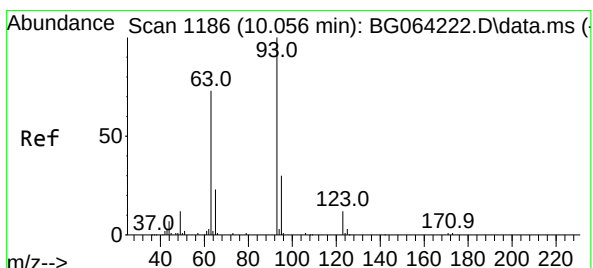
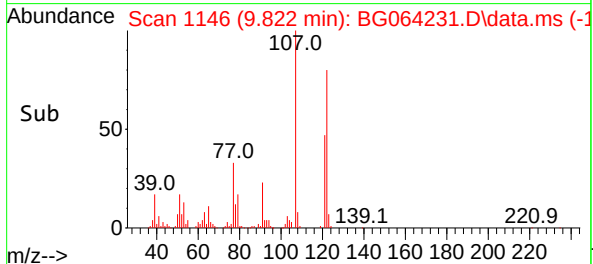
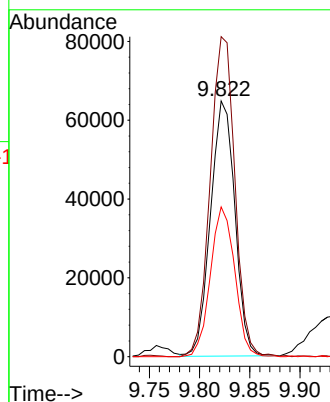
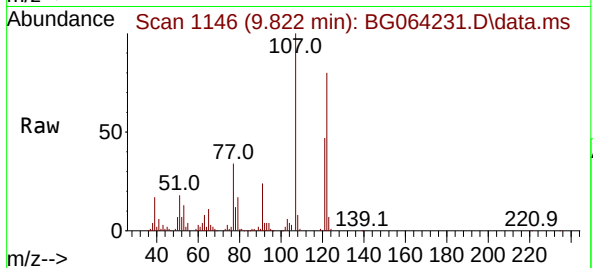
Tgt Ion:122 Resp: 109073

Ion Ratio Lower Upper

122 100

107 125.2 99.9 149.9

121 58.6 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.302 ng

RT: 10.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

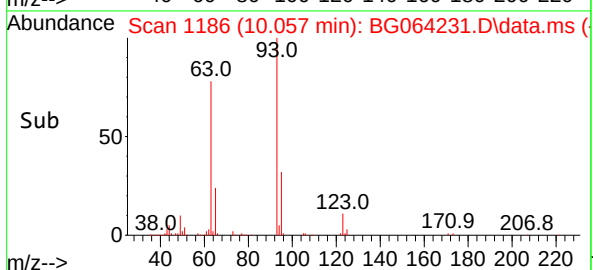
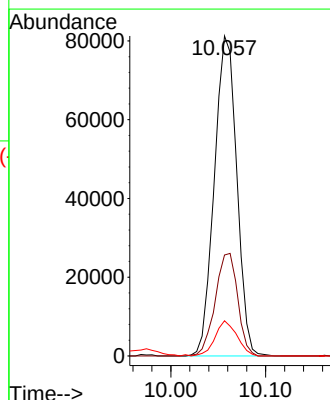
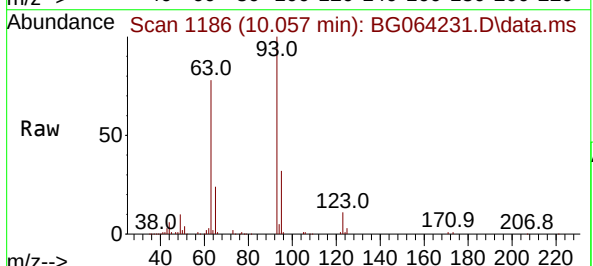
Tgt Ion: 93 Resp: 133784

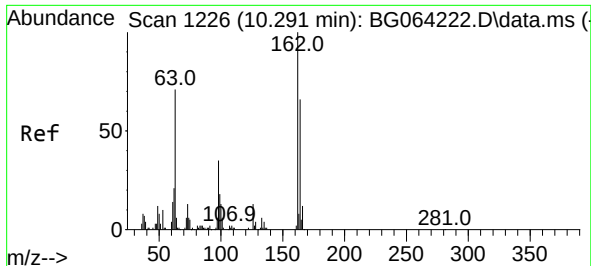
Ion Ratio Lower Upper

93 100

95 31.5 23.9 35.9

123 11.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 51.313 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

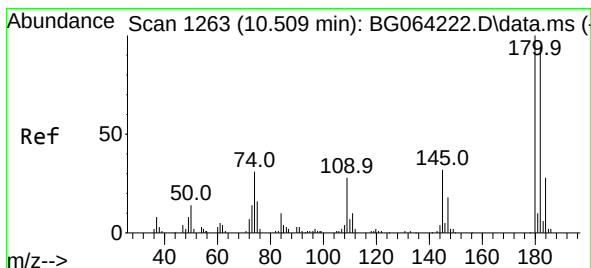
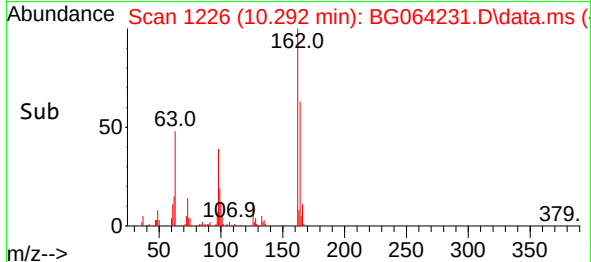
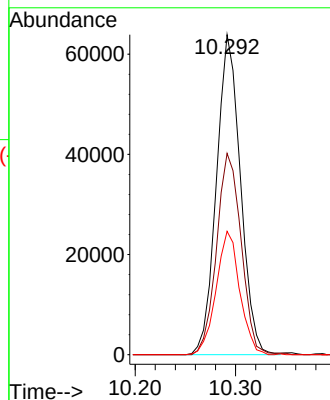
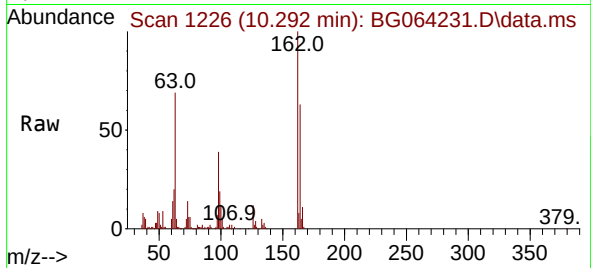
Tgt Ion:162 Resp: 106064

Ion Ratio Lower Upper

162 100

164 62.9 45.8 85.8

98 38.6 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 48.047 ng

RT: 10.509 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

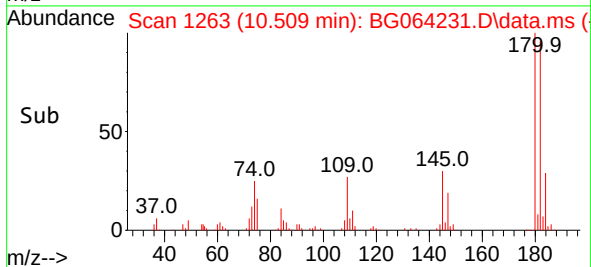
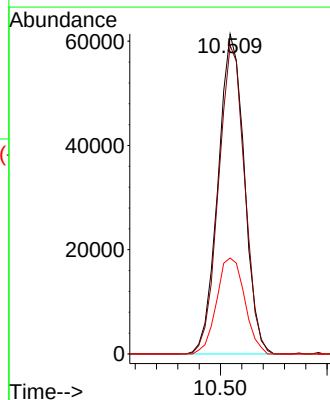
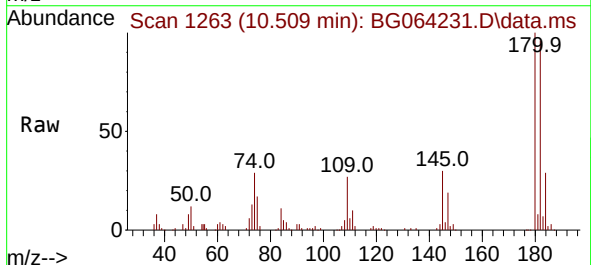
Tgt Ion:180 Resp: 104715

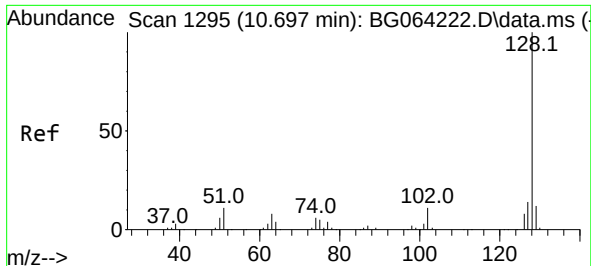
Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

145 30.0 25.4 38.0

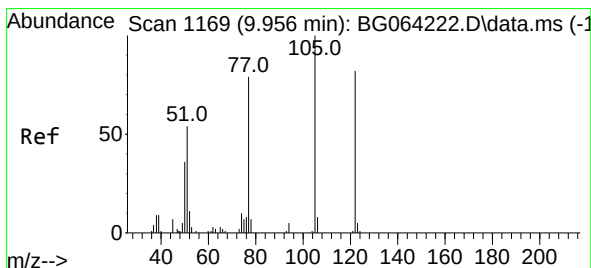
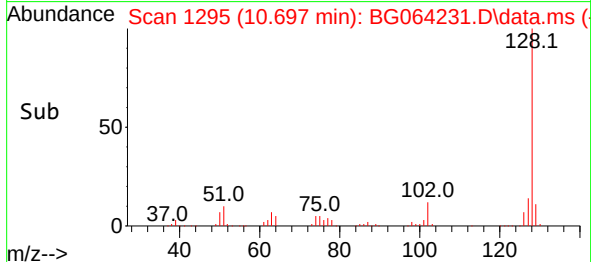
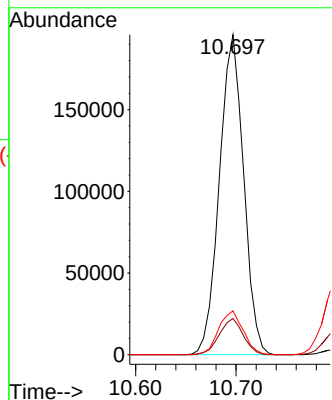
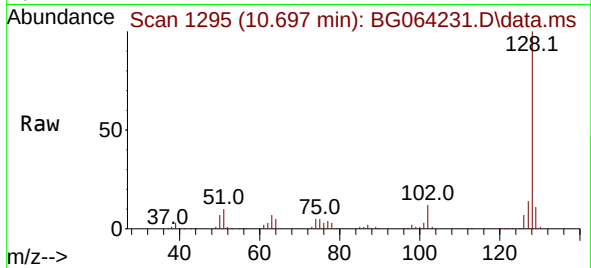




#31
Naphthalene
Concen: 45.913 ng
RT: 10.697 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

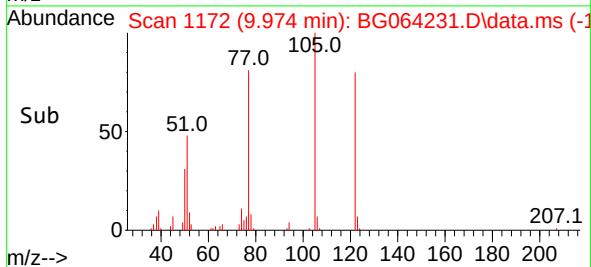
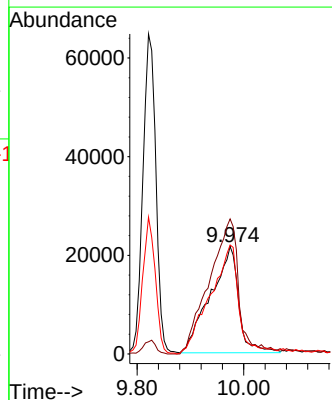
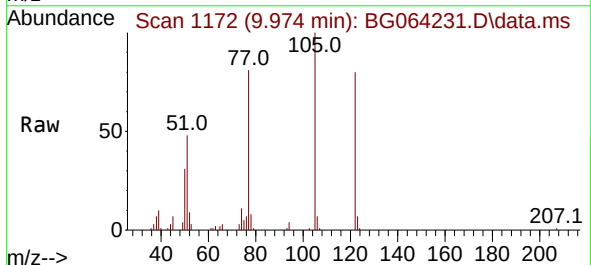
Instrument :
BNA_G
ClientSampleId :
PB169464BS

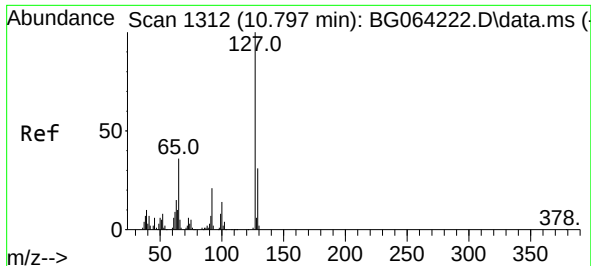
Tgt Ion:128 Resp: 328172
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 50.784 ng
RT: 9.974 min Scan# 1172
Delta R.T. -0.041 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:122 Resp: 78972
Ion Ratio Lower Upper
122 100
105 125.6 98.5 138.5
77 101.3 74.6 114.6

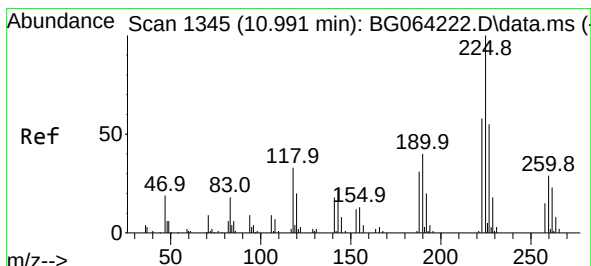
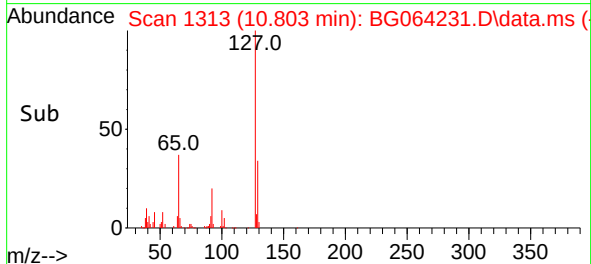
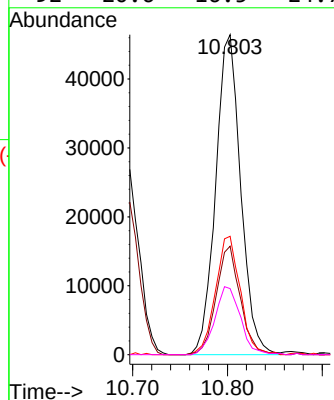
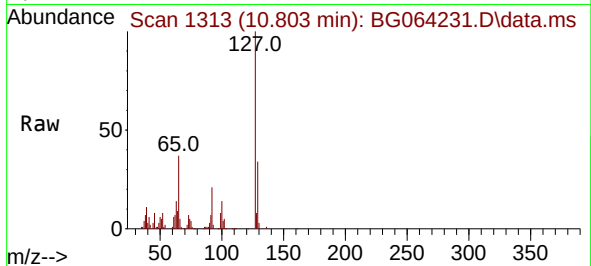




#33
4-Chloroaniline
Concen: 30.734 ng
RT: 10.803 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

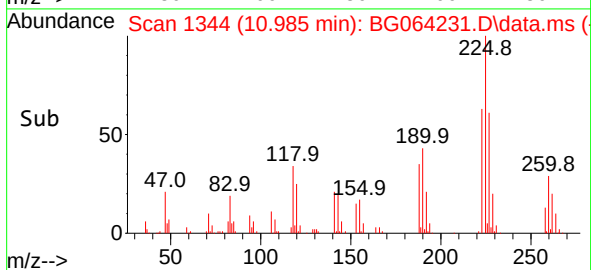
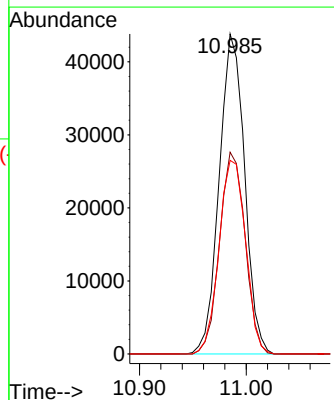
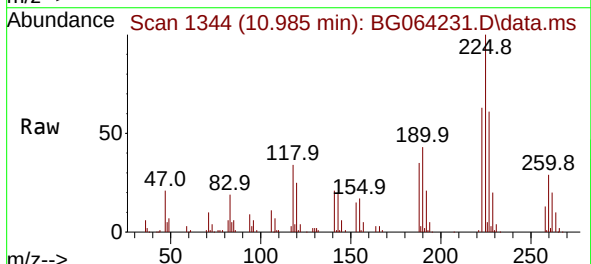
Instrument :
BNA_G
ClientSampleId :
PB169464BS

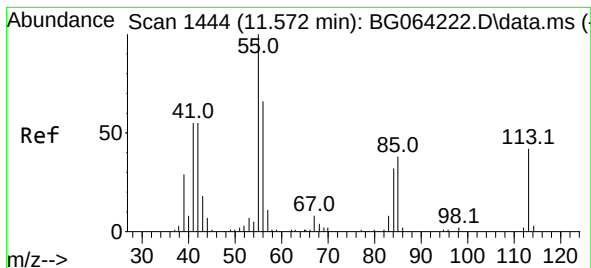
Tgt Ion:127	Resp:	85144
Ion Ratio	Lower	Upper
127	100	
129	33.9	25.0 37.4
65	37.0	28.7 43.1
92	20.6	16.5 24.7



#34
Hexachlorobutadiene
Concen: 44.950 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:225	Resp:	72415
Ion Ratio	Lower	Upper
225	100	
223	63.1	46.5 69.7
227	60.5	44.1 66.1

