

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064692.D
 Acq On : 5 Nov 2025 19:26
 Operator : RC/JU
 Sample : PB170402BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170402BS

Quant Time: Nov 06 00:09:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	15752	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	75084	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	83046	20.000	ng	-0.02
64) Phenanthrene-d10	17.565	188	280781	20.000	ng	-0.02
76) Chrysene-d12	21.837	240	309555	20.000	ng	#-0.02
86) Perylene-d12	25.168	264	301732	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	128230	136.639	ng	-0.01
7) Phenol-d6	7.342	99	196192	152.351	ng	-0.01
23) Nitrobenzene-d5	9.369	82	116469	93.168	ng	-0.02
42) 2,4,6-Tribromophenol	16.308	330	246318	205.504	ng	-0.01
45) 2-Fluorobiphenyl	13.458	172	399736	72.959	ng	-0.02
79) Terphenyl-d14	20.156	244	1584611	96.604	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	10211	24.576	ng	# 80
3) Pyridine	3.981	79	34883	27.958	ng	96
4) n-Nitrosodimethylamine	3.881	42	26543	39.670	ng	91
6) Aniline	7.512	93	58374	33.313	ng	91
8) 2-Chlorophenol	7.759	128	52787	53.739	ng	93
9) Benzaldehyde	7.324	77	21407	30.449	ng	96
10) Phenol	7.371	94	74751	52.488	ng	91
11) bis(2-Chloroethyl)ether	7.606	93	43094	41.157	ng	92
12) 1,3-Dichlorobenzene	8.094	146	47710	42.200	ng	97
13) 1,4-Dichlorobenzene	8.241	146	49894	43.402	ng	93
14) 1,2-Dichlorobenzene	8.564	146	49296	44.459	ng	94
15) Benzyl Alcohol	8.435	79	54136	50.980	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.729	45	109989	40.046	ng	98
17) 2-Methylphenol	8.635	107	52273	55.283	ng	96
18) Hexachloroethane	9.304	117	16495	40.889	ng	92
19) n-Nitroso-di-n-propyla...	9.005	70	43231	48.576	ng	97
20) 3+4-Methylphenols	8.964	107	76857	57.798	ng	96
22) Acetophenone	9.028	105	91854	44.752	ng	# 99
24) Nitrobenzene	9.410	77	62137	45.700	ng	96
25) Isophorone	9.939	82	129240	43.085	ng	97
26) 2-Nitrophenol	10.127	139	28892	54.612	ng	96
27) 2,4-Dimethylphenol	10.180	122	64985	58.241	ng	96
28) bis(2-Chloroethoxy)met...	10.415	93	70717	41.406	ng	97
29) 2,4-Dichlorophenol	10.668	162	67567	56.268	ng	98
30) 1,2,4-Trichlorobenzene	10.891	180	61198	44.855	ng	95
31) Naphthalene	11.079	128	173664	41.717	ng	98
32) Benzoic acid	10.297	122	49134	56.278	ng	97
33) 4-Chloroaniline	11.179	127	52260	32.298	ng	95
34) Hexachlorobutadiene	11.373	225	44552	41.754	ng	96
35) Caprolactam	11.942	113	15148	32.890	ng	# 86
36) 4-Chloro-3-methylphenol	12.283	107	92743	64.254	ng	94
37) 2-Methylnaphthalene	12.671	142	134976	44.162	ng	98
38) 1-Methylnaphthalene	12.888	142	143897	47.559	ng	94
40) 1,2,4,5-Tetrachloroben...	13.035	216	114803	41.191	ng	99
41) Hexachlorocyclopentadiene	13.018	237	115610	92.157	ng	99
43) 2,4,6-Trichlorophenol	13.264	196	78495	49.237	ng	100

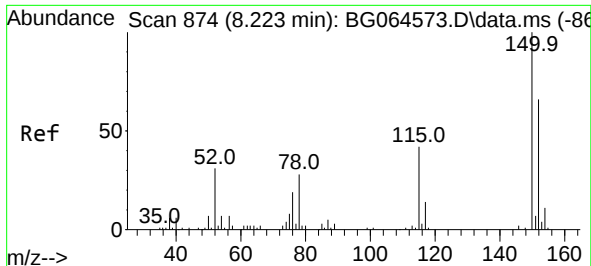
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	100358	54.550	ng	97
46) 1,1'-Biphenyl	13.664	154	250919	42.500	ng	97
47) 2-Chloronaphthalene	13.711	162	175107	39.292	ng	99
48) 2-Nitroaniline	13.899	65	81233	53.874	ng	96
49) Acenaphthylene	14.551	152	344286	48.978	ng	98
50) Dimethylphthalate	14.275	163	308030	48.473	ng	99
51) 2,6-Dinitrotoluene	14.387	165	64516	60.630	ng	95
52) Acenaphthene	14.892	154	246986	51.428	ng	95
53) 3-Nitroaniline	14.716	138	54274	49.698	ng #	94
54) 2,4-Dinitrophenol	14.921	184	86939	131.284	ng #	33
55) Dibenzofuran	15.221	168	357615	46.059	ng	97
56) 4-Nitrophenol	15.015	139	126769	125.202	ng	87
57) 2,4-Dinitrotoluene	15.168	165	105439	63.955	ng #	99
58) Fluorene	15.873	166	305682	50.412	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.444	232	120878	68.710	ng	98
60) Diethylphthalate	15.632	149	333682	51.427	ng	98
61) 4-Chlorophenyl-phenyle...	15.856	204	174245	51.205	ng	99
62) 4-Nitroaniline	15.873	138	84463	69.519	ng	91
63) Azobenzene	16.149	77	279025	46.868	ng	98
65) 4,6-Dinitro-2-methylph...	15.932	198	69786	55.524	ng	94
66) n-Nitrosodiphenylamine	16.067	169	297952	39.284	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	141629	42.565	ng	97
68) Hexachlorobenzene	16.872	284	167467	44.117	ng	95
69) Atrazine	17.007	200	162004	49.634	ng	97
70) Pentachlorophenol	17.213	266	212832	89.912	ng	94
71) Phenanthrene	17.606	178	657987	42.852	ng	99
72) Anthracene	17.700	178	673551	43.123	ng	99
73) Carbazole	17.959	167	639854	46.456	ng	100
74) Di-n-butylphthalate	18.517	149	721555	45.303	ng	99
75) Fluoranthene	19.604	202	943056	49.027	ng	98
77) Benzidine	19.769	184	194933	28.107	ng	99
78) Pyrene	19.962	202	964101	47.669	ng	99
80) Butylbenzylphthalate	20.838	149	300351	49.136	ng	94
81) Benzo(a)anthracene	21.819	228	912456	44.455	ng	99
82) 3,3'-Dichlorobenzidine	21.725	252	220866	32.224	ng	99
83) Chrysene	21.890	228	853538	43.704	ng	100
84) Bis(2-ethylhexyl)phtha...	21.719	149	406087	44.460	ng #	98
85) Di-n-octyl phthalate	22.977	149	651916	42.334	ng	96
87) Indeno(1,2,3-cd)pyrene	28.993	276	1032606	46.521	ng #	97
88) Benzo(b)fluoranthene	24.181	252	880109	47.568	ng	98
89) Benzo(k)fluoranthene	24.181	252	880109	47.535	ng	99
90) Benzo(a)pyrene	25.015	252	819357	48.176	ng #	97
91) Dibenzo(a,h)anthracene	29.058	278	864962	47.966	ng #	97
92) Benzo(g,h,i)perylene	30.186	276	831747	48.283	ng	98

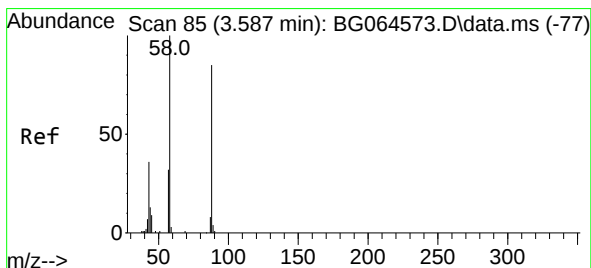
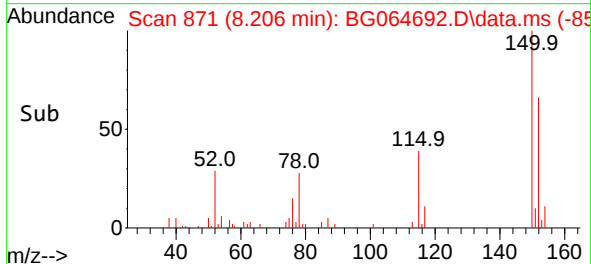
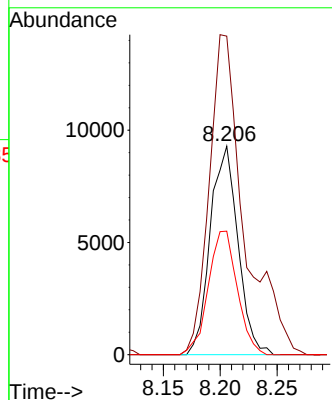
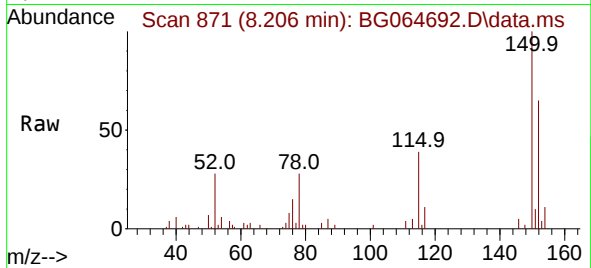
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

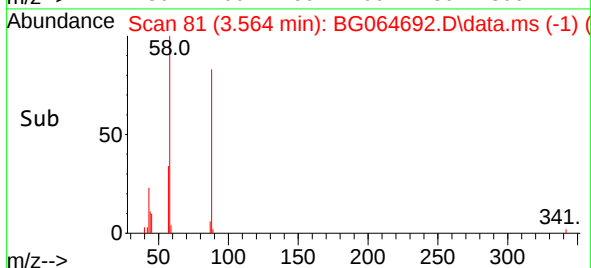
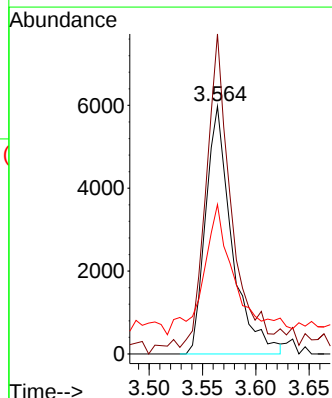
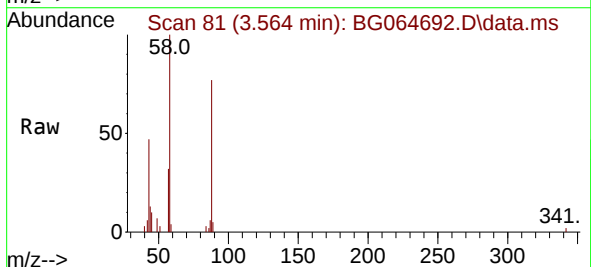
Instrument :
BNA_G
ClientSampleId :
PB170402BS

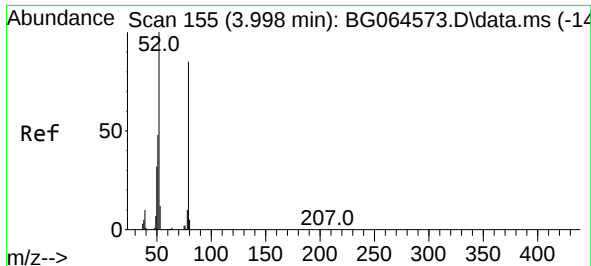
Tgt Ion:152 Resp: 15752
Ion Ratio Lower Upper
152 100
150 152.7 122.2 183.4
115 59.2 50.8 76.2



#2
1,4-Dioxane
Concen: 24.576 ng
RT: 3.564 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 88 Resp: 10211
Ion Ratio Lower Upper
88 100
58 132.1 92.4 138.6
43 63.2 33.0 49.6#

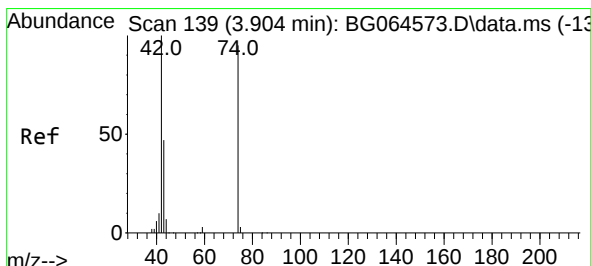
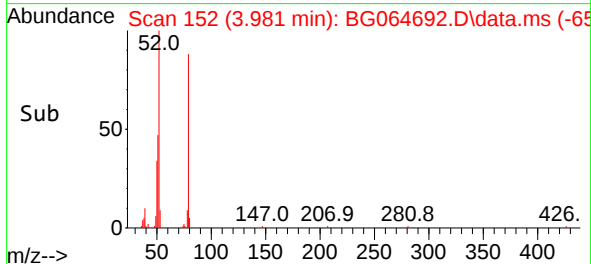
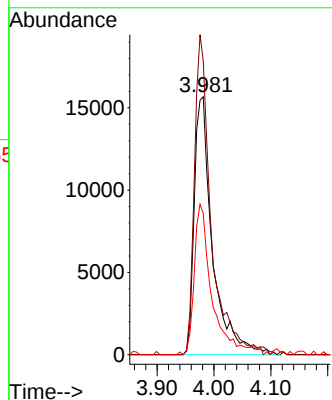
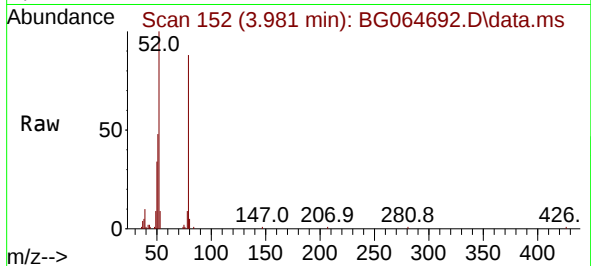




#3
Pyridine
Concen: 27.958 ng
RT: 3.981 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

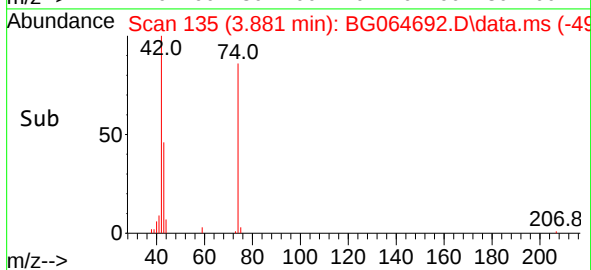
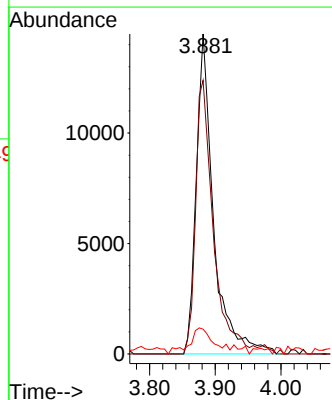
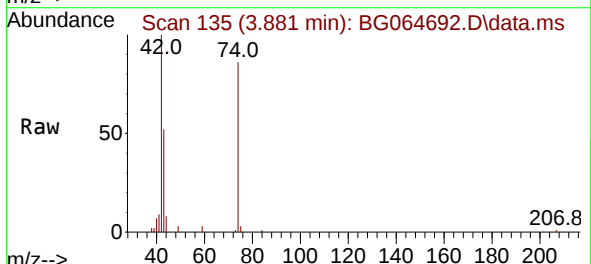
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ClientSampleId :
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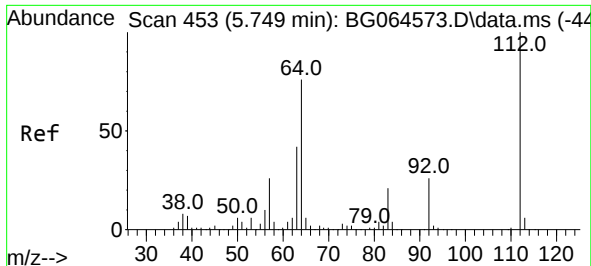
Tgt Ion: 79 Resp: 34883
Ion Ratio Lower Upper
79 100
52 114.0 94.2 141.2
51 54.8 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 39.670 ng
RT: 3.881 min Scan# 135
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 42 Resp: 26543
Ion Ratio Lower Upper
42 100
74 85.5 76.1 114.1
44 7.7 6.3 9.5

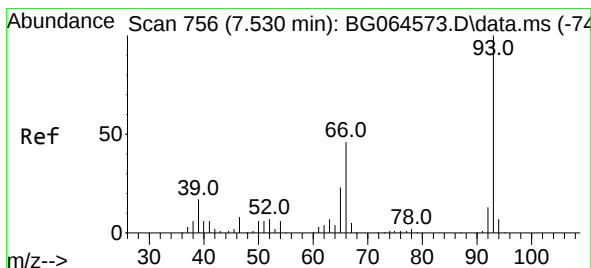
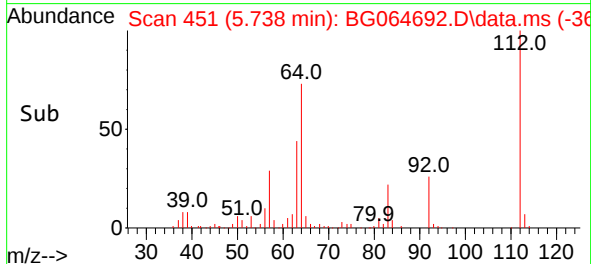
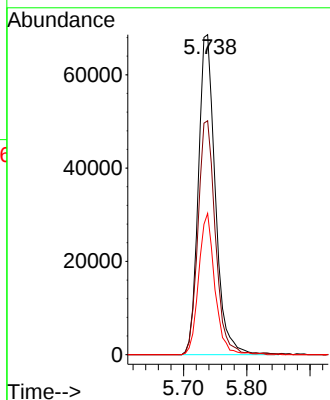
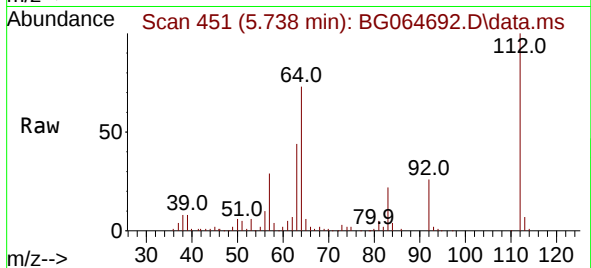




#5
2-Fluorophenol
Concen: 136.639 ng
RT: 5.738 min Scan# 411
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

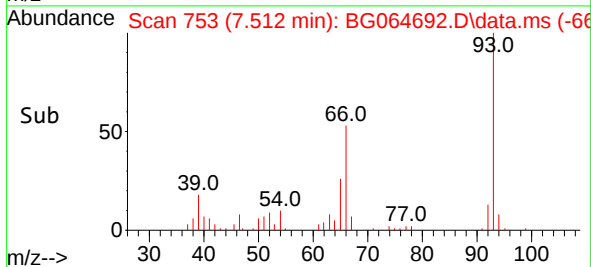
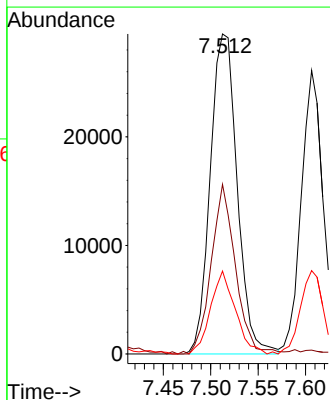
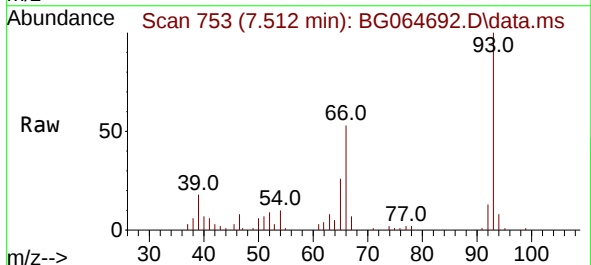
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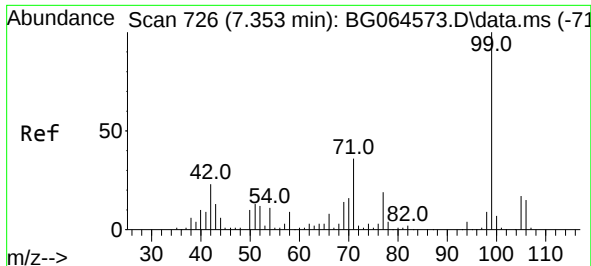
Tgt Ion:112 Resp: 128230
Ion Ratio Lower Upper
112 100
64 73.1 60.7 91.1
63 44.2 33.4 50.0



#6
Aniline
Concen: 33.313 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 93 Resp: 58374
Ion Ratio Lower Upper
93 100
66 53.0 37.0 55.6
65 25.9 18.3 27.5

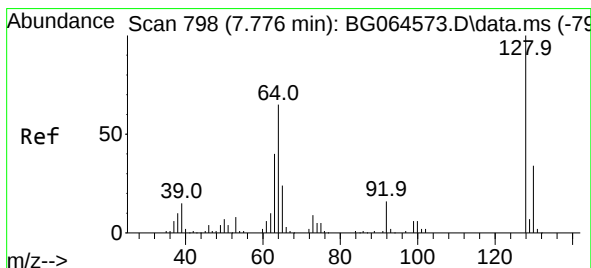
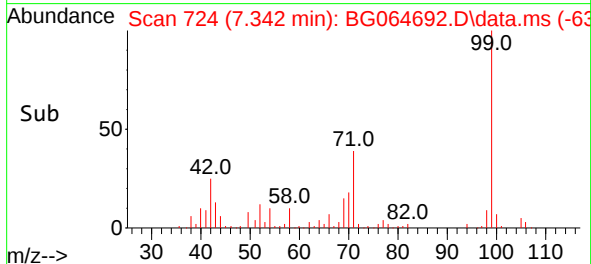
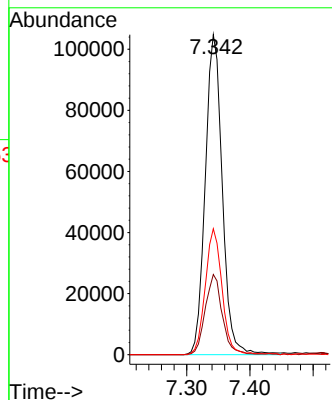
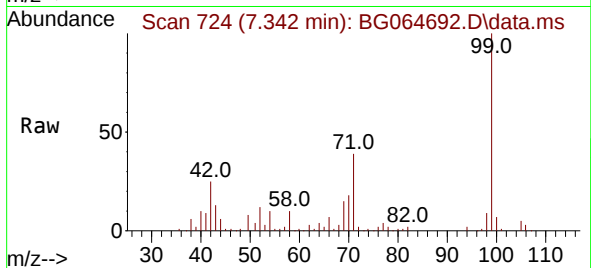




#7
Phenol-d6
Concen: 152.351 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

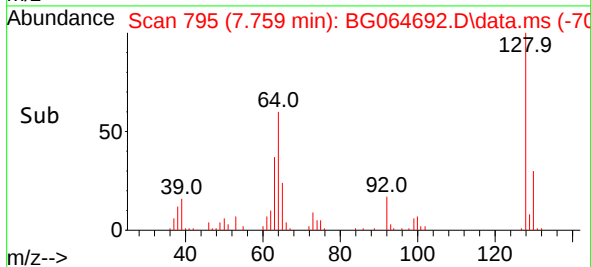
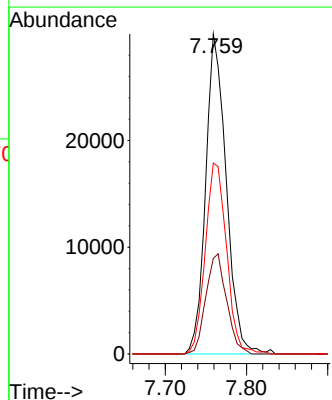
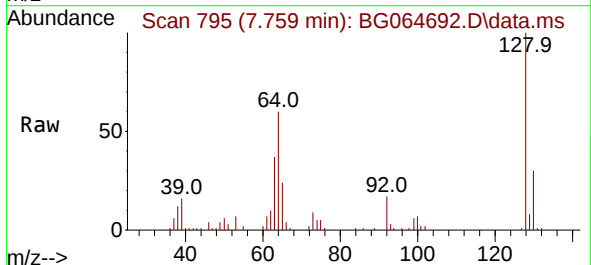
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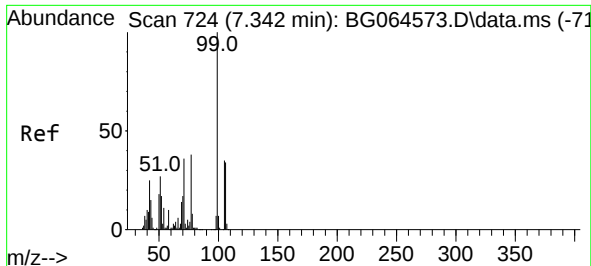
Tgt Ion: 99 Resp: 196192
Ion Ratio Lower Upper
99 100
42 25.1 18.3 27.5
71 39.3 28.6 43.0



#8
2-Chlorophenol
Concen: 53.739 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:128 Resp: 52787
Ion Ratio Lower Upper
128 100
130 29.8 13.5 53.5
64 59.7 45.2 85.2

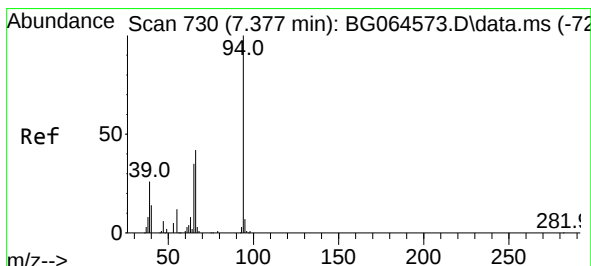
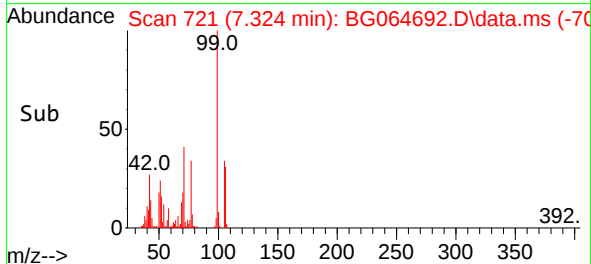
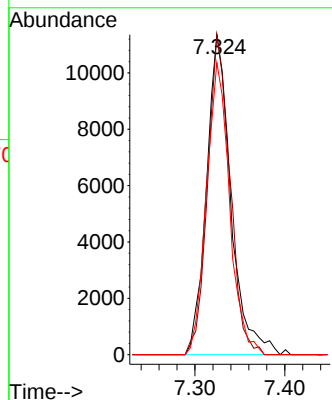
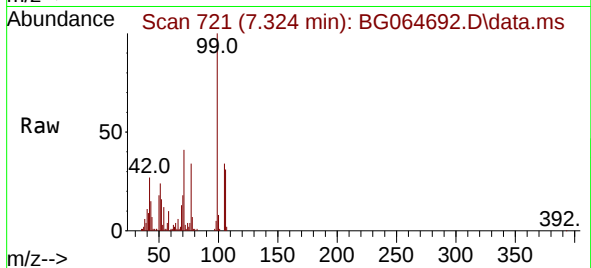




