

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064715.D
 Acq On : 7 Nov 2025 13:12
 Operator : RC/JU
 Sample : PB170428BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170428BS

Quant Time: Nov 07 13:47:39 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	8.199	152	30295	20.000	ng	-0.02
21) Naphthalene-d8	11.025	136	115732	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	96432	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	237705	20.000	ng	#-0.02
76) Chrysene-d12	21.830	240	291572	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	328588	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	265312	146.996	ng	-0.02
7) Phenol-d6	7.347	99	343364	138.639	ng	0.00
23) Nitrobenzene-d5	9.368	82	230742	119.751	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	276794	198.874	ng	-0.02
45) 2-Fluorobiphenyl	13.452	172	644717	101.338	ng	-0.02
79) Terphenyl-d14	20.150	244	1526841	98.823	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.558	88	27371	34.253	ng	96
3) Pyridine	3.975	79	76490	31.876	ng	97
4) n-Nitrosodimethylamine	3.881	42	51604	40.101	ng	98
6) Aniline	7.512	93	96744	28.706	ng	99
8) 2-Chlorophenol	7.759	128	99666	52.757	ng	96
9) Benzaldehyde	7.324	77	57939	42.851	ng	95
10) Phenol	7.371	94	125562	45.842	ng	93
11) bis(2-Chloroethyl)ether	7.606	93	84571	41.996	ng	93
12) 1,3-Dichlorobenzene	8.088	146	105407	48.477	ng	96
13) 1,4-Dichlorobenzene	8.235	146	110990	50.201	ng	93
14) 1,2-Dichlorobenzene	8.558	146	106189	49.796	ng	99
15) Benzyl Alcohol	8.434	79	97089	47.538	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.722	45	218087	41.286	ng	99
17) 2-Methylphenol	8.634	107	89667	49.307	ng	97
18) Hexachloroethane	9.304	117	39855	51.368	ng	91
19) n-Nitroso-di-n-propyla...	9.004	70	75151	43.906	ng	99
20) 3+4-Methylphenols	8.963	107	122790	48.013	ng	93
22) Acetophenone	9.022	105	152425	48.180	ng	# 94
24) Nitrobenzene	9.410	77	116846	55.754	ng	94
25) Isophorone	9.938	82	209000	45.203	ng	100
26) 2-Nitrophenol	10.126	139	54286	65.886	ng	# 93
27) 2,4-Dimethylphenol	10.179	122	97742	56.832	ng	97
28) bis(2-Chloroethoxy)met...	10.414	93	118880	45.158	ng	99
29) 2,4-Dichlorophenol	10.667	162	108554	58.650	ng	94
30) 1,2,4-Trichlorobenzene	10.884	180	125817	59.828	ng	100
31) Naphthalene	11.078	128	317572	49.492	ng	99
32) Benzoic acid	10.303	122	56096	43.465	ng	97
33) 4-Chloroaniline	11.172	127	51953	20.831	ng	98
34) Hexachlorobutadiene	11.366	225	99534	60.520	ng	96
35) Caprolactam	11.942	113	18954	26.700	ng	# 85
36) 4-Chloro-3-methylphenol	12.283	107	116768	52.485	ng	95
37) 2-Methylnaphthalene	12.671	142	215716	45.790	ng	98
38) 1-Methylnaphthalene	12.888	142	227896	48.866	ng	96
40) 1,2,4,5-Tetrachloroben...	13.035	216	177149	54.738	ng	98
41) Hexachlorocyclopentadiene	13.017	237	240573	165.150	ng	100
43) 2,4,6-Trichlorophenol	13.264	196	111341	60.145	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064715.D
 Acq On : 7 Nov 2025 13:12
 Operator : RC/JU
 Sample : PB170428BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

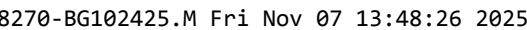
Instrument :
 BNA_G
 ClientSampleId :
 PB170428BS

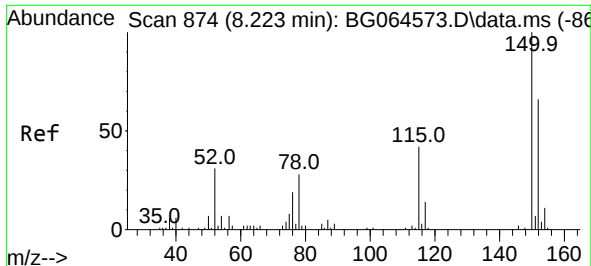
Quant Time: Nov 07 13:47:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	124701	58.373	ng	97
46) 1,1'-Biphenyl	13.663	154	338338	49.352	ng	97
47) 2-Chloronaphthalene	13.710	162	260464	50.333	ng	97
48) 2-Nitroaniline	13.898	65	90585	51.865	ng	95
49) Acenaphthylene	14.551	152	452686	55.460	ng	98
50) Dimethylphthalate	14.269	163	361849	49.038	ng	100
51) 2,6-Dinitrotoluene	14.386	165	74955	60.660	ng	89
52) Acenaphthene	14.891	154	292078	52.375	ng	100
53) 3-Nitroaniline	14.715	138	44451	35.053	ng #	97
54) 2,4-Dinitrophenol	14.921	184	69646	92.299	ng #	32
55) Dibenzofuran	15.220	168	444182	49.267	ng	99
56) 4-Nitrophenol	15.009	139	115321	98.085	ng	91
57) 2,4-Dinitrotoluene	15.168	165	111145	58.339	ng	91
58) Fluorene	15.867	166	349152	49.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	131478	64.361	ng	96
60) Diethylphthalate	15.626	149	354546	47.057	ng	98
61) 4-Chlorophenyl-phenyle...	15.855	204	206204	52.185	ng	97
62) 4-Nitroaniline	15.873	138	75031	53.184	ng	91
63) Azobenzene	16.149	77	305164	44.144	ng	97
65) 4,6-Dinitro-2-methylph...	15.931	198	66187	61.550	ng	92
66) n-Nitrosodiphenylamine	16.067	169	321854	50.125	ng	99
67) 4-Bromophenyl-phenylether	16.748	248	157853	56.038	ng	95
68) Hexachlorobenzene	16.871	284	186130	57.919	ng	95
69) Atrazine	17.007	200	149568	54.128	ng	94
70) Pentachlorophenol	17.206	266	187411	93.520	ng	88
71) Phenanthrene	17.606	178	643748	49.522	ng	99
72) Anthracene	17.694	178	657481	49.722	ng	99
73) Carbazole	17.953	167	562395	48.231	ng	99
74) Di-n-butylphthalate	18.511	149	632564	46.913	ng	99
75) Fluoranthene	19.598	202	836890	51.392	ng	97
77) Benzidine	19.768	184	270431	41.398	ng	99
78) Pyrene	19.956	202	861239	45.210	ng	100
80) Butylbenzylphthalate	20.832	149	292697	50.837	ng	92
81) Benzo(a)anthracene	21.813	228	991295	51.275	ng	100
82) 3,3'-Dichlorobenzidine	21.719	252	205739	31.869	ng	97
83) Chrysene	21.877	228	911665	49.559	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	425651	49.476	ng #	97
85) Di-n-octyl phthalate	22.964	149	742088	51.162	ng	94
87) Indeno(1,2,3-cd)pyrene	28.969	276	1255164	51.926	ng #	92
88) Benzo(b)fluoranthene	24.104	252	1005265	49.892	ng #	98
89) Benzo(k)fluoranthene	24.169	252	1049071	52.030	ng #	97
90) Benzo(a)pyrene	25.003	252	978884	52.852	ng #	98
91) Dibenzo(a,h)anthracene	29.045	278	1022149	52.050	ng #	97
92) Benzo(g,h,i)perylene	30.168	276	988499	52.693	ng #	96

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

Quant Time: Nov 07 13:47:39 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

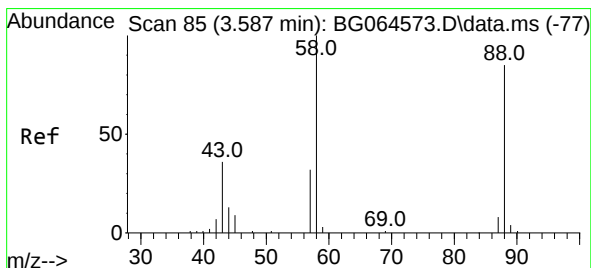
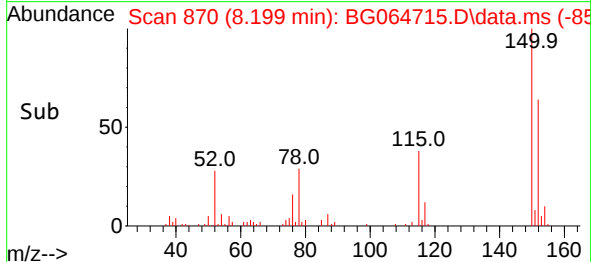
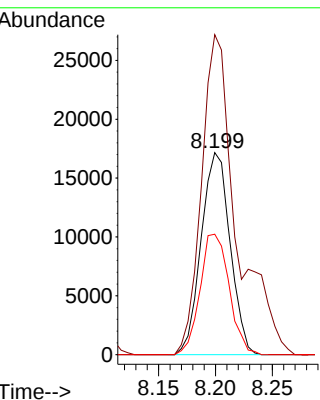
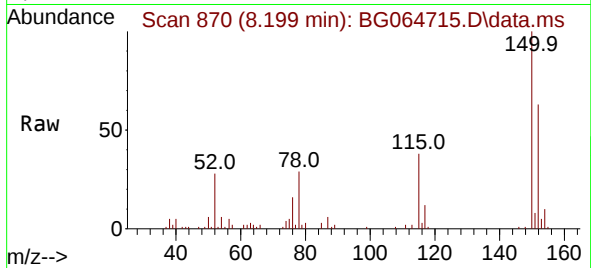




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

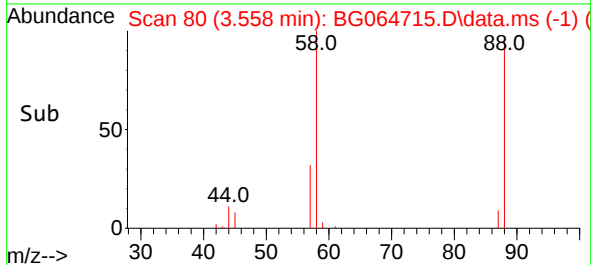
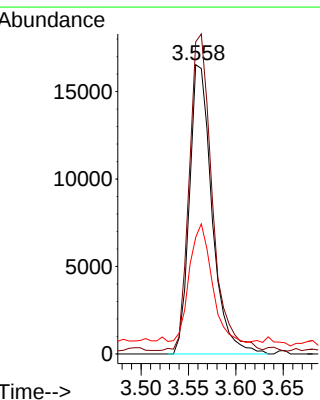
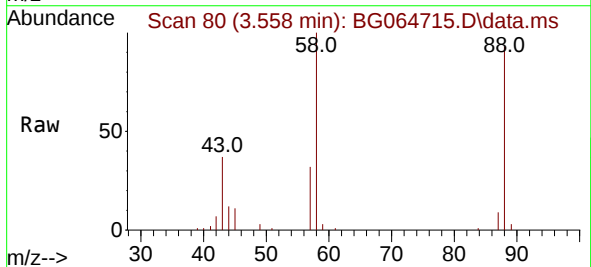
Instrument :
BNA_G
ClientSampleId :
PB170428BS

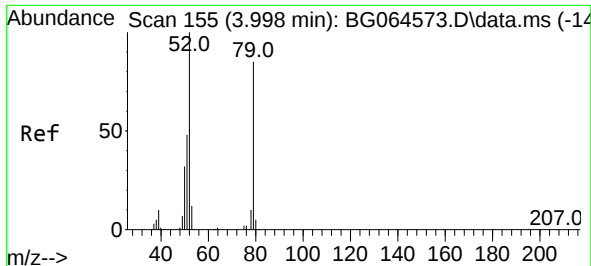
Tgt Ion:152 Resp: 30295
Ion Ratio Lower Upper
152 100
150 158.3 122.2 183.4
115 59.6 50.8 76.2



#2
1,4-Dioxane
Concen: 34.253 ng
RT: 3.558 min Scan# 80
Delta R.T. -0.029 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

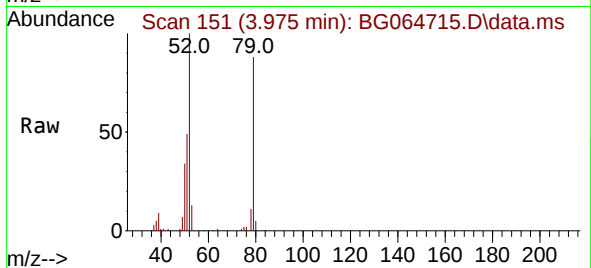
Tgt Ion: 88 Resp: 27371
Ion Ratio Lower Upper
88 100
58 110.5 92.4 138.6
43 41.9 33.0 49.6