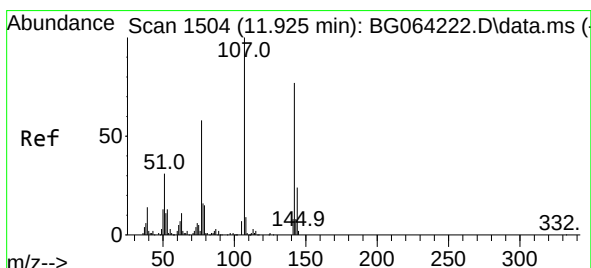
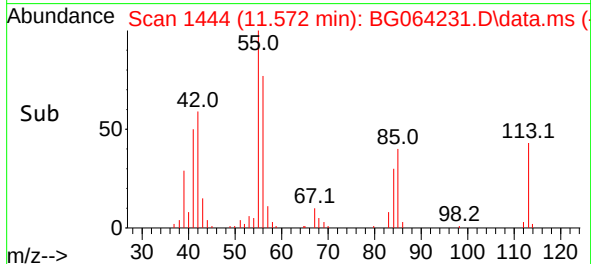
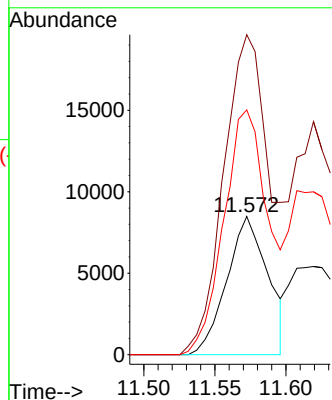
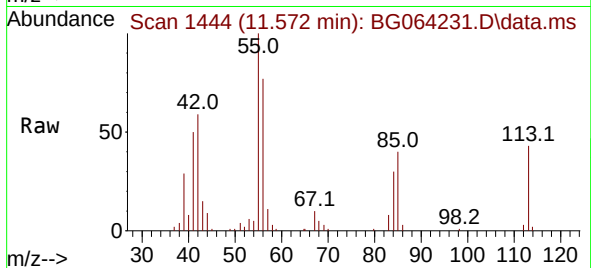




#35
 Caprolactam
 Concen: 21.284 ng
 RT: 11.572 min Scan# 1444
 Delta R.T. -0.029 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

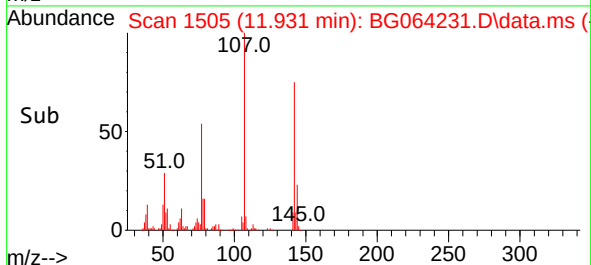
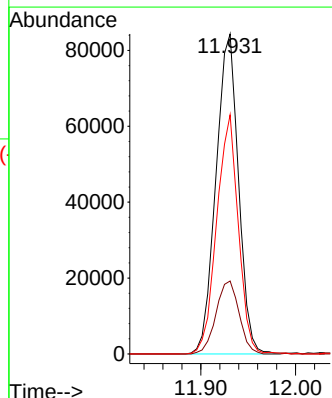
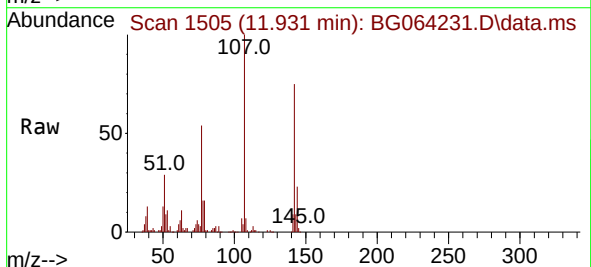
Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

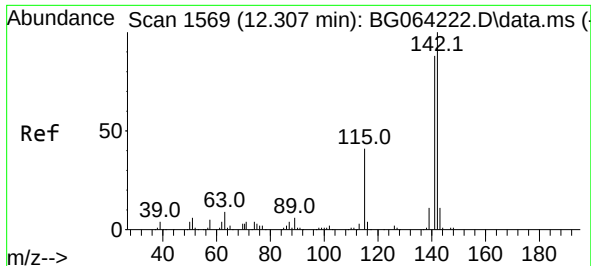
Tgt Ion:113 Resp: 17035
 Ion Ratio Lower Upper
 113 100
 55 231.6 218.5 258.5
 56 177.2 138.5 178.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.949 ng
 RT: 11.931 min Scan# 1505
 Delta R.T. -0.000 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion:107 Resp: 139319
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.5 29.3
 142 74.7 62.0 93.0

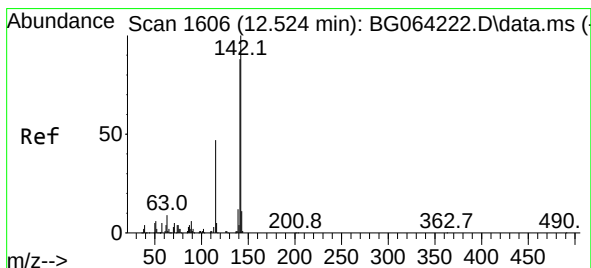
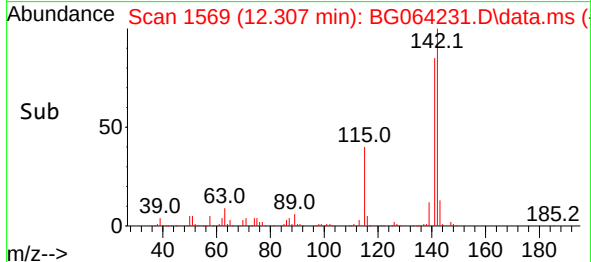
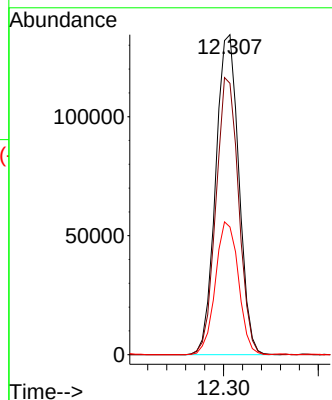
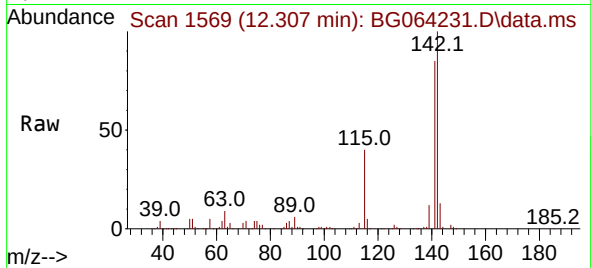




#37
2-Methylnaphthalene
Concen: 42.968 ng
RT: 12.307 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

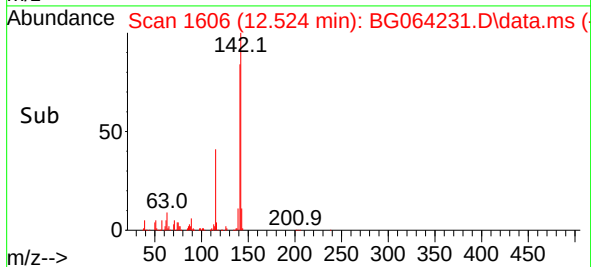
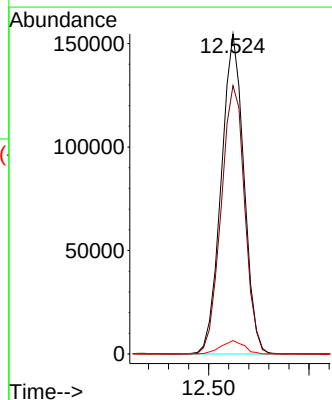
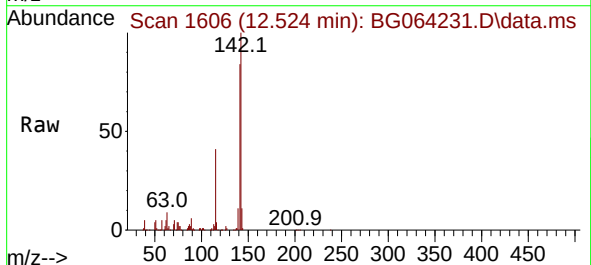
Instrument :
BNA_G
ClientSampleId :
PB169464BS

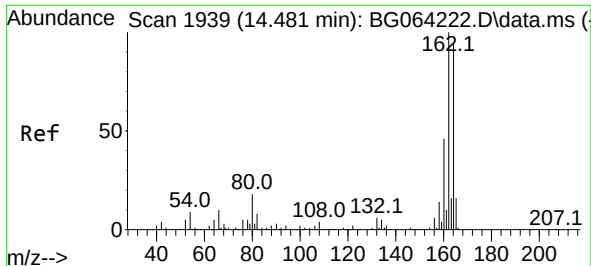
Tgt Ion:142 Resp: 228285
Ion Ratio Lower Upper
142 100
141 84.8 70.1 105.1
115 39.9 33.1 49.7



#38
1-Methylnaphthalene
Concen: 46.137 ng
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:142 Resp: 242115
Ion Ratio Lower Upper
142 100
141 83.9 70.3 105.5
116 4.2 3.7 5.5

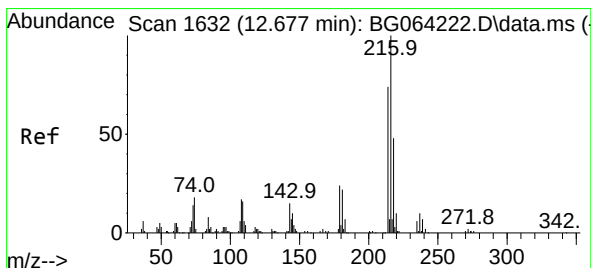
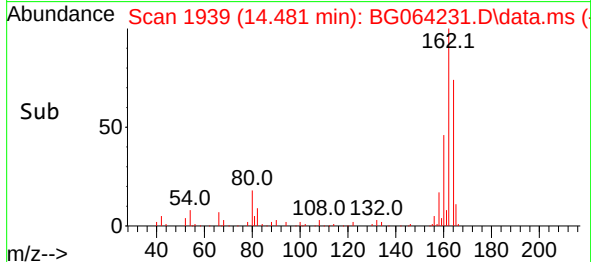
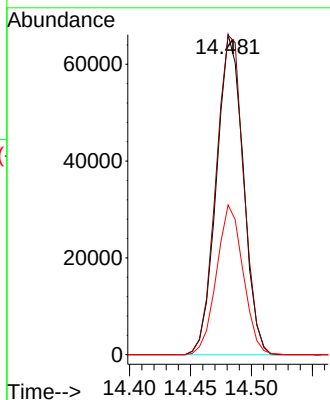
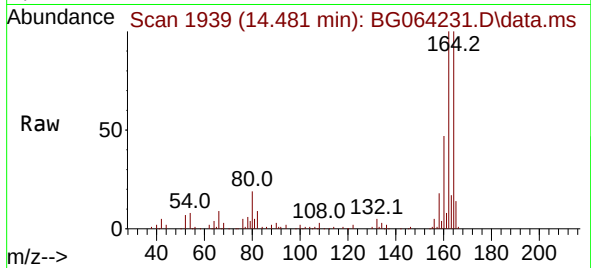




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

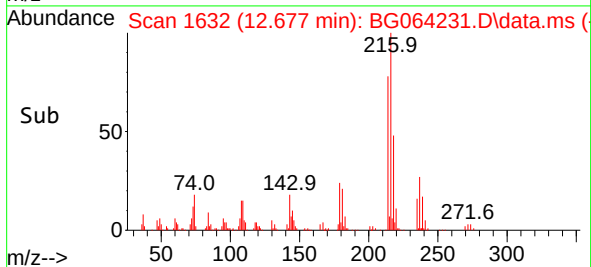
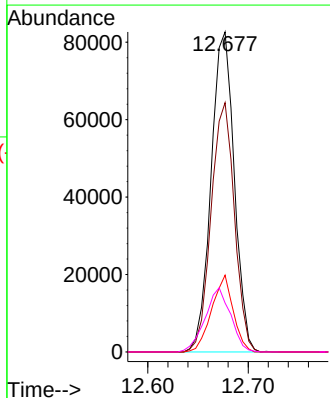
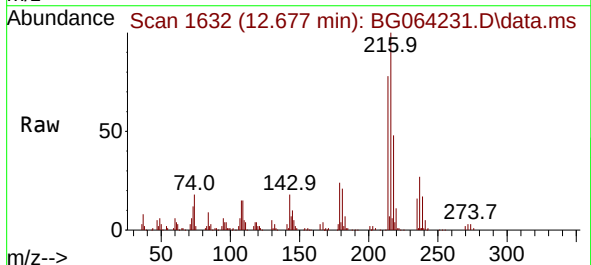
Instrument :
BNA_G
ClientSampleId :
PB169464BS

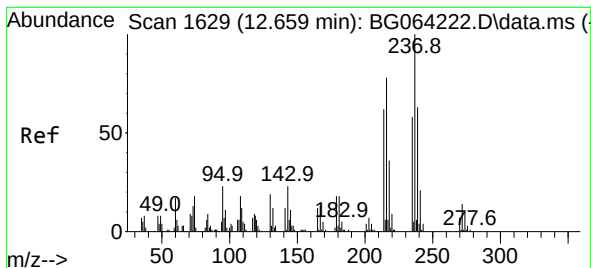
Tgt Ion:164 Resp: 100988
Ion Ratio Lower Upper
164 100
162 99.9 85.4 128.0
160 46.8 39.2 58.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.463 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:216 Resp: 132472
Ion Ratio Lower Upper
216 100
214 78.2 61.9 92.9
179 22.4 17.9 26.9
108 22.1 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 126.622 ng

RT: 12.659 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

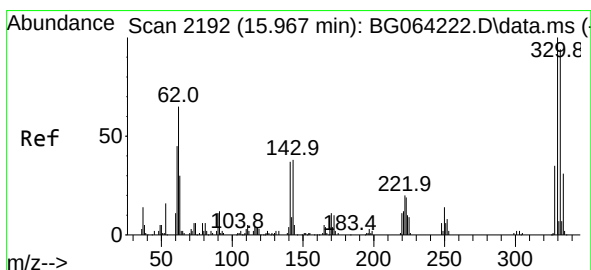
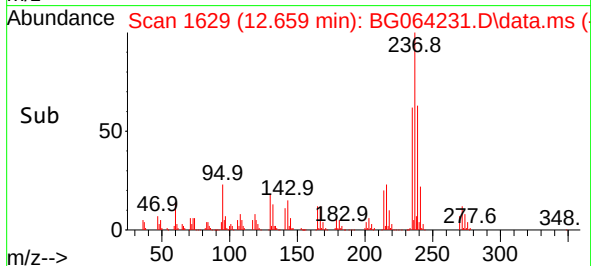
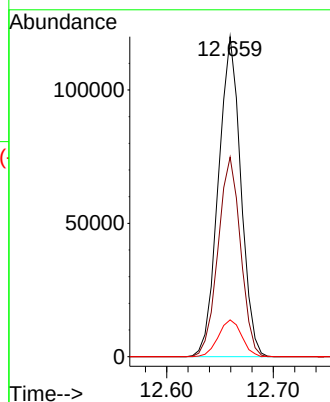
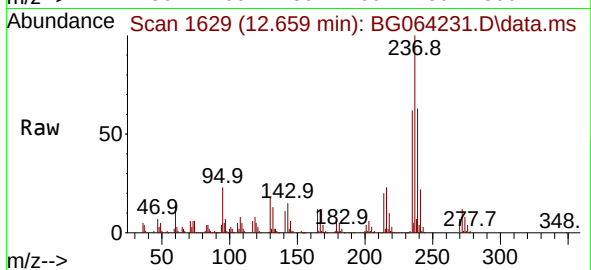
Tgt Ion:237 Resp: 175351

Ion Ratio Lower Upper

237 100

235 62.3 37.9 77.9

272 11.5 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 138.670 ng

RT: 15.967 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

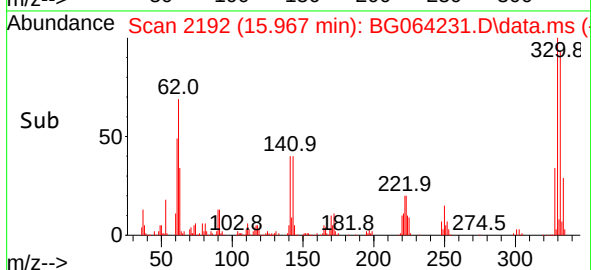
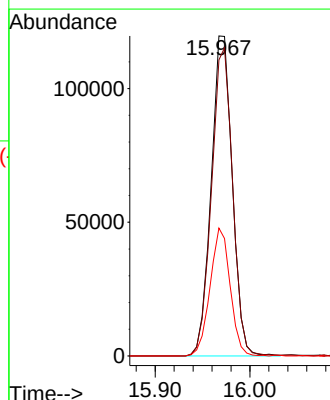
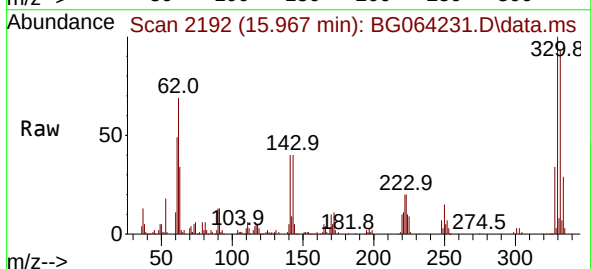
Tgt Ion:330 Resp: 185489

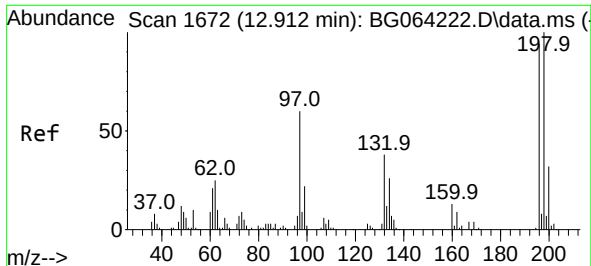
Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 38.0 29.8 44.6