#9
Benzaldehyde
Concen: 30.449 ng
RT: 7.324 min Scan# 71
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

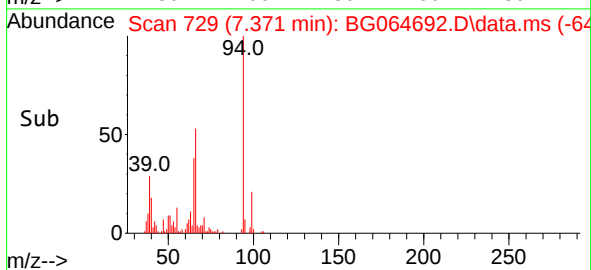
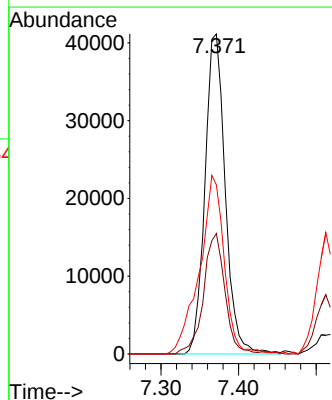
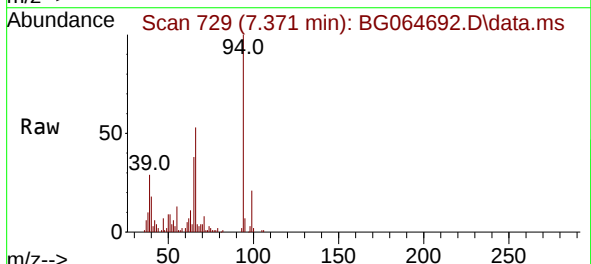
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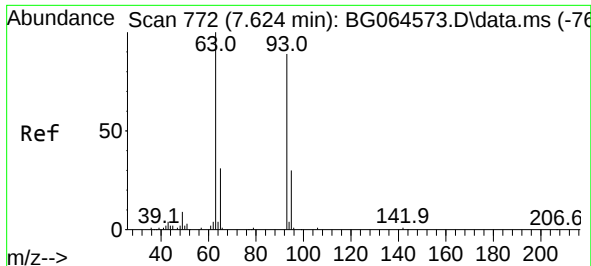
Tgt Ion: 77 Resp: 21407
Ion Ratio Lower Upper
77 100
105 99.9 72.9 112.9
106 91.3 70.8 110.8



#10
Phenol
Concen: 52.488 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 94 Resp: 74751
Ion Ratio Lower Upper
94 100
65 37.6 15.8 55.8
66 52.9 24.0 64.0

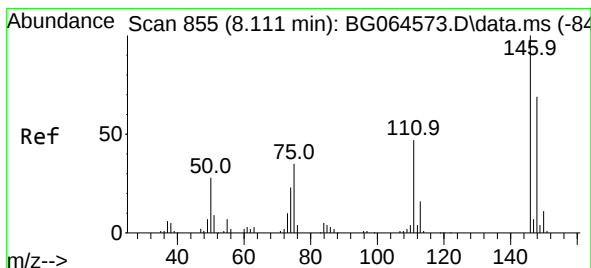
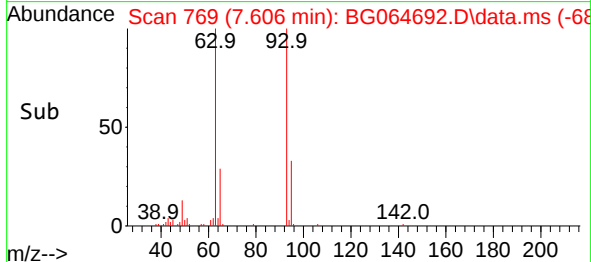
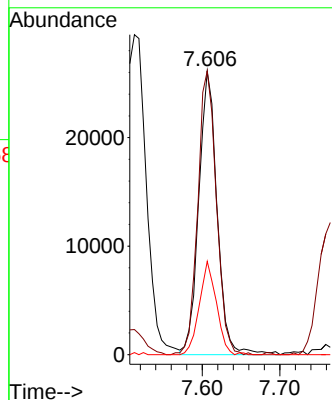
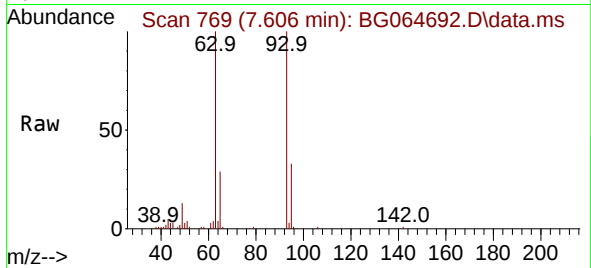




#11
bis(2-Chloroethyl)ether
Concen: 41.157 ng
RT: 7.606 min Scan# 70
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

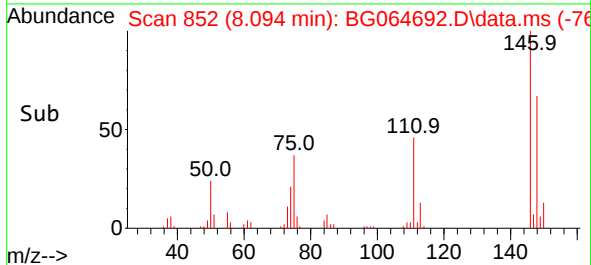
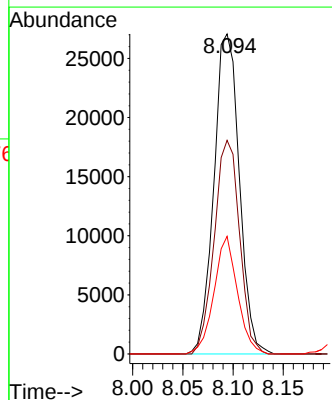
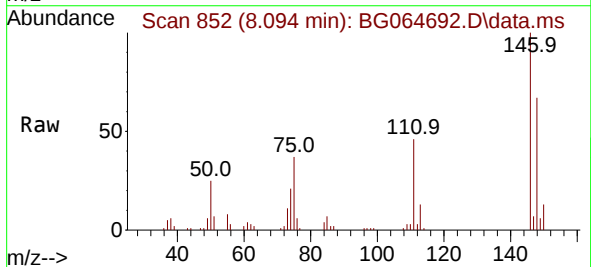
Instrument :
BNA_G
ClientSampleId :
PB170402BS

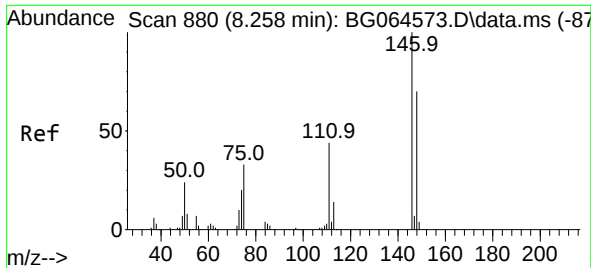
Tgt Ion: 93 Resp: 43094
Ion Ratio Lower Upper
93 100
63 100.0 91.3 131.3
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.200 ng
RT: 8.094 min Scan# 852
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:146 Resp: 47710
Ion Ratio Lower Upper
146 100
148 66.8 55.3 82.9
75 36.8 28.2 42.2

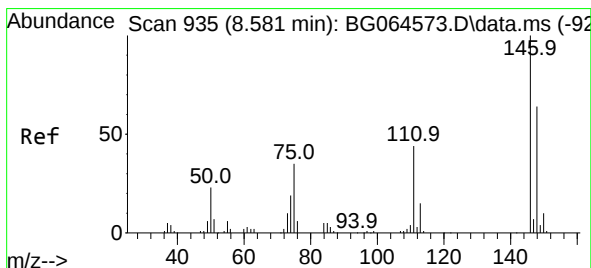
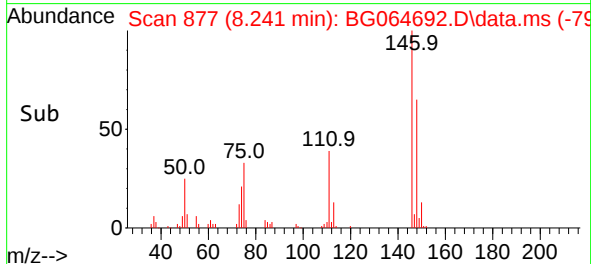
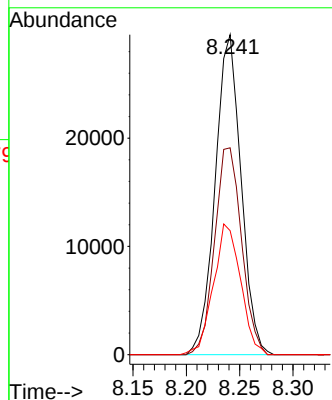
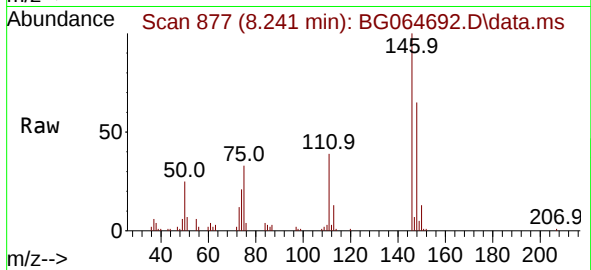




#13
1,4-Dichlorobenzene
Concen: 43.402 ng
RT: 8.241 min Scan# 811
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

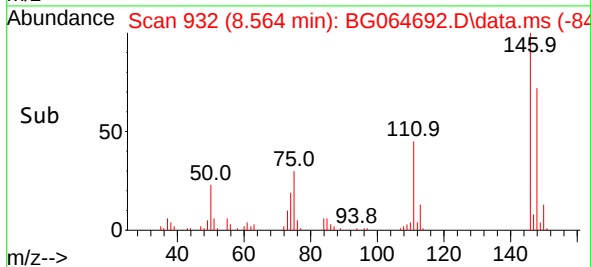
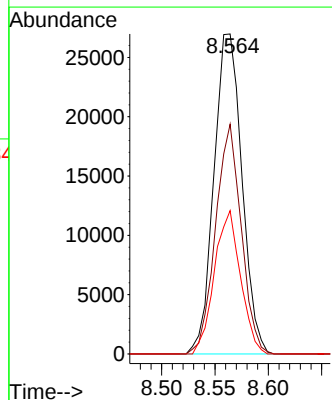
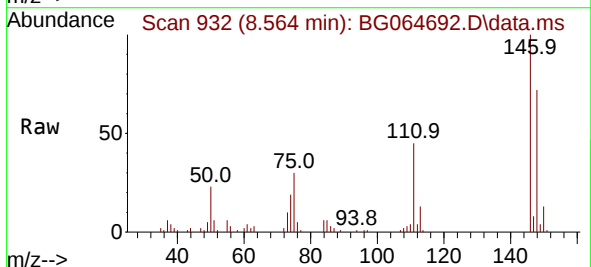
Instrument :
BNA_G
ClientSampleId :
PB170402BS

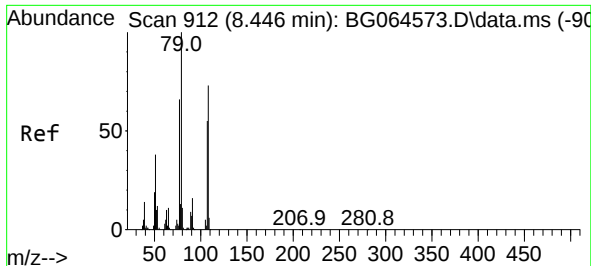
Tgt Ion:146 Resp: 49894
Ion Ratio Lower Upper
146 100
148 64.7 56.2 84.4
111 38.7 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 44.459 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:146 Resp: 49296
Ion Ratio Lower Upper
146 100
148 71.8 51.5 77.3
111 44.8 35.0 52.6

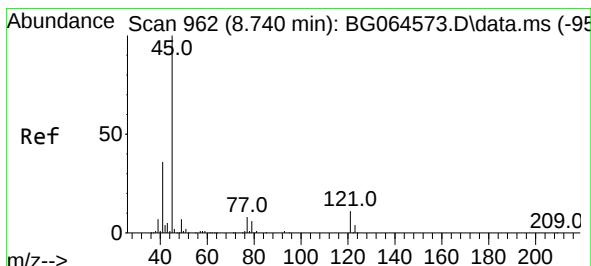
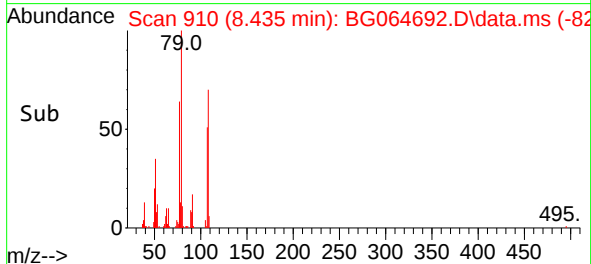
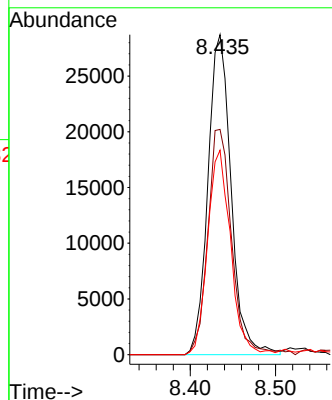
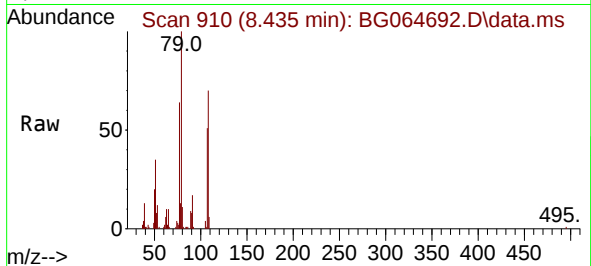




#15
Benzyl Alcohol
Concen: 50.980 ng
RT: 8.435 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

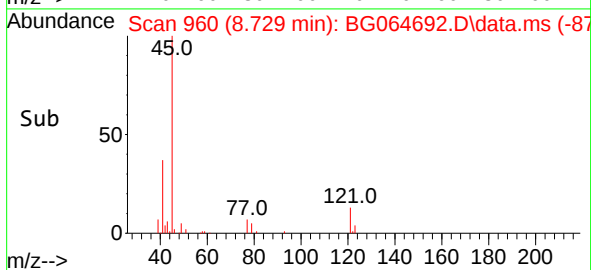
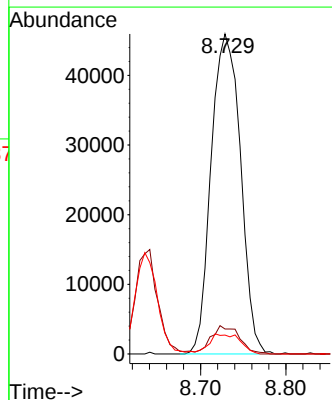
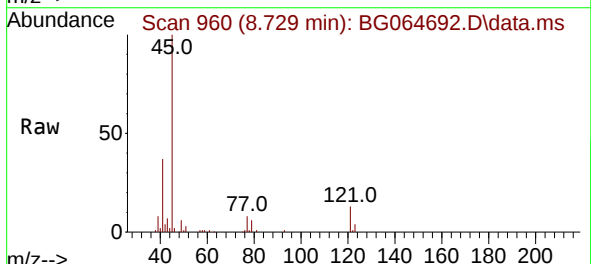
Instrument :
BNA_G
ClientSampleId :
PB170402BS

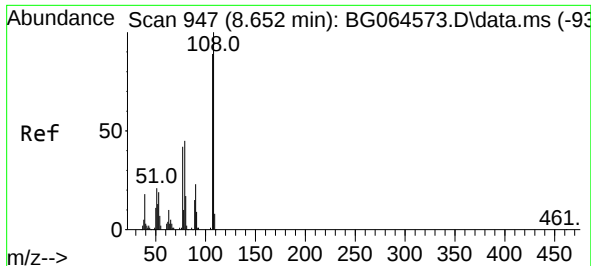
Tgt Ion: 79 Resp: 54136
Ion Ratio Lower Upper
79 100
108 70.4 58.1 87.1
77 63.9 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.046 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 45 Resp: 109989
Ion Ratio Lower Upper
45 100
77 7.8 0.0 28.5
79 5.9 0.0 25.6





#17

2-Methylphenol

Concen: 55.283 ng

RT: 8.635 min Scan# 947

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

Tgt Ion:107 Resp: 52273

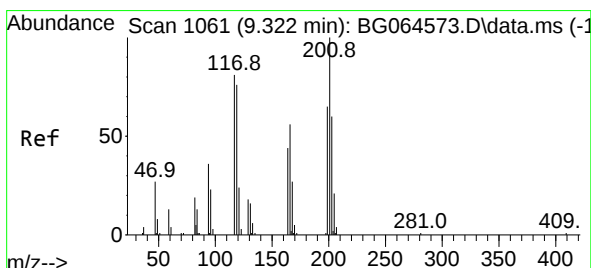
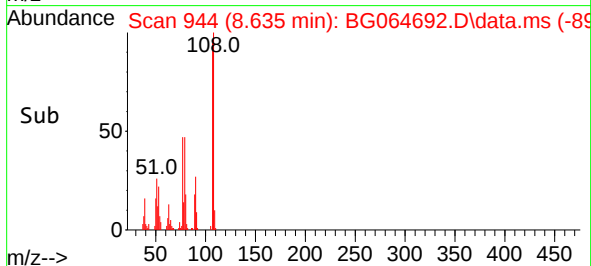
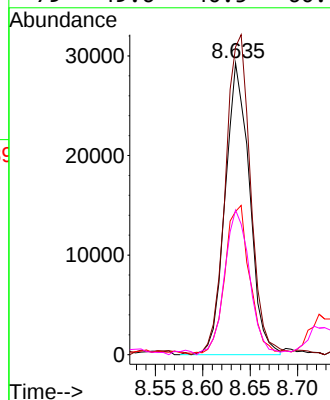
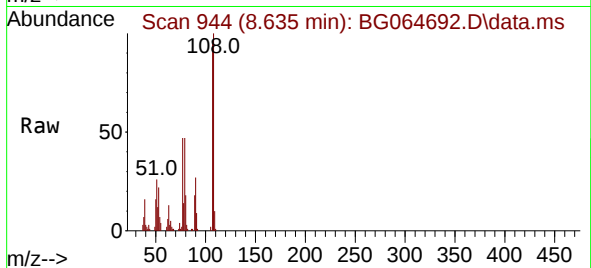
Ion Ratio Lower Upper

107 100

108 105.6 90.0 135.0

77 49.1 37.8 56.8

79 49.6 40.5 60.7



#18

Hexachloroethane

Concen: 40.889 ng

RT: 9.304 min Scan# 1058

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

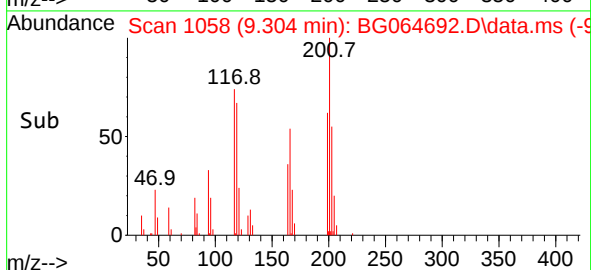
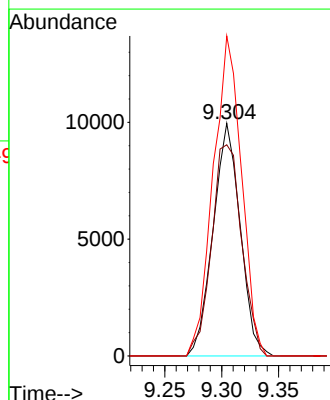
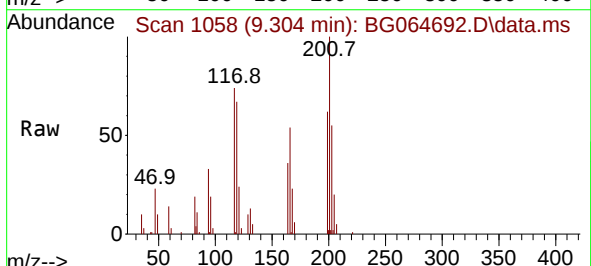
Tgt Ion:117 Resp: 16495

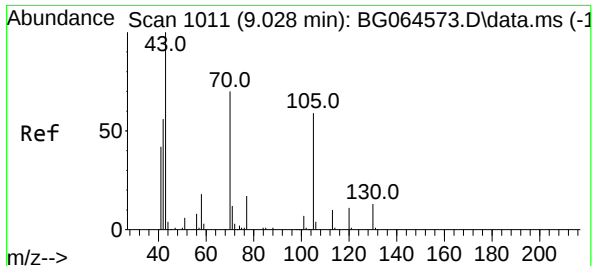
Ion Ratio Lower Upper

117 100

119 90.8 75.4 113.2

201 137.6 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 48.576 ng

RT: 9.005 min Scan# 1

Delta R.T. -0.023 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

Tgt Ion: 70 Resp: 43231

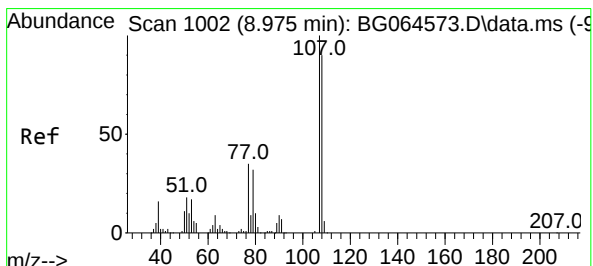
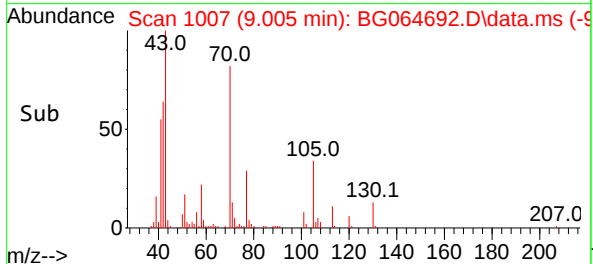
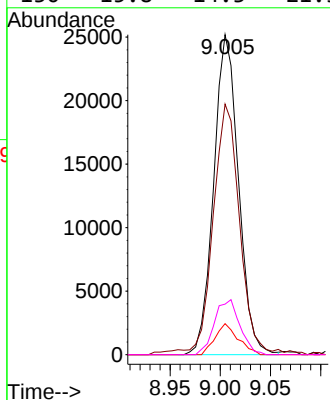
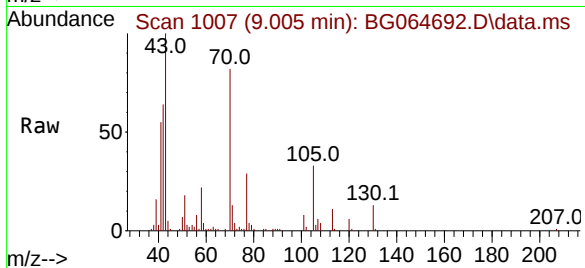
Ion Ratio Lower Upper

70 100

42 78.3 65.2 97.8

101 9.7 7.9 11.9

130 15.8 14.3 21.5



#20

3+4-Methylphenols

Concen: 57.798 ng

RT: 8.964 min Scan# 1000

Delta R.T. -0.011 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Tgt Ion:107 Resp: 76857

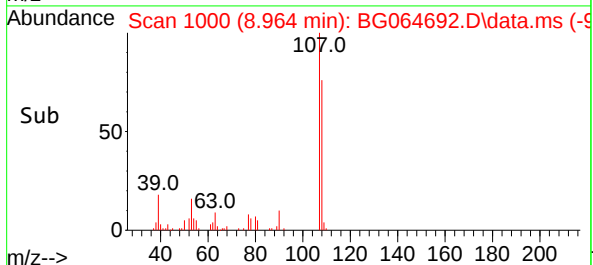
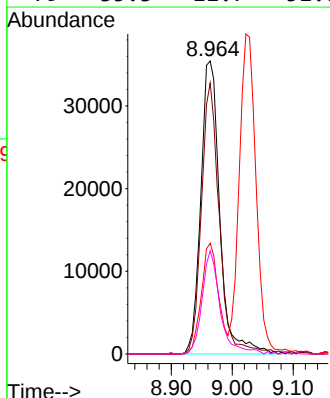
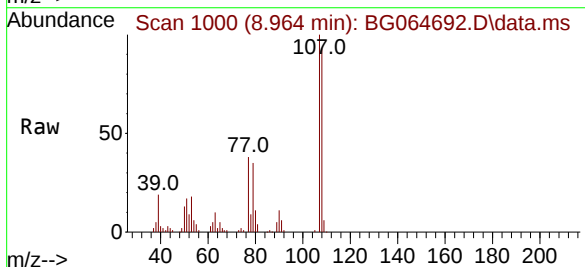
Ion Ratio Lower Upper