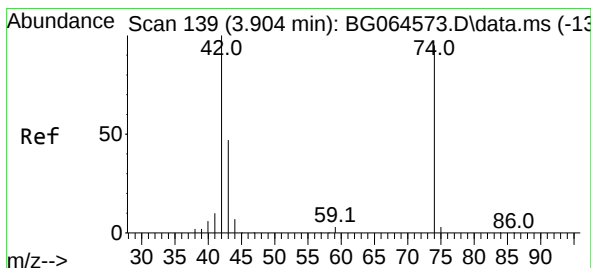
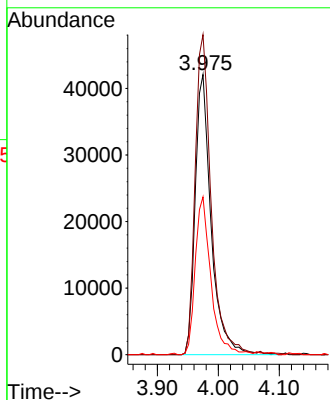
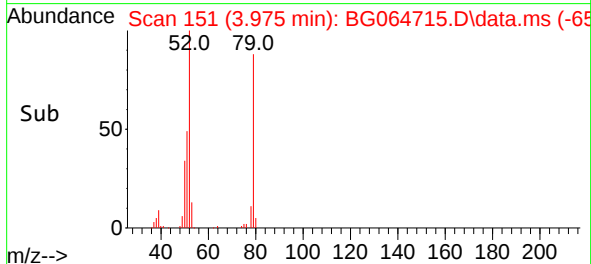


#3
Pyridine
Concen: 31.876 ng
RT: 3.975 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

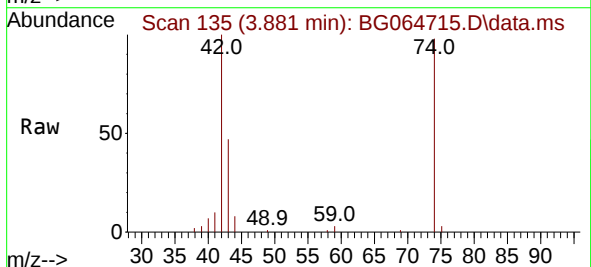
Instrument :
BNA_G
ClientSampleId :
PB170428BS



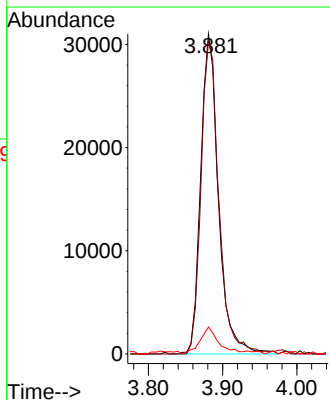
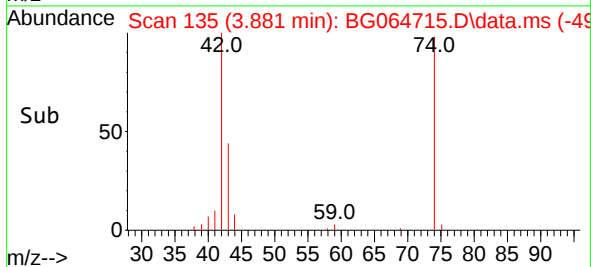
Tgt Ion: 79 Resp: 76490
Ion Ratio Lower Upper
79 100
52 114.2 94.2 141.2
51 56.3 46.1 69.1

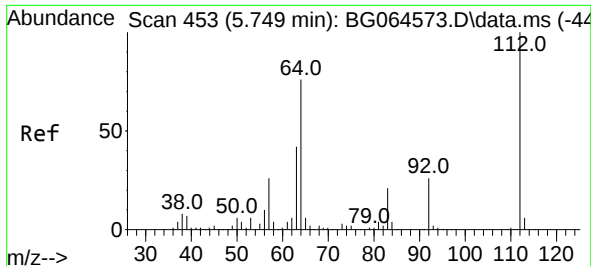


#4
n-Nitrosodimethylamine
Concen: 40.101 ng
RT: 3.881 min Scan# 135
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12



Tgt Ion: 42 Resp: 51604
Ion Ratio Lower Upper
42 100
74 97.6 76.1 114.1
44 8.4 6.3 9.5

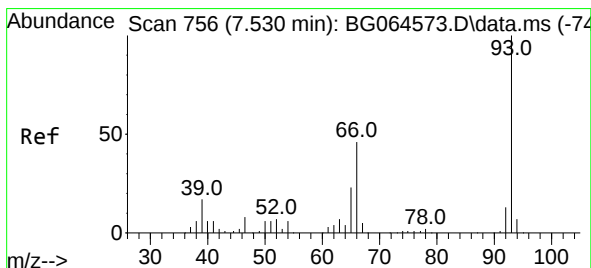
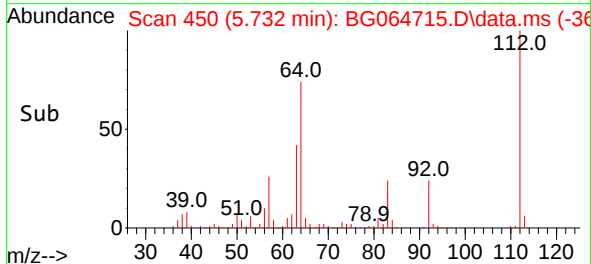
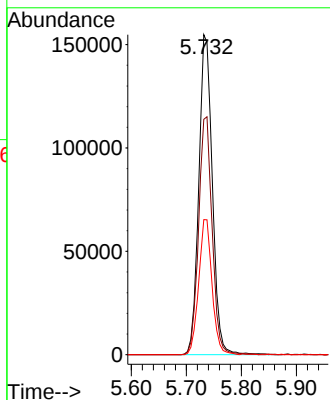
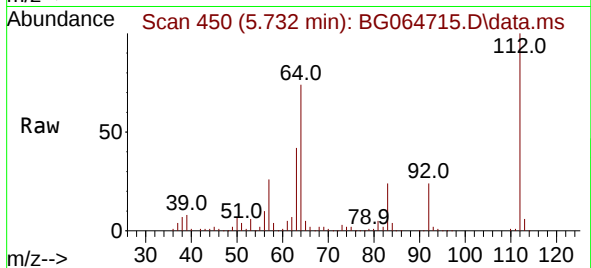




#5
2-Fluorophenol
Concen: 146.996 ng
RT: 5.732 min Scan# 411
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

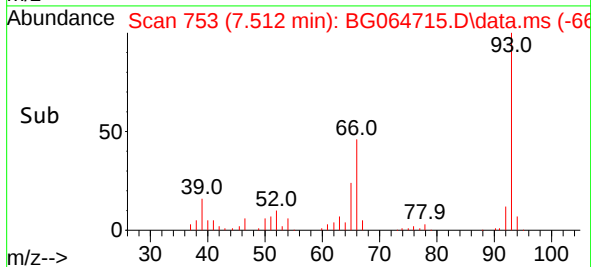
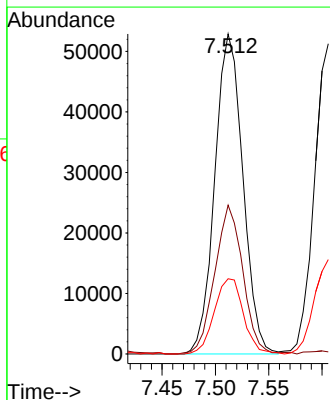
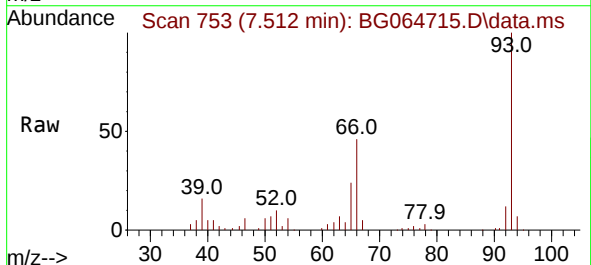
Instrument :
BNA_G
ClientSampleId :
PB170428BS

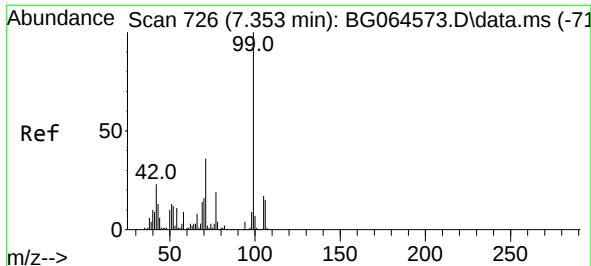
Tgt Ion:112 Resp: 265312
Ion Ratio Lower Upper
112 100
64 73.6 60.7 91.1
63 42.2 33.4 50.0



#6
Aniline
Concen: 28.706 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion: 93 Resp: 96744
Ion Ratio Lower Upper
93 100
66 46.5 37.0 55.6
65 23.5 18.3 27.5

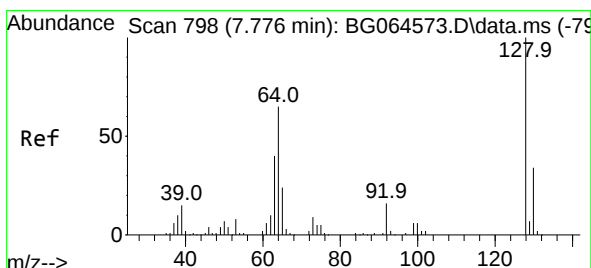
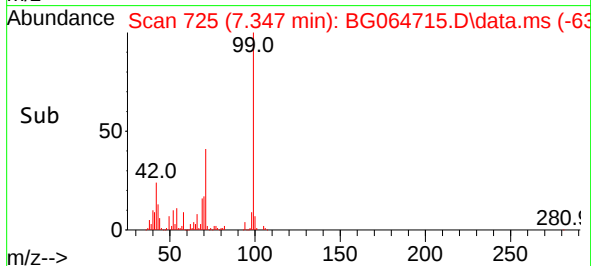
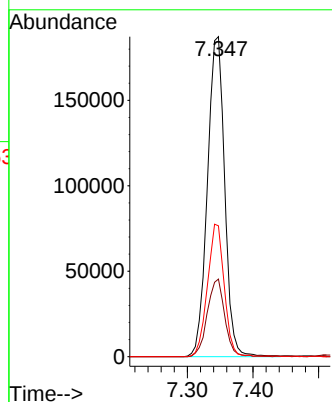
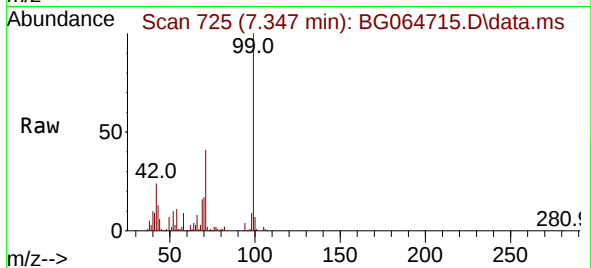




#7
Phenol-d6
Concen: 138.639 ng
RT: 7.347 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

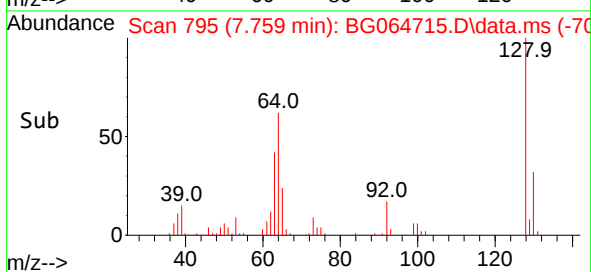
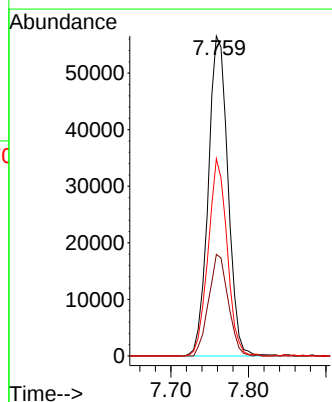
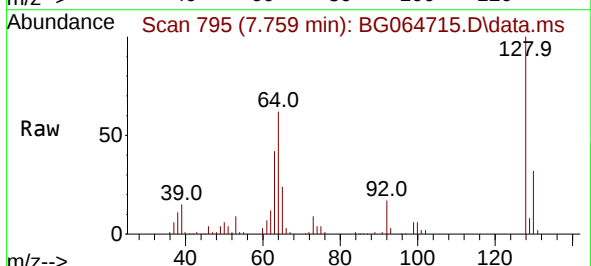
Instrument :
BNA_G
ClientSampleId :
PB170428BS