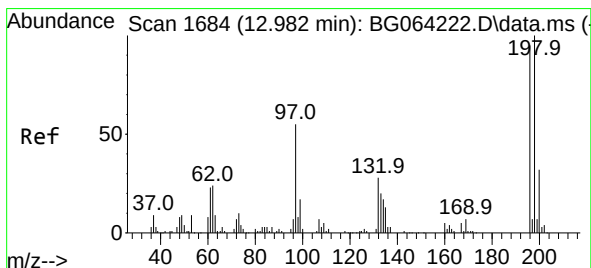
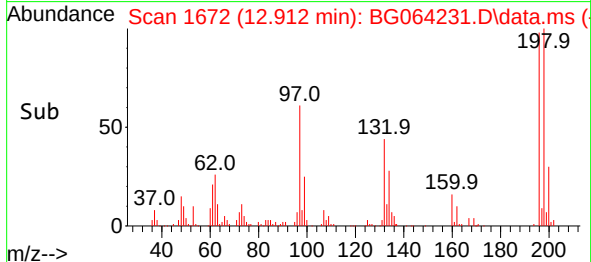
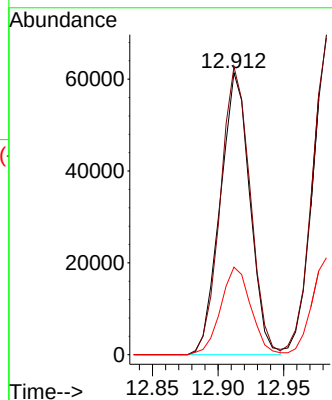
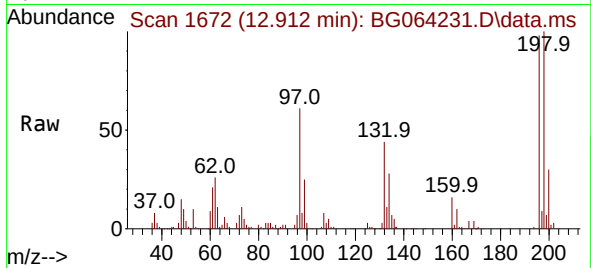




#43
 2,4,6-Trichlorophenol
 Concen: 49.537 ng
 RT: 12.912 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

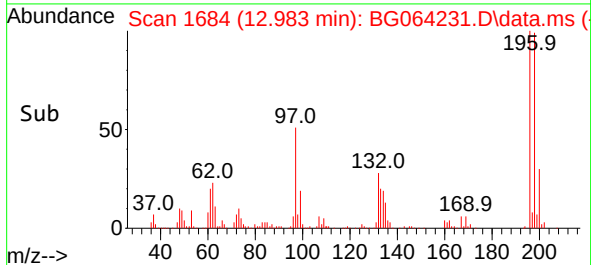
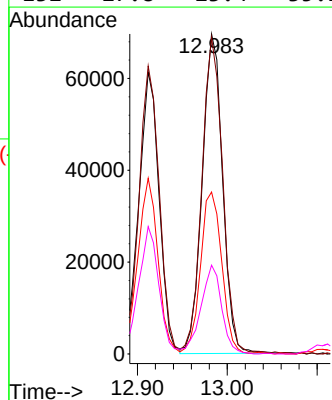
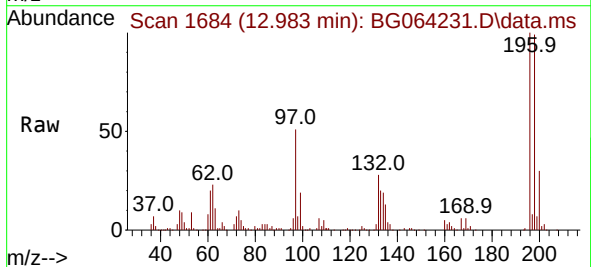
Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

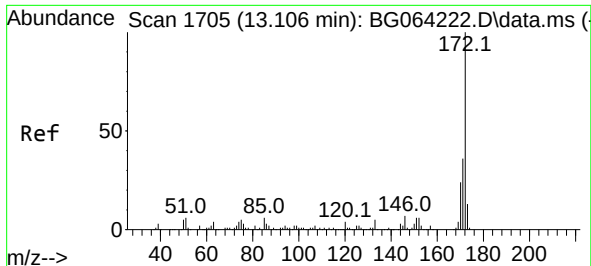
Tgt Ion:196 Resp: 96477
 Ion Ratio Lower Upper
 196 100
 198 102.2 85.4 128.2
 200 31.1 27.3 40.9



#44
 2,4,5-Trichlorophenol
 Concen: 51.925 ng
 RT: 12.983 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion:196 Resp: 109699
 Ion Ratio Lower Upper
 196 100
 198 99.0 84.5 126.7
 97 50.6 46.8 70.2
 132 27.8 23.4 35.2

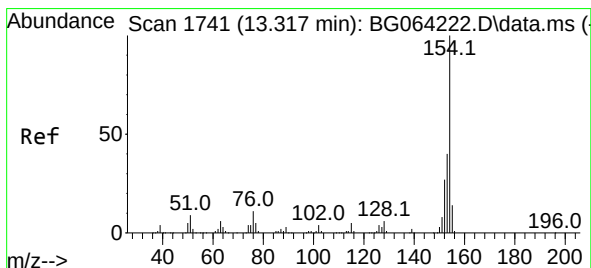
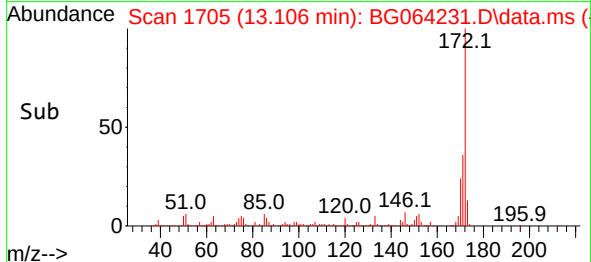
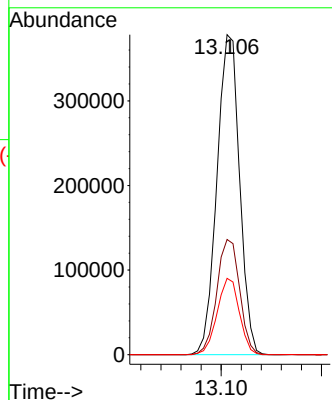
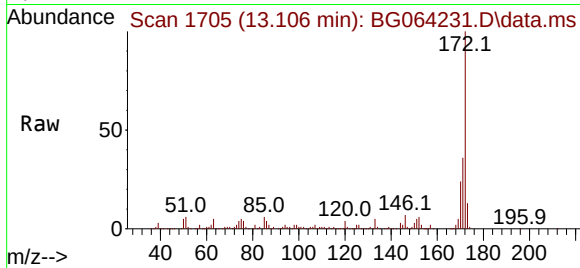




#45
2-Fluorobiphenyl
Concen: 89.466 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

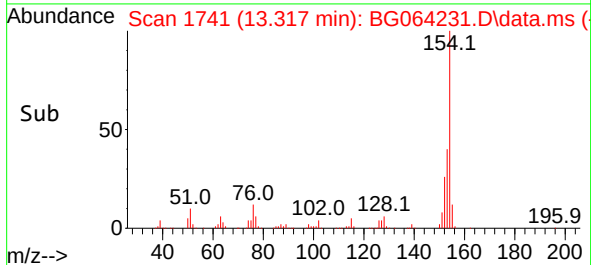
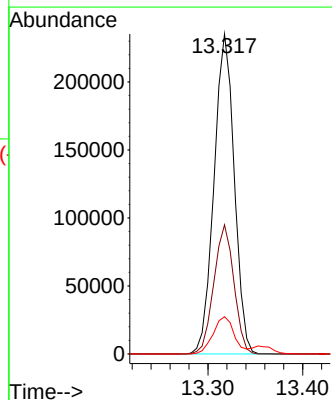
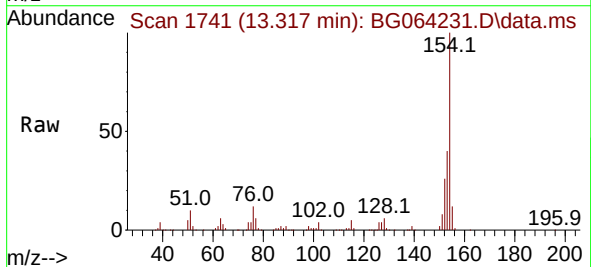
Instrument :
BNA_G
ClientSampleId :
PB169464BS

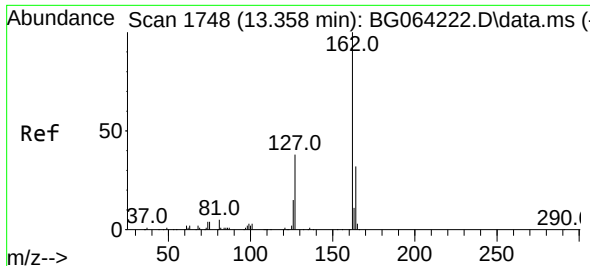
Tgt Ion:172 Resp: 591931
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.407 ng
RT: 13.317 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:154 Resp: 348699
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 11.7 0.0 30.9

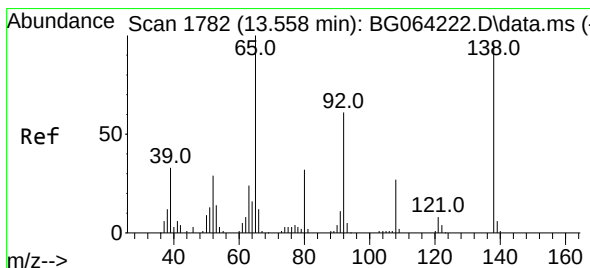
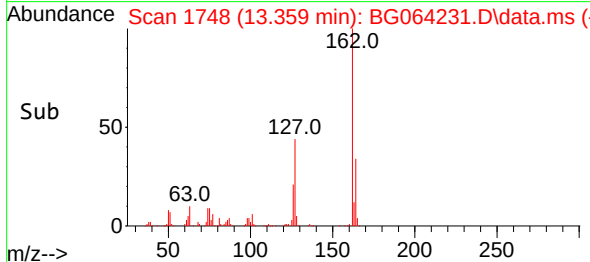
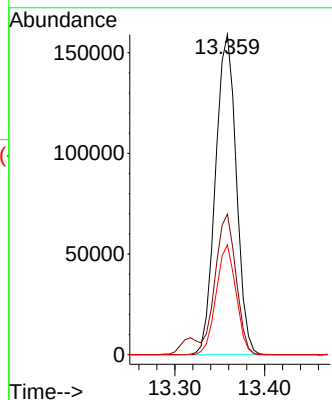
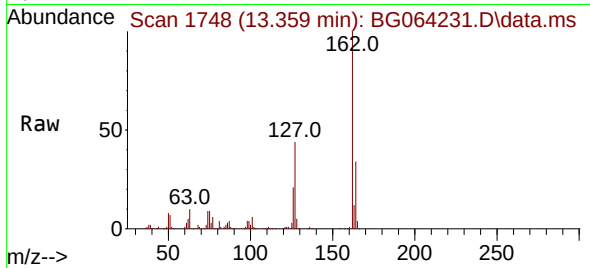




#47
2-Chloronaphthalene
Concen: 46.308 ng
RT: 13.359 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

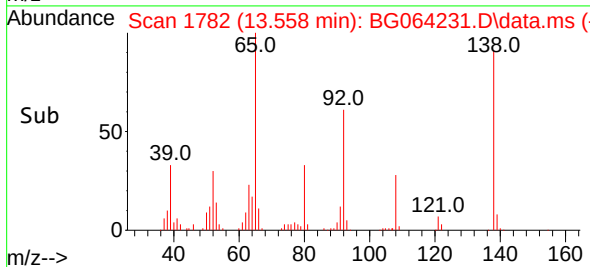
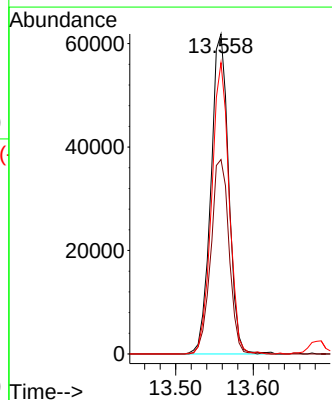
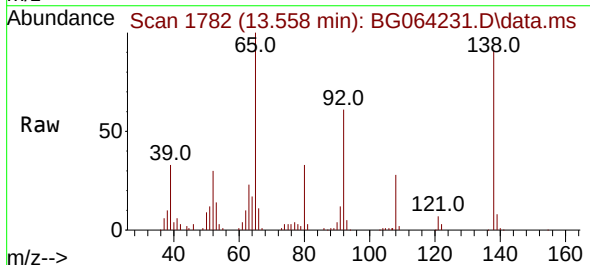
Instrument :
BNA_G
ClientSampleId :
PB169464BS

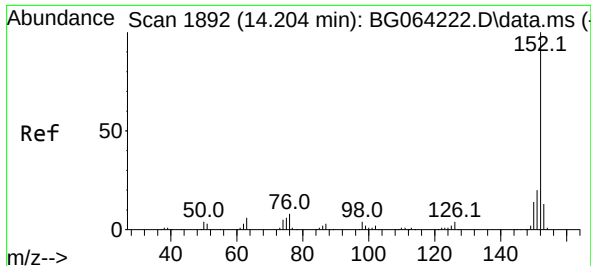
Tgt Ion:162 Resp: 256074
Ion Ratio Lower Upper
162 100
127 44.0 33.9 50.9
164 34.4 25.4 38.2



#48
2-Nitroaniline
Concen: 52.369 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion: 65 Resp: 98702
Ion Ratio Lower Upper
65 100
92 60.8 49.2 73.8
138 91.0 76.8 115.2

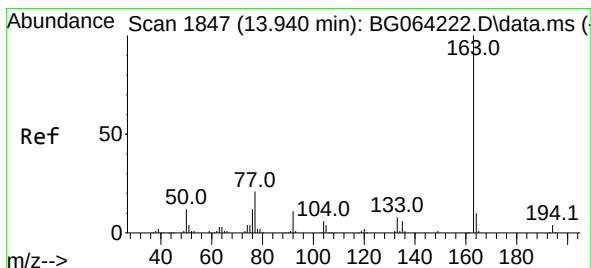
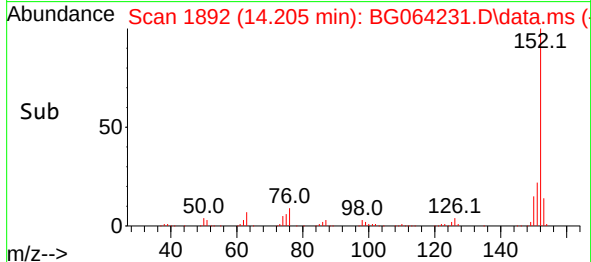
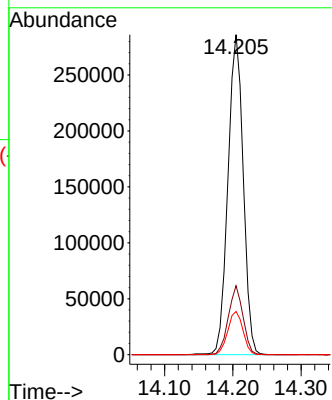
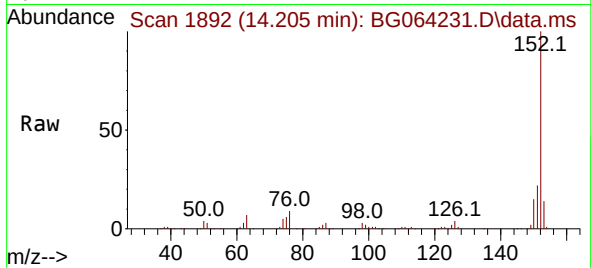




#49
Acenaphthylene
Concen: 54.499 ng
RT: 14.205 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

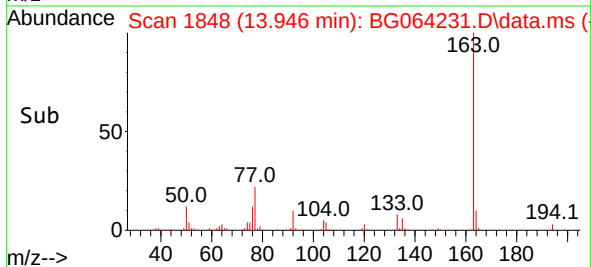
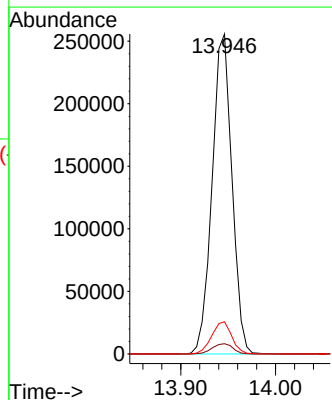
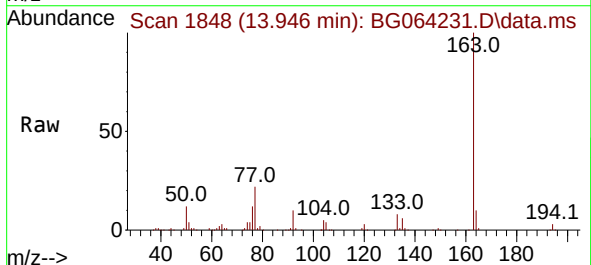
Instrument :
BNA_G
ClientSampleId :
PB169464BS

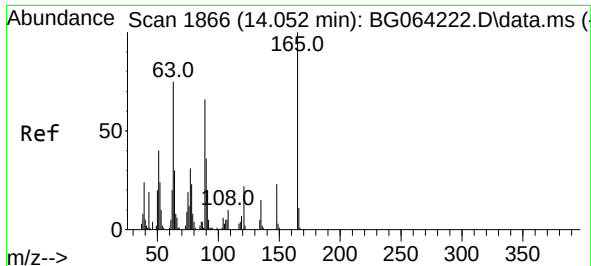
Tgt Ion:152 Resp: 445490
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 13.5 10.1 15.1



#50
Dimethylphthalate
Concen: 48.672 ng
RT: 13.946 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:163 Resp: 372047
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.0 7.9 11.9