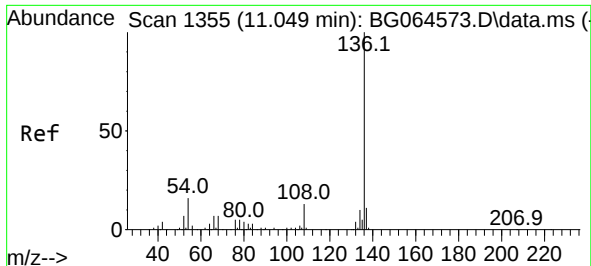
107 100

108 92.5 70.3 110.3

77 37.8 14.6 54.6

79 35.3 11.7 51.7

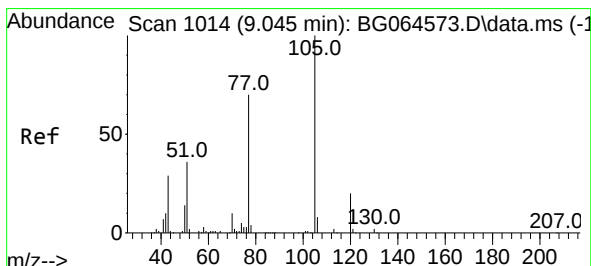
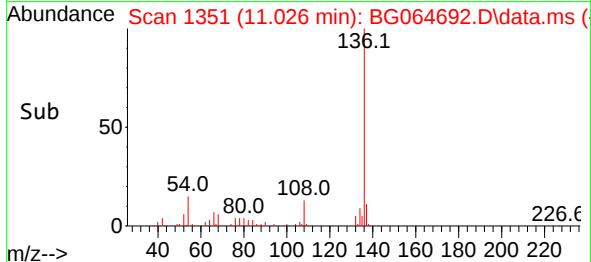
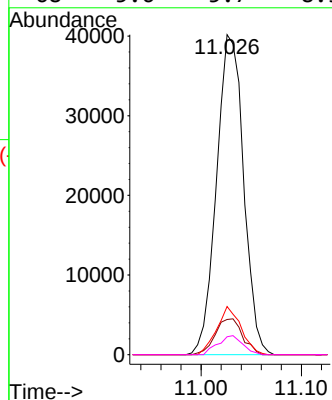
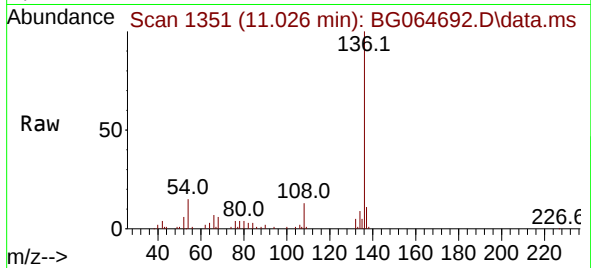




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

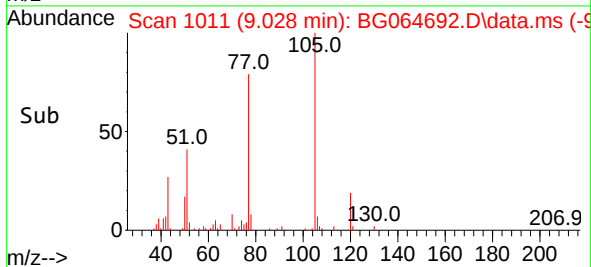
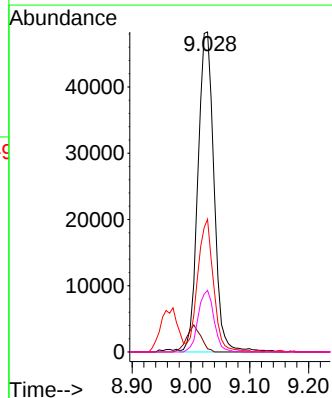
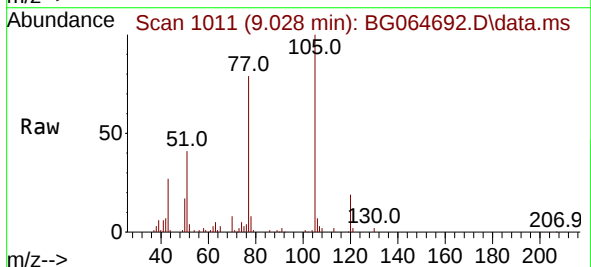
Instrument :
BNA_G
ClientSampleId :
PB170402BS

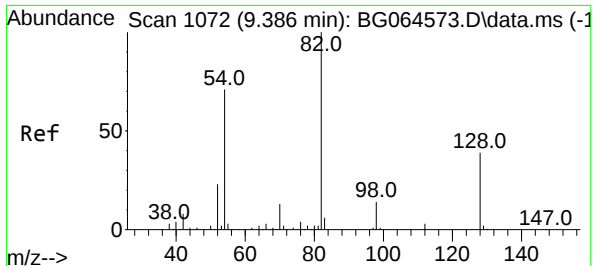
Tgt Ion:	136	Resp:	75084
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	15.1	12.6	19.0
68	5.6	5.7	8.5#



#22
Acetophenone
Concen: 44.752 ng
RT: 9.028 min Scan# 1011
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:	105	Resp:	91854
Ion Ratio	Lower	Upper	
105	100		
71	1.0	1.5	2.3#
51	41.5	33.7	50.5
120	19.3	16.1	24.1

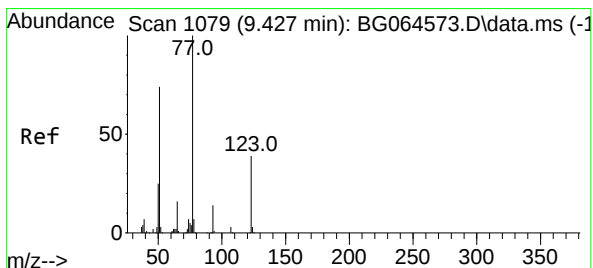
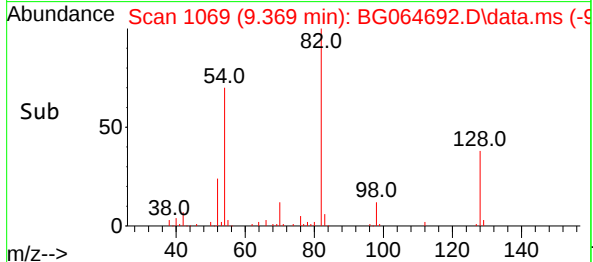
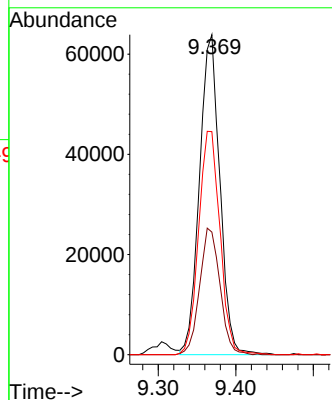
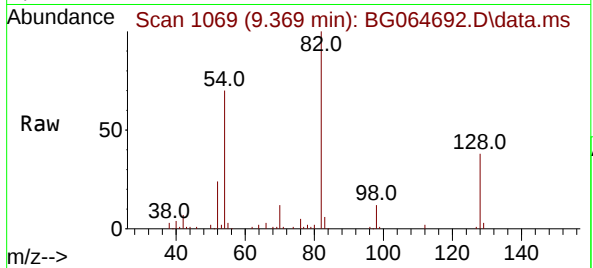




#23
Nitrobenzene-d5
Concen: 93.168 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

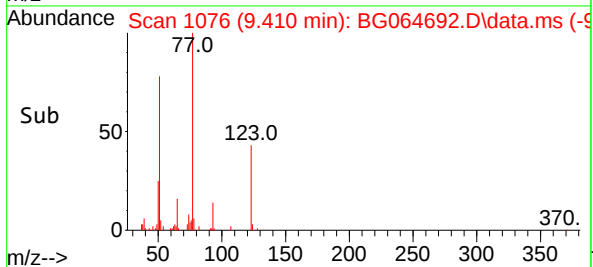
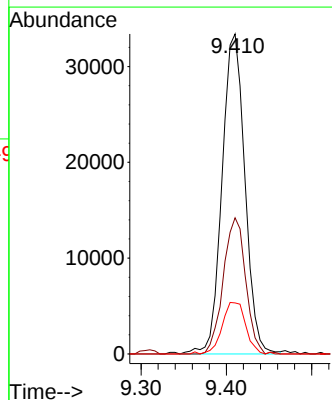
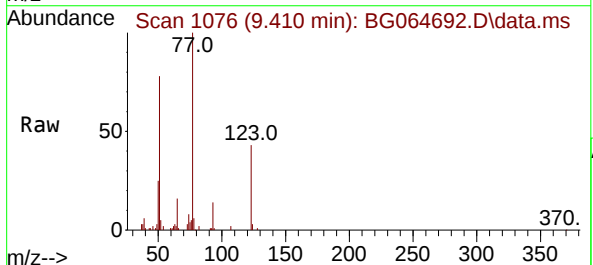
Instrument :
BNA_G
ClientSampleId :
PB170402BS

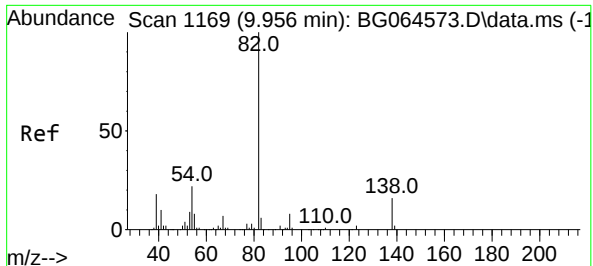
Tgt Ion: 82 Resp: 116469
Ion Ratio Lower Upper
82 100
128 38.3 31.3 46.9
54 69.7 56.6 84.8



#24
Nitrobenzene
Concen: 45.700 ng
RT: 9.410 min Scan# 1076
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 77 Resp: 62137
Ion Ratio Lower Upper
77 100
123 42.6 31.0 46.6
65 16.0 12.7 19.1

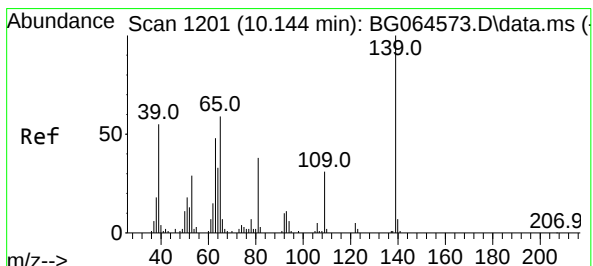
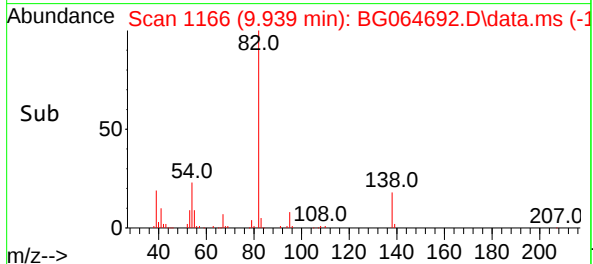
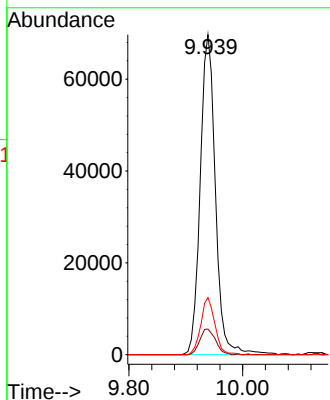
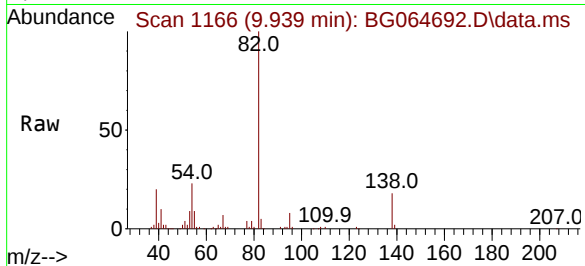




#25
Isophorone
Concen: 43.085 ng
RT: 9.939 min Scan# 1166
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

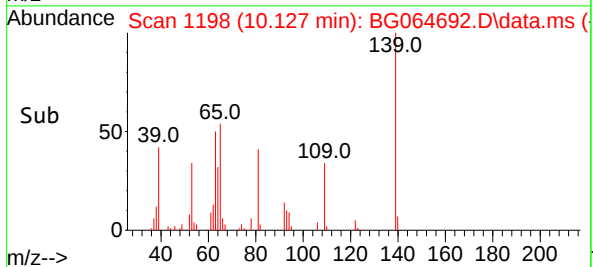
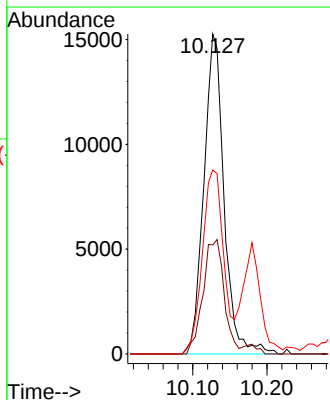
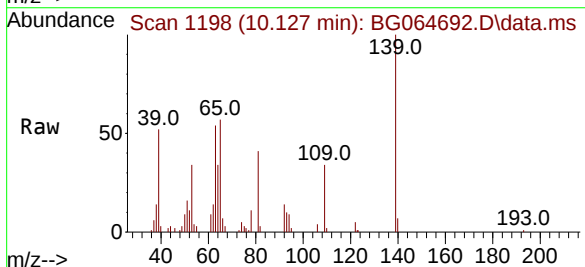
Instrument :
BNA_G
ClientSampleId :
PB170402BS

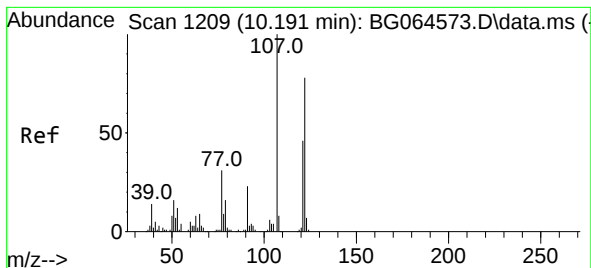
Tgt Ion: 82 Resp: 129240
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 17.9 13.0 19.4



#26
2-Nitrophenol
Concen: 54.612 ng
RT: 10.127 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:139 Resp: 28892
Ion Ratio Lower Upper
139 100
109 34.1 24.6 37.0
65 57.5 47.5 71.3

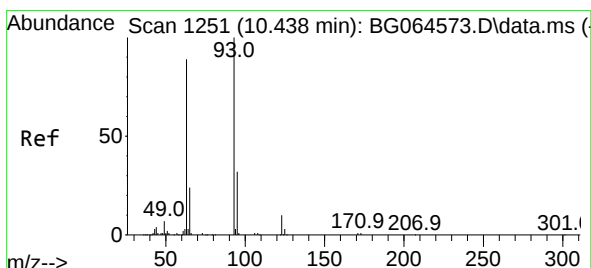
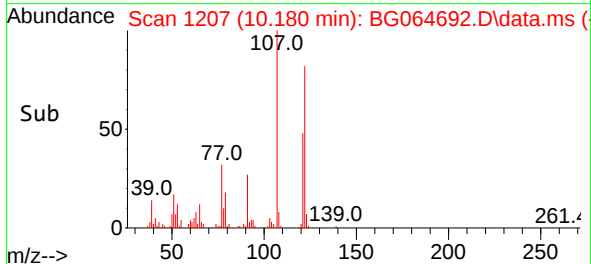
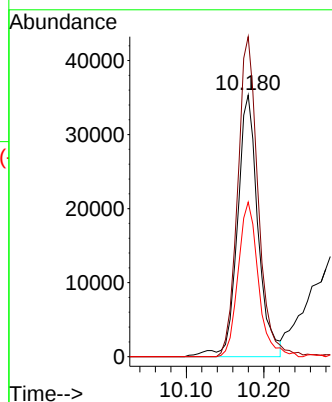
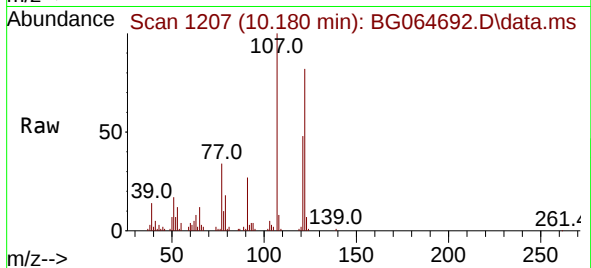




#27
2,4-Dimethylphenol
Concen: 58.241 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

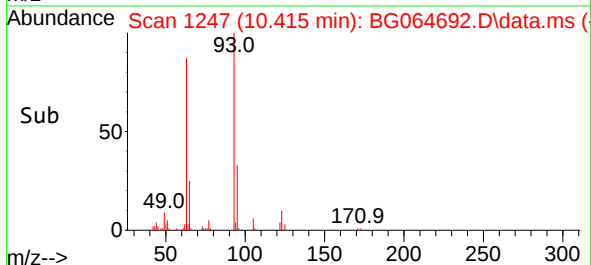
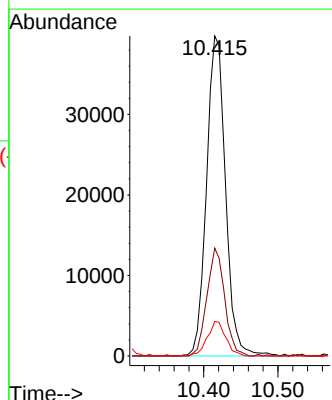
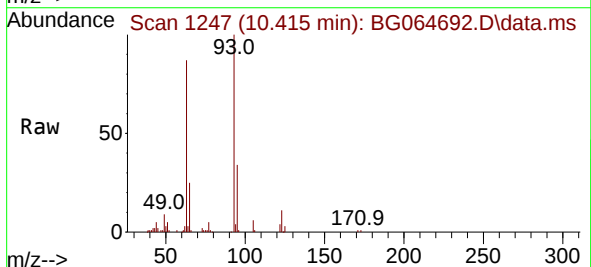
Instrument :
BNA_G
ClientSampleId :
PB170402BS

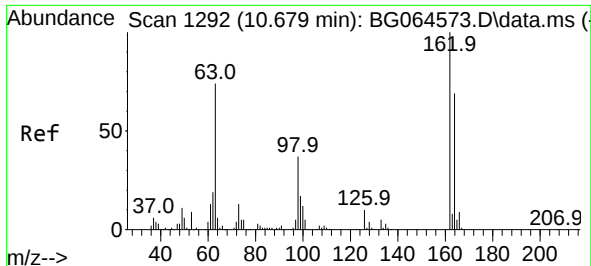
Tgt Ion:122 Resp: 64985
Ion Ratio Lower Upper
122 100
107 122.4 103.0 154.4
121 59.1 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.406 ng
RT: 10.415 min Scan# 1247
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion: 93 Resp: 70717
Ion Ratio Lower Upper
93 100
95 33.7 25.4 38.2
123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 56.268 ng

RT: 10.668 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

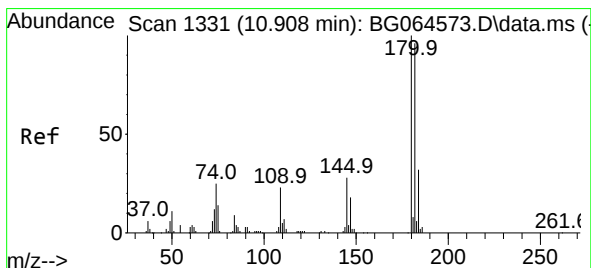
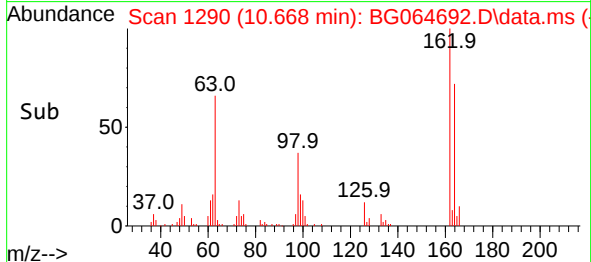
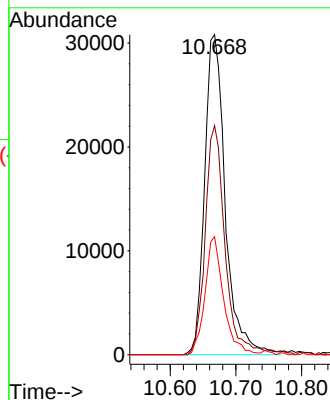
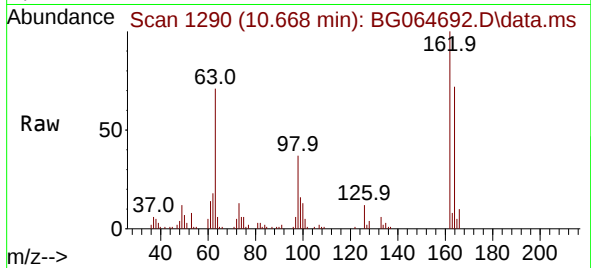
Tgt Ion:162 Resp: 67567

Ion Ratio Lower Upper

162 100

164 71.6 48.7 88.7

98 36.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 44.855 ng

RT: 10.891 min Scan# 1328

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

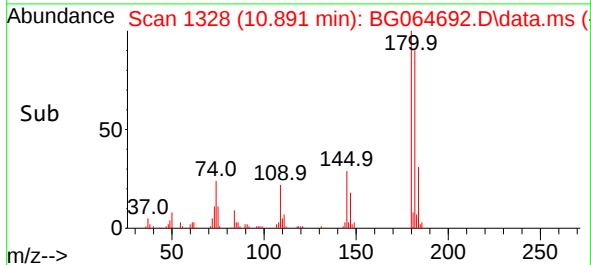
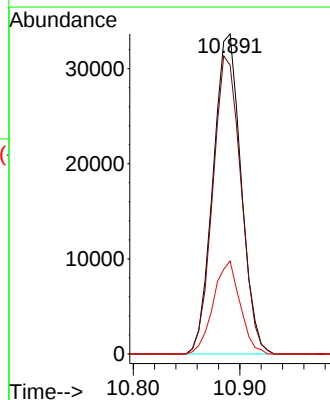
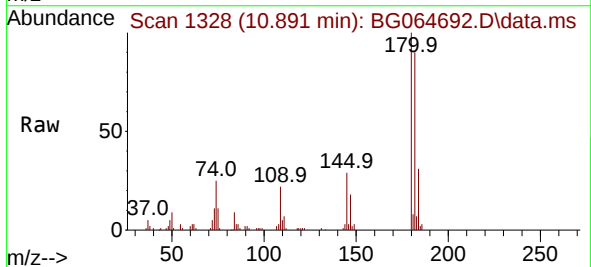
Tgt Ion:180 Resp: 61198

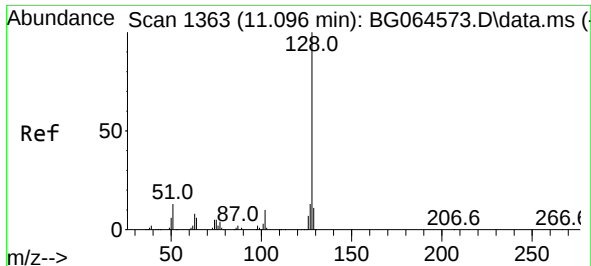
Ion Ratio Lower Upper

180 100

182 90.2 76.9 115.3

145 29.0 22.1 33.1

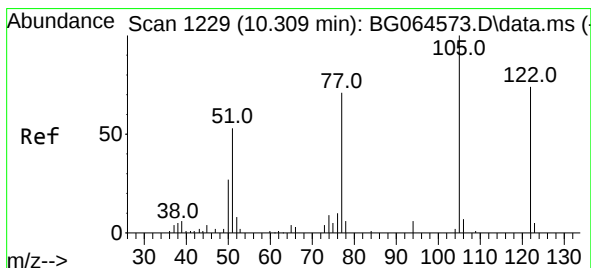
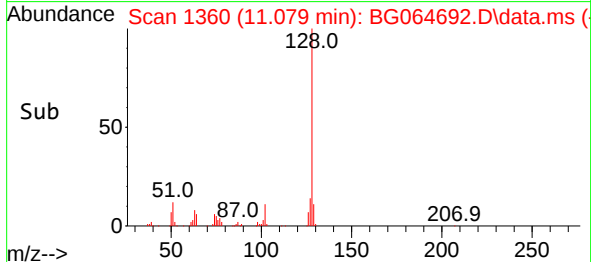
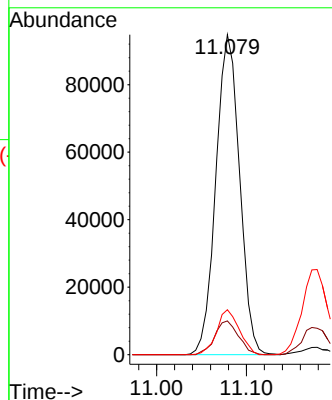
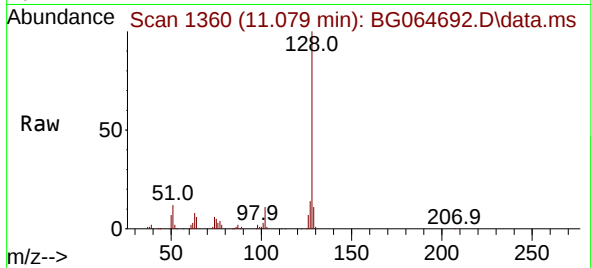




#31
Naphthalene
Concen: 41.717 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

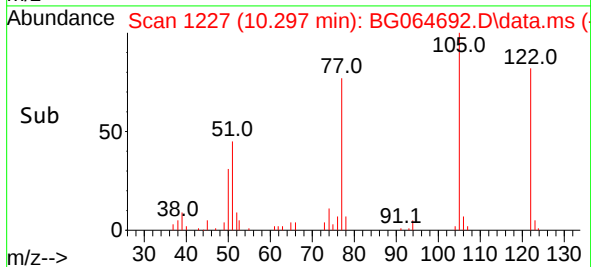
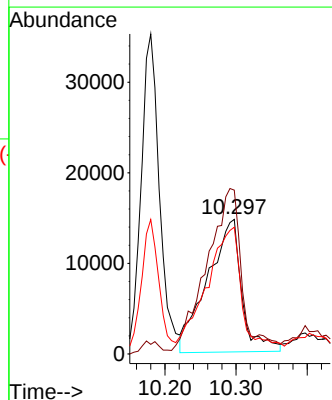
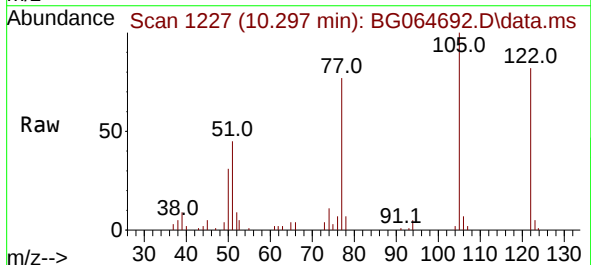
Instrument :
BNA_G
ClientSampleId :
PB170402BS

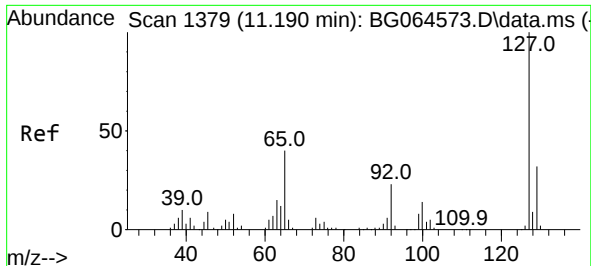
Tgt Ion:128 Resp: 173664
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.1 10.6 15.8



#32
Benzoic acid
Concen: 56.278 ng
RT: 10.297 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

