

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064796.D
 Acq On : 17 Nov 2025 22:50
 Operator : RC/JU
 Sample : Q3649-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MS

Quant Time: Nov 18 00:24:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	35648	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	137981	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	109267	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	264688	20.000	ng	0.00
76) Chrysene-d12	21.755	240	332562	20.000	ng	0.00
86) Perylene-d12	25.010	264	341639	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	226596	110.998	ng	0.00
7) Phenol-d6	7.307	99	313192	115.347	ng	0.00
23) Nitrobenzene-d5	9.322	82	202570	72.587	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	236442	110.951	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	562446	71.824	ng	0.00
79) Terphenyl-d14	20.092	244	1278535	75.625	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	32691	41.364	ng	94
3) Pyridine	3.934	79	91631	38.913	ng	96
4) n-Nitrosodimethylamine	3.846	42	53511	44.648	ng	# 77
6) Aniline	7.477	93	82153	22.700	ng	98
8) 2-Chlorophenol	7.724	128	112298	50.098	ng	94
9) Benzaldehyde	7.289	77	57685	32.455	ng	98
10) Phenol	7.336	94	150380	50.903	ng	97
11) bis(2-Chloroethyl)ether	7.571	93	98633	46.918	ng	96
12) 1,3-Dichlorobenzene	8.053	146	122625	47.541	ng	97
13) 1,4-Dichlorobenzene	8.200	146	125713	47.865	ng	97
14) 1,2-Dichlorobenzene	8.523	146	121100	47.553	ng	96
15) Benzyl Alcohol	8.394	79	108598	48.727	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.693	45	219395	44.092	ng	98
17) 2-Methylphenol	8.599	107	102724	49.143	ng	97
18) Hexachloroethane	9.263	117	45576	45.816	ng	95
19) n-Nitroso-di-n-propyla...	8.964	70	85608	46.631	ng	89
20) 3+4-Methylphenols	8.922	107	140181	48.952	ng	95
22) Acetophenone	8.987	105	179131	47.651	ng	# 99
24) Nitrobenzene	9.369	77	130982	46.451	ng	97
25) Isophorone	9.892	82	245569	46.208	ng	97
26) 2-Nitrophenol	10.086	139	64778	51.074	ng	95
27) 2,4-Dimethylphenol	10.139	122	112198	49.794	ng	92
28) bis(2-Chloroethoxy)met...	10.374	93	142319	48.780	ng	99
29) 2,4-Dichlorophenol	10.621	162	125634	51.933	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	142774	48.876	ng	96
31) Naphthalene	11.032	128	362873	46.392	ng	100
32) Benzoic acid	10.268	122	77206	48.481	ng	99
33) 4-Chloroaniline	11.126	127	36291	11.598	ng	96
34) Hexachlorobutadiene	11.320	225	112947	45.064	ng	97
35) Caprolactam	11.890	113	19921	27.532	ng	98
36) 4-Chloro-3-methylphenol	12.236	107	135942	50.487	ng	97
37) 2-Methylnaphthalene	12.624	142	245144	41.881	ng	98
38) 1-Methylnaphthalene	12.841	142	255126	43.878	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	201397	47.361	ng	98
41) Hexachlorocyclopentadiene	12.971	237	274888	90.187	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	125622	50.334	ng	99

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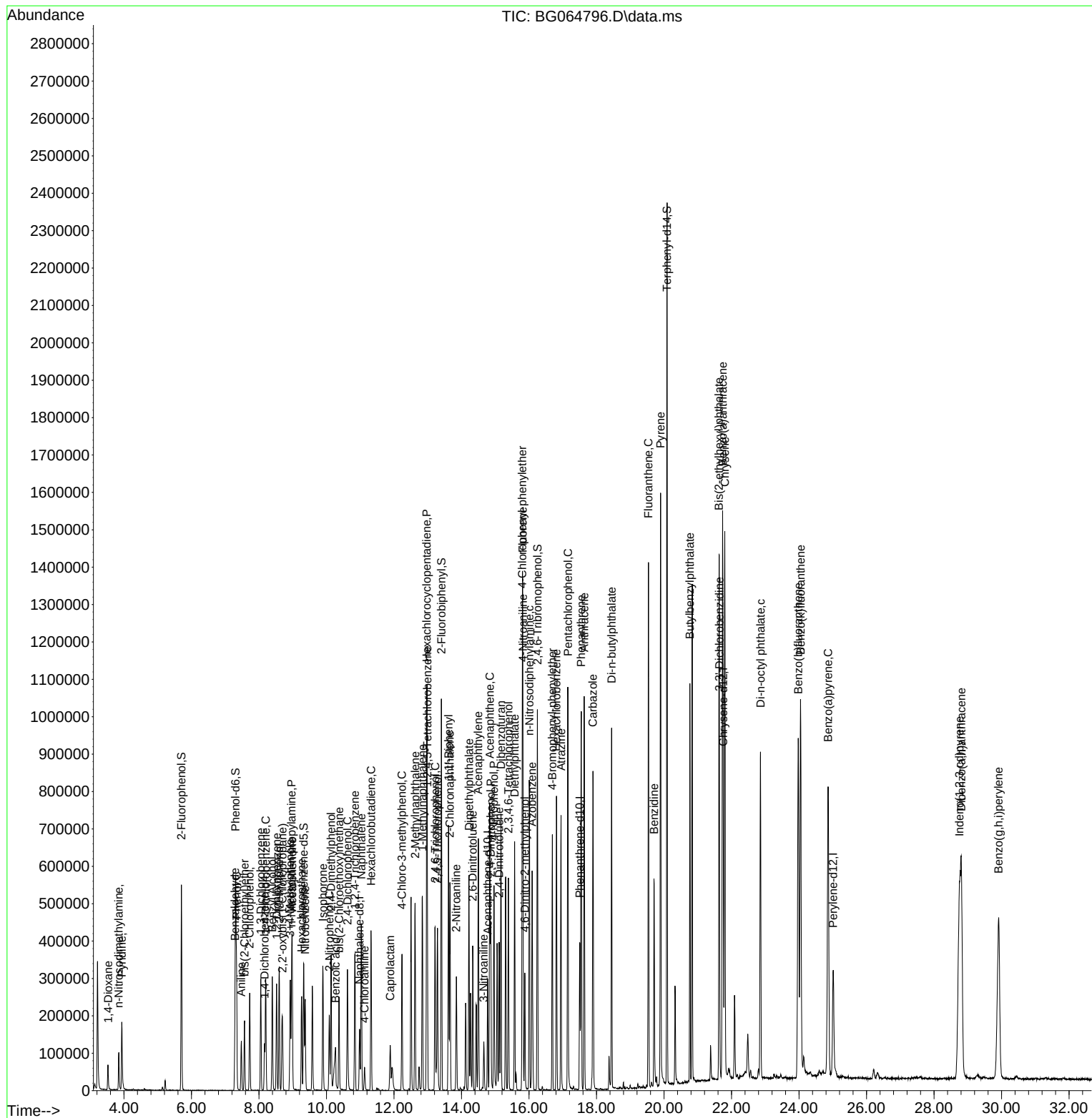
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	139123	49.701	ng	98
46) 1,1'-Biphenyl	13.617	154	385008	49.059	ng	98
47) 2-Chloronaphthalene	13.658	162	289859	46.881	ng	99
48) 2-Nitroaniline	13.846	65	100497	50.536	ng	94
49) Acenaphthylene	14.498	152	510337	48.315	ng	98
50) Dimethylphthalate	14.222	163	407935	47.262	ng	99
51) 2,6-Dinitrotoluene	14.334	165	86706	52.205	ng	97
52) Acenaphthene	14.839	154	345121	54.493	ng	99
53) 3-Nitroaniline	14.657	138	34388	20.978	ng	85
54) 2,4-Dinitrophenol	14.868	184	114155	98.155	ng	98
55) Dibenzofuran	15.168	168	500377	47.790	ng	97
56) 4-Nitrophenol	14.962	139	138584	106.554	ng	94
57) 2,4-Dinitrotoluene	15.115	165	127005	51.006	ng	98
58) Fluorene	15.814	166	383525	46.703	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.391	232	145481	52.676	ng	97
60) Diethylphthalate	15.573	149	390741	47.257	ng	100
61) 4-Chlorophenyl-phenyle...	15.803	204	229901	46.649	ng	96
62) 4-Nitroaniline	15.820	138	80718	47.531	ng	92
63) Azobenzene	16.091	77	358106	52.070	ng	98
65) 4,6-Dinitro-2-methylph...	15.879	198	82924	56.426	ng	92
66) n-Nitrosodiphenylamine	16.008	169	348645	50.287	ng	98
67) 4-Bromophenyl-phenylether	16.690	248	172054	49.498	ng	98
68) Hexachlorobenzene	16.813	284	199440	47.358	ng	99
69) Atrazine	16.948	200	163466	48.903	ng	95
70) Pentachlorophenol	17.154	266	254852	100.554	ng	95
71) Phenanthrene	17.548	178	697992	48.197	ng	99
72) Anthracene	17.636	178	713624	48.326	ng	99
73) Carbazole	17.894	167	623792	49.139	ng	99
74) Di-n-butylphthalate	18.447	149	694307	49.024	ng	99
75) Fluoranthene	19.539	202	923210	46.619	ng	100
77) Benzidine	19.704	184	388676	39.025	ng	99
78) Pyrene	19.898	202	949087	50.920	ng	99
80) Butylbenzylphthalate	20.767	149	331588	50.578	ng	96
81) Benzo(a)anthracene	21.737	228	1077790	47.662	ng	99
82) 3,3'-Dichlorobenzidine	21.643	252	165088	19.835	ng	98
83) Chrysene	21.802	228	1014594	47.591	ng	99
84) Bis(2-ethylhexyl)phtha...	21.631	149	480785	50.187	ng	99
85) Di-n-octyl phthalate	22.859	149	796666	48.109	ng	99
87) Indeno(1,2,3-cd)pyrene	28.752	276	1220785	52.011	ng	# 95
88) Benzo(b)fluoranthene	23.975	252	1046098	48.116	ng	99
89) Benzo(k)fluoranthene	24.046	252	1077935	49.350	ng	100
90) Benzo(a)pyrene	24.863	252	1000023	49.585	ng	99
91) Dibenzo(a,h)anthracene	28.805	278	1002563	52.139	ng	96
92) Benzo(g,h,i)perylene	29.916	276	974197	52.643	ng	98

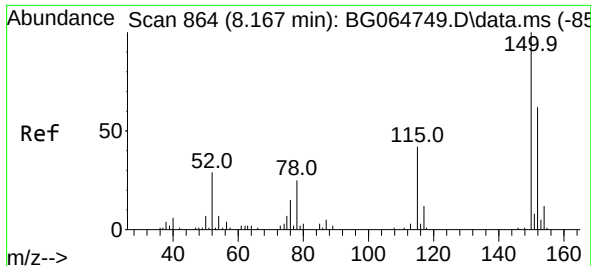
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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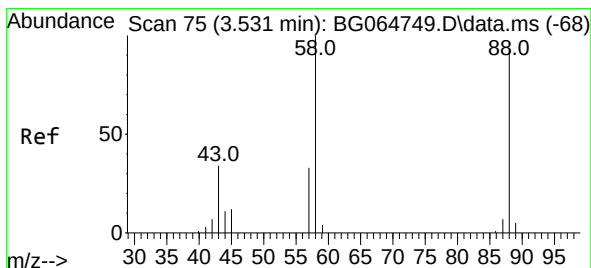
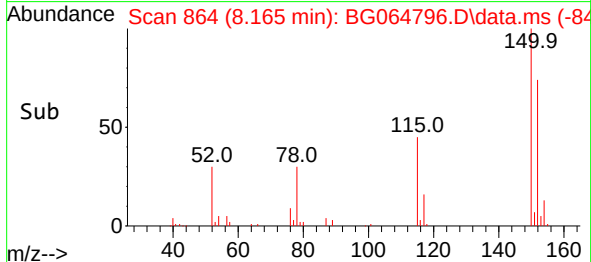
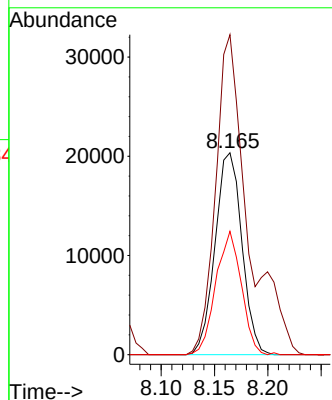
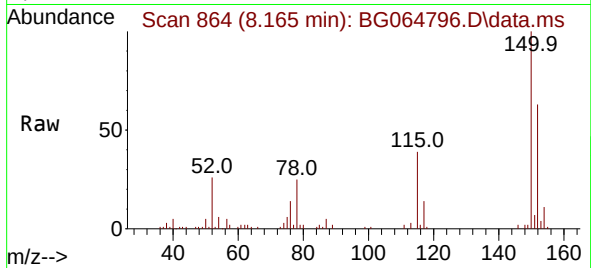




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.165 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064796.D
 Acq: 17 Nov 2025 22:50

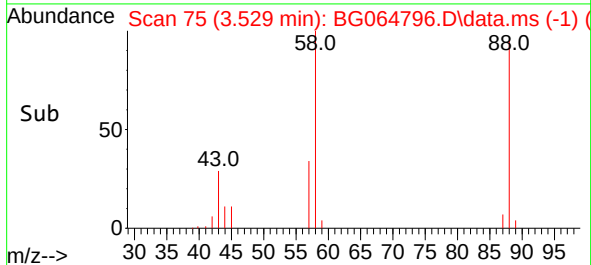
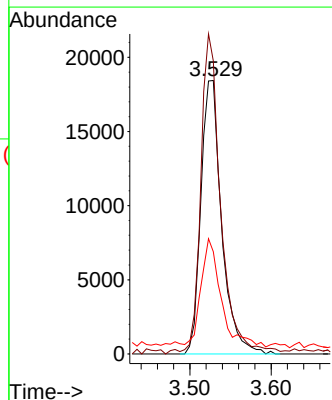
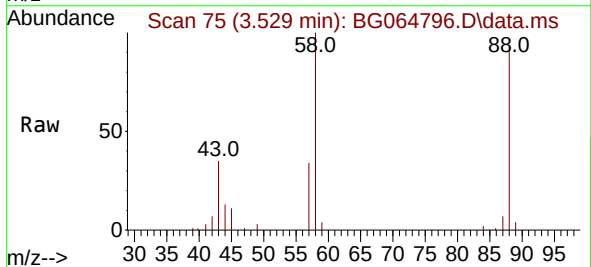
Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MS

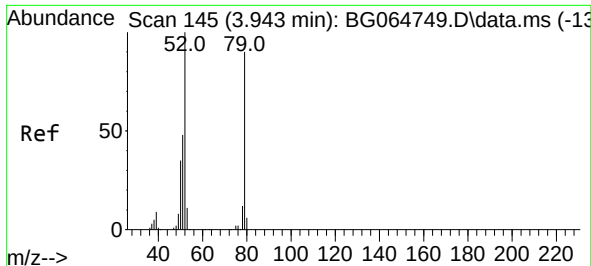
Tgt Ion:152 Resp: 35648
 Ion Ratio Lower Upper
 152 100
 150 158.4 129.2 193.8
 115 61.1 53.7 80.5



#2
 1,4-Dioxane
 Concen: 41.364 ng
 RT: 3.529 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: BG064796.D
 Acq: 17 Nov 2025 22:50

Tgt Ion: 88 Resp: 32691
 Ion Ratio Lower Upper
 88 100
 58 113.5 84.6 126.8
 43 38.1 30.0 45.0





#3

Pyridine

Concen: 38.913 ng

RT: 3.934 min Scan# 145

Delta R.T. -0.009 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

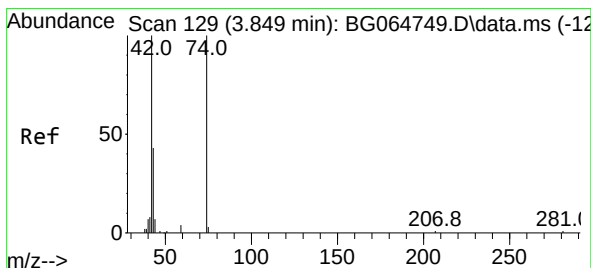
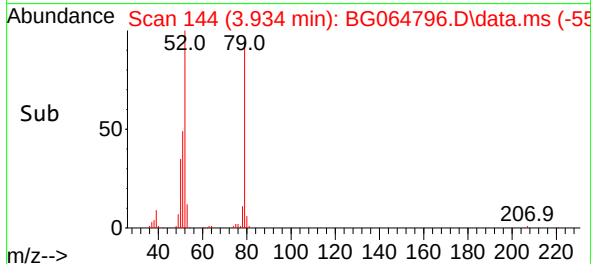
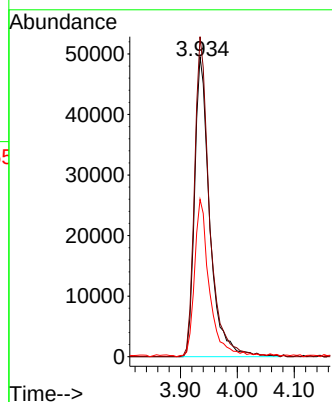
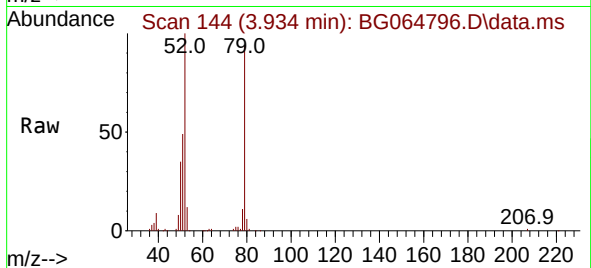
Tgt Ion: 79 Resp: 91631

Ion Ratio Lower Upper

79 100

52 106.6 89.0 133.4

51 52.4 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 44.648 ng

RT: 3.846 min Scan# 129

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

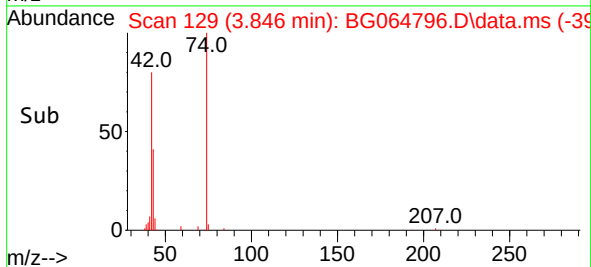
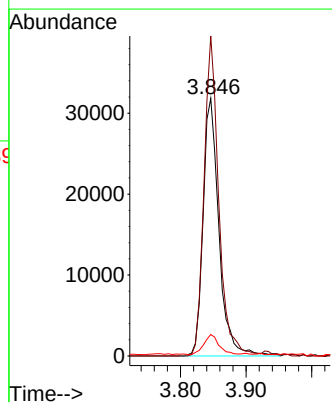
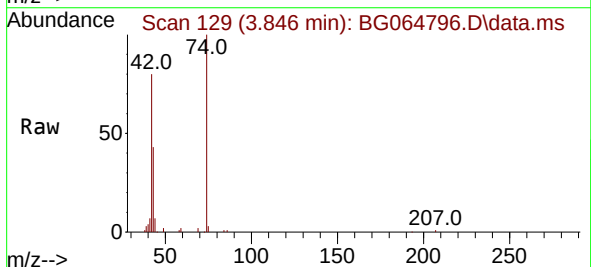
Tgt Ion: 42 Resp: 53511

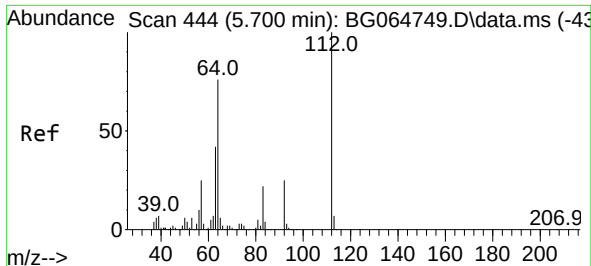
Ion Ratio Lower Upper

42 100

74 124.3 79.8 119.6#

44 8.3 5.9 8.9

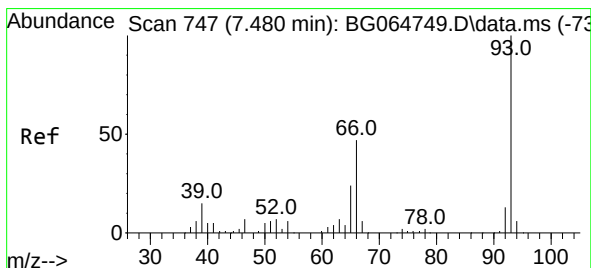
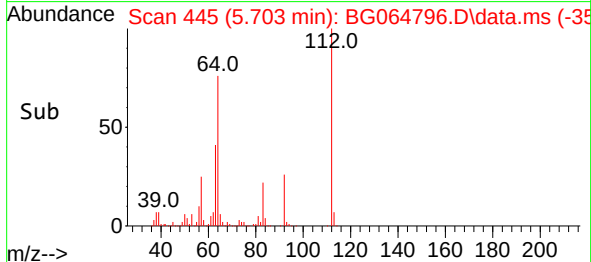
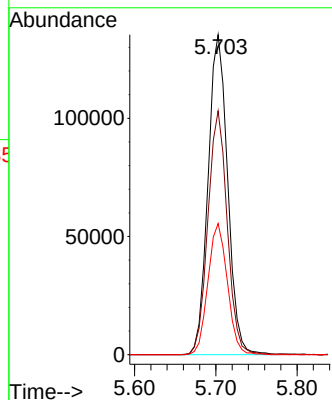
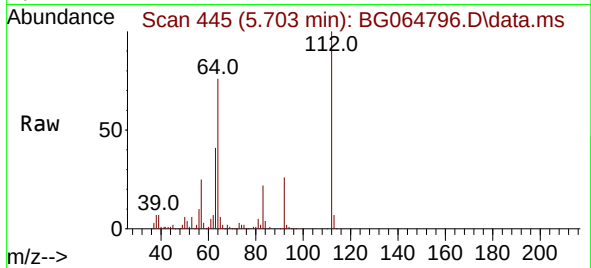




#5
2-Fluorophenol
Concen: 110.998 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

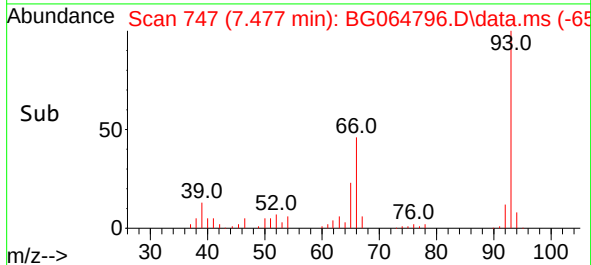
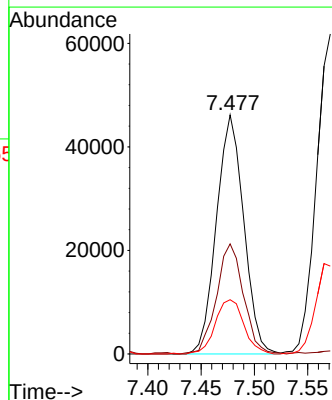
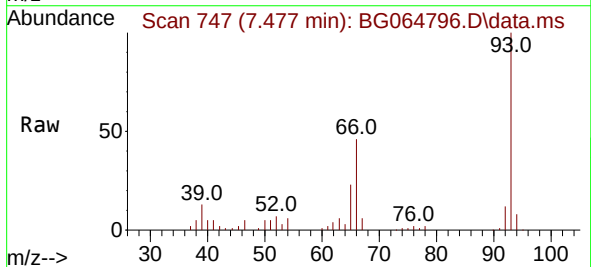
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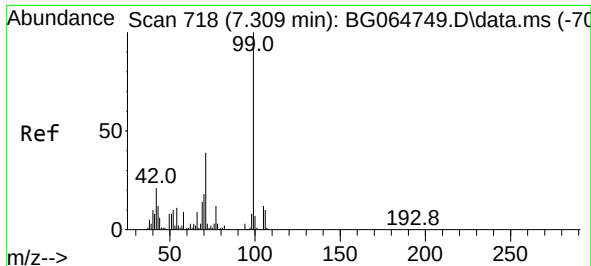
Tgt Ion:112 Resp: 226596
Ion Ratio Lower Upper
112 100
64 76.2 61.0 91.4
63 41.0 33.3 49.9



#6
Aniline
Concen: 22.700 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion: 93 Resp: 82153
Ion Ratio Lower Upper
93 100
66 46.1 37.7 56.5
65 22.7 19.1 28.7

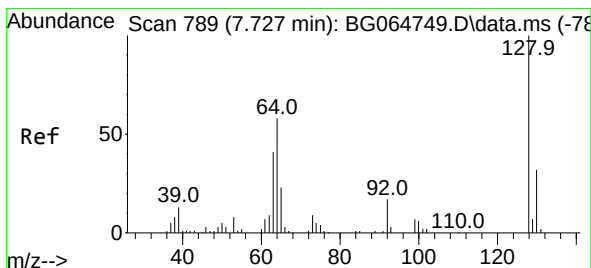
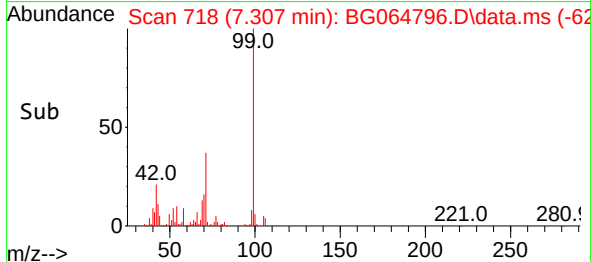
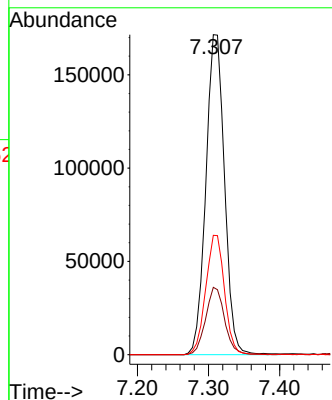
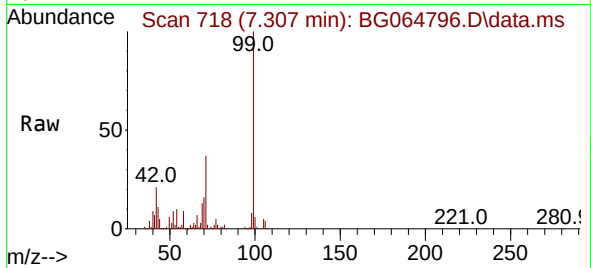




