

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064719.D
 Acq On : 7 Nov 2025 16:54
 Operator : RC/JU
 Sample : PB170446BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

Quant Time: Nov 07 17:40:54 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	8.200	152	38061	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	154155	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	120328	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	326396	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	355727	20.000	ng	#-0.03
86) Perylene-d12	25.162	264	359174	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	237126	104.573	ng	-0.01
7) Phenol-d6	7.342	99	287784	92.488	ng	-0.01
23) Nitrobenzene-d5	9.369	82	275019	107.154	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	221760	127.691	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	786948	99.130	ng	-0.02
79) Terphenyl-d14	20.151	244	1798681	95.422	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	28692	28.580	ng	97
3) Pyridine	3.975	79	73902	24.513	ng	95
4) n-Nitrosodimethylamine	3.881	42	57327	35.459	ng	97
6) Aniline	7.512	93	87035	20.556	ng	98
8) 2-Chlorophenol	7.759	128	119354	50.287	ng	93
10) Phenol	7.371	94	153002	44.463	ng	94
11) bis(2-Chloroethyl)ether	7.606	93	101160	39.984	ng	93
12) 1,3-Dichlorobenzene	8.088	146	124098	45.428	ng	97
13) 1,4-Dichlorobenzene	8.235	146	128015	46.087	ng	96
14) 1,2-Dichlorobenzene	8.558	146	124435	46.446	ng	97
15) Benzyl Alcohol	8.435	79	115429	44.986	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	239548	36.096	ng	95
17) 2-Methylphenol	8.635	107	106243	46.502	ng	95
18) Hexachloroethane	9.304	117	45468	46.646	ng	92
19) n-Nitroso-di-n-propyla...	9.005	70	91710	42.648	ng	94
20) 3+4-Methylphenols	8.964	107	145491	45.281	ng	96
22) Acetophenone	9.022	105	183612	43.572	ng	# 93
24) Nitrobenzene	9.410	77	141186	50.576	ng	93
25) Isophorone	9.939	82	254423	41.312	ng	97
26) 2-Nitrophenol	10.127	139	65701	60.151	ng	95
27) 2,4-Dimethylphenol	10.180	122	118614	51.778	ng	98
28) bis(2-Chloroethoxy)met...	10.415	93	145179	41.403	ng	99
29) 2,4-Dichlorophenol	10.668	162	133309	54.072	ng	97
30) 1,2,4-Trichlorobenzene	10.885	180	149399	53.335	ng	97
31) Naphthalene	11.079	128	381367	44.621	ng	99
32) Benzoic acid	10.303	122	69764	40.998	ng	94
33) 4-Chloroaniline	11.173	127	87831	26.439	ng	98
34) Hexachlorobutadiene	11.367	225	117468	53.622	ng	98
35) Caprolactam	11.943	113	24200	25.593	ng	# 88
36) 4-Chloro-3-methylphenol	12.277	107	142725	48.162	ng	97
37) 2-Methylnaphthalene	12.671	142	285895	45.561	ng	99
38) 1-Methylnaphthalene	12.888	142	270471	43.540	ng	98
40) 1,2,4,5-Tetrachloroben...	13.035	216	214940	53.225	ng	99
41) Hexachlorocyclopentadiene	13.018	237	248477	136.701	ng	99
43) 2,4,6-Trichlorophenol	13.265	196	134974	58.432	ng	99
44) 2,4,5-Trichlorophenol	13.335	196	152756	57.305	ng	95

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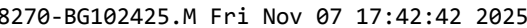
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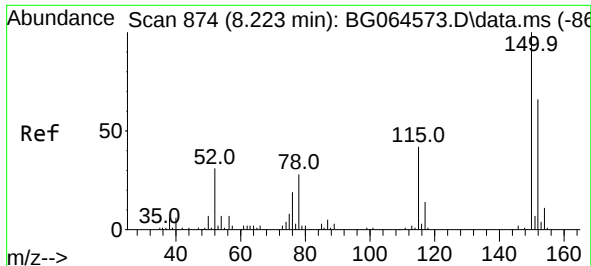
Quant Time: Nov 07 17:40:54 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.664	154	402880	47.096	ng	96
47) 2-Chloronaphthalene	13.711	162	316707	49.047	ng	97
48) 2-Nitroaniline	13.893	65	113021	51.860	ng	94
49) Acenaphthylene	14.551	152	493325	48.436	ng	99
50) Dimethylphthalate	14.269	163	443005	48.113	ng	99
51) 2,6-Dinitrotoluene	14.387	165	93259	60.494	ng	92
52) Acenaphthene	14.892	154	378635	54.413	ng	98
53) 3-Nitroaniline	14.716	138	69200	43.732	ng	99
54) 2,4-Dinitrophenol	14.921	184	108934	114.284	ng	# 33
55) Dibenzofuran	15.221	168	544332	48.385	ng	99
56) 4-Nitrophenol	15.015	139	149391	101.830	ng	91
57) 2,4-Dinitrotoluene	15.168	165	133989	56.467	ng	# 91
58) Fluorene	15.867	166	420174	47.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	159546	62.591	ng	96
60) Diethylphthalate	15.626	149	432419	45.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.856	204	258590	52.446	ng	98
62) 4-Nitroaniline	15.873	138	87626	49.776	ng	91
63) Azobenzene	16.149	77	360037	41.738	ng	96
65) 4,6-Dinitro-2-methylph...	15.932	198	83300	56.868	ng	94
66) n-Nitrosodiphenylamine	16.067	169	389668	44.196	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	190933	49.363	ng	95
68) Hexachlorobenzene	16.872	284	220455	49.960	ng	93
69) Atrazine	17.001	200	112248	29.584	ng	99
70) Pentachlorophenol	17.207	266	227079	82.524	ng	95
71) Phenanthrene	17.607	178	774756	43.405	ng	99
72) Anthracene	17.695	178	754777	41.570	ng	100
73) Carbazole	17.959	167	662081	41.352	ng	99
74) Di-n-butylphthalate	18.511	149	751234	40.575	ng	99
75) Fluoranthene	19.598	202	969628	43.363	ng	98
77) Benzidine	19.769	184	71796	9.009	ng	96
78) Pyrene	19.957	202	1002221	43.122	ng	99
80) Butylbenzylphthalate	20.832	149	345984	49.255	ng	89
81) Benzo(a)anthracene	21.813	228	1145021	48.545	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	359930	45.698	ng	99
83) Chrysene	21.884	228	1059232	47.196	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	505380	48.149	ng	# 97
85) Di-n-octyl phthalate	22.965	149	877431	49.583	ng	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1397154	52.878	ng	99
88) Benzo(b)fluoranthene	24.105	252	1226427	55.685	ng	# 97
89) Benzo(k)fluoranthene	24.175	252	1168573	53.021	ng	# 97
90) Benzo(a)pyrene	25.010	252	1023739	50.567	ng	# 98
91) Dibenzo(a,h)anthracene	29.046	278	1184674	55.188	ng	# 96
92) Benzo(g,h,i)perylene	30.180	276	1143584	55.769	ng	# 96

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

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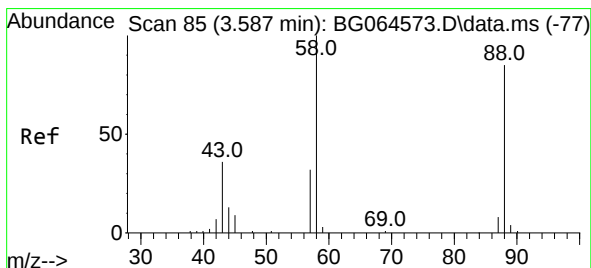
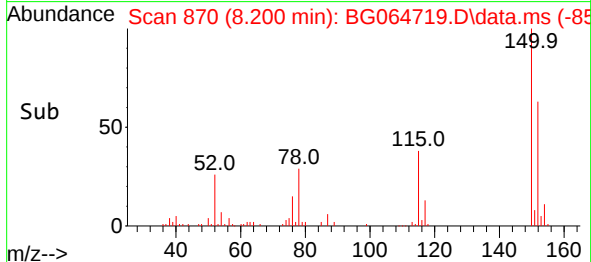
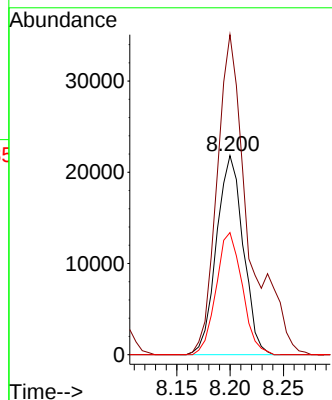
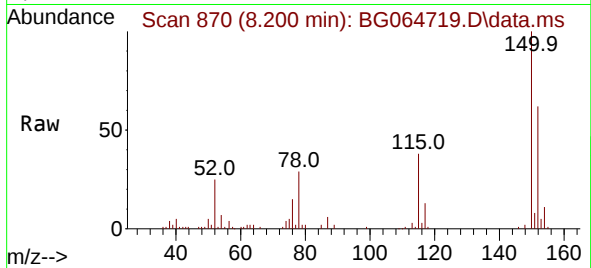




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

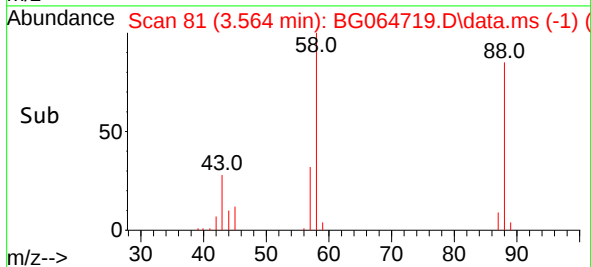
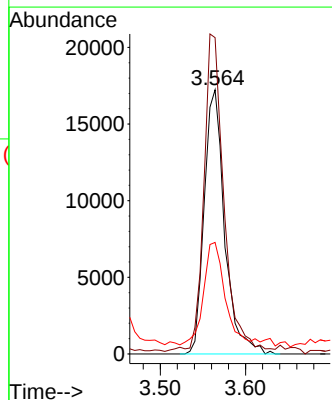
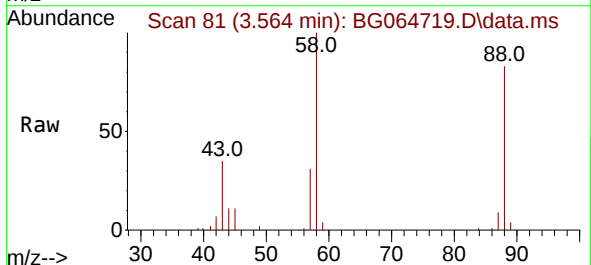
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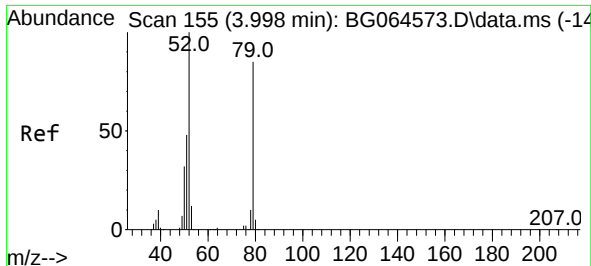
Tgt Ion:152 Resp: 38061
Ion Ratio Lower Upper
152 100
150 160.8 122.2 183.4
115 61.3 50.8 76.2



#2
1,4-Dioxane
Concen: 28.580 ng
RT: 3.564 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 88 Resp: 28692
Ion Ratio Lower Upper
88 100
58 118.9 92.4 138.6
43 40.2 33.0 49.6

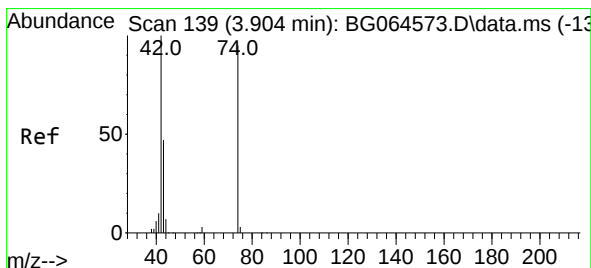
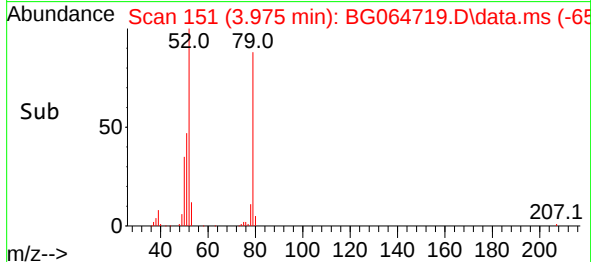
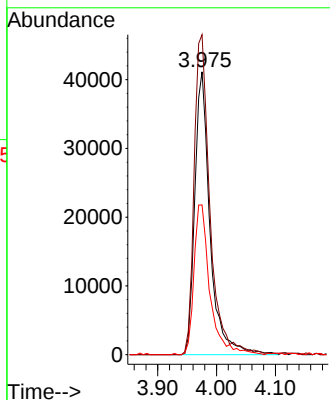
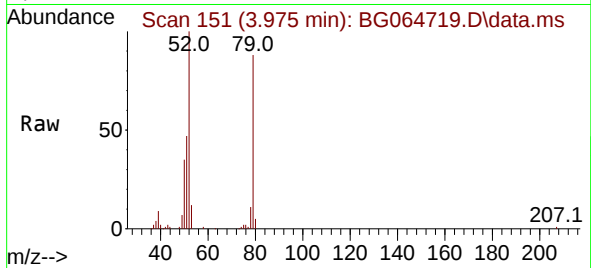




#3
Pyridine
Concen: 24.513 ng
RT: 3.975 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

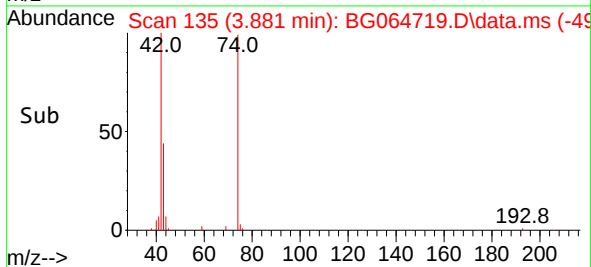
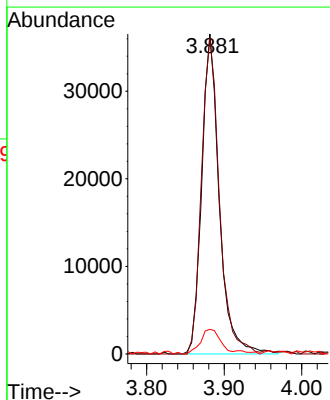
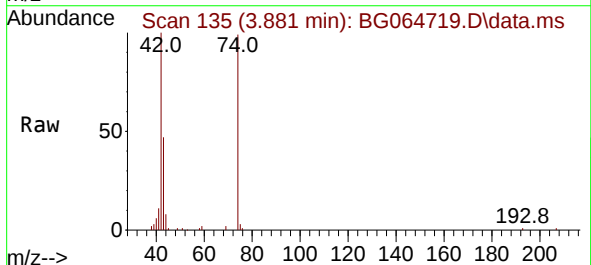
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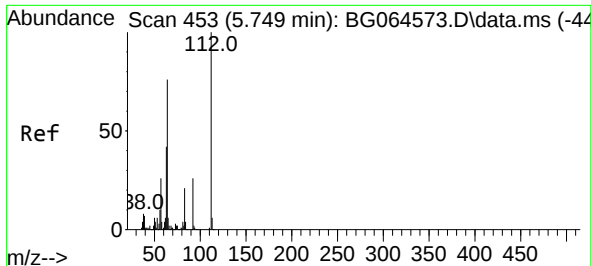
Tgt Ion: 79 Resp: 73902
Ion Ratio Lower Upper
79 100
52 113.1 94.2 141.2
51 53.0 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 35.459 ng
RT: 3.881 min Scan# 135
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 42 Resp: 57327
Ion Ratio Lower Upper
42 100
74 98.6 76.1 114.1
44 7.7 6.3 9.5

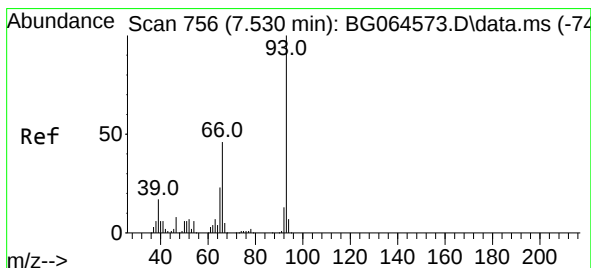
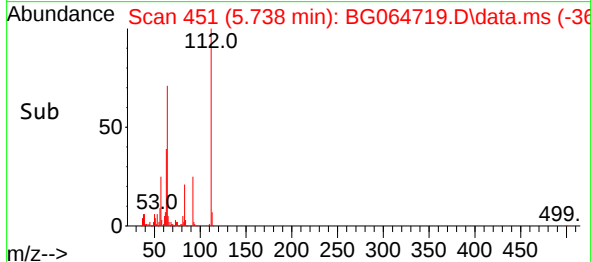
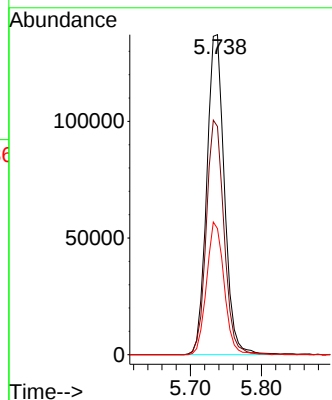
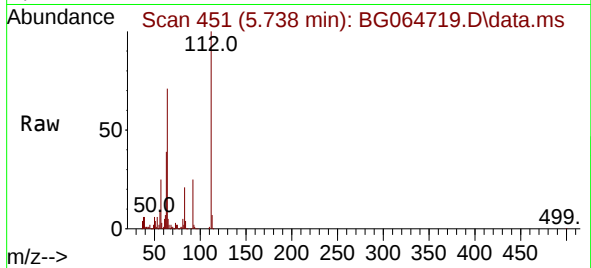




#5
2-Fluorophenol
Concen: 104.573 ng
RT: 5.738 min Scan# 411
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

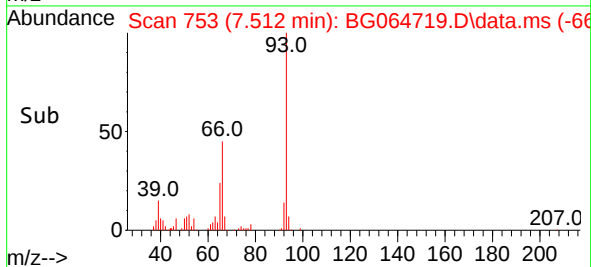
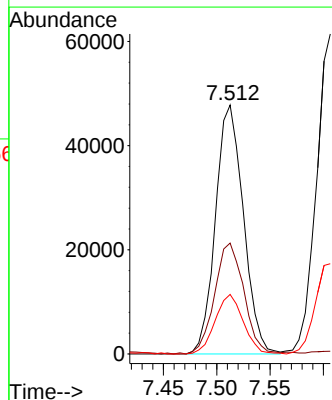
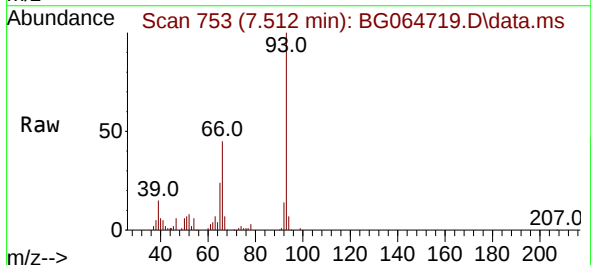
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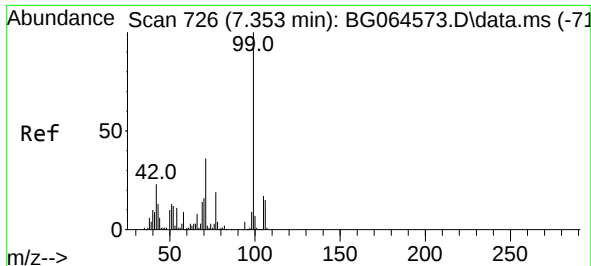
Tgt Ion:112 Resp: 237126
Ion Ratio Lower Upper
112 100
64 71.3 60.7 91.1
63 39.4 33.4 50.0



#6
Aniline
Concen: 20.556 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 93 Resp: 87035
Ion Ratio Lower Upper
93 100
66 44.6 37.0 55.6
65 23.9 18.3 27.5

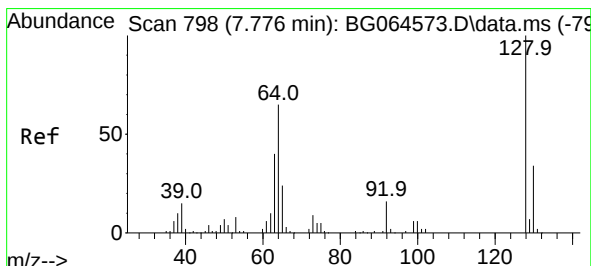
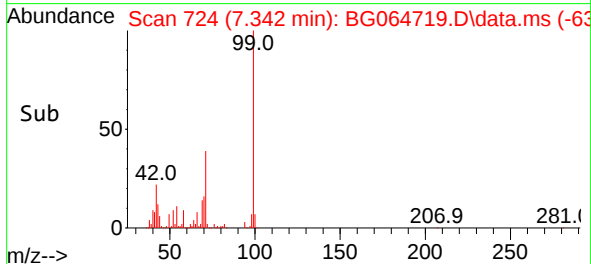
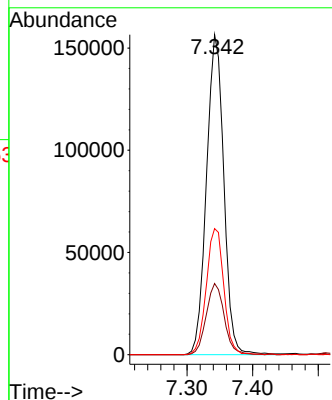
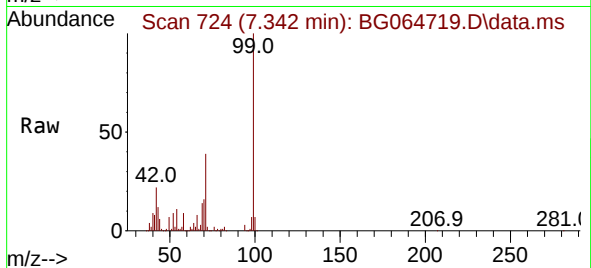




#7
Phenol-d6
Concen: 92.488 ng
RT: 7.342 min Scan# 719
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

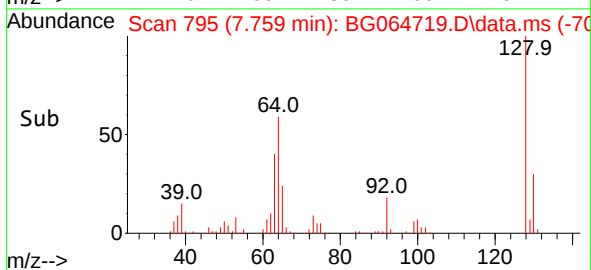
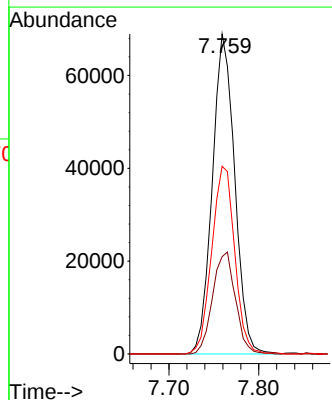
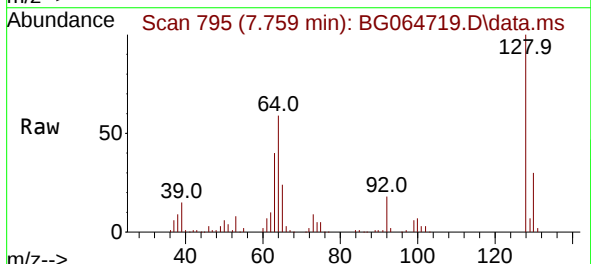
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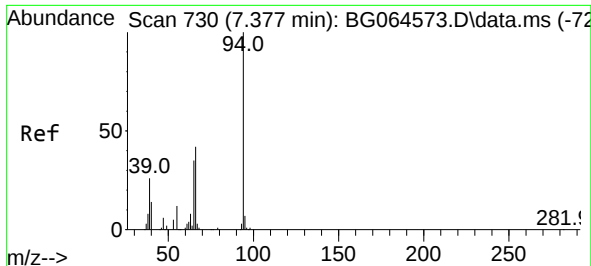
Tgt Ion: 99 Resp: 287784
Ion Ratio Lower Upper
99 100
42 22.2 18.3 27.5
71 39.4 28.6 43.0



#8
2-Chlorophenol
Concen: 50.287 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 128 Resp: 119354
Ion Ratio Lower Upper
128 100
130 30.4 13.5 53.5
64 58.7 45.2 85.2

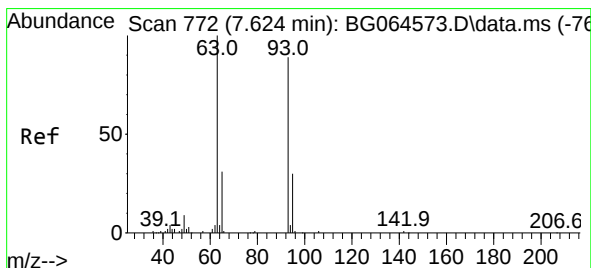
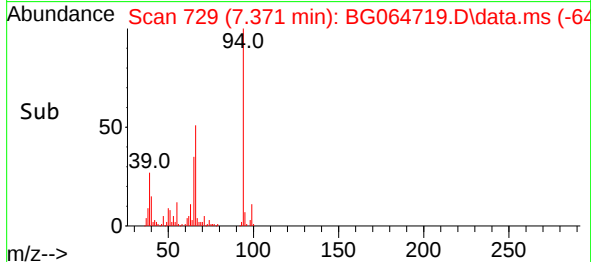
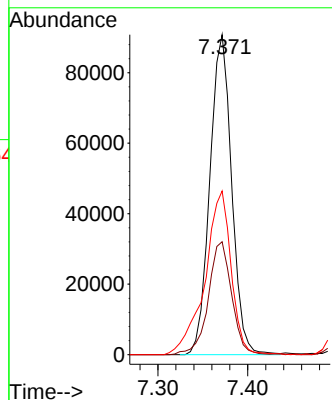
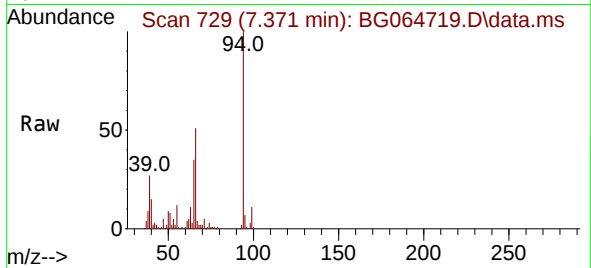