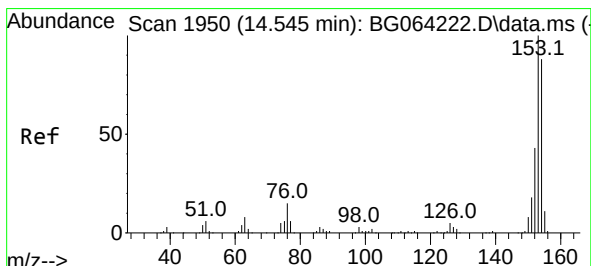
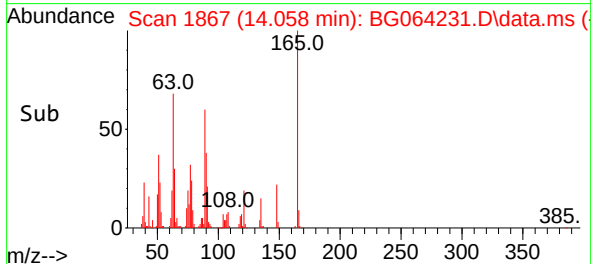
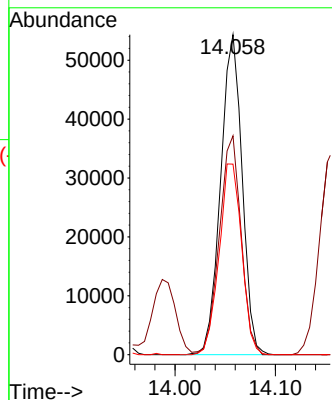
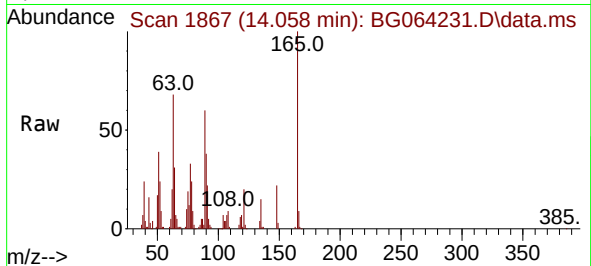




#51
2,6-Dinitrotoluene
Concen: 54.583 ng
RT: 14.058 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

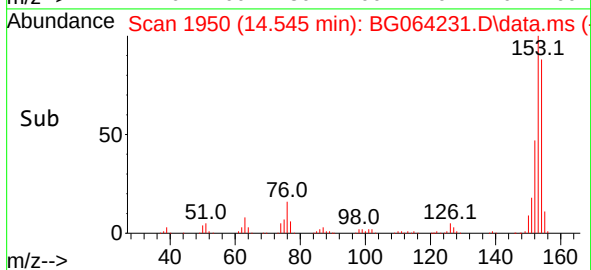
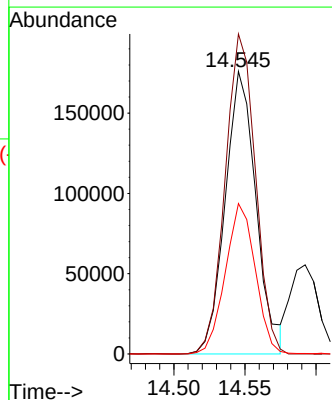
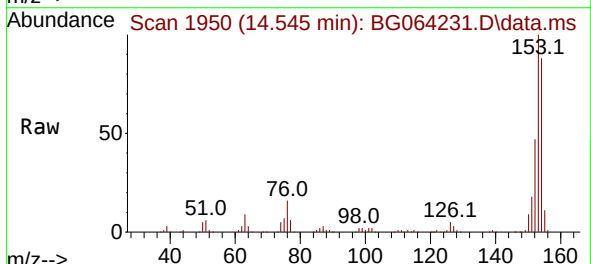
Instrument :
BNA_G
ClientSampleId :
PB169464BS

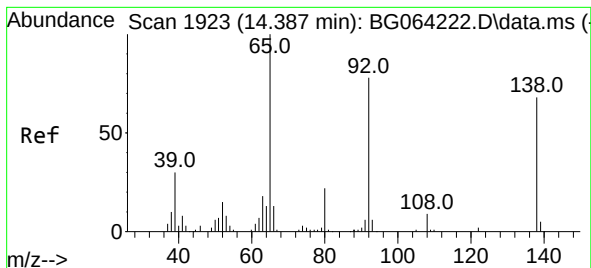
Tgt Ion:165 Resp: 80773
Ion Ratio Lower Upper
165 100
63 68.4 60.3 90.5
89 59.6 52.9 79.3



#52
Acenaphthene
Concen: 46.161 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:154 Resp: 266287
Ion Ratio Lower Upper
154 100
153 113.3 91.1 136.7
152 53.3 39.6 59.4





#53

3-Nitroaniline

Concen: 37.403 ng

RT: 14.381 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

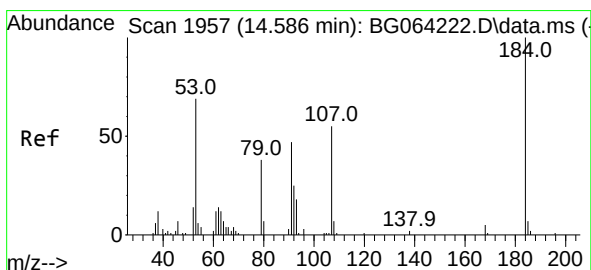
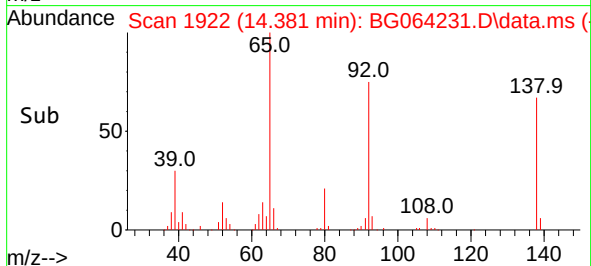
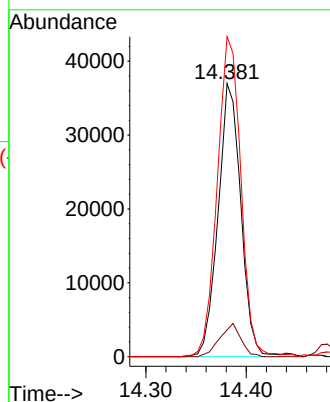
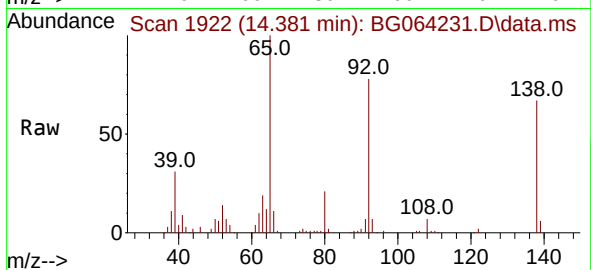
Tgt Ion:138 Resp: 57979

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

92 117.2 91.4 137.0



#54

2,4-Dinitrophenol

Concen: 102.756 ng

RT: 14.592 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

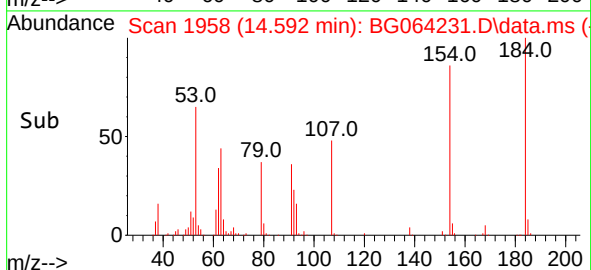
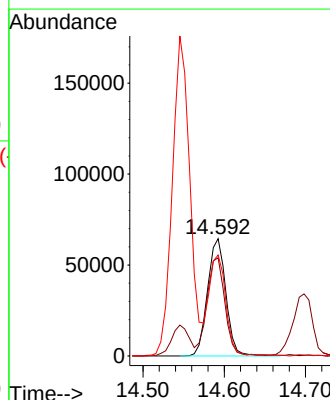
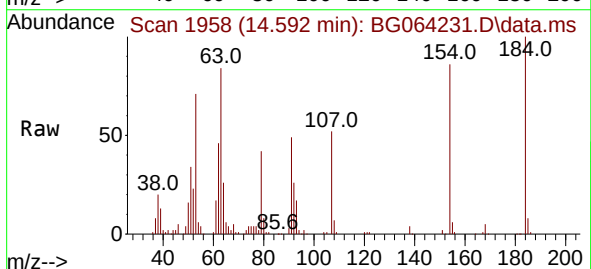
Tgt Ion:184 Resp: 101021

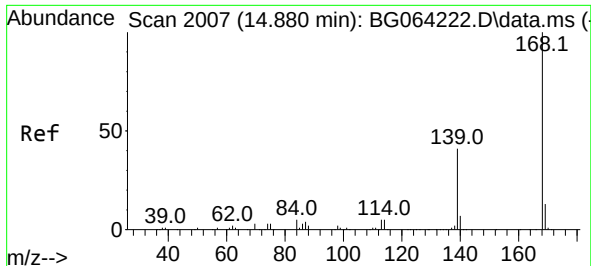
Ion Ratio Lower Upper

184 100

63 83.7 60.1 90.1

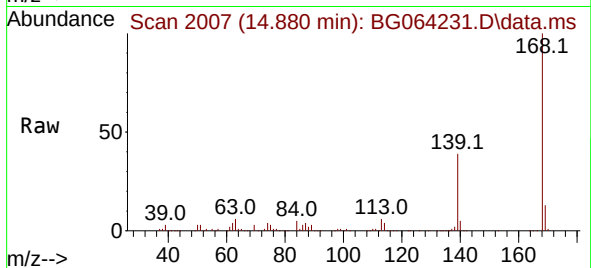
154 86.0 59.8 89.8



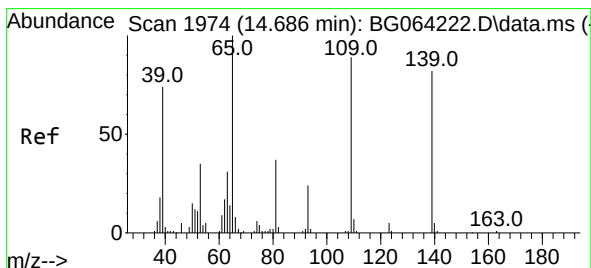
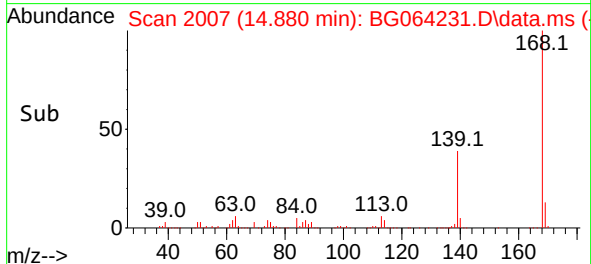
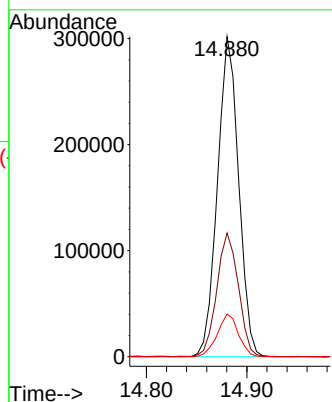


#55
Dibenzofuran
Concen: 48.682 ng
RT: 14.880 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Instrument :
BNA_G
ClientSampleId :
PB169464BS

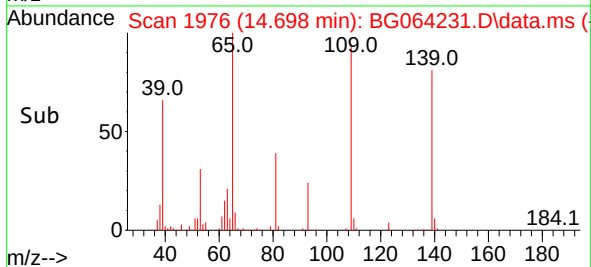
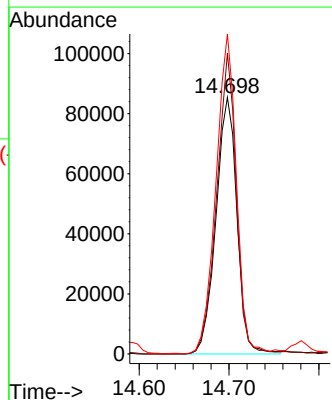
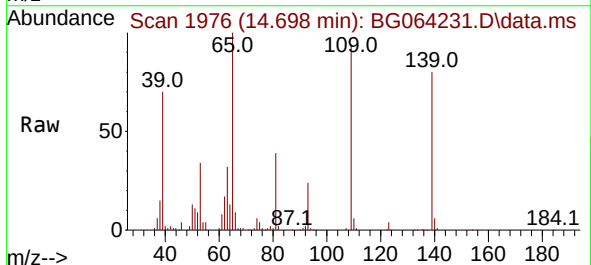


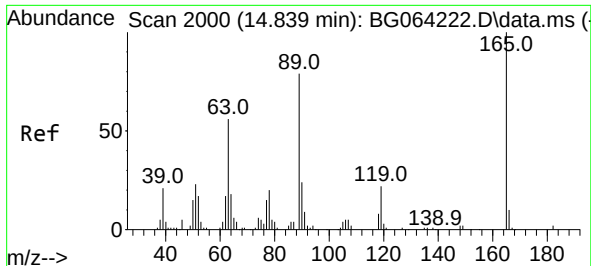
Tgt Ion:168 Resp: 441724
Ion Ratio Lower Upper
168 100
139 38.7 33.2 49.8
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 109.192 ng
RT: 14.698 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:139 Resp: 138842
Ion Ratio Lower Upper
139 100
109 117.3 89.1 129.1
65 124.8 102.9 142.9

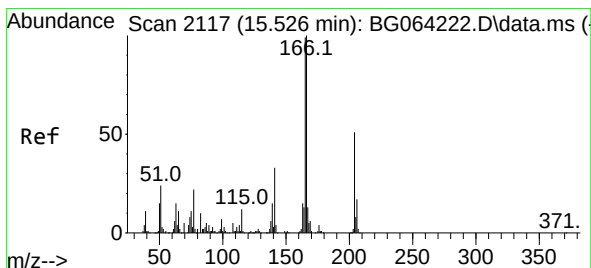
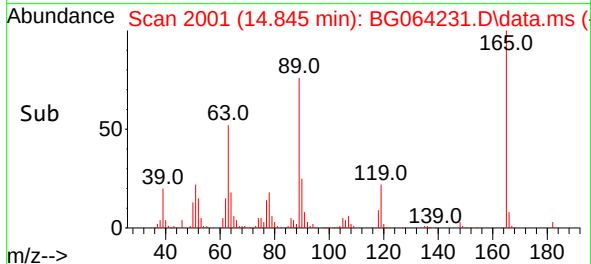
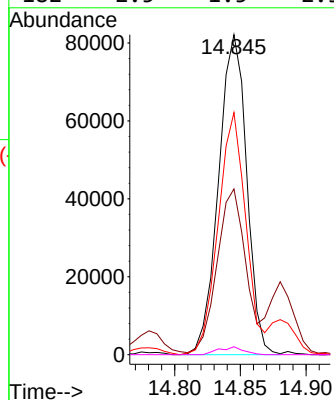
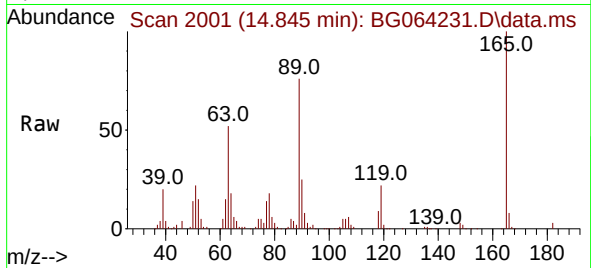




#57
2,4-Dinitrotoluene
Concen: 54.663 ng
RT: 14.845 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

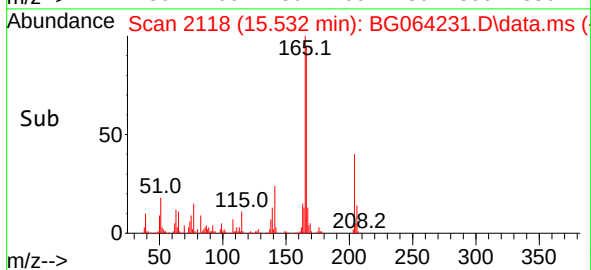
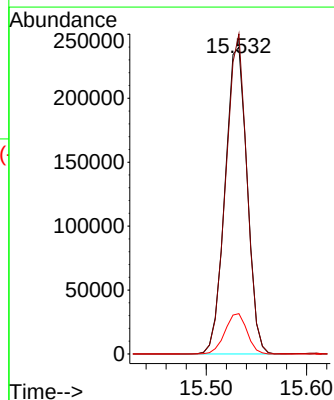
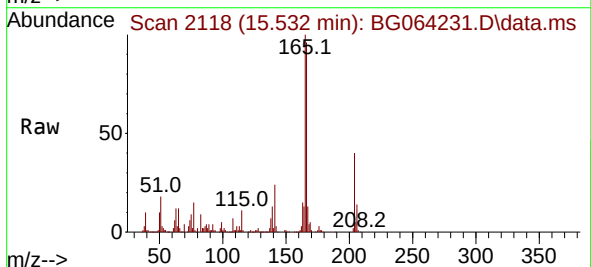
Instrument :
BNA_G
ClientSampleId :
PB169464BS

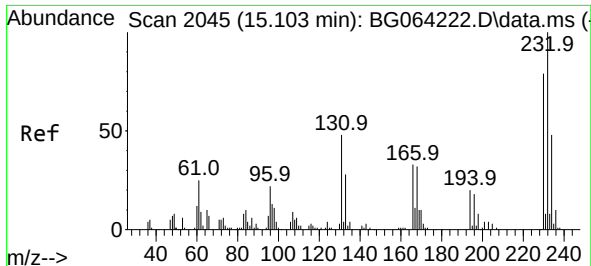
Tgt Ion:165 Resp: 122309
Ion Ratio Lower Upper
165 100
63 51.8 44.6 67.0
89 75.6 63.0 94.4
182 2.5 1.5 2.3#



#58
Fluorene
Concen: 49.140 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:166 Resp: 365454
Ion Ratio Lower Upper
166 100
165 104.3 79.1 118.7
167 13.1 10.2 15.4