#7
Phenol-d6
Concen: 115.347 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064796.D
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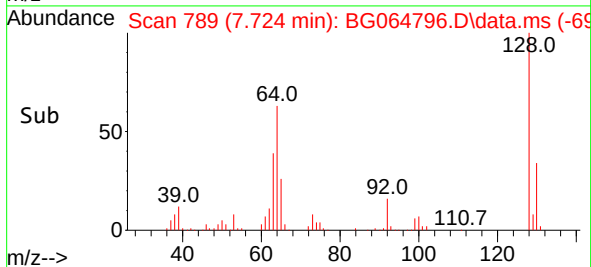
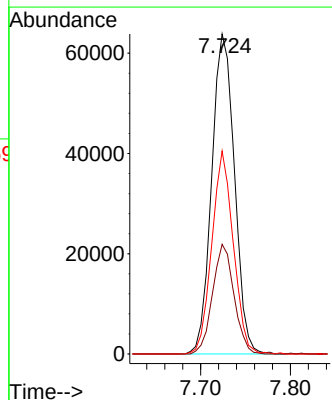
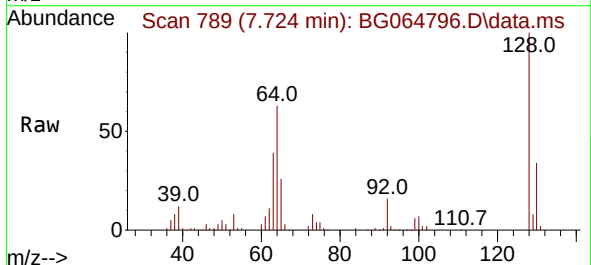
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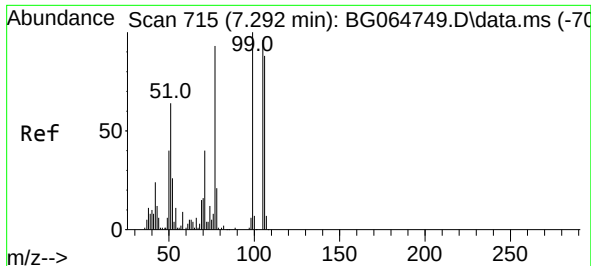
Tgt Ion: 99 Resp: 313192
Ion Ratio Lower Upper
99 100
42 21.0 16.8 25.2
71 37.3 31.1 46.7



#8
2-Chlorophenol
Concen: 50.098 ng
RT: 7.724 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion: 128 Resp: 112298
Ion Ratio Lower Upper
128 100
130 34.3 11.9 51.9
64 63.4 38.4 78.4

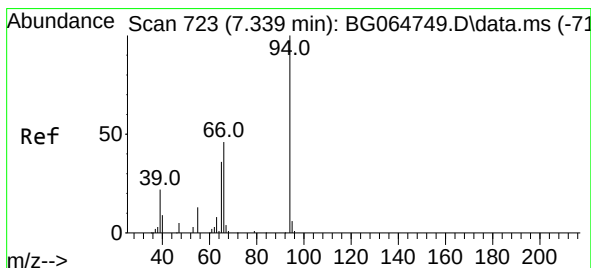
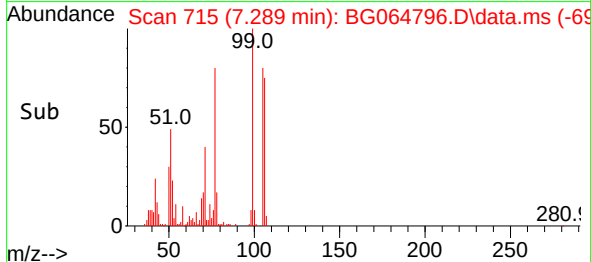
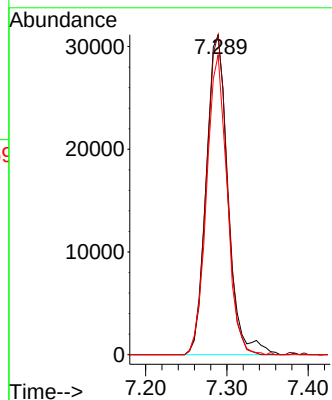
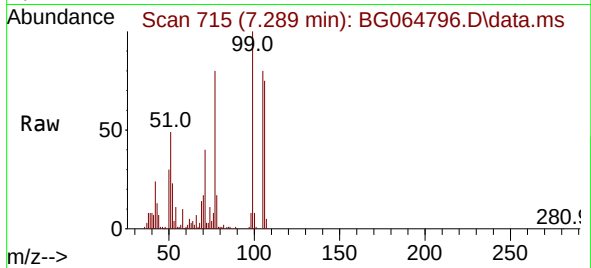




#9
Benzaldehyde
Concen: 32.455 ng
RT: 7.289 min Scan# 715
Delta R.T. -0.003 min
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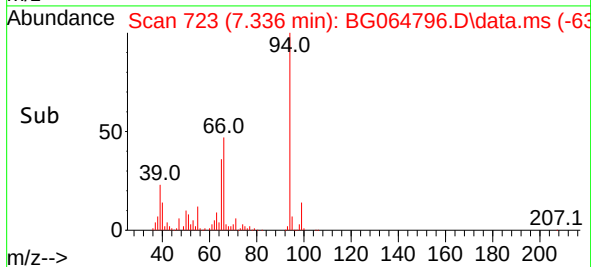
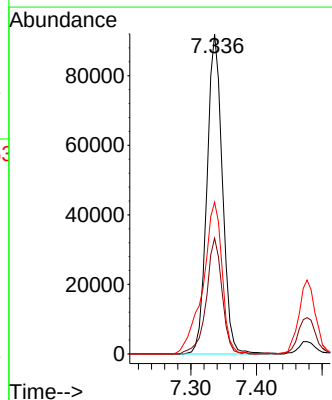
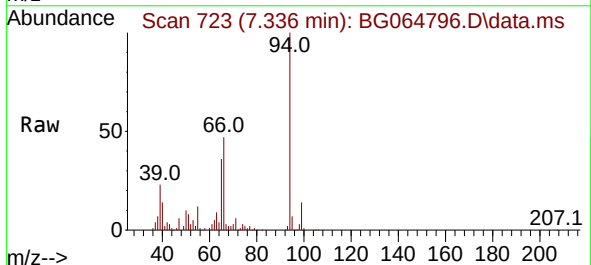
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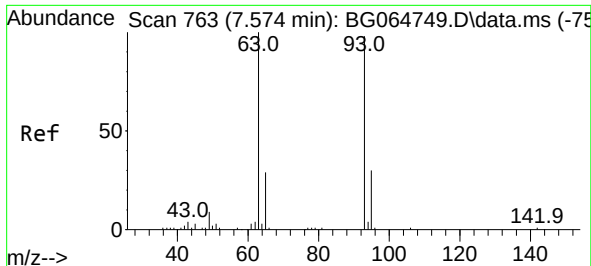
Tgt Ion: 77 Resp: 57685
Ion Ratio Lower Upper
77 100
105 100.2 83.8 123.8
106 93.8 74.3 114.3



#10
Phenol
Concen: 50.903 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion: 94 Resp: 150380
Ion Ratio Lower Upper
94 100
65 36.2 17.0 57.0
66 47.5 29.8 69.8

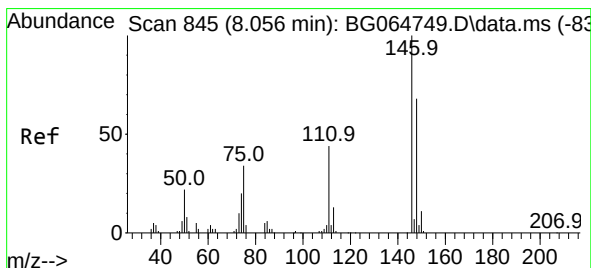
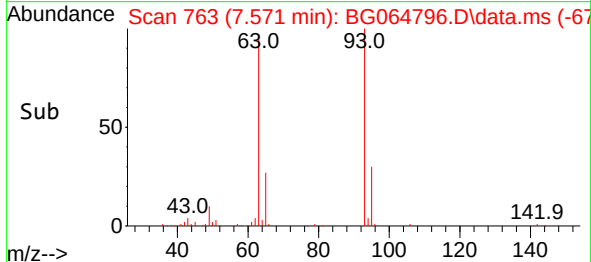
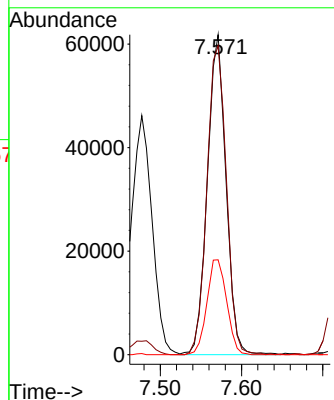
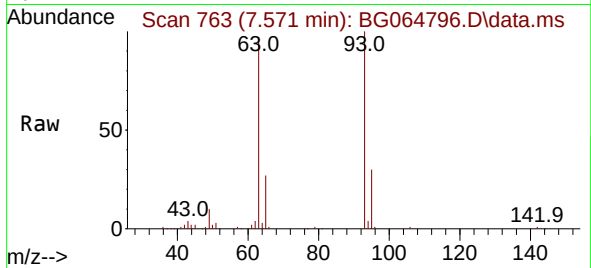




#11
bis(2-Chloroethyl)ether
Concen: 46.918 ng
RT: 7.571 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

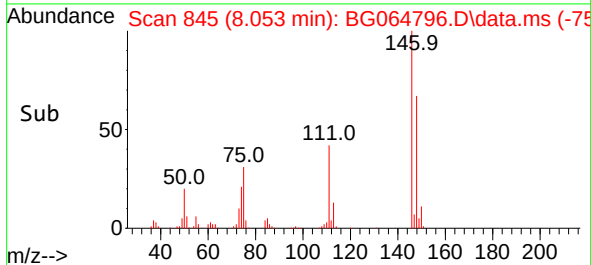
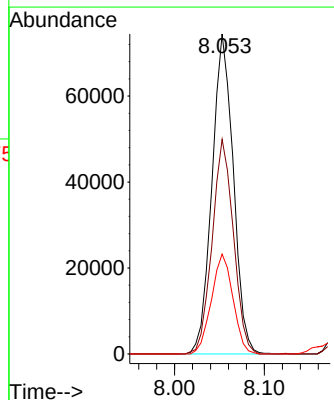
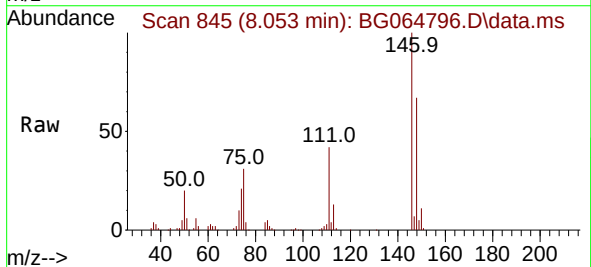
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

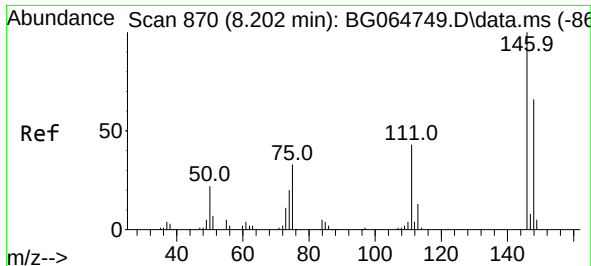
Tgt Ion: 93 Resp: 98633
Ion Ratio Lower Upper
93 100
63 96.6 81.8 121.8
95 29.7 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 47.541 ng
RT: 8.053 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:146 Resp: 122625
Ion Ratio Lower Upper
146 100
148 67.0 54.6 82.0
75 31.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.865 ng

RT: 8.200 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064796.D

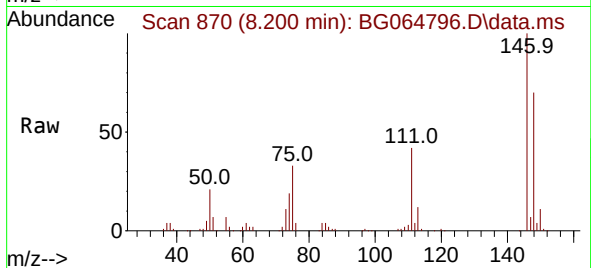
Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS



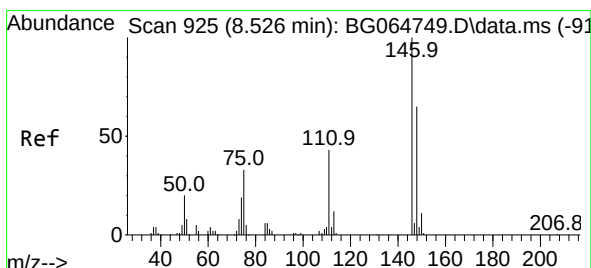
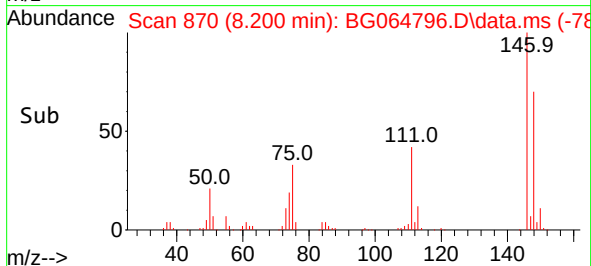
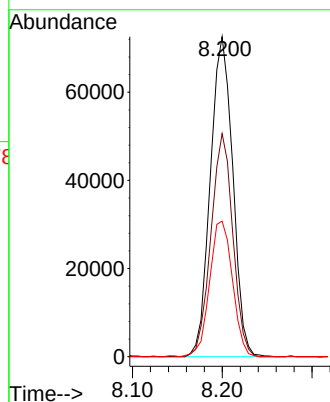
Tgt Ion:146 Resp: 125713

Ion Ratio Lower Upper

146 100

148 69.7 53.1 79.7

111 42.4 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 47.553 ng

RT: 8.523 min Scan# 925

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

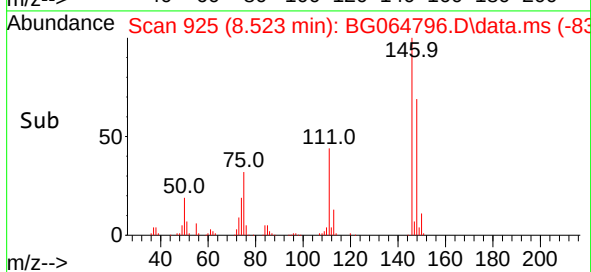
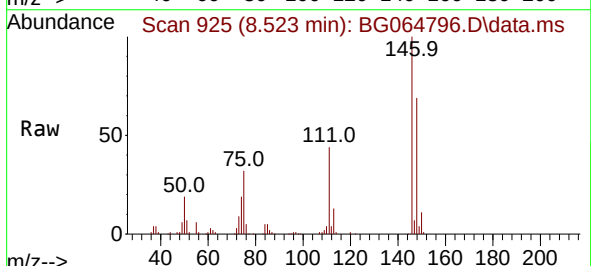
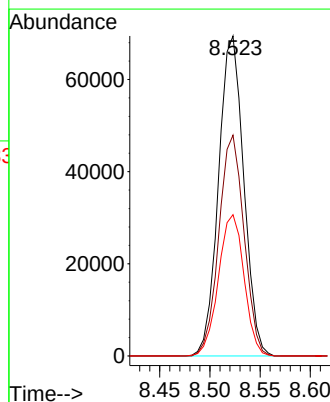
Tgt Ion:146 Resp: 121100

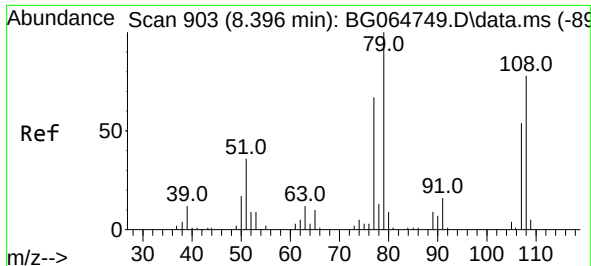
Ion Ratio Lower Upper

146 100

148 69.0 52.0 78.0

111 44.1 34.7 52.1

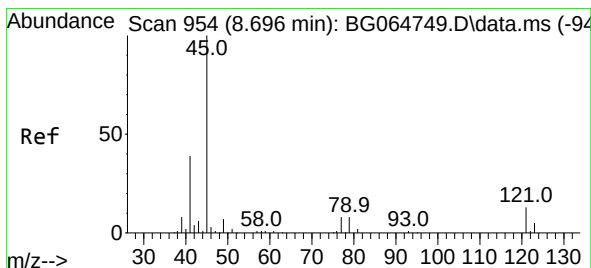
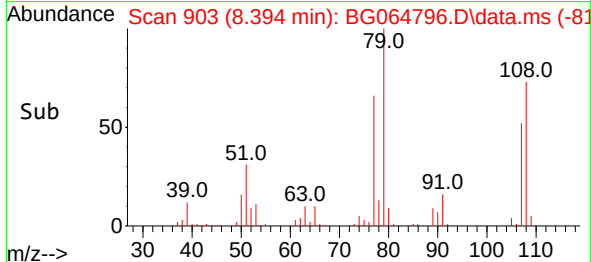
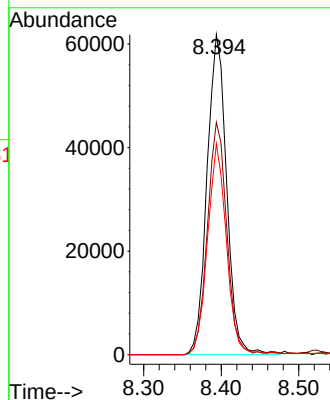
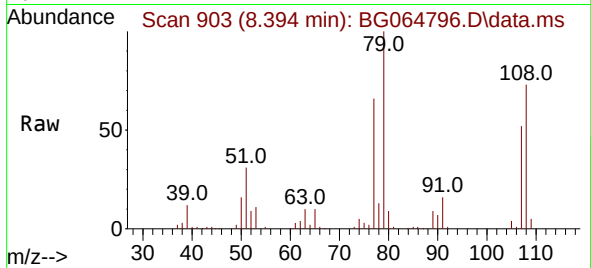




#15
Benzyl Alcohol
Concen: 48.727 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

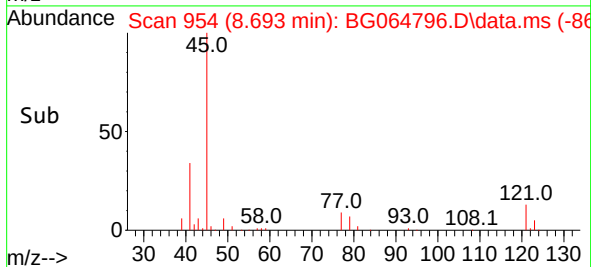
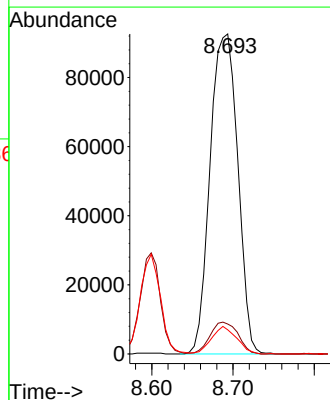
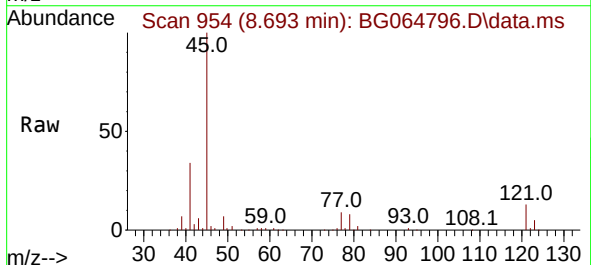
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

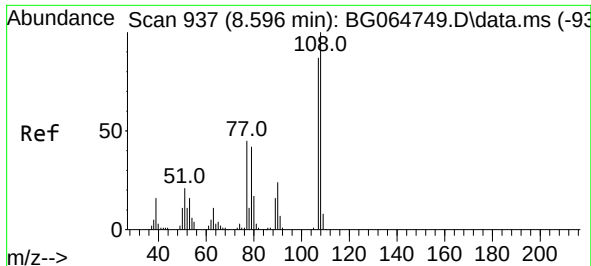
Tgt Ion: 79 Resp: 108598
Ion Ratio Lower Upper
79 100
108 72.7 62.3 93.5
77 65.9 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.092 ng
RT: 8.693 min Scan# 954
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion: 45 Resp: 219395
Ion Ratio Lower Upper
45 100
77 9.4 0.0 28.8
79 7.5 0.0 28.1





#17

2-Methylphenol

Concen: 49.143 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.003 min

Lab File: BG064796.D

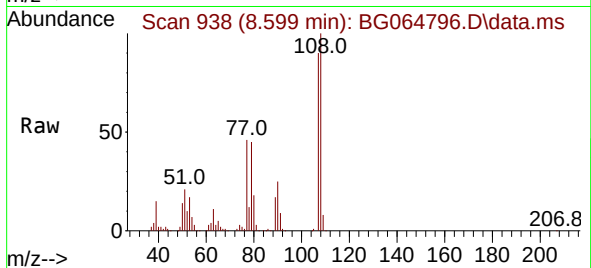
Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS



Tgt Ion:107 Resp: 102724

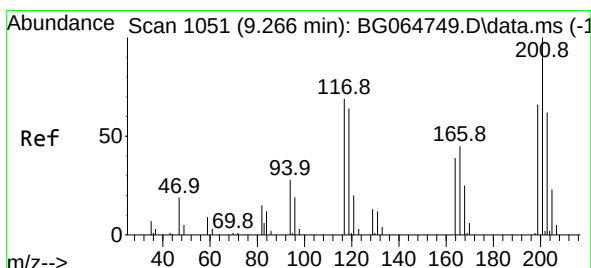
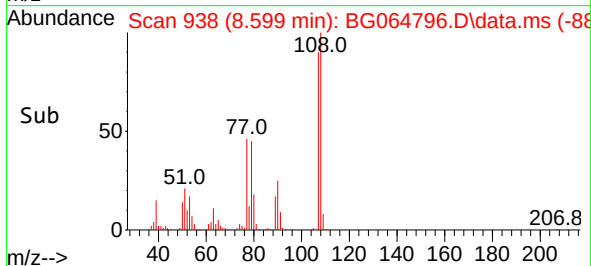
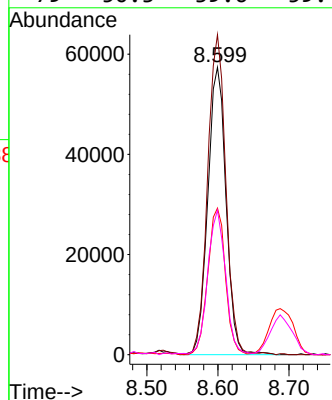
Ion Ratio Lower Upper

107 100

108 111.3 92.6 138.8

77 51.0 41.2 61.8

79 50.3 39.6 59.4



#18

Hexachloroethane

Concen: 45.816 ng

RT: 9.263 min Scan# 1051

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

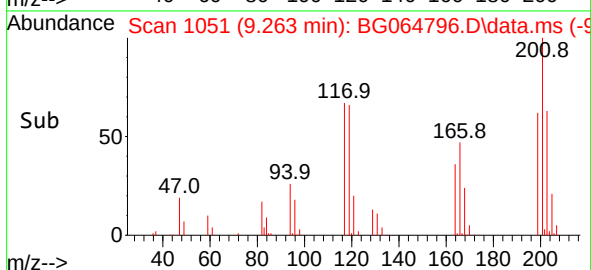
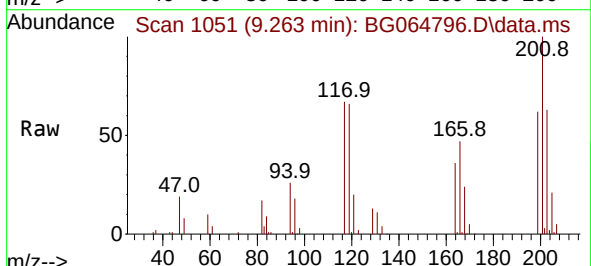
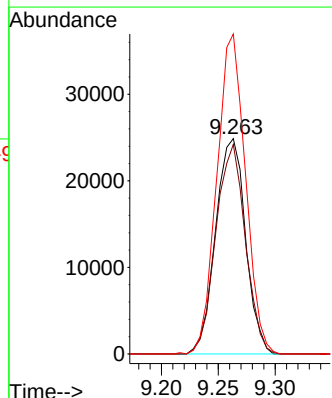
Tgt Ion:117 Resp: 45576

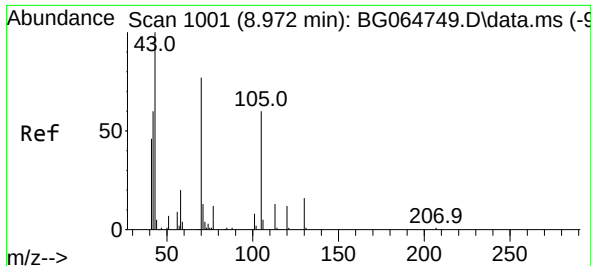
Ion Ratio Lower Upper

117 100

119 97.3 74.4 111.6

201 152.4 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 46.631 ng

RT: 8.964 min Scan# 1001

Delta R.T. -0.009 min

Lab File: BG064796.D

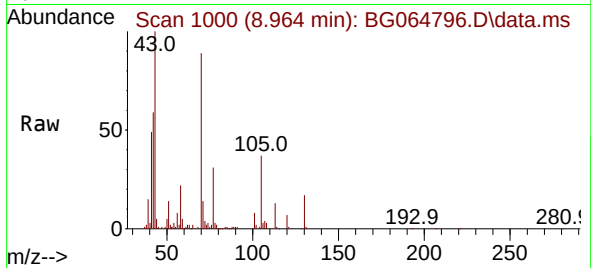
Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS



Tgt Ion: 70 Resp: 85608

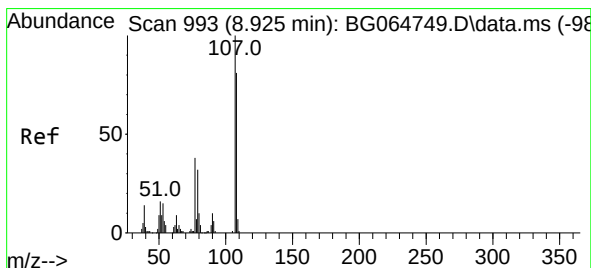
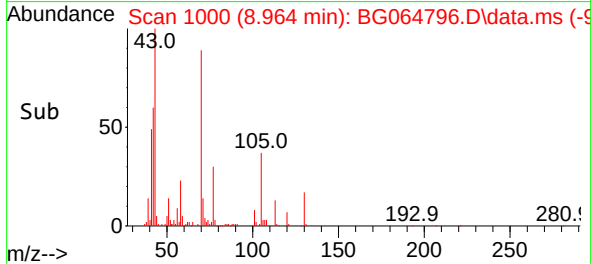
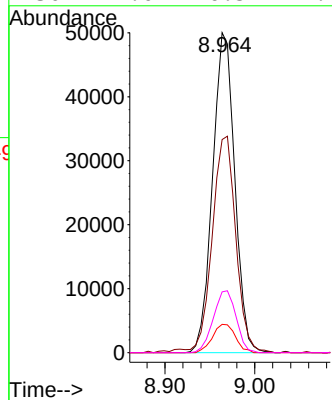
Ion Ratio Lower Upper