#10
Phenol
Concen: 44.463 ng
RT: 7.371 min Scan# 710
Delta R.T. -0.005 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

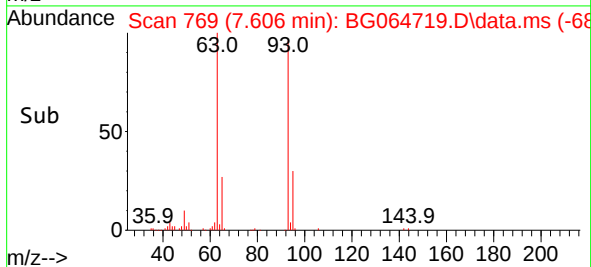
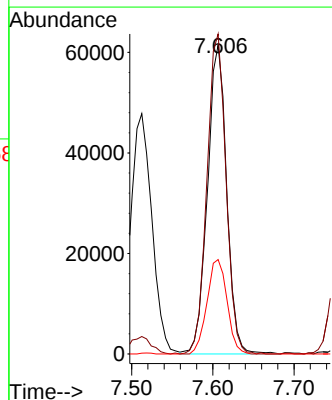
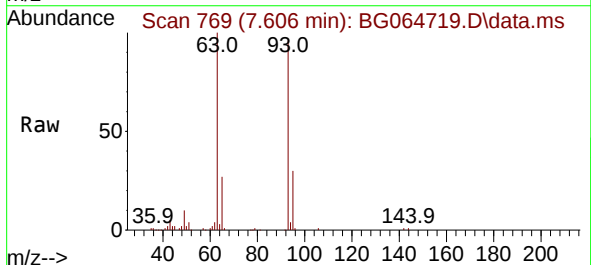
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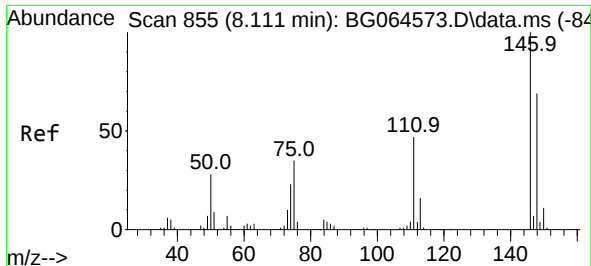
Tgt Ion: 94 Resp: 153002
Ion Ratio Lower Upper
94 100
65 35.3 15.8 55.8
66 51.2 24.0 64.0



#11
bis(2-Chloroethyl)ether
Concen: 39.984 ng
RT: 7.606 min Scan# 769
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 93 Resp: 101160
Ion Ratio Lower Upper
93 100
63 103.6 91.3 131.3
95 30.6 13.3 53.3





#12

1,3-Dichlorobenzene

Concen: 45.428 ng

RT: 8.088 min Scan# 81

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

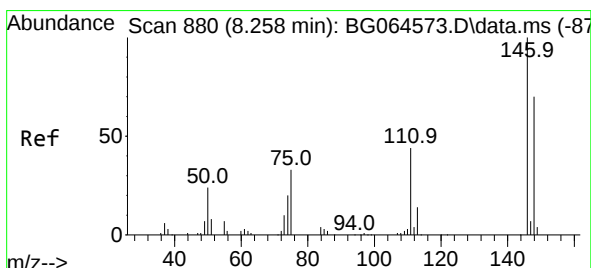
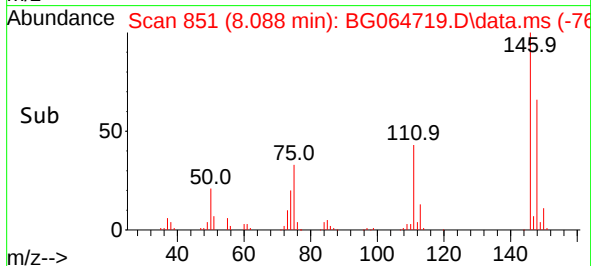
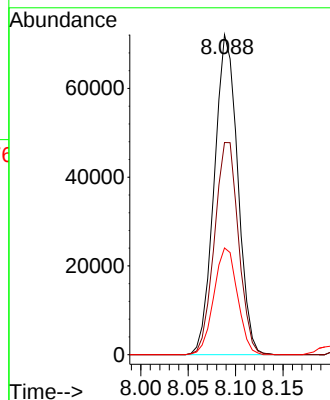
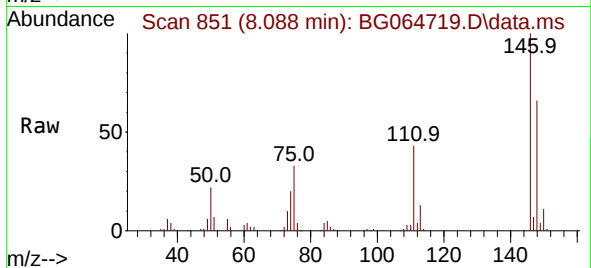
Tgt Ion:146 Resp: 124098

Ion Ratio Lower Upper

146 100

148 66.3 55.3 82.9

75 33.4 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 46.087 ng

RT: 8.235 min Scan# 876

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

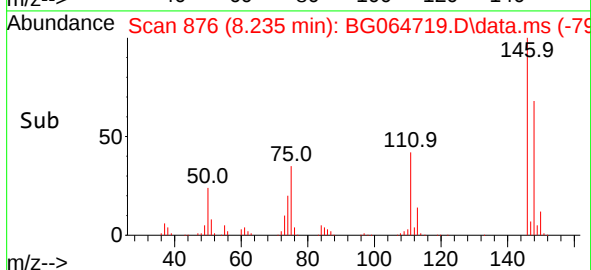
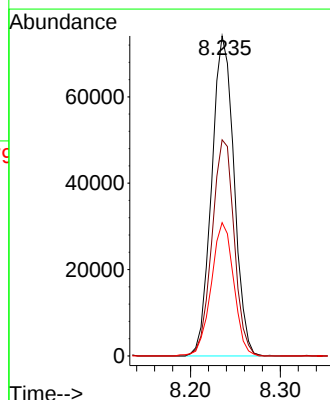
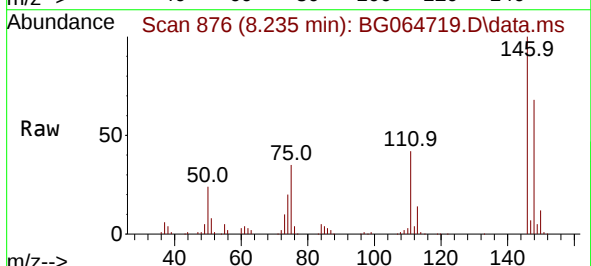
Tgt Ion:146 Resp: 128015

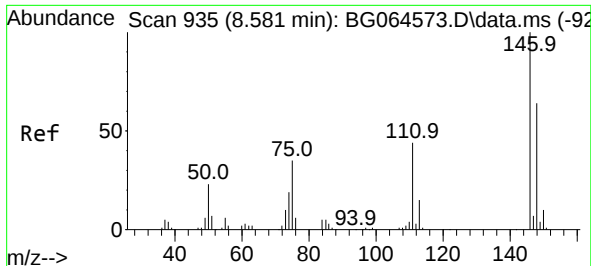
Ion Ratio Lower Upper

146 100

148 67.5 56.2 84.4

111 41.6 35.4 53.0





#14

1,2-Dichlorobenzene

Concen: 46.446 ng

RT: 8.558 min Scan# 910

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

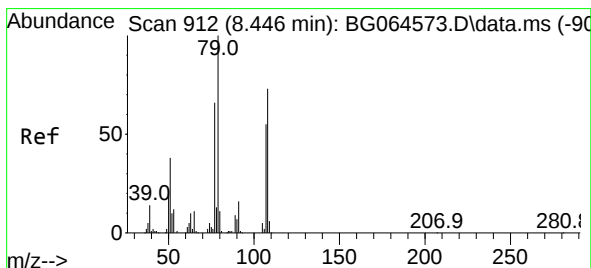
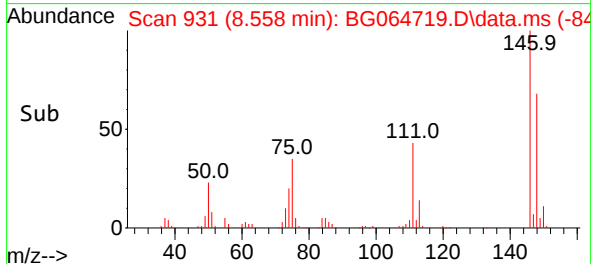
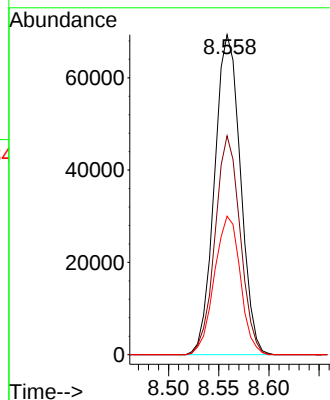
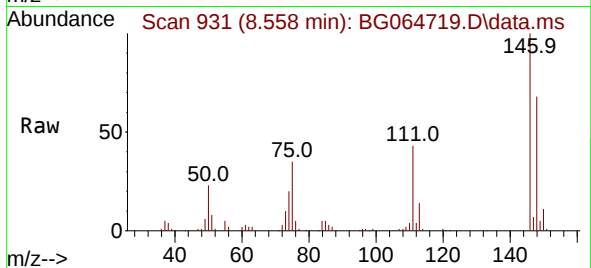
Tgt Ion:146 Resp: 124435

Ion Ratio Lower Upper

146 100

148 68.4 51.5 77.3

111 43.3 35.0 52.6



#15

Benzyl Alcohol

Concen: 44.986 ng

RT: 8.435 min Scan# 910

Delta R.T. -0.011 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

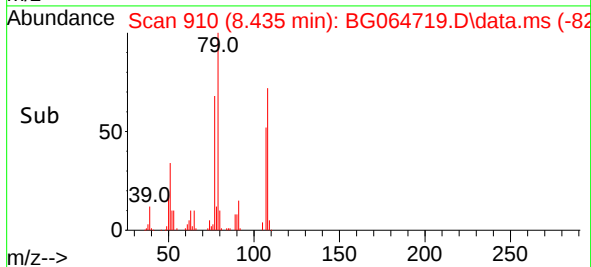
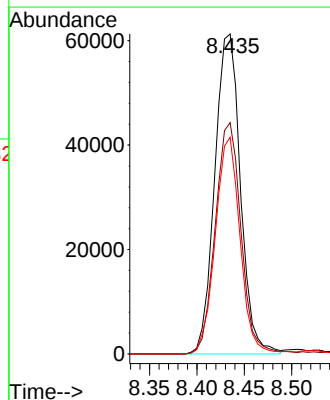
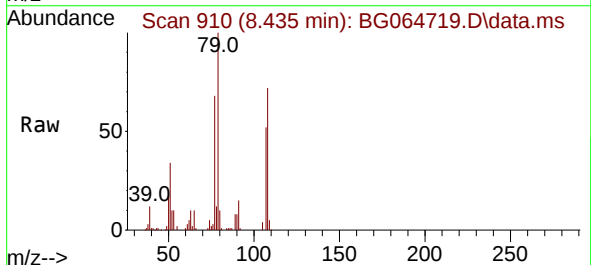
Tgt Ion: 79 Resp: 115429

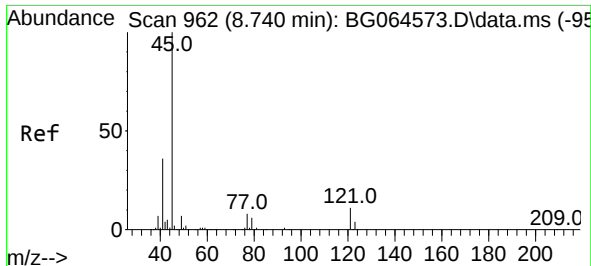
Ion Ratio Lower Upper

79 100

108 72.3 58.1 87.1

77 67.7 52.8 79.2

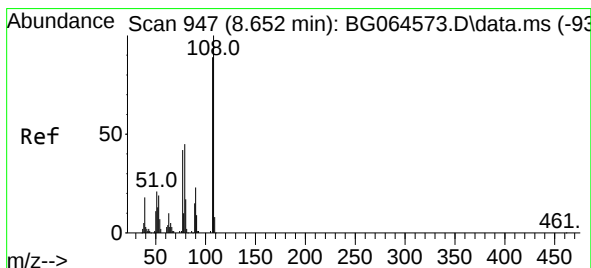
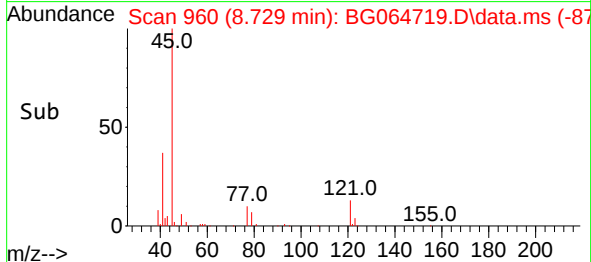
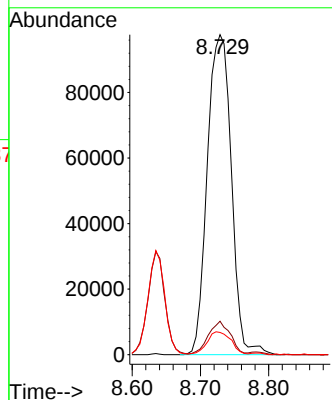
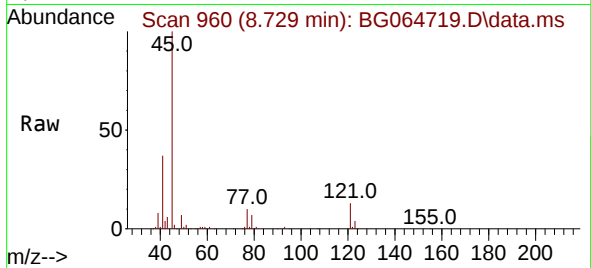




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.096 ng
RT: 8.729 min Scan# 90
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

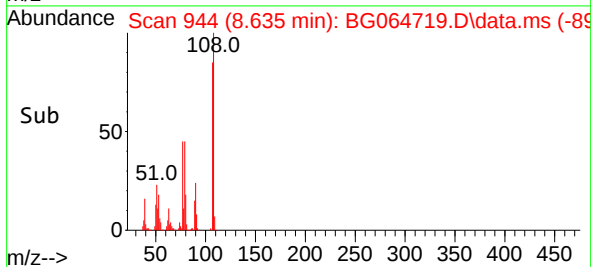
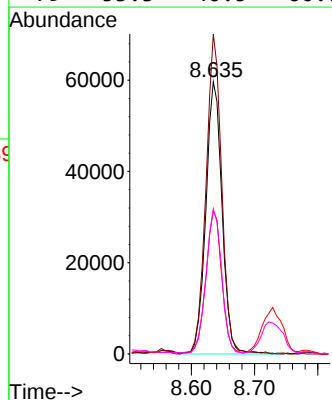
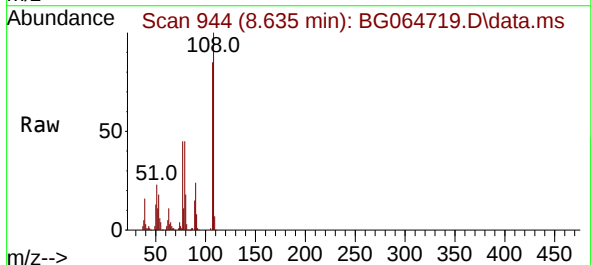
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

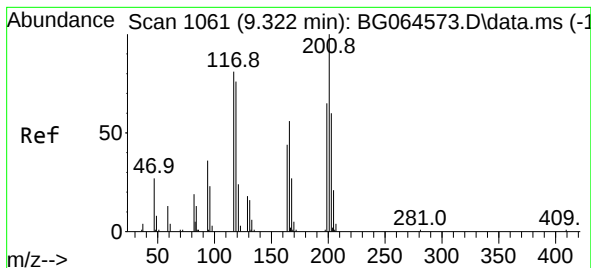
Tgt Ion: 45 Resp: 239548
Ion Ratio Lower Upper
45 100
77 10.5 0.0 28.5
79 6.9 0.0 25.6



#17
2-Methylphenol
Concen: 46.502 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:107 Resp: 106243
Ion Ratio Lower Upper
107 100
108 117.6 90.0 135.0
77 52.7 37.8 56.8
79 53.3 40.5 60.7





#18

Hexachloroethane

Concen: 46.646 ng

RT: 9.304 min Scan# 1058

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

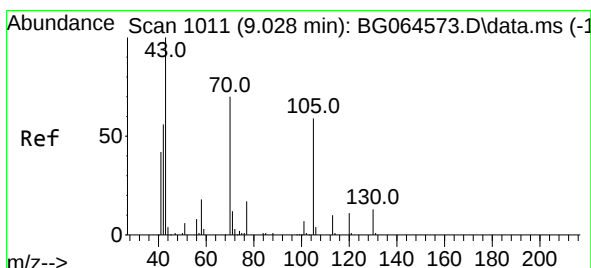
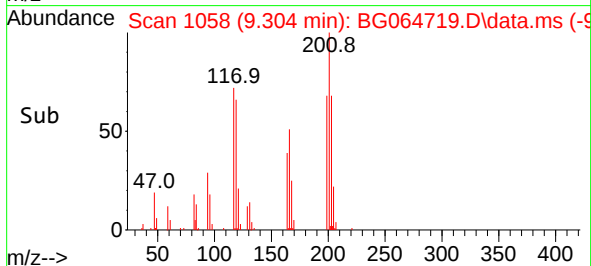
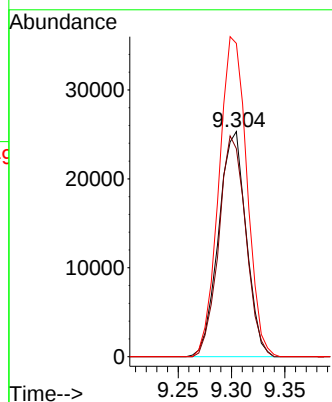
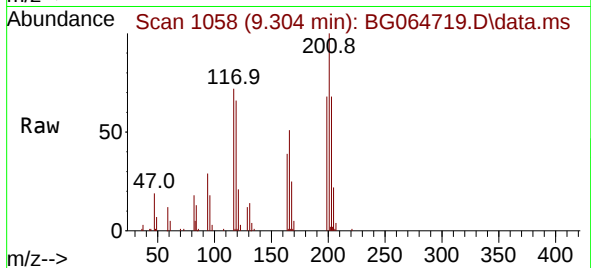
Tgt Ion:117 Resp: 45468

Ion Ratio Lower Upper

117 100

119 92.4 75.4 113.2

201 139.1 99.2 148.8



#19

n-Nitroso-di-n-propylamine

Concen: 42.648 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Tgt Ion: 70 Resp: 91710

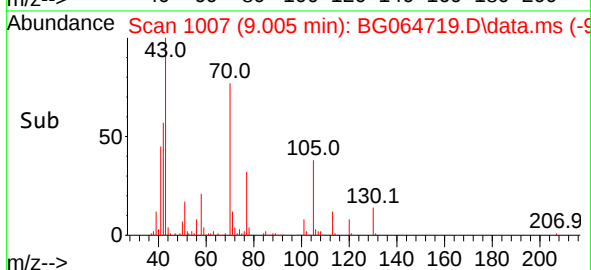
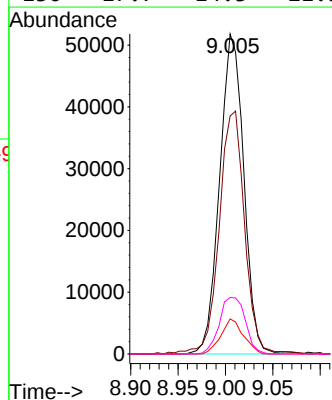
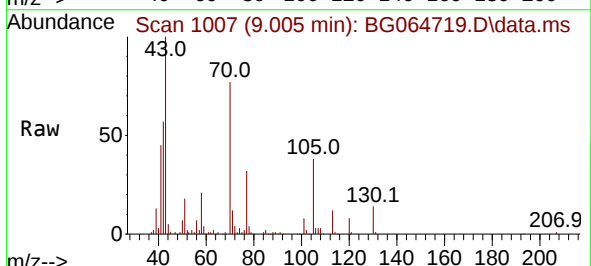
Ion Ratio Lower Upper

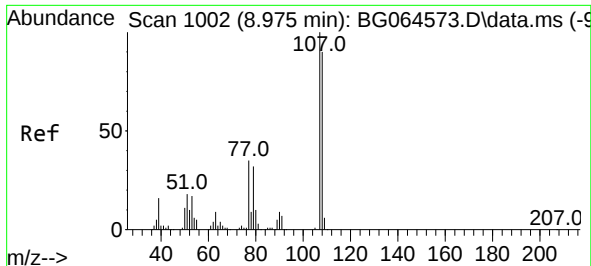
70 100

42 74.3 65.2 97.8

101 10.9 7.9 11.9

130 17.7 14.3 21.5

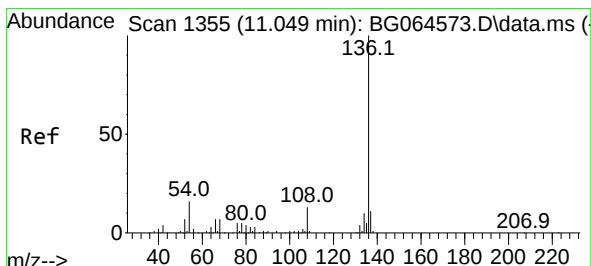
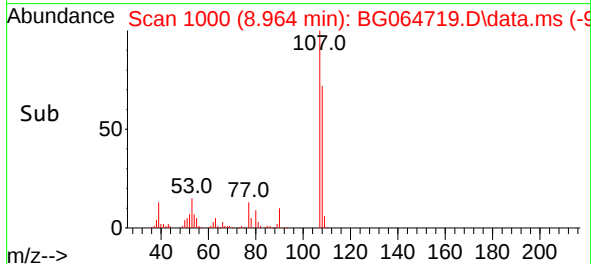
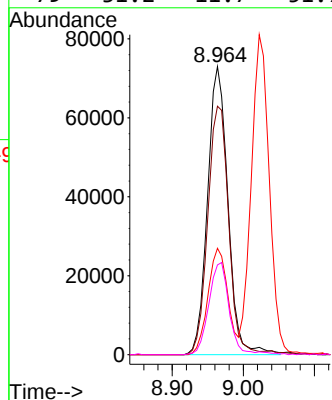
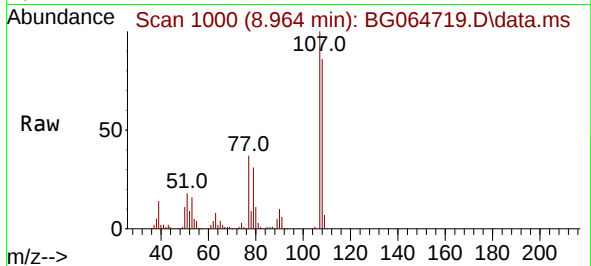




#20
3+4-Methylphenols
Concen: 45.281 ng
RT: 8.964 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

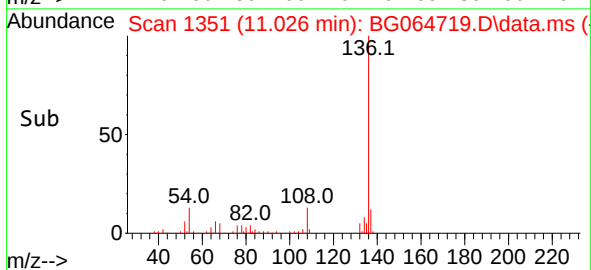
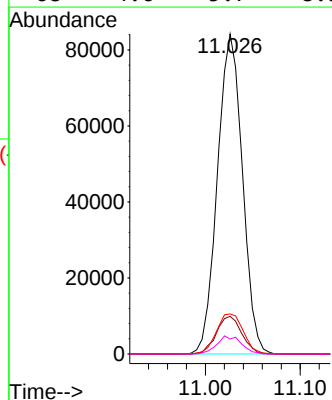
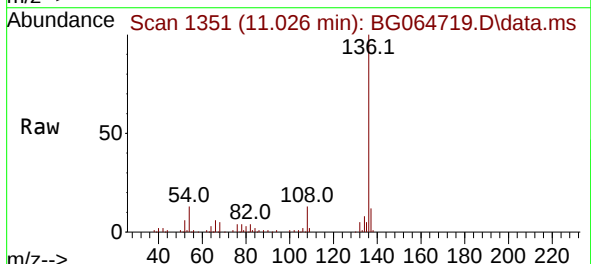
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

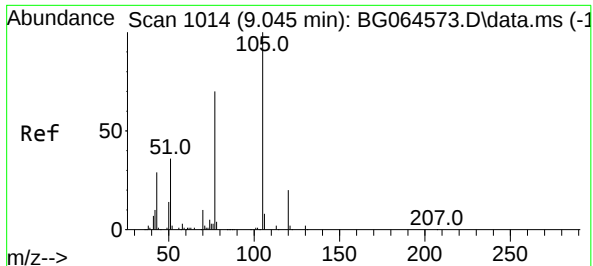
Tgt Ion:107	Resp: 145491
Ion Ratio	Lower Upper
107 100	
108 86.2	70.3 110.3
77 36.9	14.6 54.6
79 31.2	11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1351
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

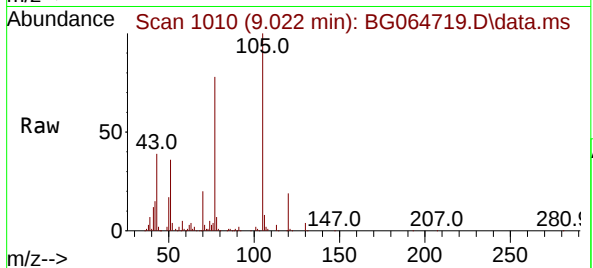
Tgt	Ion:136	Resp:	154155
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	12.5	12.6	19.0#
68	4.6	5.7	8.5#