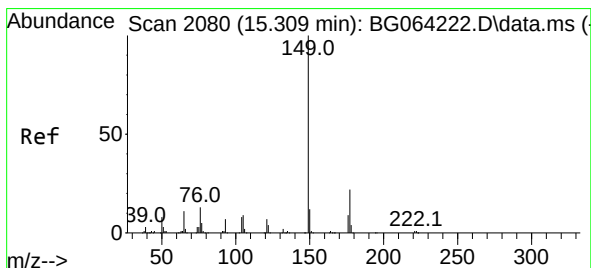
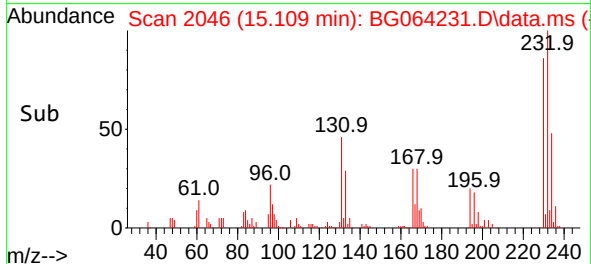
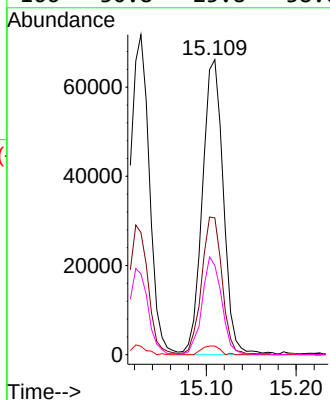
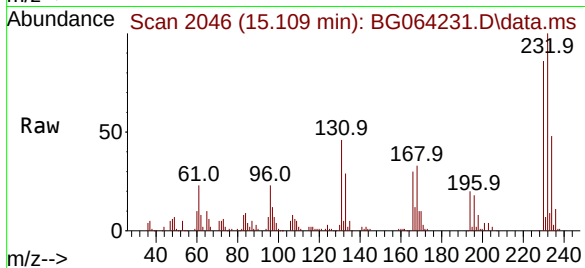




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.793 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

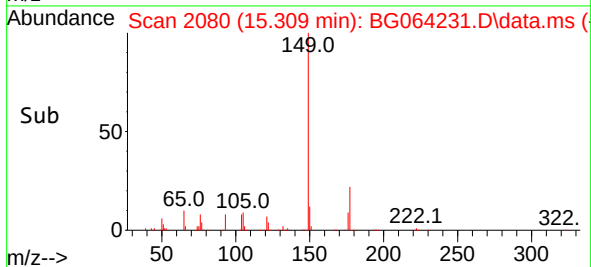
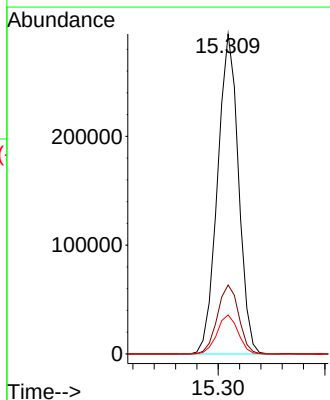
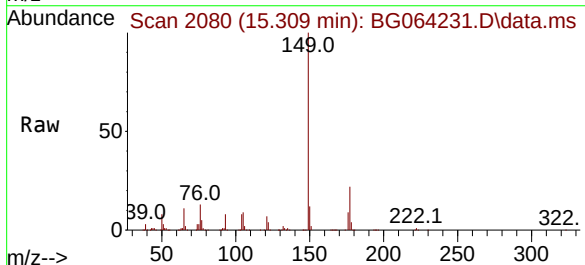
Instrument :
BNA_G
ClientSampleId :
PB169464BS

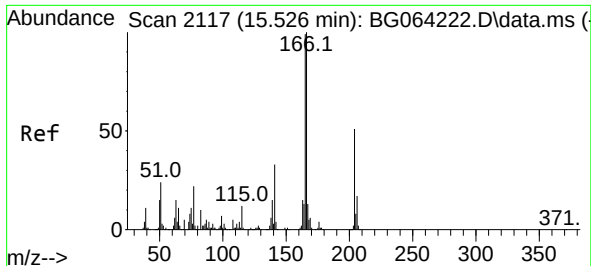
Tgt Ion:232 Resp: 107273
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.6 2.6 3.8
166 30.8 25.8 38.6



#60
Diethylphthalate
Concen: 48.959 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:149 Resp: 400516
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.2 9.9 14.9

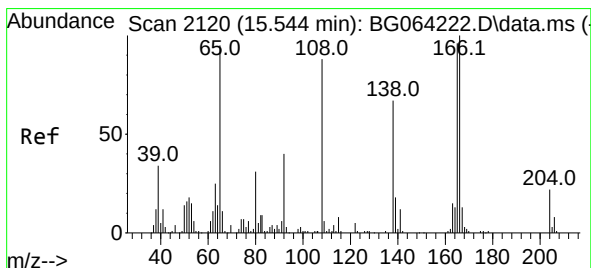
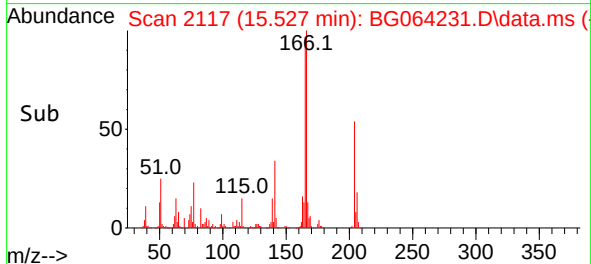
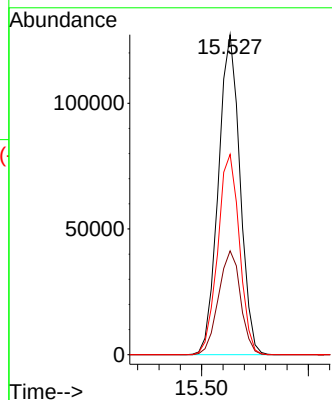
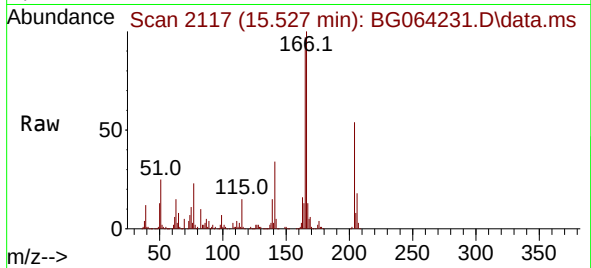




#61
4-Chlorophenyl-phenylether
Concen: 48.242 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

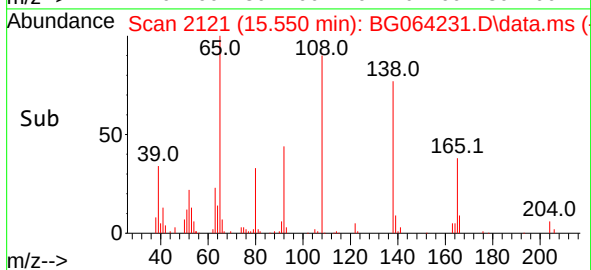
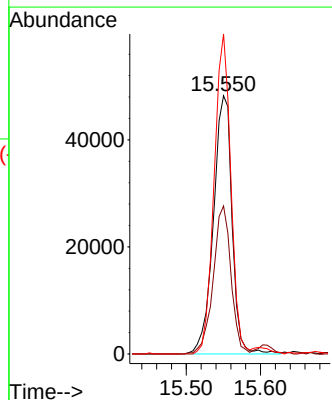
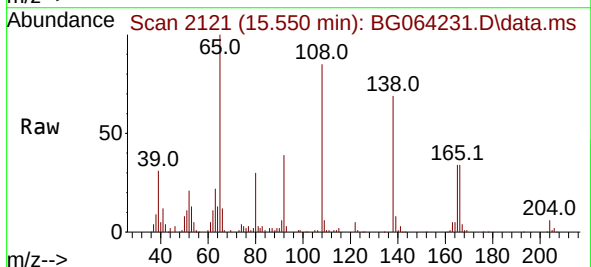
Instrument :
BNA_G
ClientSampleId :
PB169464BS

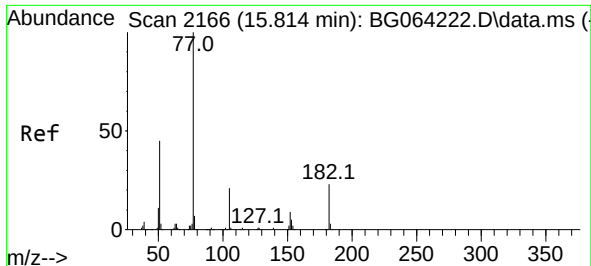
Tgt Ion:204 Resp: 178880
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 62.6 51.9 77.9



#62
4-Nitroaniline
Concen: 53.241 ng
RT: 15.550 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:138 Resp: 84214
Ion Ratio Lower Upper
138 100
92 57.3 39.1 79.1
108 123.9 111.3 151.3

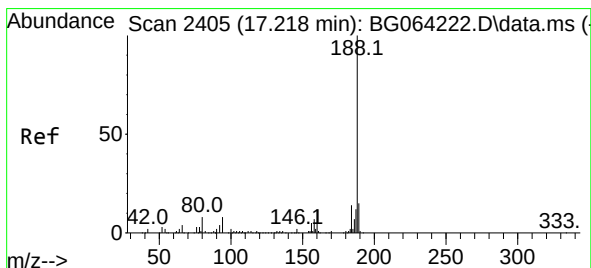
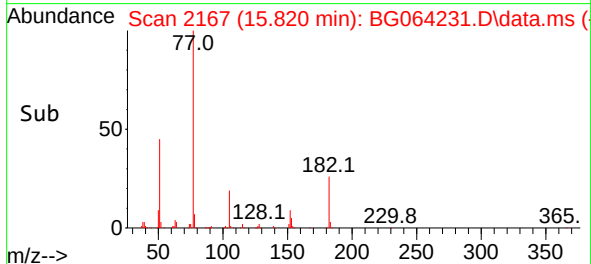
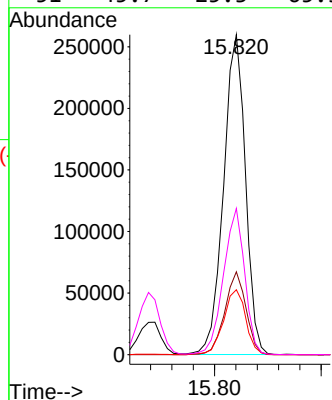
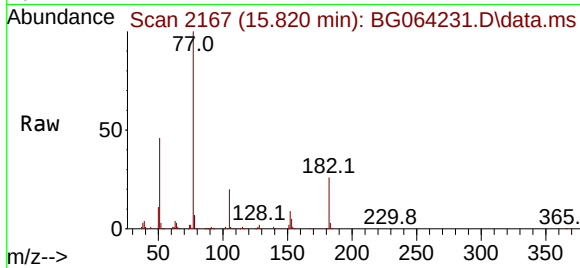




#63
Azobenzene
Concen: 50.707 ng
RT: 15.820 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

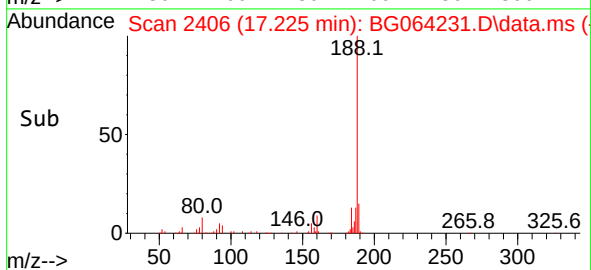
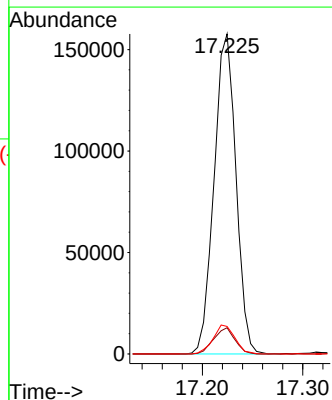
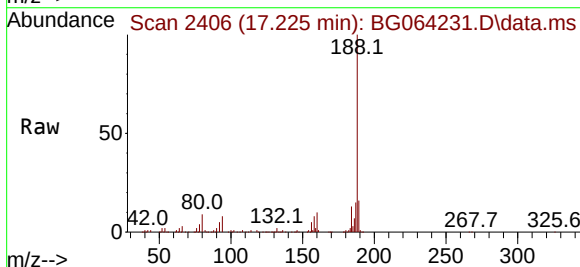
Instrument :
BNA_G
ClientSampleId :
PB169464BS

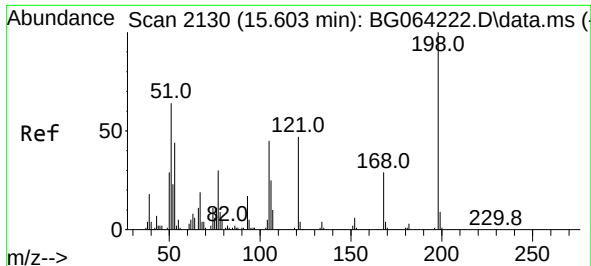
Tgt Ion: 77	Resp: 369719
Ion Ratio	Lower Upper
77 100	
182 25.9	3.3 43.3
105 20.3	0.6 40.6
51 45.7	25.3 65.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:188	Resp: 238356
Ion Ratio	Lower Upper
188 100	
94 8.2	6.2 9.4
80 8.6	6.8 10.2

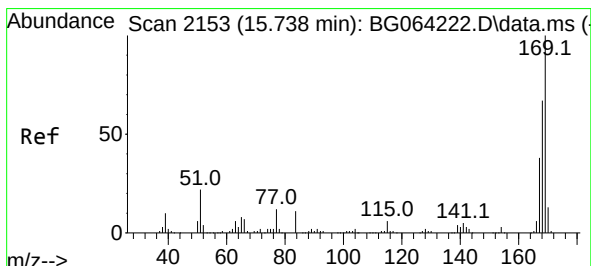
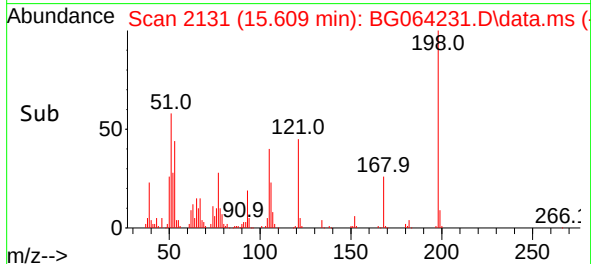
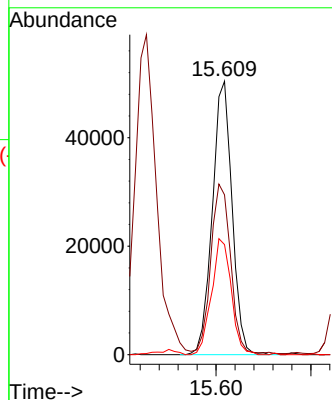
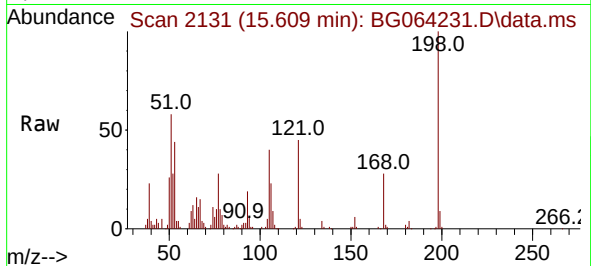




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.131 ng
 RT: 15.609 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

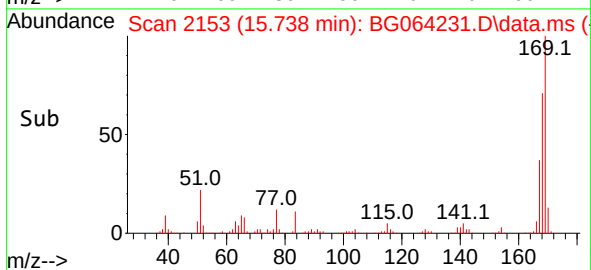
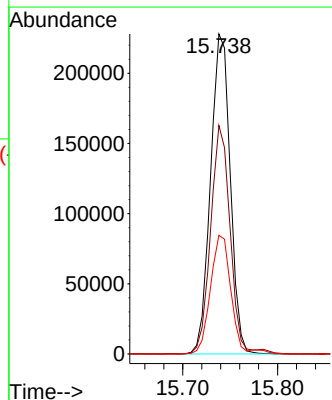
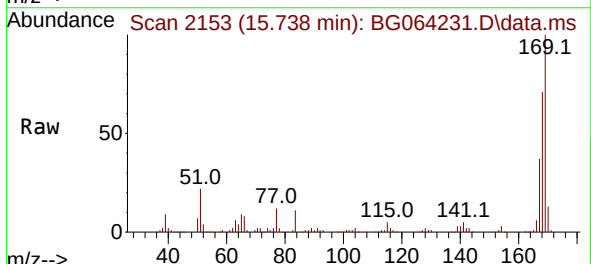
Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

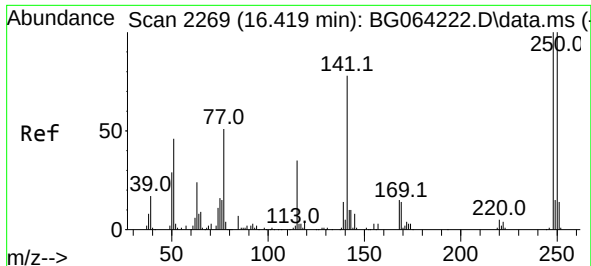
Tgt Ion:198 Resp: 72709
 Ion Ratio Lower Upper
 198 100
 51 58.4 46.2 86.2
 105 40.2 25.0 65.0



#66
 n-Nitrosodiphenylamine
 Concen: 50.052 ng
 RT: 15.738 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion:169 Resp: 328189
 Ion Ratio Lower Upper
 169 100
 168 71.4 53.8 80.8
 167 37.1 30.2 45.2

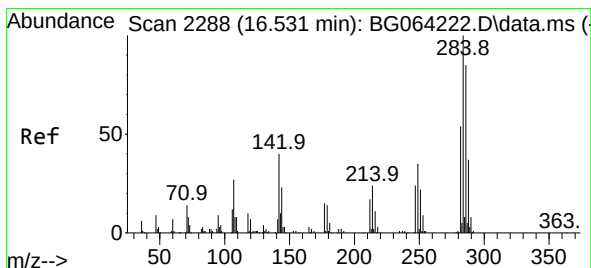
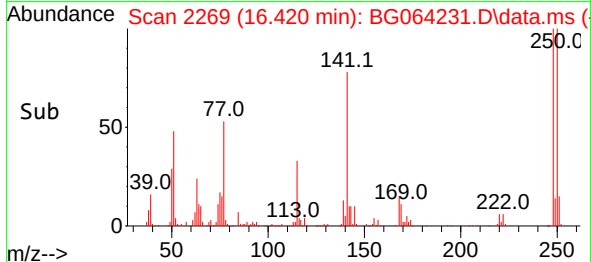
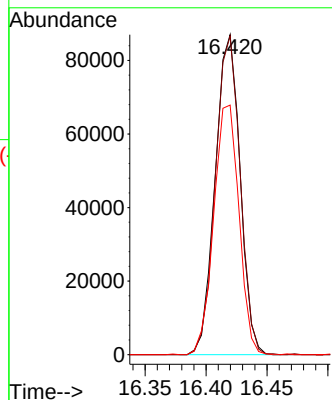
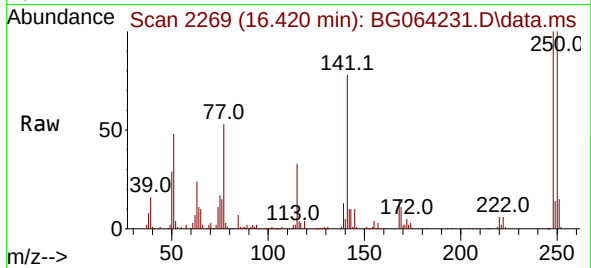