70 100

42 66.6 62.6 93.8

101 8.9 8.0 12.0

130 19.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 48.952 ng

RT: 8.922 min Scan# 993

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Tgt Ion: 107 Resp: 140181

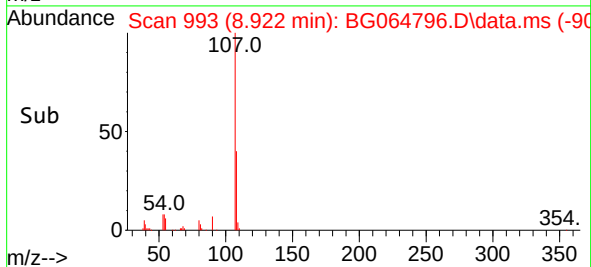
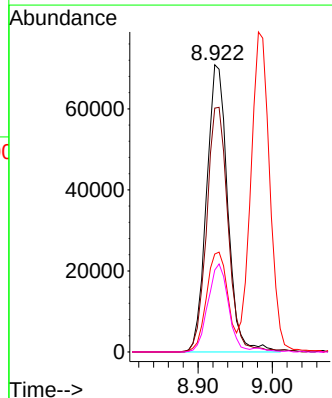
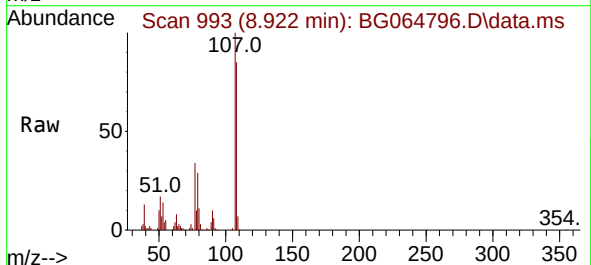
Ion Ratio Lower Upper

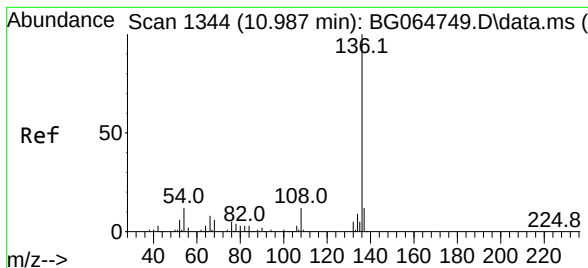
107 100

108 84.9 61.0 101.0

77 34.1 17.6 57.6

79 28.5 12.3 52.3

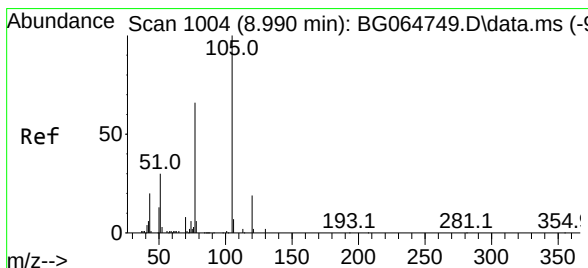
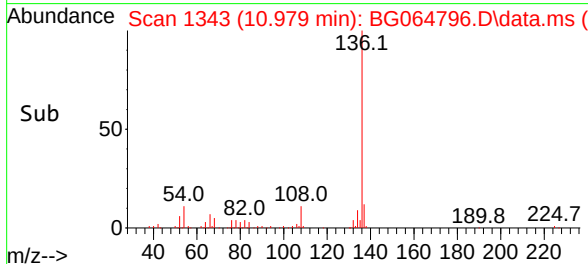
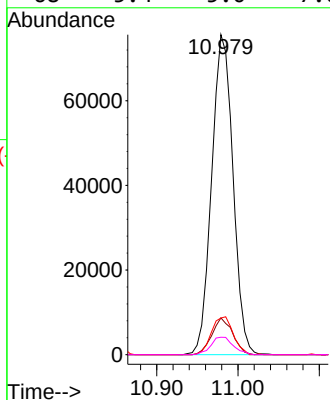
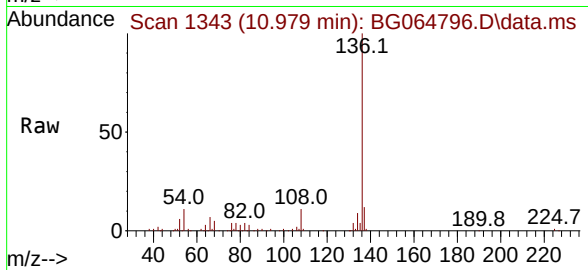




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

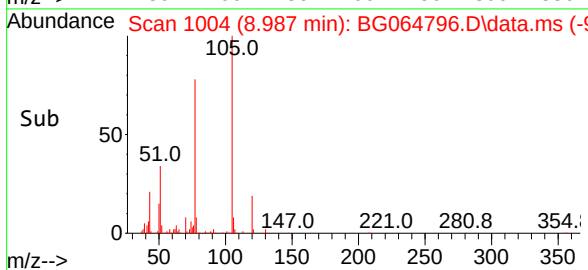
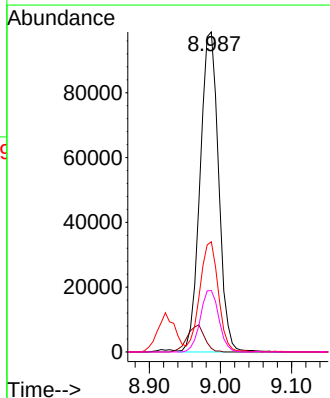
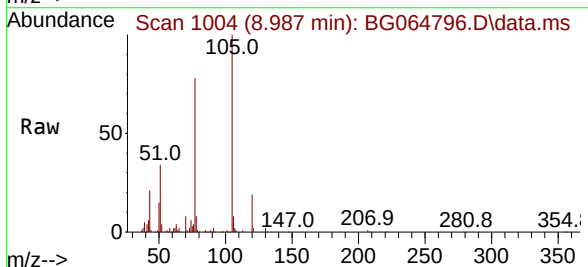
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

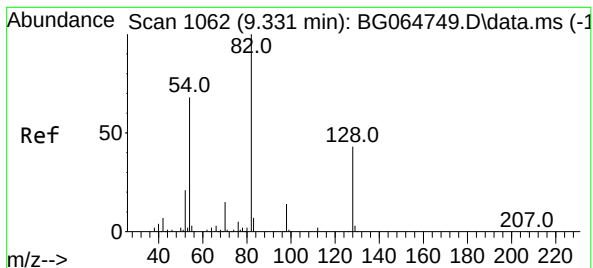
Tgt Ion:	136	Resp:	137981
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	11.5	9.3	13.9
68	5.4	5.0	7.6



#22
Acetophenone
Concen: 47.651 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:	105	Resp:	179131
Ion Ratio	Lower	Upper	
105	100		
71	1.1	1.3	1.9#
51	34.4	27.9	41.9
120	19.2	15.3	22.9





#23

Nitrobenzene-d5

Concen: 72.587 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

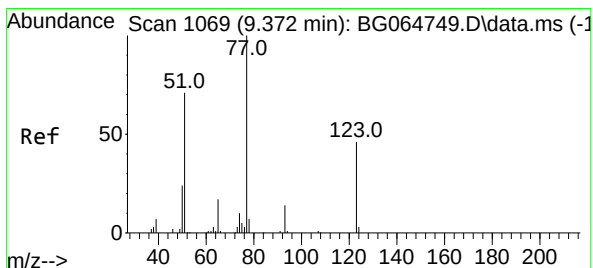
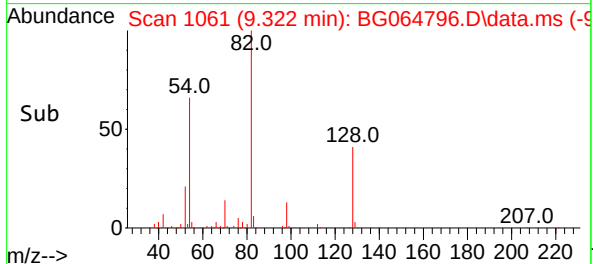
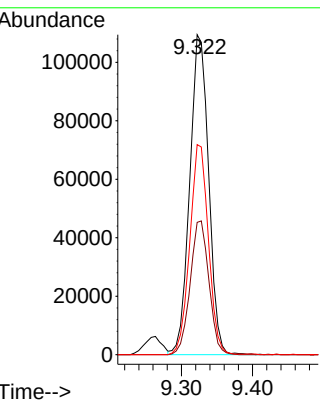
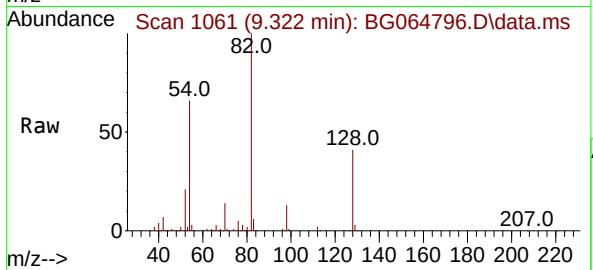
Tgt Ion: 82 Resp: 202570

Ion Ratio Lower Upper

82 100

128 41.3 34.1 51.1

54 65.7 54.3 81.5



#24

Nitrobenzene

Concen: 46.451 ng

RT: 9.369 min Scan# 1069

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

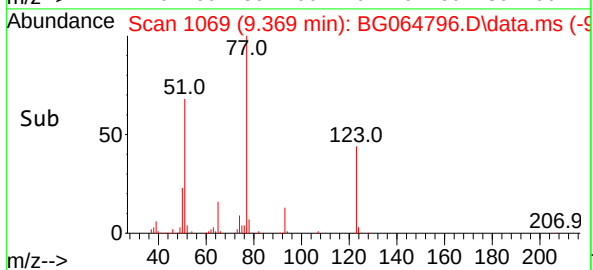
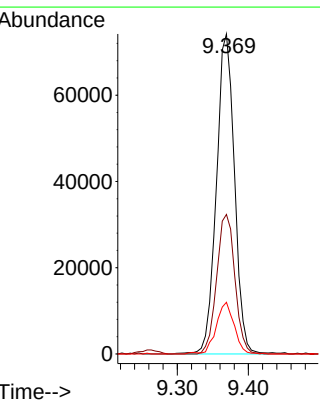
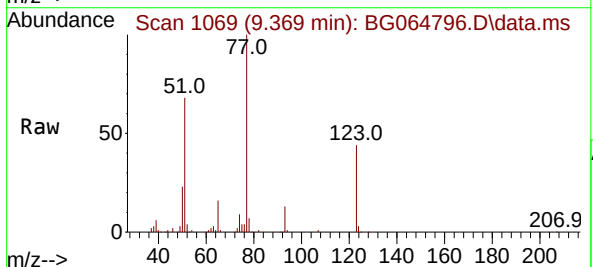
Tgt Ion: 77 Resp: 130982

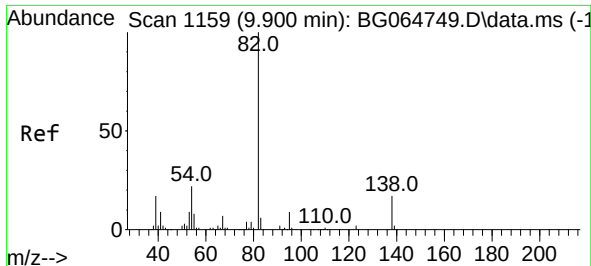
Ion Ratio Lower Upper

77 100

123 43.6 36.5 54.7

65 16.2 13.5 20.3

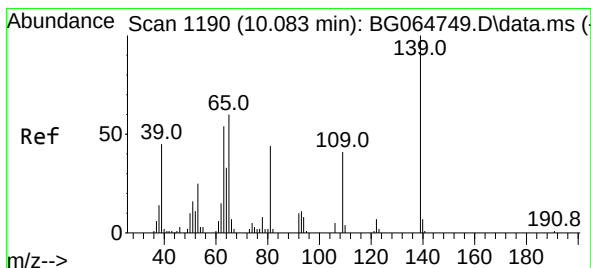
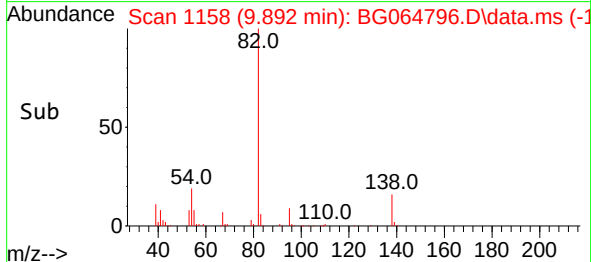
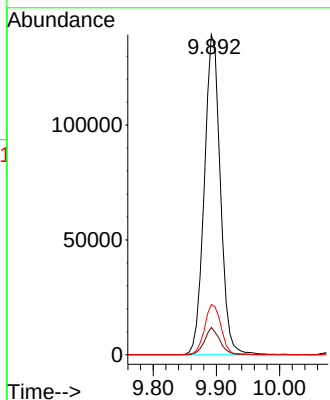
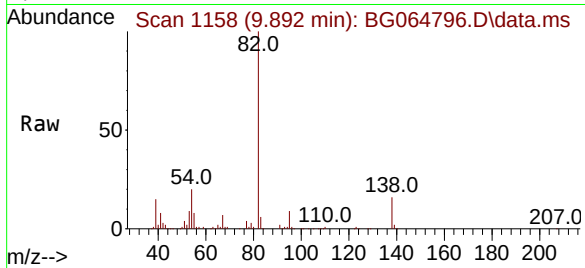




#25
Isophorone
Concen: 46.208 ng
RT: 9.892 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

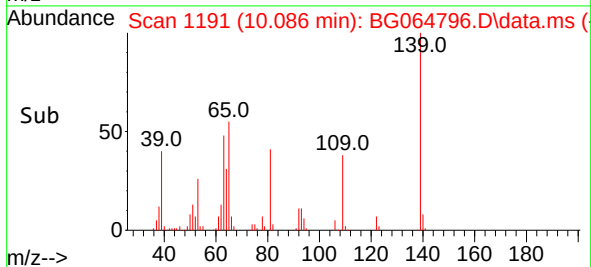
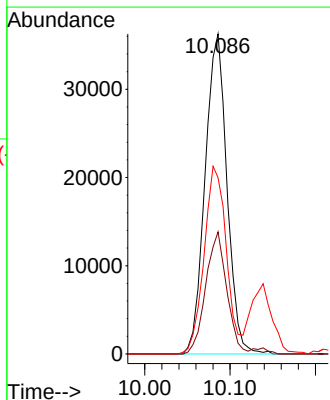
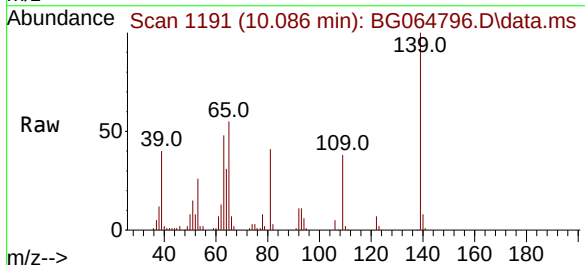
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

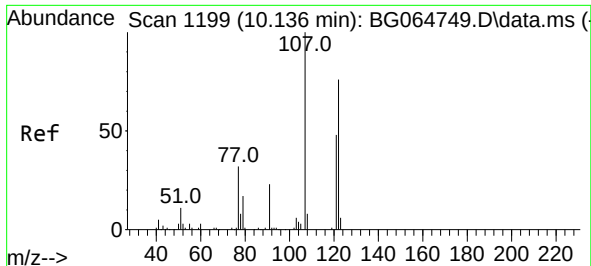
Tgt Ion: 82 Resp: 245569
Ion Ratio Lower Upper
82 100
95 8.5 6.9 10.3
138 15.7 13.9 20.9



#26
2-Nitrophenol
Concen: 51.074 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:139 Resp: 64778
Ion Ratio Lower Upper
139 100
109 38.2 32.5 48.7
65 55.1 47.6 71.4

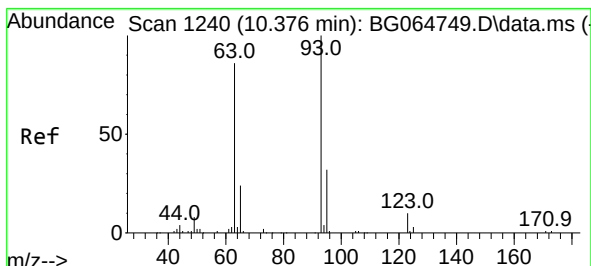
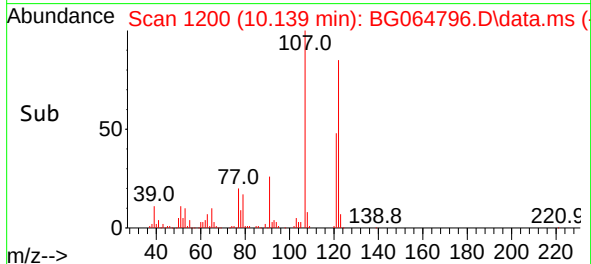
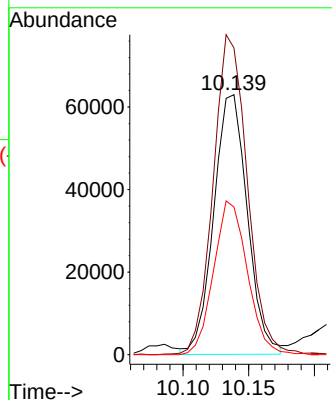
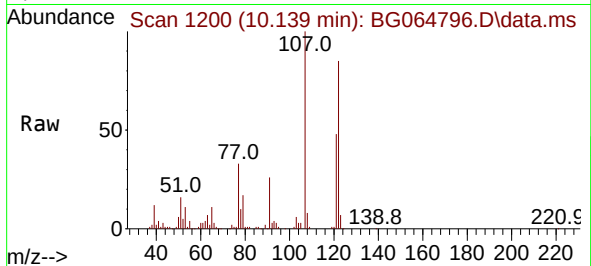




#27
2,4-Dimethylphenol
Concen: 49.794 ng
RT: 10.139 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

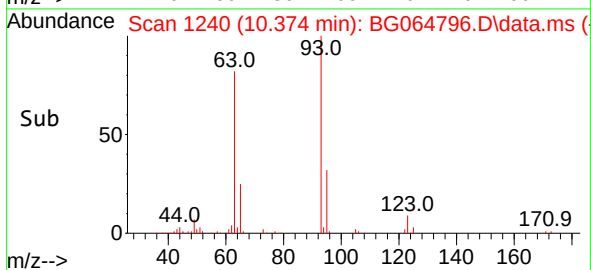
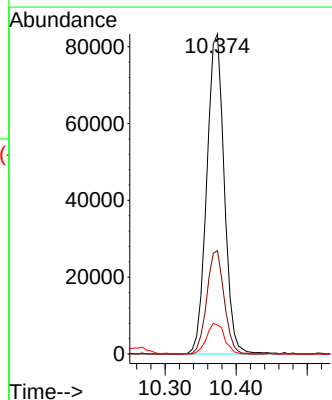
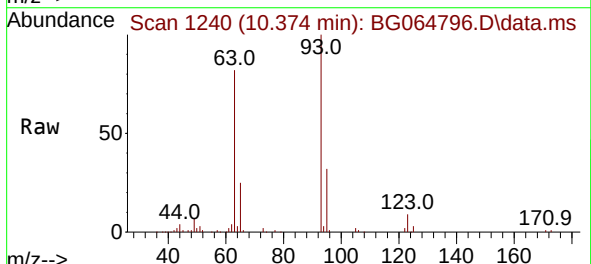
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

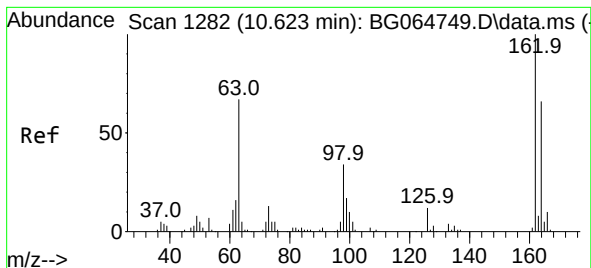
Tgt Ion:122 Resp: 112198
Ion Ratio Lower Upper
122 100
107 118.0 102.5 153.7
121 56.8 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.780 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion: 93 Resp: 142319
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.2
123 9.1 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 51.933 ng

RT: 10.621 min Scan# 1282

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

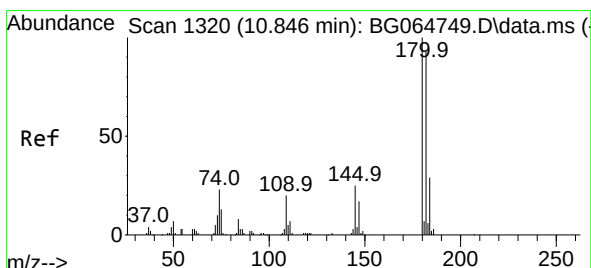
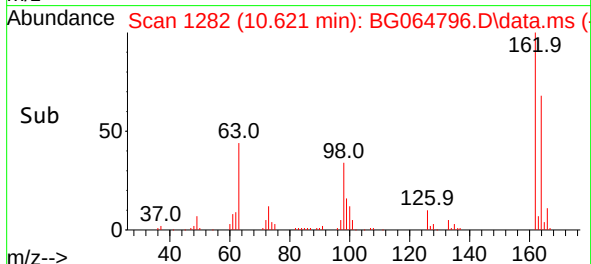
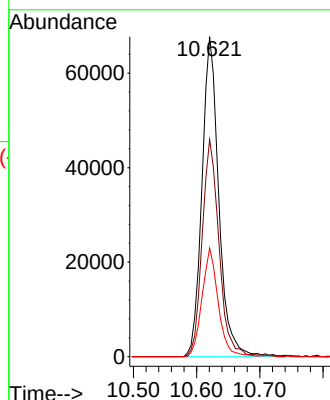
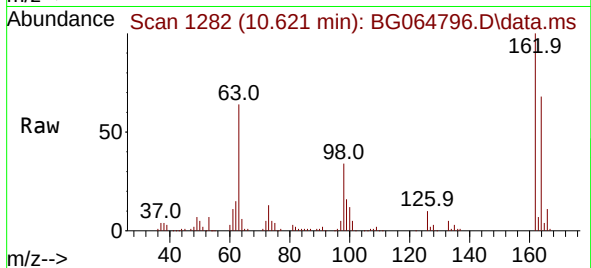
Tgt Ion:162 Resp: 125634

Ion Ratio Lower Upper

162 100

164 67.9 46.0 86.0

98 33.9 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 48.876 ng

RT: 10.844 min Scan# 1320

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

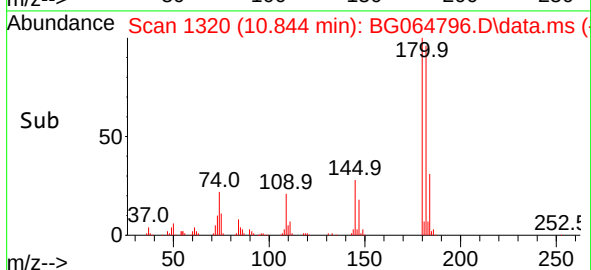
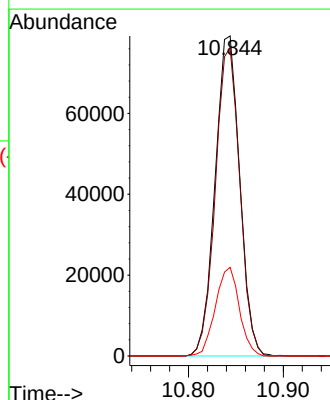
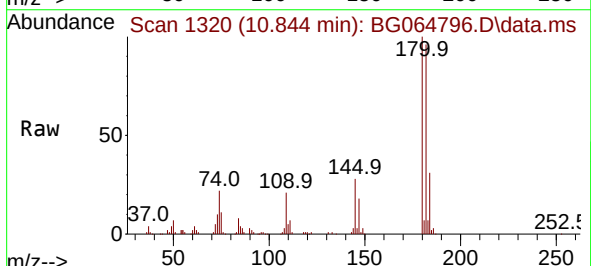
Tgt Ion:180 Resp: 142774

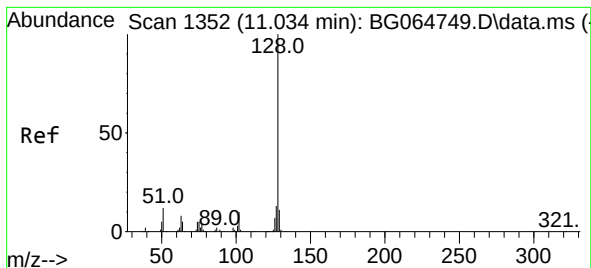
Ion Ratio Lower Upper

180 100

182 96.3 74.2 111.4

145 27.7 20.0 30.0





#31

Naphthalene

Concen: 46.392 ng

RT: 11.032 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

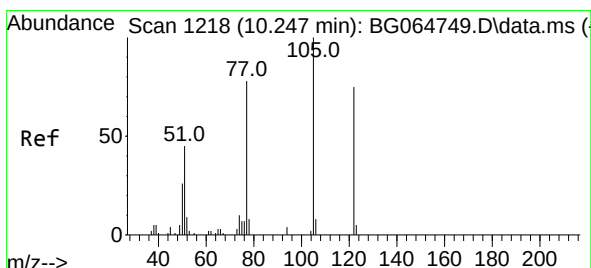
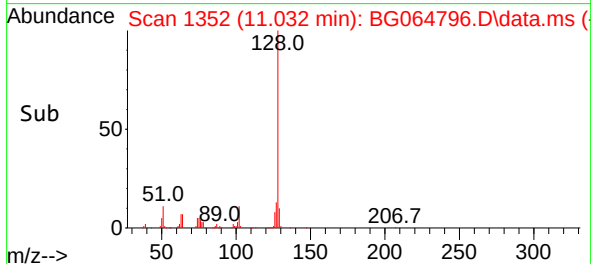
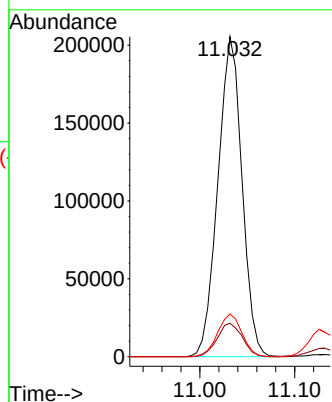
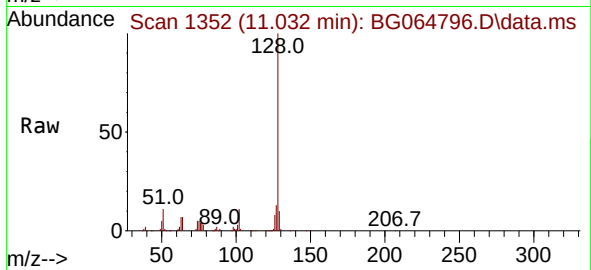
Tgt Ion:128 Resp: 362873