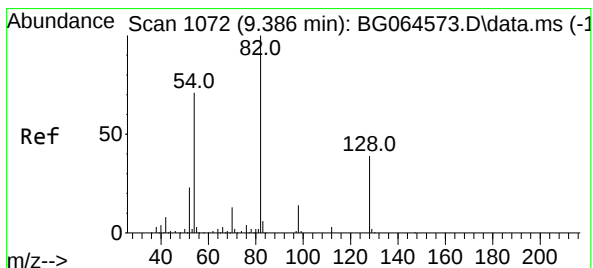
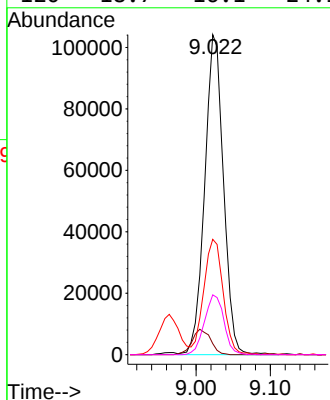
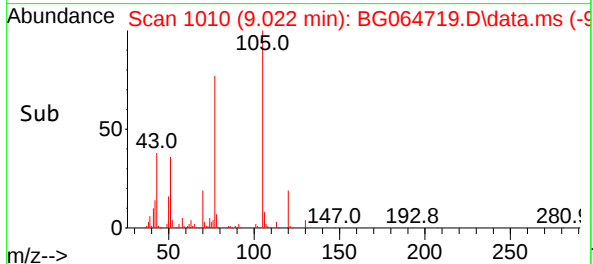


#22
Acetophenone
Concen: 43.572 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

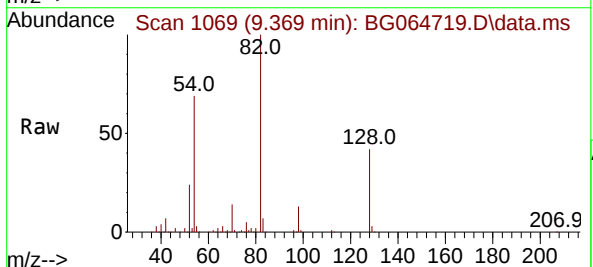
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



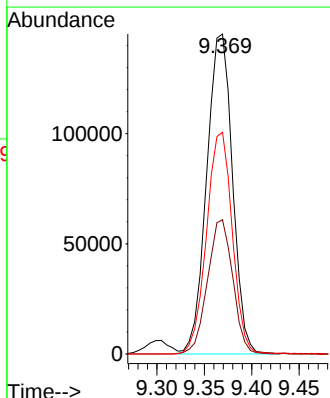
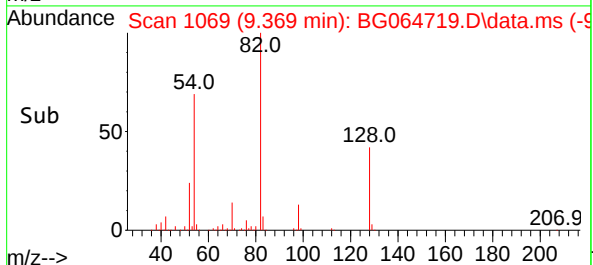
Tgt Ion:105 Resp: 183612
Ion Ratio Lower Upper
105 100
71 3.5 1.5 2.3#
51 36.0 33.7 50.5
120 18.7 16.1 24.1

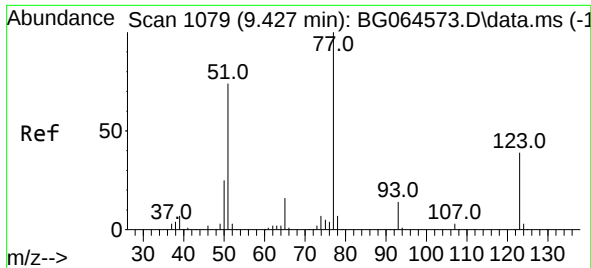


#23
Nitrobenzene-d5
Concen: 107.154 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion: 82 Resp: 275019
Ion Ratio Lower Upper
82 100
128 42.0 31.3 46.9
54 69.3 56.6 84.8

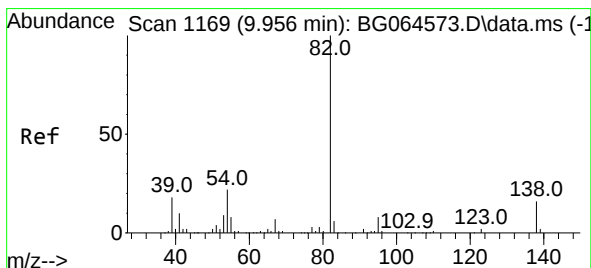
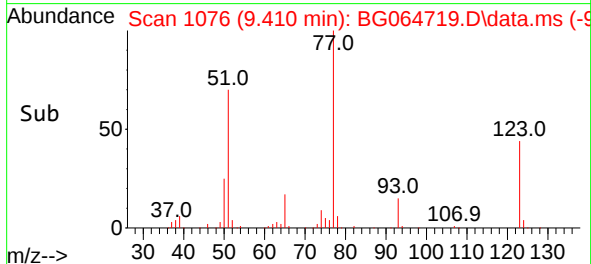
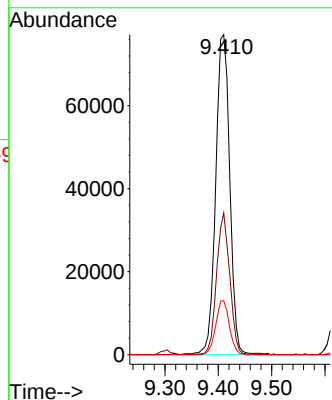
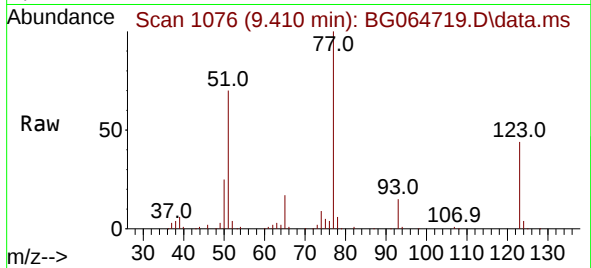




#24
Nitrobenzene
Concen: 50.576 ng
RT: 9.410 min Scan# 1076
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

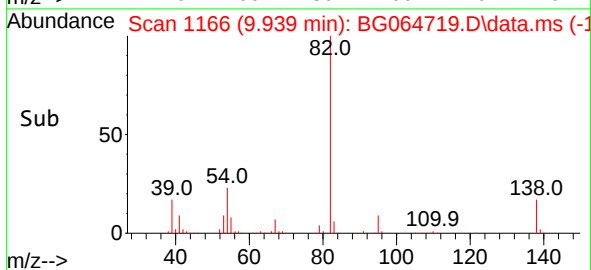
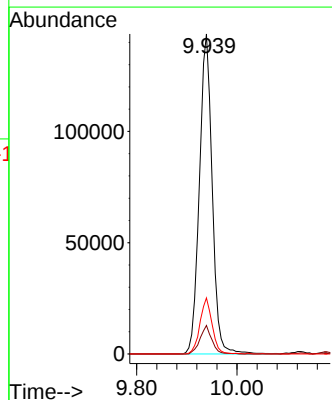
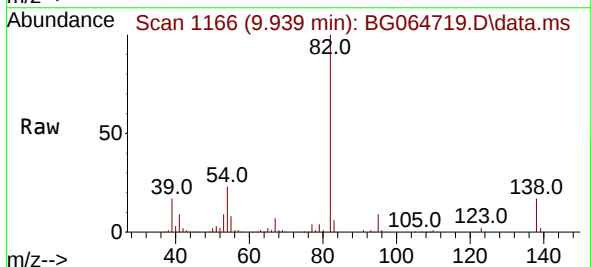
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

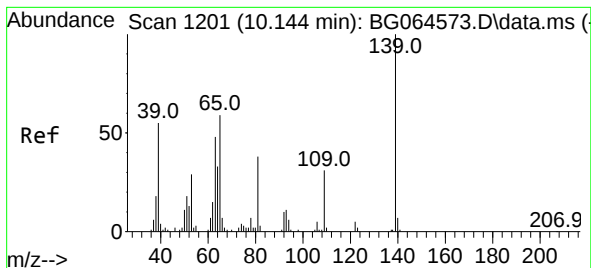
Tgt Ion: 77 Resp: 141186
Ion Ratio Lower Upper
77 100
123 44.3 31.0 46.6
65 16.9 12.7 19.1



#25
Isophorone
Concen: 41.312 ng
RT: 9.939 min Scan# 1166
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 82 Resp: 254423
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 17.5 13.0 19.4

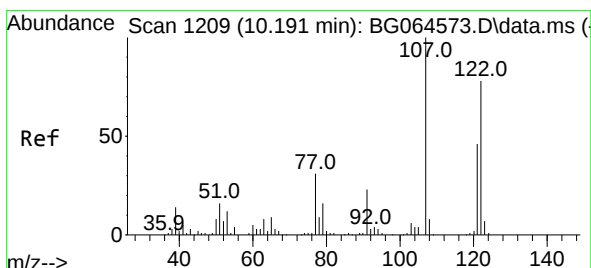
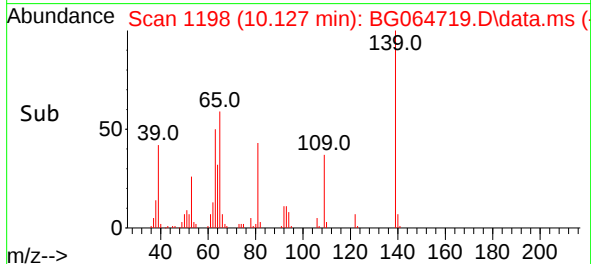
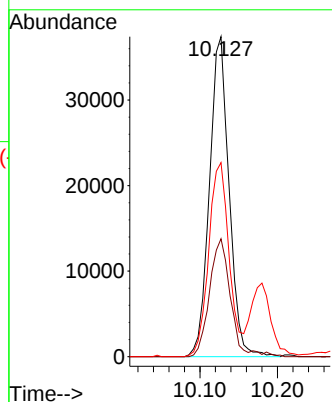
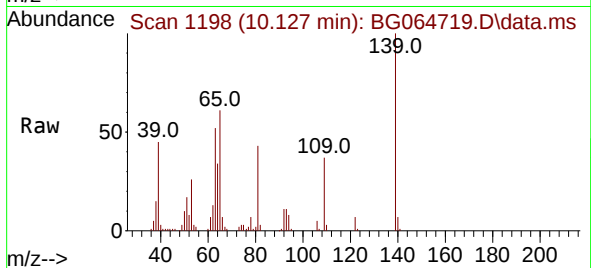




#26
2-Nitrophenol
Concen: 60.151 ng
RT: 10.127 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

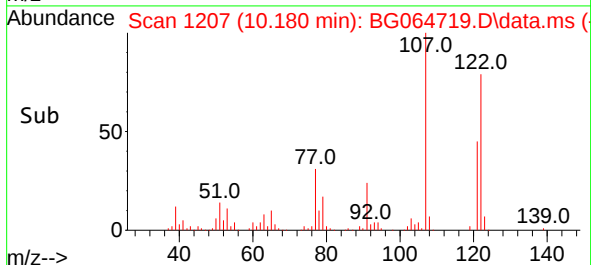
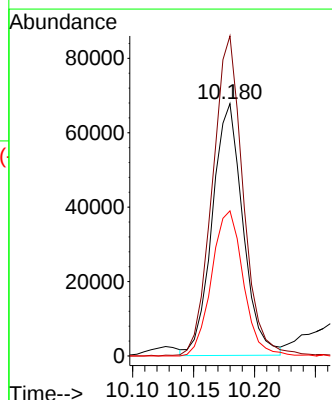
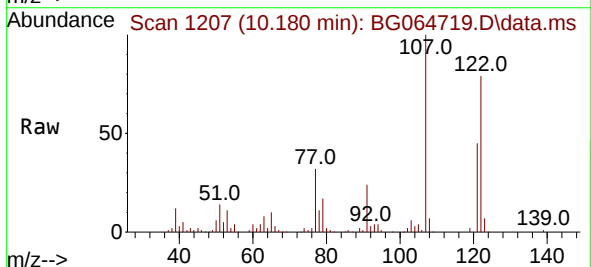
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

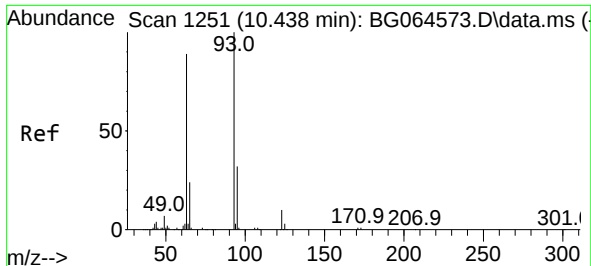
Tgt Ion:139 Resp: 65701
Ion Ratio Lower Upper
139 100
109 36.9 24.6 37.0
65 60.6 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 51.778 ng
RT: 10.180 min Scan# 1207
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:122 Resp: 118614
Ion Ratio Lower Upper
122 100
107 126.8 103.0 154.4
121 57.5 47.8 71.8

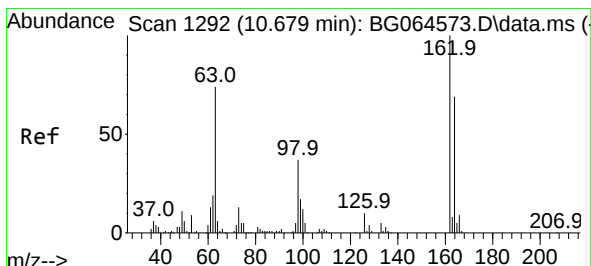
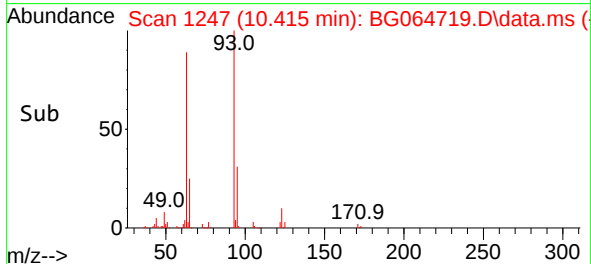
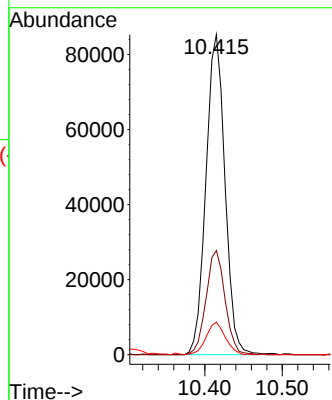
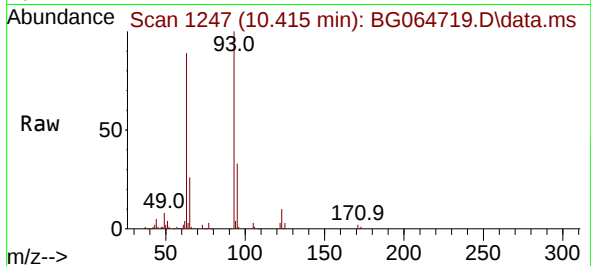




#28
bis(2-Chloroethoxy)methane
Concen: 41.403 ng
RT: 10.415 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

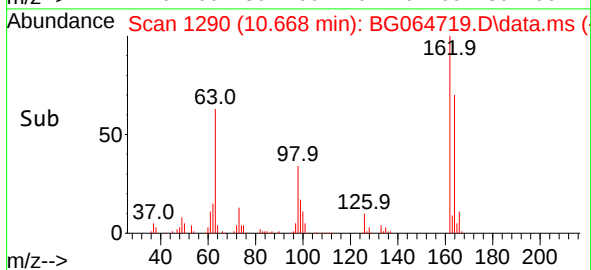
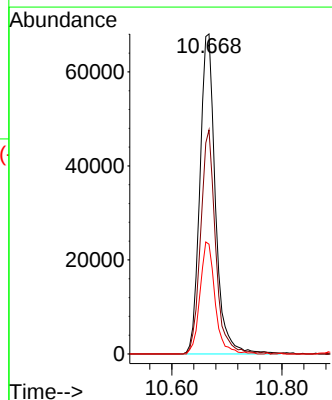
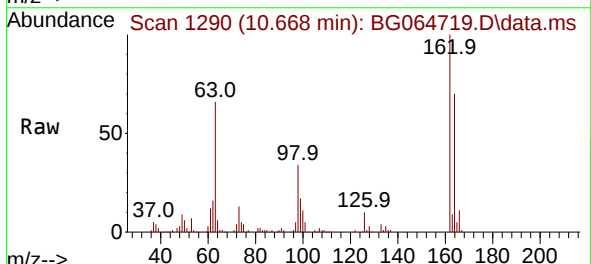
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

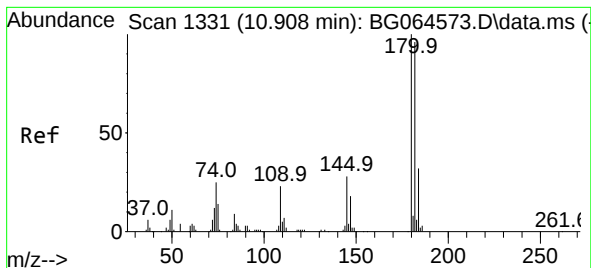
Tgt Ion: 93 Resp: 145179
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 10.2 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 54.072 ng
RT: 10.668 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:162 Resp: 133309
Ion Ratio Lower Upper
162 100
164 70.0 48.7 88.7
98 34.3 16.9 56.9





#30

1,2,4-Trichlorobenzene

Concen: 53.335 ng

RT: 10.885 min Scan# 1

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

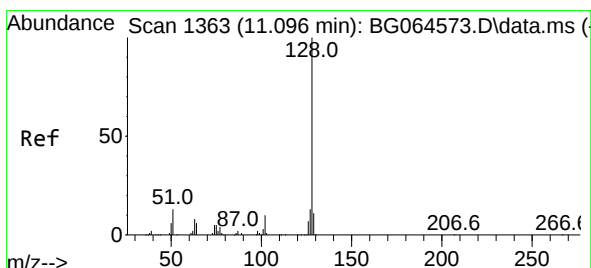
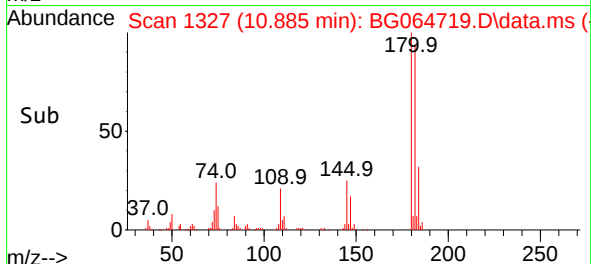
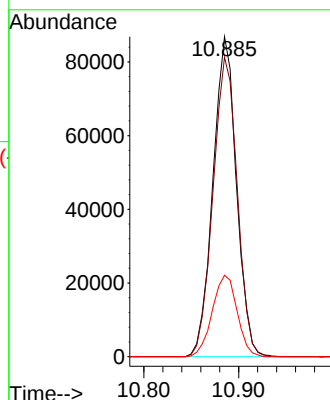
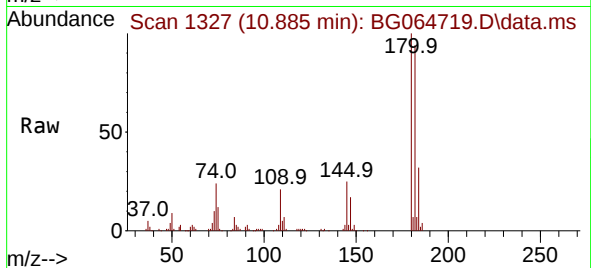
Tgt Ion:180 Resp: 149399

Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 25.4 22.1 33.1



#31

Naphthalene

Concen: 44.621 ng

RT: 11.079 min Scan# 1360

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

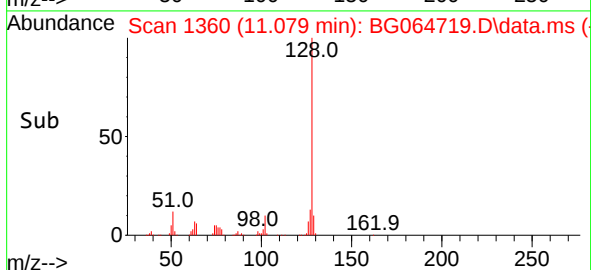
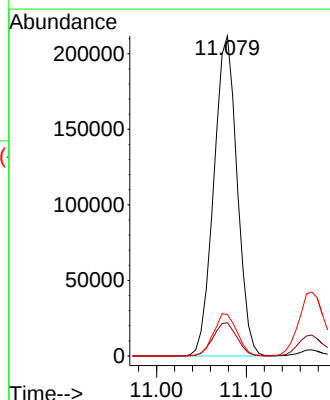
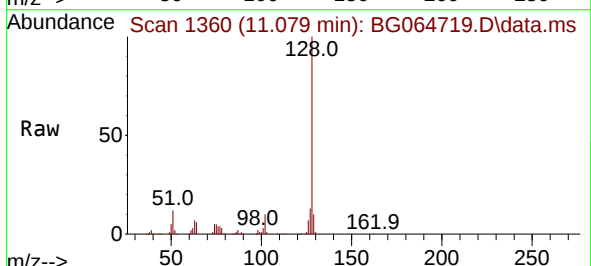
Tgt Ion:128 Resp: 381367

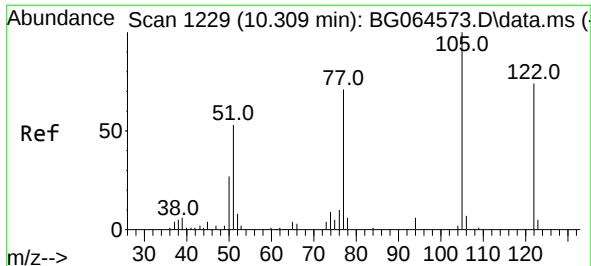
Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 13.0 10.6 15.8

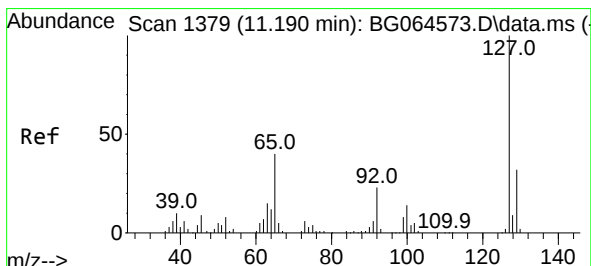
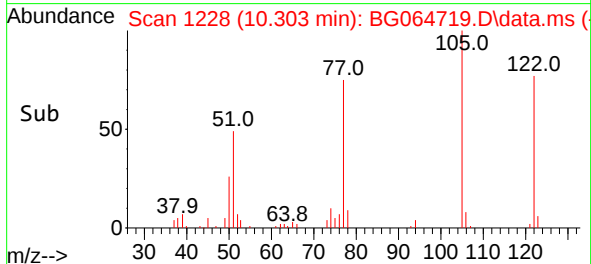
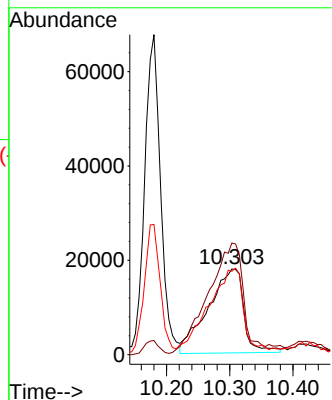
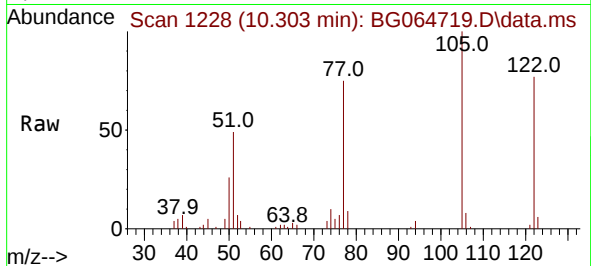




#32
Benzoic acid
Concen: 40.998 ng
RT: 10.303 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

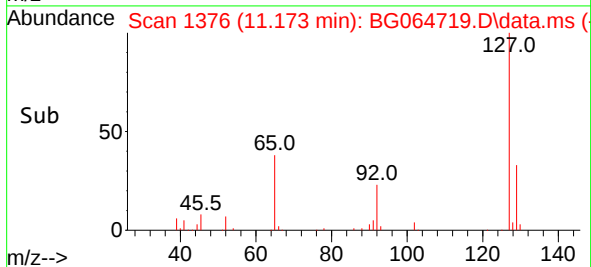
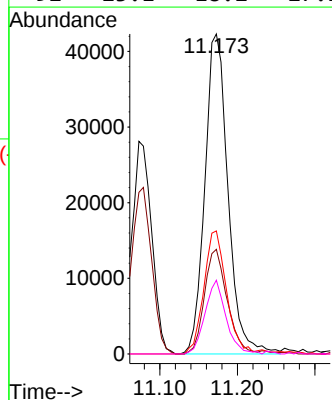
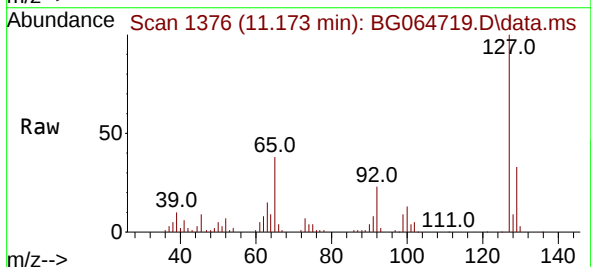
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

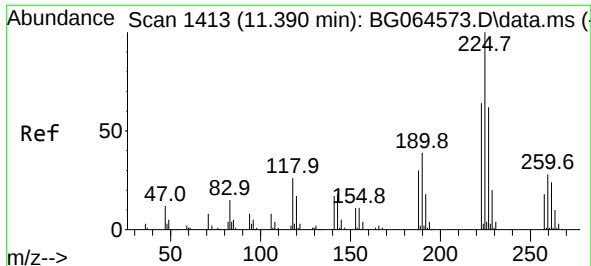
Tgt Ion:122 Resp: 69764
Ion Ratio Lower Upper
122 100
105 130.4 104.2 144.2
77 97.2 70.2 110.2