#67
4-Bromophenyl-phenylether
Concen: 48.832 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

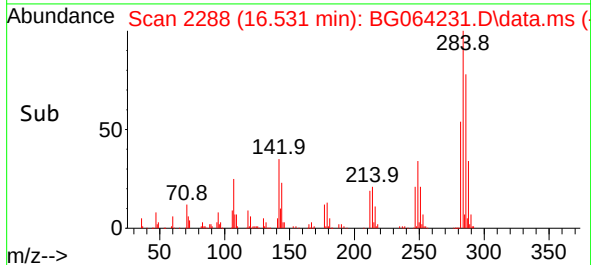
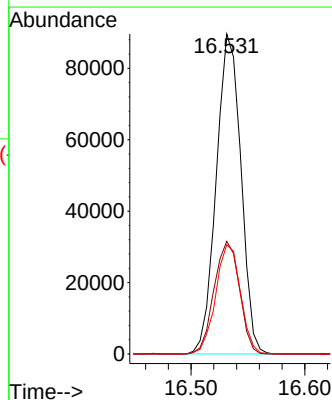
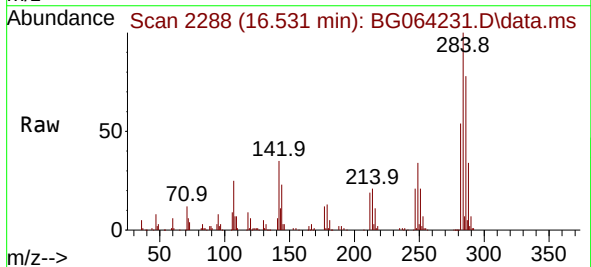
Instrument :
BNA_G
ClientSampleId :
PB169464BS

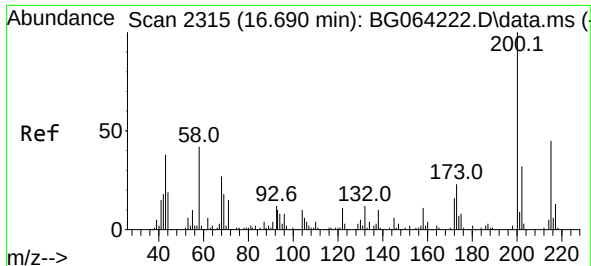
Tgt Ion:248 Resp: 123626
Ion Ratio Lower Upper
248 100
250 99.6 80.2 120.4
141 78.0 62.4 93.6



#68
Hexachlorobenzene
Concen: 48.003 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:284 Resp: 134954
Ion Ratio Lower Upper
284 100
142 35.2 32.1 48.1
249 34.1 28.3 42.5

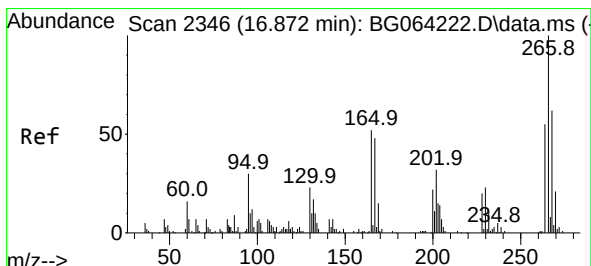
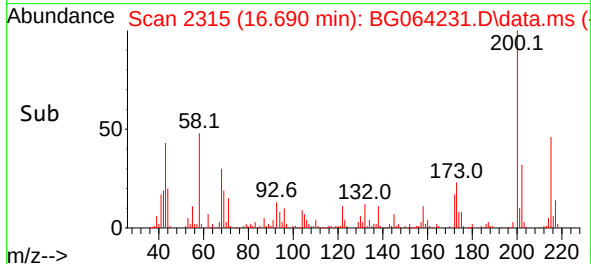
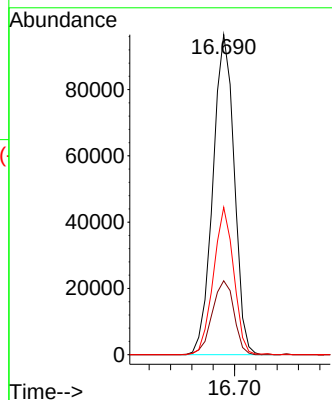
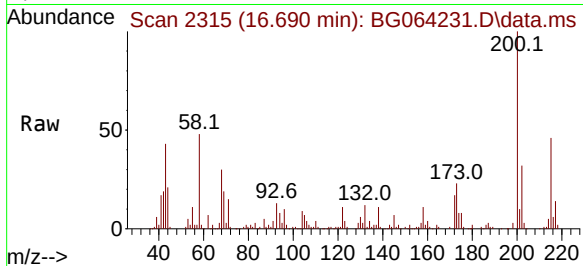




#69
 Atrazine
 Concen: 48.931 ng
 RT: 16.690 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

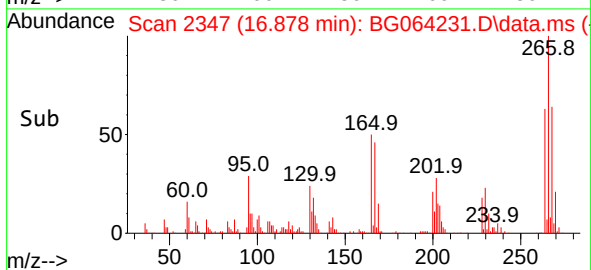
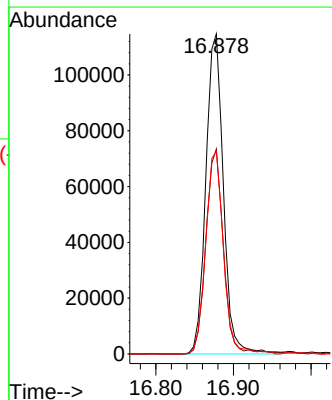
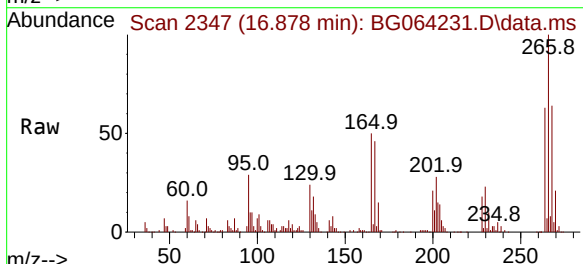
Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

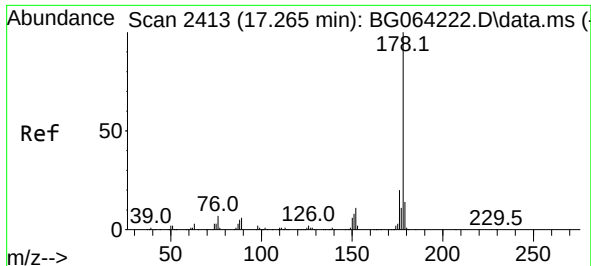
Tgt Ion:200 Resp: 133965
 Ion Ratio Lower Upper
 200 100
 173 23.1 3.5 43.5
 215 46.0 24.8 64.8



#70
 Pentachlorophenol
 Concen: 105.407 ng
 RT: 16.878 min Scan# 2347
 Delta R.T. -0.000 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion:266 Resp: 179681
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.4 74.0
 264 63.3 44.3 66.5

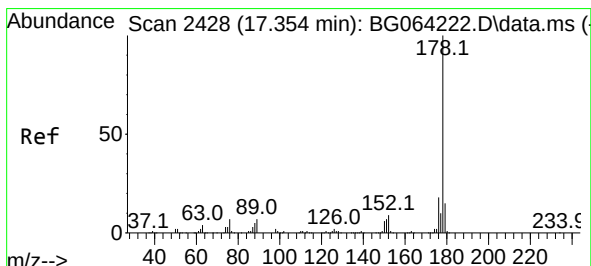
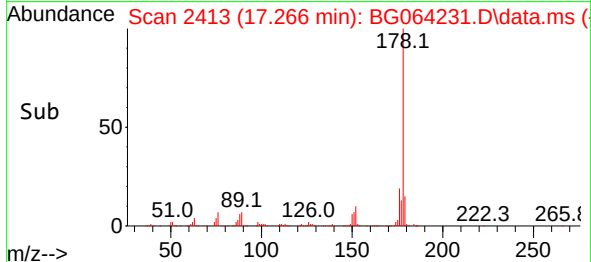
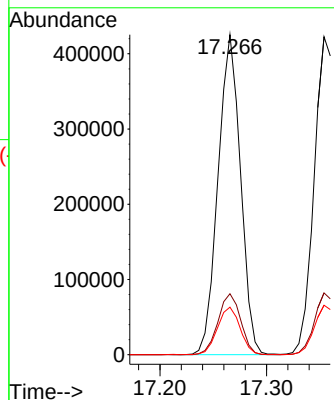
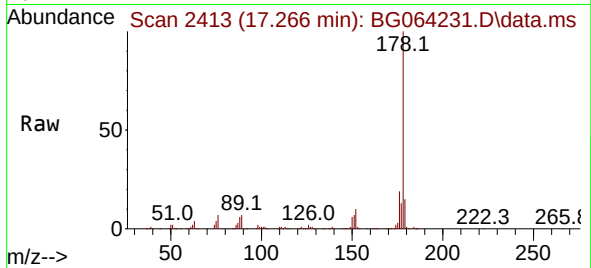




#71
 Phenanthrene
 Concen: 49.452 ng
 RT: 17.266 min Scan# 2413
 Delta R.T. -0.000 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

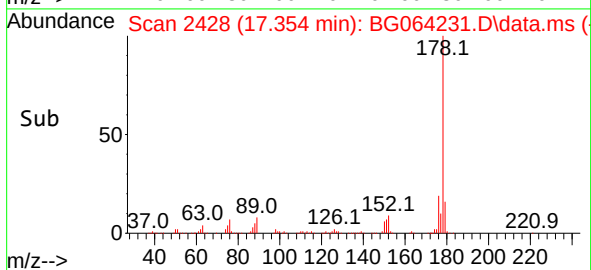
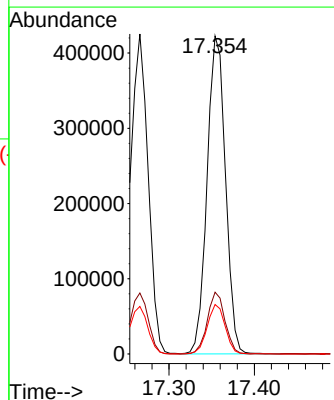
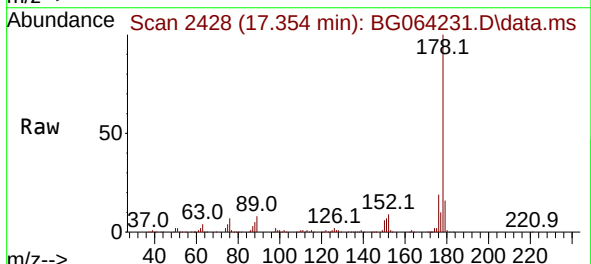
Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

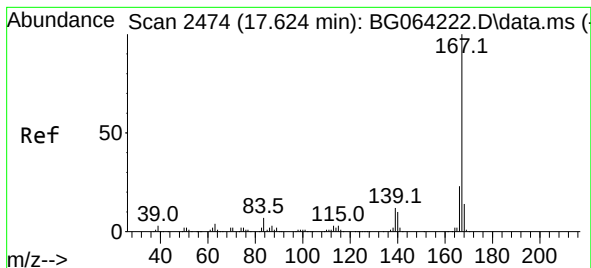
Tgt Ion:178 Resp: 621692
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 14.9 11.4 17.2



#72
 Anthracene
 Concen: 49.487 ng
 RT: 17.354 min Scan# 2428
 Delta R.T. -0.006 min
 Lab File: BG064231.D
 Acq: 29 Aug 2025 17:15

Tgt Ion:178 Resp: 632843
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.7 22.1
 179 15.5 12.1 18.1





#73

Carbazole

Concen: 50.403 ng

RT: 17.624 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

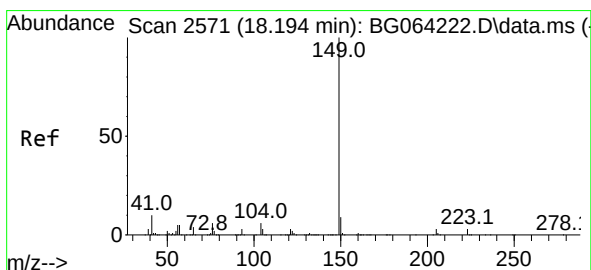
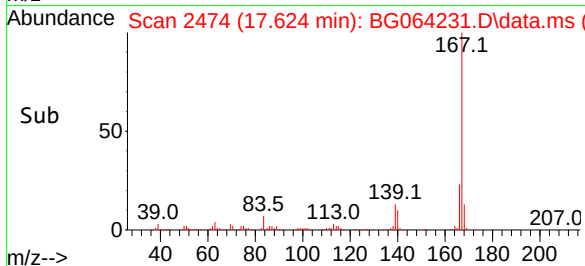
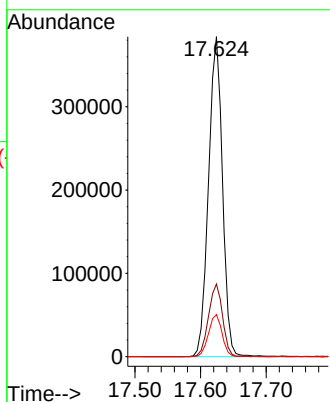
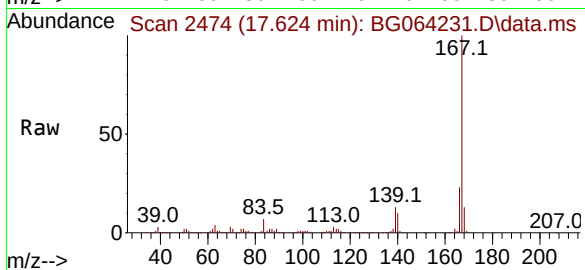
Tgt Ion:167 Resp: 567819

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 13.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 50.126 ng

RT: 18.194 min Scan# 2571

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

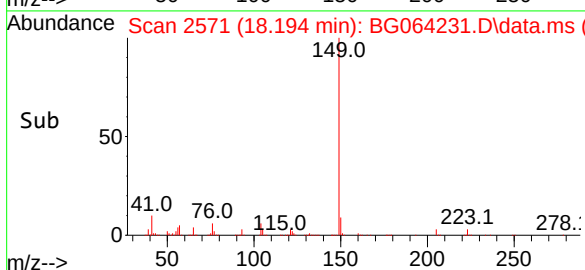
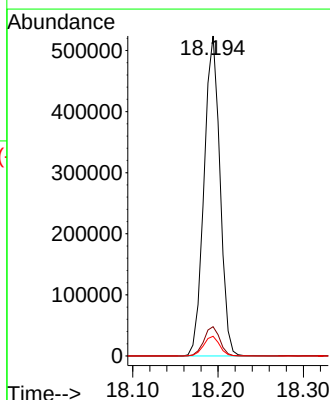
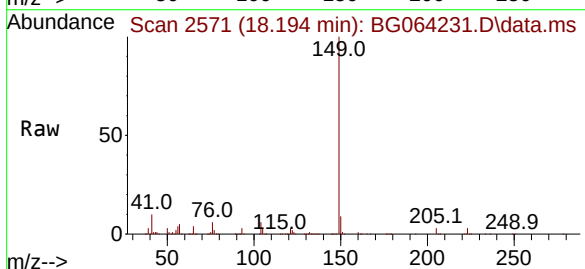
Tgt Ion:149 Resp: 678440

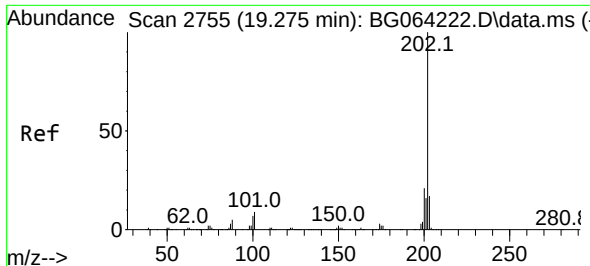
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 6.1 4.6 7.0

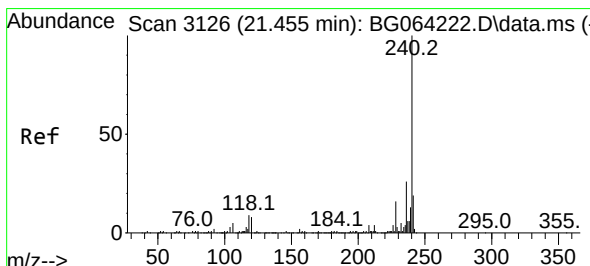
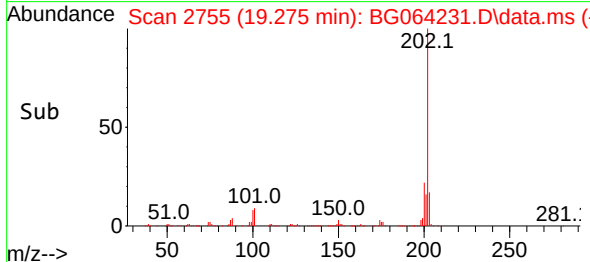
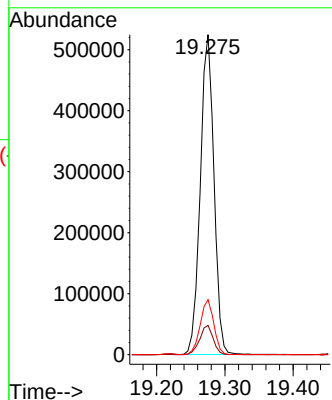
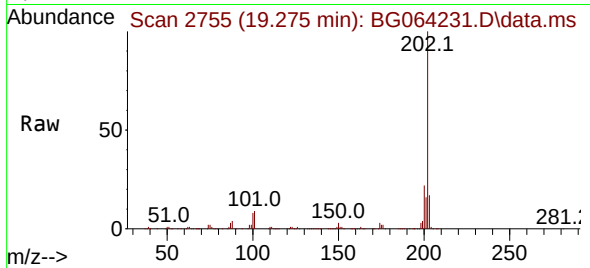