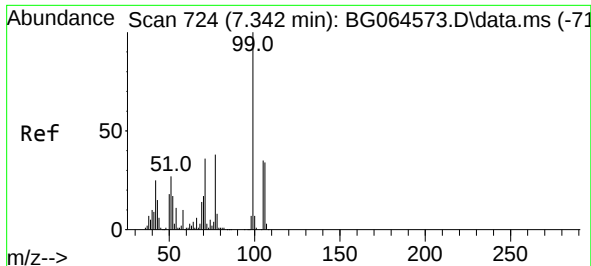
Tgt Ion: 99 Resp: 343364
Ion Ratio Lower Upper
99 100
42 24.2 18.3 27.5
71 40.9 28.6 43.0



#8
2-Chlorophenol
Concen: 52.757 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion: 128 Resp: 99666
Ion Ratio Lower Upper
128 100
130 31.8 13.5 53.5
64 61.7 45.2 85.2

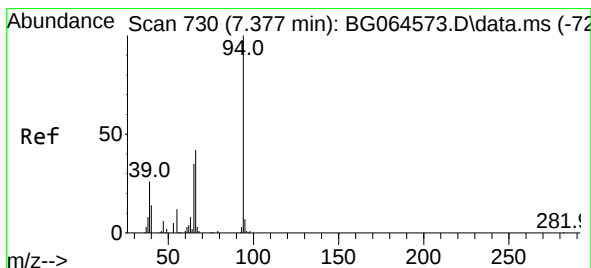
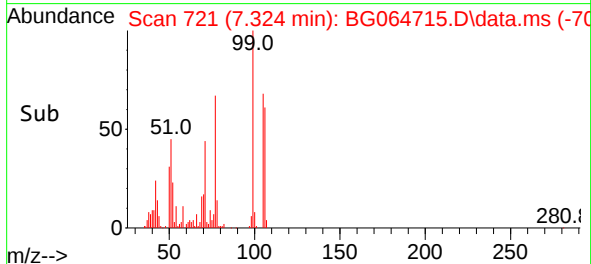
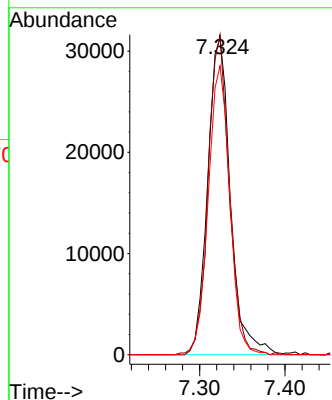
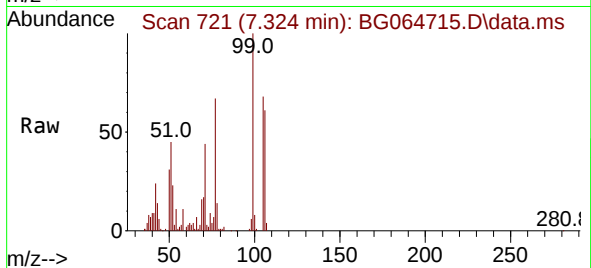




#9
Benzaldehyde
Concen: 42.851 ng
RT: 7.324 min Scan# 719
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

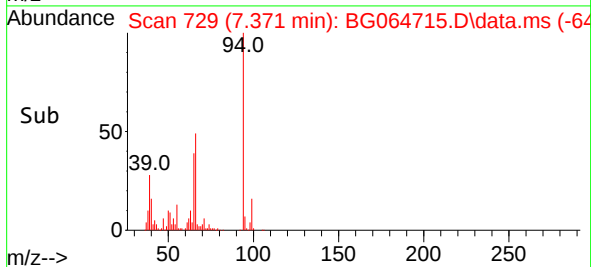
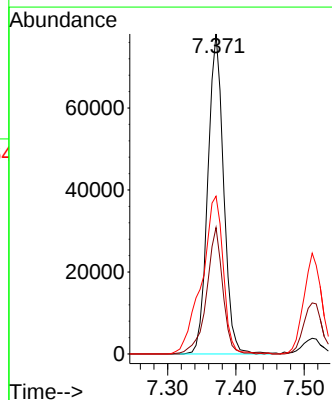
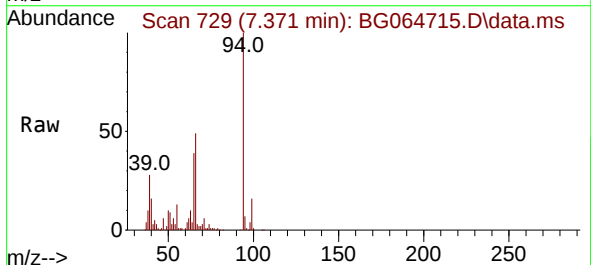
Instrument :
BNA_G
ClientSampleId :
PB170428BS

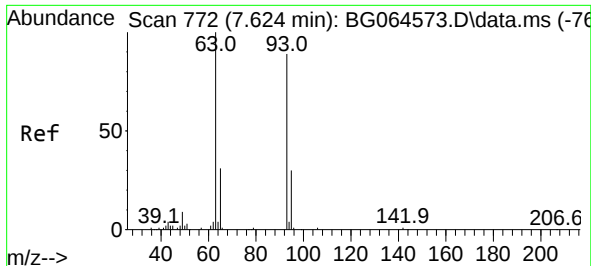
Tgt Ion: 77 Resp: 57939
Ion Ratio Lower Upper
77 100
105 101.2 72.9 112.9
106 91.3 70.8 110.8



#10
Phenol
Concen: 45.842 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion: 94 Resp: 125562
Ion Ratio Lower Upper
94 100
65 39.5 15.8 55.8
66 49.3 24.0 64.0

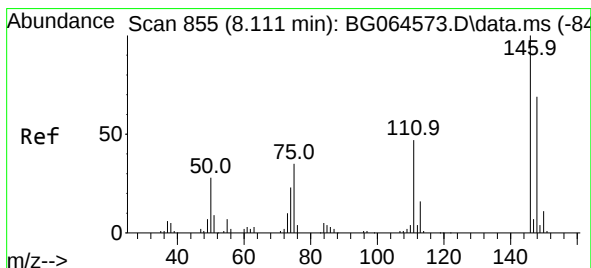
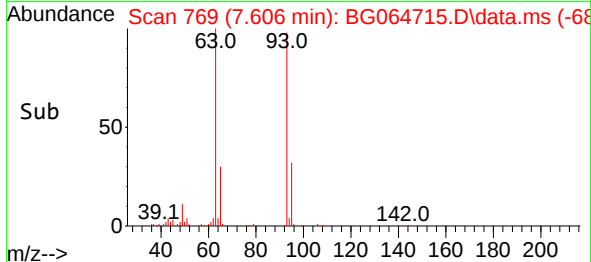
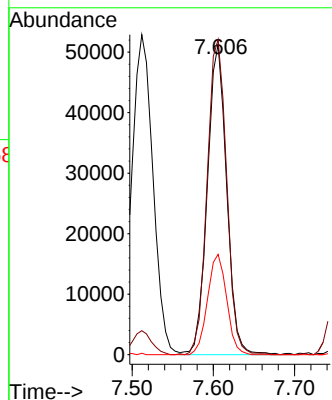
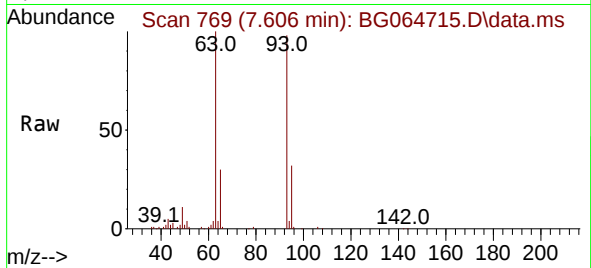




#11
bis(2-Chloroethyl)ether
Concen: 41.996 ng
RT: 7.606 min Scan# 70
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

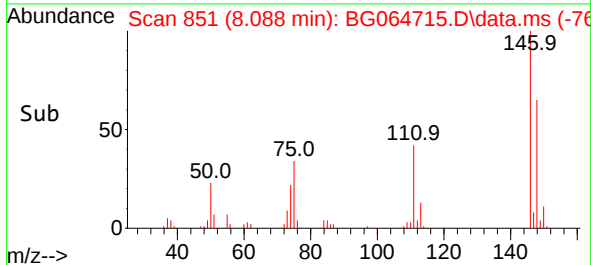
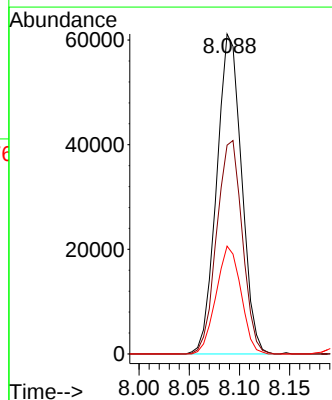
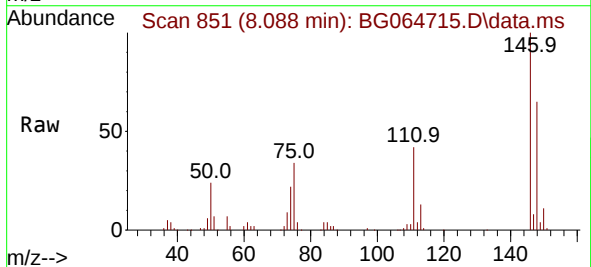
Instrument :
BNA_G
ClientSampleId :
PB170428BS

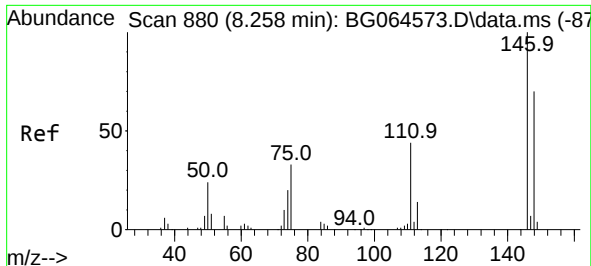
Tgt Ion: 93 Resp: 84571
Ion Ratio Lower Upper
93 100
63 101.6 91.3 131.3
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 48.477 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:146 Resp: 105407
Ion Ratio Lower Upper
146 100
148 65.2 55.3 82.9
75 33.7 28.2 42.2

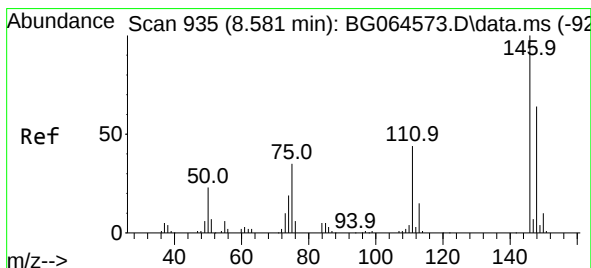
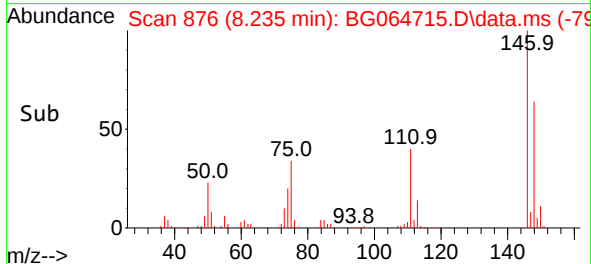
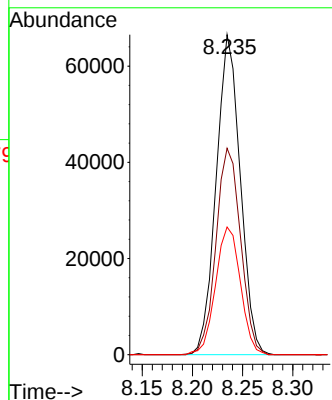
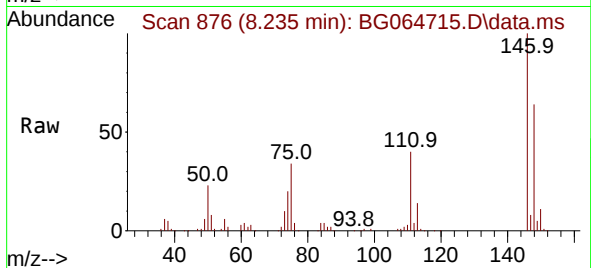




#13
1,4-Dichlorobenzene
Concen: 50.201 ng
RT: 8.235 min Scan# 81
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