#33
4-Chloroaniline
Concen: 26.439 ng
RT: 11.173 min Scan# 1376
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

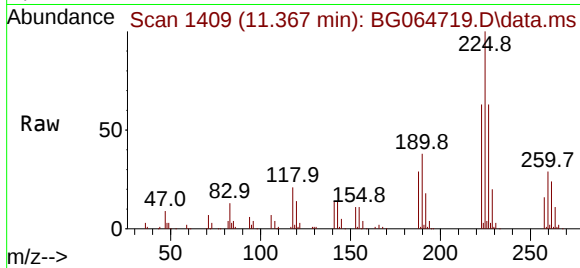
Tgt Ion:127 Resp: 87831
Ion Ratio Lower Upper
127 100
129 32.7 25.5 38.3
65 38.5 32.2 48.4
92 23.1 18.2 27.2



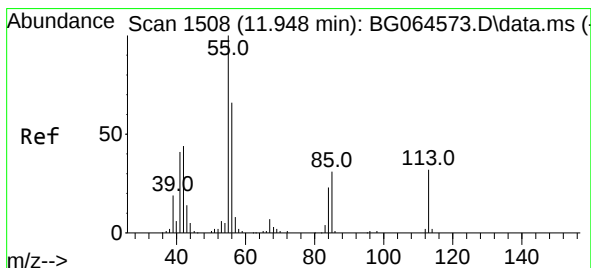
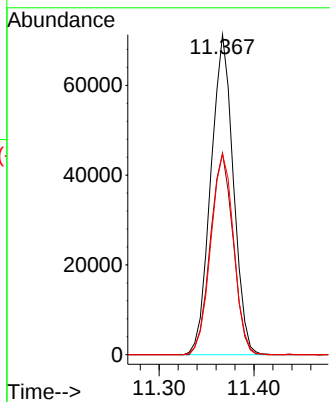
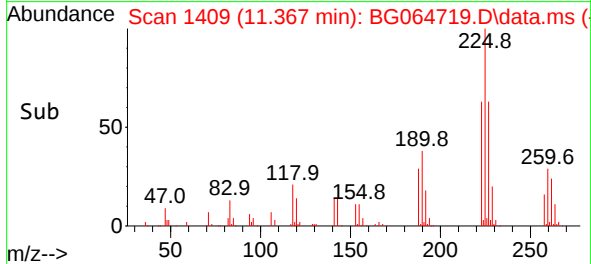


#34
Hexachlorobutadiene
Concen: 53.622 ng
RT: 11.367 min Scan# 1409
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

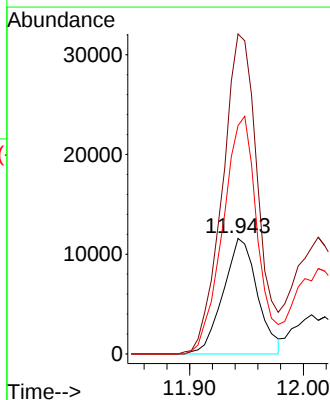
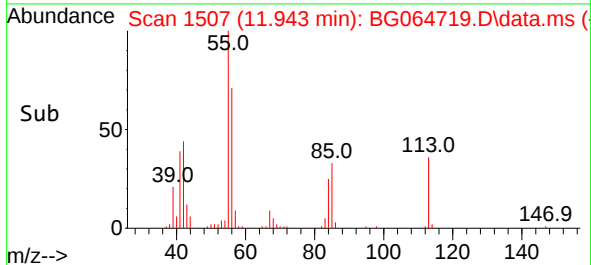
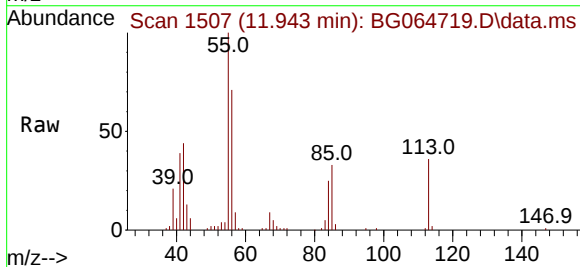


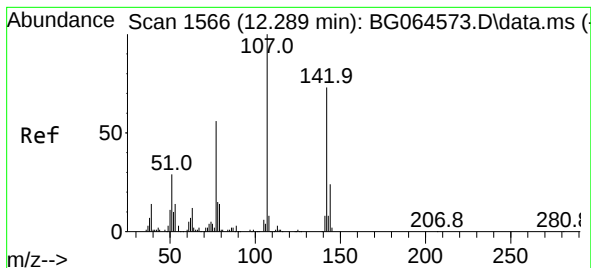
Tgt Ion:225 Resp: 117468
Ion Ratio Lower Upper
225 100
223 63.0 48.8 73.2
227 62.7 49.5 74.3



#35
Caprolactam
Concen: 25.593 ng
RT: 11.943 min Scan# 1507
Delta R.T. -0.005 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:113 Resp: 24200
Ion Ratio Lower Upper
113 100
55 277.0 290.1 330.1#
56 197.6 183.8 223.8

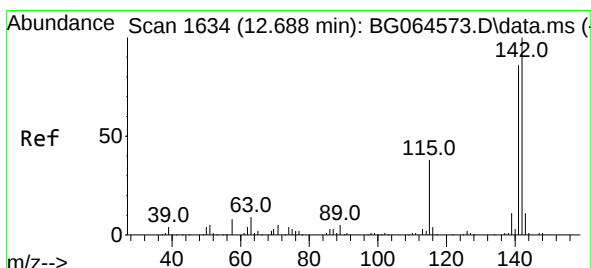
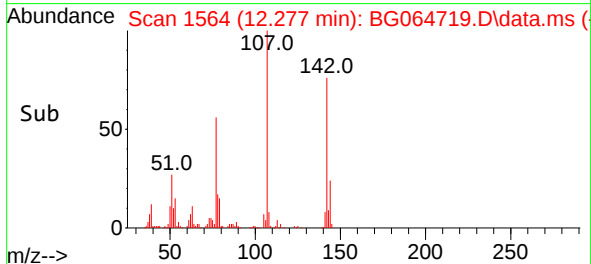
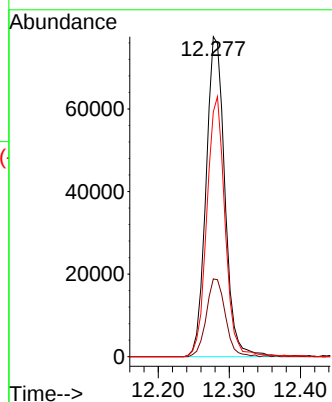
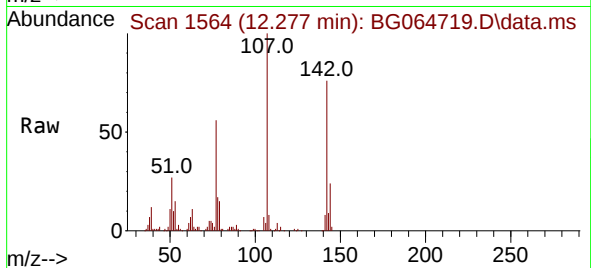




#36
 4-Chloro-3-methylphenol
 Concen: 48.162 ng
 RT: 12.277 min Scan# 1564
 Delta R.T. -0.011 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

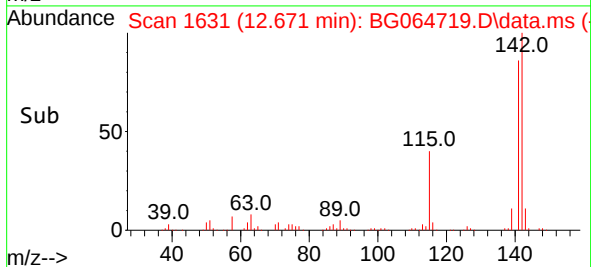
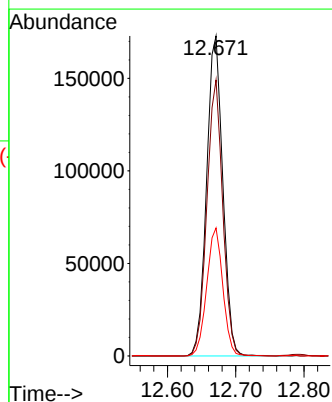
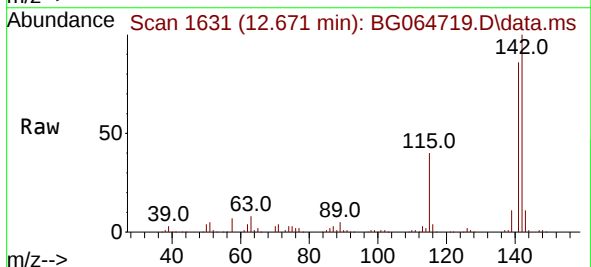
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

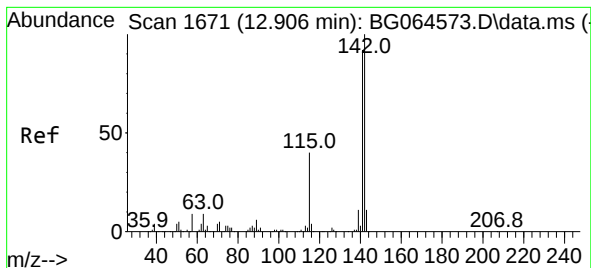
Tgt Ion:107 Resp: 142725
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.1 28.7
 142 76.5 58.6 87.8



#37
 2-Methylnaphthalene
 Concen: 45.561 ng
 RT: 12.671 min Scan# 1631
 Delta R.T. -0.017 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Tgt Ion:142 Resp: 285895
 Ion Ratio Lower Upper
 142 100
 141 86.3 68.9 103.3
 115 40.0 30.6 46.0





#38

1-Methylnaphthalene

Concen: 43.540 ng

RT: 12.888 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

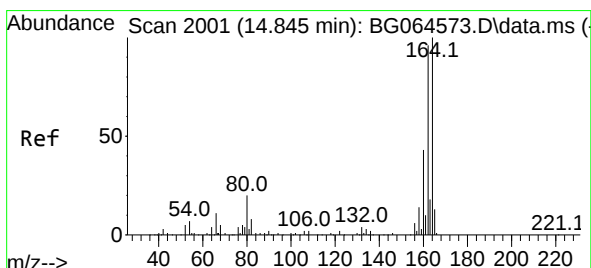
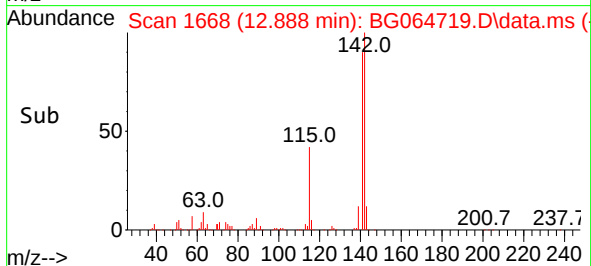
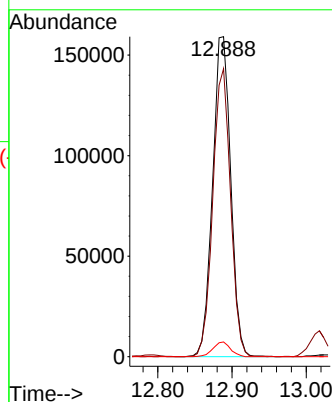
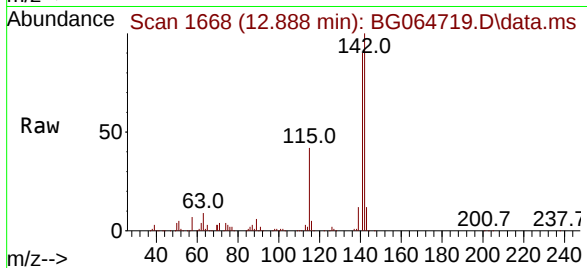
Tgt Ion:142 Resp: 270471

Ion Ratio Lower Upper

142 100

141 90.0 73.3 109.9

116 4.6 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: BG064719.D

Acq: 7 Nov 2025 16:54

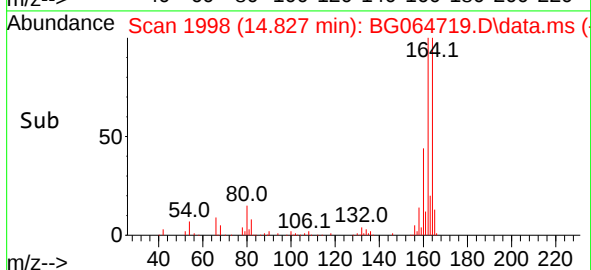
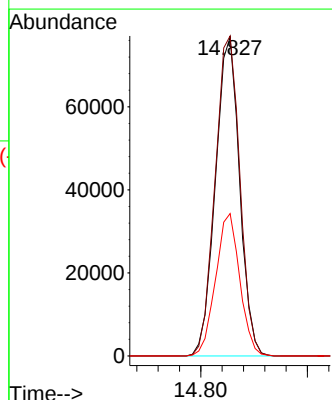
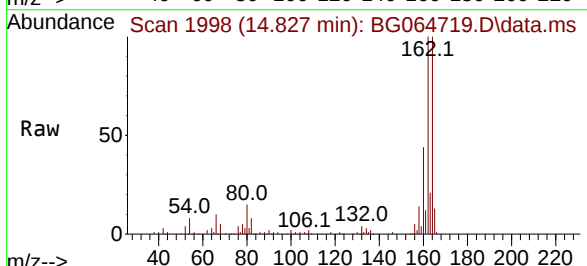
Tgt Ion:164 Resp: 120328

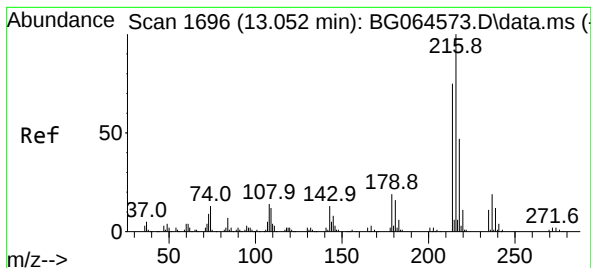
Ion Ratio Lower Upper

164 100

162 100.4 77.0 115.6

160 44.7 34.4 51.6



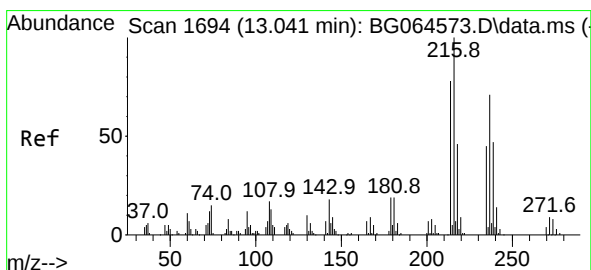
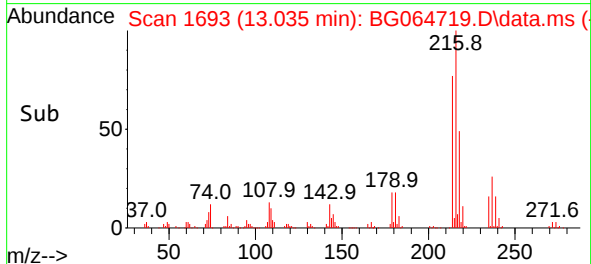
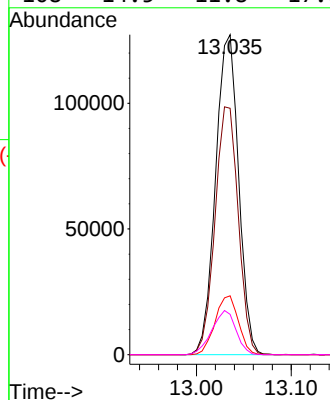
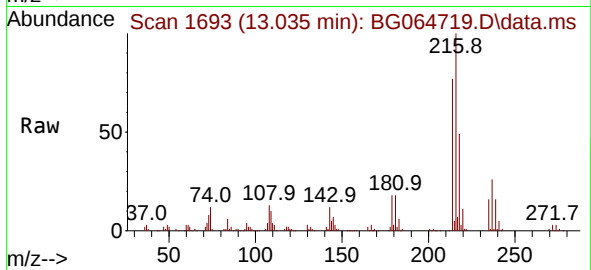


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.225 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion:216 Resp: 214940

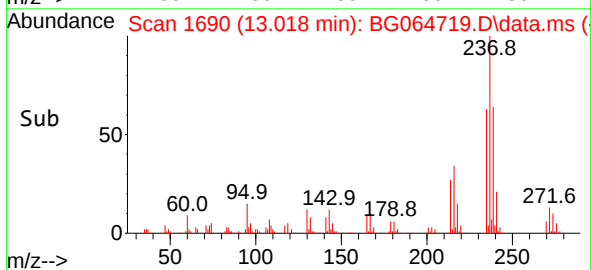
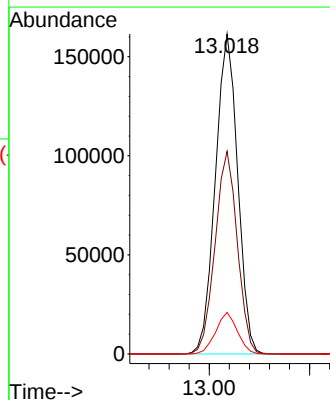
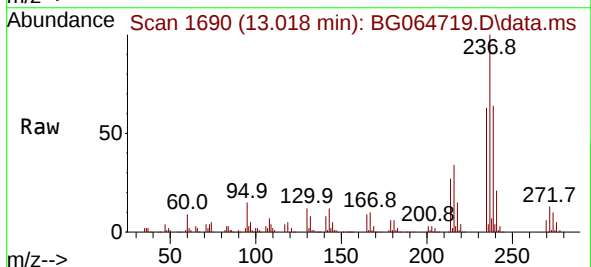
Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.4	92.2
179	18.6	15.4	23.0
108	14.5	11.8	17.6

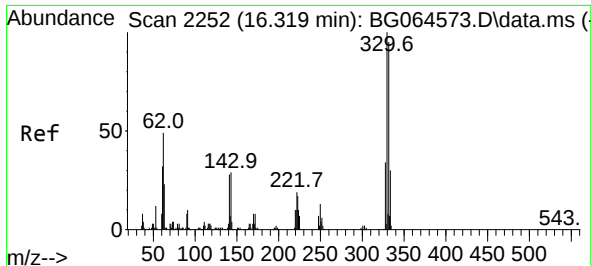


#41
Hexachlorocyclopentadiene
Concen: 136.701 ng
RT: 13.018 min Scan# 1690
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:237 Resp: 248477

Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.1	84.1
272	13.0	0.0	32.4

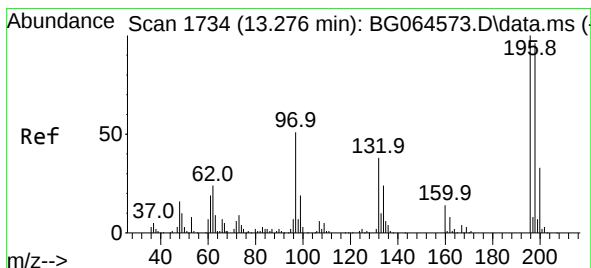
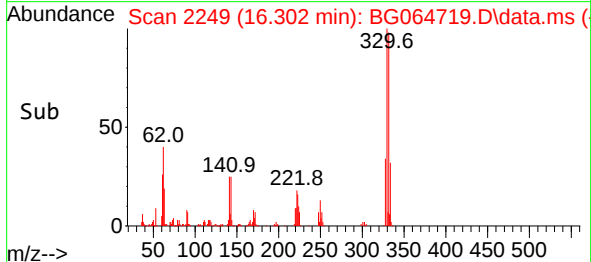
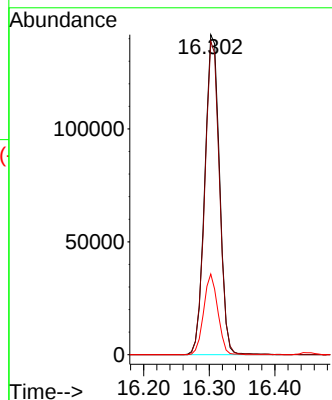
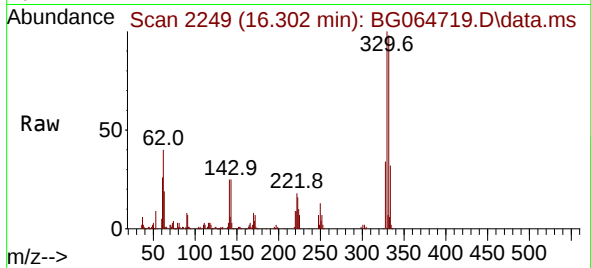




#42
2,4,6-Tribromophenol
Concen: 127.691 ng
RT: 16.302 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

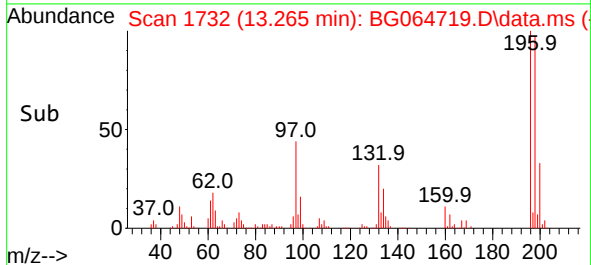
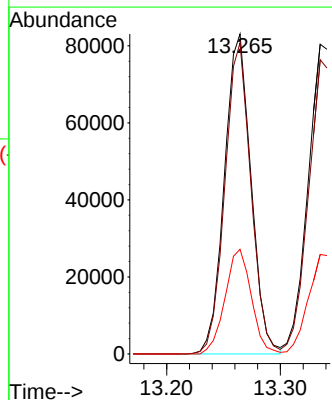
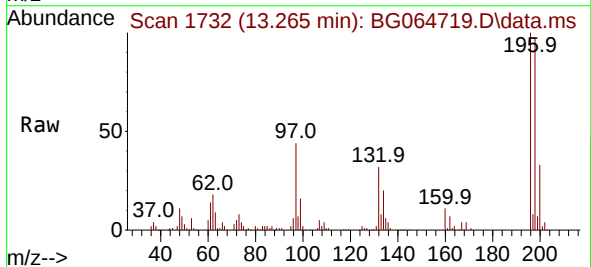
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

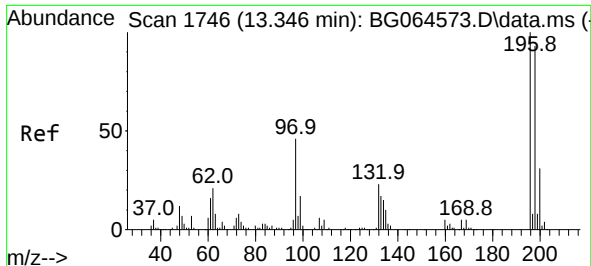
Tgt Ion:330 Resp: 221760
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 24.0 21.8 32.6



#43
2,4,6-Trichlorophenol
Concen: 58.432 ng
RT: 13.265 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:196 Resp: 134974
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
200 32.7 26.0 39.0

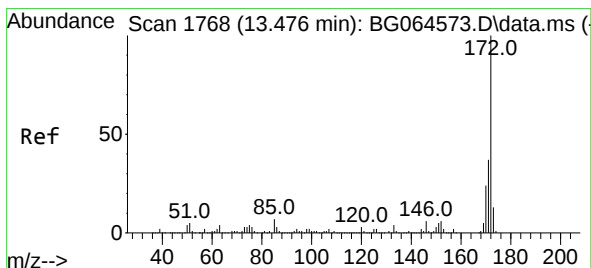
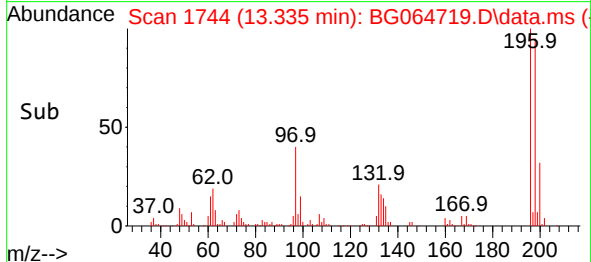
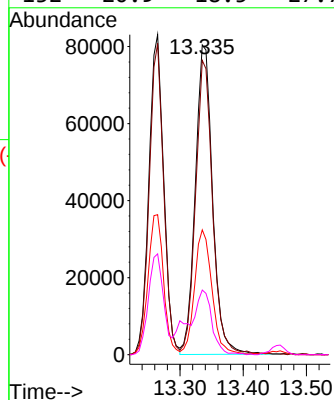
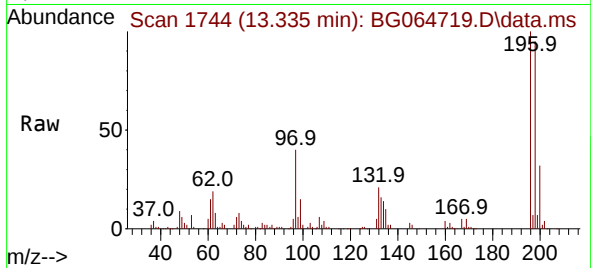




#44
 2,4,5-Trichlorophenol
 Concen: 57.305 ng
 RT: 13.335 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

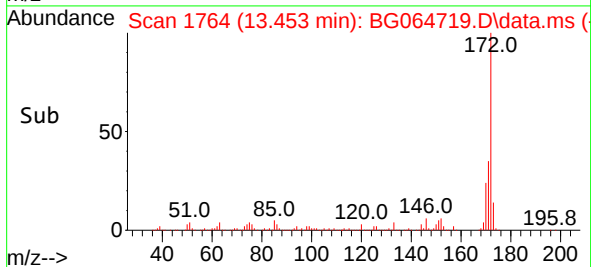
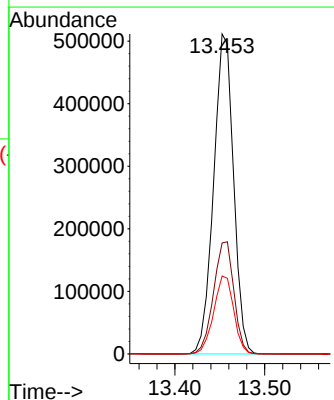
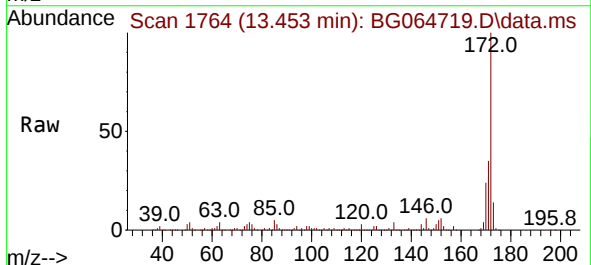
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