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 48.481 ng

RT: 10.268 min Scan# 1222

Delta R.T. 0.021 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

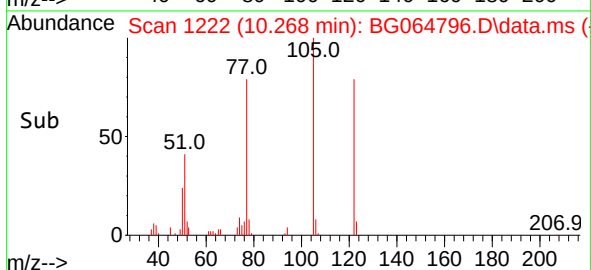
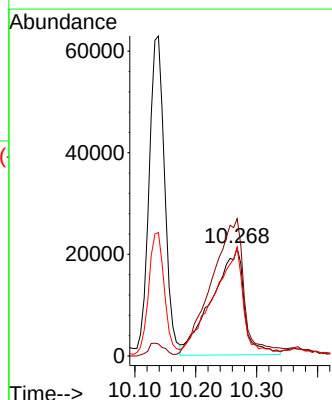
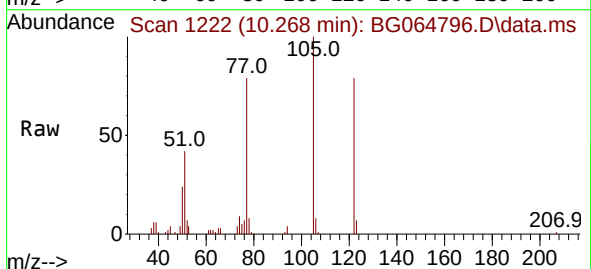
Tgt Ion:122 Resp: 77206

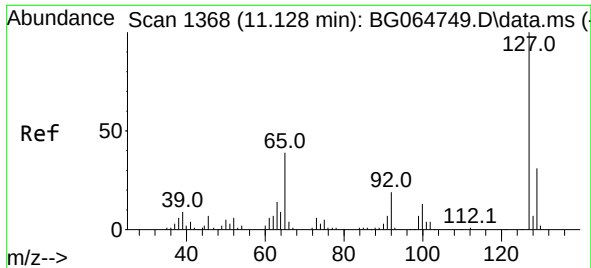
Ion Ratio Lower Upper

122 100

105 126.8 107.6 147.6

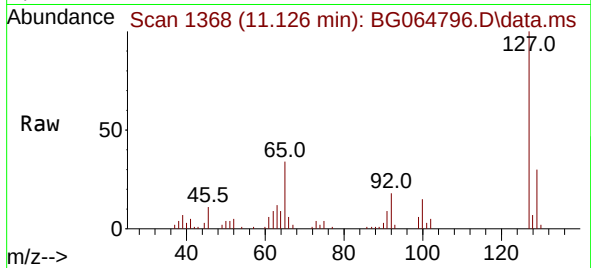
77 100.2 82.5 122.5



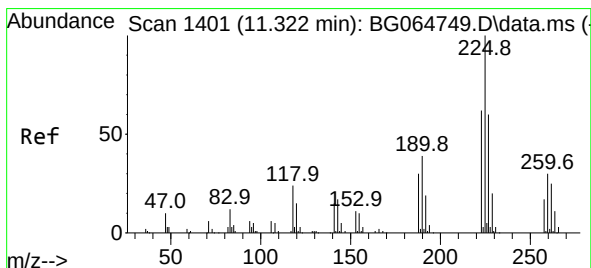
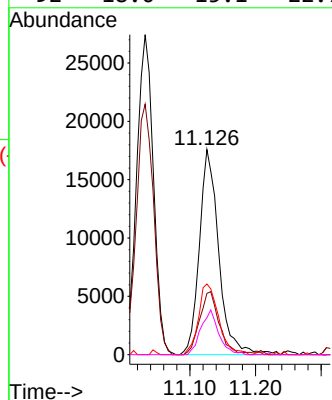
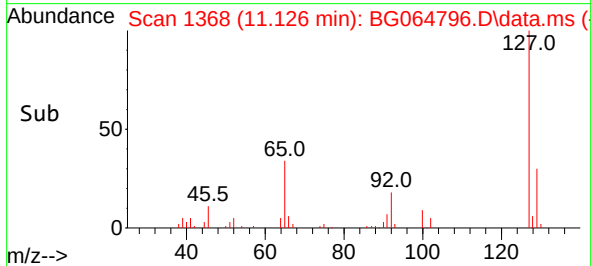


#33
4-Chloroaniline
Concen: 11.598 ng
RT: 11.126 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

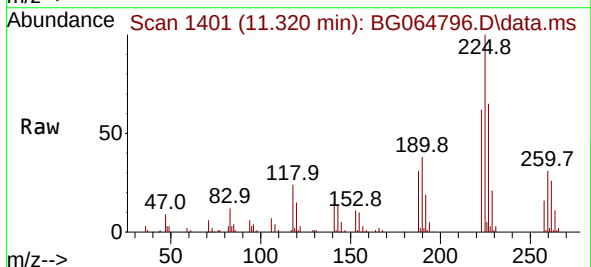
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS



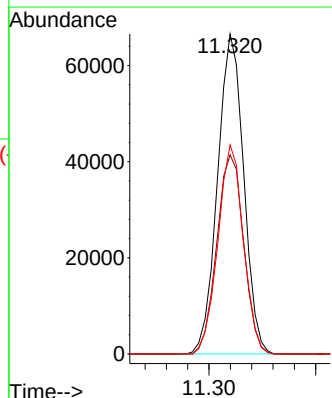
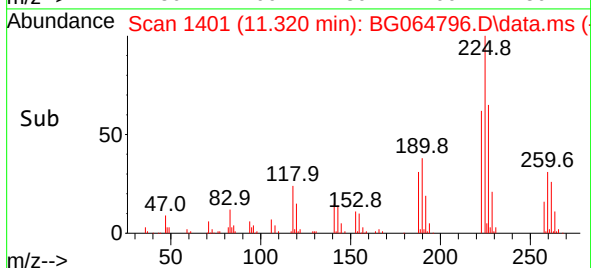
Tgt Ion:	127	Resp:	36291
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.9	37.3
65	34.5	30.9	46.3
92	18.0	15.1	22.7

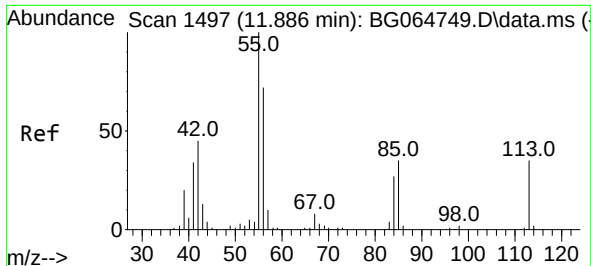


#34
Hexachlorobutadiene
Concen: 45.064 ng
RT: 11.320 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50



Tgt Ion:	225	Resp:	112947
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	68.0	50.6	75.8

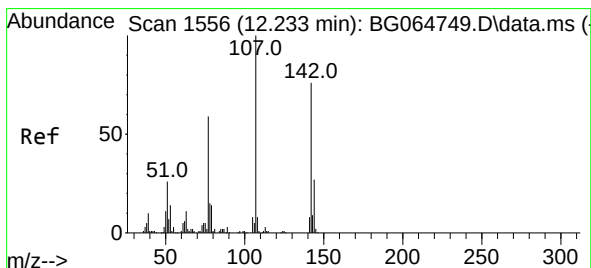
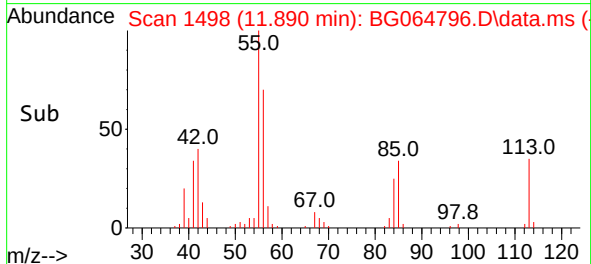
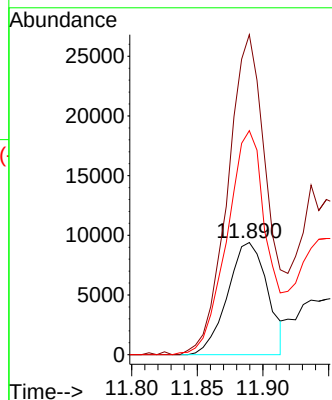
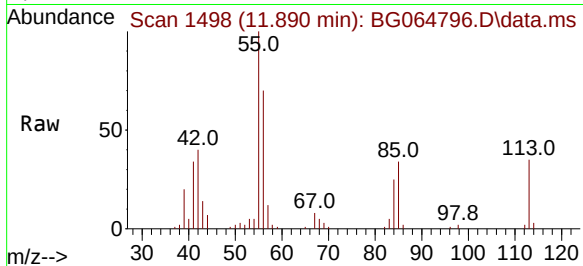




#35
 Caprolactam
 Concen: 27.532 ng
 RT: 11.890 min Scan# 1497
 Delta R.T. 0.003 min
 Lab File: BG064796.D
 Acq: 17 Nov 2025 22:50

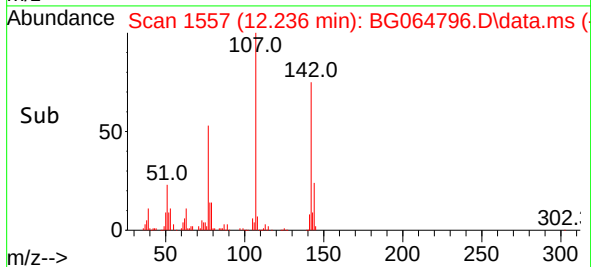
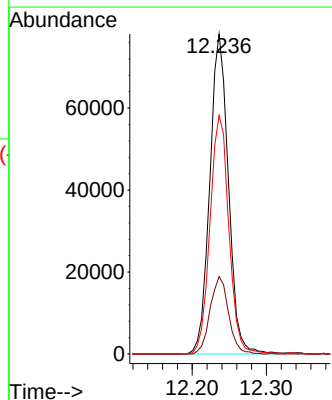
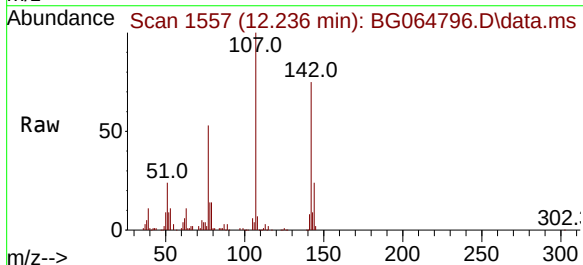
Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MS

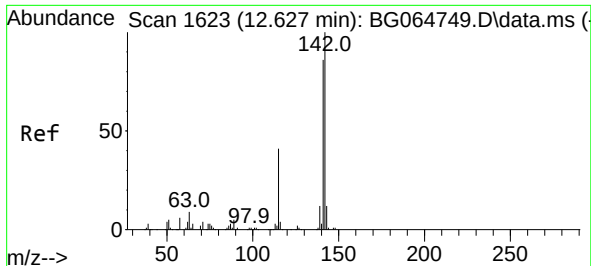
Tgt Ion	Ratio	Lower	Upper
113	100		
55	285.3	263.7	303.7
56	199.6	184.0	224.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.487 ng
 RT: 12.236 min Scan# 1557
 Delta R.T. 0.003 min
 Lab File: BG064796.D
 Acq: 17 Nov 2025 22:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	21.7	32.5
142	74.5	60.8	91.2

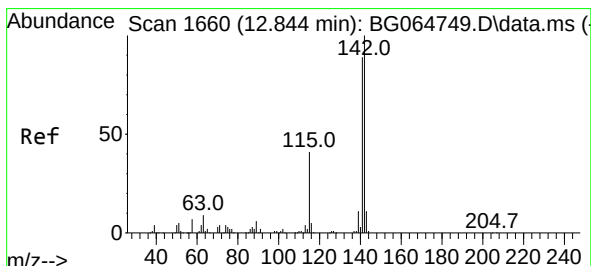
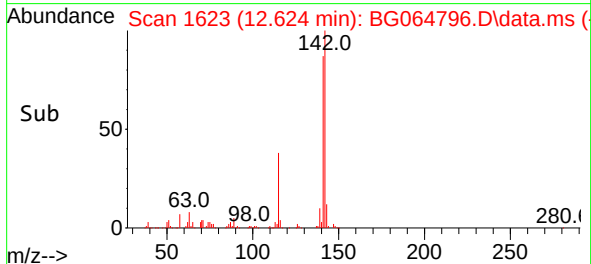
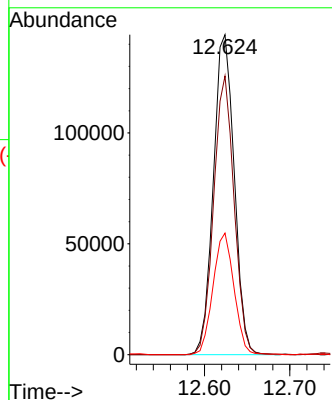
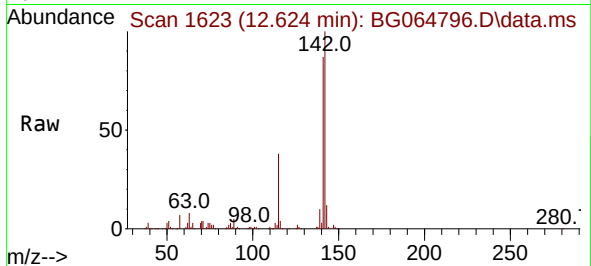




#37
2-Methylnaphthalene
Concen: 41.881 ng
RT: 12.624 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

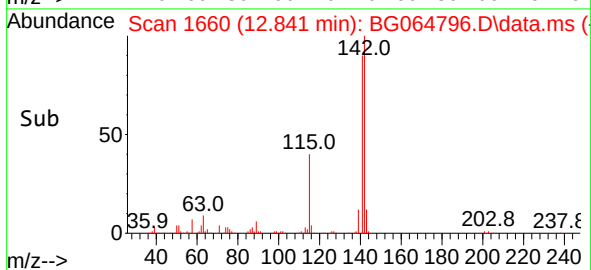
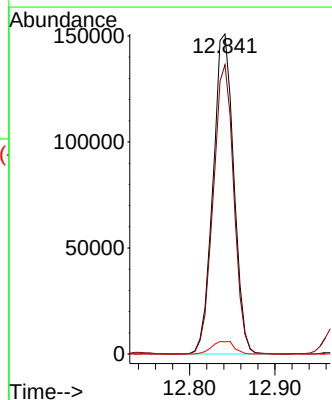
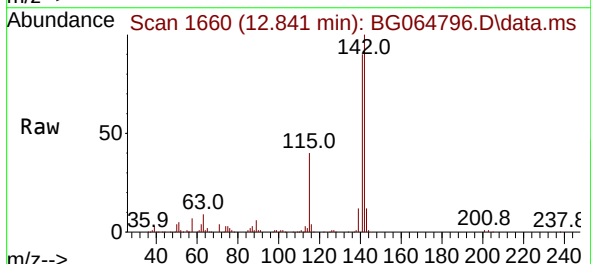
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

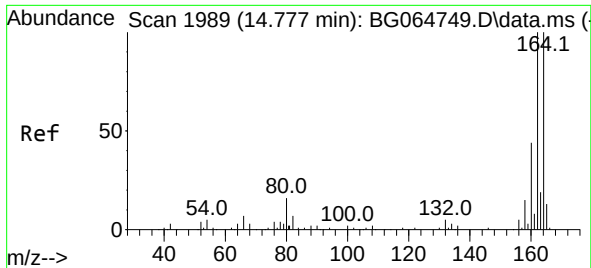
Tgt Ion:142 Resp: 245144
Ion Ratio Lower Upper
142 100
141 87.1 69.1 103.7
115 38.0 32.9 49.3



#38
1-Methylnaphthalene
Concen: 43.878 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:142 Resp: 255126
Ion Ratio Lower Upper
142 100
141 90.4 70.8 106.2
116 3.8 3.7 5.5

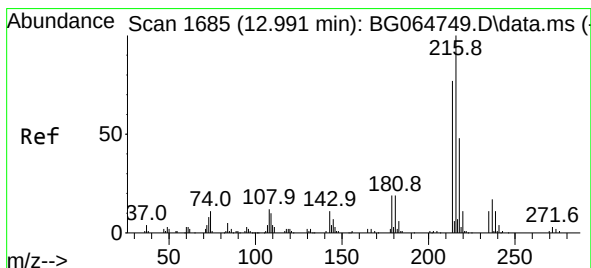
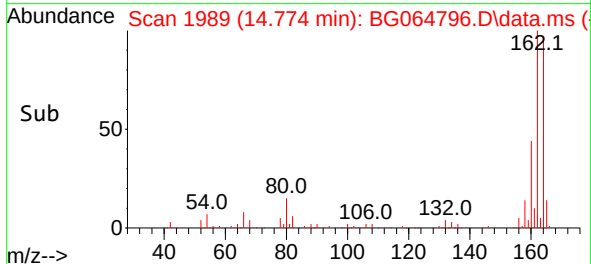
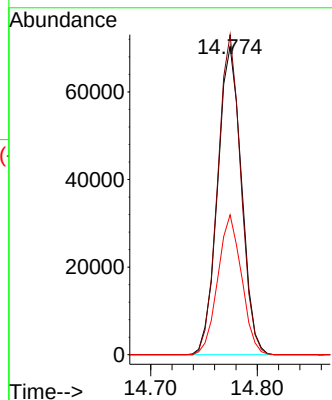
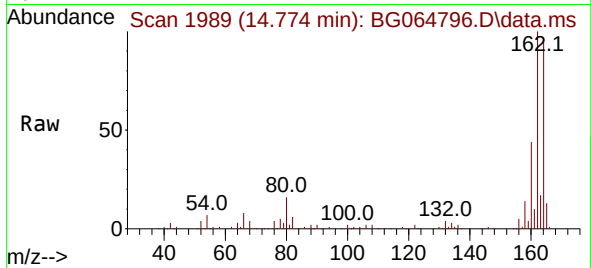




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

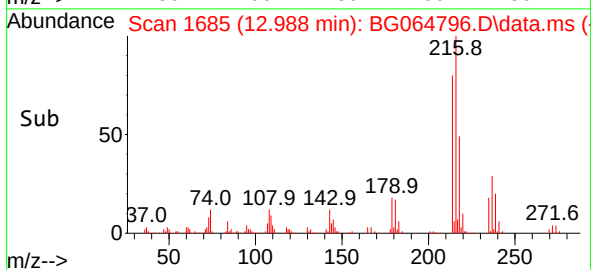
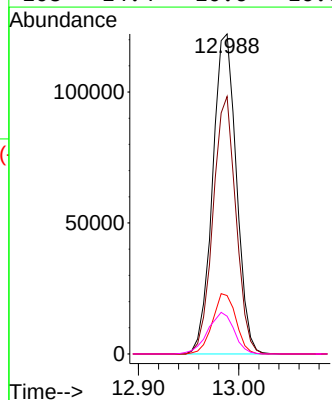
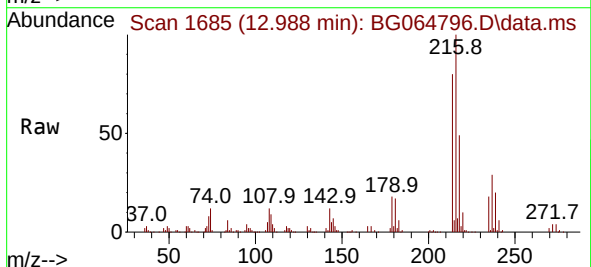
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

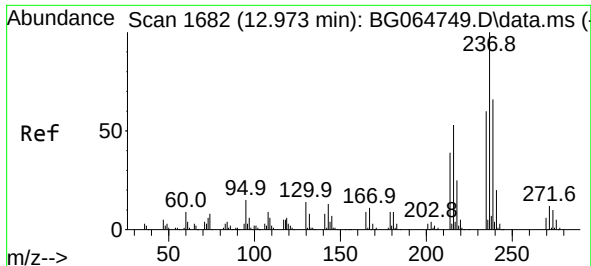
Tgt Ion:164 Resp: 109267
Ion Ratio Lower Upper
164 100
162 103.9 79.8 119.6
160 45.4 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.361 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:216 Resp: 201397
Ion Ratio Lower Upper
216 100
214 77.1 60.5 90.7
179 18.5 14.7 22.1
108 14.4 10.6 16.0

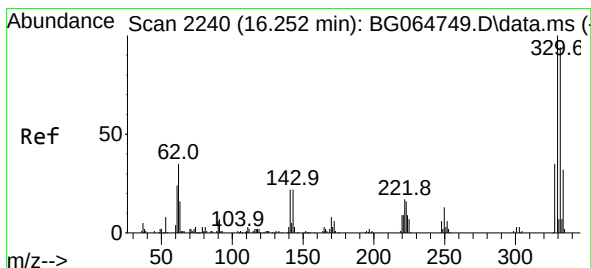
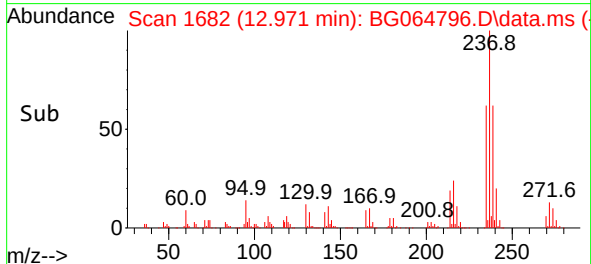
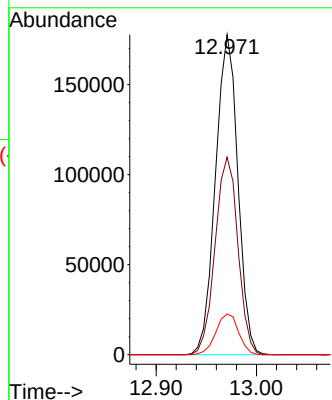
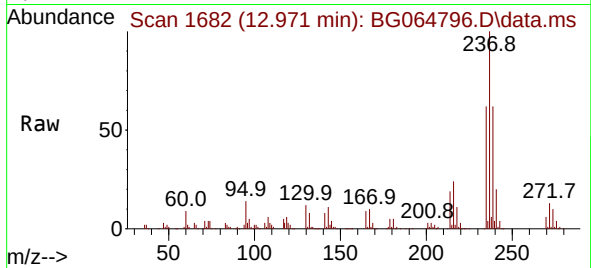




#41
Hexachlorocyclopentadiene
Concen: 90.187 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

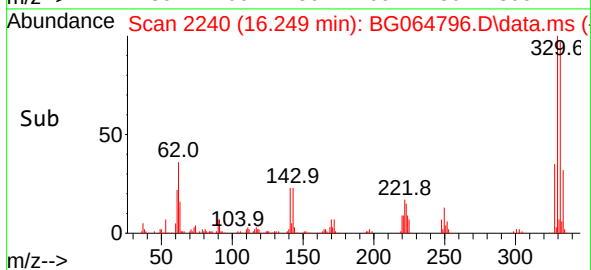
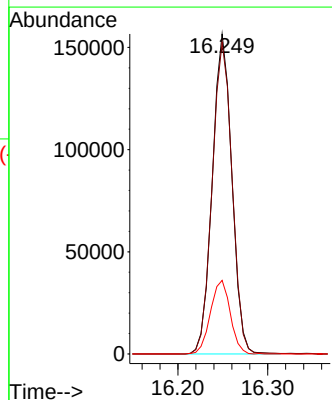
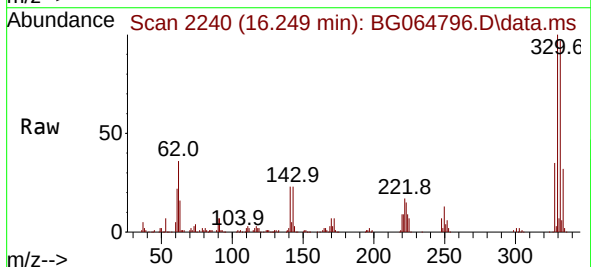
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

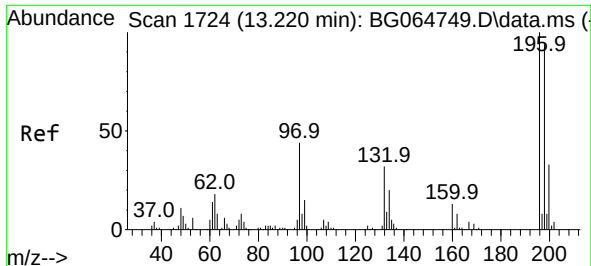
Tgt Ion:237 Resp: 274888
Ion Ratio Lower Upper
237 100
235 61.7 40.2 80.2
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 110.951 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:330 Resp: 236442
Ion Ratio Lower Upper
330 100
332 99.1 77.0 115.6
141 23.3 18.2 27.2

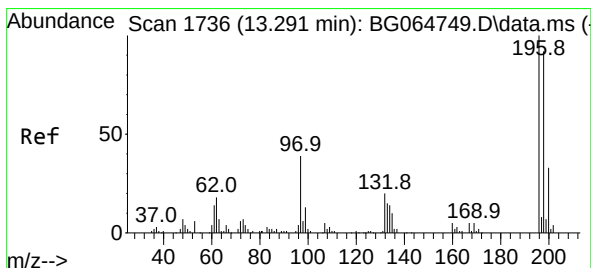
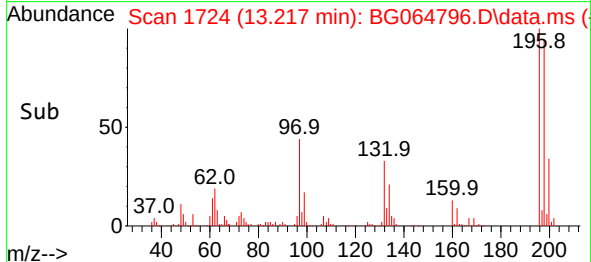
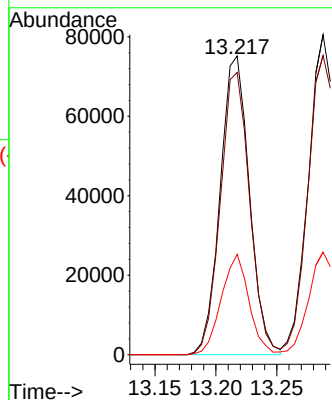
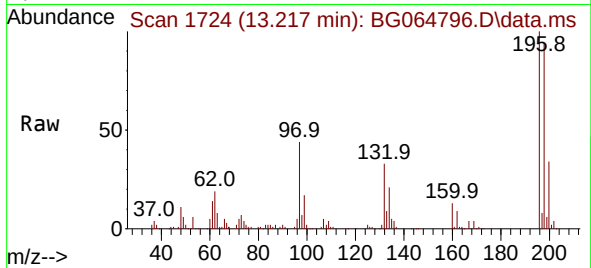




#43
2,4,6-Trichlorophenol
Concen: 50.334 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