#75
Fluoranthene
Concen: 49.257 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

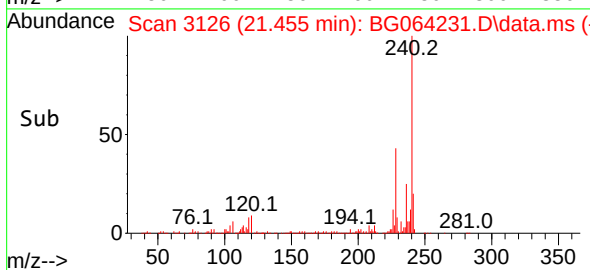
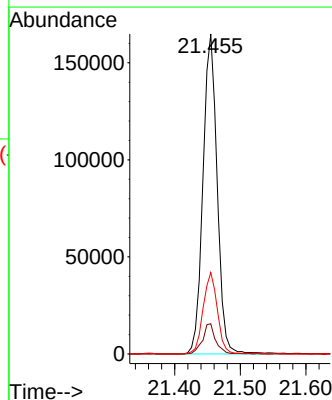
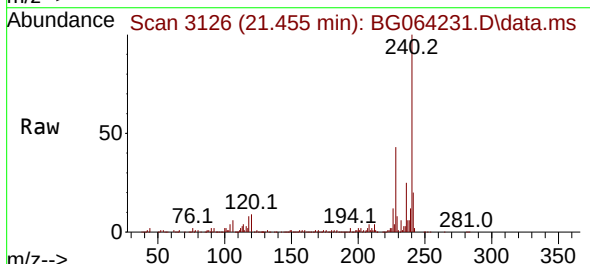
Instrument :
BNA_G
ClientSampleId :
PB169464BS

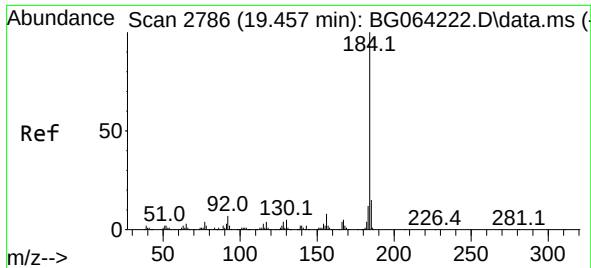
Tgt Ion:202 Resp: 728119
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.7
203 17.2 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:240 Resp: 248580
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.4#
236 25.5 20.5 30.7

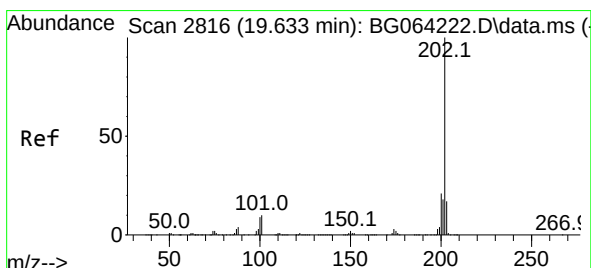
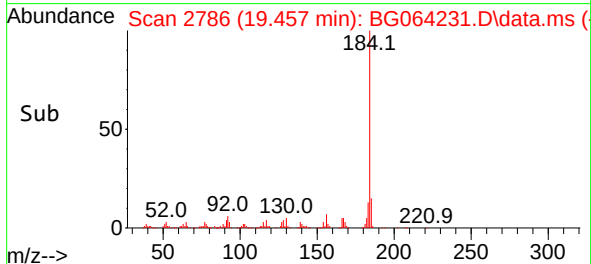
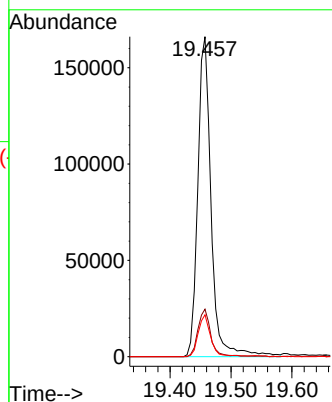
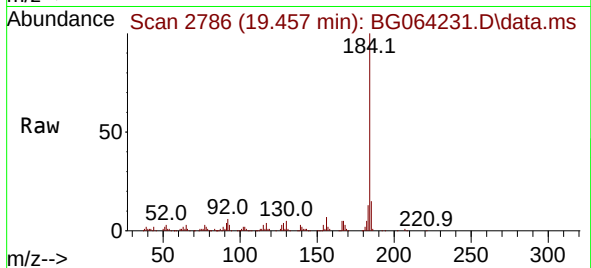




#77
Benzidine
Concen: 48.182 ng
RT: 19.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

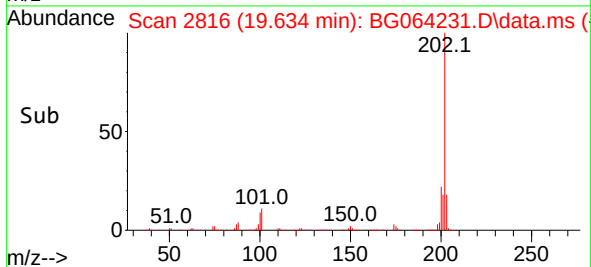
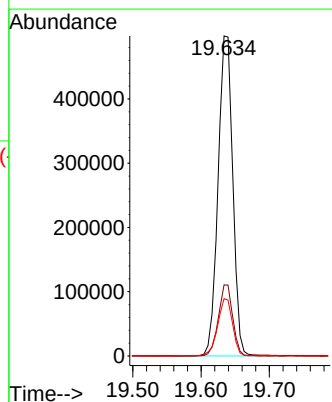
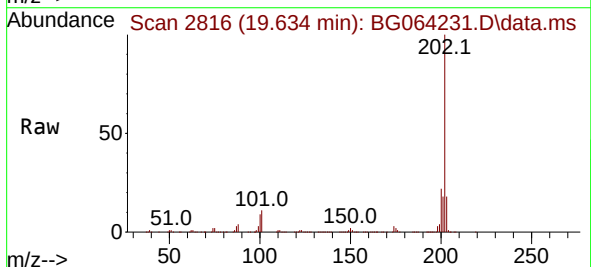
Instrument :
BNA_G
ClientSampleId :
PB169464BS

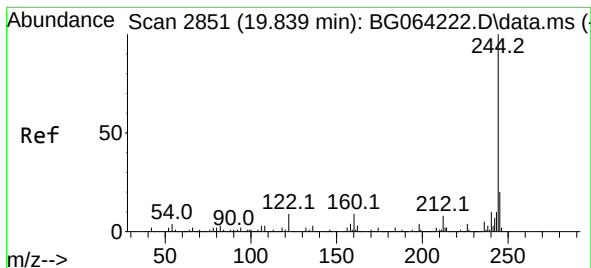
Tgt Ion:184 Resp: 251958
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 13.1 9.7 14.5



#78
Pyrene
Concen: 47.804 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:202 Resp: 748660
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 93.248 ng

RT: 19.845 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

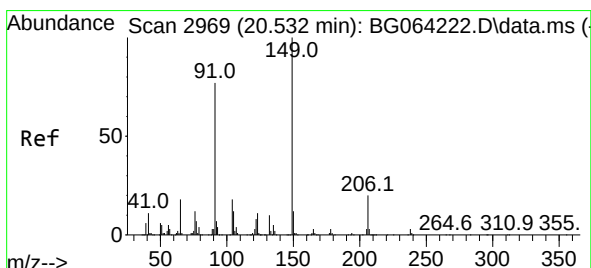
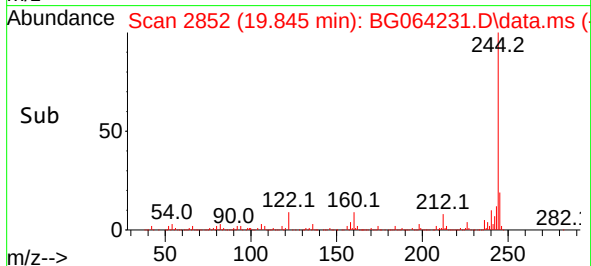
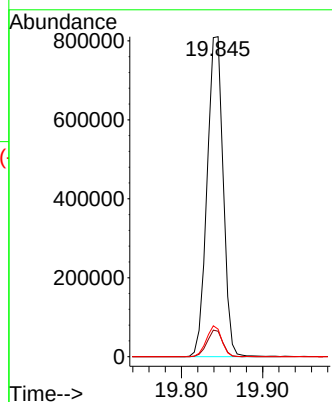
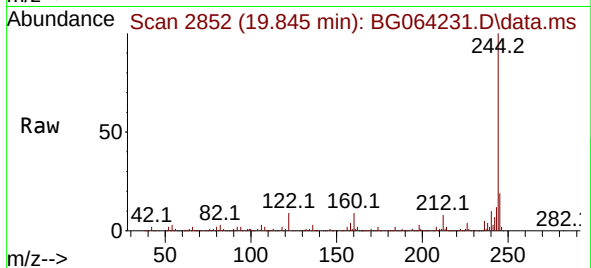
Tgt Ion:244 Resp: 1111010

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

122 8.6 7.0 10.6



#80

Butylbenzylphthalate

Concen: 50.527 ng

RT: 20.532 min Scan# 2969

Delta R.T. -0.000 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

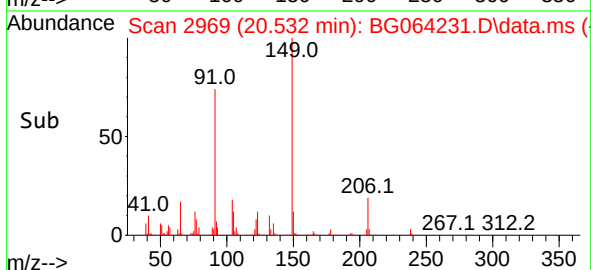
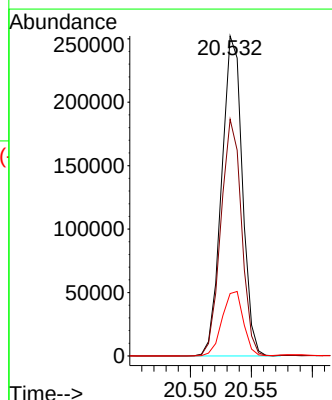
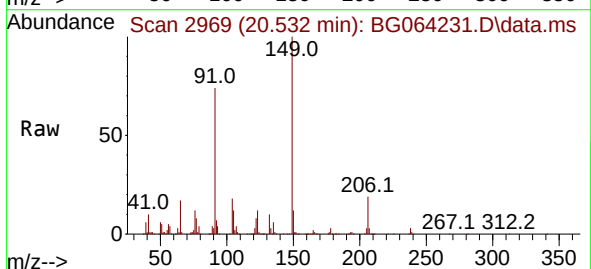
Tgt Ion:149 Resp: 298457

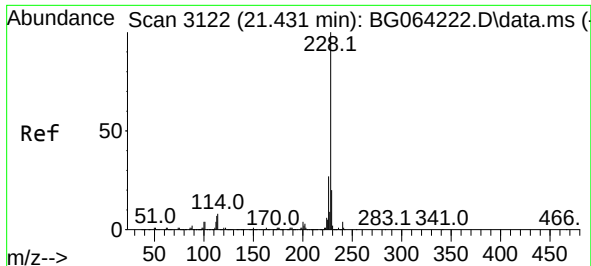
Ion Ratio Lower Upper

149 100

91 74.0 61.4 92.0

206 19.5 15.8 23.6

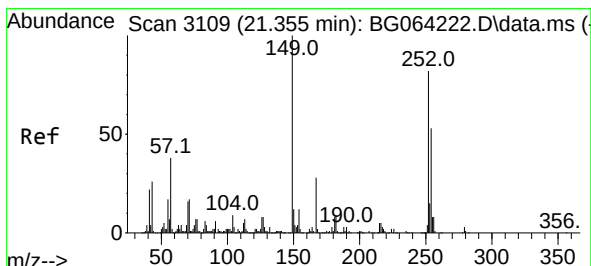
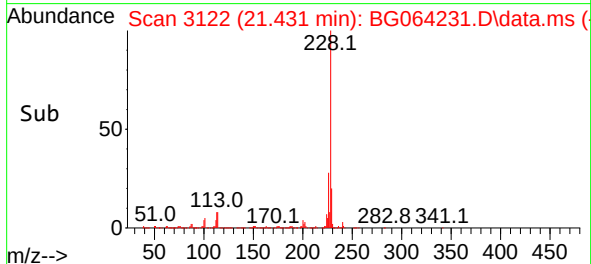
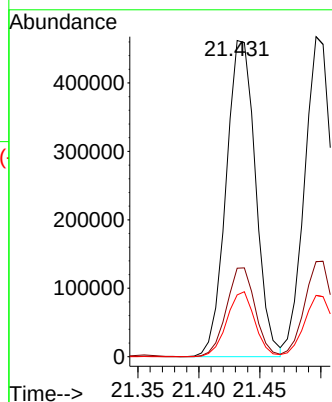
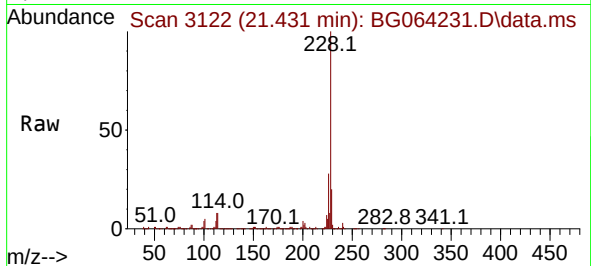




#81
Benzo(a)anthracene
Concen: 48.798 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

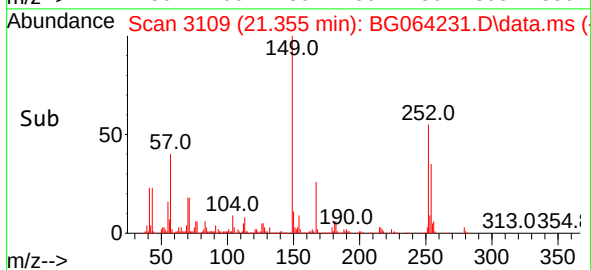
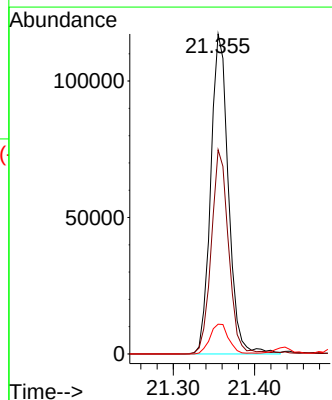
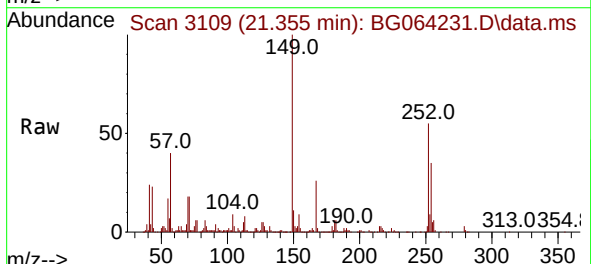
Instrument :
BNA_G
ClientSampleId :
PB169464BS

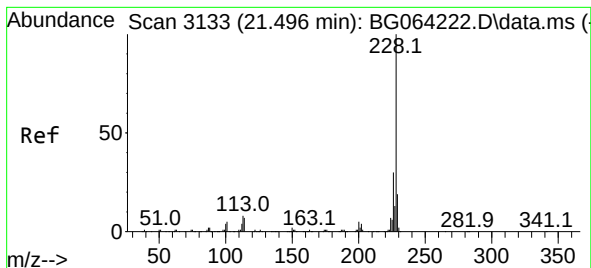
Tgt Ion:228 Resp: 776040
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 34.207 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:252 Resp: 177170
Ion Ratio Lower Upper
252 100
254 63.8 51.9 77.9
126 9.3 7.6 11.4





#83

Chrysene

Concen: 48.346 ng

RT: 21.496 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

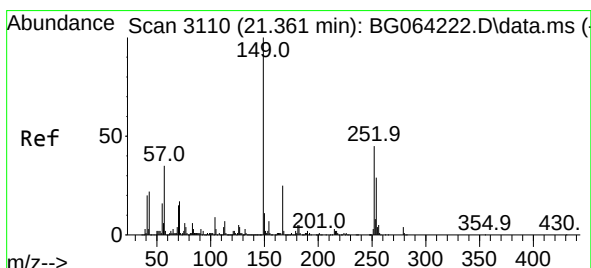
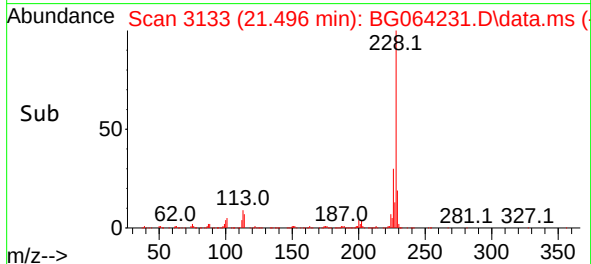
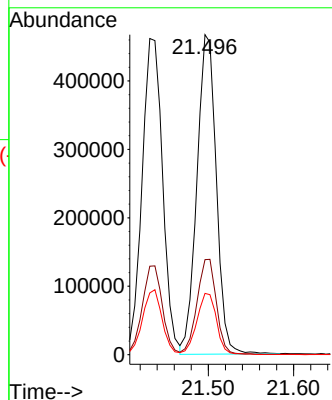
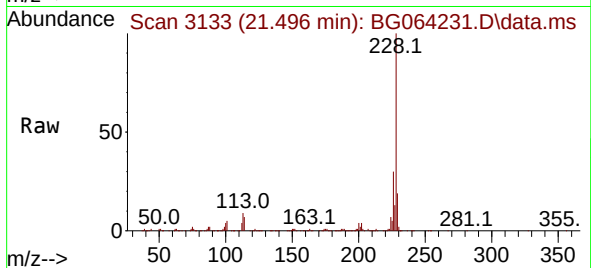
Tgt Ion:228 Resp: 738121