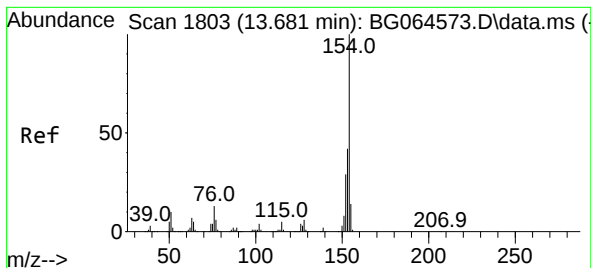
Tgt Ion:196 Resp: 152756
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.2 111.4
 97 40.3 37.0 55.6
 132 20.9 18.5 27.7



#45
 2-Fluorobiphenyl
 Concen: 99.130 ng
 RT: 13.453 min Scan# 1764
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Tgt Ion:172 Resp: 786948
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 24.3 19.1 28.7





#46

1,1'-Biphenyl

Concen: 47.096 ng

RT: 13.664 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

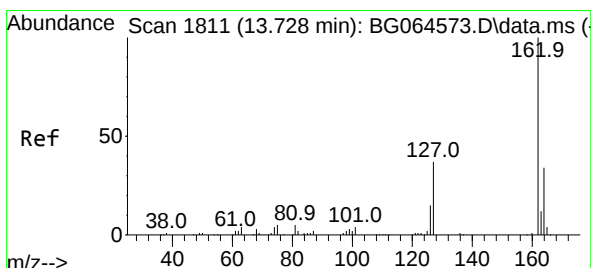
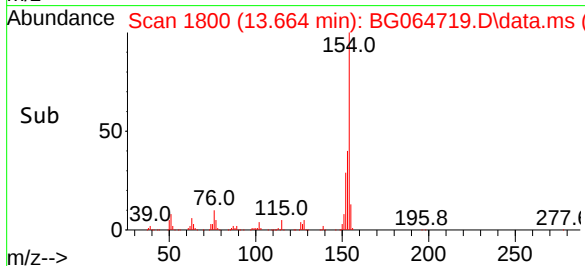
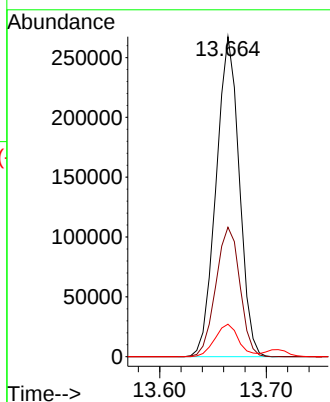
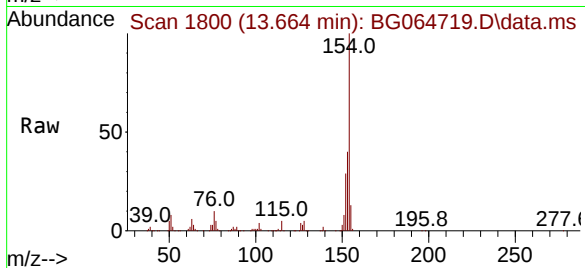
Tgt Ion:154 Resp: 402880

Ion Ratio Lower Upper

154 100

153 40.4 22.4 62.4

76 10.2 0.0 33.5



#47

2-Chloronaphthalene

Concen: 49.047 ng

RT: 13.711 min Scan# 1808

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

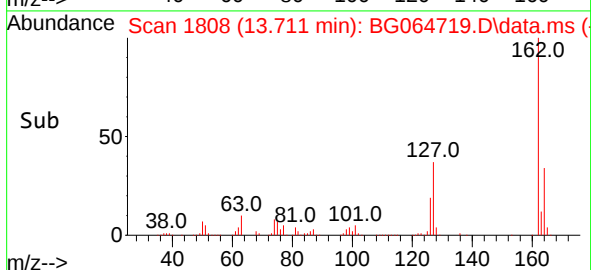
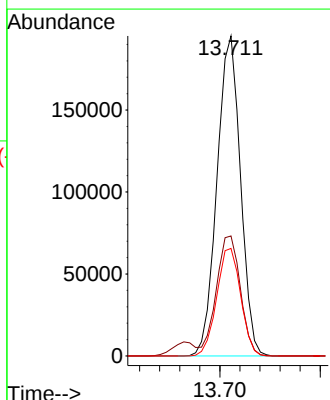
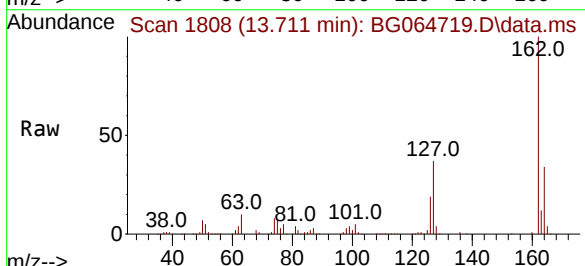
Tgt Ion:162 Resp: 316707

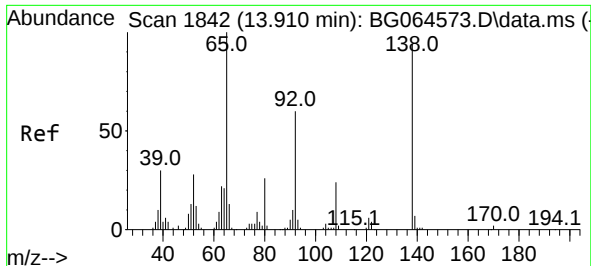
Ion Ratio Lower Upper

162 100

127 37.5 32.2 48.2

164 33.6 27.5 41.3

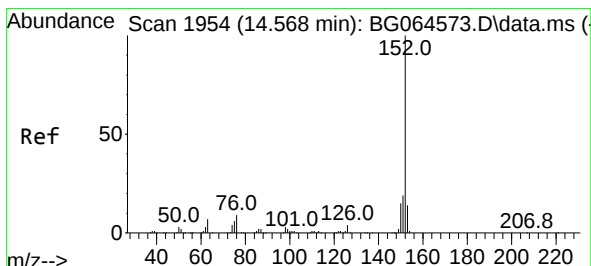
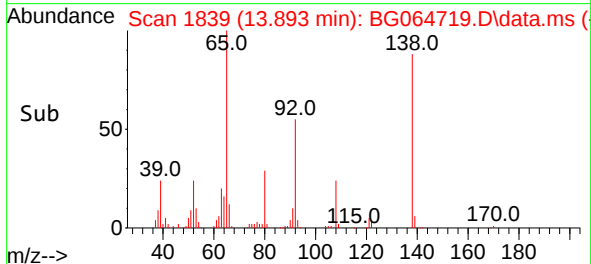
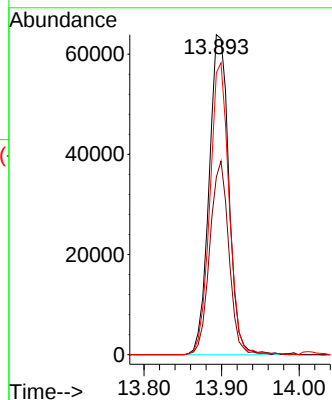
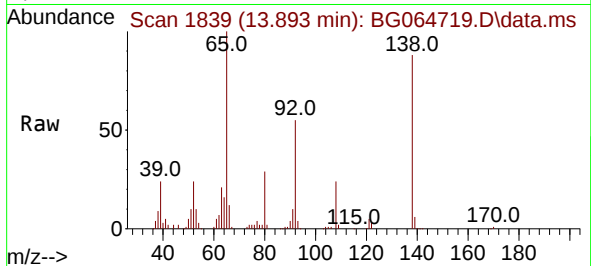




#48
2-Nitroaniline
Concen: 51.860 ng
RT: 13.893 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

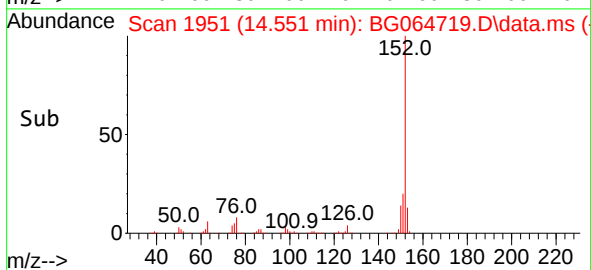
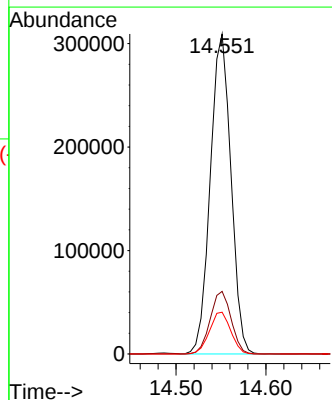
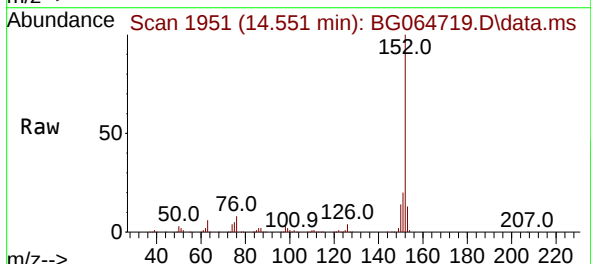
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

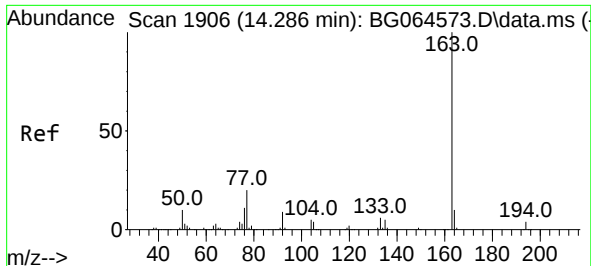
Tgt Ion: 65 Resp: 113021
Ion Ratio Lower Upper
65 100
92 55.5 48.3 72.5
138 88.1 74.9 112.3



#49
Acenaphthylene
Concen: 48.436 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 152 Resp: 493325
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 13.1 11.0 16.4

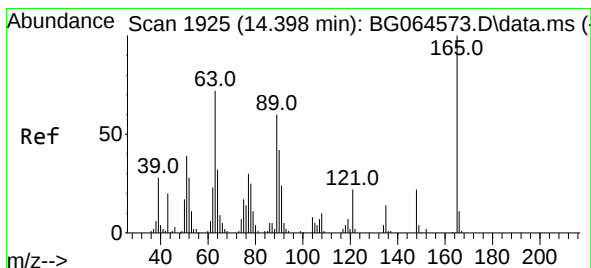
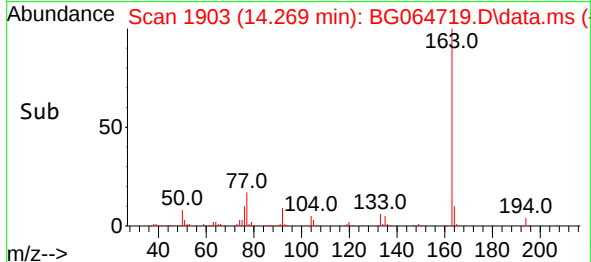
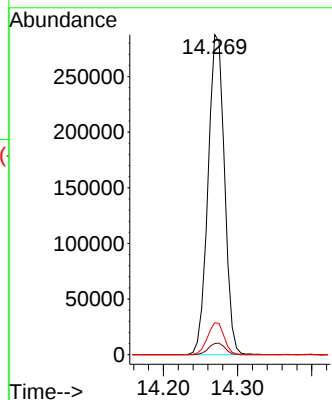
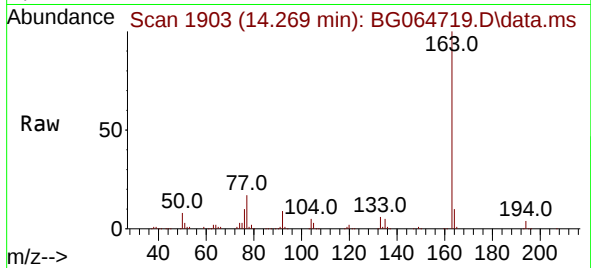




#50
Dimethylphthalate
Concen: 48.113 ng
RT: 14.269 min Scan# 1903
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

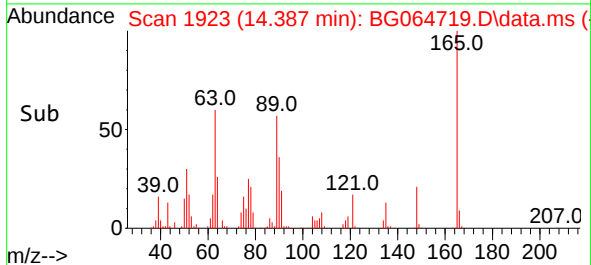
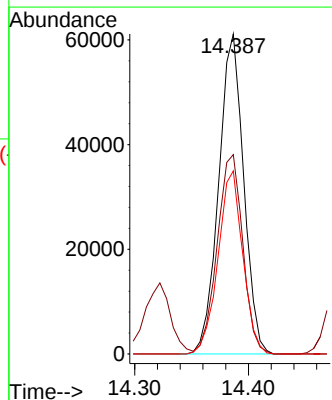
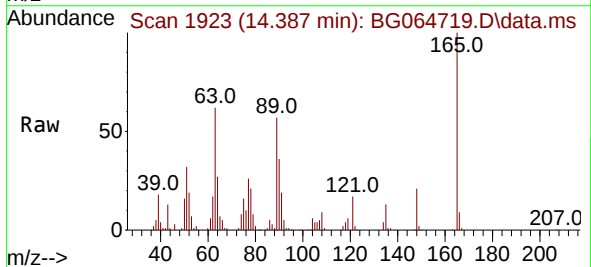
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

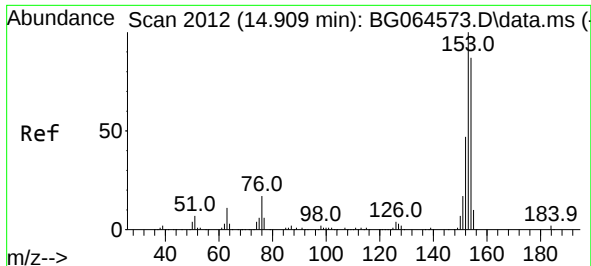
Tgt Ion:163 Resp: 443005
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.0 7.7 11.5



#51
2,6-Dinitrotoluene
Concen: 60.494 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:165 Resp: 93259
Ion Ratio Lower Upper
165 100
63 62.3 57.4 86.0
89 57.2 47.8 71.8

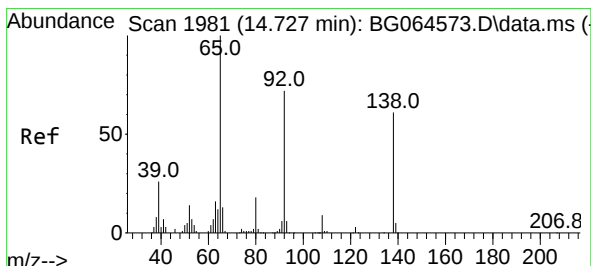
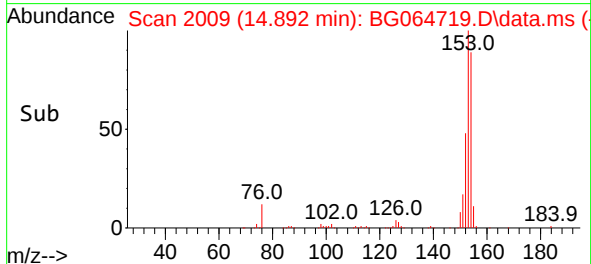
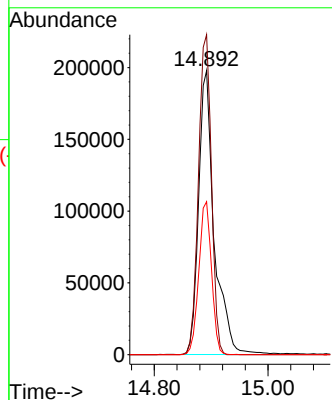
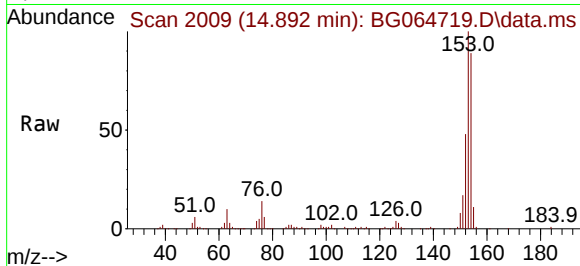




#52
Acenaphthene
Concen: 54.413 ng
RT: 14.892 min Scan# 2012
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

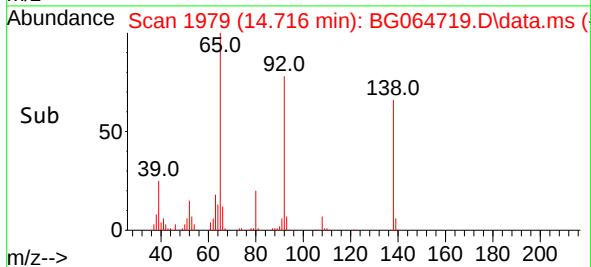
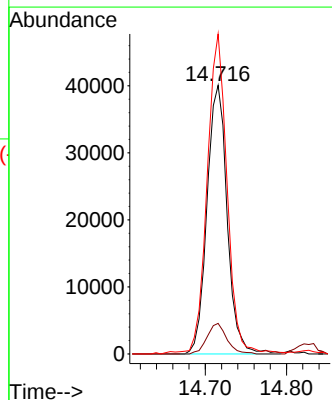
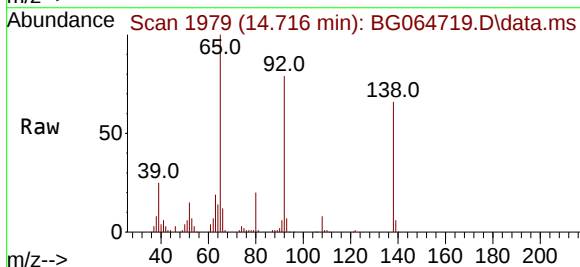
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

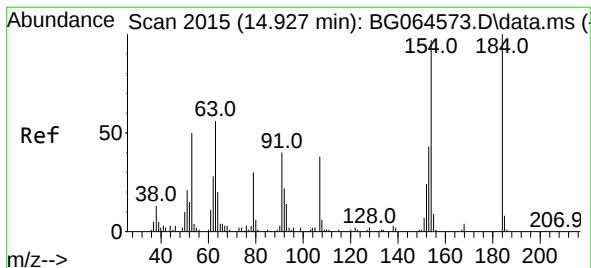
Tgt Ion:154 Resp: 378635
Ion Ratio Lower Upper
154 100
153 112.7 92.2 138.4
152 53.9 43.2 64.8



#53
3-Nitroaniline
Concen: 43.732 ng
RT: 14.716 min Scan# 1979
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:138 Resp: 69200
Ion Ratio Lower Upper
138 100
108 11.4 11.4 17.0
92 119.1 95.3 142.9





#54

2,4-Dinitrophenol

Concen: 114.284 ng

RT: 14.921 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

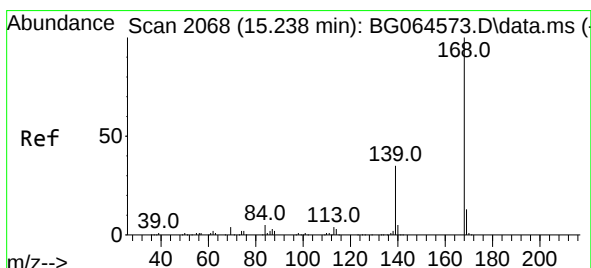
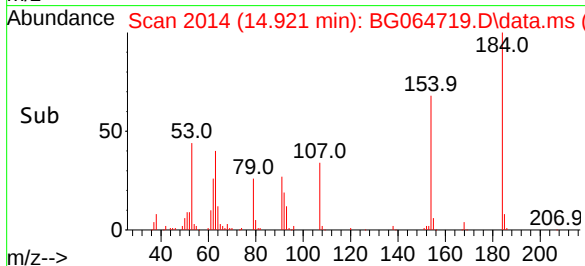
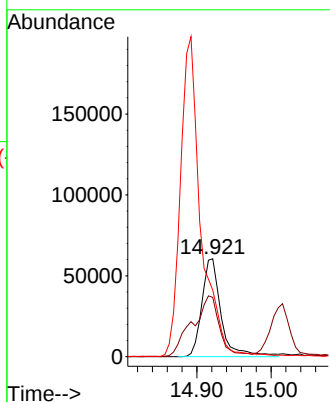
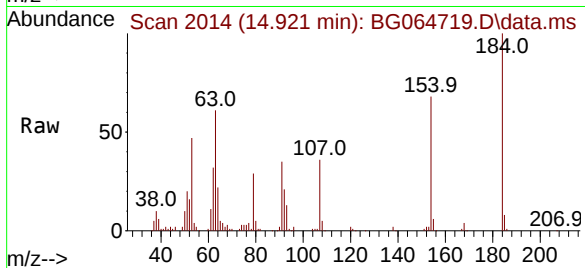
Tgt Ion:184 Resp: 108934

Ion Ratio Lower Upper

184 100

63 60.6 56.6 85.0

154 68.0 158.6 238.0#



#55

Dibenzofuran

Concen: 48.385 ng

RT: 15.221 min Scan# 2065

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

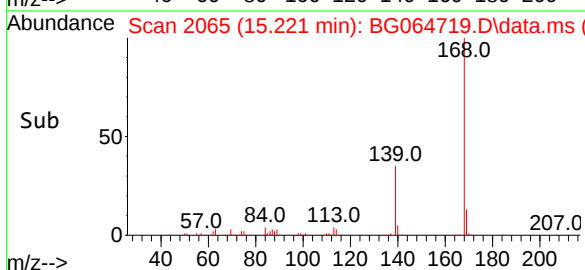
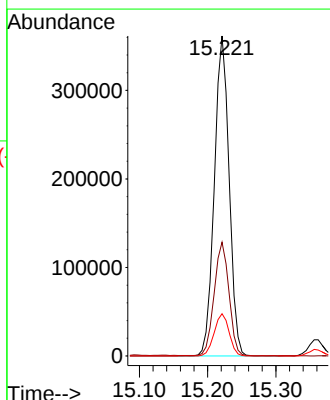
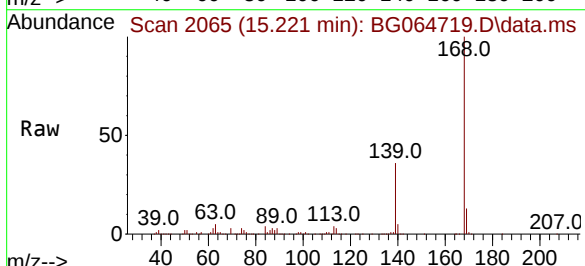
Tgt Ion:168 Resp: 544332

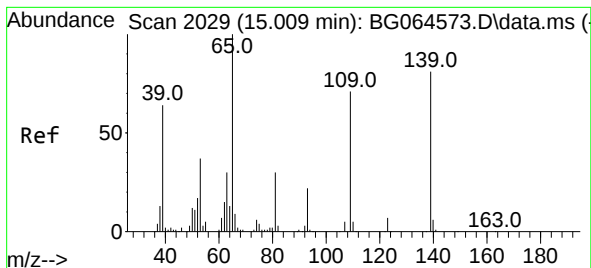
Ion Ratio Lower Upper

168 100

139 35.6 27.8 41.8

169 13.2 10.3 15.5

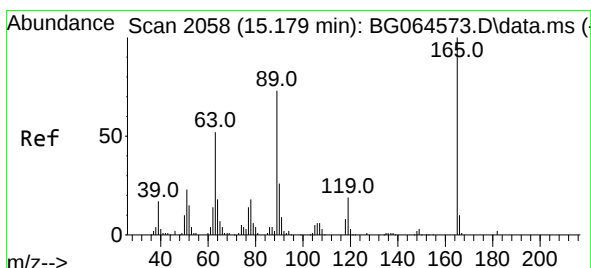
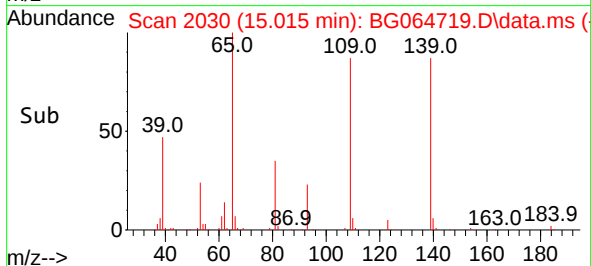
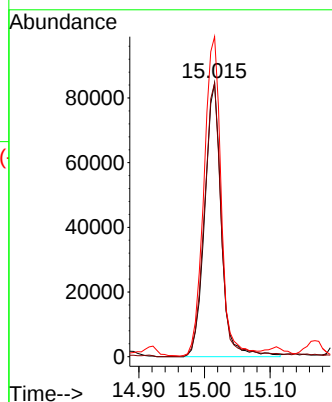
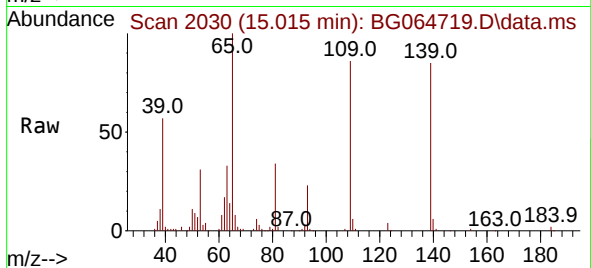




#56
4-Nitrophenol
Concen: 101.830 ng
RT: 15.015 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