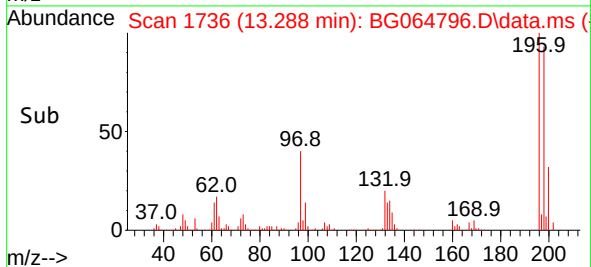
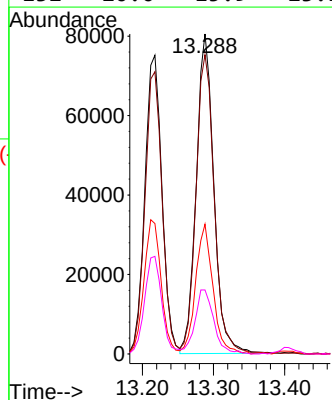
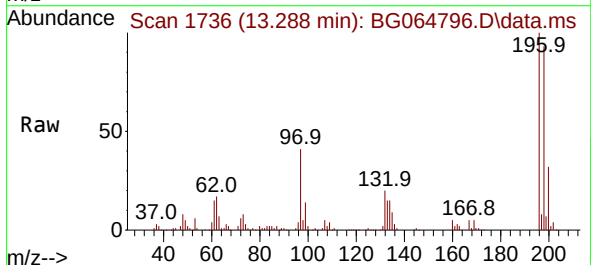
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

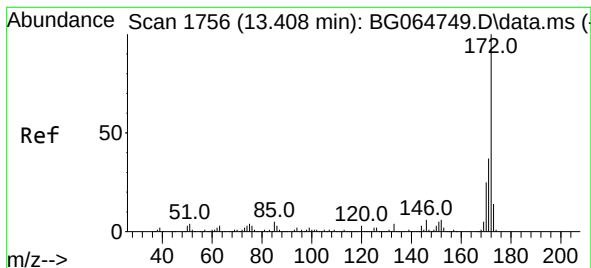
Tgt Ion:196 Resp: 125622
Ion Ratio Lower Upper
196 100
198 94.5 75.3 112.9
200 33.6 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 49.701 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:196 Resp: 139123
Ion Ratio Lower Upper
196 100
198 93.5 73.2 109.8
97 40.5 31.4 47.0
132 20.0 15.9 23.9

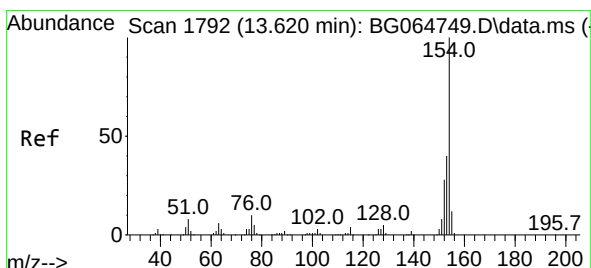
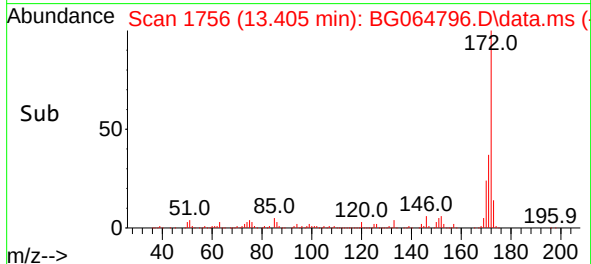
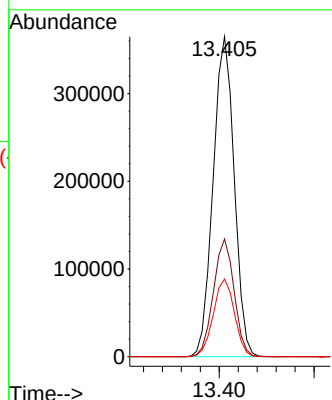
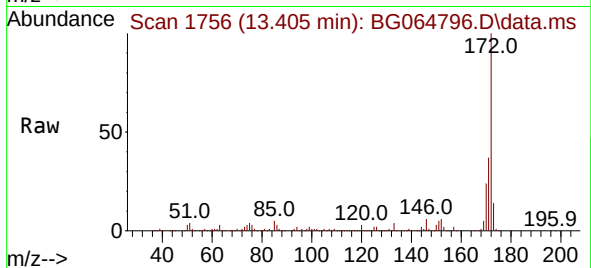




#45
2-Fluorobiphenyl
Concen: 71.824 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

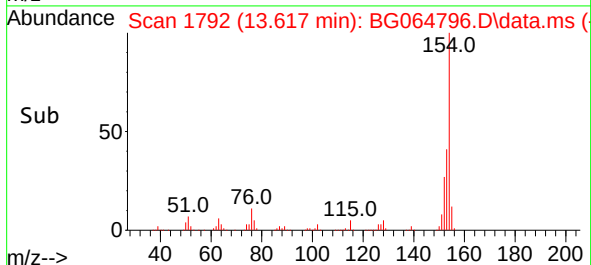
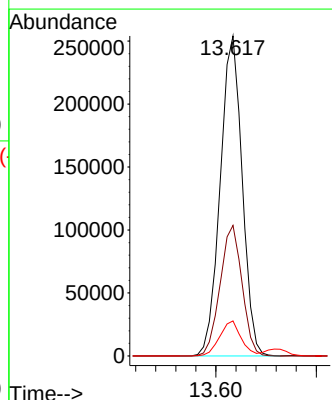
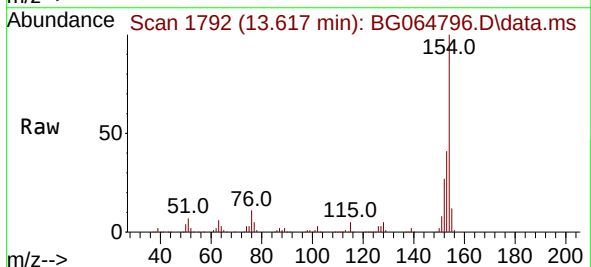
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

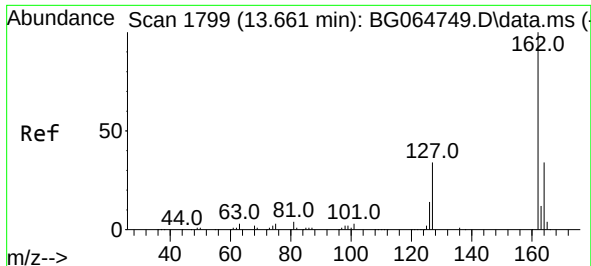
Tgt Ion:172 Resp: 562446
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 49.059 ng
RT: 13.617 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:154 Resp: 385008
Ion Ratio Lower Upper
154 100
153 40.8 19.8 59.8
76 10.9 0.0 30.0

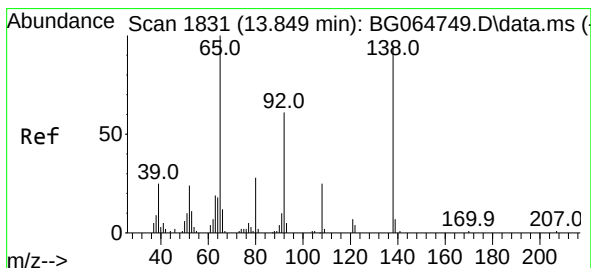
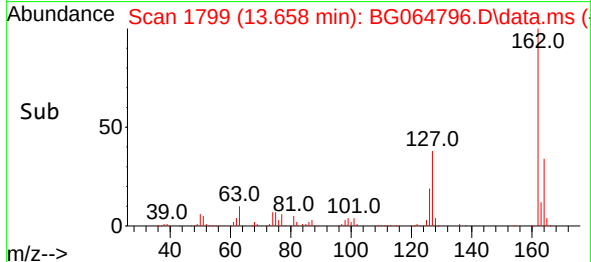
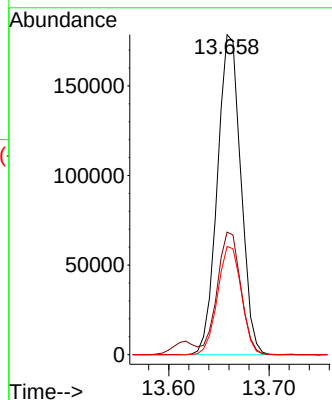
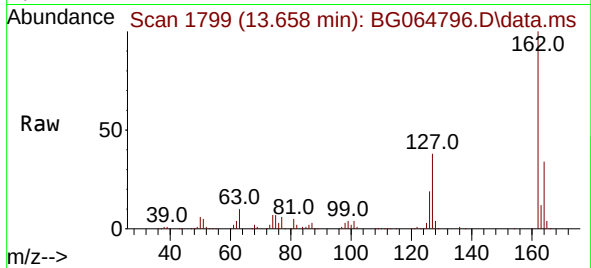




#47
2-Chloronaphthalene
Concen: 46.881 ng
RT: 13.658 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

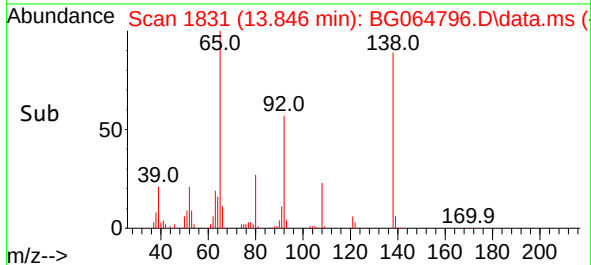
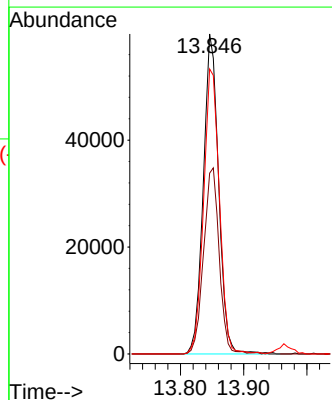
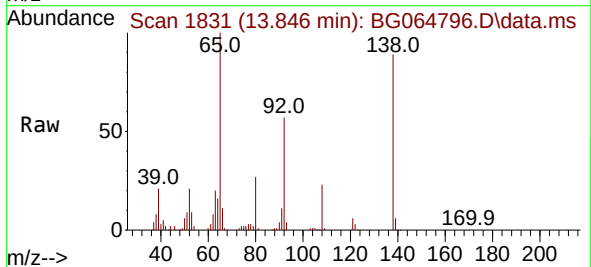
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

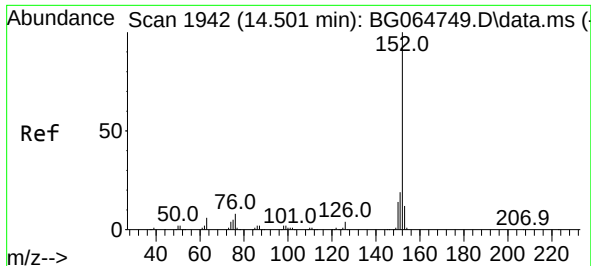
Tgt Ion:	162	Resp:	289859
Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.3	45.5
164	33.8	26.8	40.2



#48
2-Nitroaniline
Concen: 50.536 ng
RT: 13.846 min Scan# 1831
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:	65	Resp:	100497
Ion	Ratio	Lower	Upper
65	100		
92	56.5	48.6	73.0
138	89.0	76.4	114.6

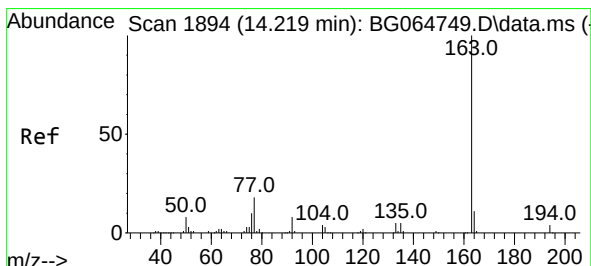
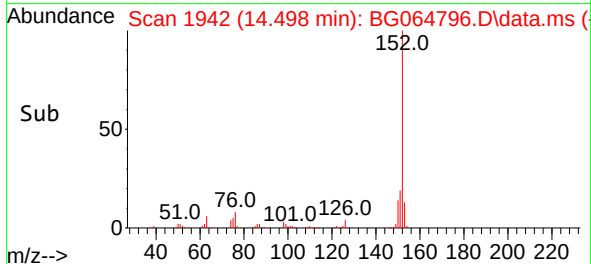
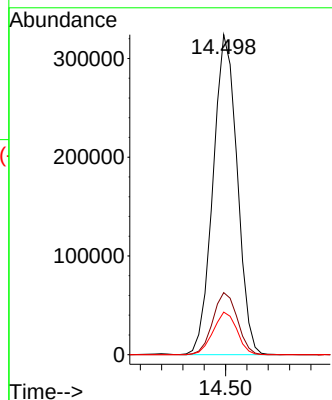
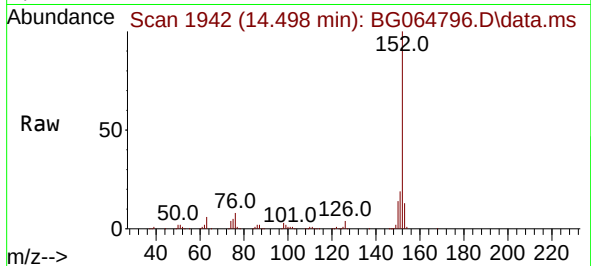




#49
Acenaphthylene
Concen: 48.315 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

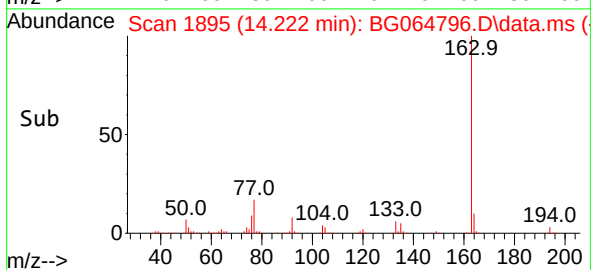
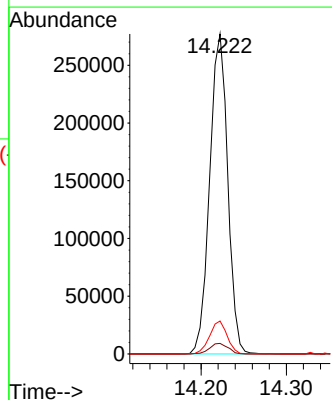
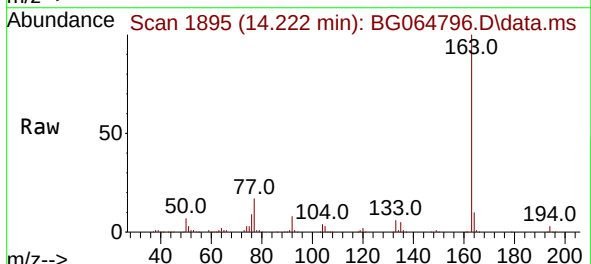
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

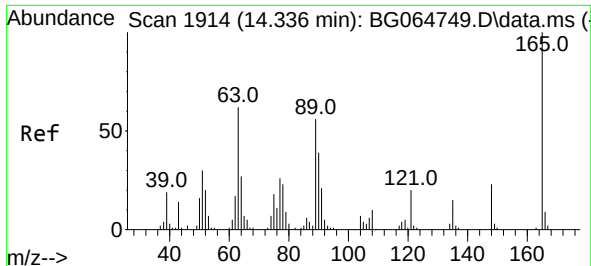
Tgt Ion:152	Resp: 510337
Ion Ratio	Lower Upper
152 100	
151 19.4	15.0 22.4
153 13.3	9.9 14.9



#50
Dimethylphthalate
Concen: 47.262 ng
RT: 14.222 min Scan# 1895
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:163	Resp: 407935		
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.1	4.7
164	10.3	8.6	12.8

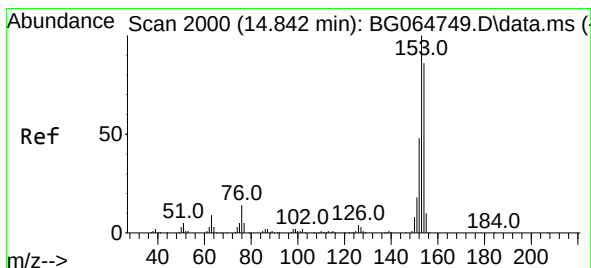
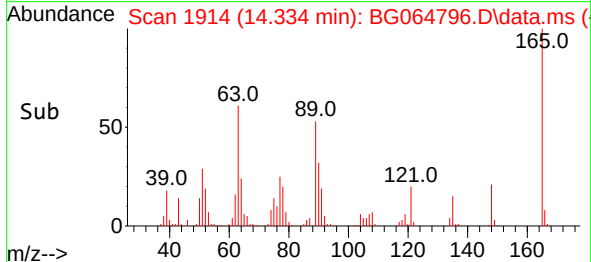
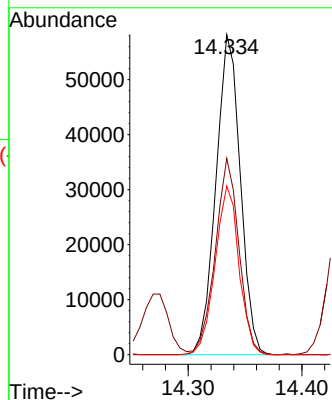
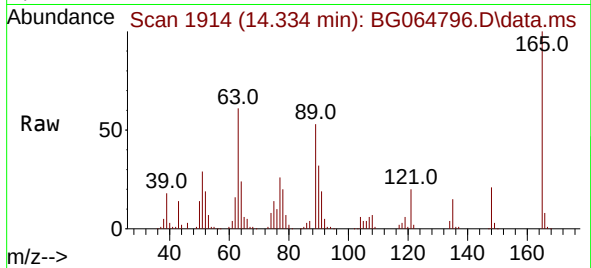




#51
2,6-Dinitrotoluene
Concen: 52.205 ng
RT: 14.334 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

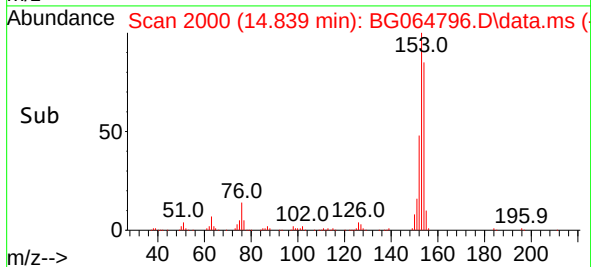
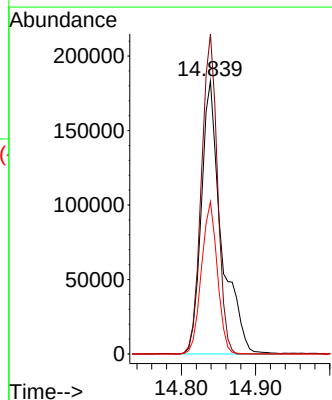
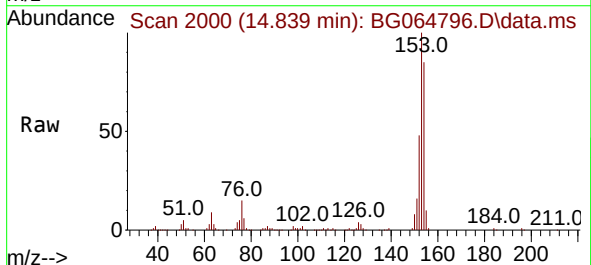
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

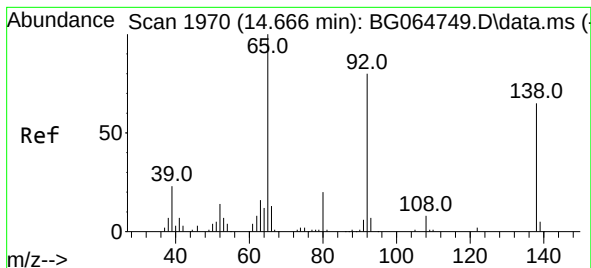
Tgt Ion:165	Resp:	86706
Ion Ratio	Lower	Upper
165	100	
63	61.4	49.8 74.8
89	52.7	45.0 67.4



#52
Acenaphthene
Concen: 54.493 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:154	Resp:	345121
Ion Ratio	Lower	Upper
154	100	
153	117.3	93.0 139.4
152	55.8	44.4 66.6

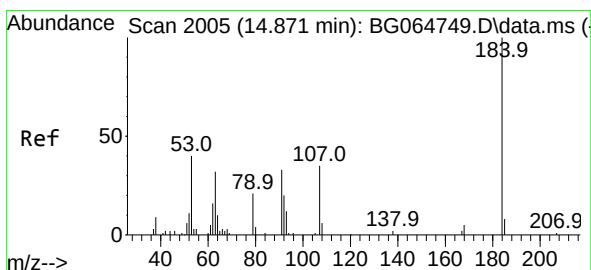
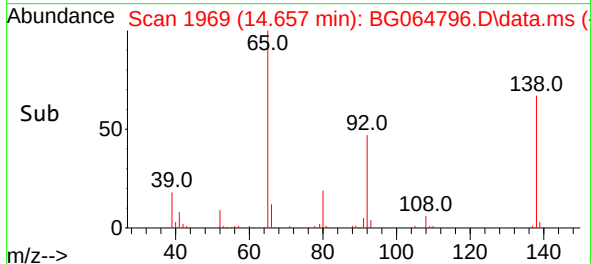
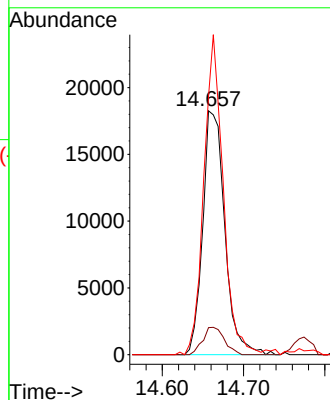
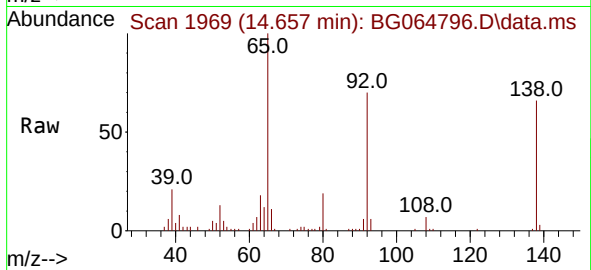




#53
3-Nitroaniline
Concen: 20.978 ng
RT: 14.657 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

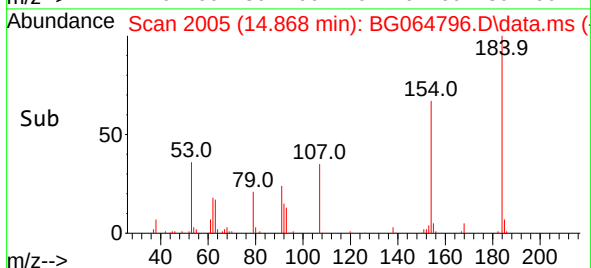
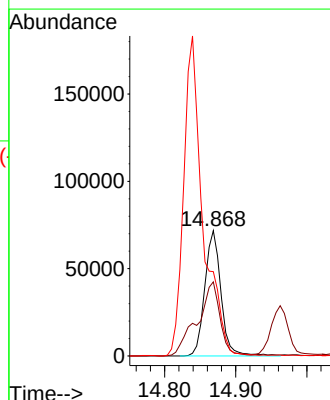
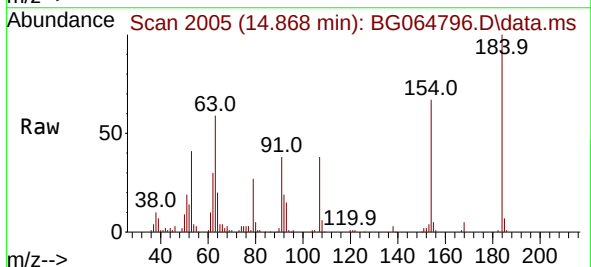
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

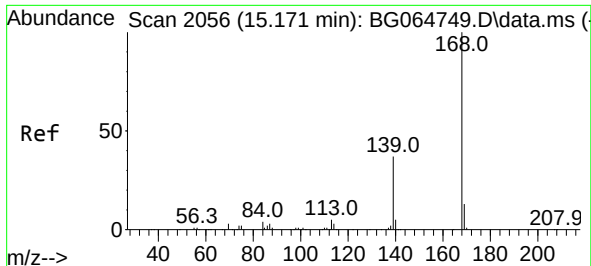
Tgt Ion:138 Resp: 34388
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 105.8 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 98.155 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:184 Resp: 114155
Ion Ratio Lower Upper
184 100
63 59.1 45.8 68.6
154 67.3 52.6 78.8

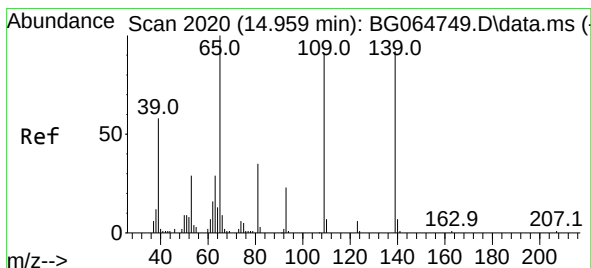
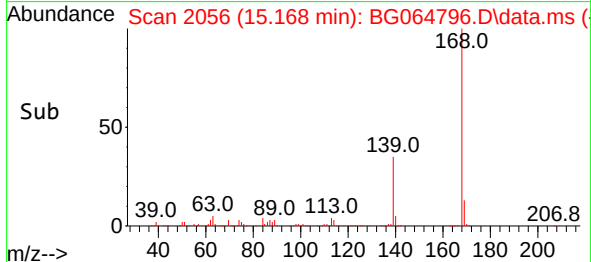
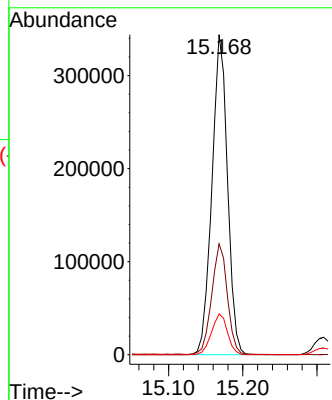
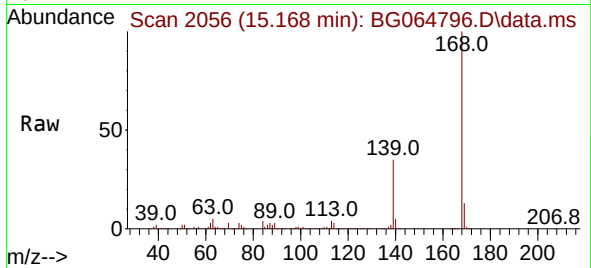




#55
Dibenzofuran
Concen: 47.790 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