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.930 ng

RT: 21.361 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

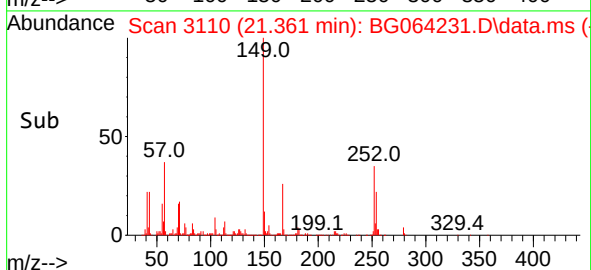
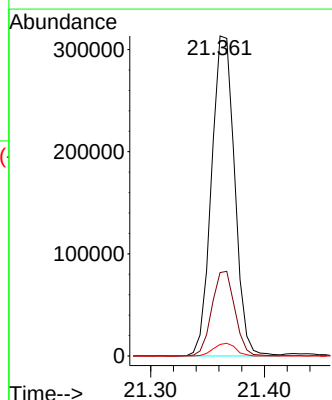
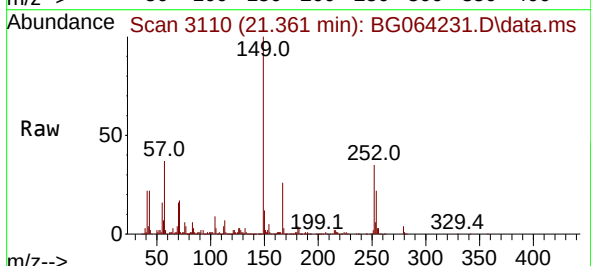
Tgt Ion:149 Resp: 442789

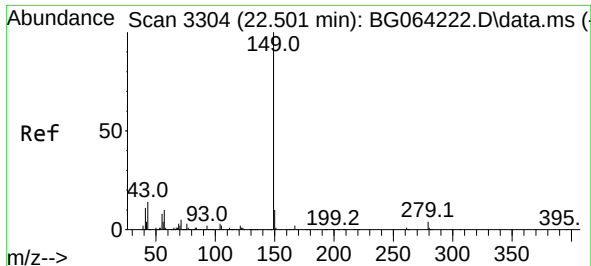
Ion Ratio Lower Upper

149 100

167 26.0 20.0 30.0

279 3.6 3.0 4.4

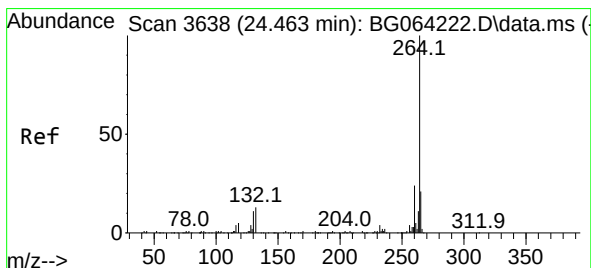
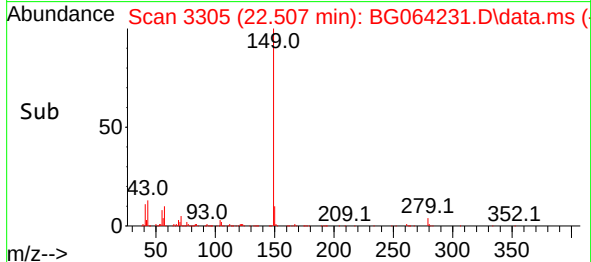
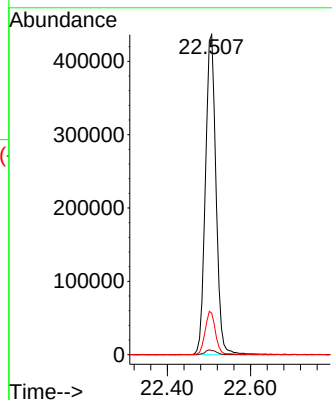
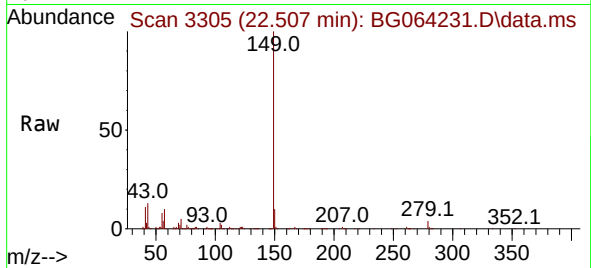




#85
Di-n-octyl phthalate
Concen: 49.837 ng
RT: 22.507 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

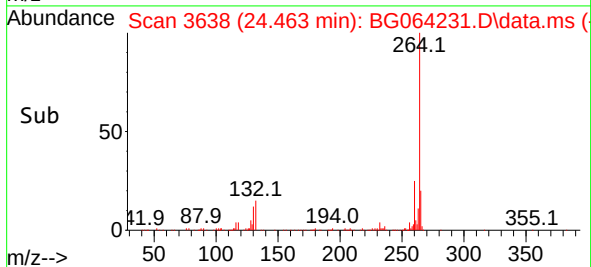
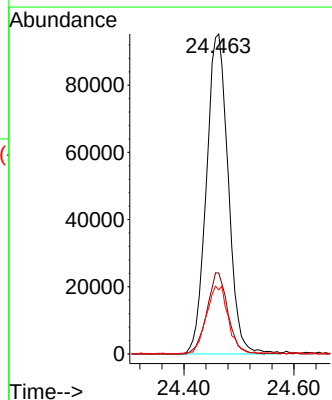
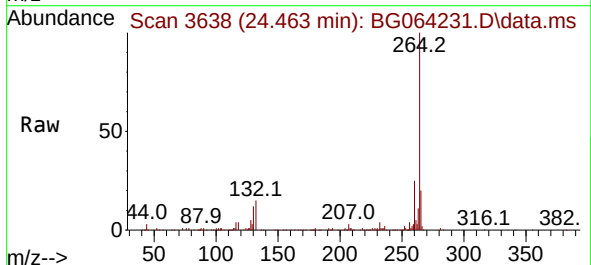
Instrument :
BNA_G
ClientSampleId :
PB169464BS

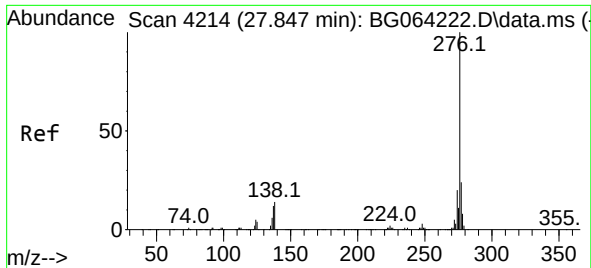
Tgt Ion:149 Resp: 770097
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:264 Resp: 261746
Ion Ratio Lower Upper
264 100
260 25.3 18.9 28.3
265 20.0 16.7 25.1

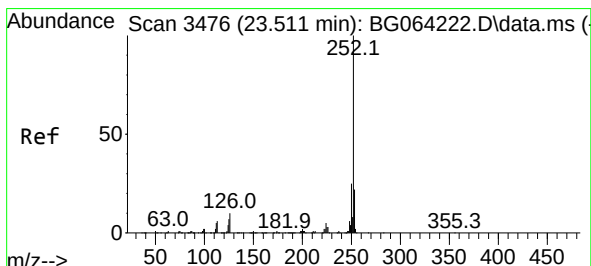
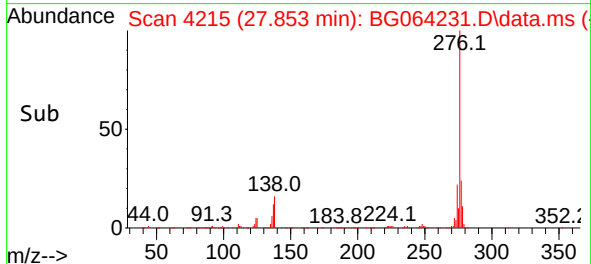
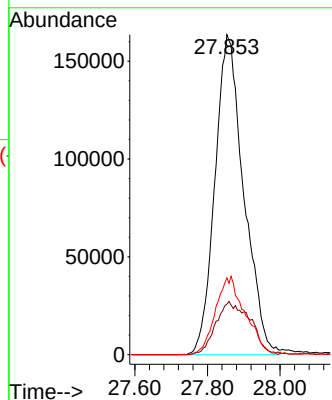
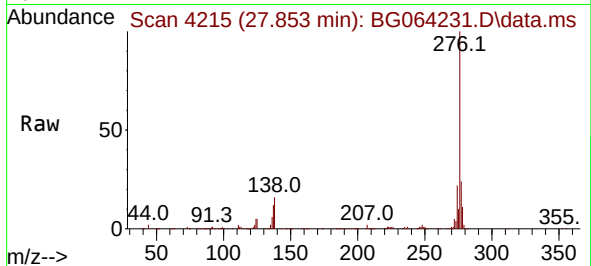




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.487 ng
RT: 27.853 min Scan# 41
Delta R.T. -0.018 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

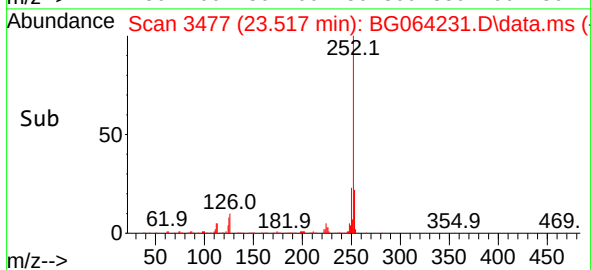
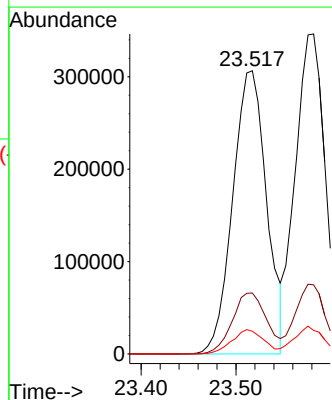
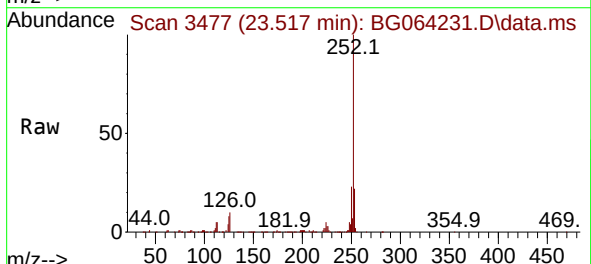
Instrument :
BNA_G
ClientSampleId :
PB169464BS

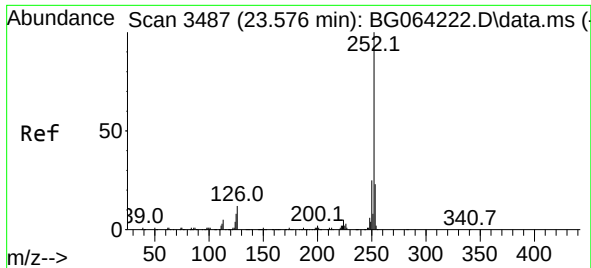
Tgt Ion:276 Resp: 902446
Ion Ratio Lower Upper
276 100
138 20.0 7.4 11.0#
277 25.0 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 51.467 ng
RT: 23.517 min Scan# 3477
Delta R.T. -0.000 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:252 Resp: 760299
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.0 5.9 8.9

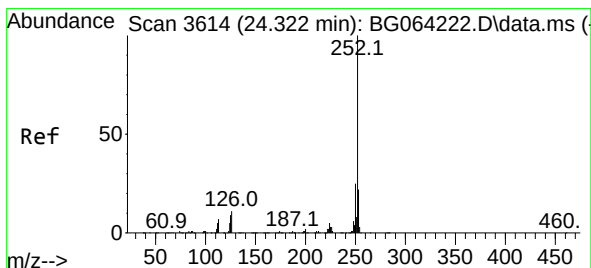
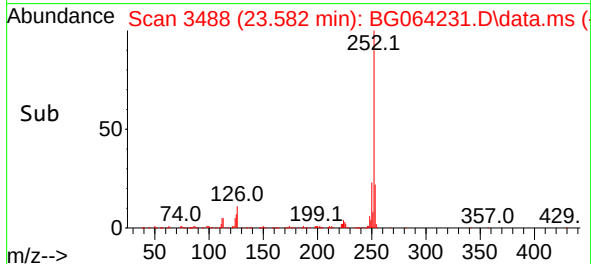
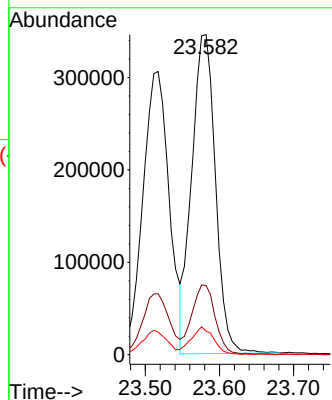
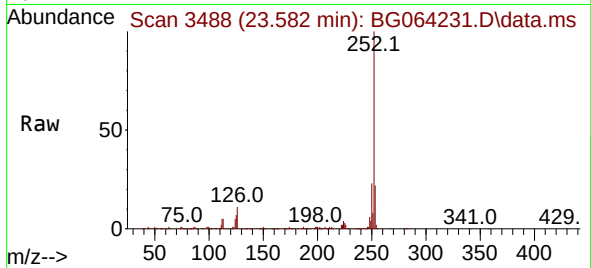




#89
Benzo(k)fluoranthene
Concen: 51.087 ng
RT: 23.582 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

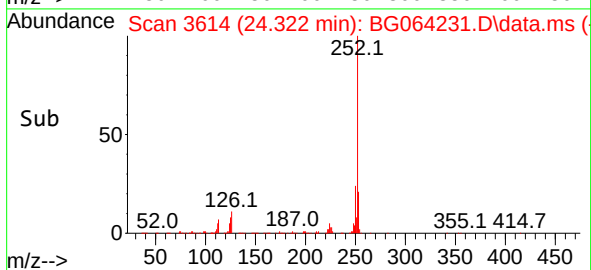
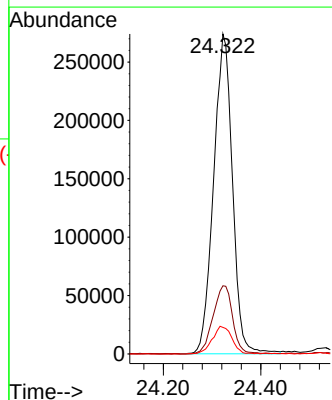
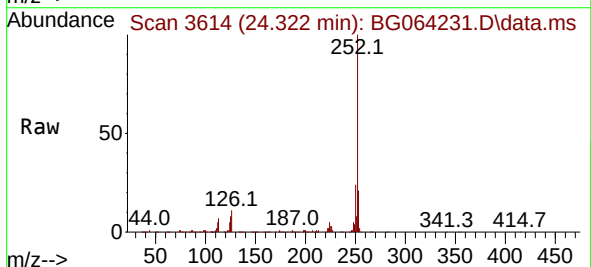
Instrument :
BNA_G
ClientSampleId :
PB169464BS

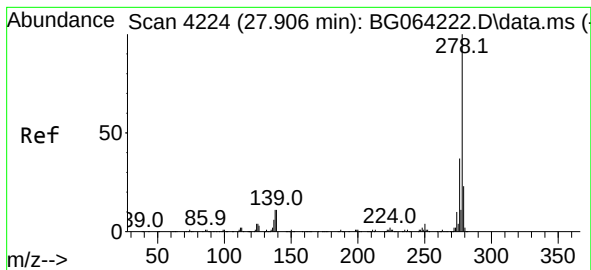
Tgt Ion:252 Resp: 768861
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 7.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 53.431 ng
RT: 24.322 min Scan# 3614
Delta R.T. -0.006 min
Lab File: BG064231.D
Acq: 29 Aug 2025 17:15

Tgt Ion:252 Resp: 734235
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 8.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 52.436 ng

RT: 27.918 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB169464BS

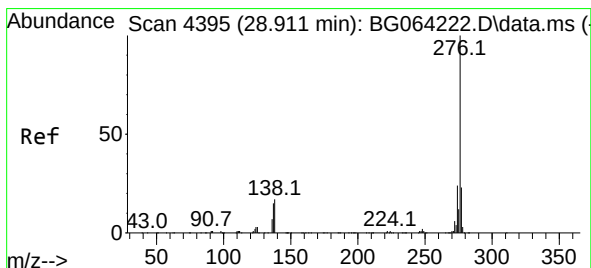
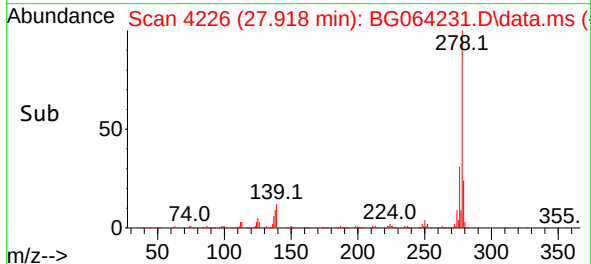
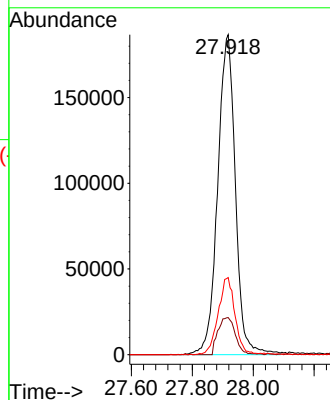
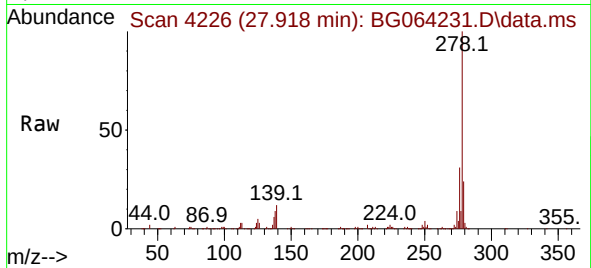
Tgt Ion:278 Resp: 752564

Ion Ratio Lower Upper

278 100

139 11.6 9.0 13.4

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 51.794 ng

RT: 28.905 min Scan# 4394

Delta R.T. -0.029 min

Lab File: BG064231.D

Acq: 29 Aug 2025 17:15

Tgt Ion:276 Resp: 723319

Ion Ratio Lower Upper

276 100

277 24.6 18.2 27.4

138 17.2 13.3 19.9