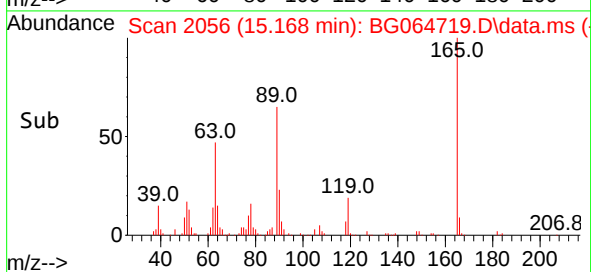
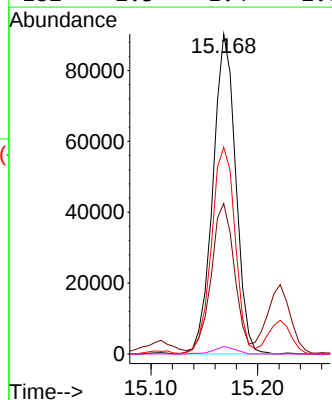
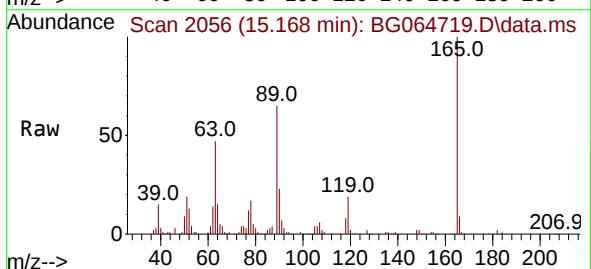
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

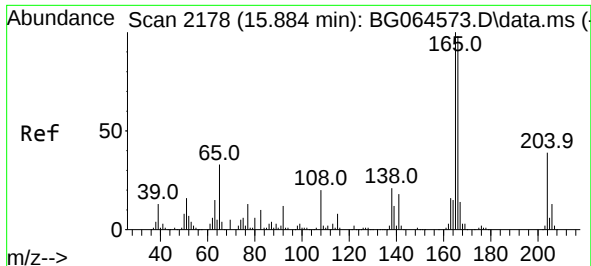
Tgt Ion:139 Resp: 149391
Ion Ratio Lower Upper
139 100
109 100.0 67.8 107.8
65 117.0 103.7 143.7



#57
2,4-Dinitrotoluene
Concen: 56.467 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:165 Resp: 133989
Ion Ratio Lower Upper
165 100
63 47.0 41.8 62.8
89 64.6 58.1 87.1
182 2.3 1.4 2.0#

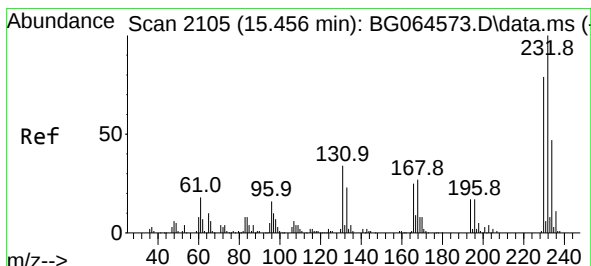
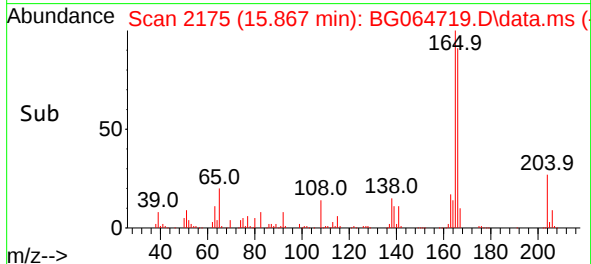
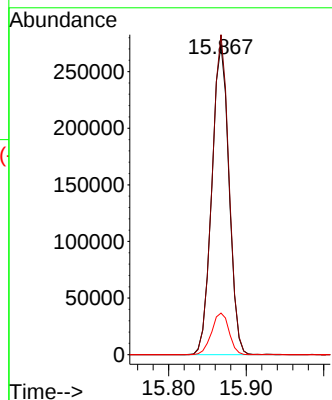
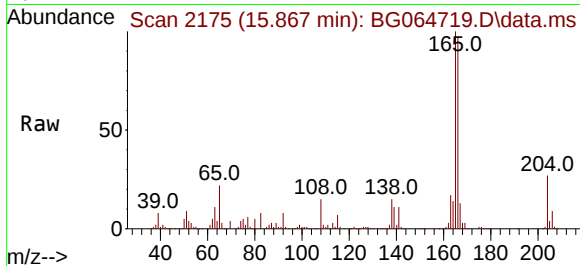




#58
Fluorene
Concen: 47.824 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

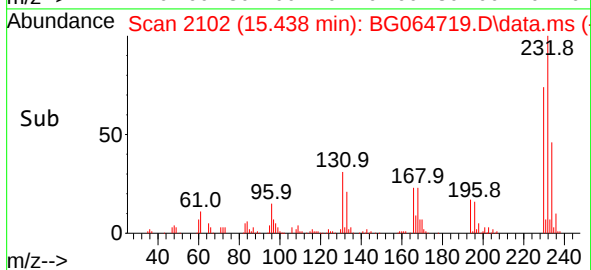
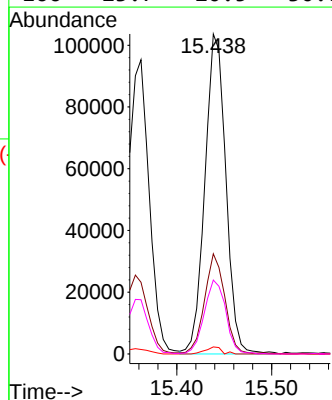
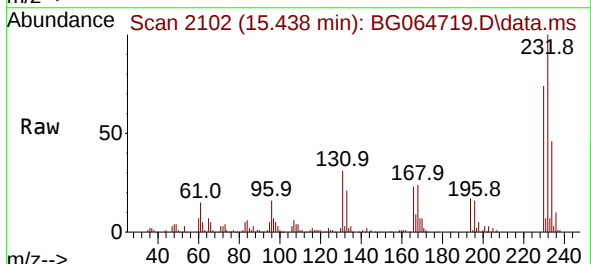
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

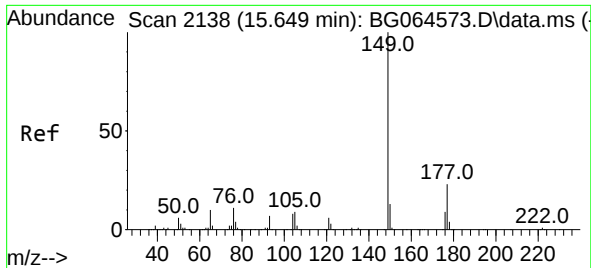
Tgt Ion:166 Resp: 420174
Ion Ratio Lower Upper
166 100
165 103.2 81.5 122.3
167 13.4 11.4 17.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 62.591 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

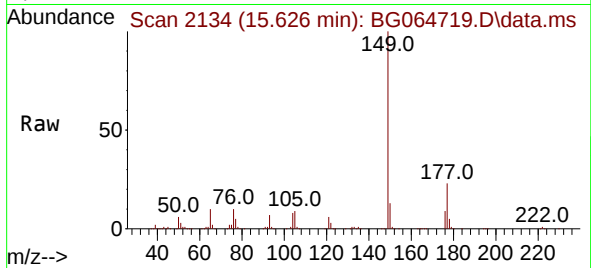
Tgt Ion:232 Resp: 159546
Ion Ratio Lower Upper
232 100
131 30.6 26.7 40.1
130 1.7 1.6 2.4
166 23.7 20.5 30.7



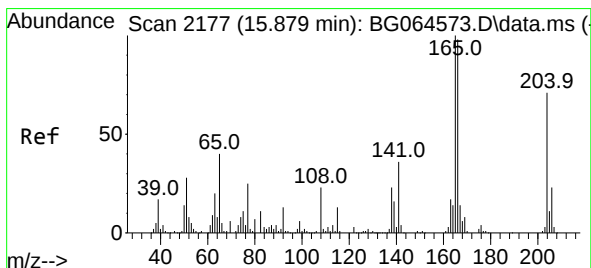
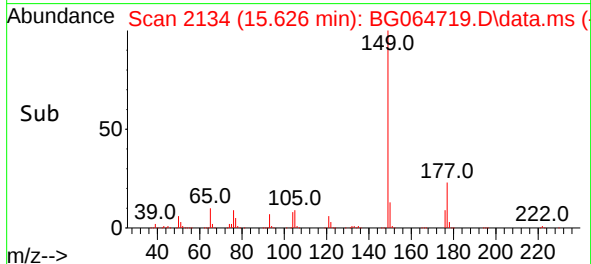
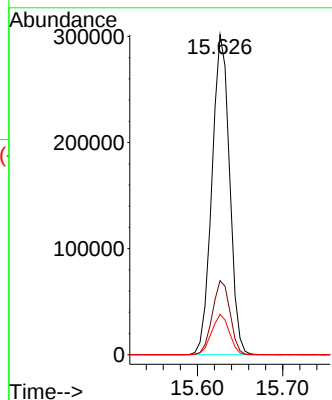


#60
Diethylphthalate
Concen: 45.995 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

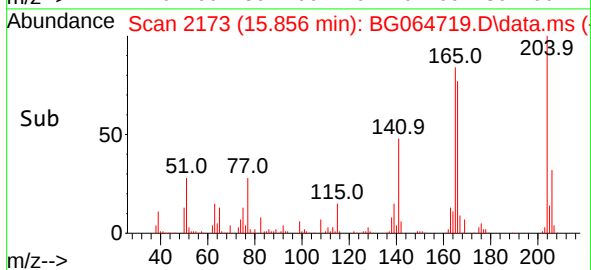
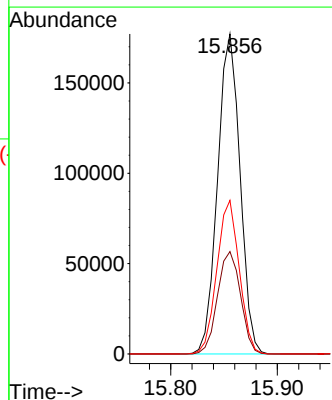
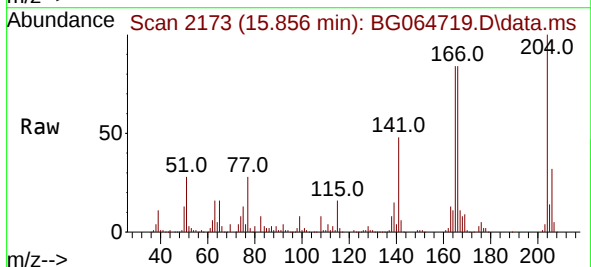


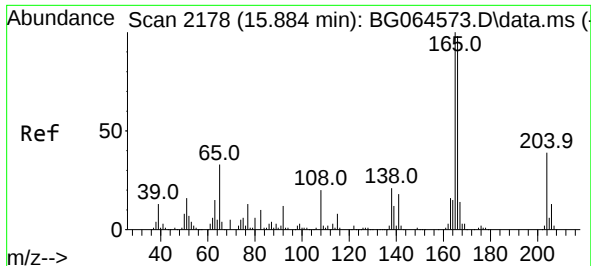
Tgt Ion:149 Resp: 432419
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.6 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 52.446 ng
RT: 15.856 min Scan# 2173
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:204 Resp: 258590
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 48.0 40.6 60.8

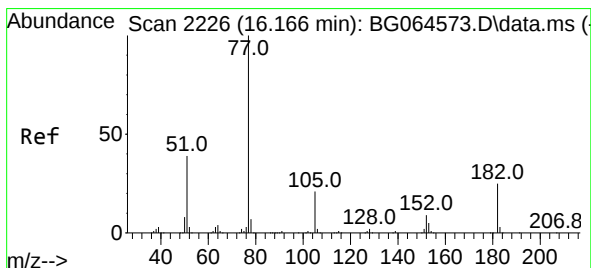
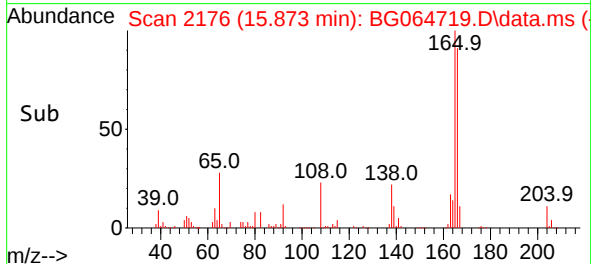
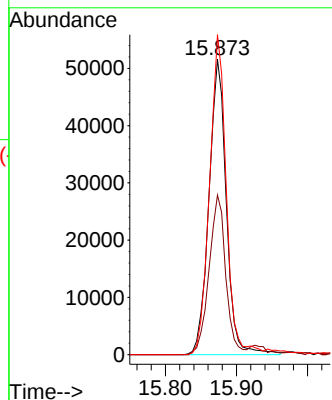
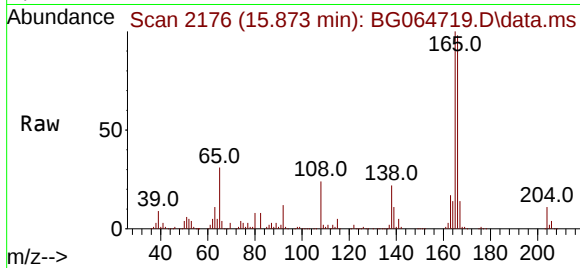




#62
4-Nitroaniline
Concen: 49.776 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

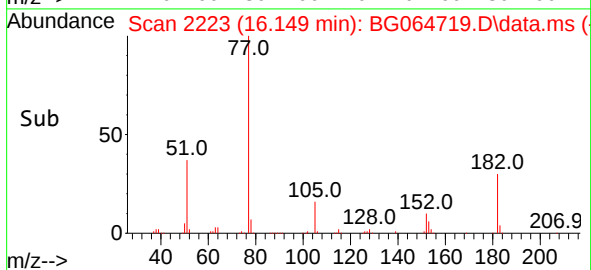
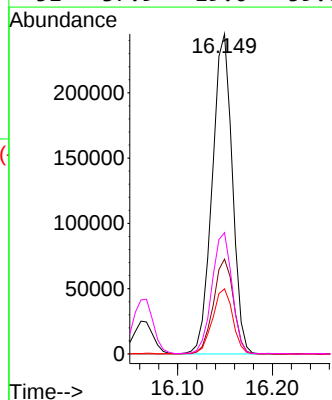
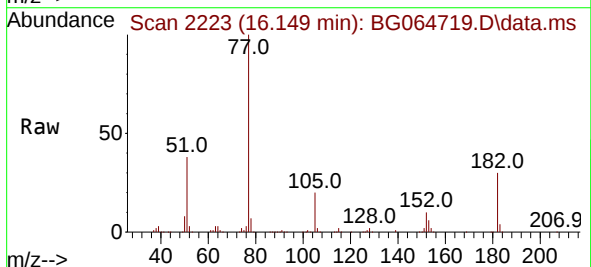
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

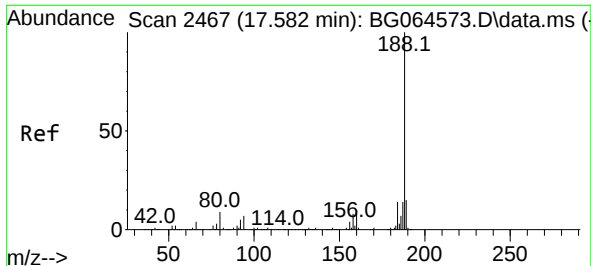
Tgt Ion:138 Resp: 87626
Ion Ratio Lower Upper
138 100
92 54.1 36.1 76.1
108 108.3 75.6 115.6



#63
Azobenzene
Concen: 41.738 ng
RT: 16.149 min Scan# 2223
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 77 Resp: 360037
Ion Ratio Lower Upper
77 100
182 29.6 4.9 44.9
105 20.3 1.3 41.3
51 37.9 19.0 59.0

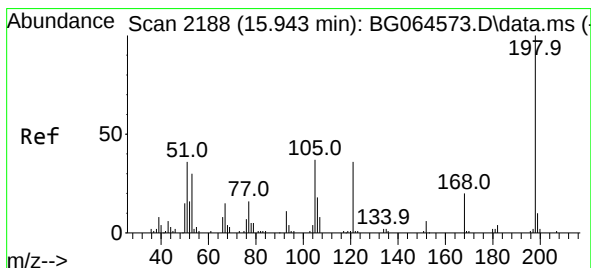
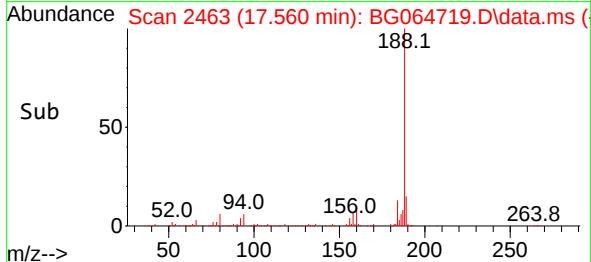
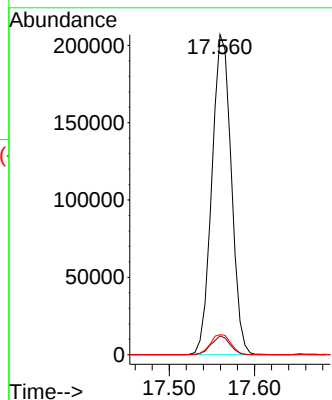
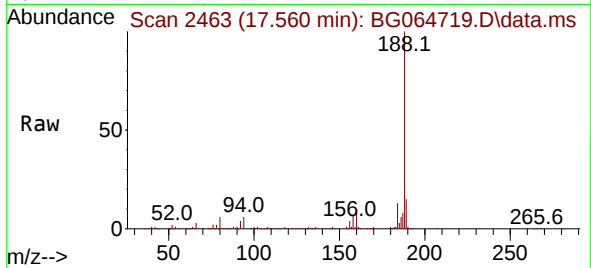




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

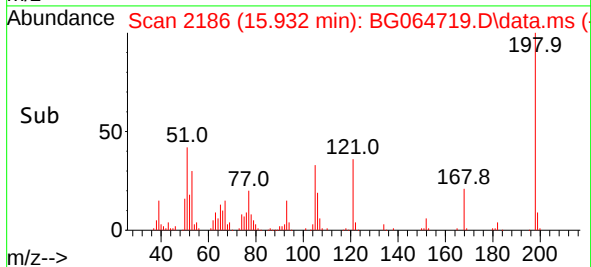
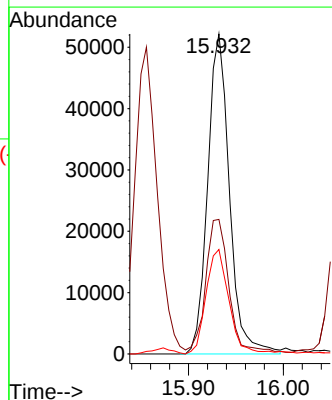
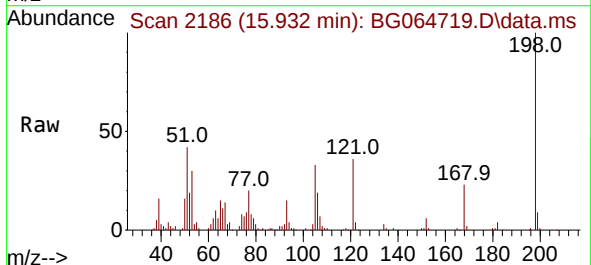
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

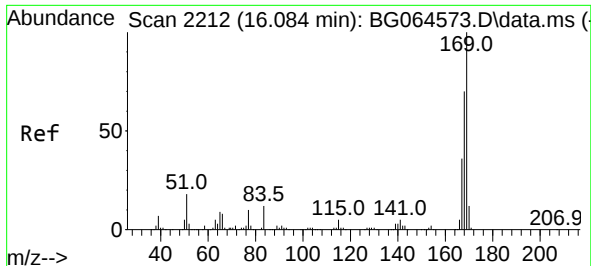
Tgt Ion:188 Resp: 326396
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 6.3 6.8 10.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 56.868 ng
RT: 15.932 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:198 Resp: 83300
Ion Ratio Lower Upper
198 100
51 42.1 24.7 64.7
105 32.6 18.0 58.0

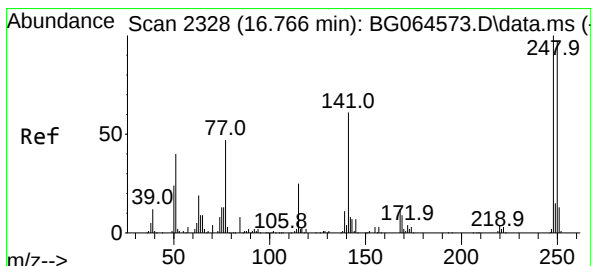
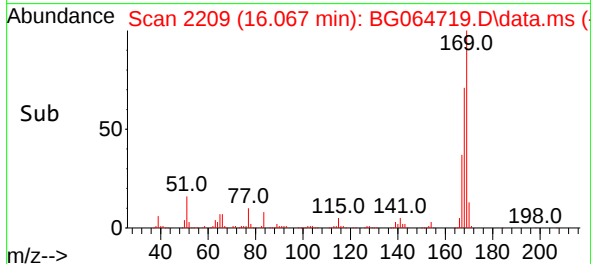
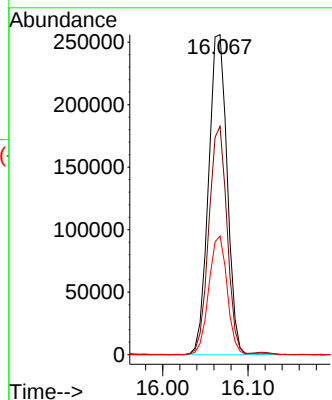
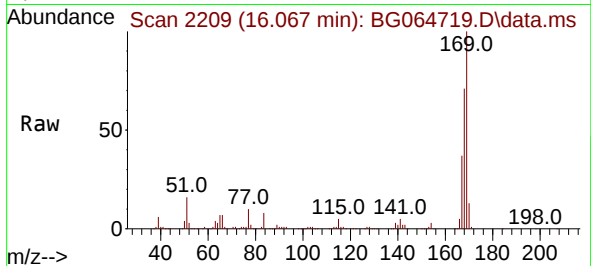




#66
 n-Nitrosodiphenylamine
 Concen: 44.196 ng
 RT: 16.067 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

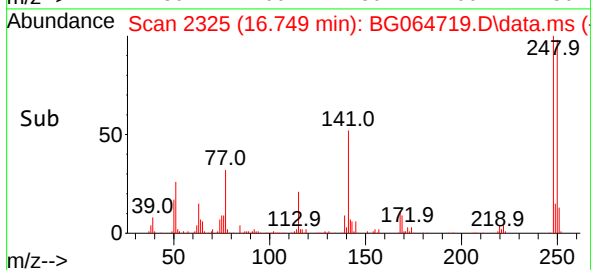
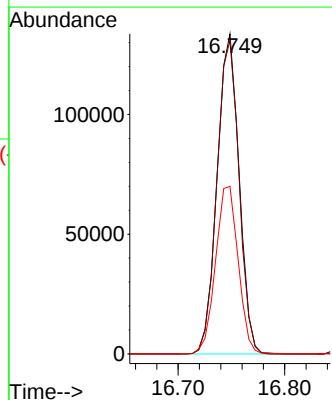
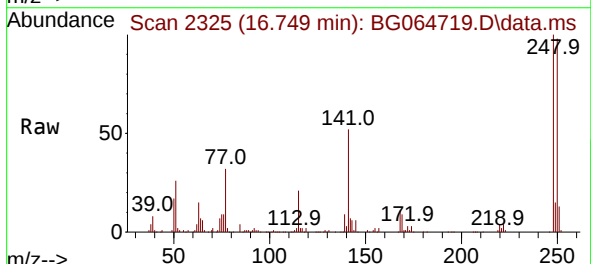
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

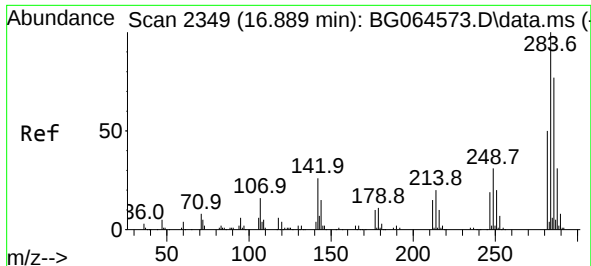
Tgt Ion:169 Resp: 389668
 Ion Ratio Lower Upper
 169 100
 168 71.4 56.3 84.5
 167 37.1 29.0 43.6



#67
 4-Bromophenyl-phenylether
 Concen: 49.363 ng
 RT: 16.749 min Scan# 2325
 Delta R.T. -0.017 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Tgt Ion:248 Resp: 190933
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.7 116.5
 141 52.4 48.6 72.8

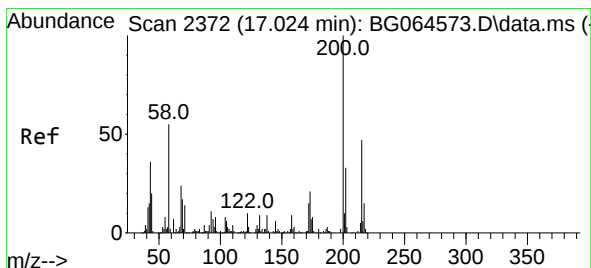
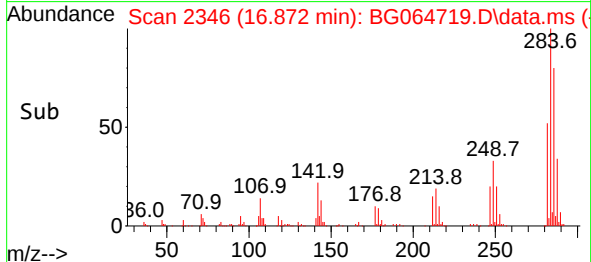
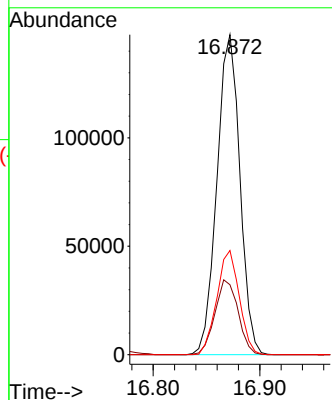
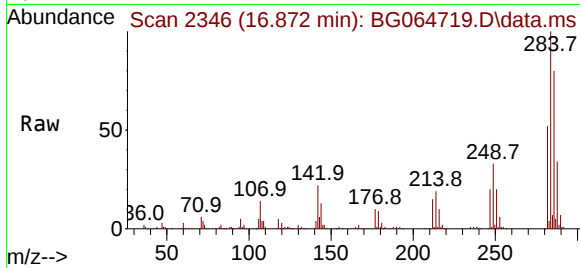