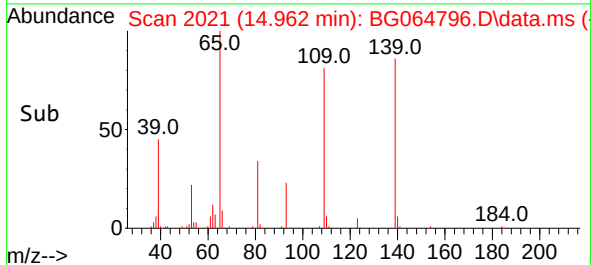
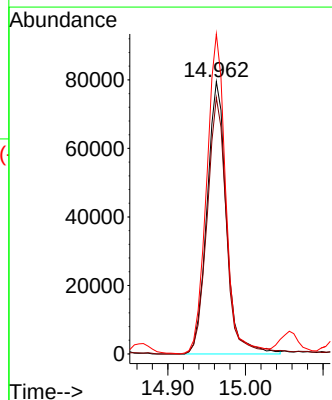
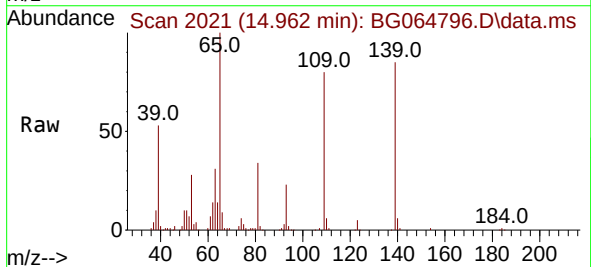
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

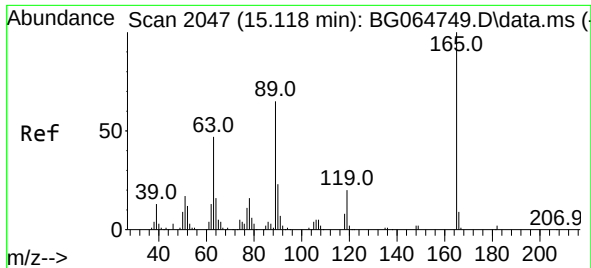
Tgt Ion:168 Resp: 500377
Ion Ratio Lower Upper
168 100
139 34.7 29.5 44.3
169 12.7 10.4 15.6



#56
4-Nitrophenol
Concen: 106.554 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:139 Resp: 138584
Ion Ratio Lower Upper
139 100
109 94.2 79.7 119.7
65 117.5 89.9 129.9

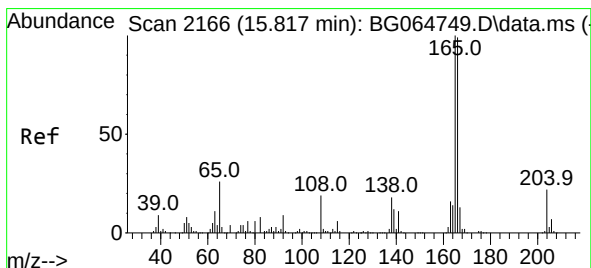
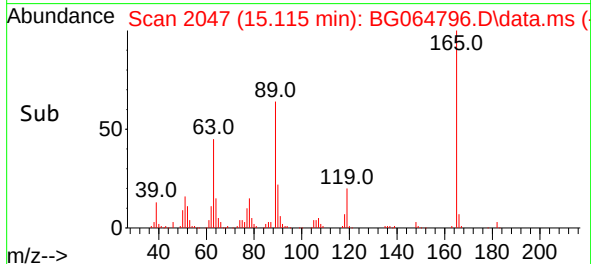
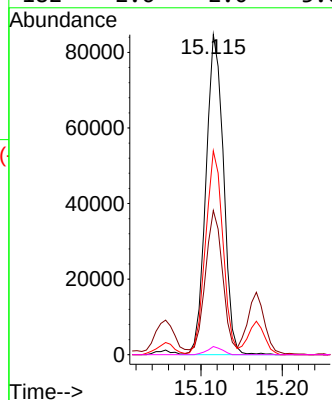
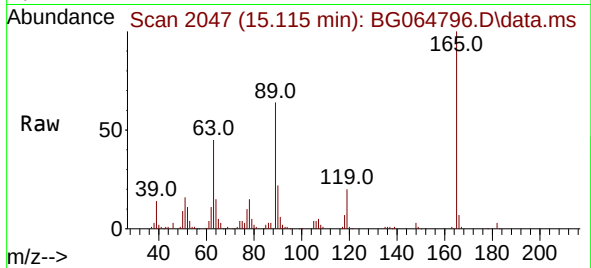




#57
2,4-Dinitrotoluene
Concen: 51.006 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

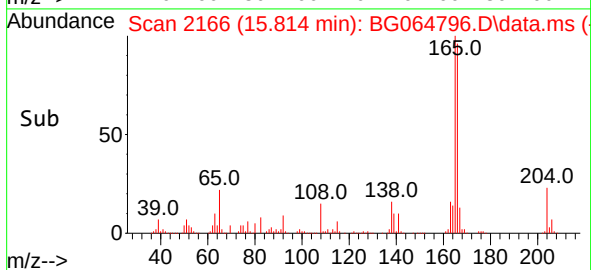
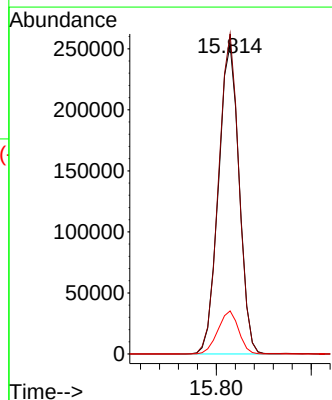
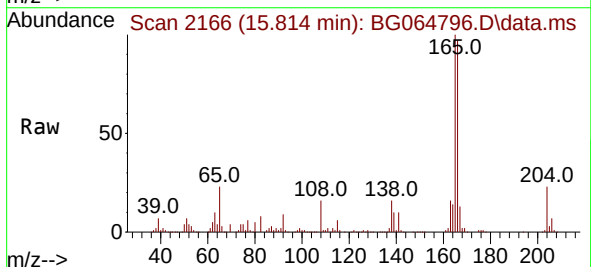
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

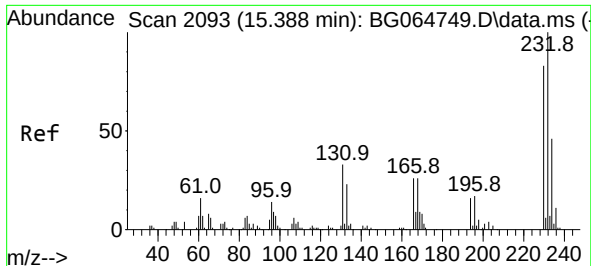
Tgt Ion:165	Resp:	127005
Ion Ratio	Lower	Upper
165	100	
63	45.1	37.8 56.6
89	63.7	51.6 77.4
182	2.6	2.0 3.0



#58
Fluorene
Concen: 46.703 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:166	Resp:	383525
Ion Ratio	Lower	Upper
166	100	
165	103.5	80.5 120.7
167	13.9	10.3 15.5

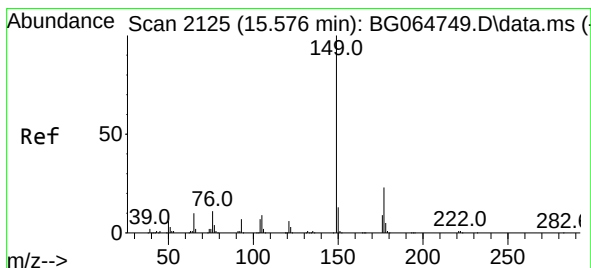
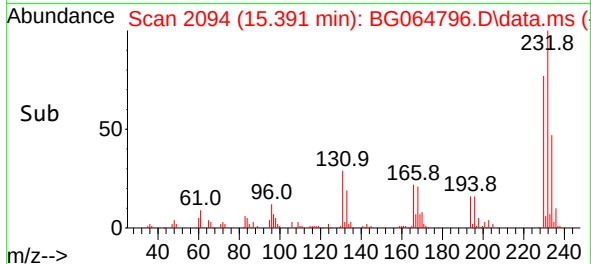
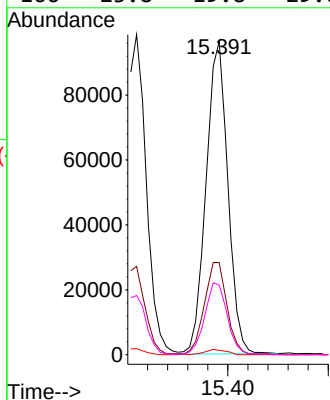
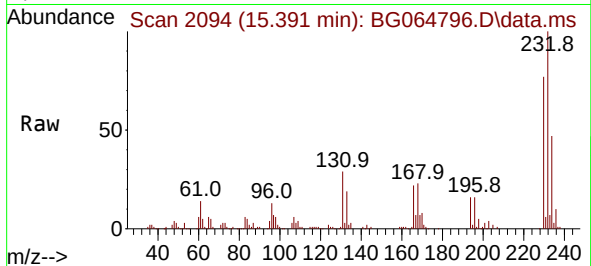




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.676 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

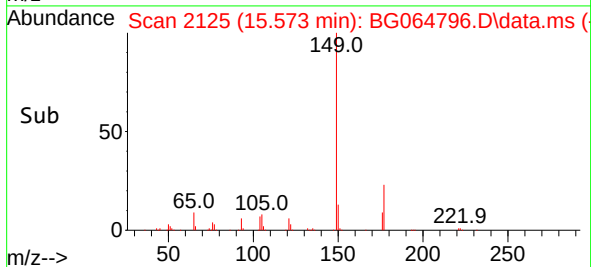
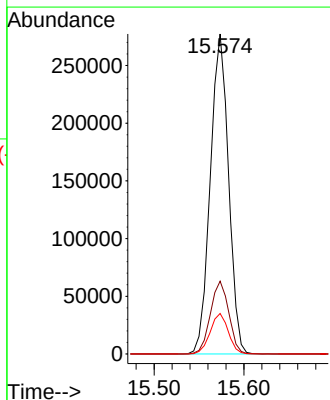
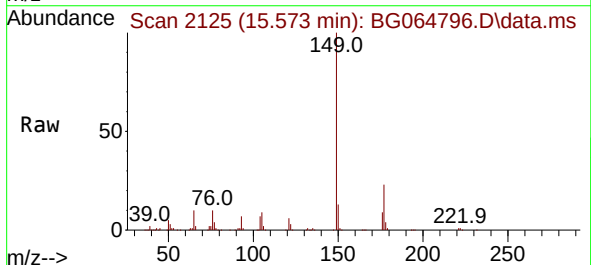
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

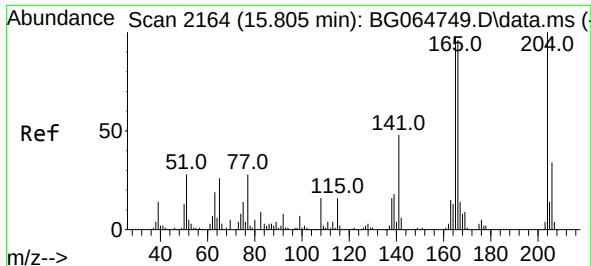
Tgt Ion:232 Resp: 145481
Ion Ratio Lower Upper
232 100
131 30.1 26.0 39.0
130 1.7 1.6 2.4
166 23.8 19.8 29.6



#60
Diethylphthalate
Concen: 47.257 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:149 Resp: 390741
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.7 10.1 15.1

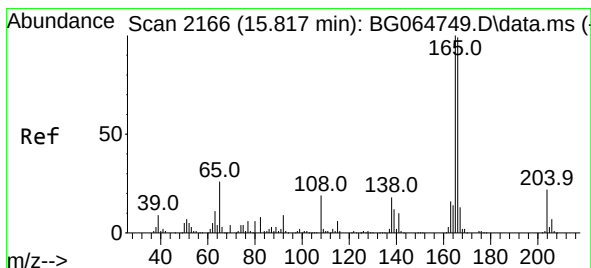
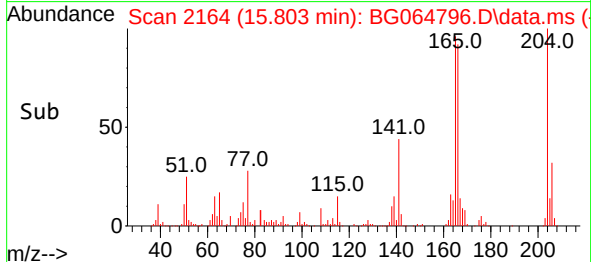
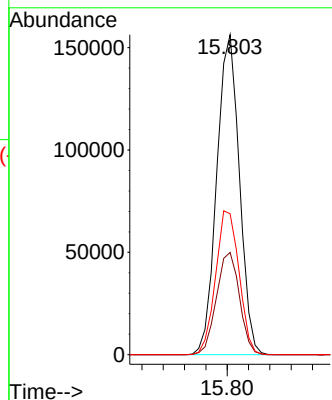
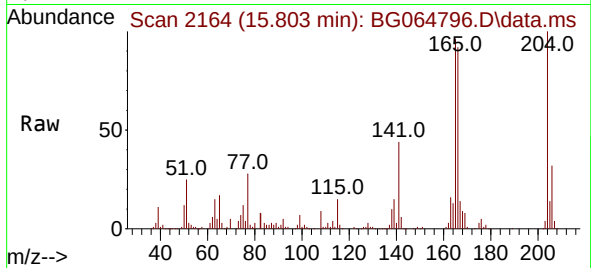




#61
4-Chlorophenyl-phenylether
Concen: 46.649 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

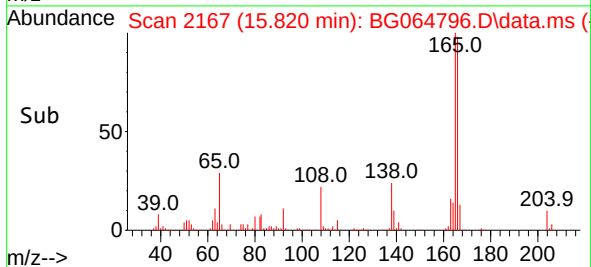
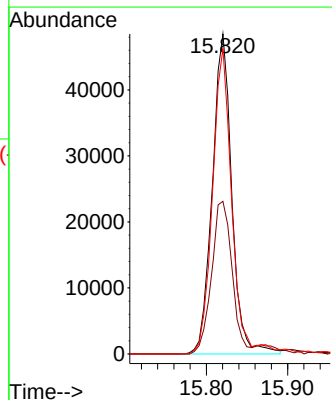
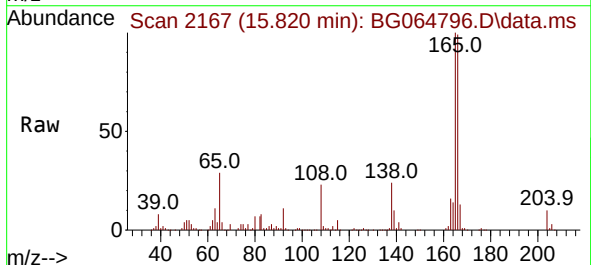
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

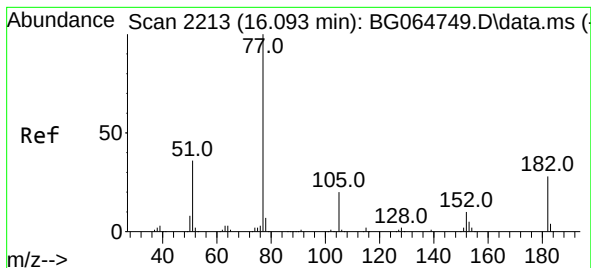
Tgt Ion:204 Resp: 229901
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 44.1 38.1 57.1



#62
4-Nitroaniline
Concen: 47.531 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:138 Resp: 80718
Ion Ratio Lower Upper
138 100
92 47.7 30.7 70.7
108 95.4 85.7 125.7





#63

Azobenzene

Concen: 52.070 ng

RT: 16.091 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064796.D

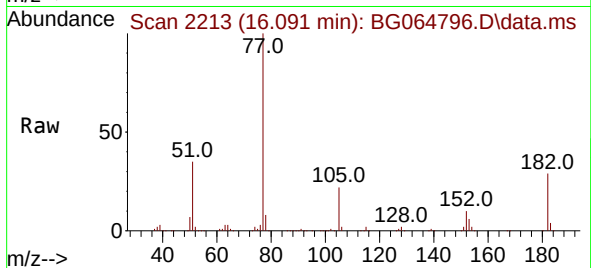
Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS



Tgt Ion: 77 Resp: 358106

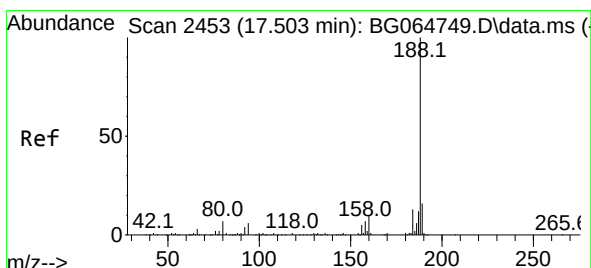
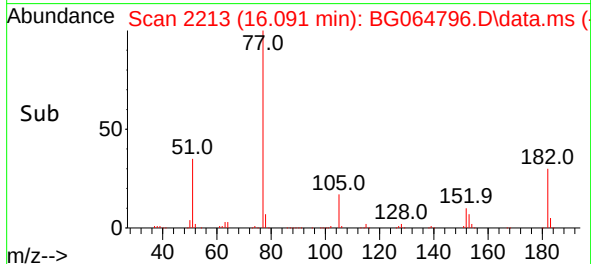
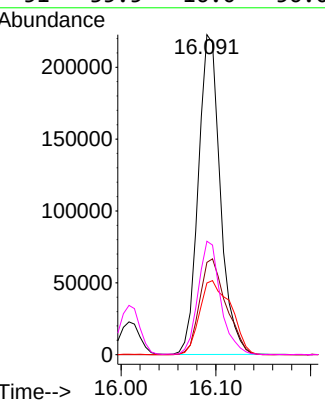
Ion Ratio Lower Upper

77 100

182 28.8 8.1 48.1

105 22.4 0.1 40.1

51 35.5 16.0 56.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.501 min Scan# 2453

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

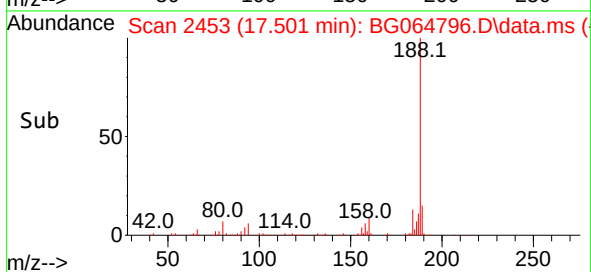
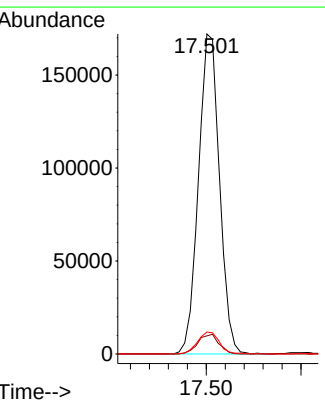
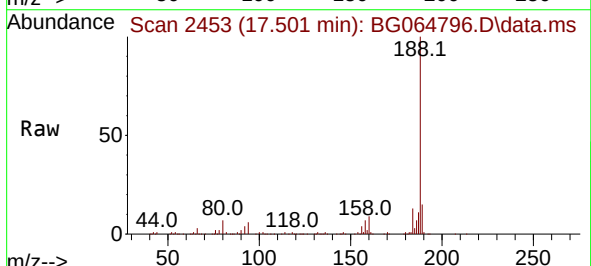
Tgt Ion:188 Resp: 264688

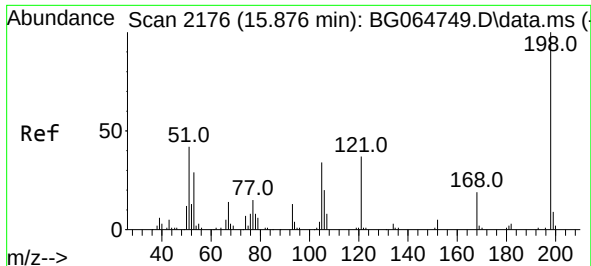
Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

80 6.8 5.4 8.2

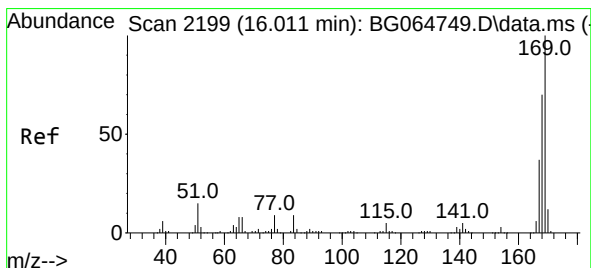
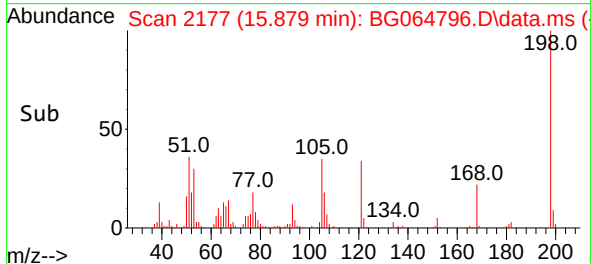
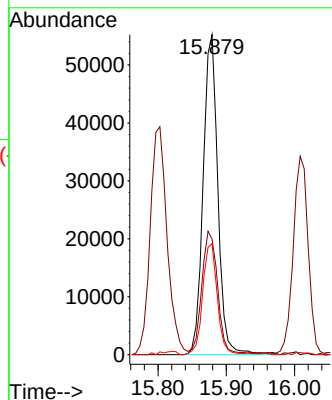
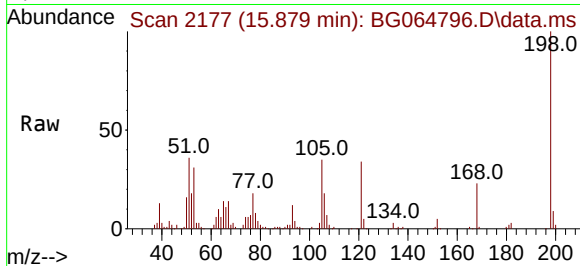




#65
4,6-Dinitro-2-methylphenol
Concen: 56.426 ng
RT: 15.879 min Scan# 2176
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

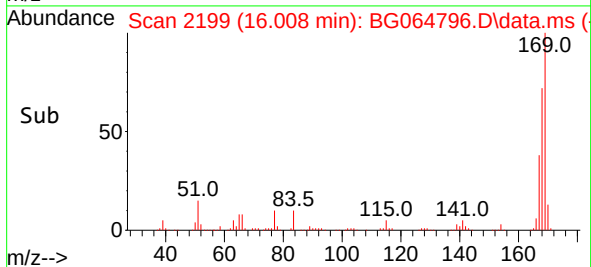
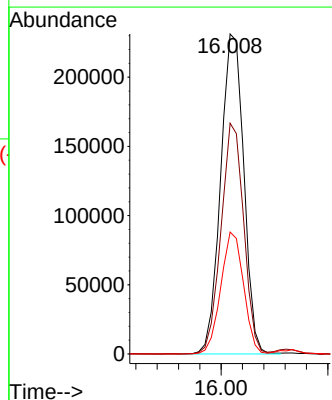
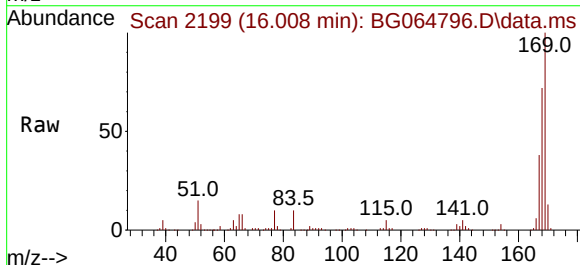
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

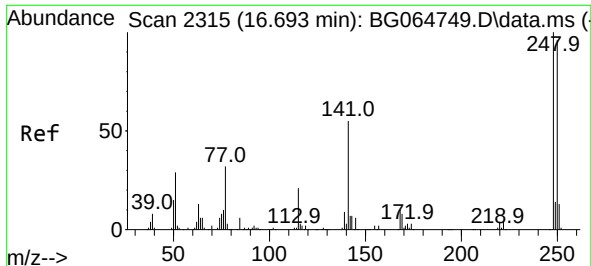
Tgt Ion:198 Resp: 82924
Ion Ratio Lower Upper
198 100
51 36.1 25.2 65.2
105 34.7 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 50.287 ng
RT: 16.008 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:169 Resp: 348645
Ion Ratio Lower Upper
169 100
168 72.1 55.9 83.9
167 38.1 29.8 44.6

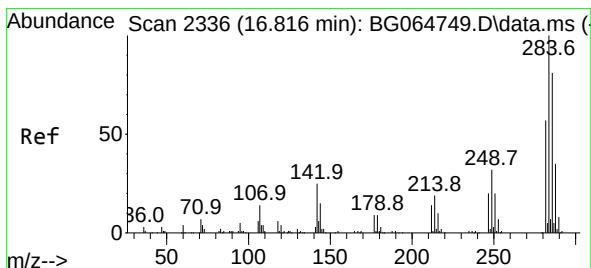
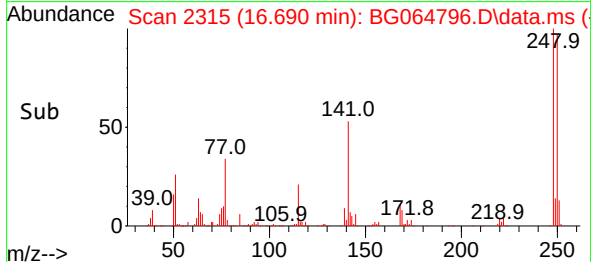
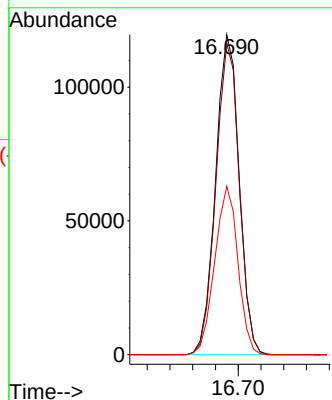
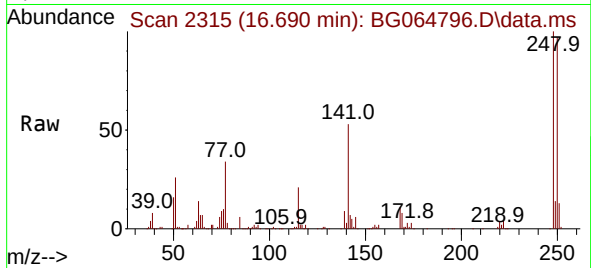




#67
4-Bromophenyl-phenylether
Concen: 49.498 ng
RT: 16.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