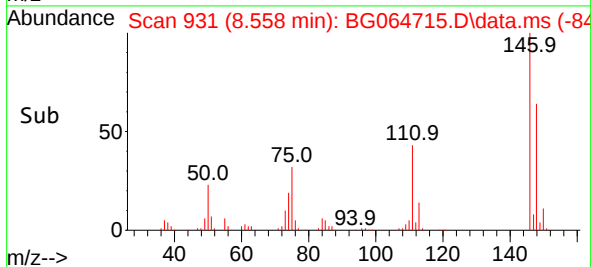
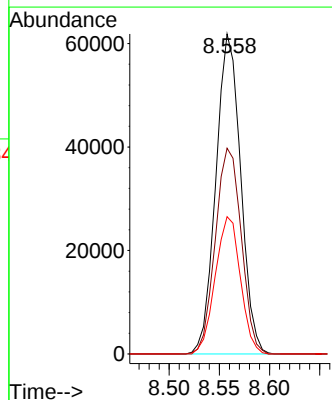
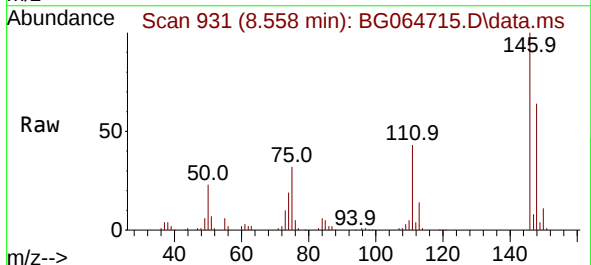
Instrument :
BNA_G
ClientSampleId :
PB170428BS

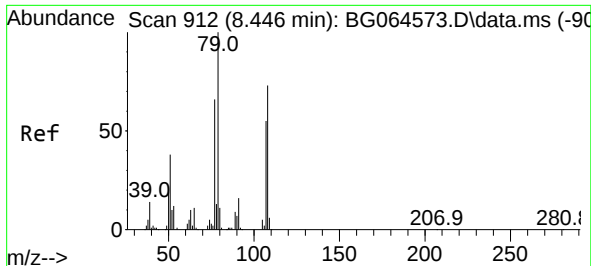
Tgt Ion:146 Resp: 110990
Ion Ratio Lower Upper
146 100
148 64.5 56.2 84.4
111 39.9 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 49.796 ng
RT: 8.558 min Scan# 931
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:146 Resp: 106189
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 42.9 35.0 52.6

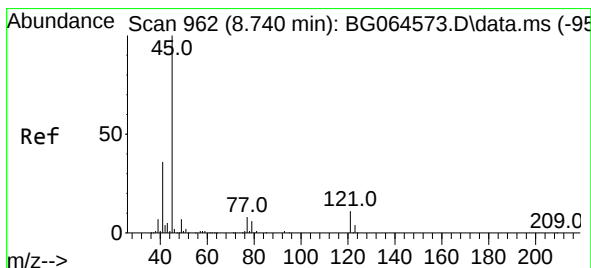
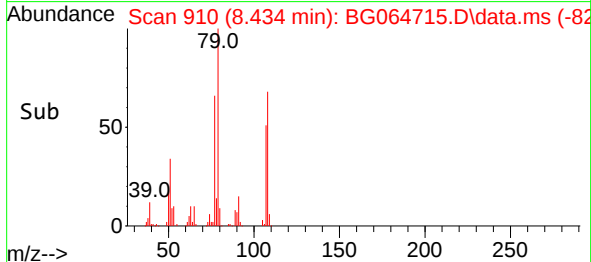
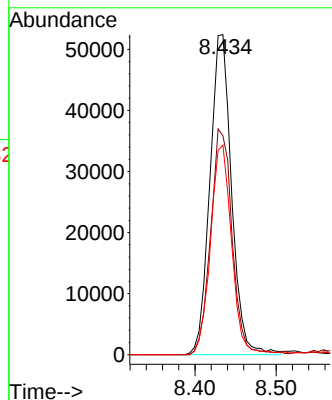
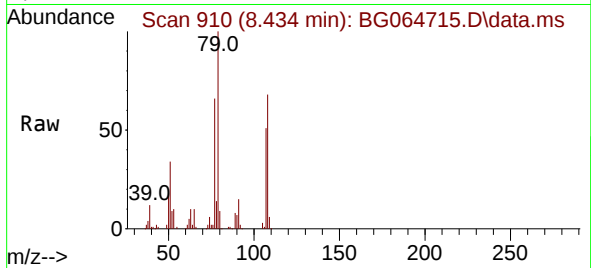




#15
Benzyl Alcohol
Concen: 47.538 ng
RT: 8.434 min Scan# 912
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

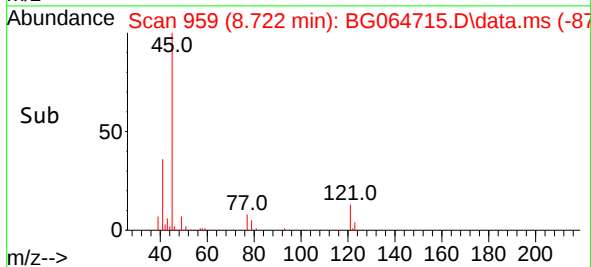
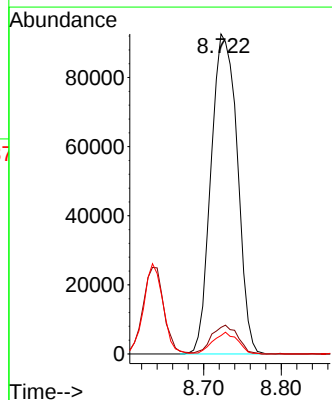
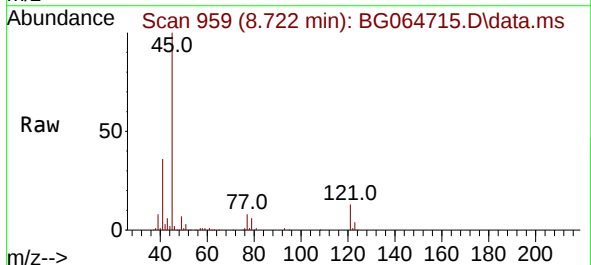
Instrument :
BNA_G
ClientSampleId :
PB170428BS

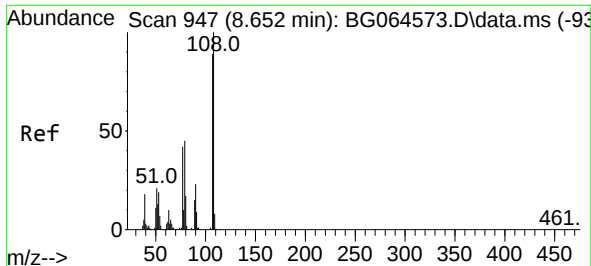
Tgt Ion: 79 Resp: 97089
Ion Ratio Lower Upper
79 100
108 68.4 58.1 87.1
77 65.5 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.286 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion: 45 Resp: 218087
Ion Ratio Lower Upper
45 100
77 8.3 0.0 28.5
79 5.8 0.0 25.6





#17

2-Methylphenol

Concen: 49.307 ng

RT: 8.634 min Scan# 94

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

Tgt Ion:107 Resp: 89667

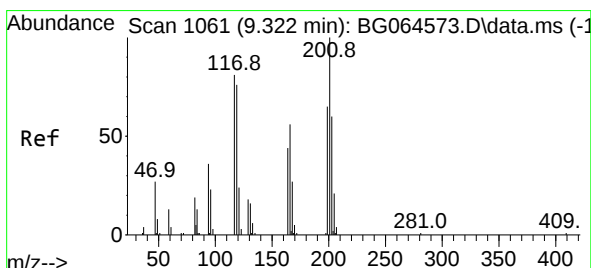
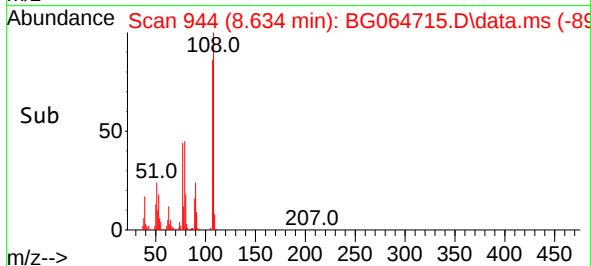
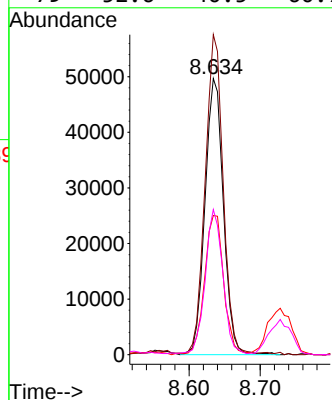
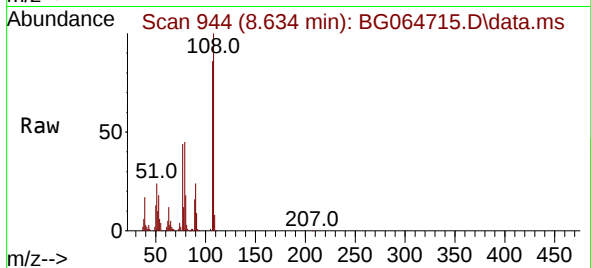
Ion Ratio Lower Upper

107 100

108 115.9 90.0 135.0

77 50.4 37.8 56.8

79 52.6 40.5 60.7



#18

Hexachloroethane

Concen: 51.368 ng

RT: 9.304 min Scan# 1058

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

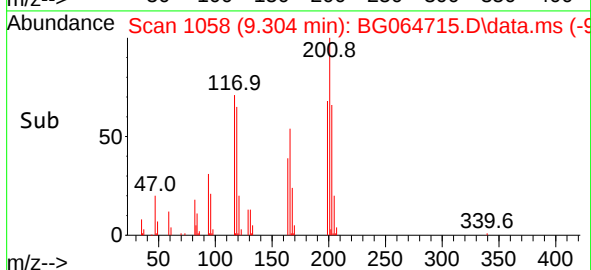
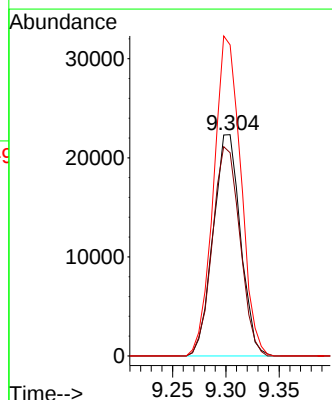
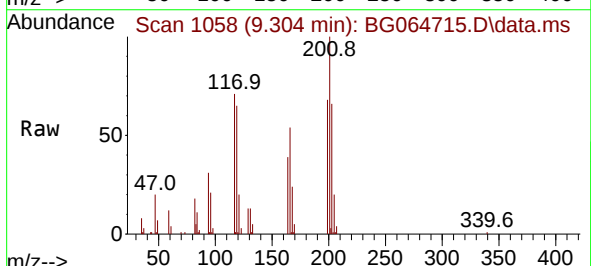
Tgt Ion:117 Resp: 39855

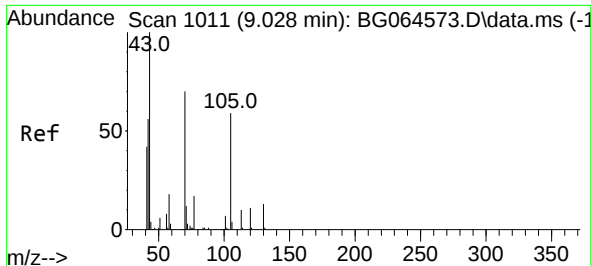
Ion Ratio Lower Upper

117 100

119 91.8 75.4 113.2

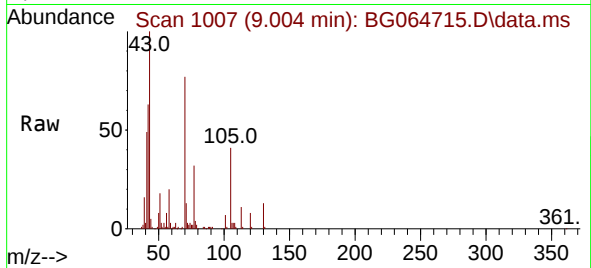
201 140.5 99.2 148.8



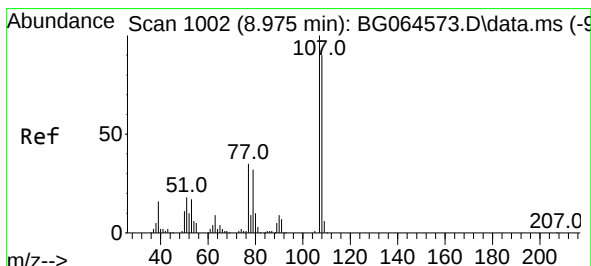
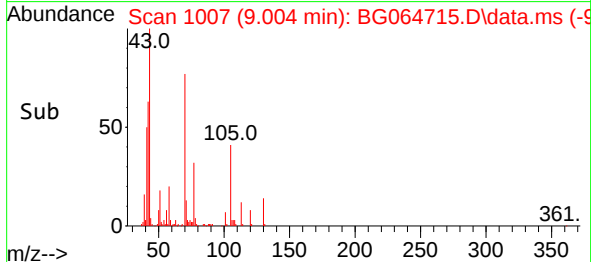
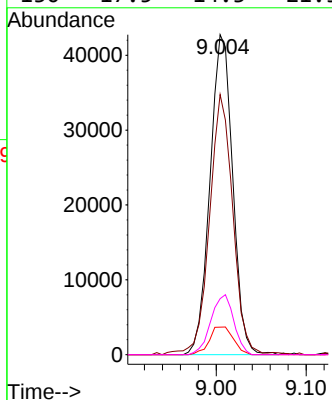