#68
Hexachlorobenzene
Concen: 49.960 ng
RT: 16.872 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

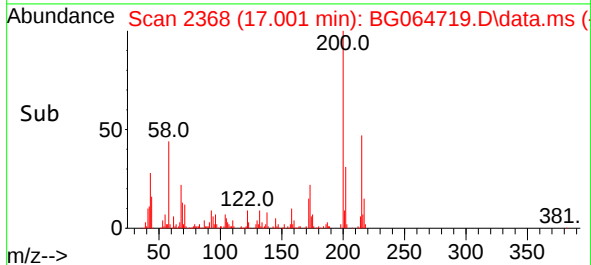
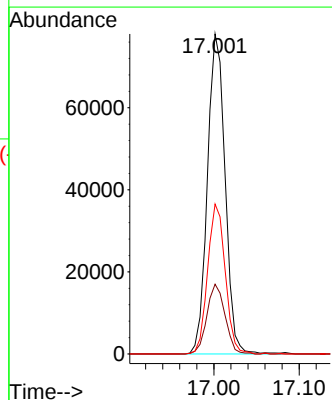
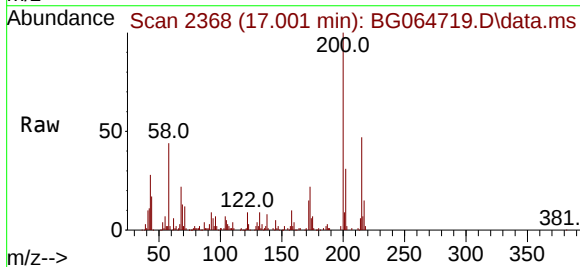
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

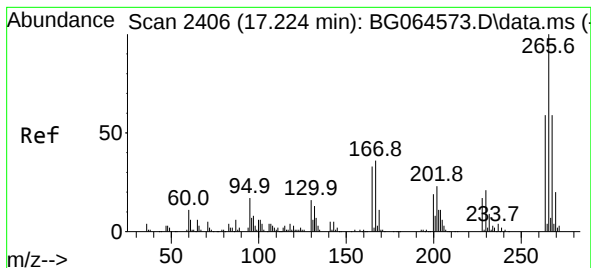
Tgt Ion:284 Resp: 220455
Ion Ratio Lower Upper
284 100
142 21.9 21.0 31.6
249 34.7 24.9 37.3



#69
Atrazine
Concen: 29.584 ng
RT: 17.001 min Scan# 2368
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:200 Resp: 112248
Ion Ratio Lower Upper
200 100
173 21.8 0.9 40.9
215 46.8 27.0 67.0





#70

Pentachlorophenol

Concen: 82.524 ng

RT: 17.207 min Scan# 2406

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

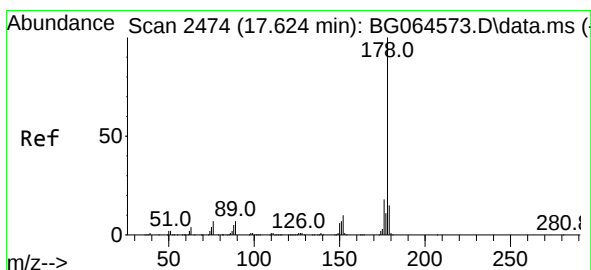
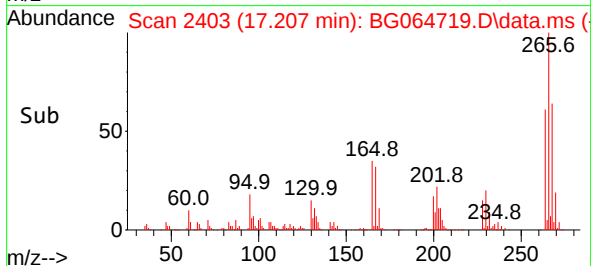
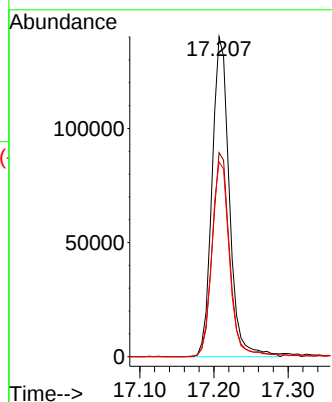
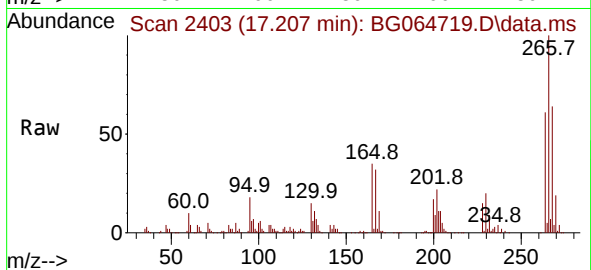
Tgt Ion:266 Resp: 227079

Ion Ratio Lower Upper

266 100

268 68.0 50.3 75.5

264 60.8 47.3 70.9



#71

Phenanthrene

Concen: 43.405 ng

RT: 17.607 min Scan# 2471

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

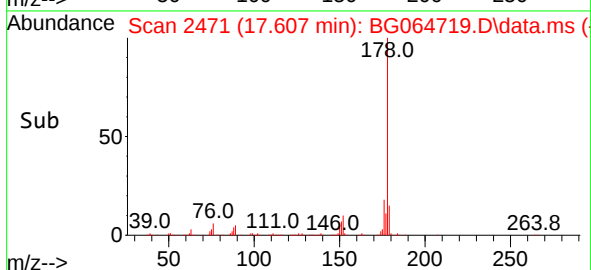
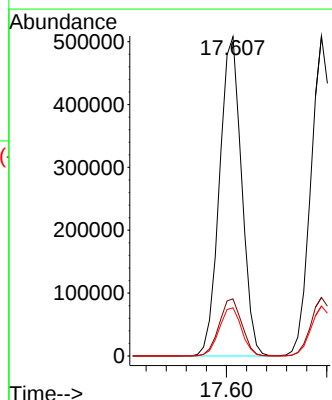
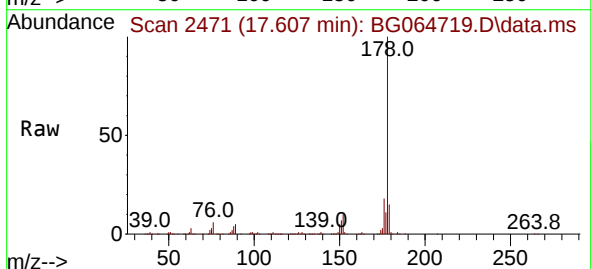
Tgt Ion:178 Resp: 774756

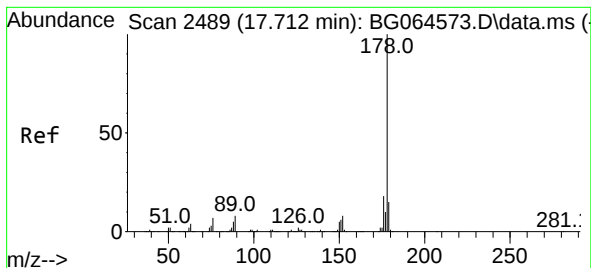
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.1 12.2 18.4





#72

Anthracene

Concen: 41.570 ng

RT: 17.695 min Scan# 2486

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

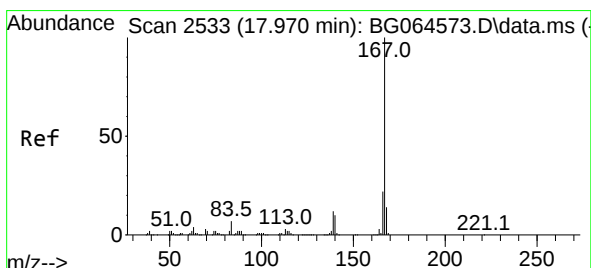
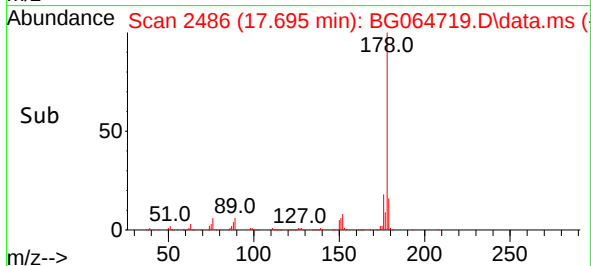
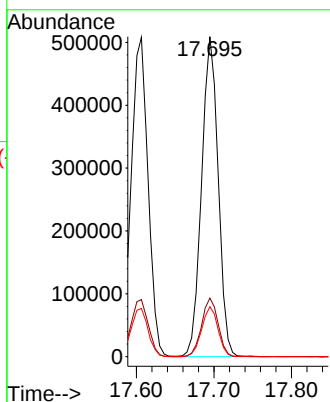
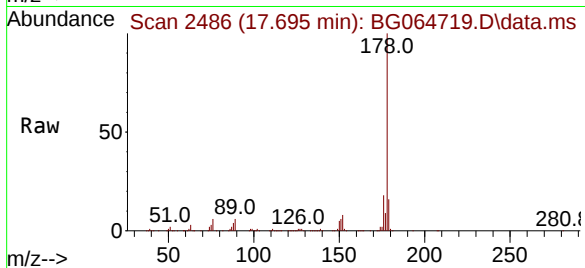
Tgt Ion:178 Resp: 754777

Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

179 15.6 12.4 18.6



#73

Carbazole

Concen: 41.352 ng

RT: 17.959 min Scan# 2531

Delta R.T. -0.011 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

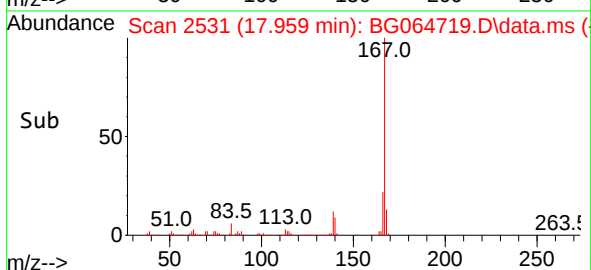
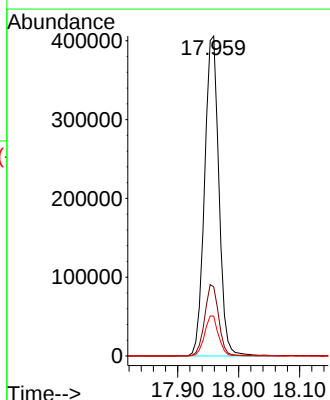
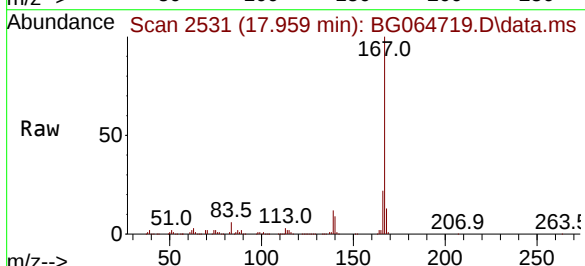
Tgt Ion:167 Resp: 662081

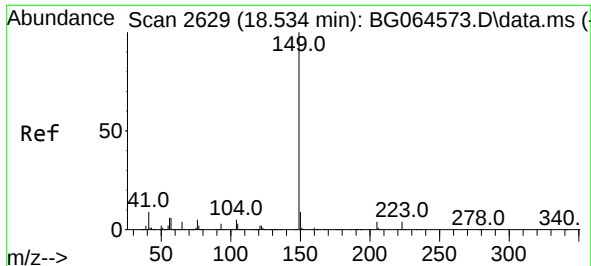
Ion Ratio Lower Upper

167 100

166 21.6 17.9 26.9

139 12.5 9.7 14.5

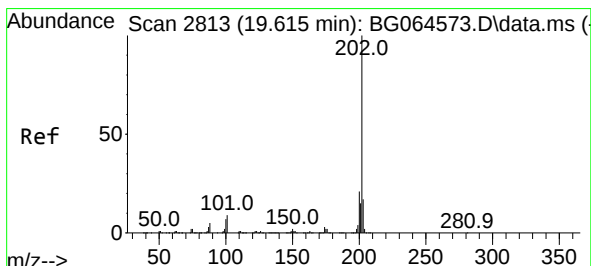
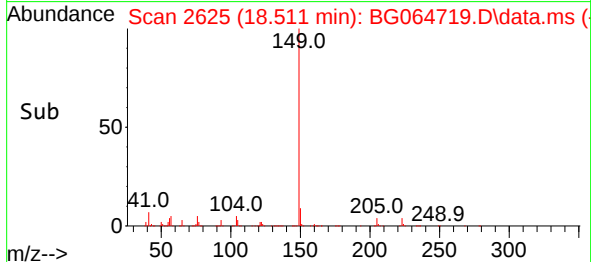
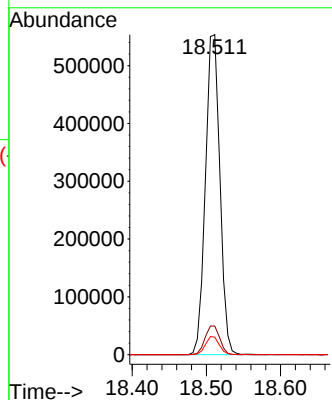
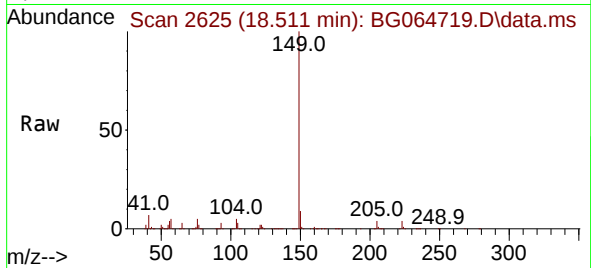




#74
Di-n-butylphthalate
Concen: 40.575 ng
RT: 18.511 min Scan# 20
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

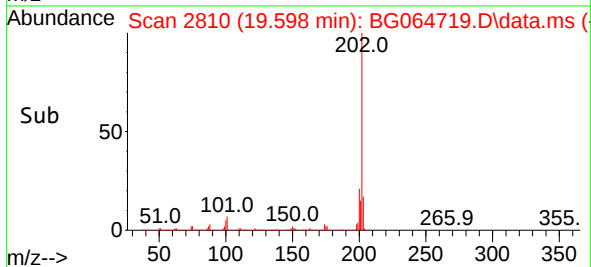
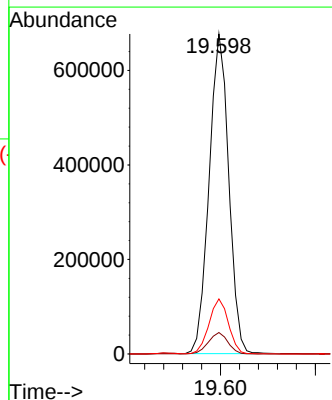
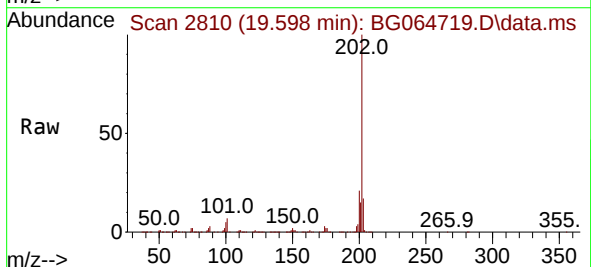
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

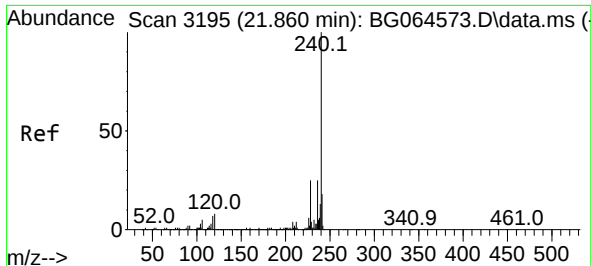
Tgt Ion:149 Resp: 751234
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 5.5 4.1 6.1



#75
Fluoranthene
Concen: 43.363 ng
RT: 19.598 min Scan# 2810
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:202 Resp: 969628
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.7
203 17.2 0.0 37.0

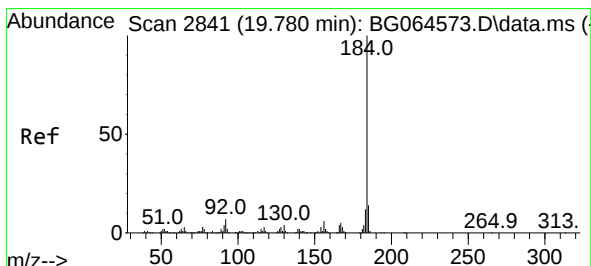
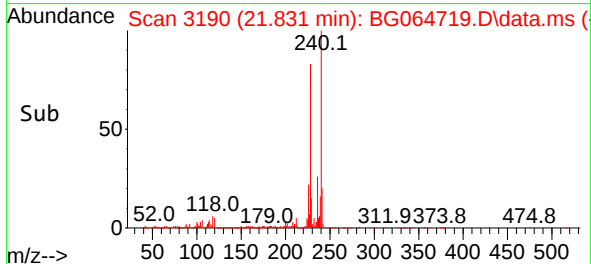
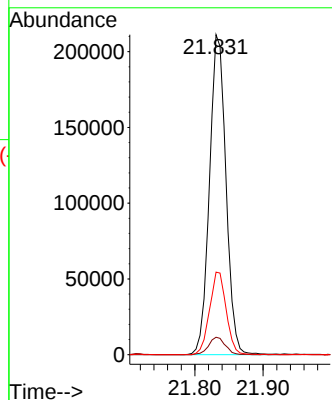
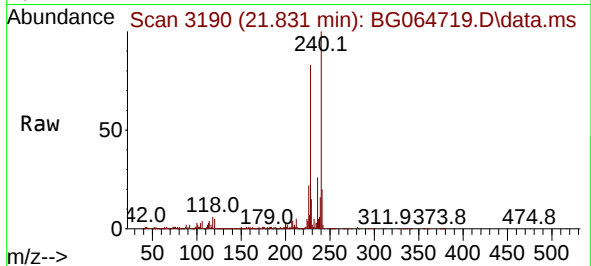




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

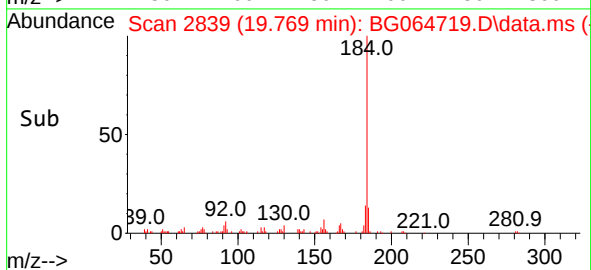
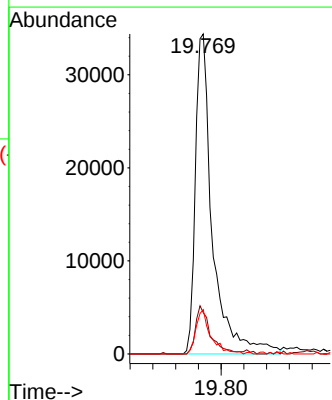
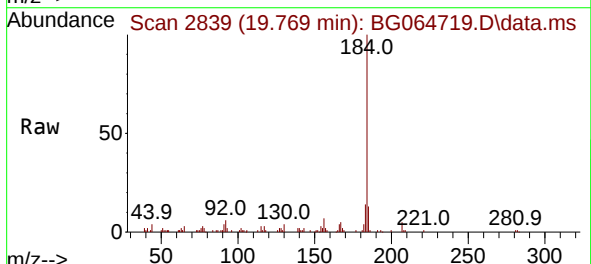
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

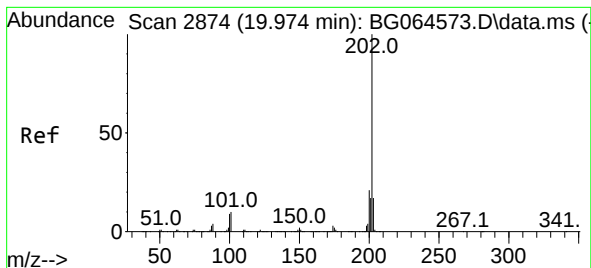
Tgt Ion:240 Resp: 355727
Ion Ratio Lower Upper
240 100
120 5.5 6.5 9.7#
236 25.8 20.2 30.2



#77
Benzidine
Concen: 9.009 ng
RT: 19.769 min Scan# 2839
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:184 Resp: 71796
Ion Ratio Lower Upper
184 100
185 12.9 11.4 17.2
183 13.9 9.4 14.2





#78

Pyrene

Concen: 43.122 ng

RT: 19.957 min Scan# 2

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

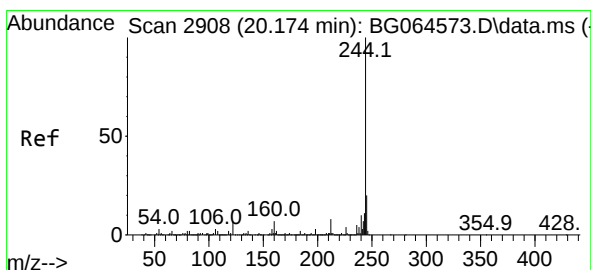
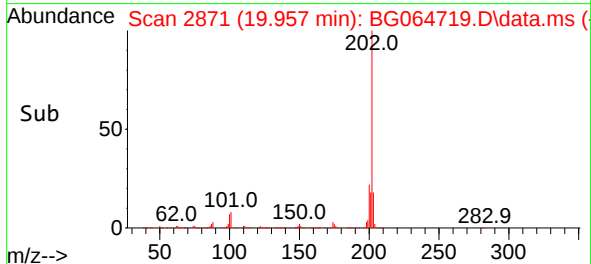
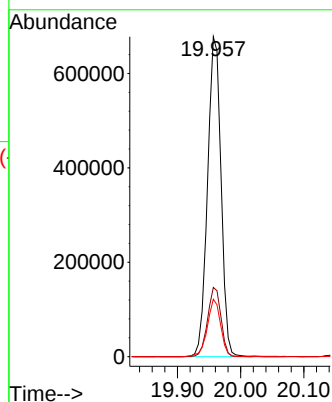
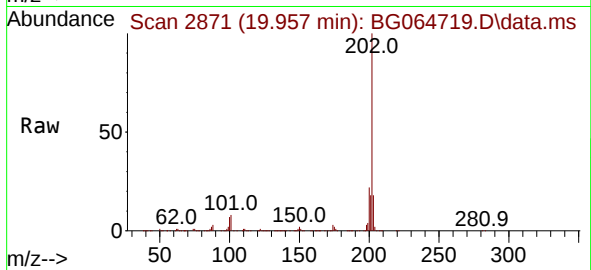
BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:202 Resp: 1002221

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.9	13.8	20.6



#79

Terphenyl-d14

Concen: 95.422 ng

RT: 20.151 min Scan# 2904

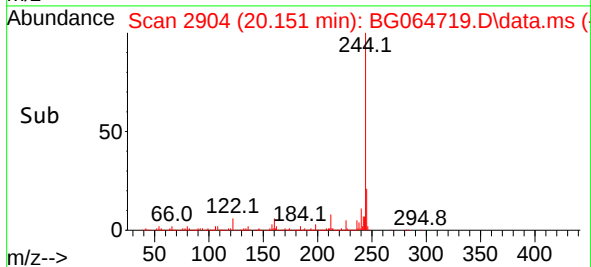
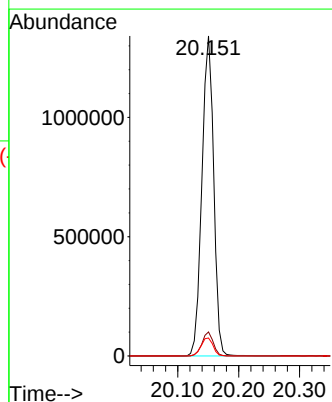
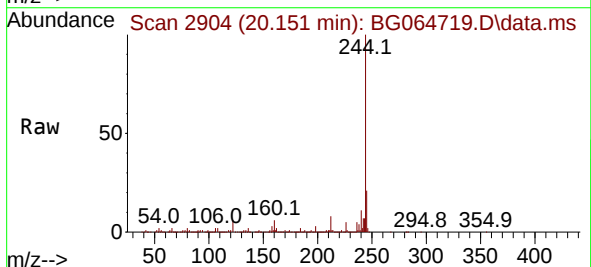
Delta R.T. -0.023 min

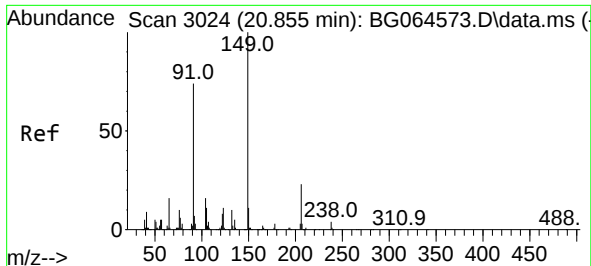
Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Tgt Ion:244 Resp: 1798681

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	5.6	5.6	8.4

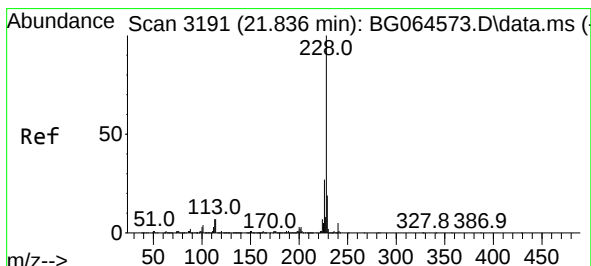
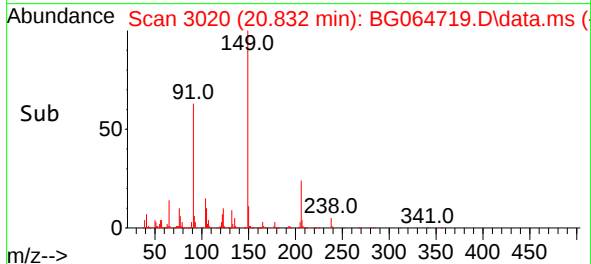
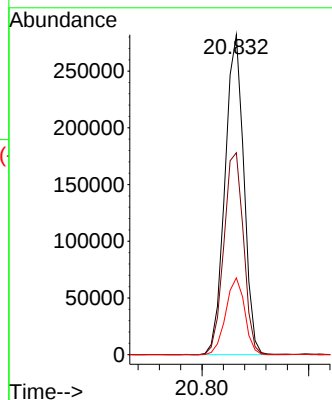
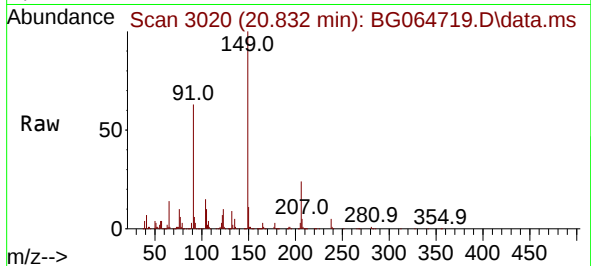