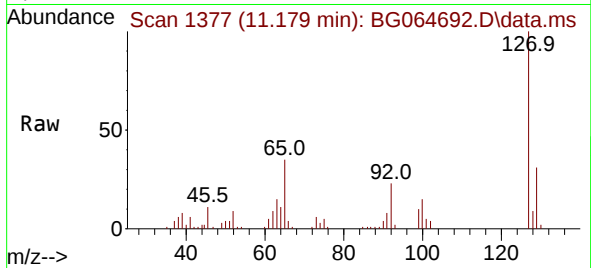
Tgt Ion:122 Resp: 49134
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 94.2 70.2 110.2



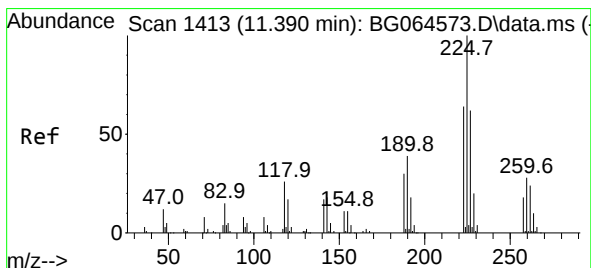
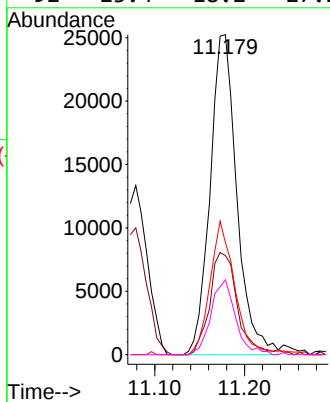
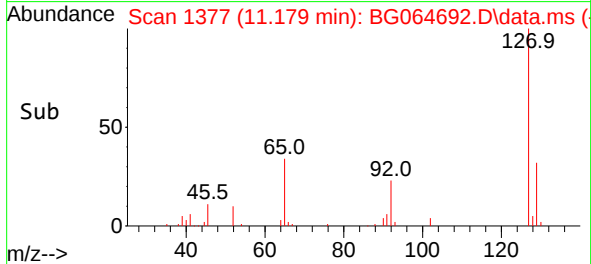


#33
4-Chloroaniline
Concen: 32.298 ng
RT: 11.179 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

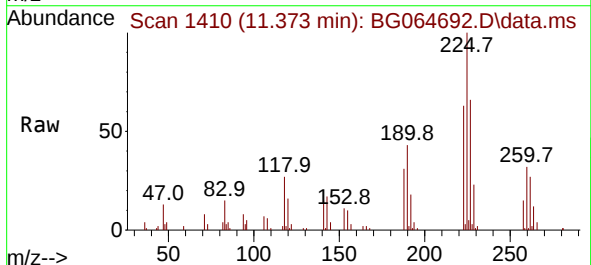
Instrument :
BNA_G
ClientSampleId :
PB170402BS



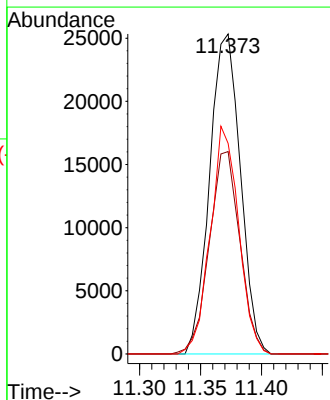
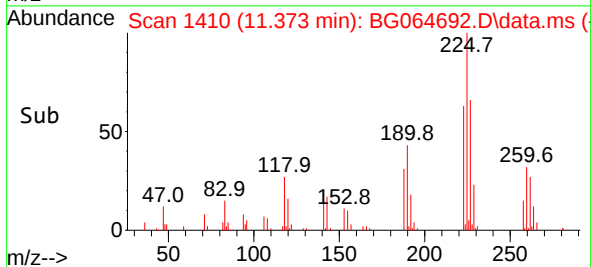
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.5	38.3
65	35.0	32.2	48.4
92	23.4	18.2	27.2

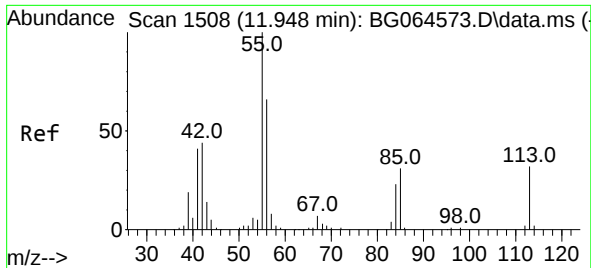


#34
Hexachlorobutadiene
Concen: 41.754 ng
RT: 11.373 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26



Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	65.5	49.5	74.3

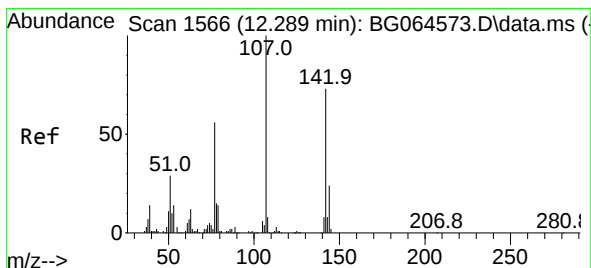
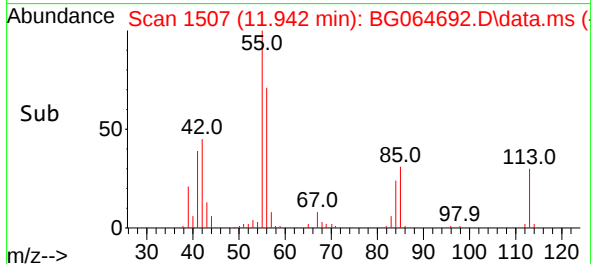
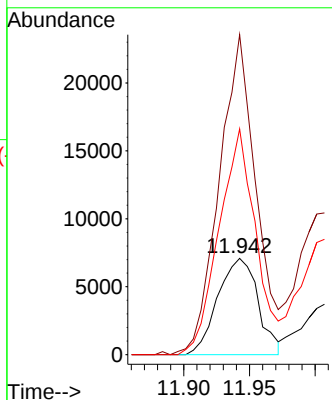
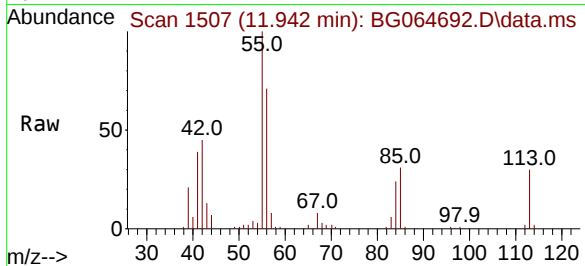




#35
Caprolactam
Concen: 32.890 ng
RT: 11.942 min Scan# 1507
Delta R.T. -0.005 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

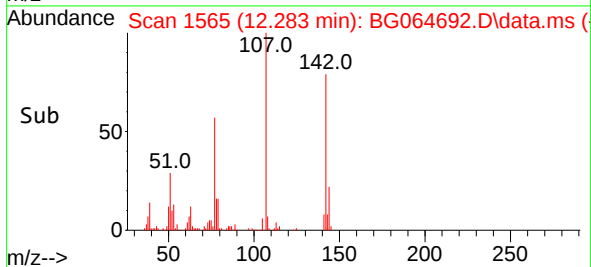
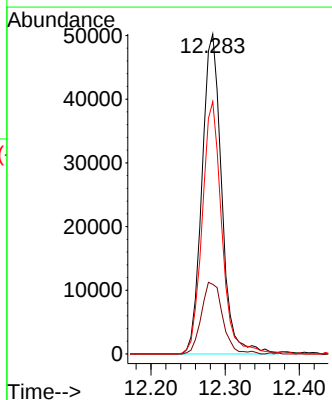
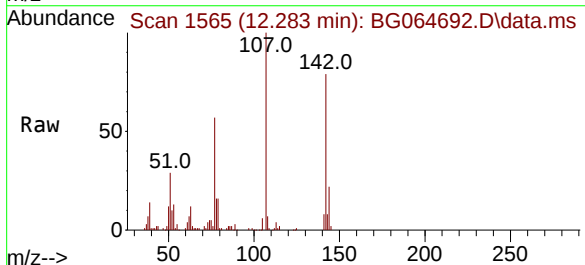
Instrument :
BNA_G
ClientSampleId :
PB170402BS

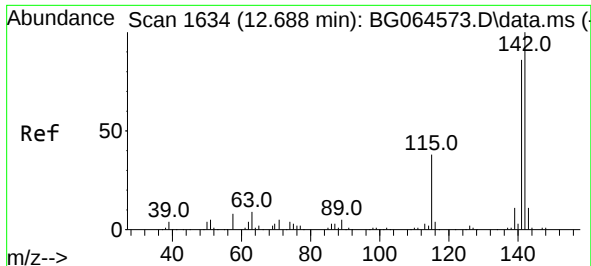
Tgt Ion:113 Resp: 15148
Ion Ratio Lower Upper
113 100
55 332.0 290.1 330.1#
56 234.2 183.8 223.8#



#36
4-Chloro-3-methylphenol
Concen: 64.254 ng
RT: 12.283 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:107 Resp: 92743
Ion Ratio Lower Upper
107 100
144 21.7 19.1 28.7
142 78.8 58.6 87.8

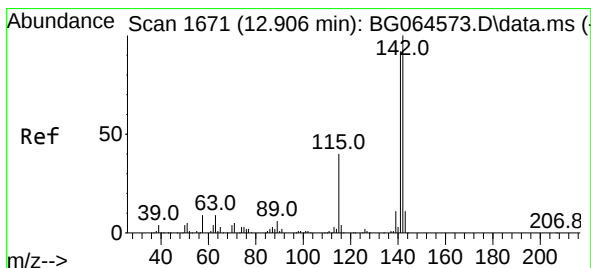
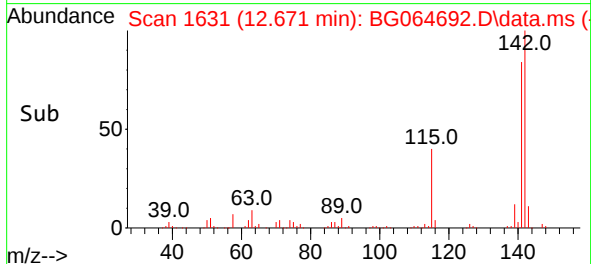
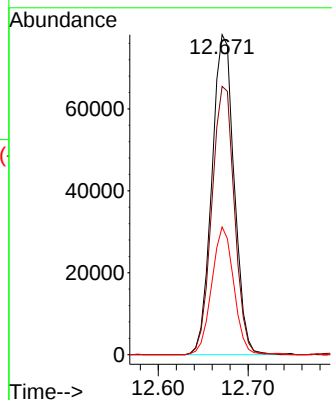
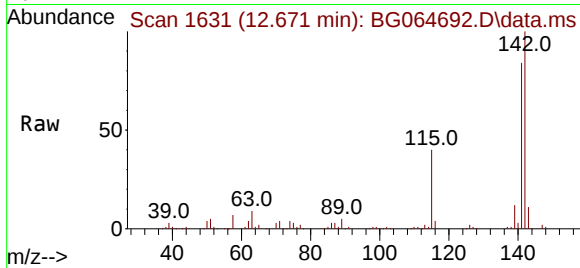




#37
2-Methylnaphthalene
Concen: 44.162 ng
RT: 12.671 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

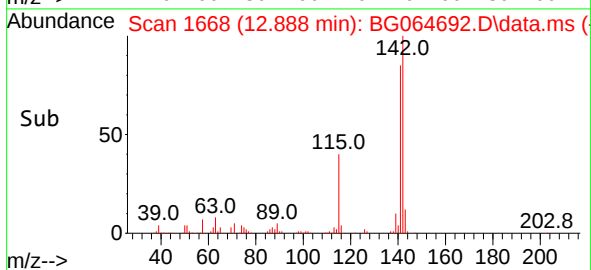
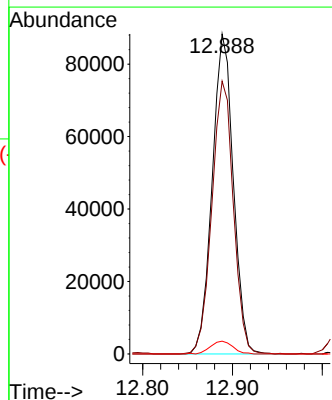
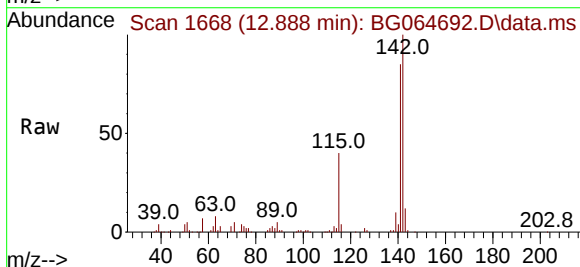
Instrument :
BNA_G
ClientSampleId :
PB170402BS

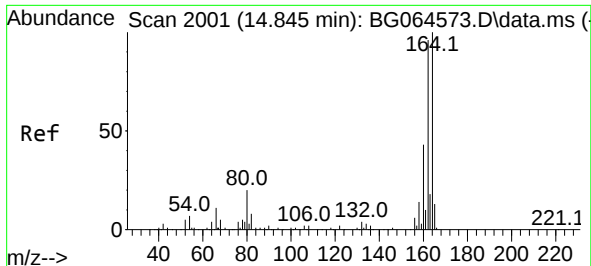
Tgt Ion:142 Resp: 134976
Ion Ratio Lower Upper
142 100
141 83.9 68.9 103.3
115 39.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 47.559 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:142 Resp: 143897
Ion Ratio Lower Upper
142 100
141 85.2 73.3 109.9
116 4.0 3.1 4.7

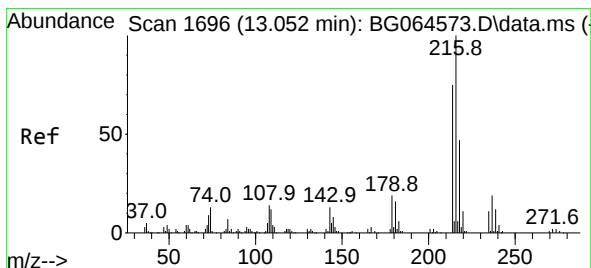
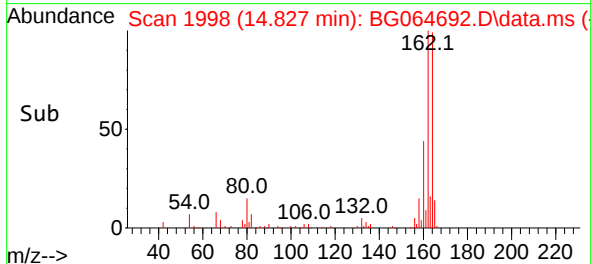
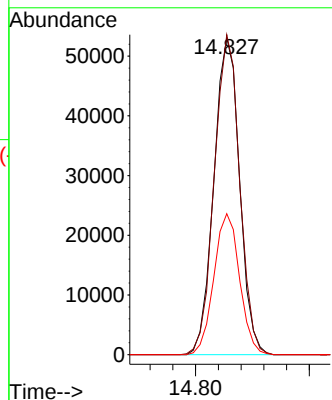
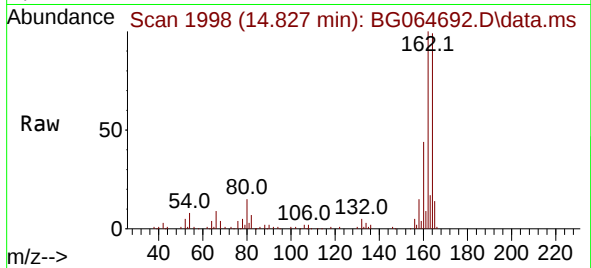




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

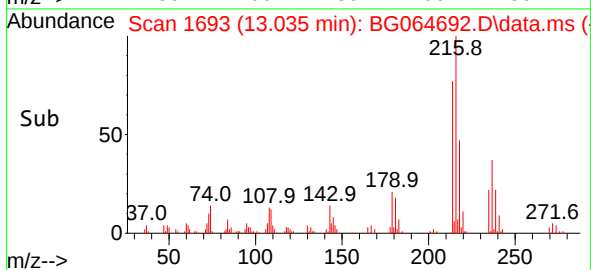
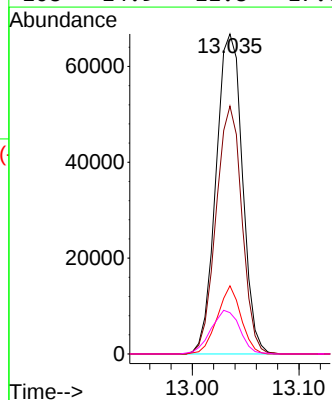
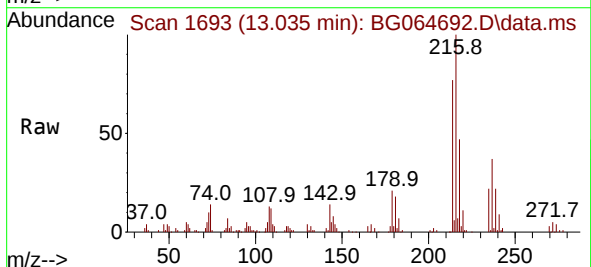
Instrument :
BNA_G
ClientSampleId :
PB170402BS

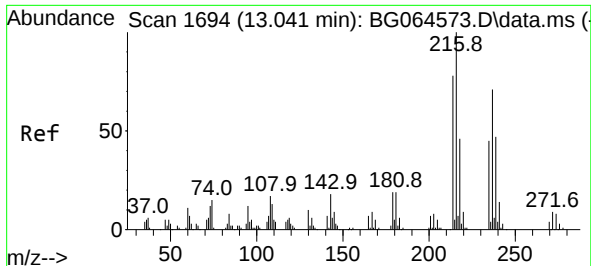
Tgt Ion:164 Resp: 83046
Ion Ratio Lower Upper
164 100
162 100.9 77.0 115.6
160 44.4 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.191 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

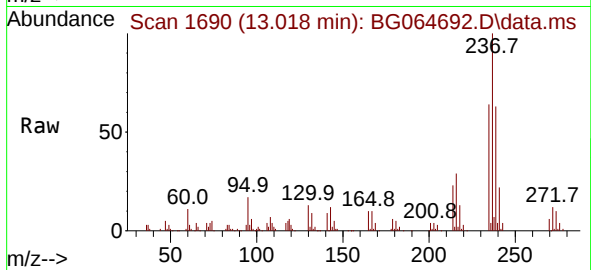
Tgt Ion:216 Resp: 114803
Ion Ratio Lower Upper
216 100
214 75.8 61.4 92.2
179 19.2 15.4 23.0
108 14.9 11.8 17.6



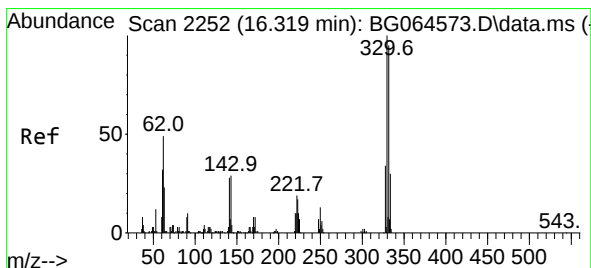
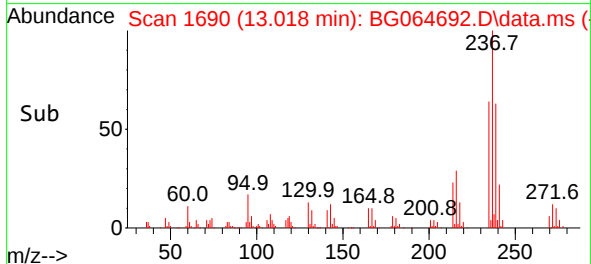
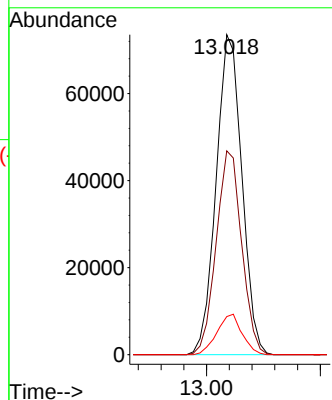


#41
Hexachlorocyclopentadiene
Concen: 92.157 ng
RT: 13.018 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Instrument :
BNA_G
ClientSampleId :
PB170402BS

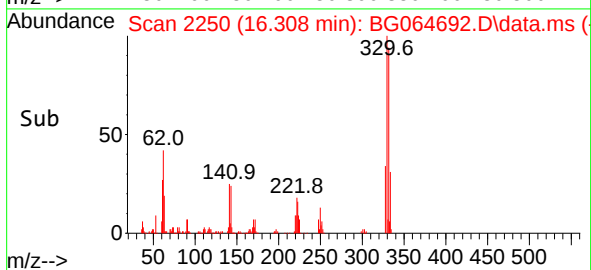
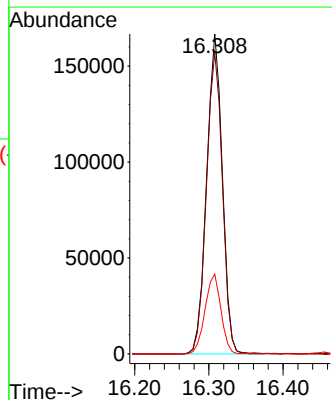
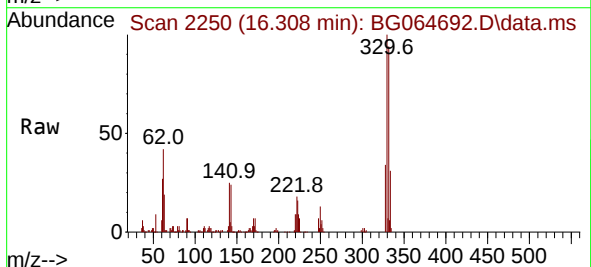


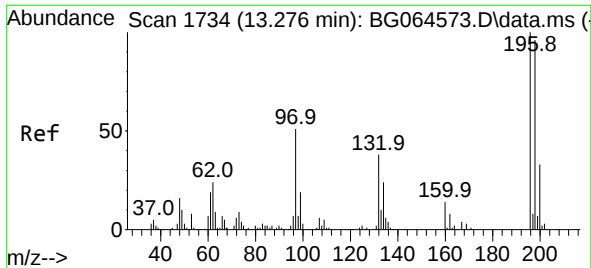
Tgt Ion:237 Resp: 115610
Ion Ratio Lower Upper
237 100
235 63.7 44.1 84.1
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 205.504 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:330 Resp: 246318
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 25.3 21.8 32.6

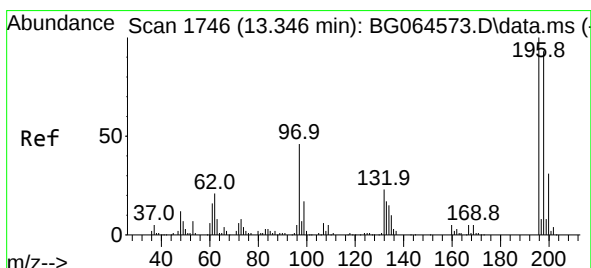
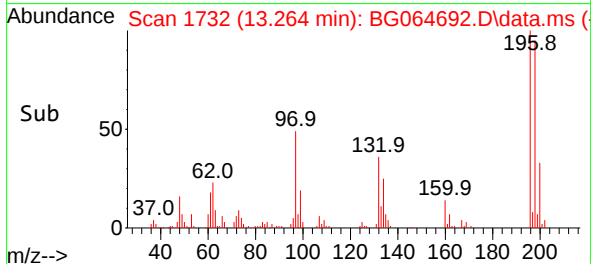
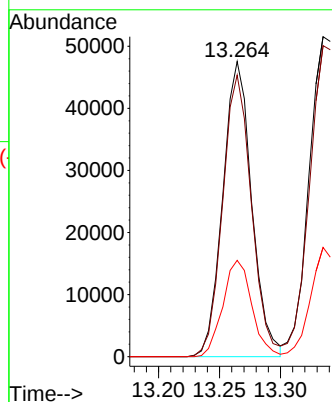
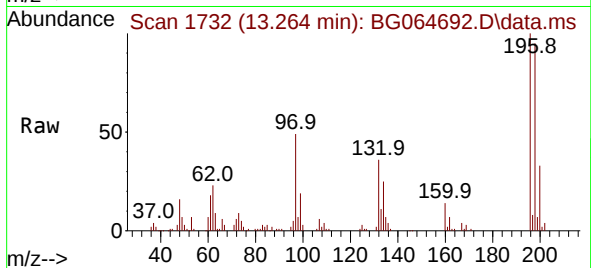




#43
2,4,6-Trichlorophenol
Concen: 49.237 ng
RT: 13.264 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

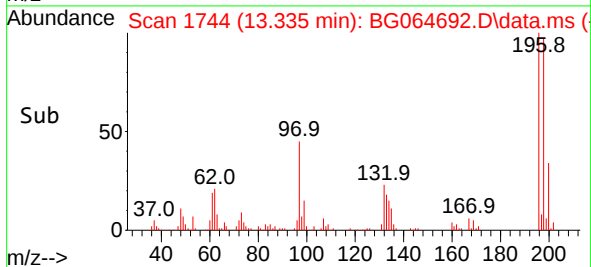
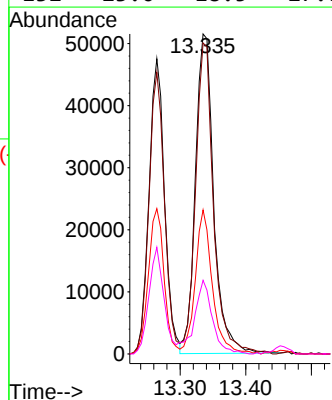
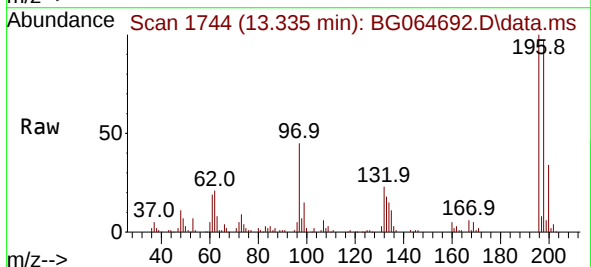
Instrument :
BNA_G
ClientSampleId :
PB170402BS

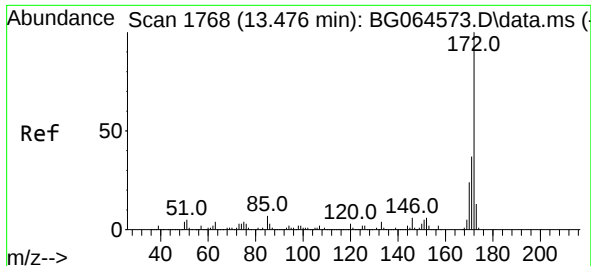
Tgt Ion:196 Resp: 78495
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
200 32.6 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 54.550 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:196 Resp: 100358
Ion Ratio Lower Upper
196 100
198 97.2 74.2 111.4
97 45.0 37.0 55.6
132 23.0 18.5 27.7