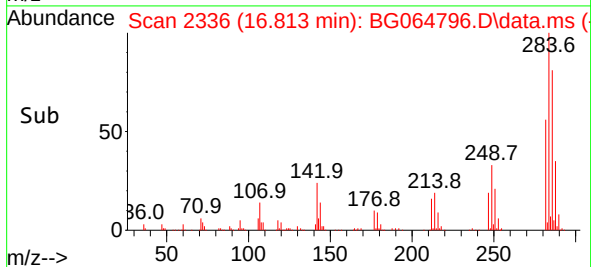
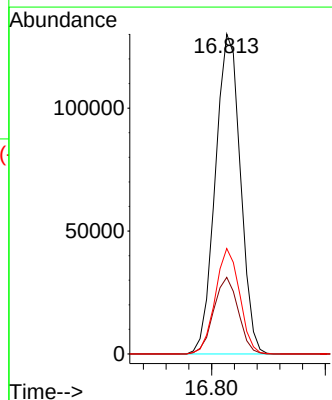
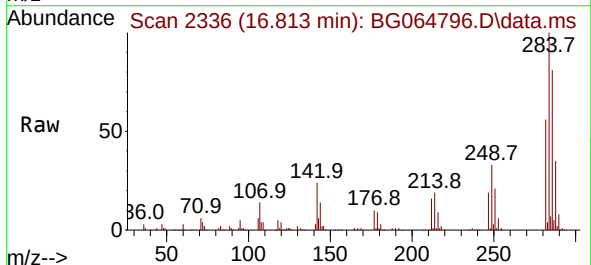
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

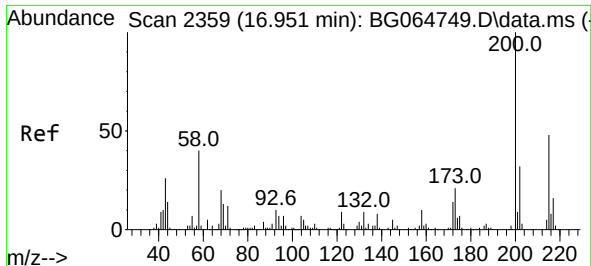
Tgt Ion:248 Resp: 172054
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.6
141 52.6 43.7 65.5



#68
Hexachlorobenzene
Concen: 47.358 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:284 Resp: 199440
Ion Ratio Lower Upper
284 100
142 24.0 19.7 29.5
249 35.6 28.1 42.1

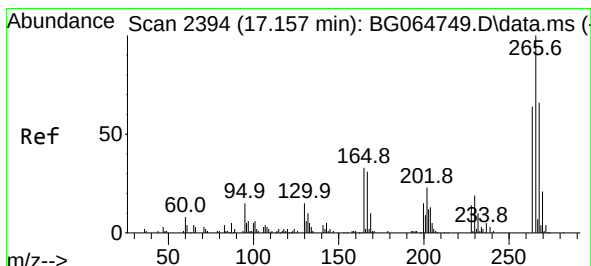
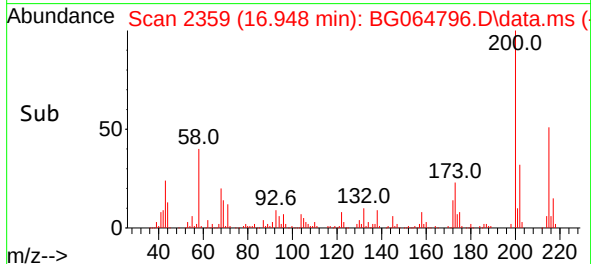
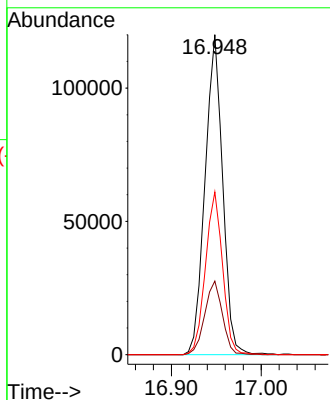
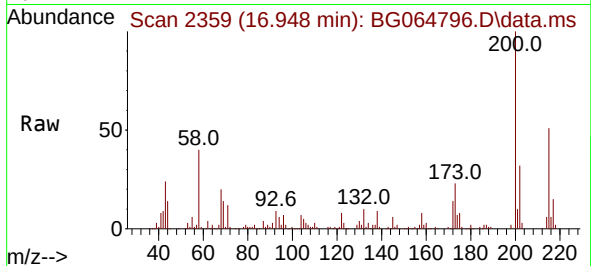




#69
Atrazine
Concen: 48.903 ng
RT: 16.948 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

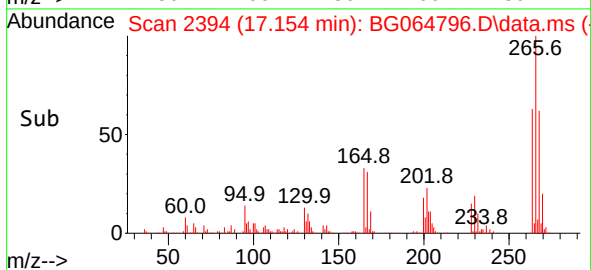
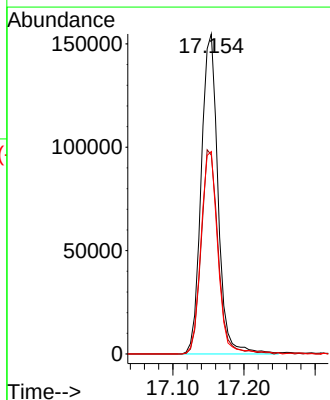
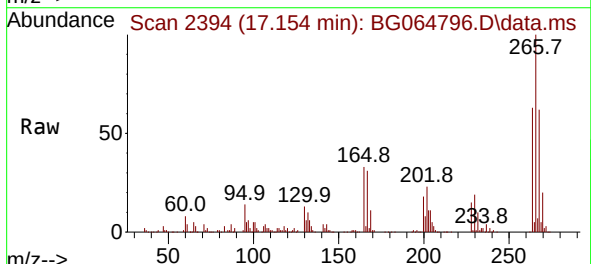
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

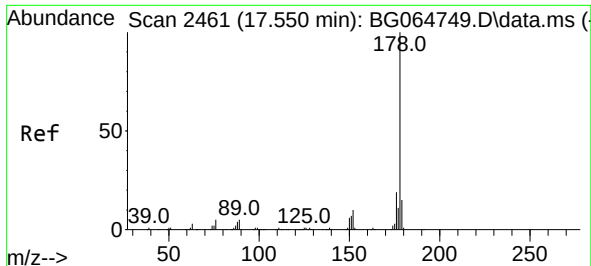
Tgt Ion:200 Resp: 163466
Ion Ratio Lower Upper
200 100
173 23.0 0.9 40.9
215 50.8 27.5 67.5



#70
Pentachlorophenol
Concen: 100.554 ng
RT: 17.154 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:266 Resp: 254852
Ion Ratio Lower Upper
266 100
268 62.2 56.1 84.1
264 63.3 51.2 76.8

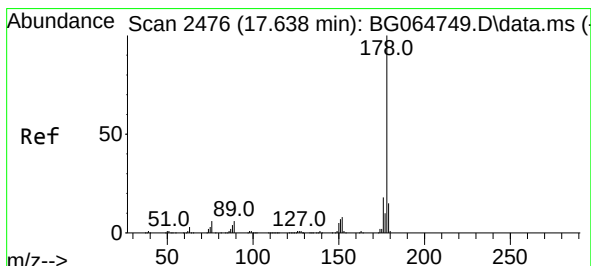
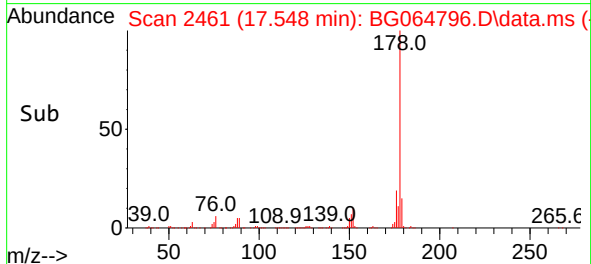
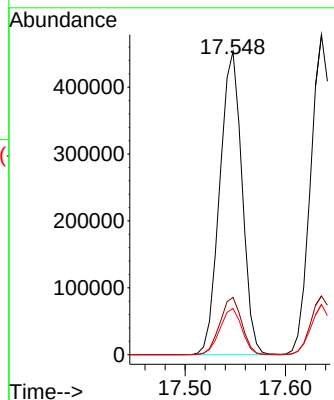
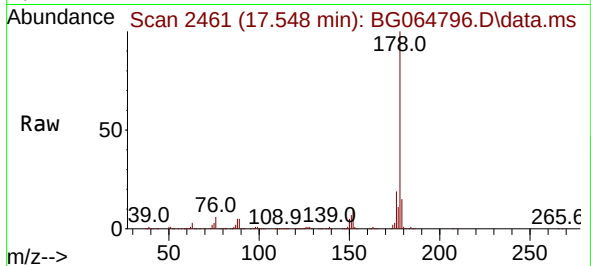




#71
Phenanthrene
Concen: 48.197 ng
RT: 17.548 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

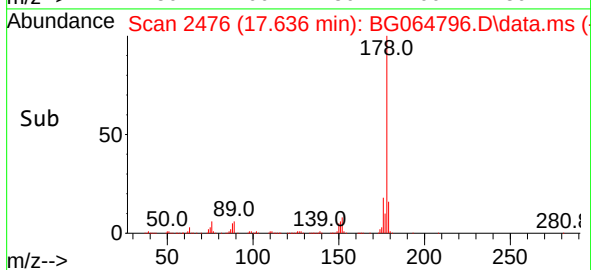
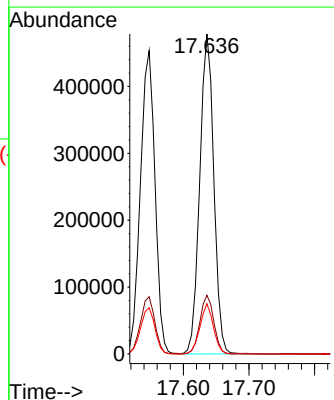
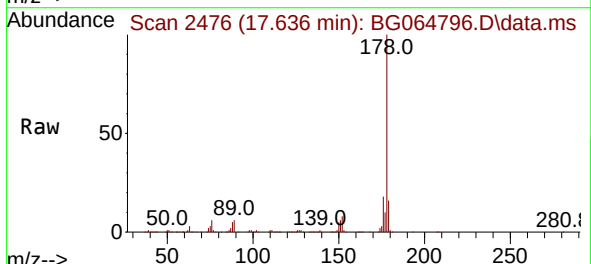
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

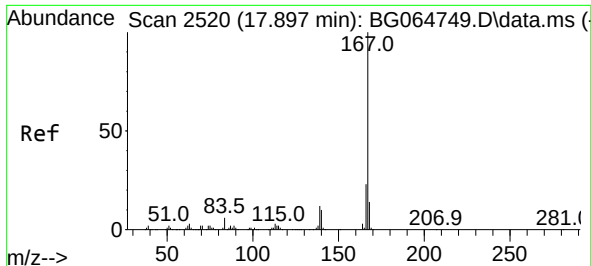
Tgt Ion:178 Resp: 697992
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 48.326 ng
RT: 17.636 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:178 Resp: 713624
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.7 12.2 18.4

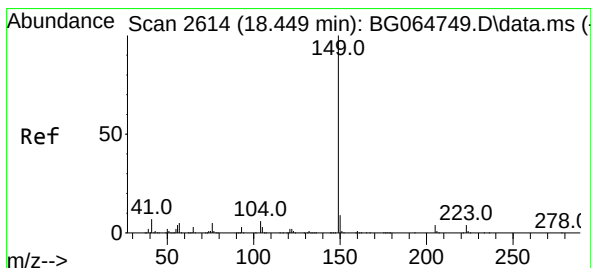
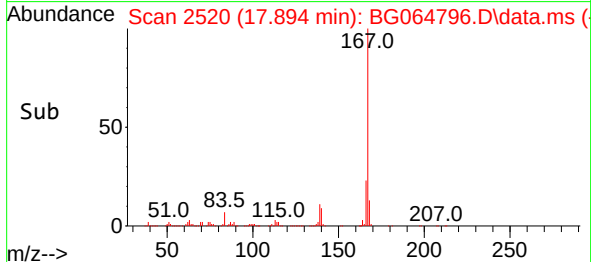
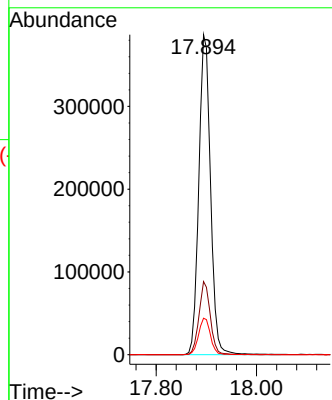
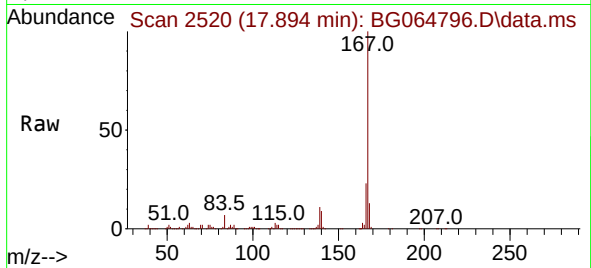




#73
 Carbazole
 Concen: 49.139 ng
 RT: 17.894 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064796.D
 Acq: 17 Nov 2025 22:50

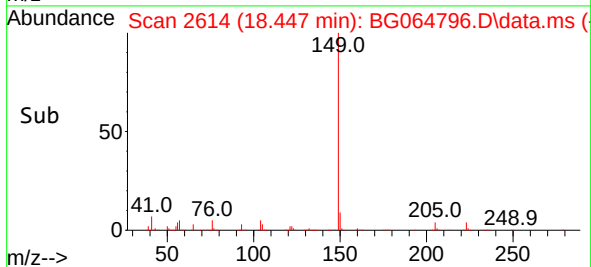
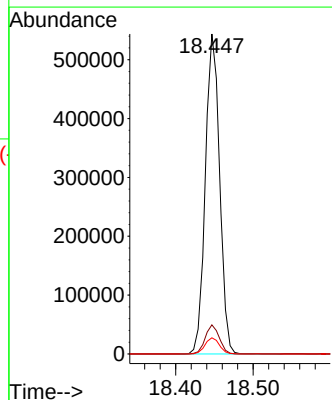
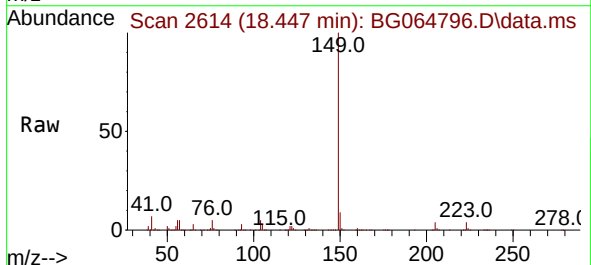
Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MS

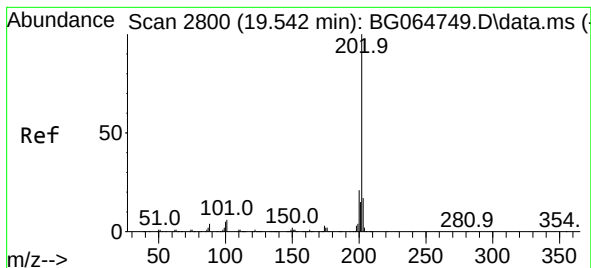
Tgt Ion:167 Resp: 623792
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 11.4 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 49.024 ng
 RT: 18.447 min Scan# 2614
 Delta R.T. -0.003 min
 Lab File: BG064796.D
 Acq: 17 Nov 2025 22:50

Tgt Ion:149 Resp: 694307
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 46.619 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

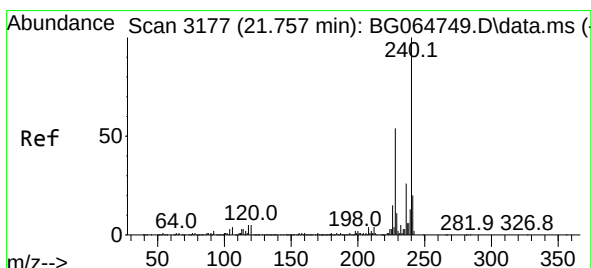
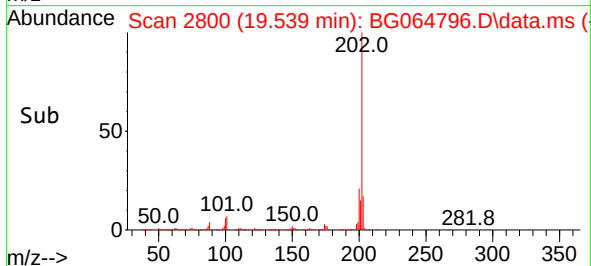
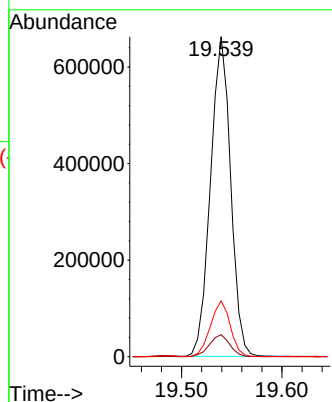
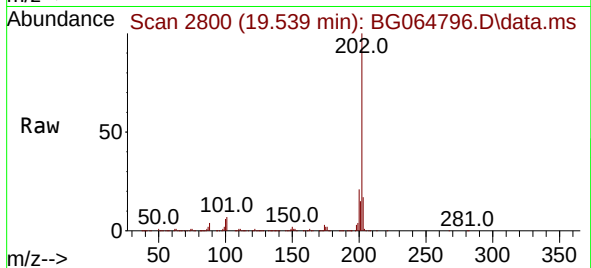
Tgt Ion:202 Resp: 923210

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.4

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.755 min Scan# 3177

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

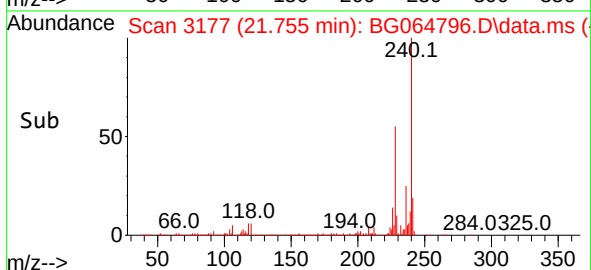
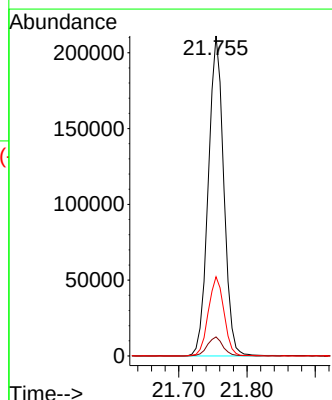
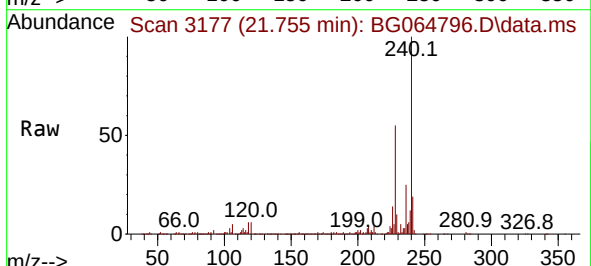
Tgt Ion:240 Resp: 332562

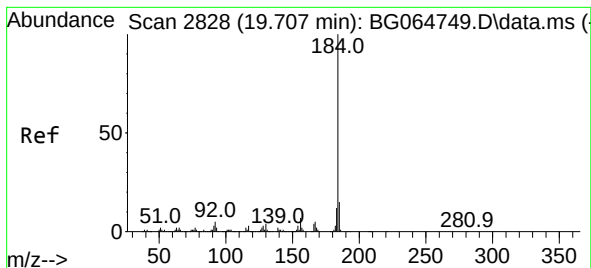
Ion Ratio Lower Upper

240 100

120 6.0 4.2 6.4

236 24.7 20.8 31.2





#77

Benzidine

Concen: 39.025 ng

RT: 19.704 min Scan# 2828

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

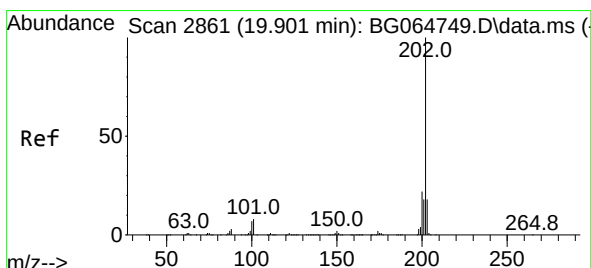
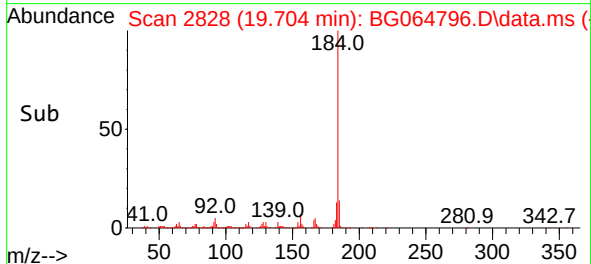
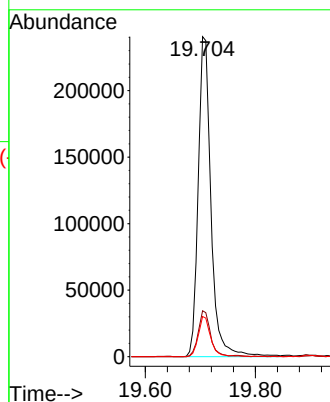
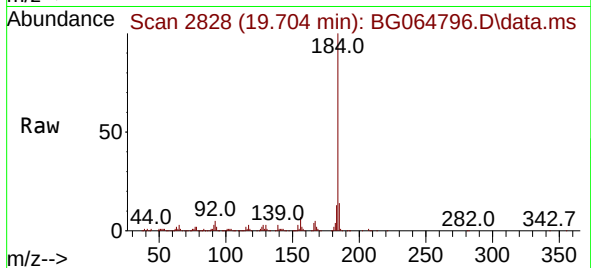
Tgt Ion:184 Resp: 388676

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 12.6 9.8 14.6



#78

Pyrene

Concen: 50.920 ng

RT: 19.898 min Scan# 2861

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

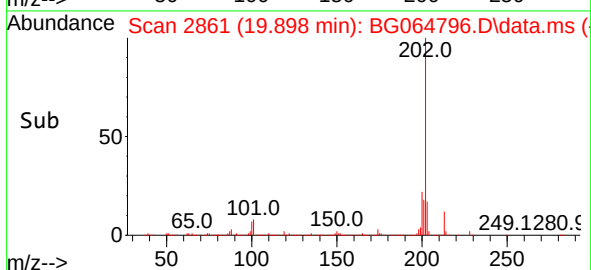
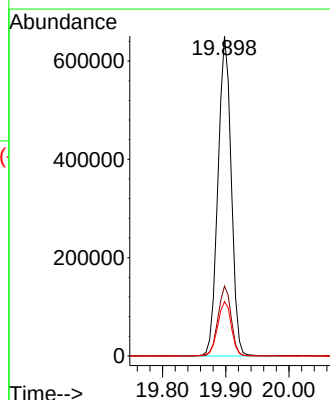
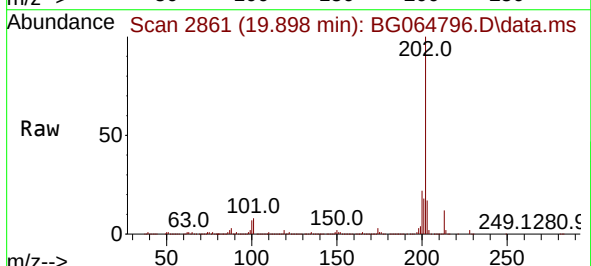
Tgt Ion:202 Resp: 949087

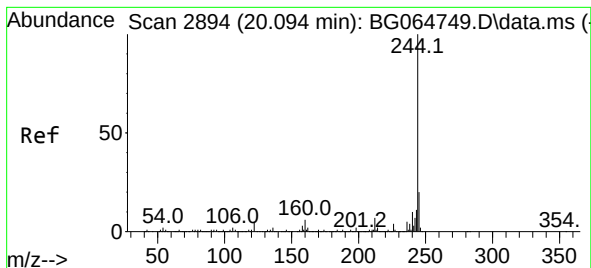
Ion Ratio Lower Upper

202 100

200 21.9 17.9 26.9

203 17.0 14.0 21.0





#79

Terphenyl-d14

Concen: 75.625 ng

RT: 20.092 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

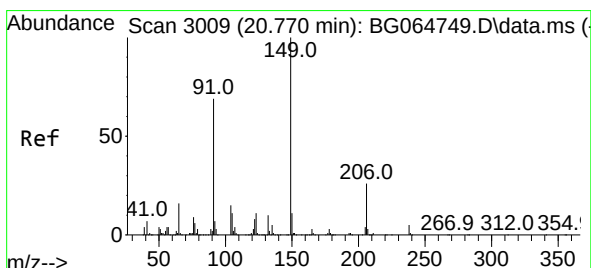
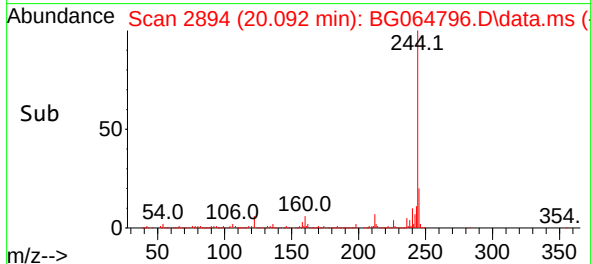
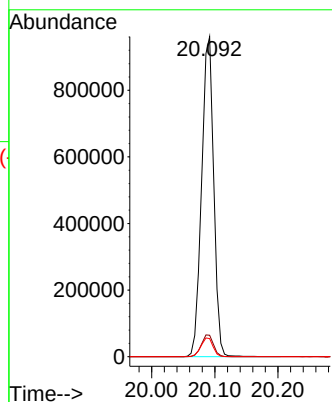
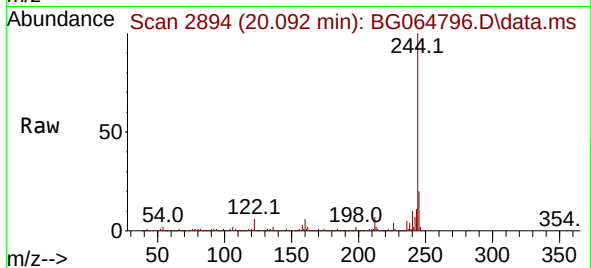
Tgt Ion:244 Resp: 1278535