#19
n-Nitroso-di-n-propylamine
Concen: 43.906 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Instrument :
BNA_G
ClientSampleId :
PB170428BS

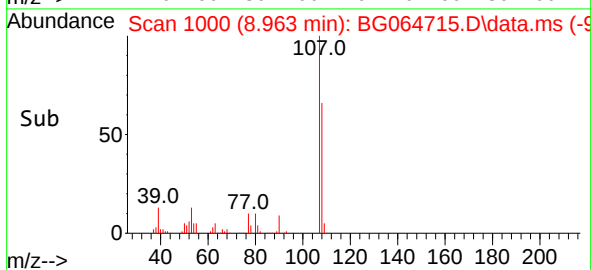
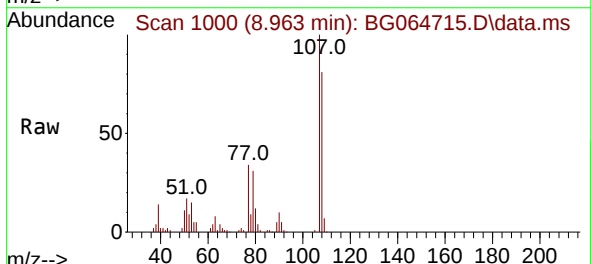
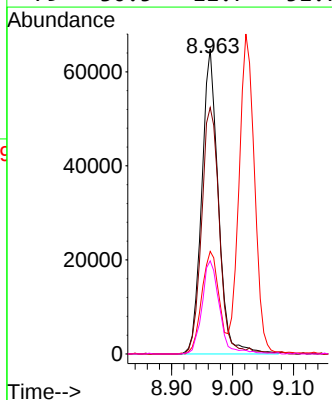


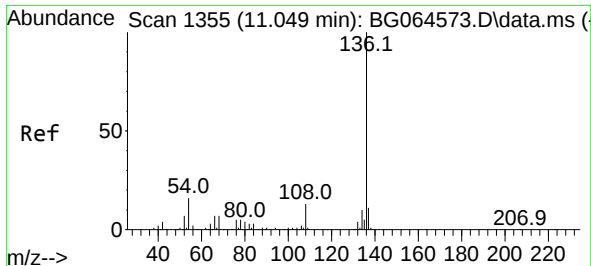
Tgt Ion:	70	Resp:	75151
Ion	Ratio	Lower	Upper
70	100		
42	81.3	65.2	97.8
101	8.6	7.9	11.9
130	17.5	14.3	21.5



#20
3+4-Methylphenols
Concen: 48.013 ng
RT: 8.963 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:	107	Resp:	122790
Ion	Ratio	Lower	Upper
107	100		
108	80.8	70.3	110.3
77	33.6	14.6	54.6
79	30.5	11.7	51.7

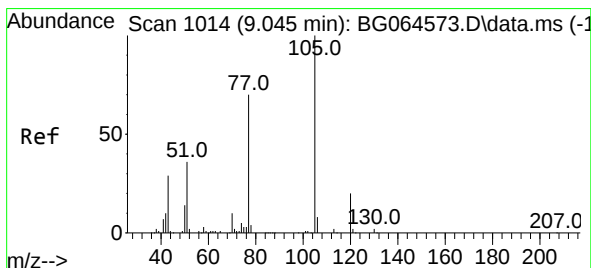
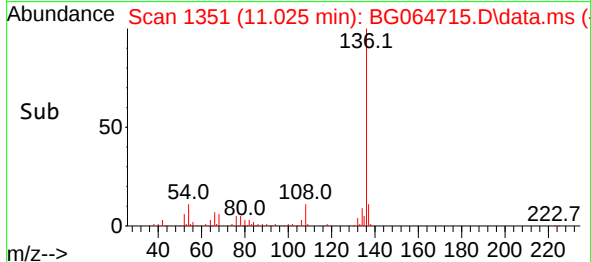
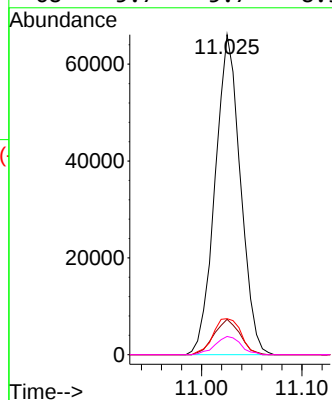
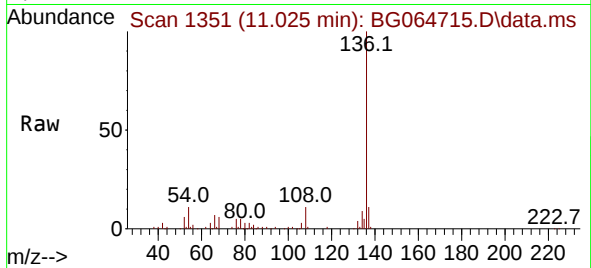




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

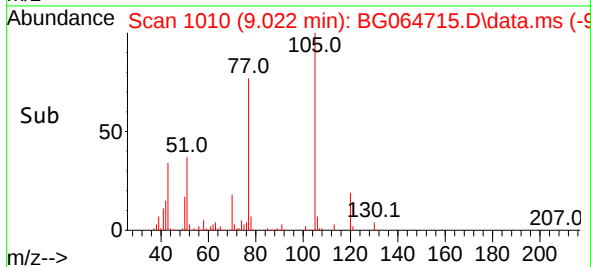
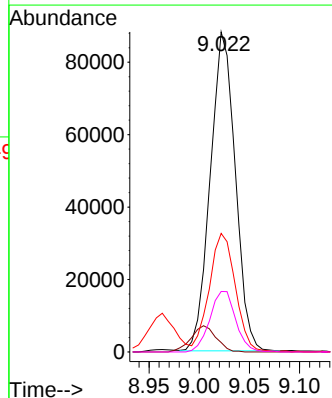
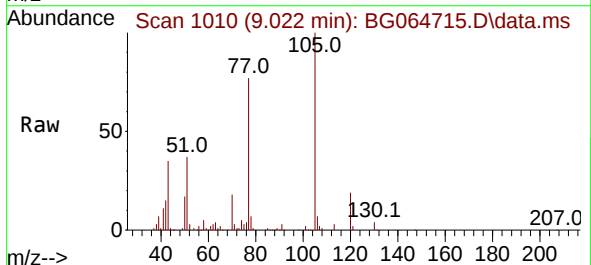
Instrument :
BNA_G
ClientSampleId :
PB170428BS

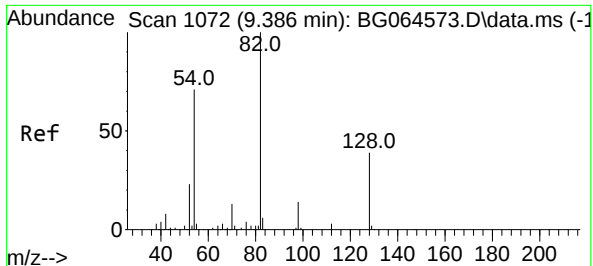
Tgt Ion:136 Resp: 115732
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 11.3 12.6 19.0#
68 5.7 5.7 8.5



#22
Acetophenone
Concen: 48.180 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:105 Resp: 152425
Ion Ratio Lower Upper
105 100
71 3.0 1.5 2.3#
51 37.1 33.7 50.5
120 18.9 16.1 24.1

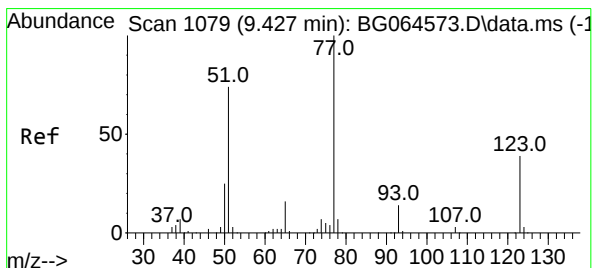
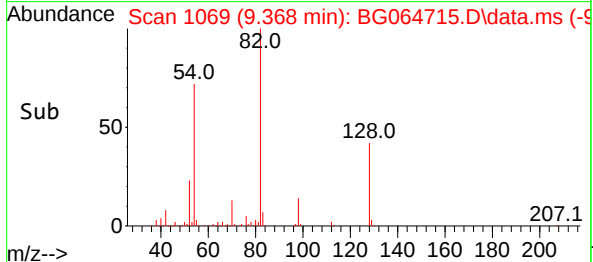
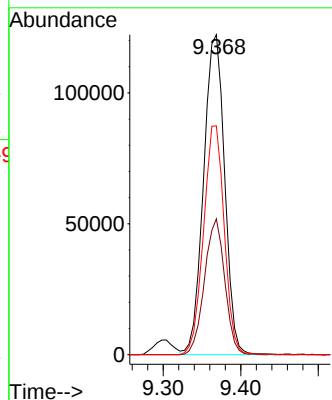
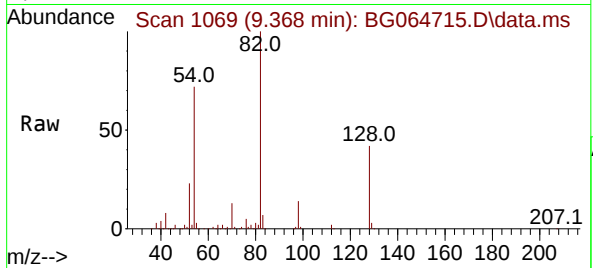




#23
Nitrobenzene-d5
Concen: 119.751 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

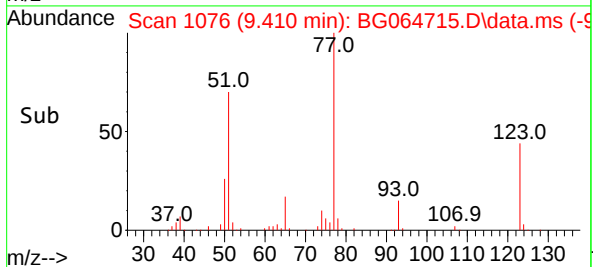
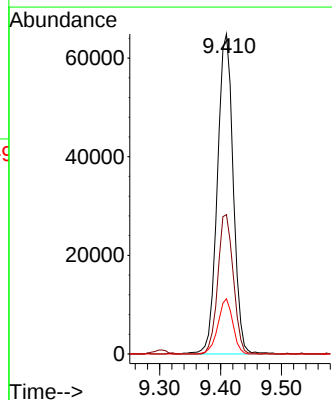
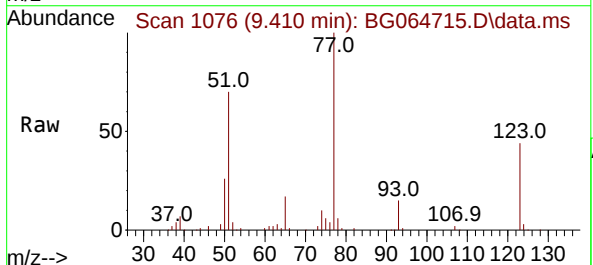
Instrument :
BNA_G
ClientSampleId :
PB170428BS

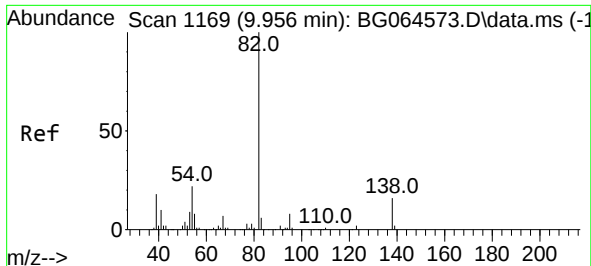
Tgt Ion: 82 Resp: 230742
Ion Ratio Lower Upper
82 100
128 42.5 31.3 46.9
54 71.5 56.6 84.8



#24
Nitrobenzene
Concen: 55.754 ng
RT: 9.410 min Scan# 1076
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion: 77 Resp: 116846
Ion Ratio Lower Upper
77 100
123 43.6 31.0 46.6
65 17.2 12.7 19.1