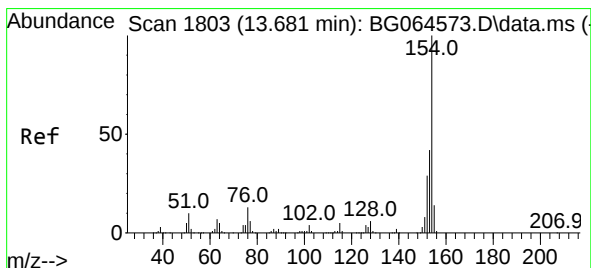
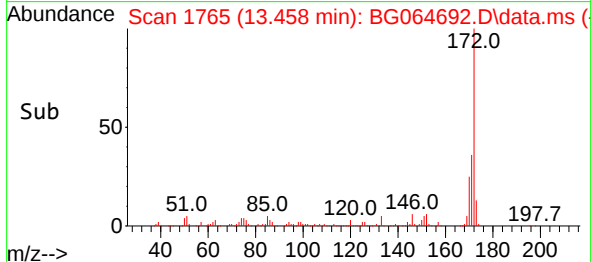
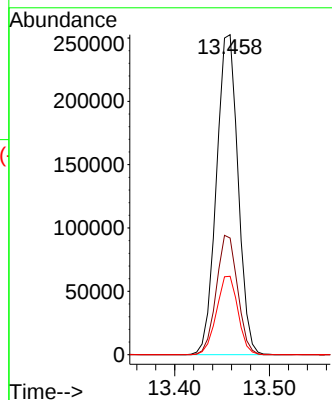
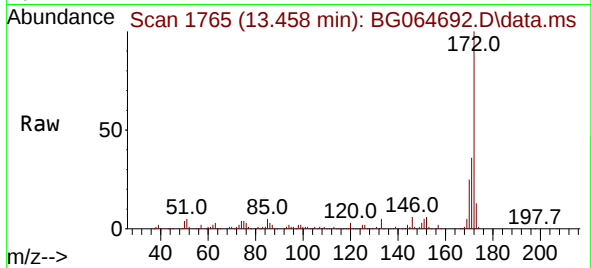




#45
2-Fluorobiphenyl
Concen: 72.959 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

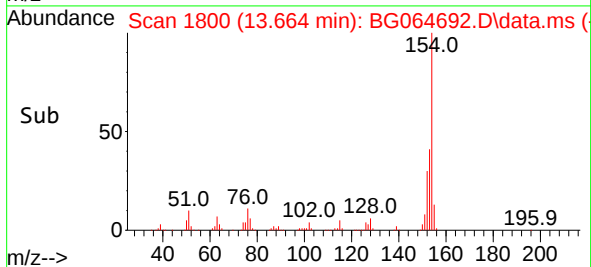
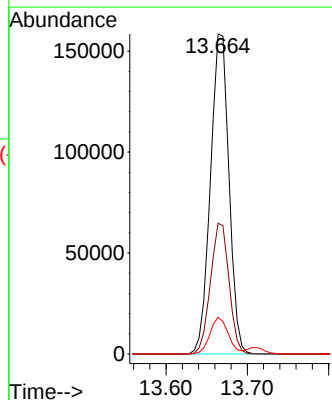
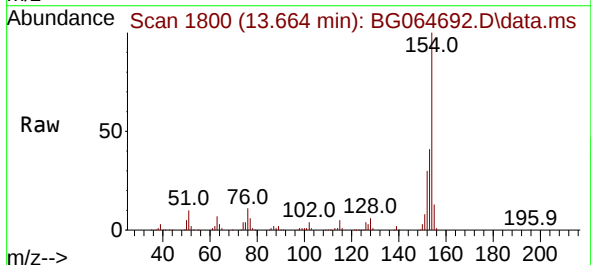
Instrument :
BNA_G
ClientSampleId :
PB170402BS

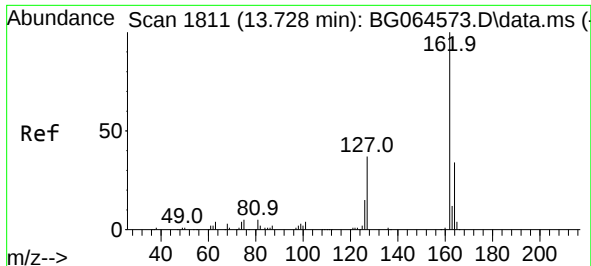
Tgt Ion:172 Resp: 399736
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.500 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:154 Resp: 250919
Ion Ratio Lower Upper
154 100
153 40.9 22.4 62.4
76 11.5 0.0 33.5





#47

2-Chloronaphthalene

Concen: 39.292 ng

RT: 13.711 min Scan# 1808

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

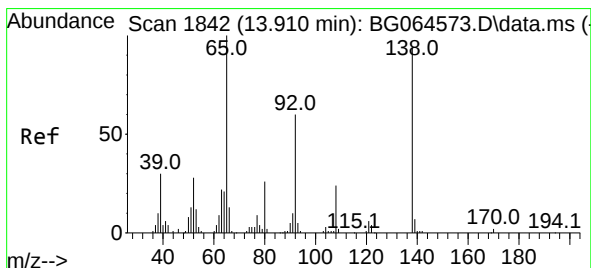
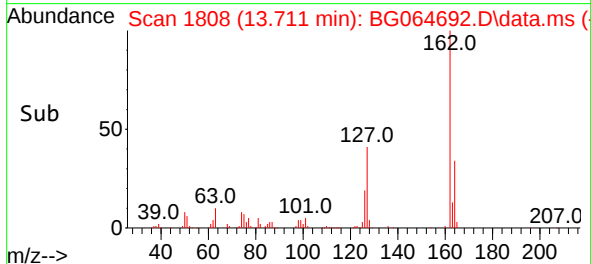
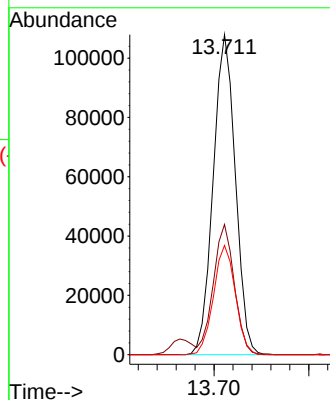
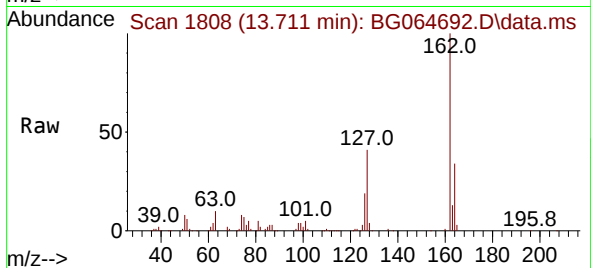
Tgt Ion:162 Resp: 175107

Ion Ratio Lower Upper

162 100

127 40.7 32.2 48.2

164 34.2 27.5 41.3



#48

2-Nitroaniline

Concen: 53.874 ng

RT: 13.899 min Scan# 1840

Delta R.T. -0.011 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

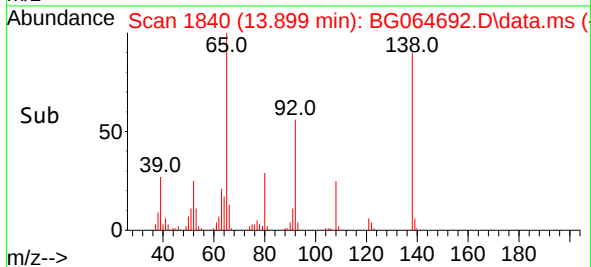
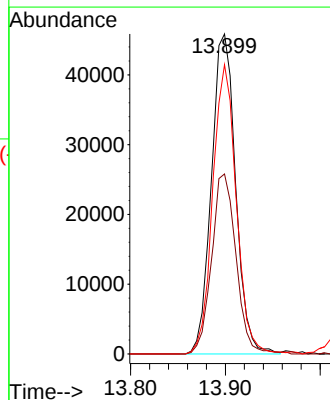
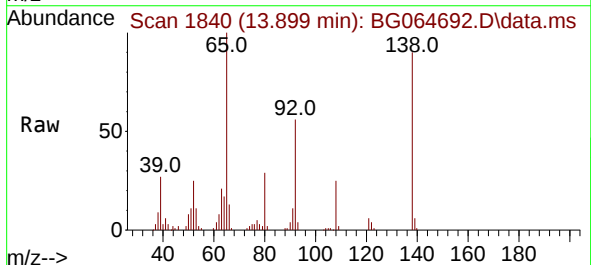
Tgt Ion: 65 Resp: 81233

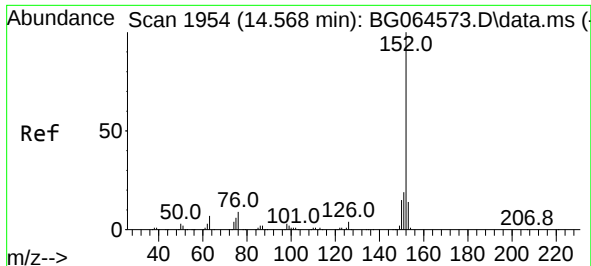
Ion Ratio Lower Upper

65 100

92 56.3 48.3 72.5

138 90.4 74.9 112.3

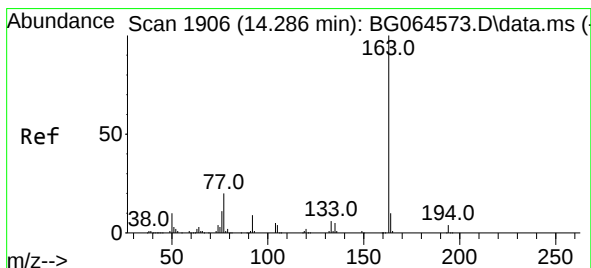
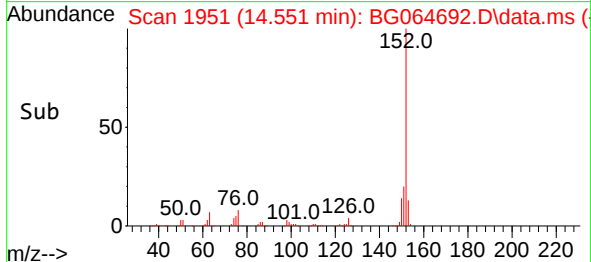
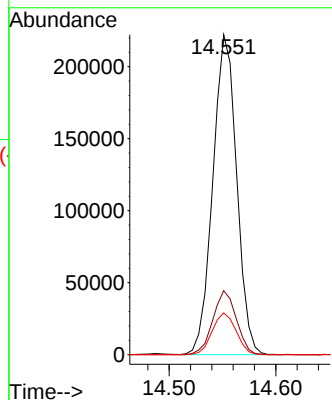
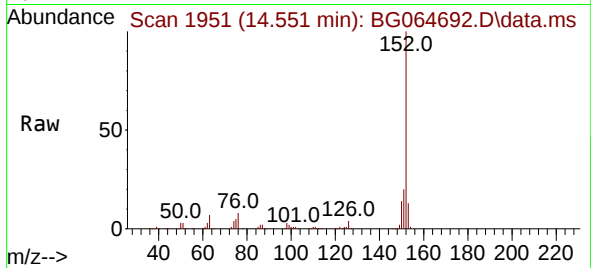




#49
Acenaphthylene
Concen: 48.978 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

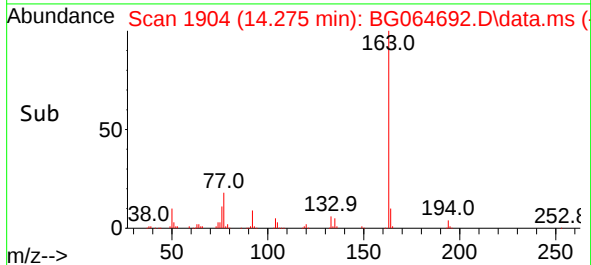
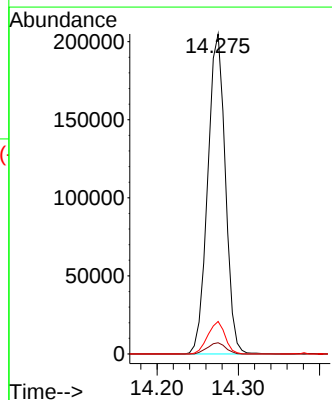
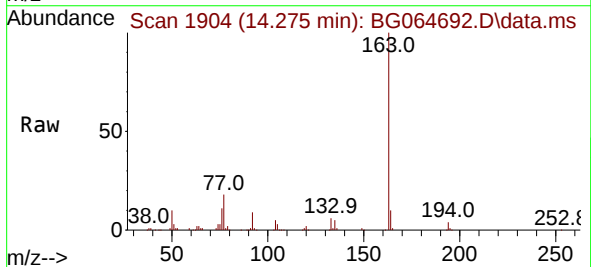
Instrument :
BNA_G
ClientSampleId :
PB170402BS

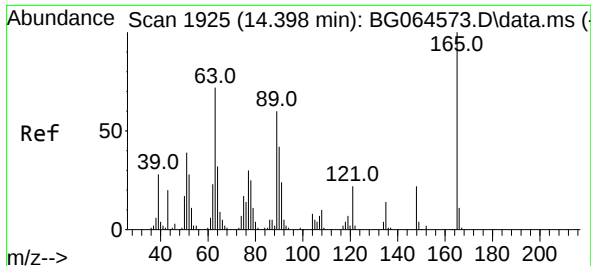
Tgt Ion:152 Resp: 344286
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 13.1 11.0 16.4



#50
Dimethylphthalate
Concen: 48.473 ng
RT: 14.275 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:163 Resp: 308030
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 7.7 11.5

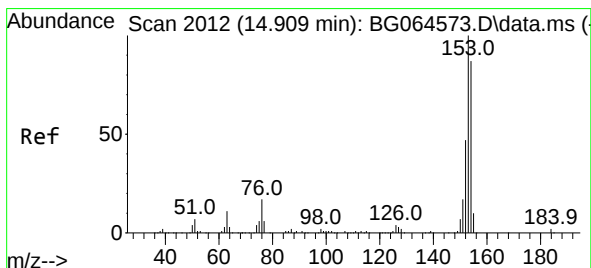
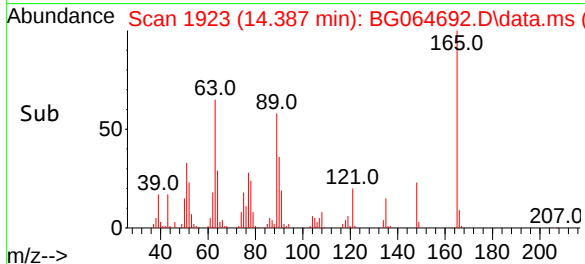
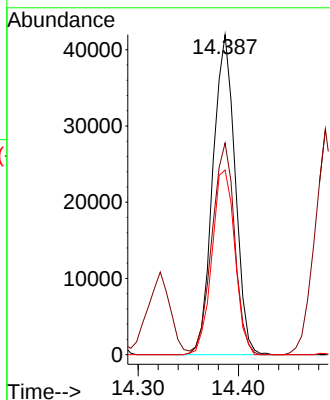
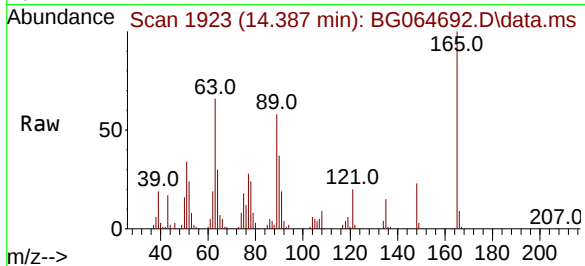




#51
2,6-Dinitrotoluene
Concen: 60.630 ng
RT: 14.387 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

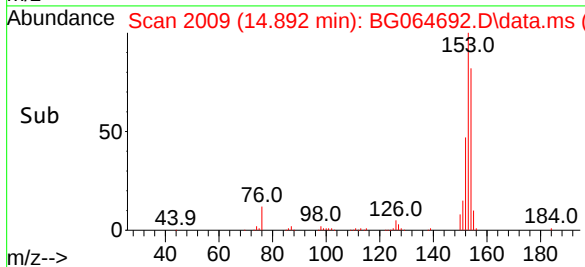
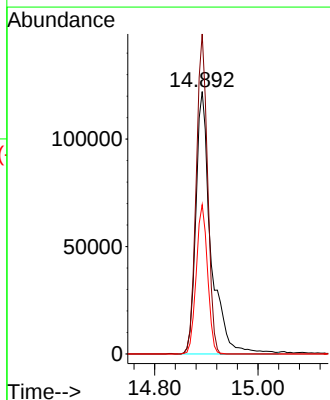
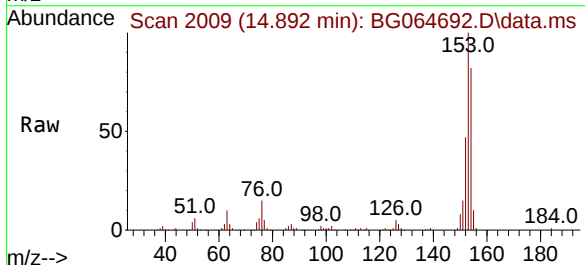
Instrument :
BNA_G
ClientSampleId :
PB170402BS

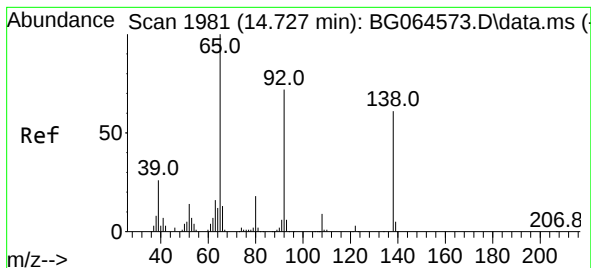
Tgt Ion:165 Resp: 64516
Ion Ratio Lower Upper
165 100
63 66.2 57.4 86.0
89 57.7 47.8 71.8



#52
Acenaphthene
Concen: 51.428 ng
RT: 14.892 min Scan# 2009
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:154 Resp: 246986
Ion Ratio Lower Upper
154 100
153 122.0 92.2 138.4
152 56.9 43.2 64.8

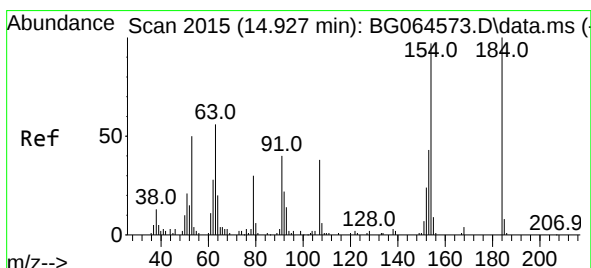
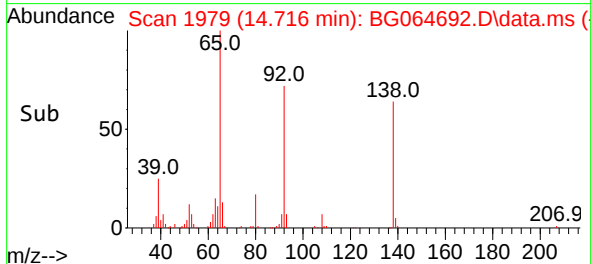
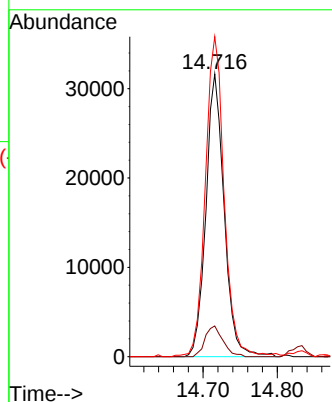
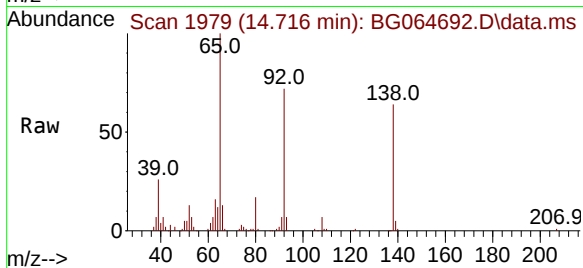




#53
3-Nitroaniline
Concen: 49.698 ng
RT: 14.716 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

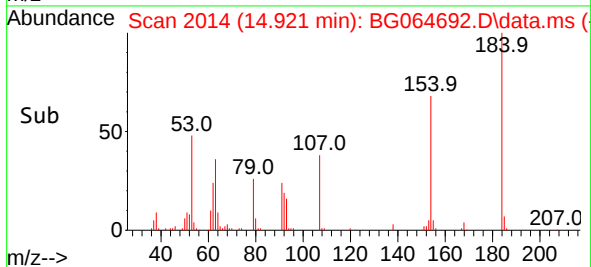
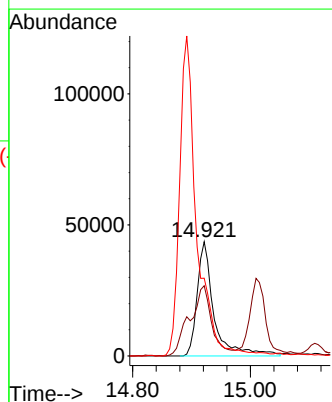
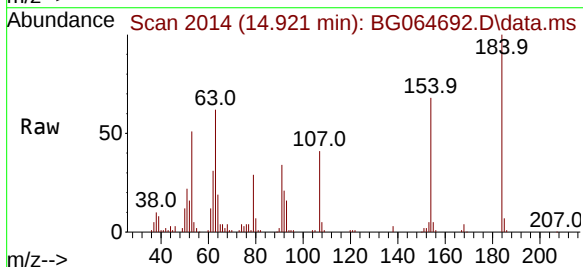
Instrument :
BNA_G
ClientSampleId :
PB170402BS

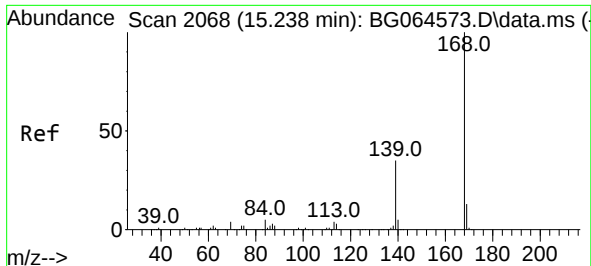
Tgt Ion:138 Resp: 54274
Ion Ratio Lower Upper
138 100
108 10.9 11.4 17.0#
92 113.2 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 131.284 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:184 Resp: 86939
Ion Ratio Lower Upper
184 100
63 61.5 56.6 85.0
154 68.1 158.6 238.0#

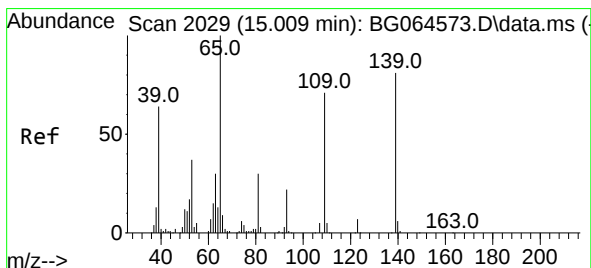
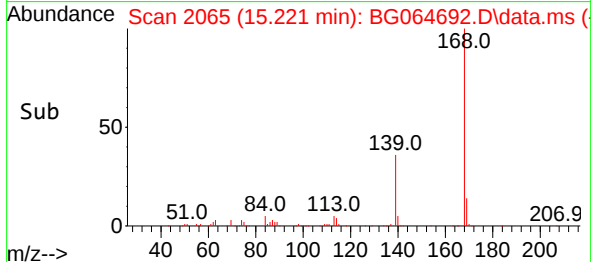
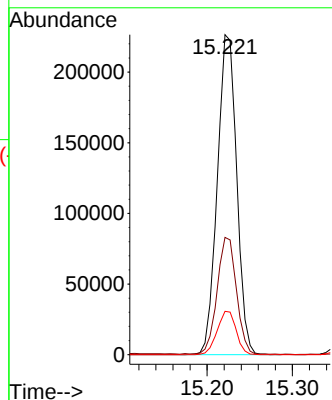
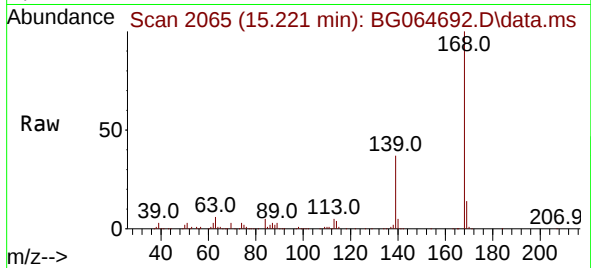




#55
Dibenzofuran
Concen: 46.059 ng
RT: 15.221 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

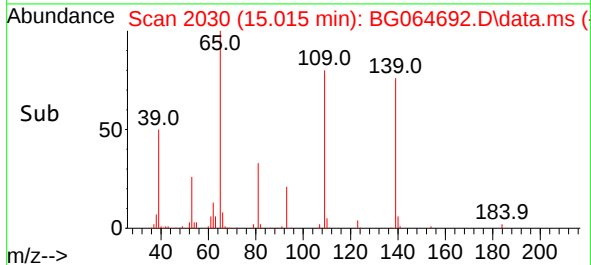
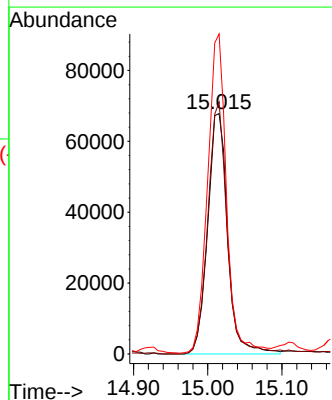
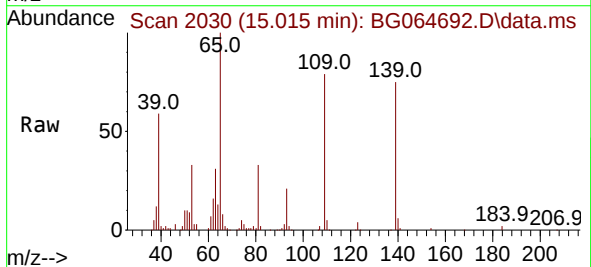
Instrument :
BNA_G
ClientSampleId :
PB170402BS

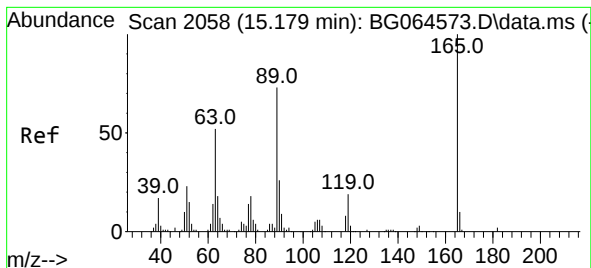
Tgt Ion:168 Resp: 357615
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.8
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 125.202 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:139 Resp: 126769
Ion Ratio Lower Upper
139 100
109 104.8 67.8 107.8
65 133.2 103.7 143.7