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 5.6 4.3 6.5



#80

Butylbenzylphthalate

Concen: 50.578 ng

RT: 20.767 min Scan# 3009

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

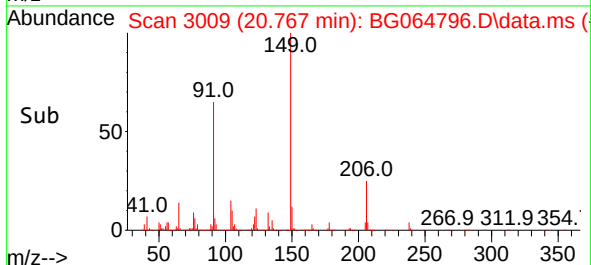
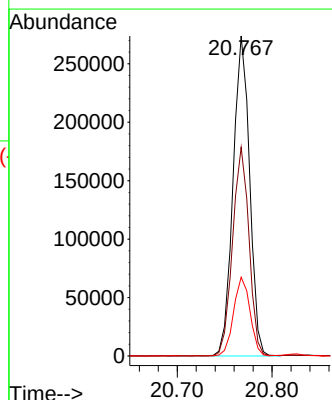
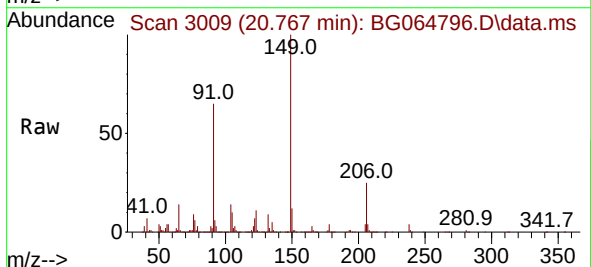
Tgt Ion:149 Resp: 331588

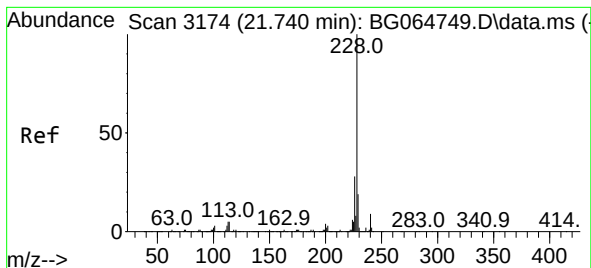
Ion Ratio Lower Upper

149 100

91 65.2 54.9 82.3

206 24.6 21.2 31.8





#81

Benzo(a)anthracene

Concen: 47.662 ng

RT: 21.737 min Scan# 3174

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

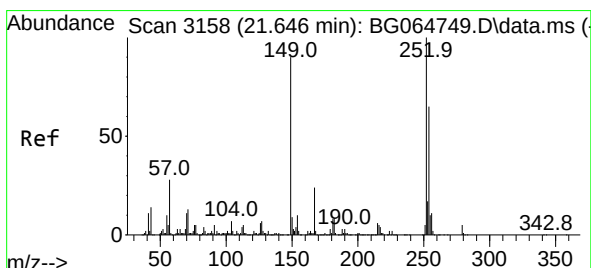
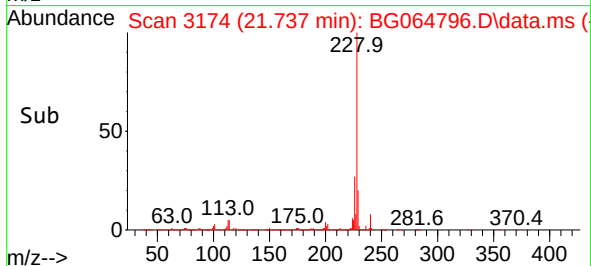
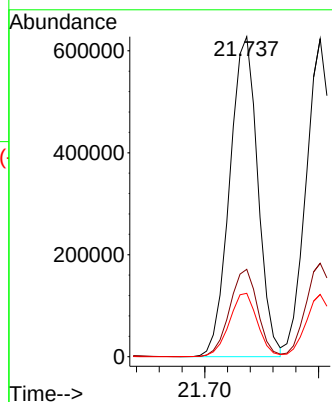
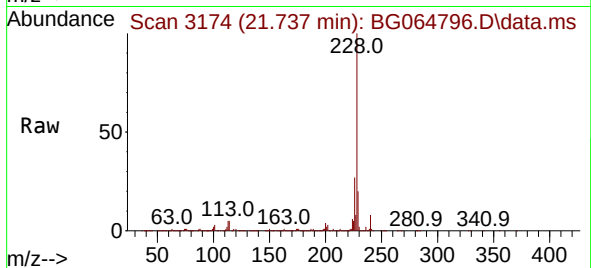
Tgt Ion:228 Resp: 1077790

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 19.835 ng

RT: 21.643 min Scan# 3158

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

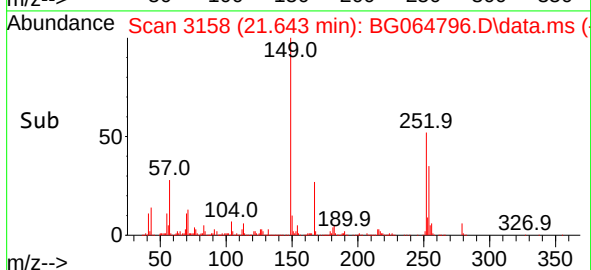
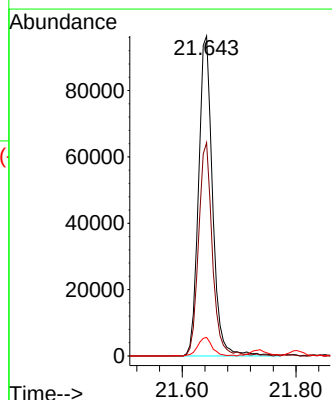
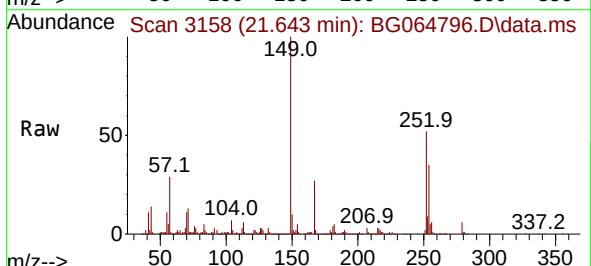
Tgt Ion:252 Resp: 165088

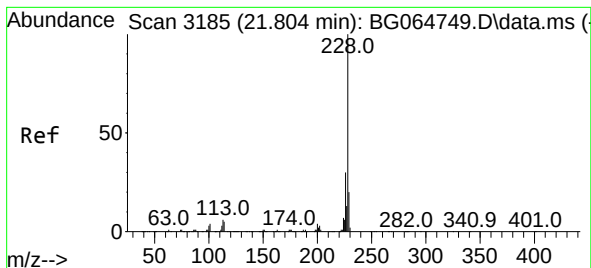
Ion Ratio Lower Upper

252 100

254 66.7 51.8 77.8

126 5.8 4.7 7.1





#83

Chrysene

Concen: 47.591 ng

RT: 21.802 min Scan# 3185

Delta R.T. -0.003 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

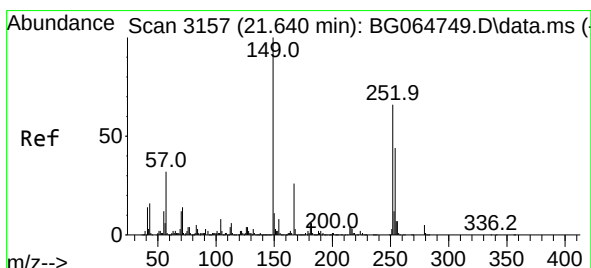
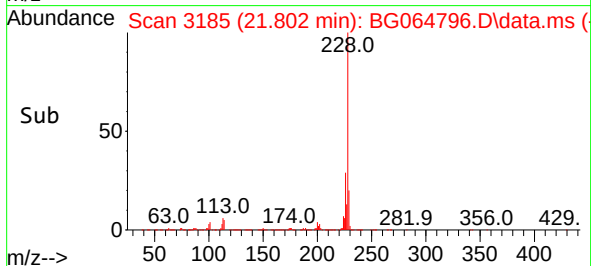
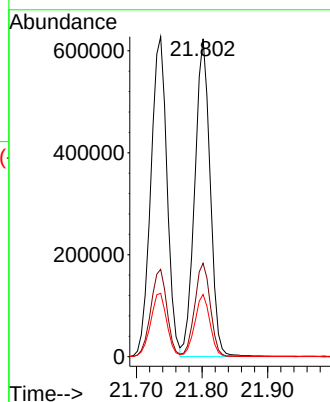
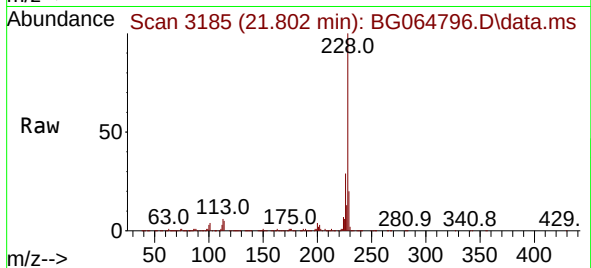
Tgt Ion:228 Resp: 1014594

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.187 ng

RT: 21.631 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

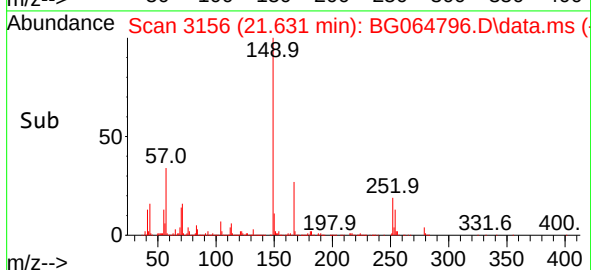
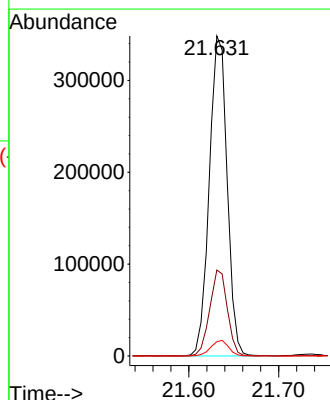
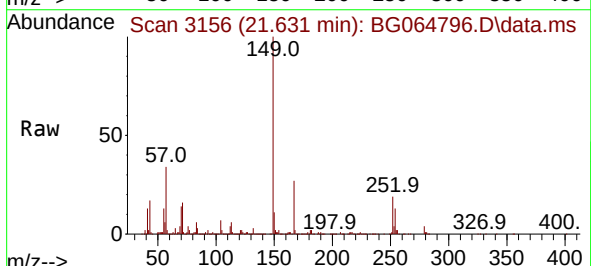
Tgt Ion:149 Resp: 480785

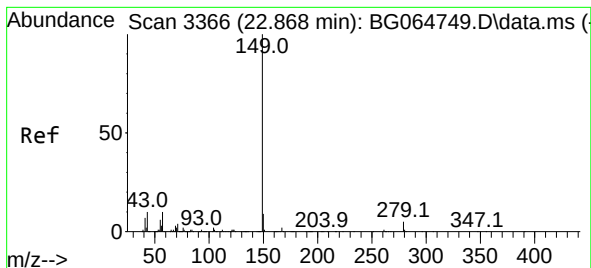
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 4.5 4.1 6.1

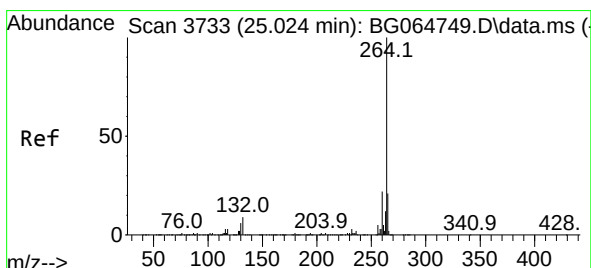
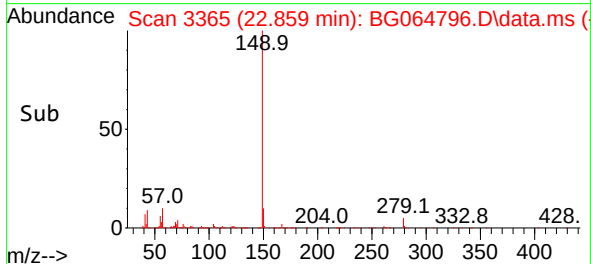
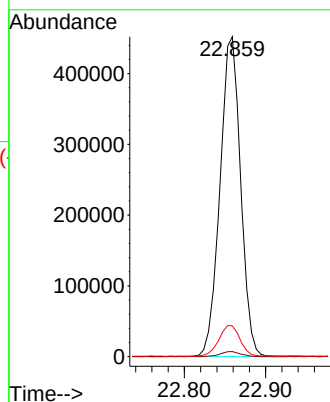
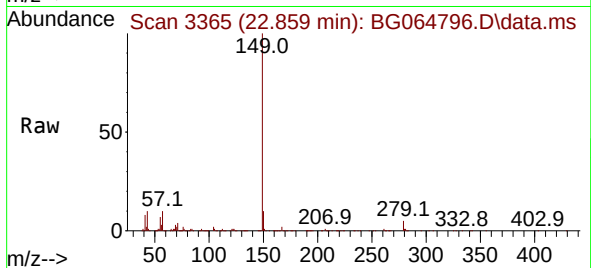




#85
Di-n-octyl phthalate
Concen: 48.109 ng
RT: 22.859 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

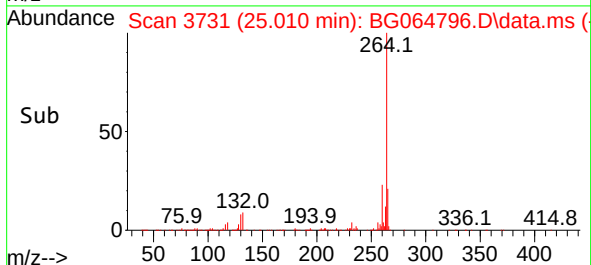
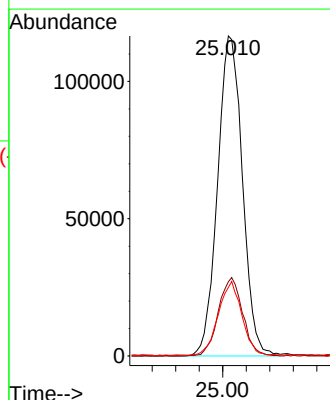
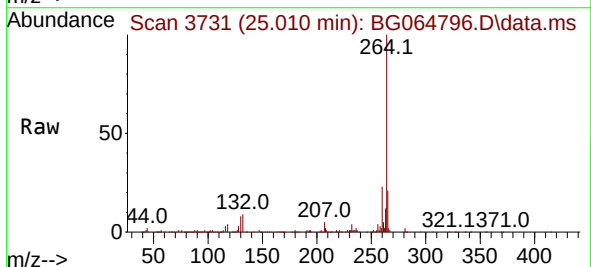
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

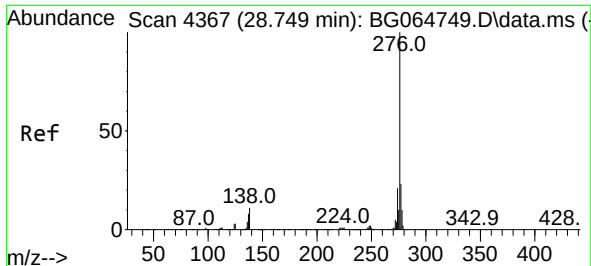
Tgt Ion:149 Resp: 796666
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.014 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:264 Resp: 341639
Ion Ratio Lower Upper
264 100
260 23.2 17.2 25.8
265 21.4 16.6 25.0

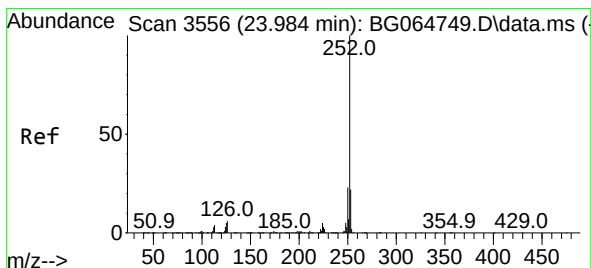
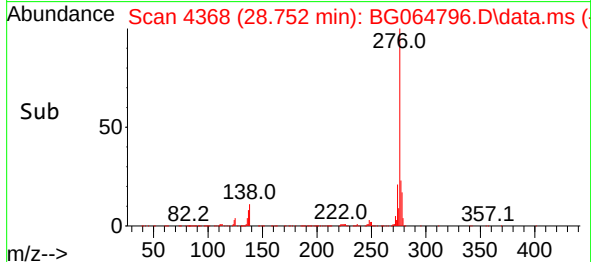
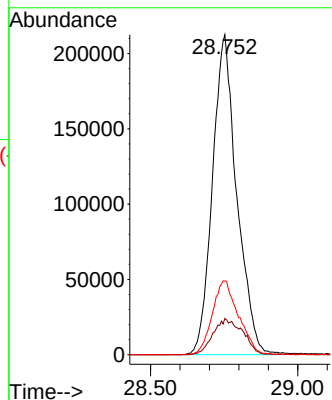
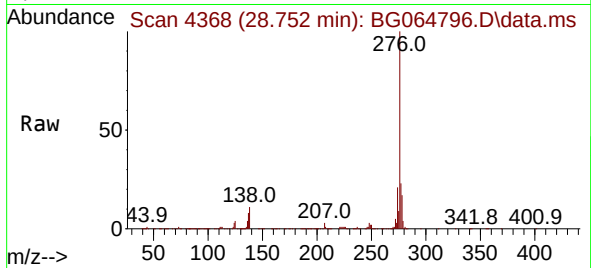




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.011 ng
RT: 28.752 min Scan# 4368
Delta R.T. 0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

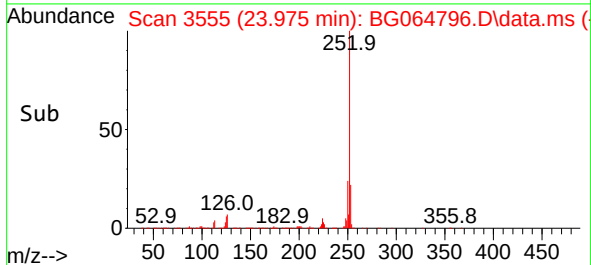
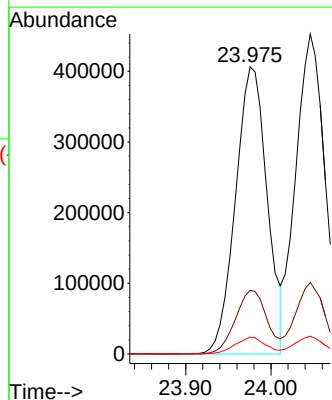
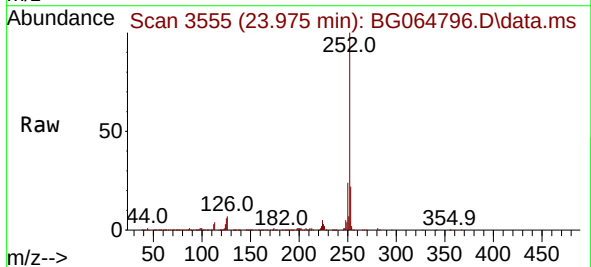
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

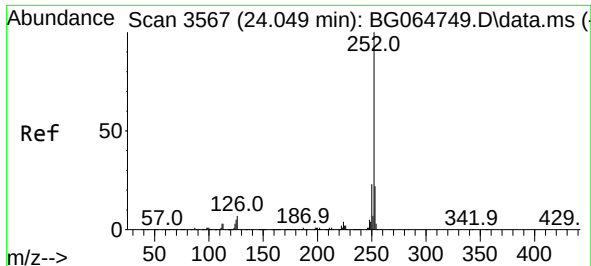
Tgt Ion:276 Resp: 1220785
Ion Ratio Lower Upper
276 100
138 13.6 4.5 6.7#
277 24.9 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 48.116 ng
RT: 23.975 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:252 Resp: 1046098
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 5.9 4.2 6.2

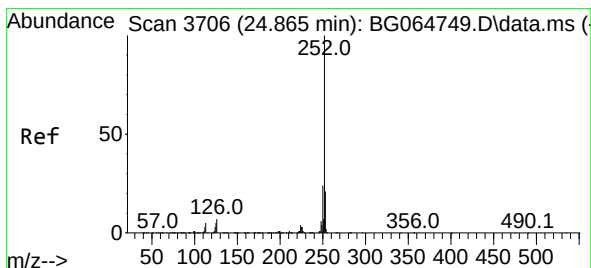
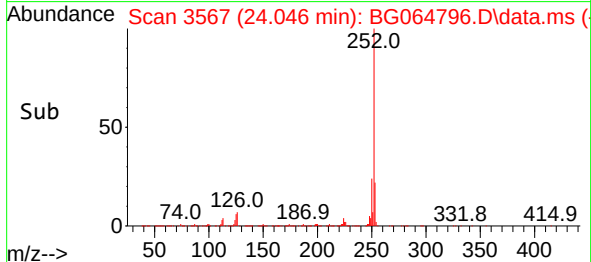
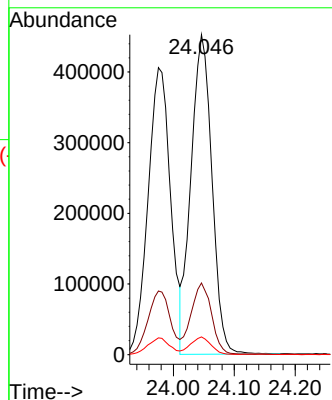
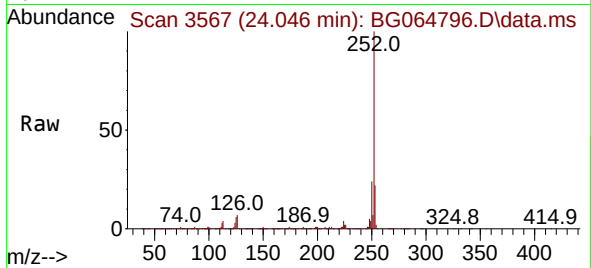




#89
Benzo(k)fluoranthene
Concen: 49.350 ng
RT: 24.046 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

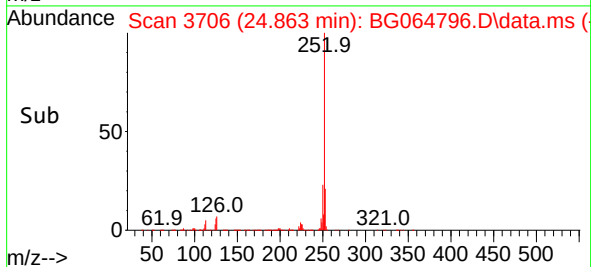
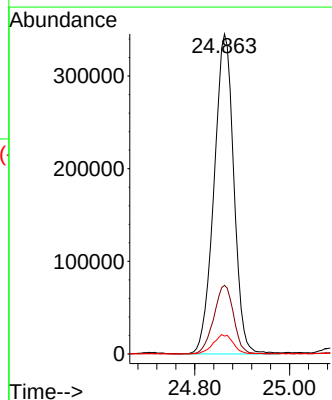
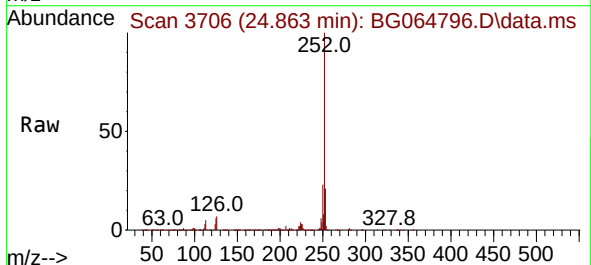
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MS

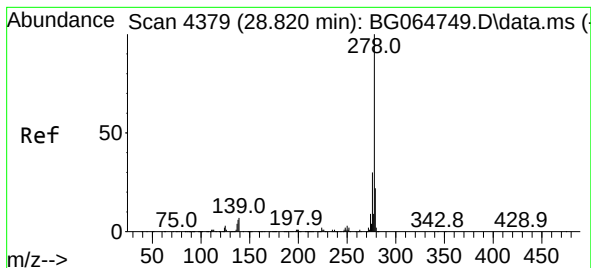
Tgt Ion:252 Resp: 1077935
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.5 4.1 6.1



#90
Benzo(a)pyrene
Concen: 49.585 ng
RT: 24.863 min Scan# 3706
Delta R.T. -0.003 min
Lab File: BG064796.D
Acq: 17 Nov 2025 22:50

Tgt Ion:252 Resp: 1000023
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 5.6 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 52.139 ng

RT: 28.805 min Scan# 41

Delta R.T. -0.014 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MS

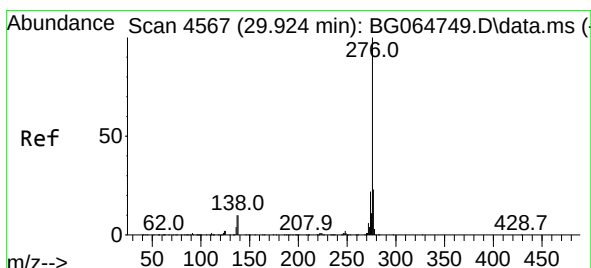
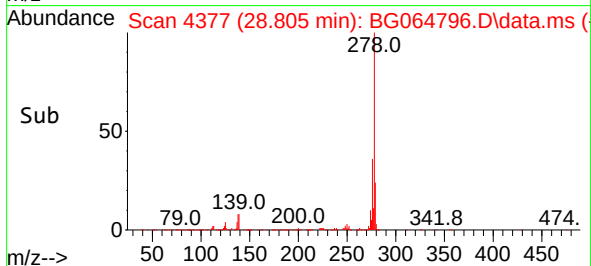
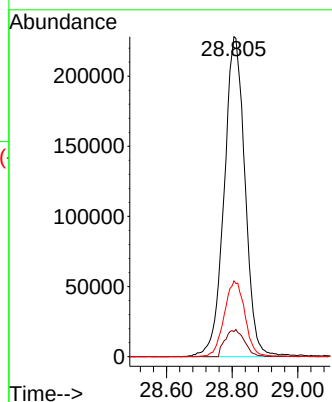
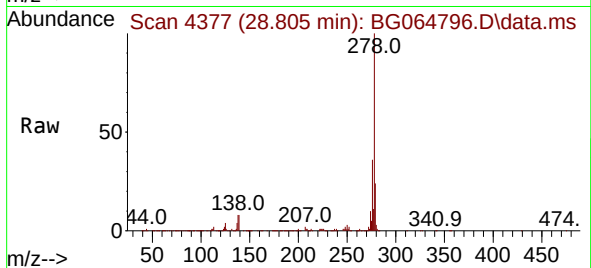
Tgt Ion:278 Resp: 1002563

Ion Ratio Lower Upper

278 100

139 7.9 5.8 8.8

279 23.7 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 52.643 ng

RT: 29.916 min Scan# 4566

Delta R.T. -0.009 min

Lab File: BG064796.D

Acq: 17 Nov 2025 22:50

Tgt Ion:276 Resp: 974197

Ion Ratio Lower Upper

276 100

277 23.9 18.0 27.0

138 10.5 8.2 12.2