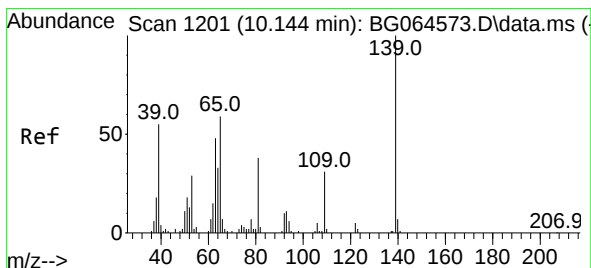
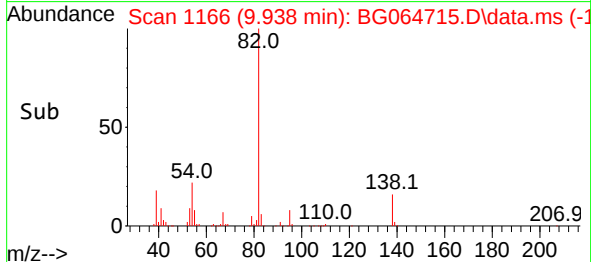
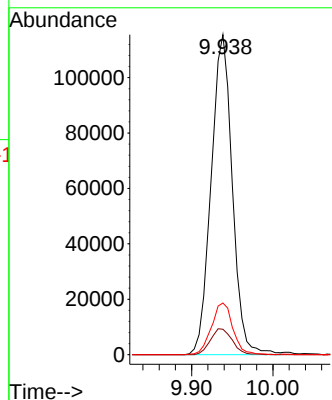
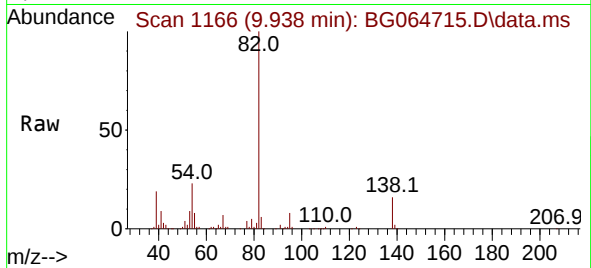




#25
Isophorone
Concen: 45.203 ng
RT: 9.938 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

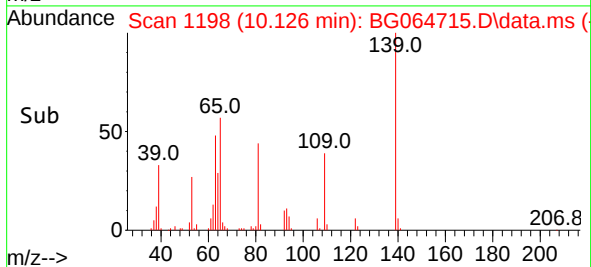
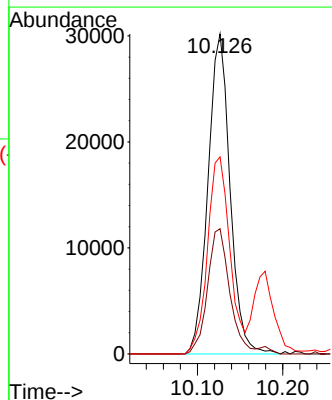
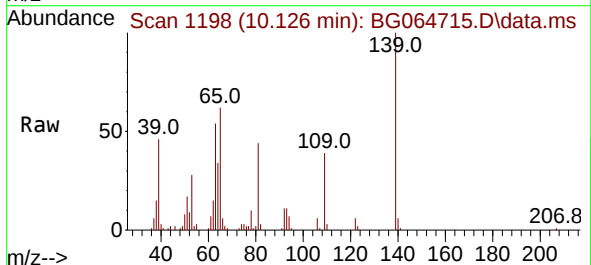
Instrument :
BNA_G
ClientSampleId :
PB170428BS

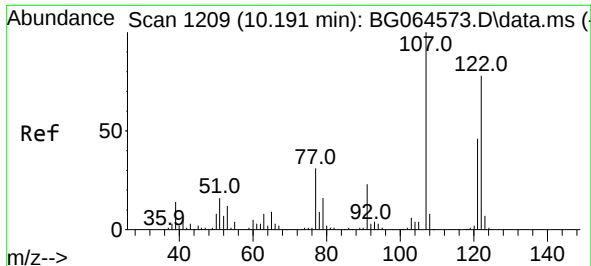
Tgt Ion: 82 Resp: 209000
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 16.2 13.0 19.4



#26
2-Nitrophenol
Concen: 65.886 ng
RT: 10.126 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:139 Resp: 54286
Ion Ratio Lower Upper
139 100
109 39.2 24.6 37.0#
65 61.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 56.832 ng

RT: 10.179 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

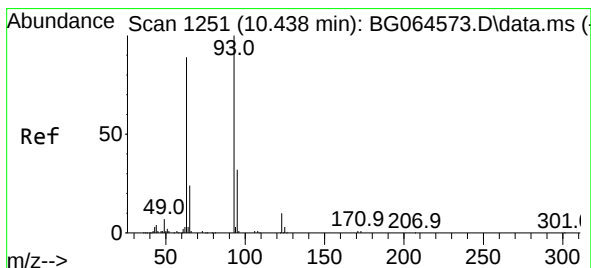
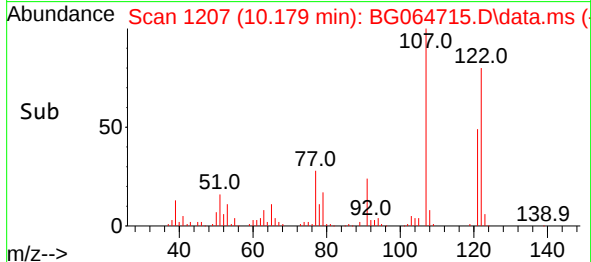
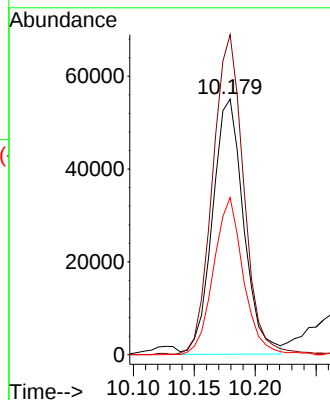
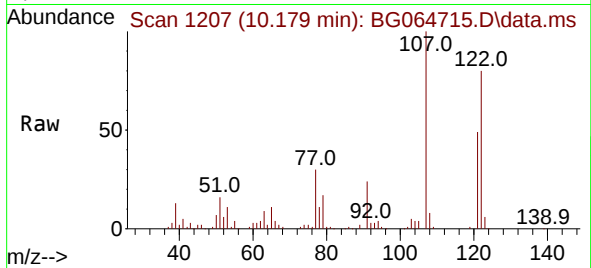
Tgt Ion:122 Resp: 97742

Ion Ratio Lower Upper

122 100

107 125.3 103.0 154.4

121 61.5 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.158 ng

RT: 10.414 min Scan# 1247

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

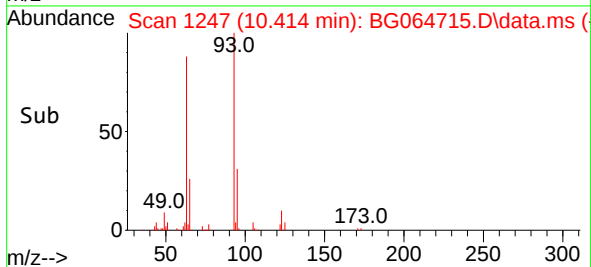
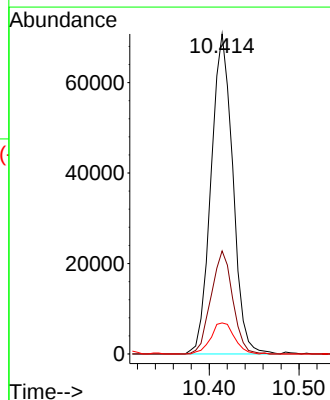
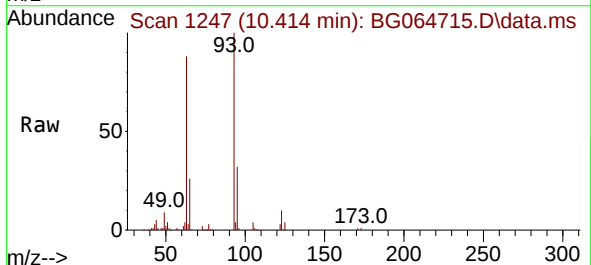
Tgt Ion: 93 Resp: 118880

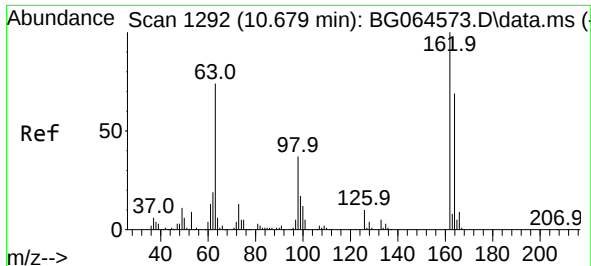
Ion Ratio Lower Upper

93 100

95 32.2 25.4 38.2

123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 58.650 ng

RT: 10.667 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

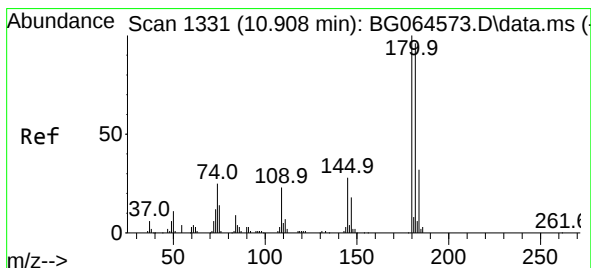
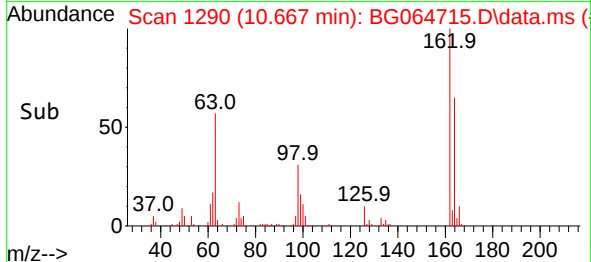
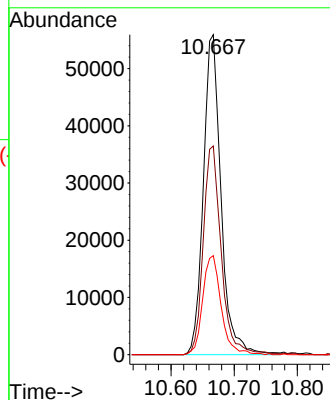
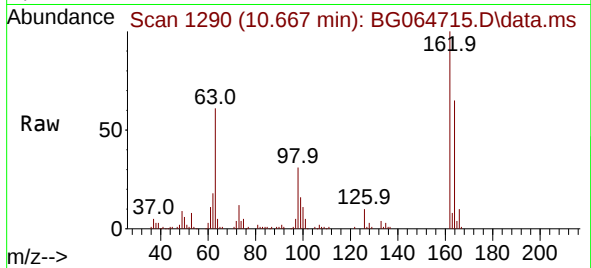
Tgt Ion:162 Resp: 108554

Ion Ratio Lower Upper

162 100

164 65.2 48.7 88.7

98 31.0 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 59.828 ng

RT: 10.884 min Scan# 1327

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

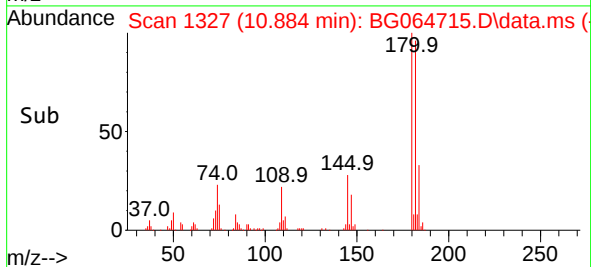
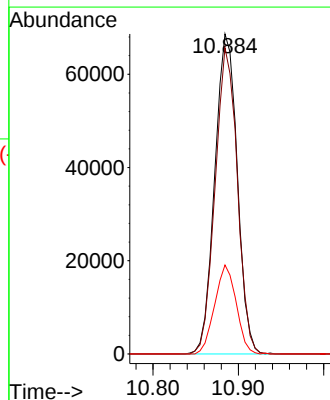
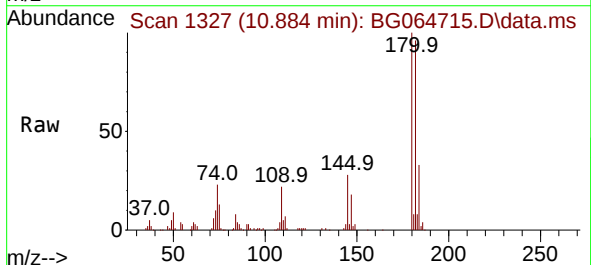
Tgt Ion:180 Resp: 125817