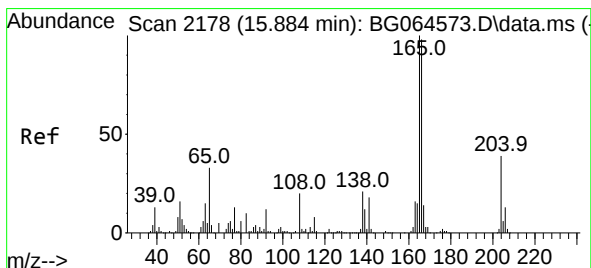
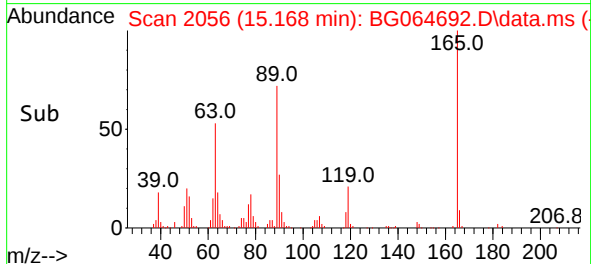
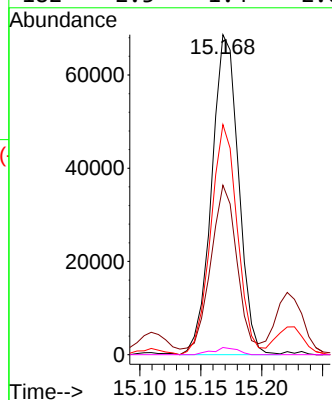
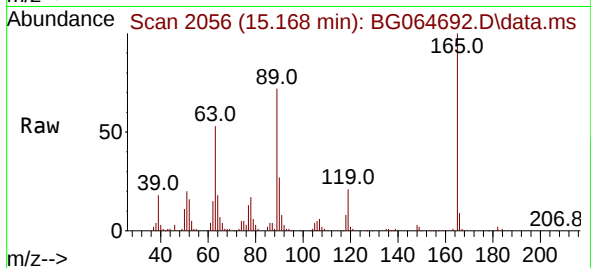




#57
2,4-Dinitrotoluene
Concen: 63.955 ng
RT: 15.168 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

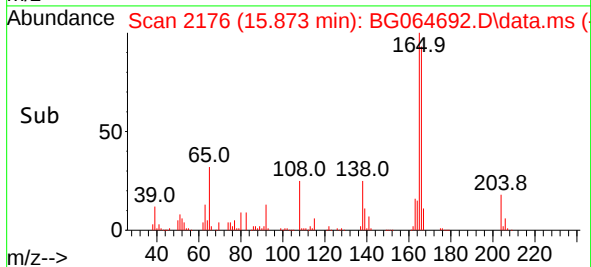
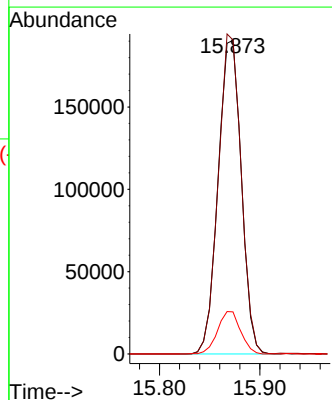
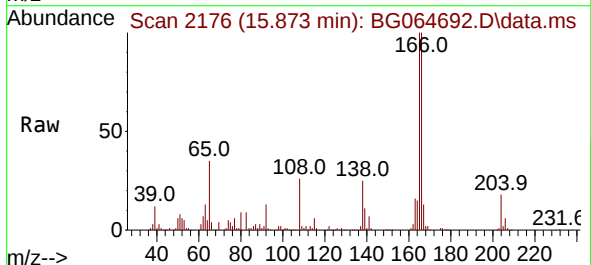
Instrument :
BNA_G
ClientSampleId :
PB170402BS

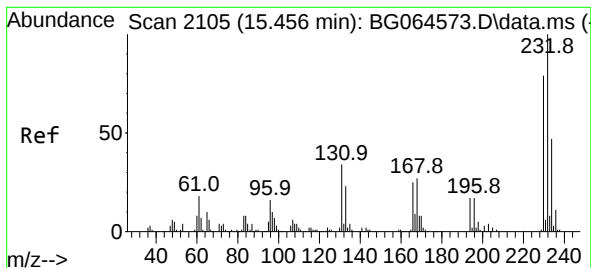
Tgt Ion:165 Resp: 105439
Ion Ratio Lower Upper
165 100
63 53.0 41.8 62.8
89 71.9 58.1 87.1
182 2.3 1.4 2.0#



#58
Fluorene
Concen: 50.412 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:166 Resp: 305682
Ion Ratio Lower Upper
166 100
165 100.1 81.5 122.3
167 13.4 11.4 17.0

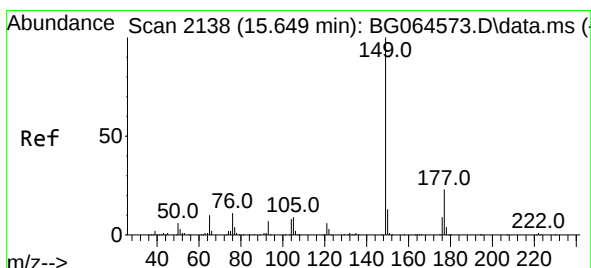
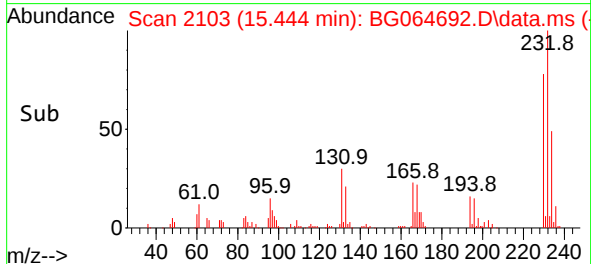
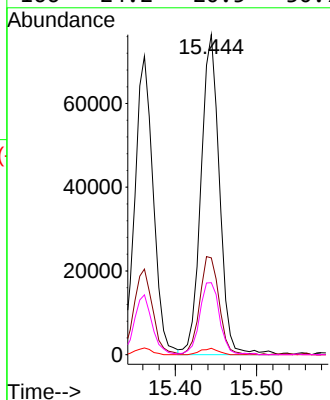
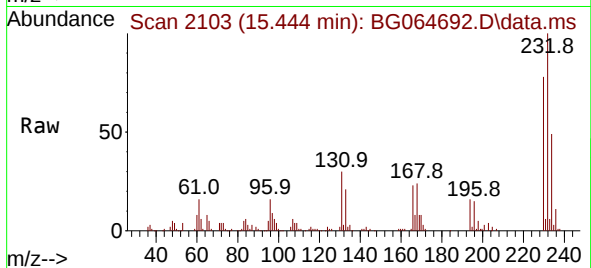




#59
2,3,4,6-Tetrachlorophenol
Concen: 68.710 ng
RT: 15.444 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

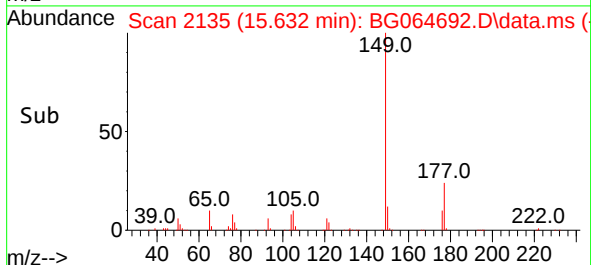
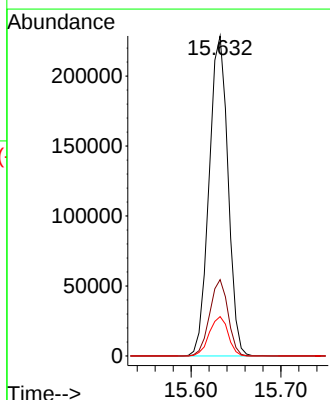
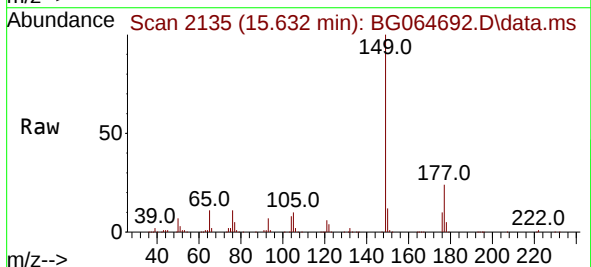
Instrument :
BNA_G
ClientSampleId :
PB170402BS

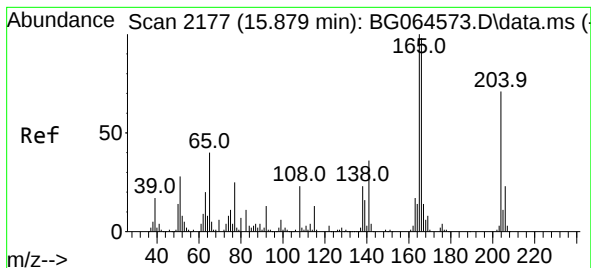
Tgt Ion:232 Resp: 120878
Ion Ratio Lower Upper
232 100
131 32.1 26.7 40.1
130 1.9 1.6 2.4
166 24.2 20.5 30.7



#60
Diethylphthalate
Concen: 51.427 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:149 Resp: 333682
Ion Ratio Lower Upper
149 100
177 23.9 18.0 27.0
150 12.3 10.2 15.4

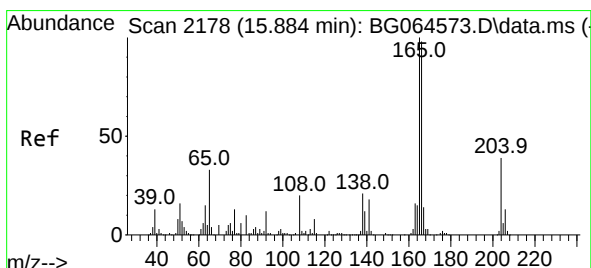
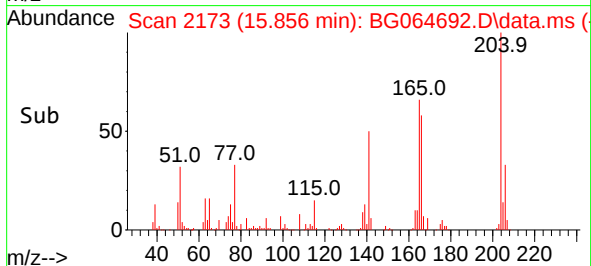
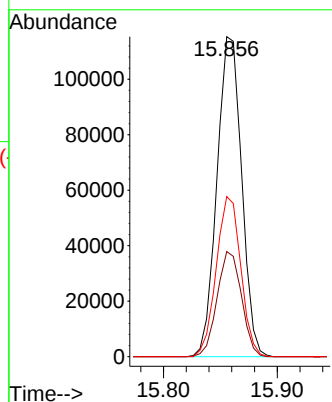
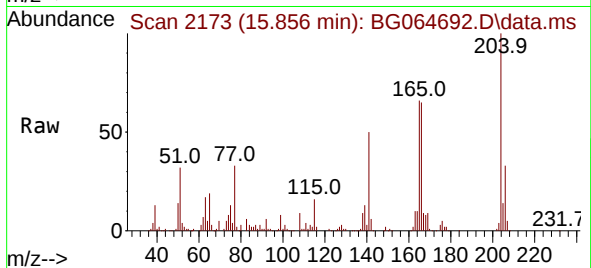




#61
4-Chlorophenyl-phenylether
Concen: 51.205 ng
RT: 15.856 min Scan# 2176
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

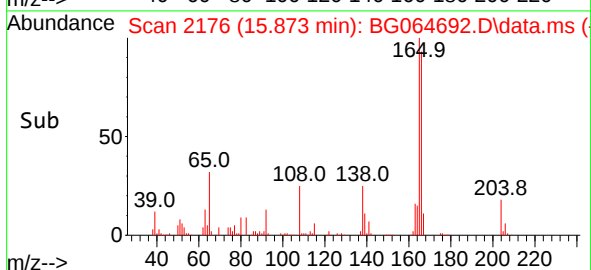
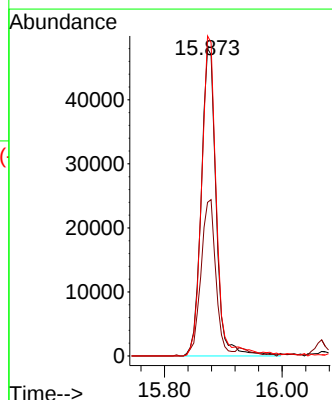
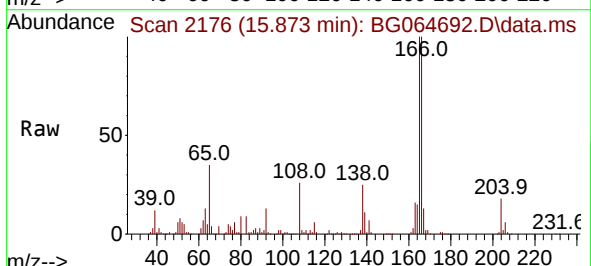
Instrument :
BNA_G
ClientSampleId :
PB170402BS

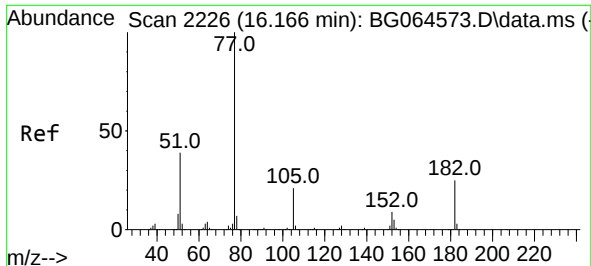
Tgt Ion:204 Resp: 174245
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 50.1 40.6 60.8



#62
4-Nitroaniline
Concen: 69.519 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:138 Resp: 84463
Ion Ratio Lower Upper
138 100
92 50.0 36.1 76.1
108 104.1 75.6 115.6

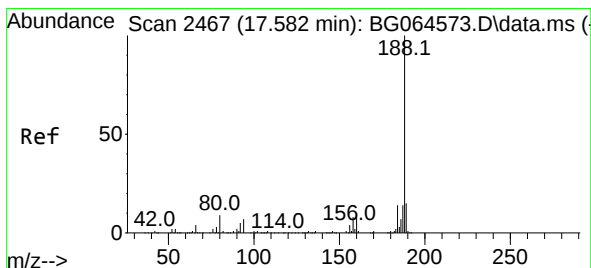
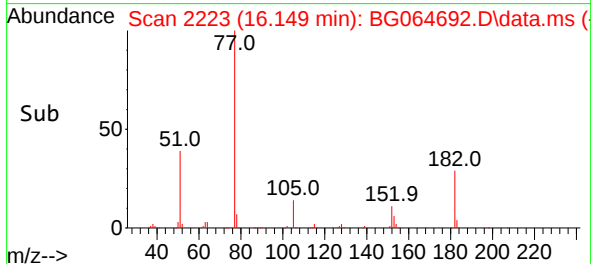
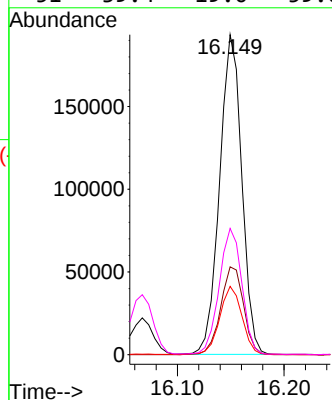
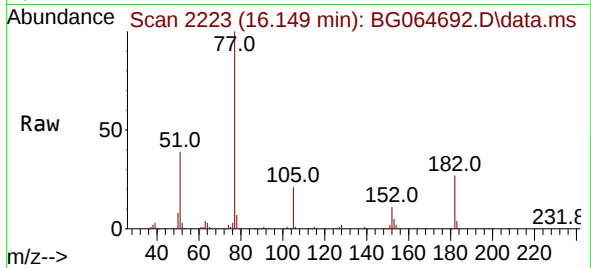




#63
Azobenzene
Concen: 46.868 ng
RT: 16.149 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

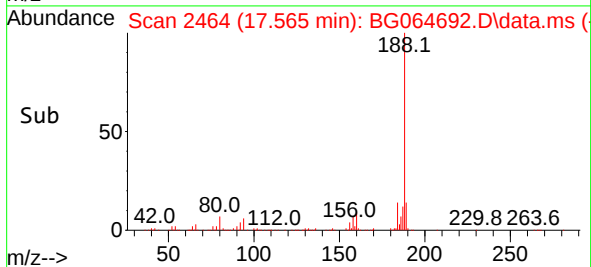
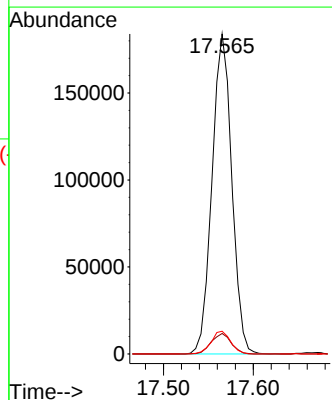
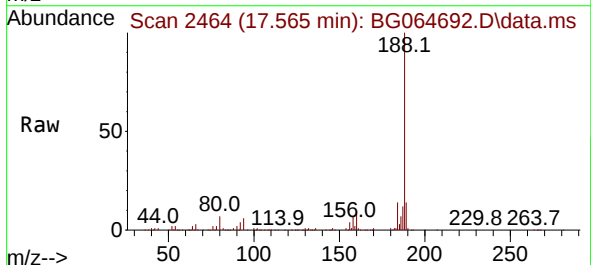
Instrument :
BNA_G
ClientSampleId :
PB170402BS

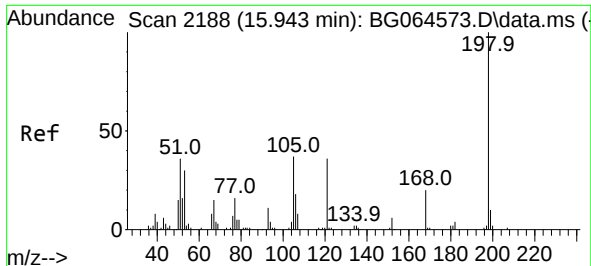
Tgt Ion: 77 Resp: 279025
Ion Ratio Lower Upper
77 100
182 27.4 4.9 44.9
105 21.3 1.3 41.3
51 39.4 19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 2464
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:188 Resp: 280781
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.1 6.8 10.2

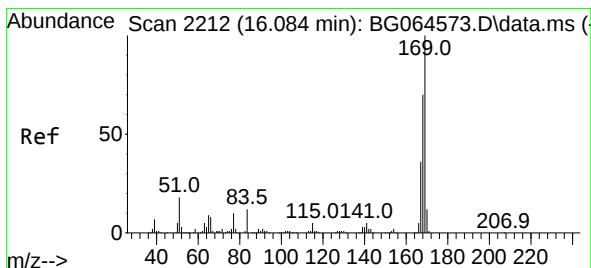
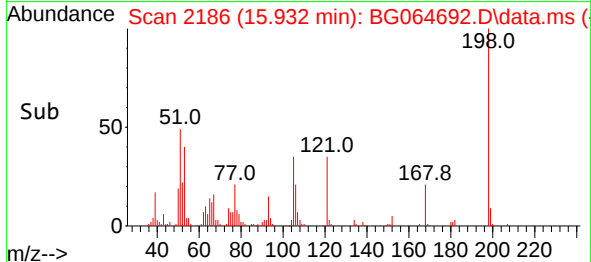
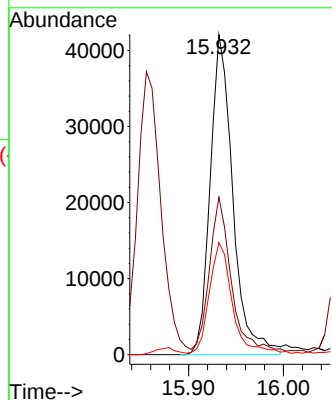
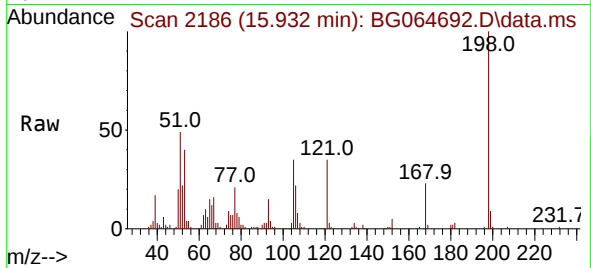




#65
4,6-Dinitro-2-methylphenol
Concen: 55.524 ng
RT: 15.932 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

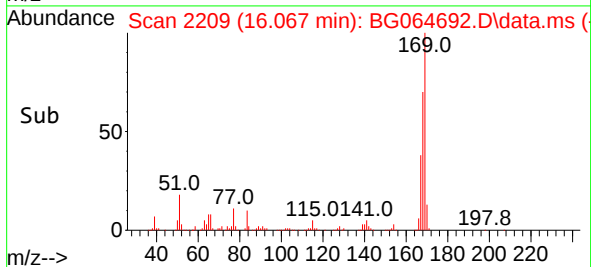
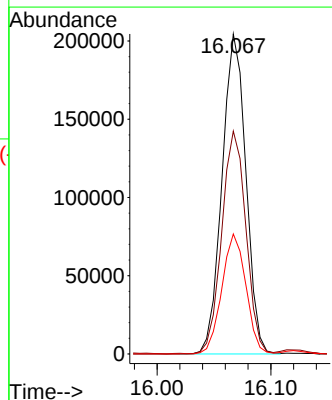
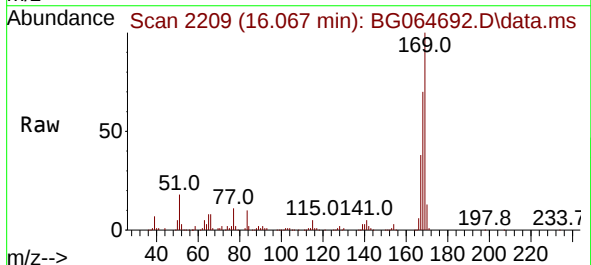
Instrument :
BNA_G
ClientSampleId :
PB170402BS

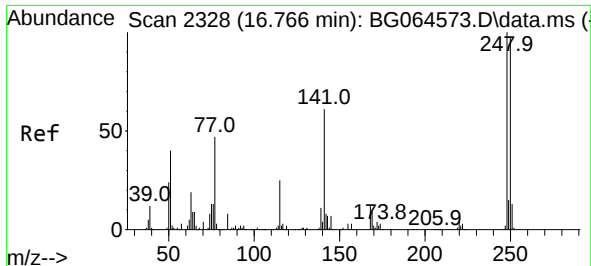
Tgt Ion:198 Resp: 69786
Ion Ratio Lower Upper
198 100
51 49.1 24.7 64.7
105 35.1 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 39.284 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:169 Resp: 297952
Ion Ratio Lower Upper
169 100
168 69.7 56.3 84.5
167 37.5 29.0 43.6

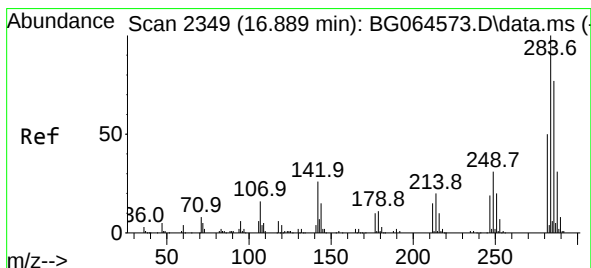
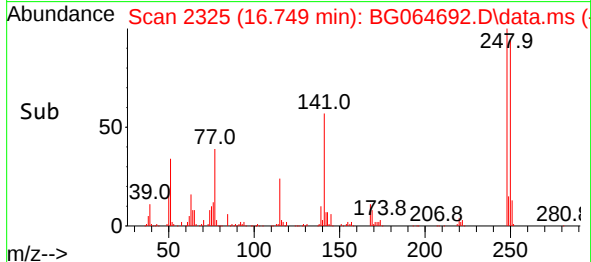
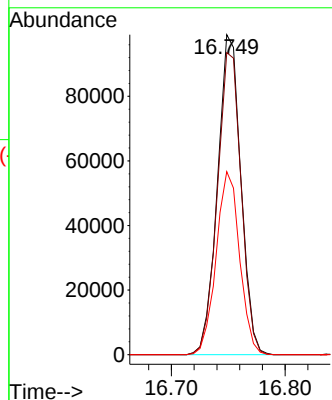
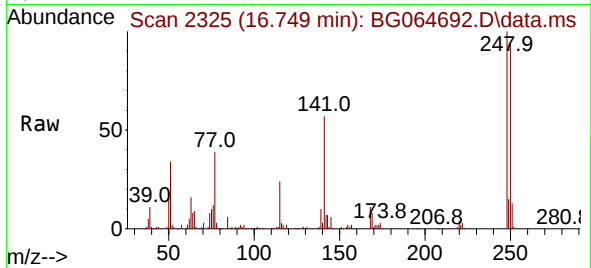




#67
4-Bromophenyl-phenylether
Concen: 42.565 ng
RT: 16.749 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

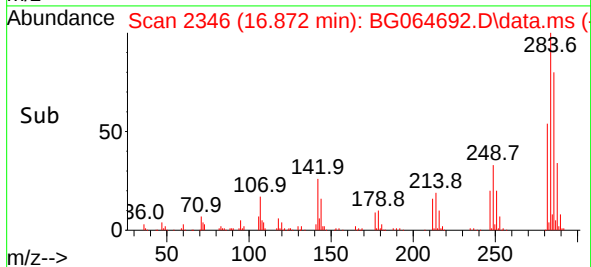
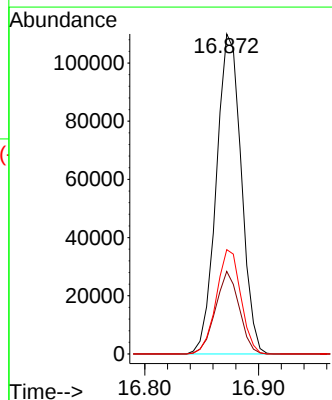
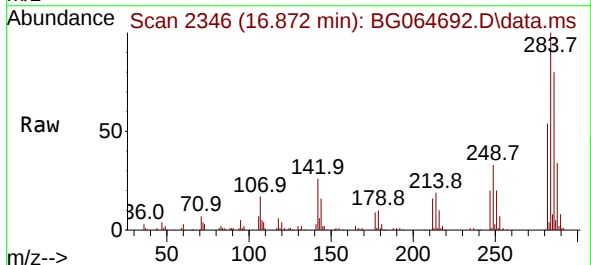
Instrument :
BNA_G
ClientSampleId :
PB170402BS