#80
 Butylbenzylphthalate
 Concen: 49.255 ng
 RT: 20.832 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

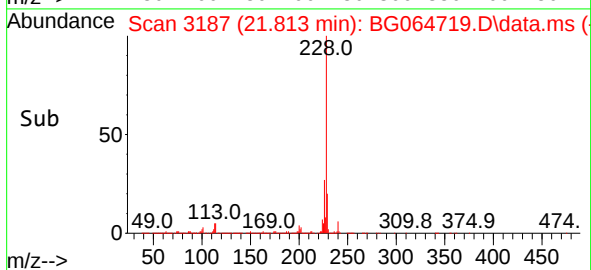
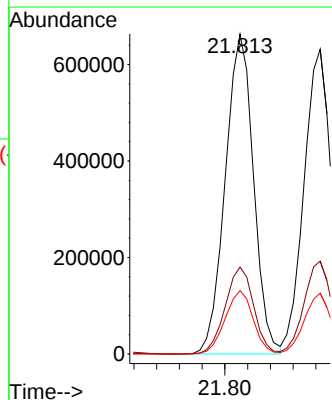
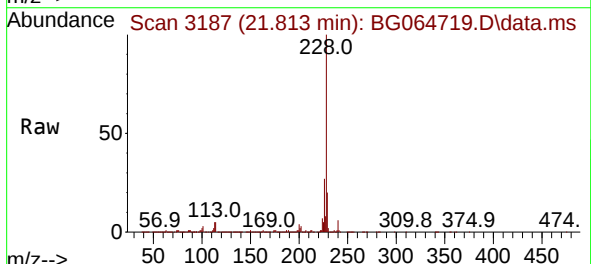
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

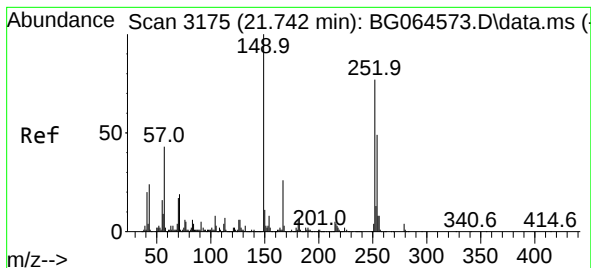
Tgt Ion:149 Resp: 345984
 Ion Ratio Lower Upper
 149 100
 91 63.1 59.2 88.8
 206 24.0 18.1 27.1



#81
 Benzo(a)anthracene
 Concen: 48.545 ng
 RT: 21.813 min Scan# 3187
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Tgt Ion:228 Resp: 1145021
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.9 32.9
 229 19.8 15.6 23.4

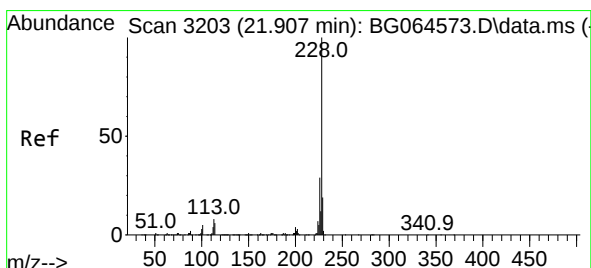
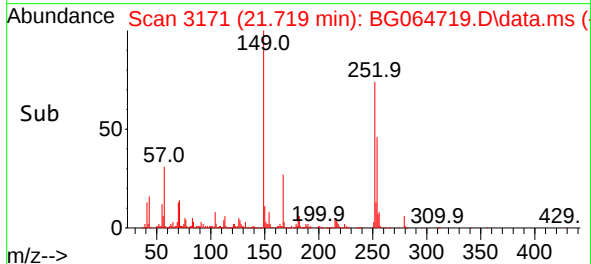
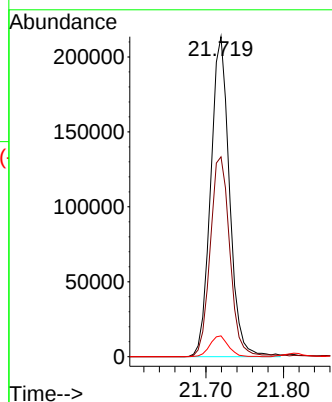
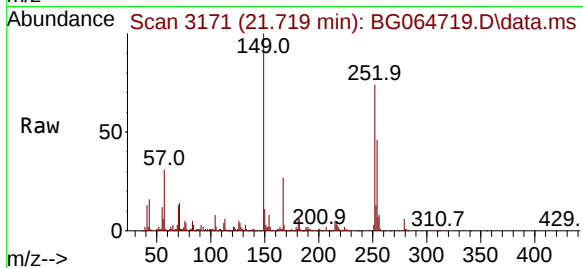




#82
 3,3'-Dichlorobenzidine
 Concen: 45.698 ng
 RT: 21.719 min Scan# 3171
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

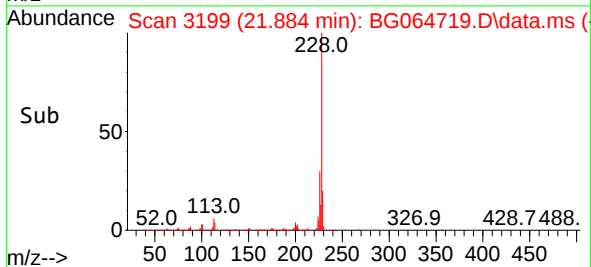
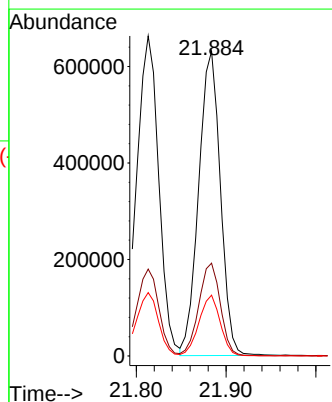
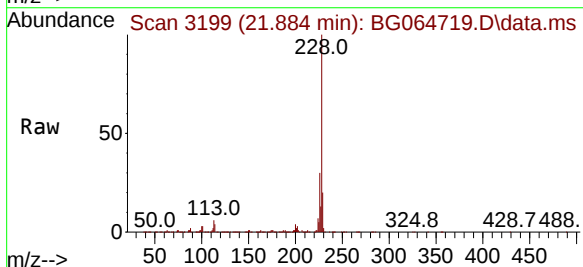
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

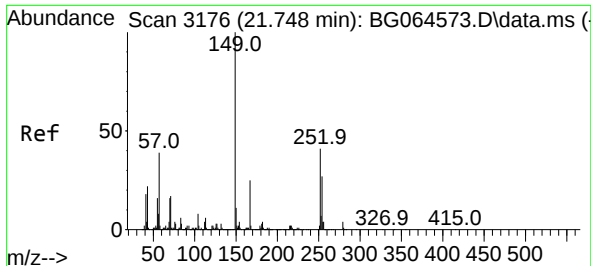
Tgt Ion:252 Resp: 359930
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.8 76.2
 126 6.5 5.8 8.6



#83
 Chrysene
 Concen: 47.196 ng
 RT: 21.884 min Scan# 3199
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Tgt Ion:228 Resp: 1059232
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.3 34.9
 229 19.9 15.2 22.8

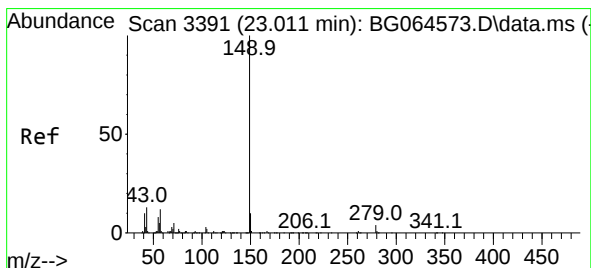
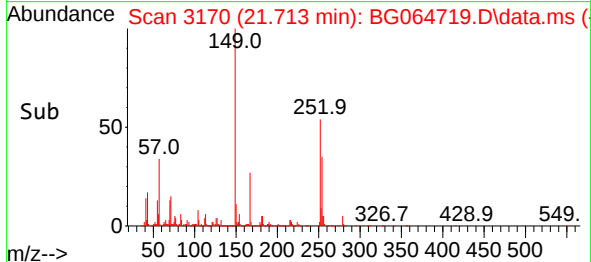
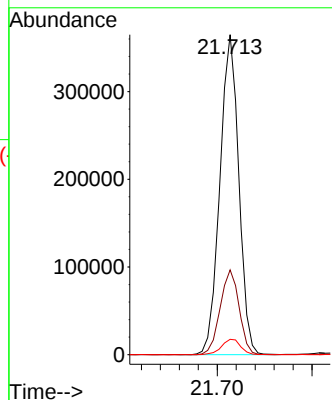
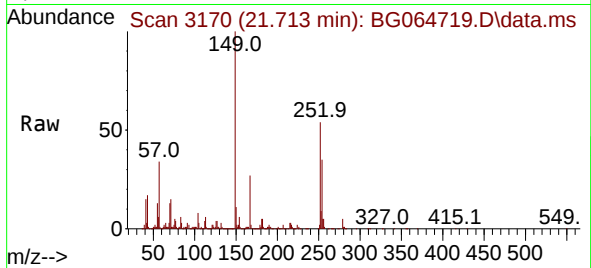




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.149 ng
 RT: 21.713 min Scan# 3176
 Delta R.T. -0.035 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

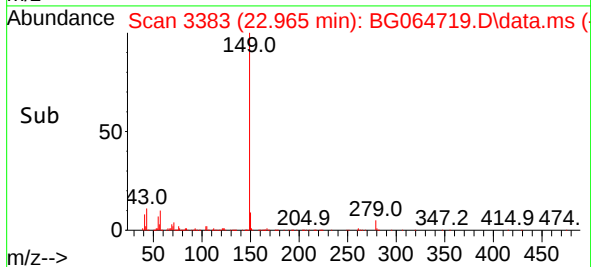
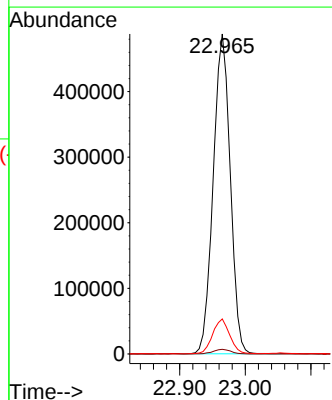
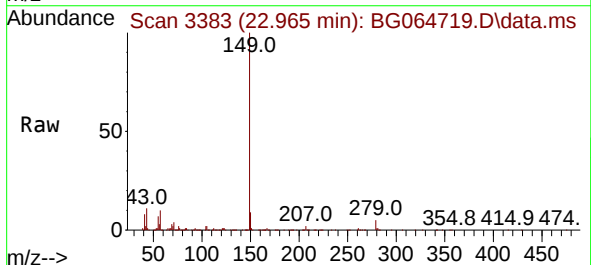
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

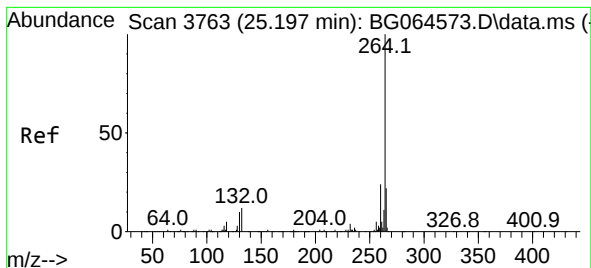
Tgt Ion:149 Resp: 505380
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.0 30.0
 279 4.8 3.1 4.7#



#85
 Di-n-octyl phthalate
 Concen: 49.583 ng
 RT: 22.965 min Scan# 3383
 Delta R.T. -0.046 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Tgt Ion:149 Resp: 877431
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.0 10.8 16.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.162 min Scan# 31

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

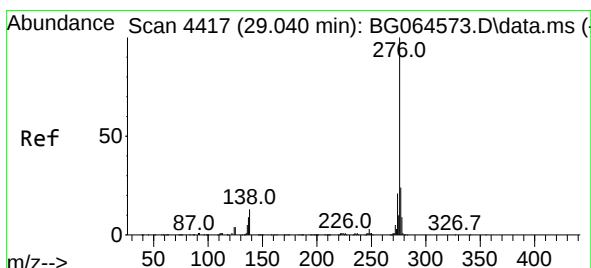
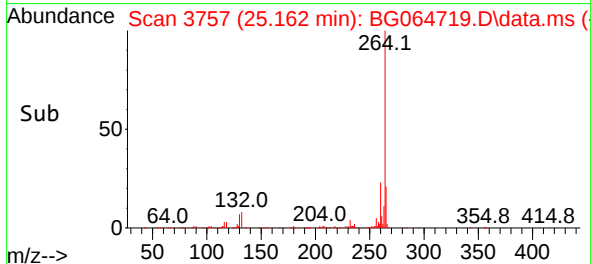
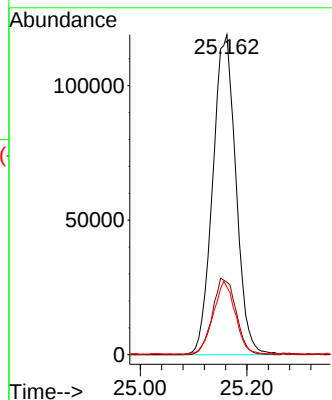
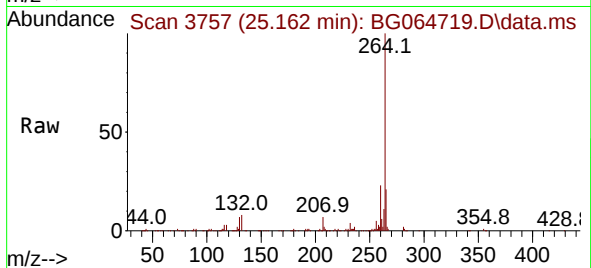
Tgt Ion:264 Resp: 359174

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 21.1 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 52.878 ng

RT: 28.976 min Scan# 4406

Delta R.T. -0.064 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

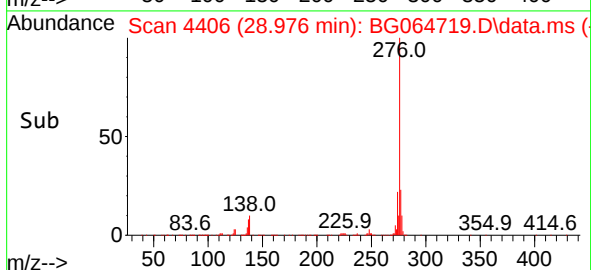
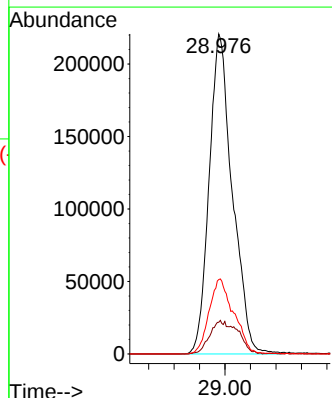
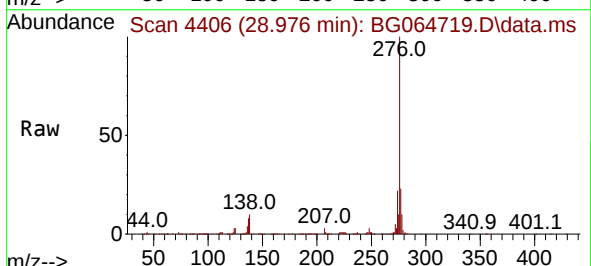
Tgt Ion:276 Resp: 1397154

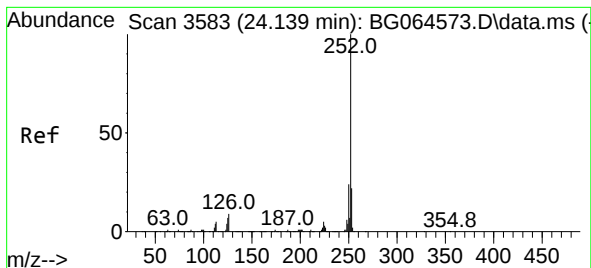
Ion Ratio Lower Upper

276 100

138 12.6 10.8 16.2

277 24.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 55.685 ng

RT: 24.105 min Scan# 3

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

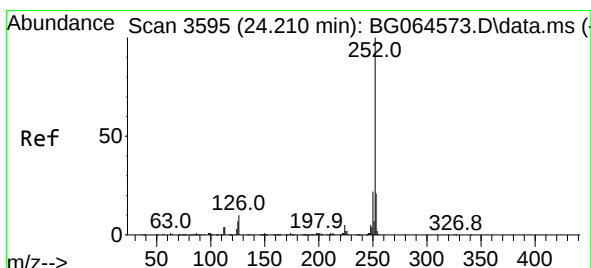
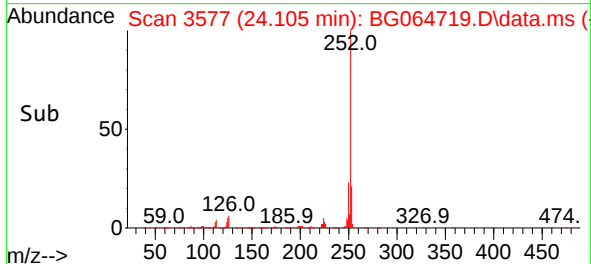
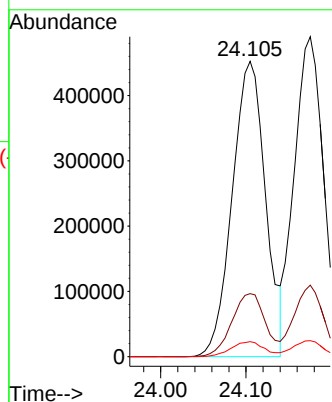
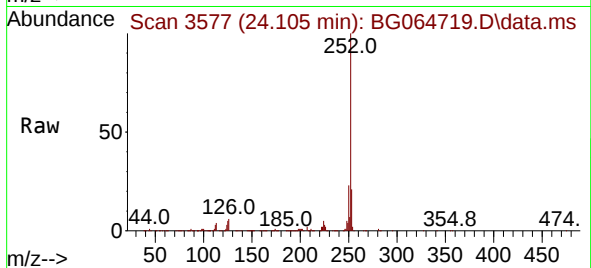
Tgt Ion:252 Resp: 1226427

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 5.1 5.6 8.4#



#89

Benzo(k)fluoranthene

Concen: 53.021 ng

RT: 24.175 min Scan# 3589

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

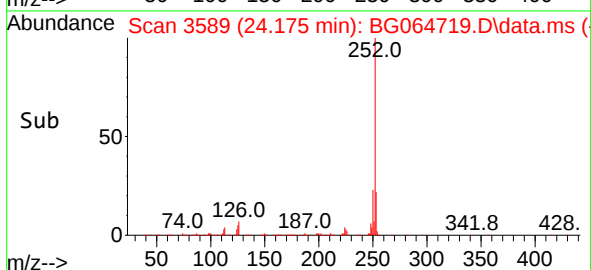
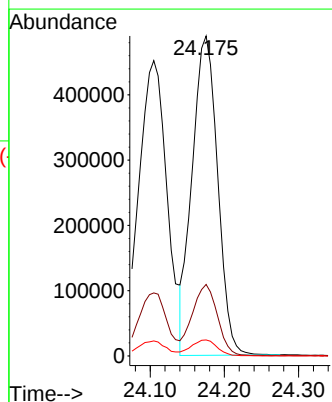
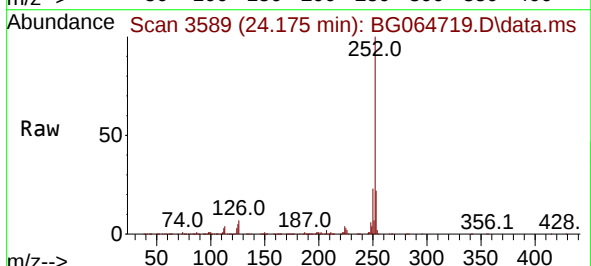
Tgt Ion:252 Resp: 1168573

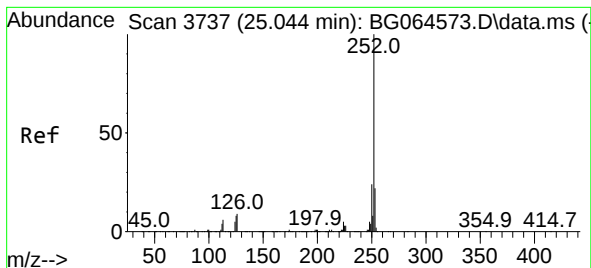
Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

125 5.0 5.4 8.0#





#90

Benzo(a)pyrene

Concen: 50.567 ng

RT: 25.010 min Scan# 31

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

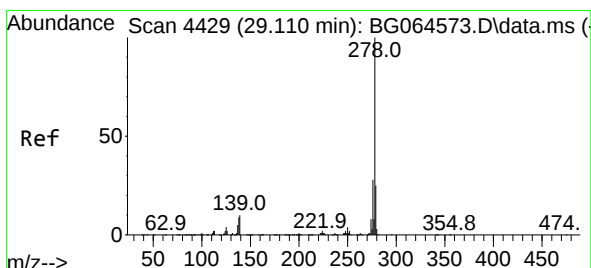
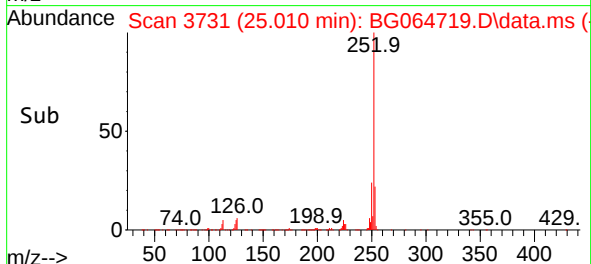
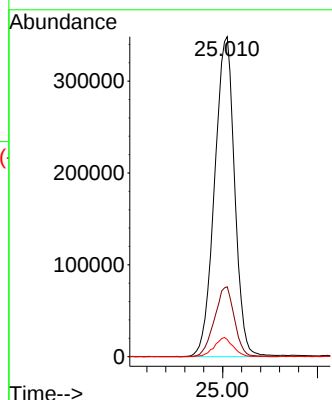
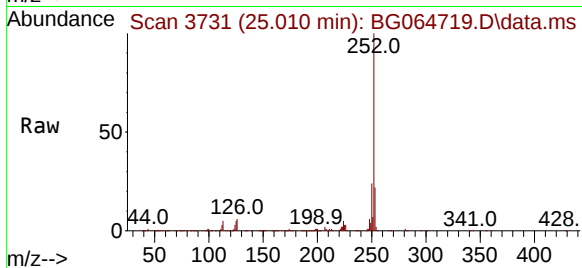
Tgt Ion:252 Resp: 1023739

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 5.4 6.1 9.1#



#91

Dibenzo(a,h)anthracene

Concen: 55.188 ng

RT: 29.046 min Scan# 4418

Delta R.T. -0.064 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

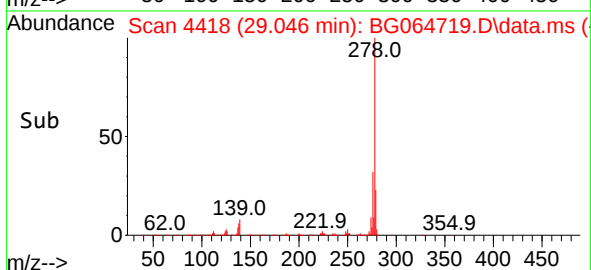
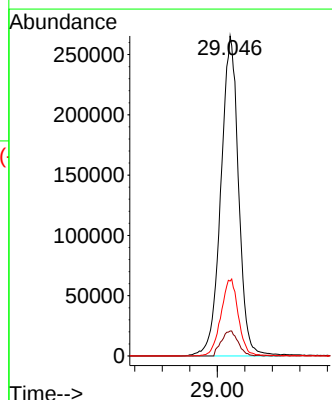
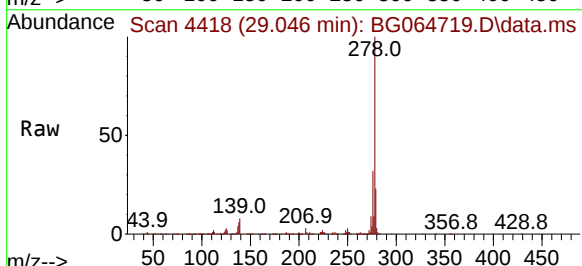
Tgt Ion:278 Resp: 1184674

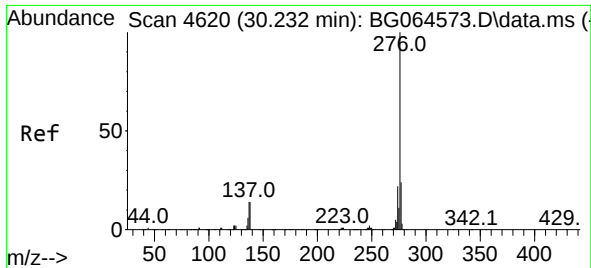
Ion Ratio Lower Upper

278 100

139 7.8 8.0 12.0#

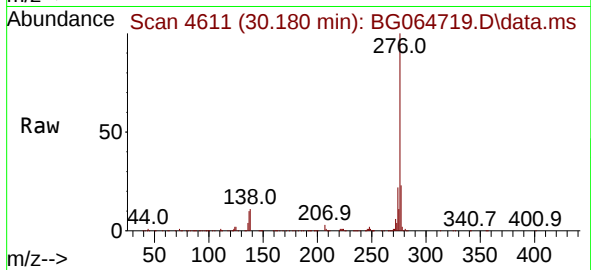
279 23.4 19.8 29.6





#92
Benzo(g,h,i)perylene
Concen: 55.769 ng
RT: 30.180 min Scan# 4611
Delta R.T. -0.052 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:276 Resp: 1143584
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 10.6 11.3 16.9#