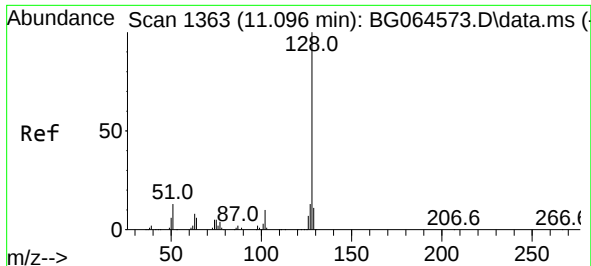
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

145 27.8 22.1 33.1

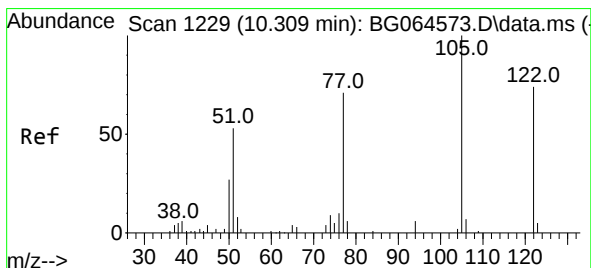
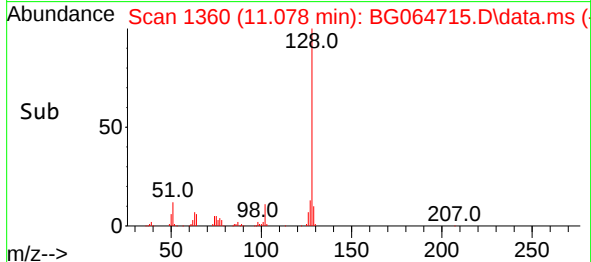
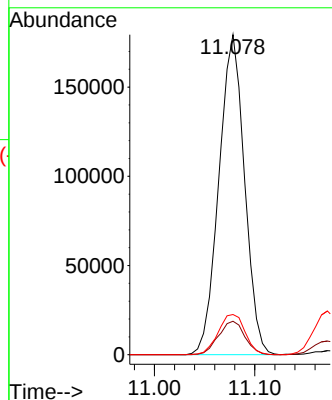
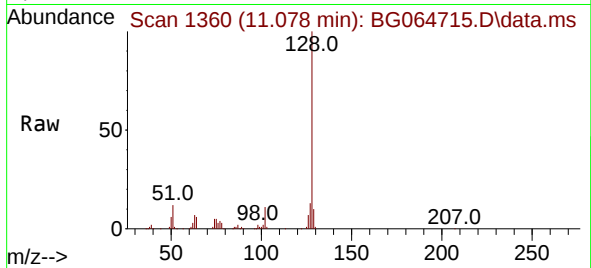




#31
Naphthalene
Concen: 49.492 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

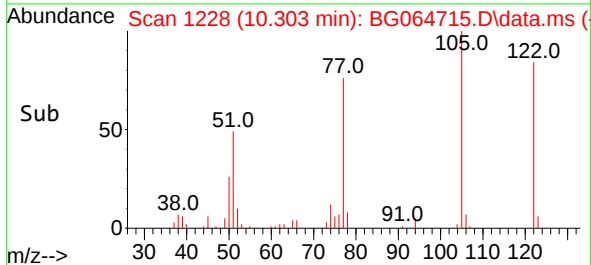
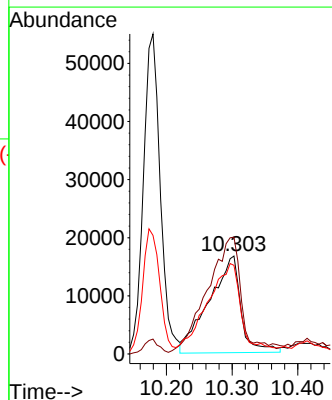
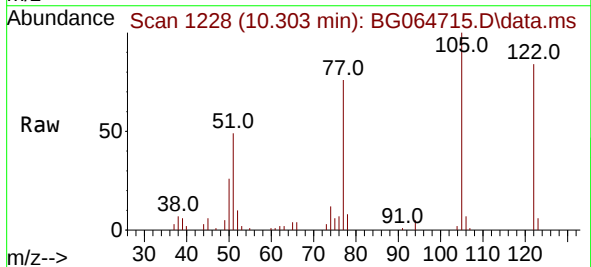
Instrument :
BNA_G
ClientSampleId :
PB170428BS

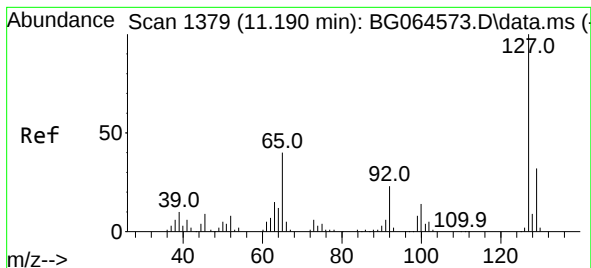
Tgt Ion:128 Resp: 317572
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.6 10.6 15.8



#32
Benzoic acid
Concen: 43.465 ng
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:122 Resp: 56096
Ion Ratio Lower Upper
122 100
105 119.1 104.2 144.2
77 90.5 70.2 110.2





#33

4-Chloroaniline

Concen: 20.831 ng

RT: 11.172 min Scan# 11

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

Tgt Ion:127 Resp: 51953

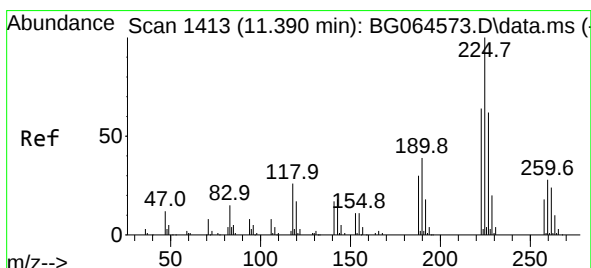
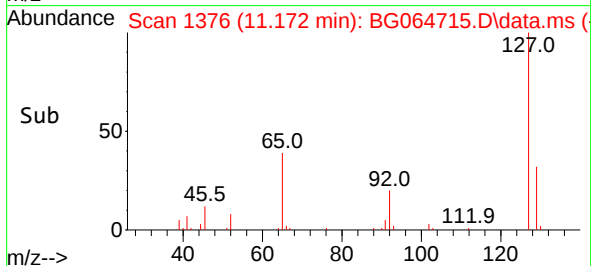
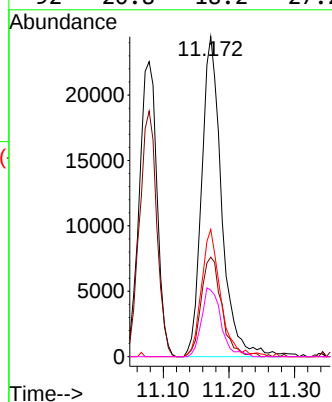
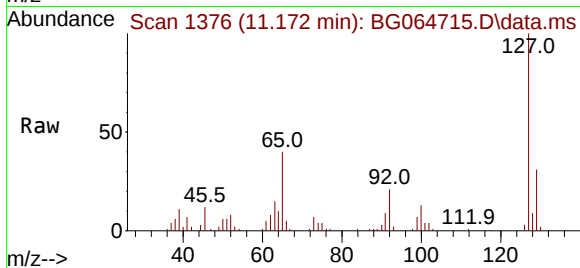
Ion Ratio Lower Upper

127 100

129 31.1 25.5 38.3

65 39.7 32.2 48.4

92 20.8 18.2 27.2



#34

Hexachlorobutadiene

Concen: 60.520 ng

RT: 11.366 min Scan# 1409

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

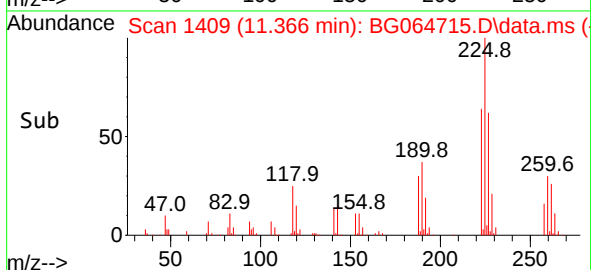
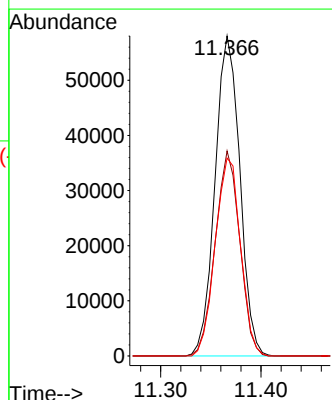
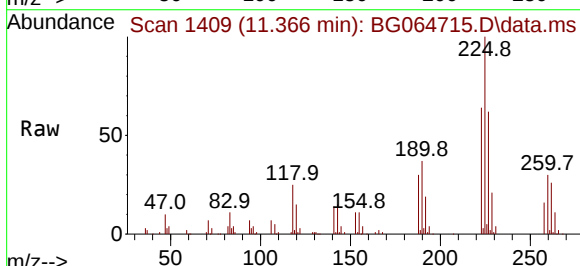
Tgt Ion:225 Resp: 99534

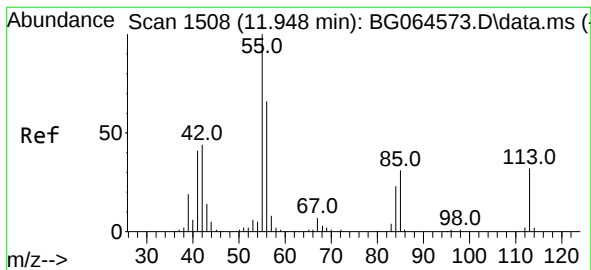
Ion Ratio Lower Upper

225 100

223 64.1 48.8 73.2

227 64.2 49.5 74.3

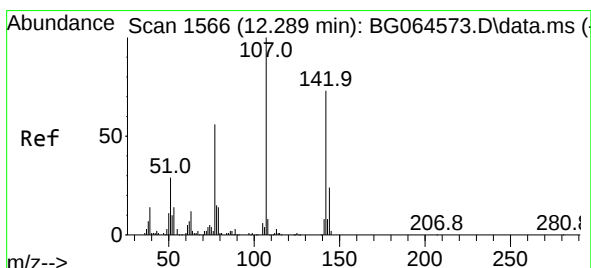
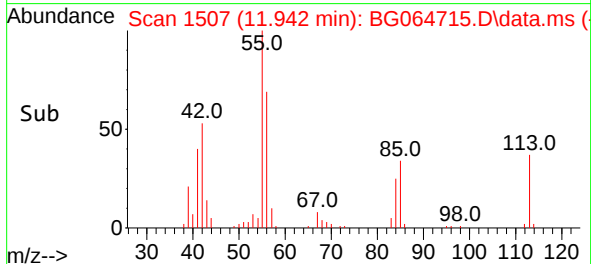
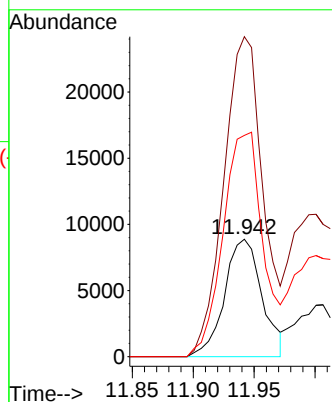
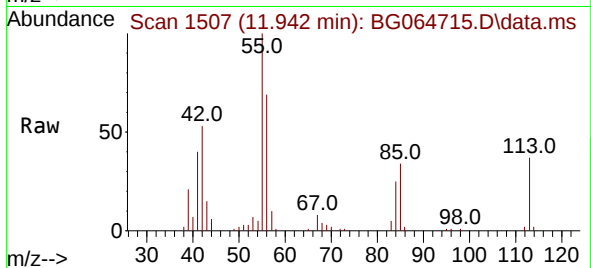




#35
 Caprolactam
 Concen: 26.700 ng
 RT: 11.942 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BG064715.D
 Acq: 7 Nov 2025 13:12