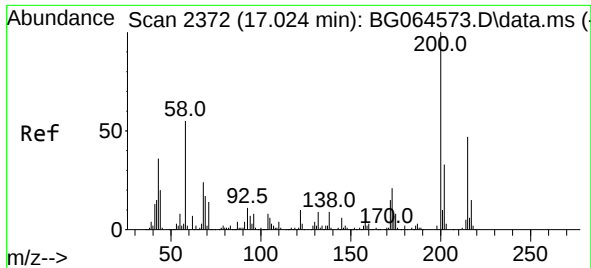
Tgt Ion:248 Resp: 141629
Ion Ratio Lower Upper
248 100
250 94.4 77.7 116.5
141 57.2 48.6 72.8



#68
Hexachlorobenzene
Concen: 44.117 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.017 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:284 Resp: 167467
Ion Ratio Lower Upper
284 100
142 25.8 21.0 31.6
249 35.4 24.9 37.3

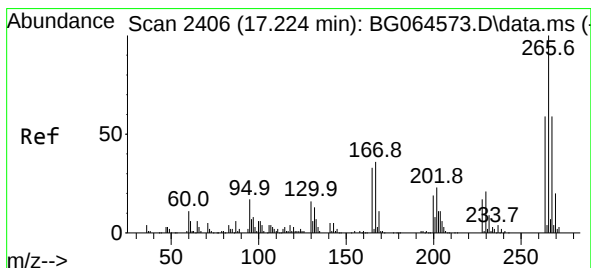
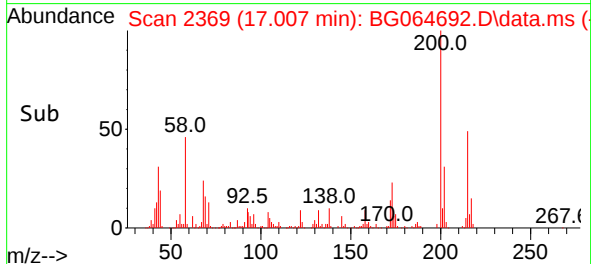
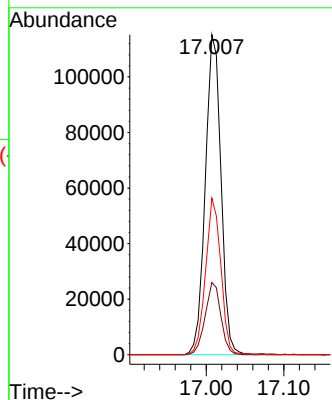
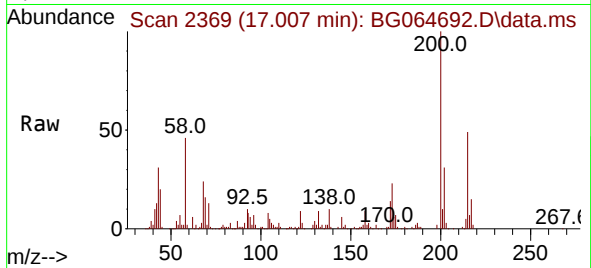




#69
 Atrazine
 Concen: 49.634 ng
 RT: 17.007 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG064692.D
 Acq: 5 Nov 2025 19:26

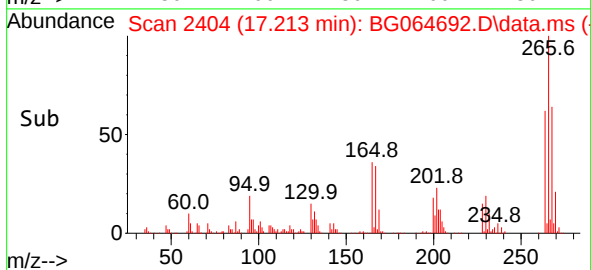
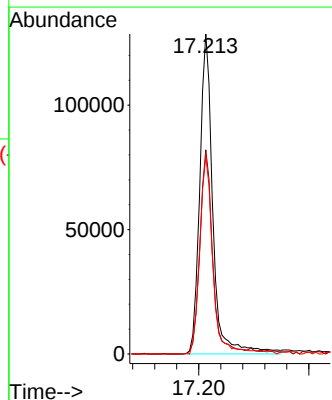
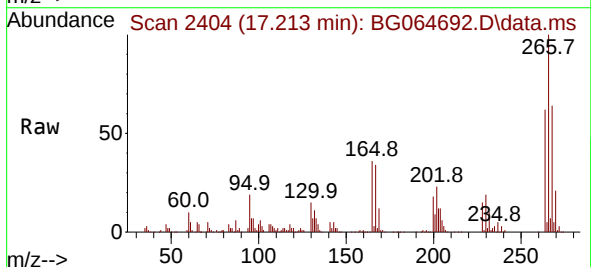
Instrument :
 BNA_G
 ClientSampleId :
 PB170402BS

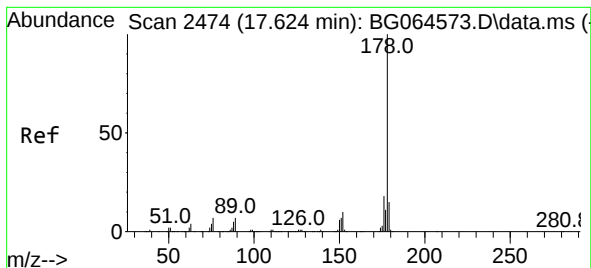
Tgt Ion:200 Resp: 162004
 Ion Ratio Lower Upper
 200 100
 173 22.6 0.9 40.9
 215 48.9 27.0 67.0



#70
 Pentachlorophenol
 Concen: 89.912 ng
 RT: 17.213 min Scan# 2404
 Delta R.T. -0.011 min
 Lab File: BG064692.D
 Acq: 5 Nov 2025 19:26

Tgt Ion:266 Resp: 212832
 Ion Ratio Lower Upper
 266 100
 268 68.6 50.3 75.5
 264 61.8 47.3 70.9





#71

Phenanthrene

Concen: 42.852 ng

RT: 17.606 min Scan# 2471

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

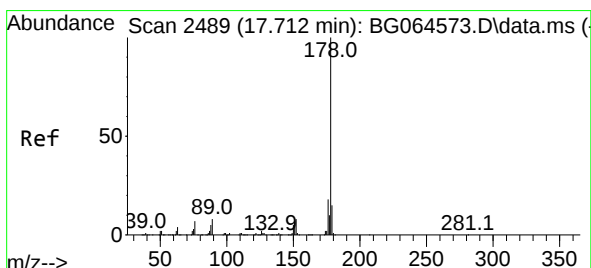
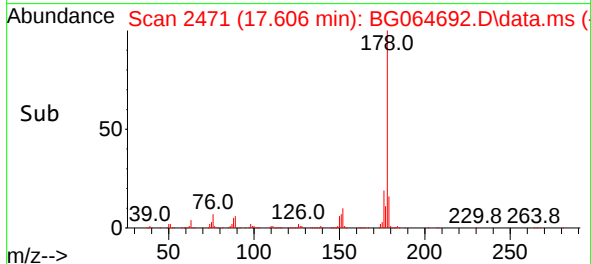
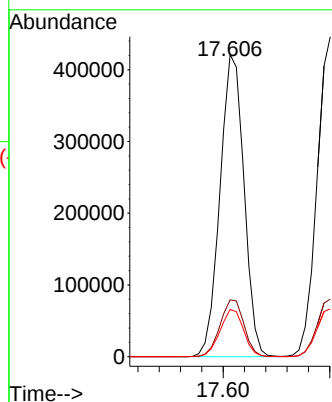
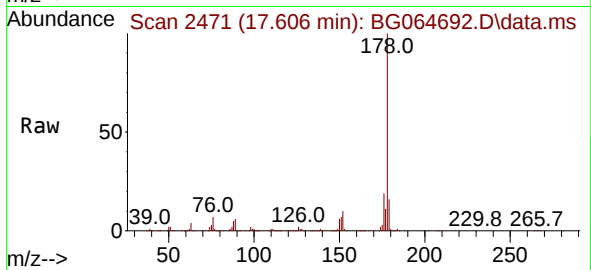
Tgt Ion:178 Resp: 657987

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.2 18.4



#72

Anthracene

Concen: 43.123 ng

RT: 17.700 min Scan# 2487

Delta R.T. -0.011 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

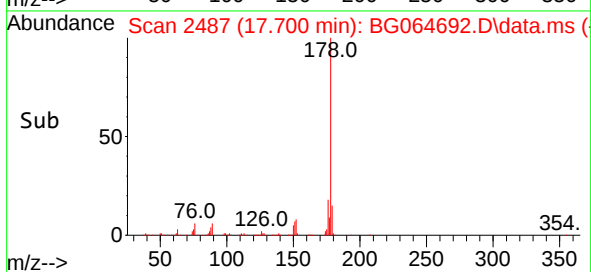
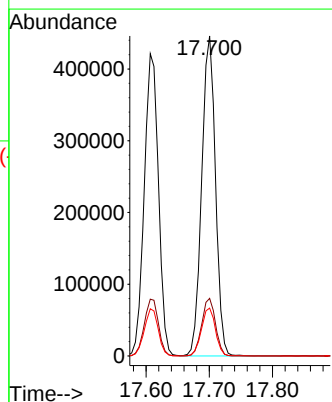
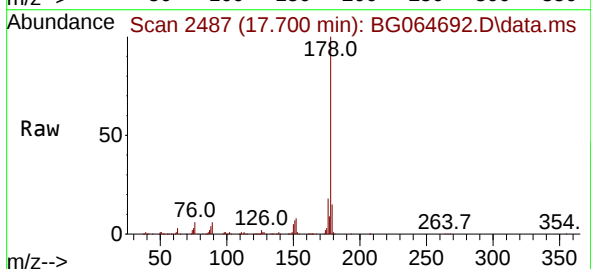
Tgt Ion:178 Resp: 673551

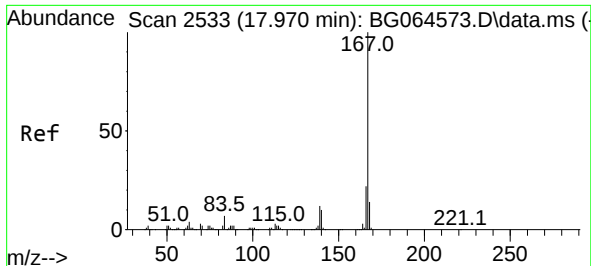
Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

179 14.9 12.4 18.6



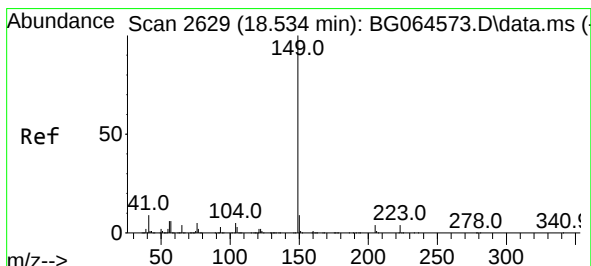
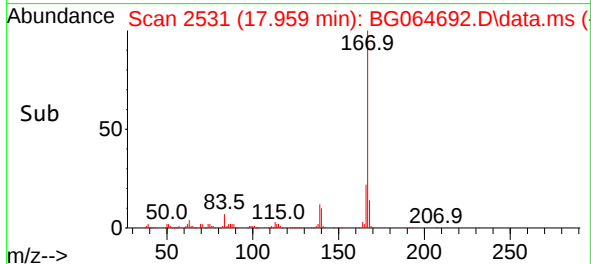
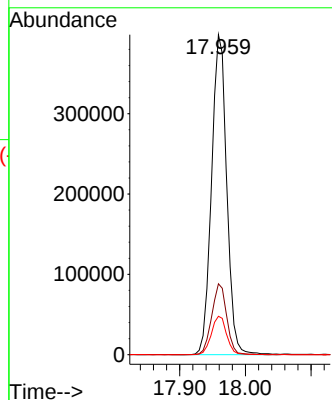
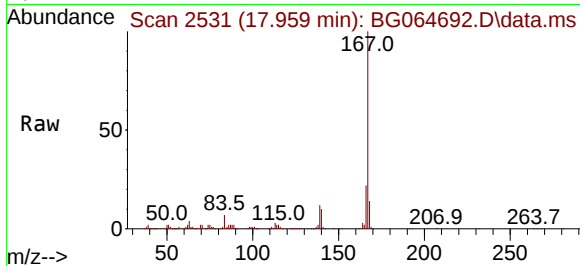


#73
 Carbazole
 Concen: 46.456 ng
 RT: 17.959 min Scan# 2531
 Delta R.T. -0.011 min
 Lab File: BG064692.D
 Acq: 5 Nov 2025 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB170402BS

Tgt Ion:167 Resp: 639854

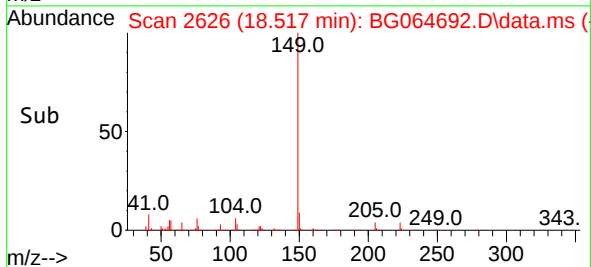
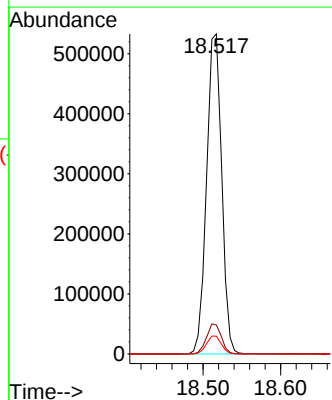
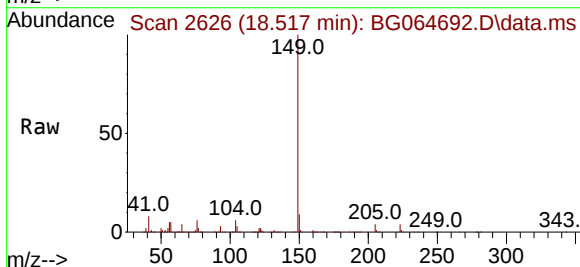
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	12.0	9.7	14.5

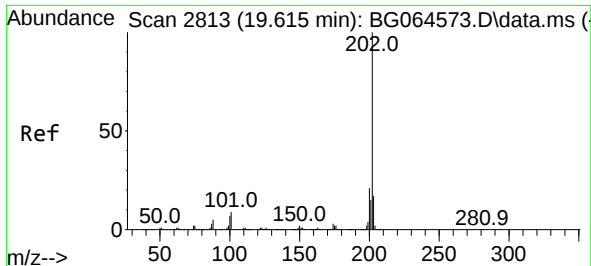


#74
 Di-n-butylphthalate
 Concen: 45.303 ng
 RT: 18.517 min Scan# 2626
 Delta R.T. -0.017 min
 Lab File: BG064692.D
 Acq: 5 Nov 2025 19:26

Tgt Ion:149 Resp: 721555

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.6	4.1	6.1

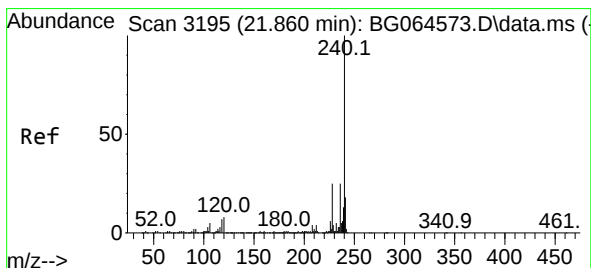
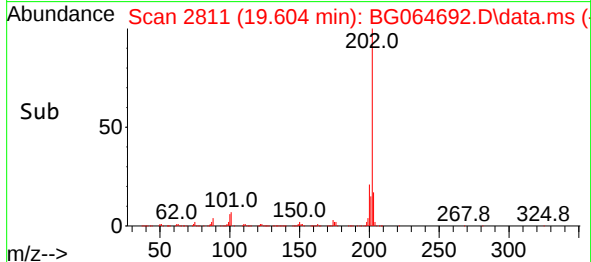
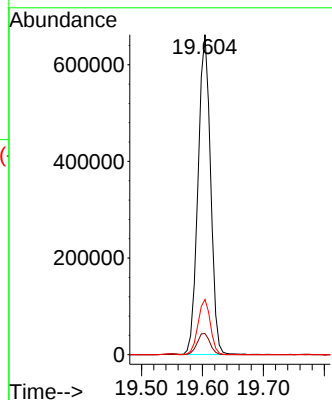
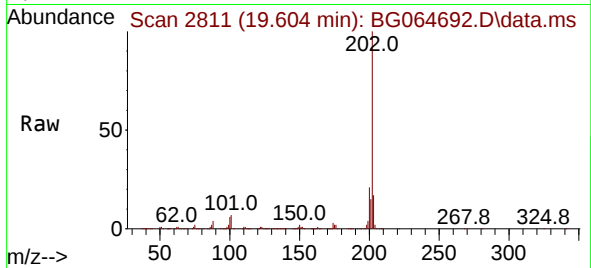




#75
Fluoranthene
Concen: 49.027 ng
RT: 19.604 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

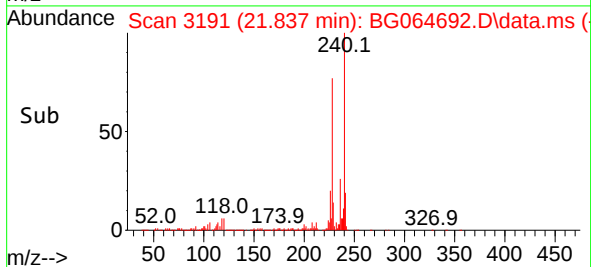
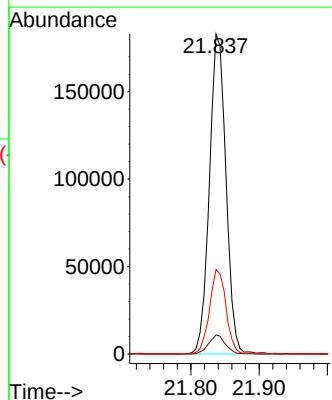
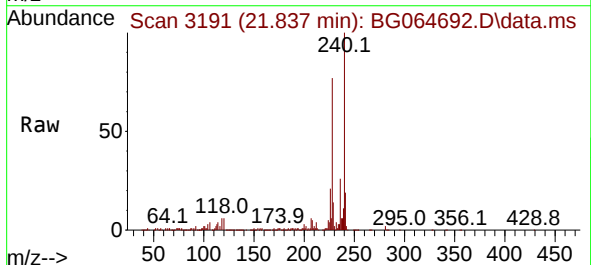
Instrument :
BNA_G
ClientSampleId :
PB170402BS

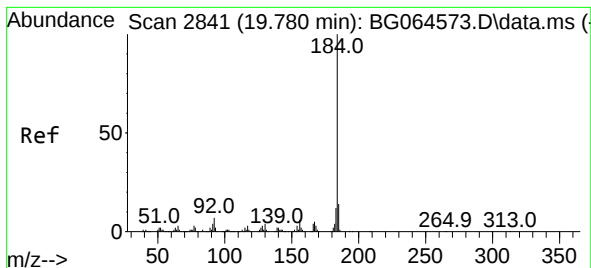
Tgt Ion:202 Resp: 943056
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.7
203 17.2 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:240 Resp: 309555
Ion Ratio Lower Upper
240 100
120 5.9 6.5 9.7#
236 26.4 20.2 30.2





#77

Benzidine

Concen: 28.107 ng

RT: 19.769 min Scan# 2839

Delta R.T. -0.011 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

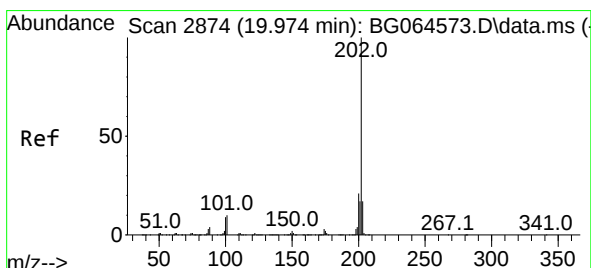
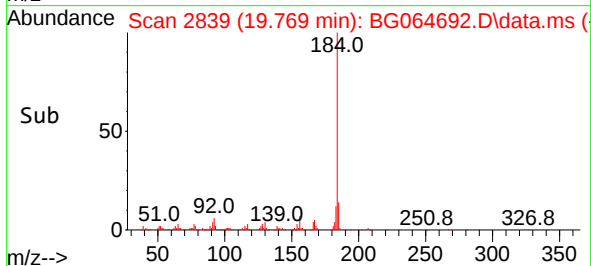
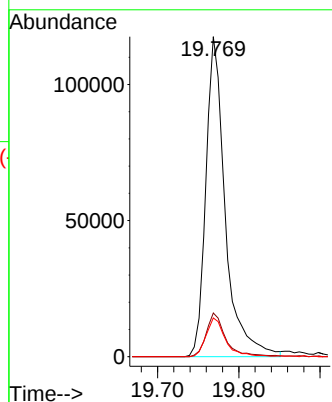
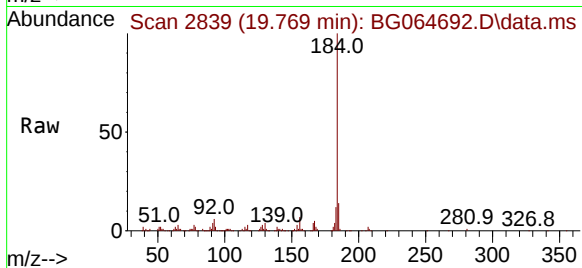
Tgt Ion:184 Resp: 194933

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.2

183 12.1 9.4 14.2



#78

Pyrene

Concen: 47.669 ng

RT: 19.962 min Scan# 2872

Delta R.T. -0.011 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

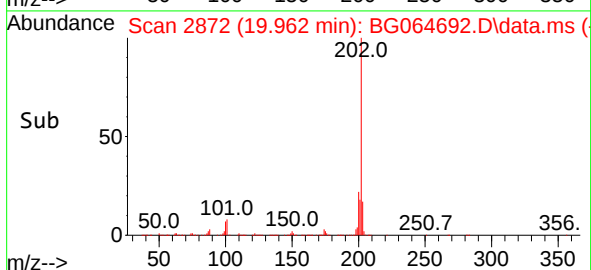
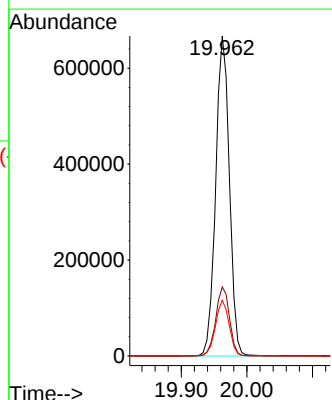
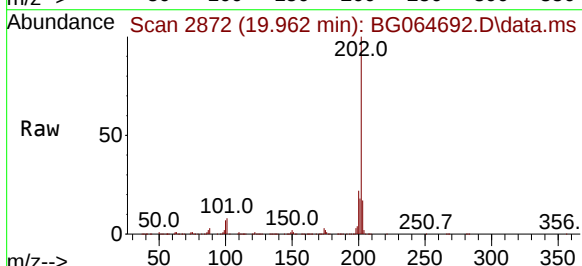
Tgt Ion:202 Resp: 964101

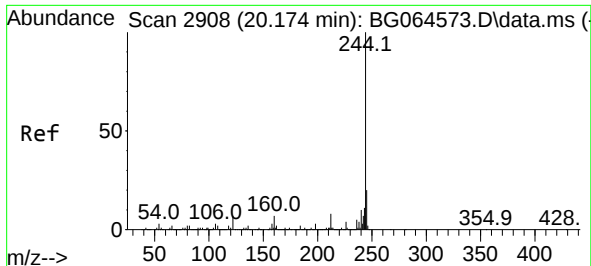
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 17.4 13.8 20.6

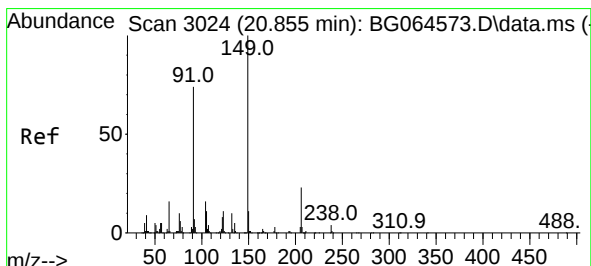
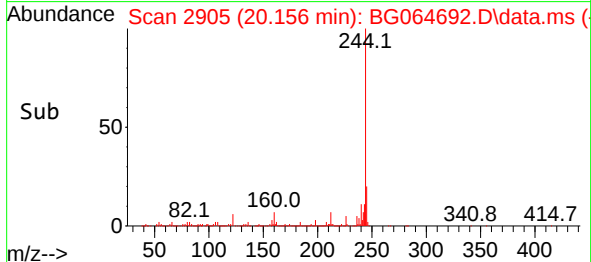
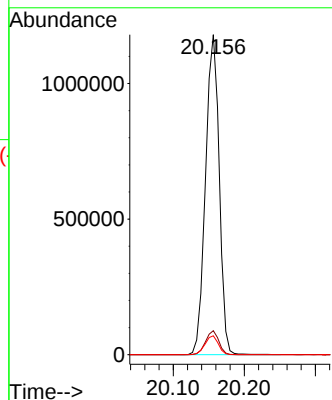
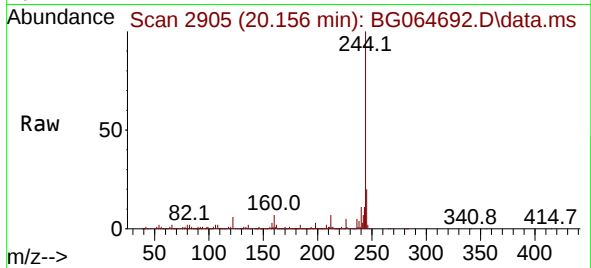




#79
 Terphenyl-d14
 Concen: 96.604 ng
 RT: 20.156 min Scan# 24
 Delta R.T. -0.017 min
 Lab File: BG064692.D
 Acq: 5 Nov 2025 19:26

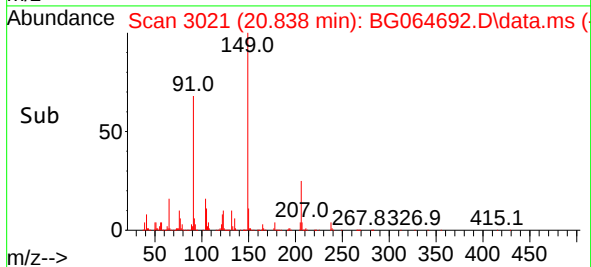
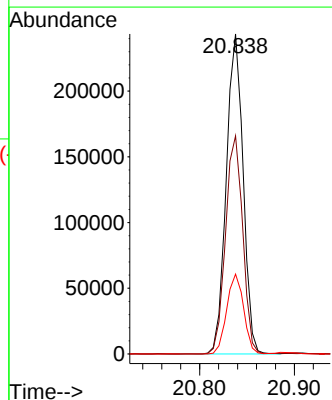
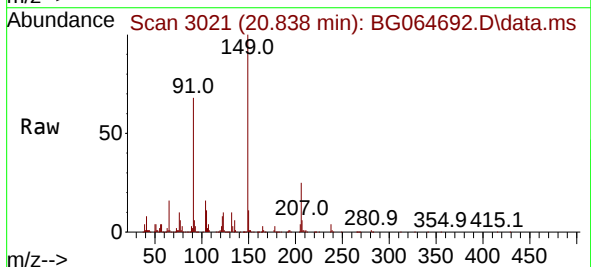
Instrument :
 BNA_G
 ClientSampleId :
 PB170402BS

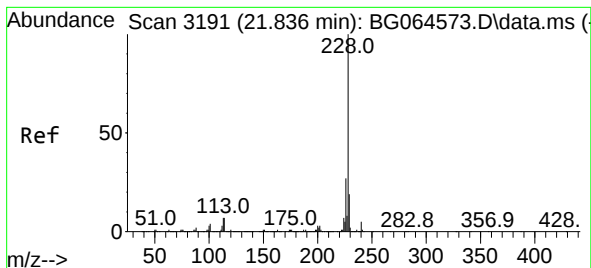
Tgt Ion:244 Resp: 1584611
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.9 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 49.136 ng
 RT: 20.838 min Scan# 3021
 Delta R.T. -0.017 min
 Lab File: BG064692.D
 Acq: 5 Nov 2025 19:26

Tgt Ion:149 Resp: 300351
 Ion Ratio Lower Upper
 149 100
 91 68.1 59.2 88.8
 206 25.0 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.455 ng

RT: 21.819 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

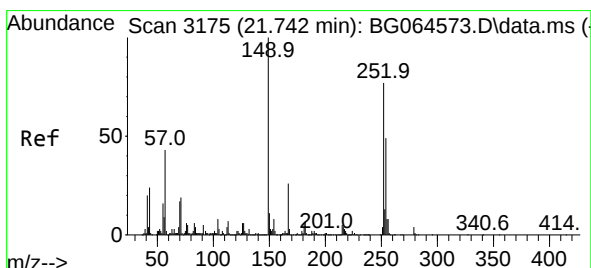
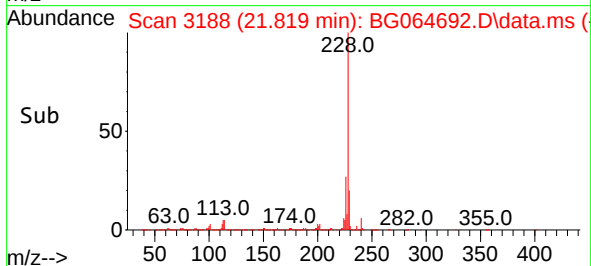
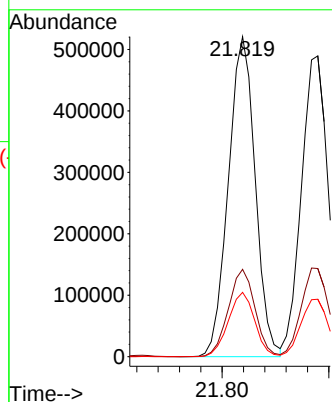
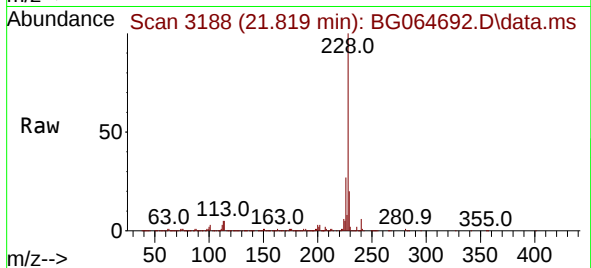
Tgt Ion:228 Resp: 912456

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 32.224 ng

RT: 21.725 min Scan# 3172

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

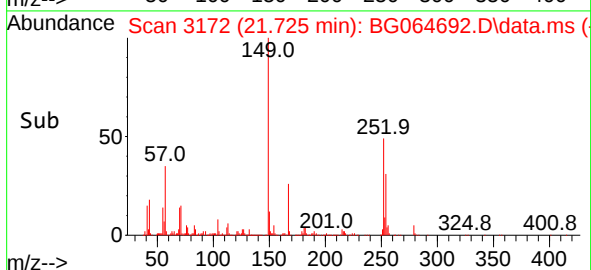
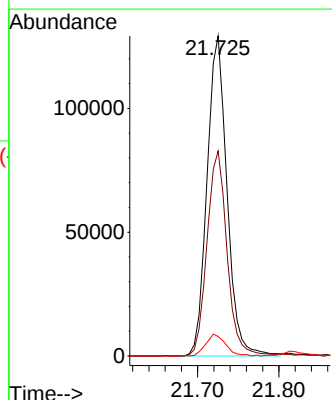
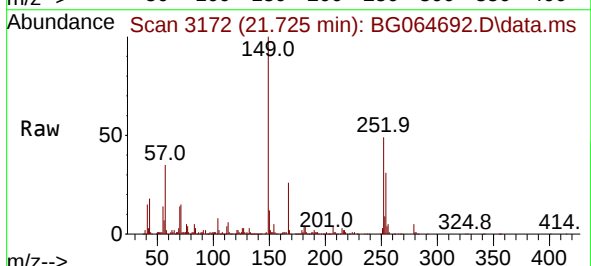
Tgt Ion:252 Resp: 220866

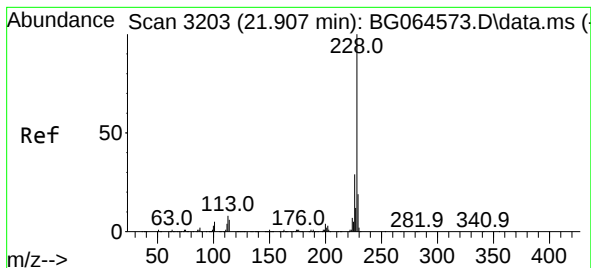
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 6.1 5.8 8.6





#83

Chrysene

Concen: 43.704 ng

RT: 21.890 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

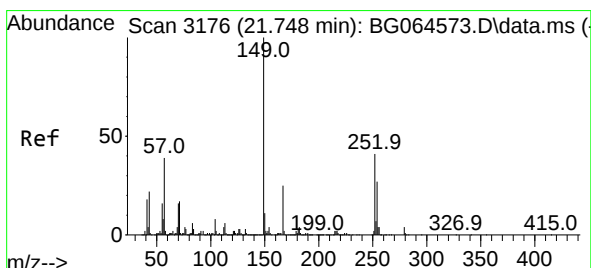
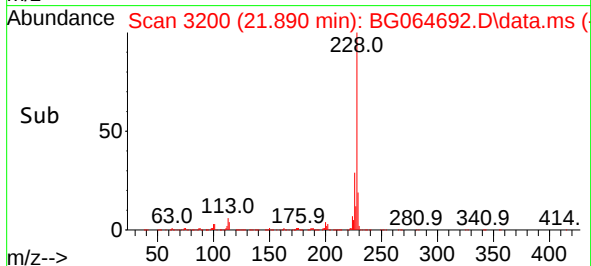
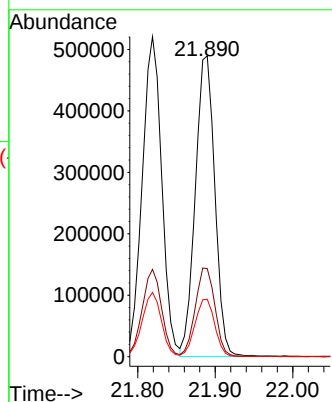
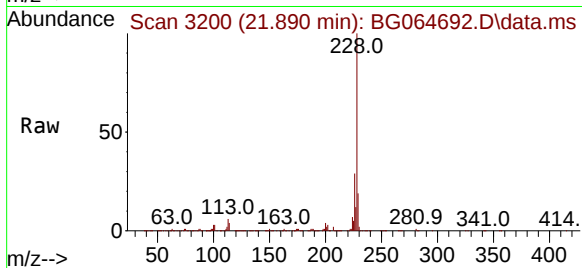
Tgt Ion:228 Resp: 853538

Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

229 19.1 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.460 ng

RT: 21.719 min Scan# 3171

Delta R.T. -0.029 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

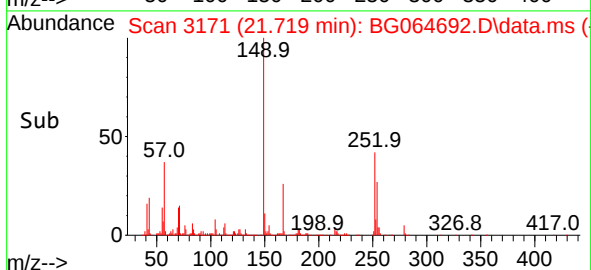
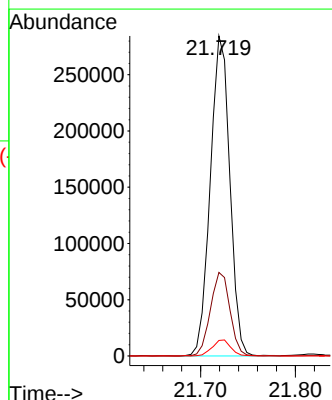
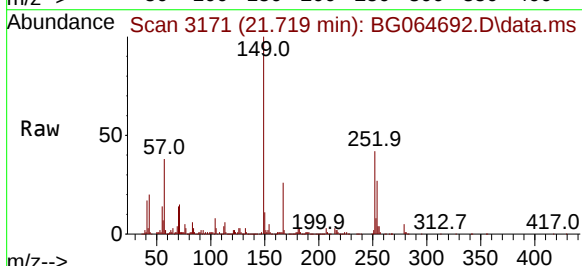
Tgt Ion:149 Resp: 406087

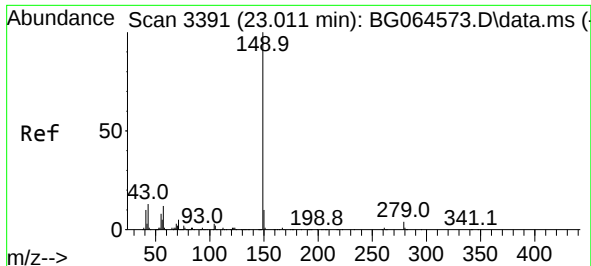
Ion Ratio Lower Upper

149 100

167 26.1 20.0 30.0

279 4.8 3.1 4.7#

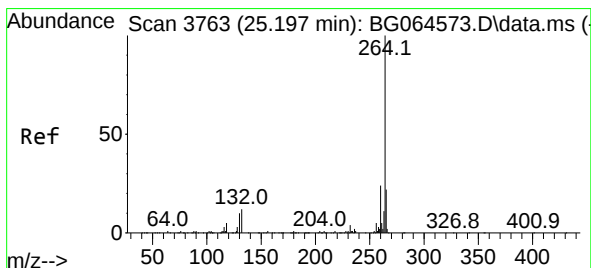
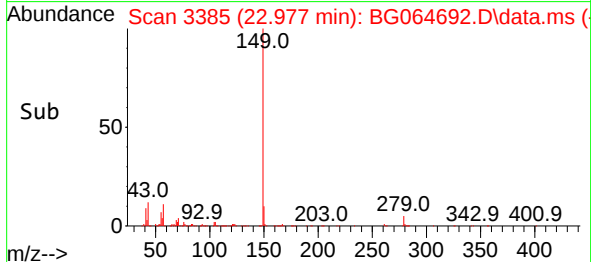
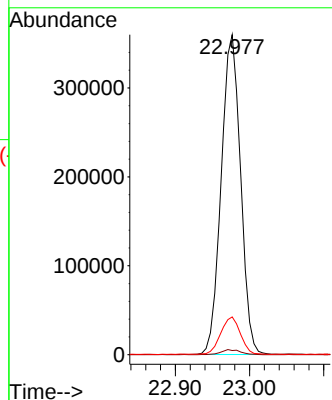
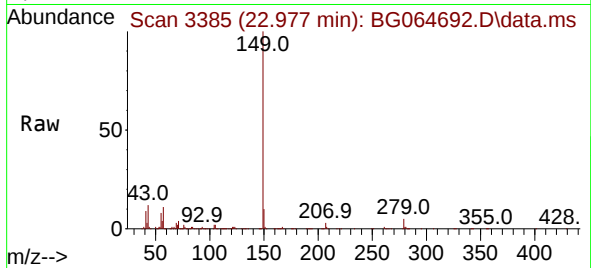




#85
Di-n-octyl phthalate
Concen: 42.334 ng
RT: 22.977 min Scan# 31
Delta R.T. -0.035 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

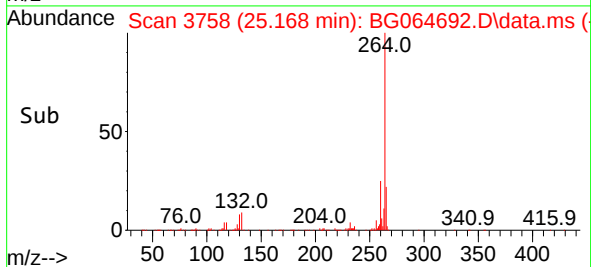
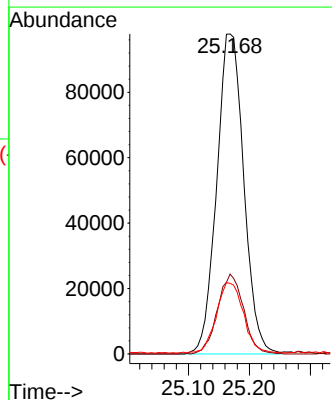
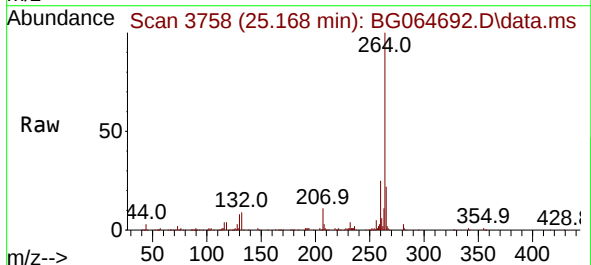
Instrument :
BNA_G
ClientSampleId :
PB170402BS

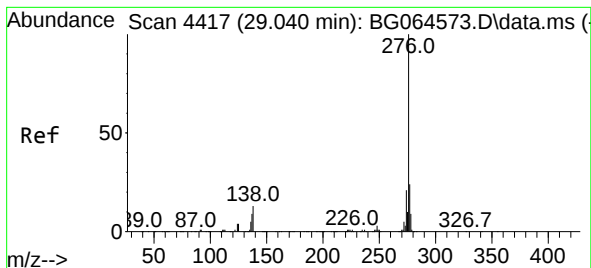
Tgt Ion:149 Resp: 651916
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 3758
Delta R.T. -0.029 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:264 Resp: 301732
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.4
265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.521 ng

RT: 28.993 min Scan# 4417

Delta R.T. -0.047 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

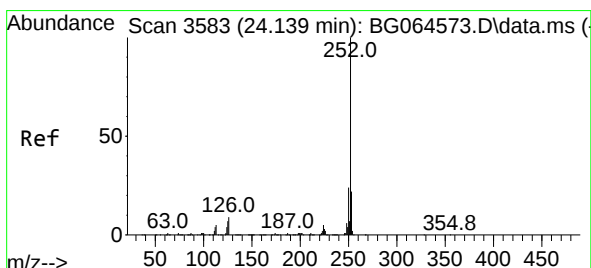
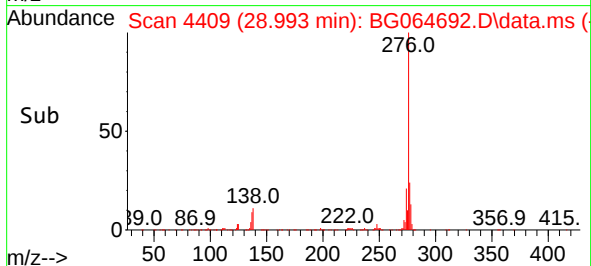
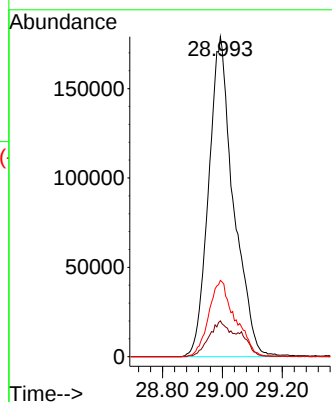
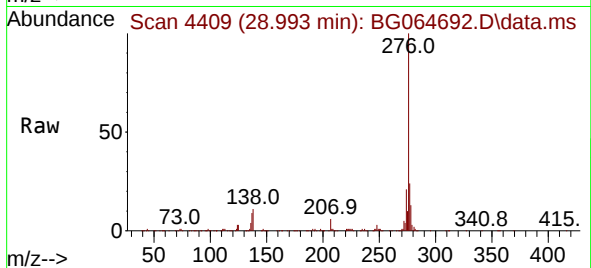
Tgt Ion:276 Resp: 1032606

Ion Ratio Lower Upper

276 100

138 10.1 10.8 16.2#

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.568 ng

RT: 24.181 min Scan# 3590

Delta R.T. 0.042 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

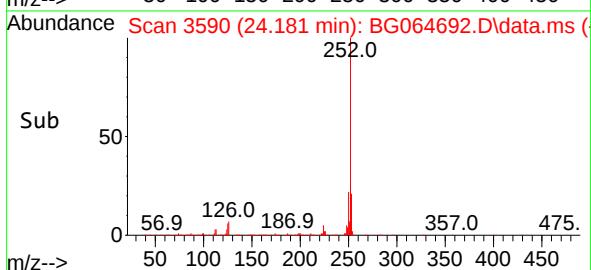
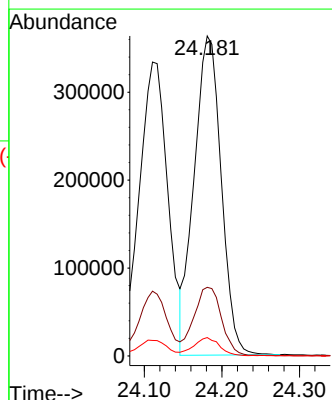
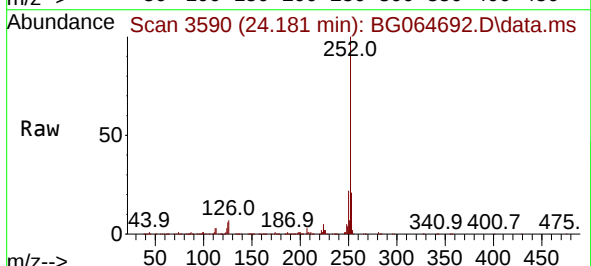
Tgt Ion:252 Resp: 880109

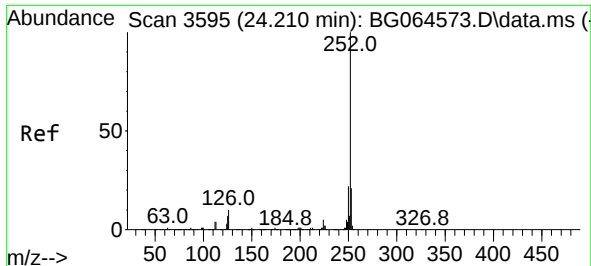
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 5.8 5.6 8.4

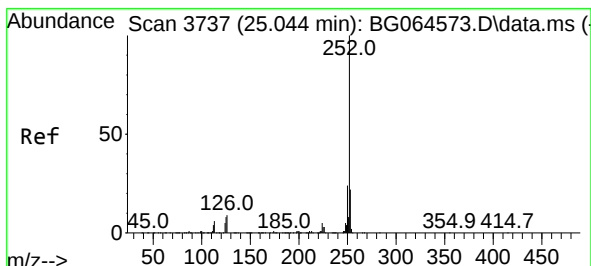
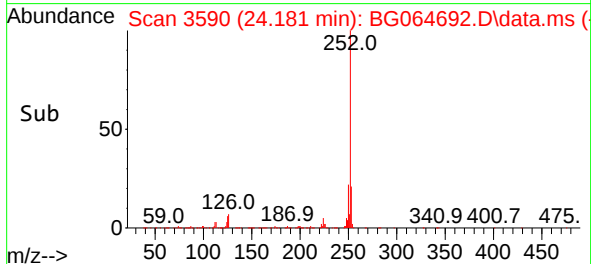
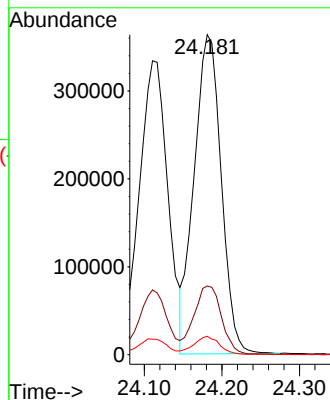
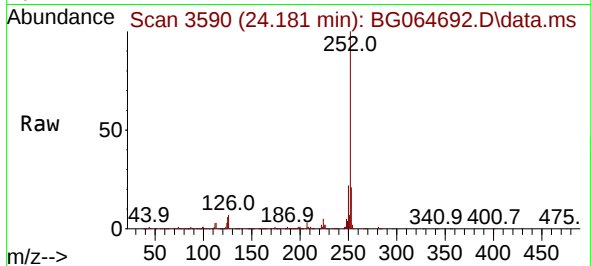




#89
Benzo(k)fluoranthene
Concen: 47.535 ng
RT: 24.181 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

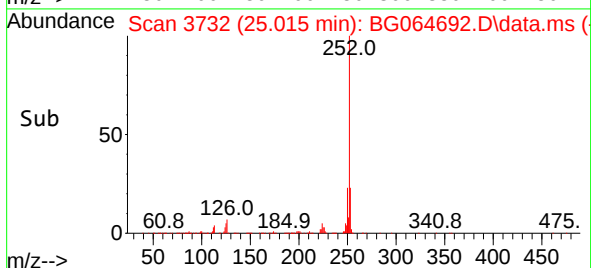
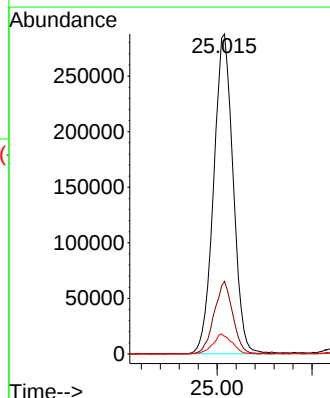
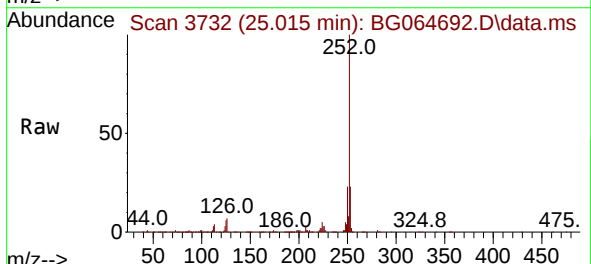
Instrument :
BNA_G
ClientSampleId :
PB170402BS

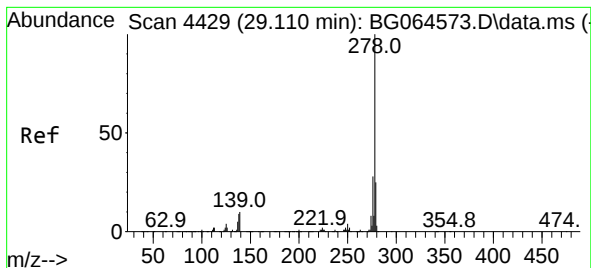
Tgt Ion:252 Resp: 880109
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 5.8 5.4 8.0



#90
Benzo(a)pyrene
Concen: 48.176 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.029 min
Lab File: BG064692.D
Acq: 5 Nov 2025 19:26

Tgt Ion:252 Resp: 819357
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 5.5 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 47.966 ng

RT: 29.058 min Scan# 44

Delta R.T. -0.052 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Instrument :

BNA_G

ClientSampleId :

PB170402BS

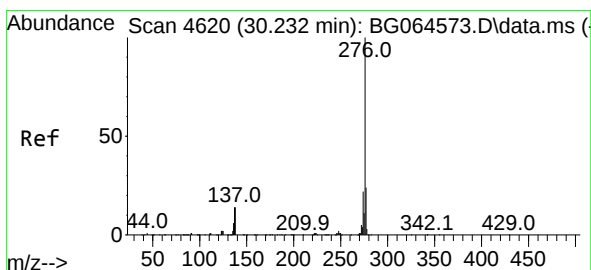
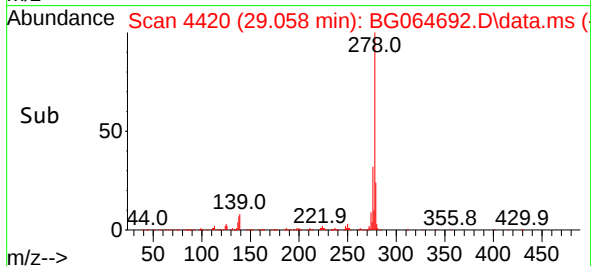
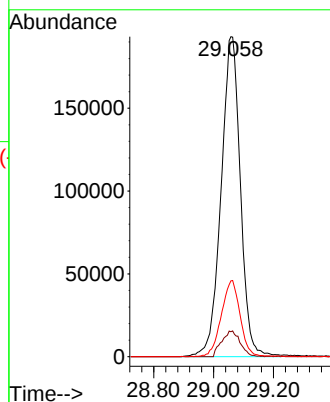
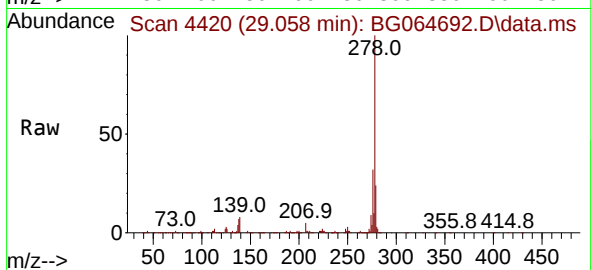
Tgt Ion:278 Resp: 864962

Ion Ratio Lower Upper

278 100

139 7.8 8.0 12.0#

279 23.7 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 48.283 ng

RT: 30.186 min Scan# 4612

Delta R.T. -0.047 min

Lab File: BG064692.D

Acq: 5 Nov 2025 19:26

Tgt Ion:276 Resp: 831747

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 11.6 11.3 16.9