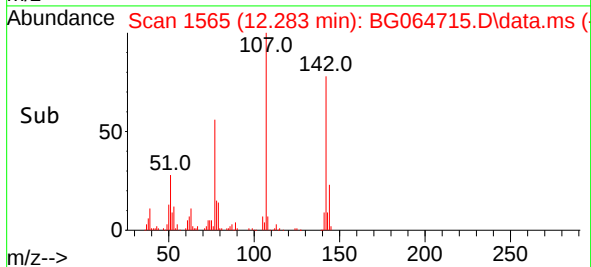
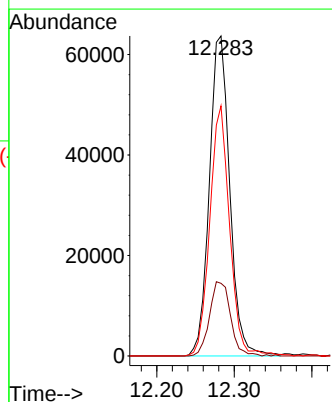
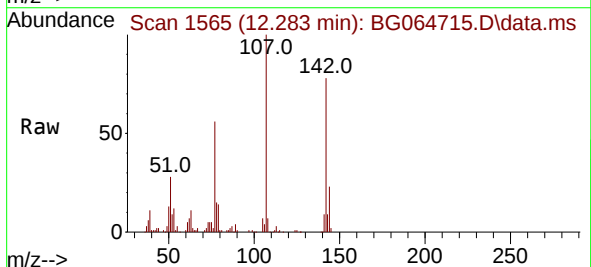
Instrument :
 BNA_G
 ClientSampleId :
 PB170428BS

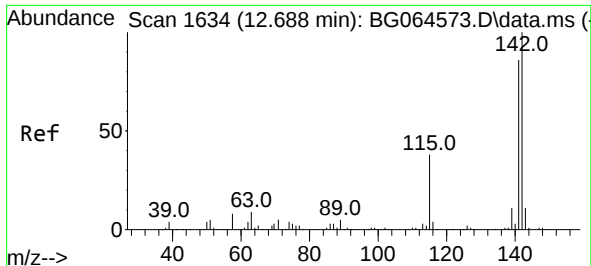
Tgt Ion:113 Resp: 18954
 Ion Ratio Lower Upper
 113 100
 55 272.3 290.1 330.1#
 56 188.4 183.8 223.8



#36
 4-Chloro-3-methylphenol
 Concen: 52.485 ng
 RT: 12.283 min Scan# 1565
 Delta R.T. -0.006 min
 Lab File: BG064715.D
 Acq: 7 Nov 2025 13:12

Tgt Ion:107 Resp: 116768
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.1 28.7
 142 78.1 58.6 87.8

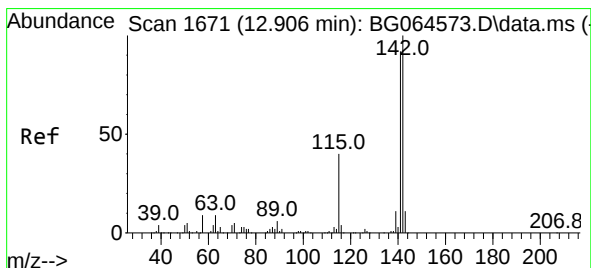
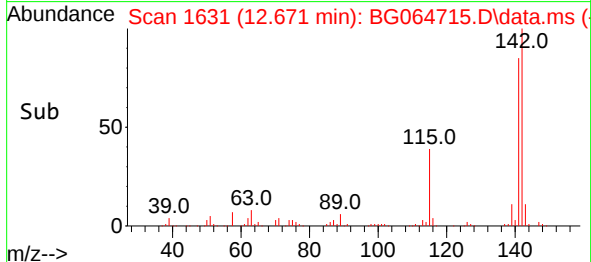
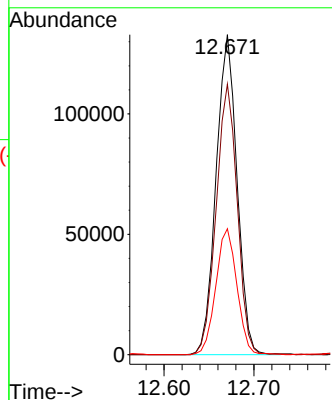
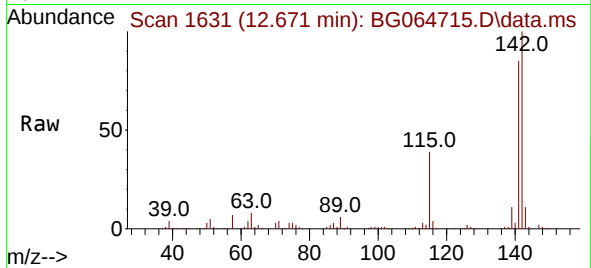




#37
2-Methylnaphthalene
Concen: 45.790 ng
RT: 12.671 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

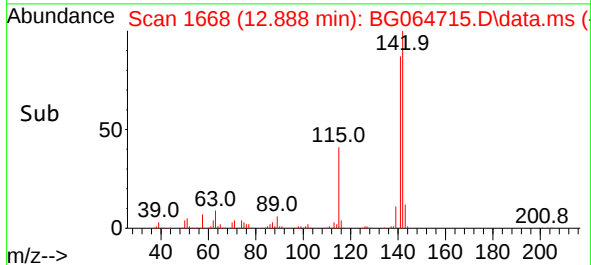
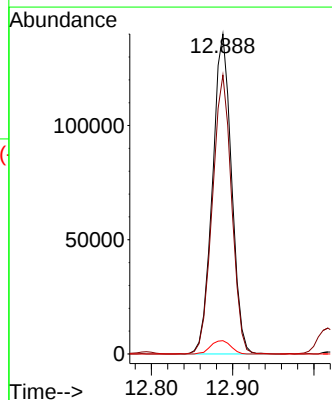
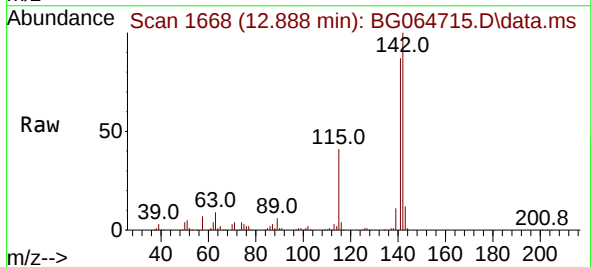
Instrument :
BNA_G
ClientSampleId :
PB170428BS

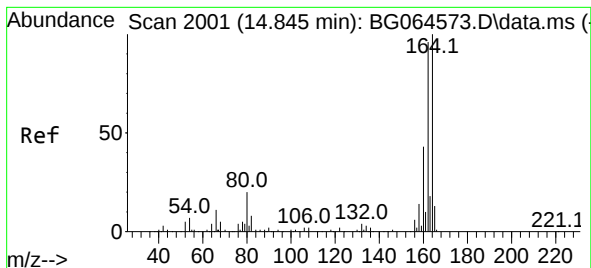
Tgt Ion:142 Resp: 215716
Ion Ratio Lower Upper
142 100
141 84.6 68.9 103.3
115 39.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 48.866 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:142 Resp: 227896
Ion Ratio Lower Upper
142 100
141 87.2 73.3 109.9
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.827 min Scan# 1998

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

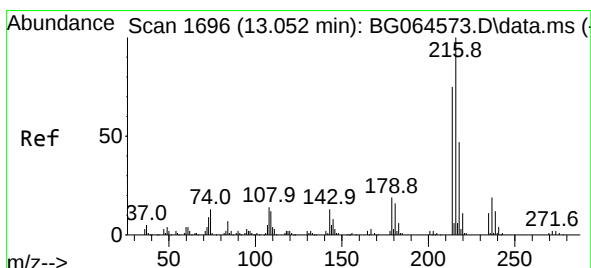
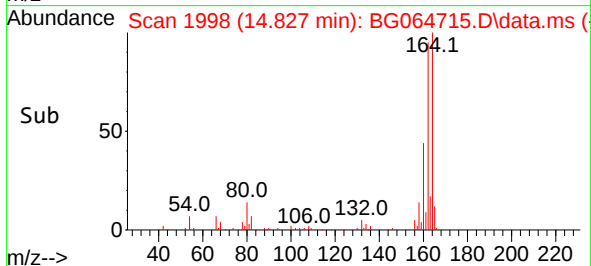
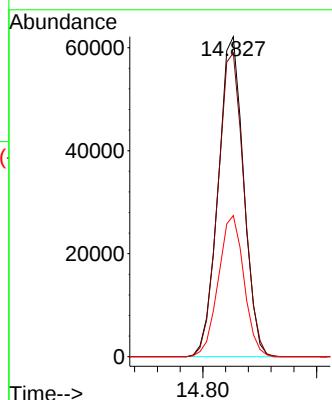
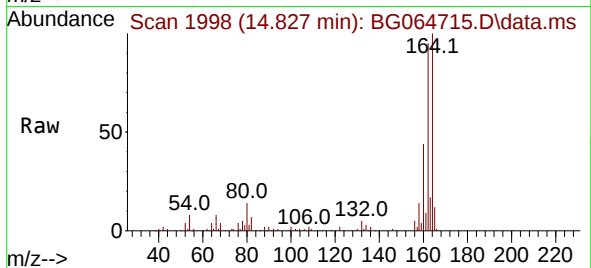
Tgt Ion:164 Resp: 96432

Ion Ratio Lower Upper

164 100

162 94.9 77.0 115.6

160 44.1 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.738 ng

RT: 13.035 min Scan# 1693

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Tgt Ion:216 Resp: 177149

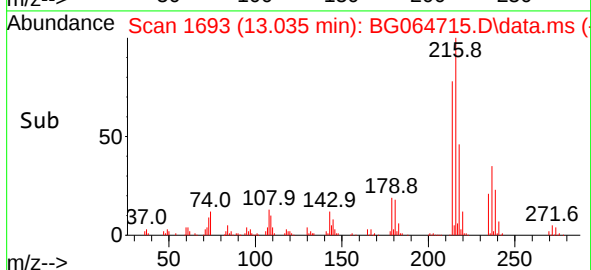
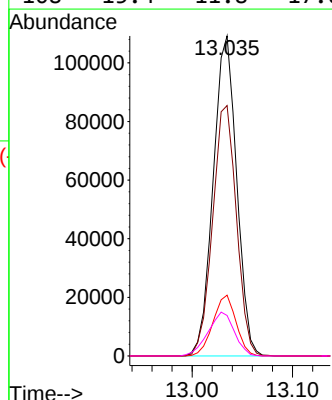
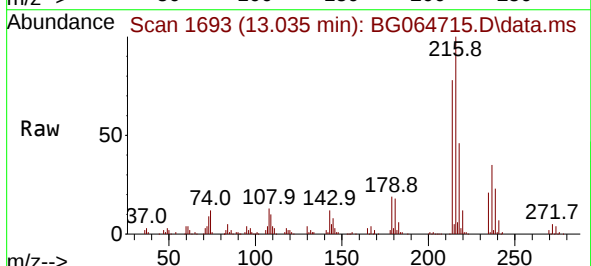
Ion Ratio Lower Upper

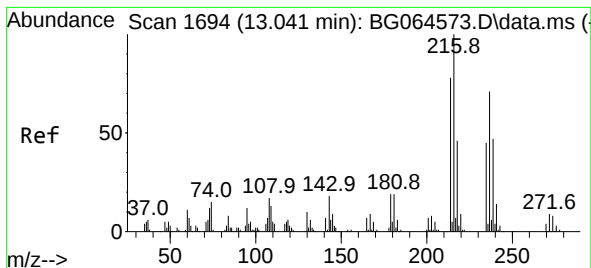
216 100

214 79.3 61.4 92.2

179 18.7 15.4 23.0

108 15.4 11.8 17.6

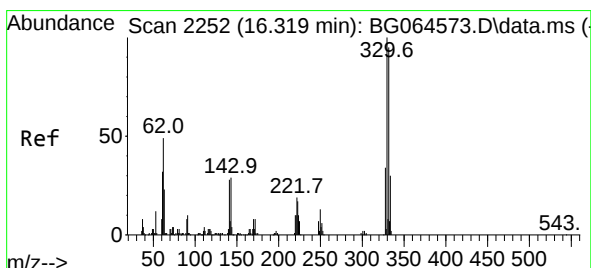
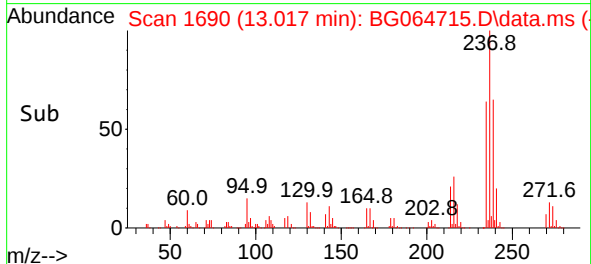
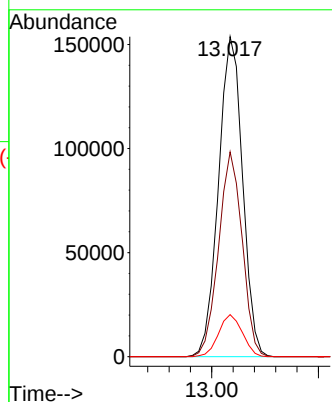
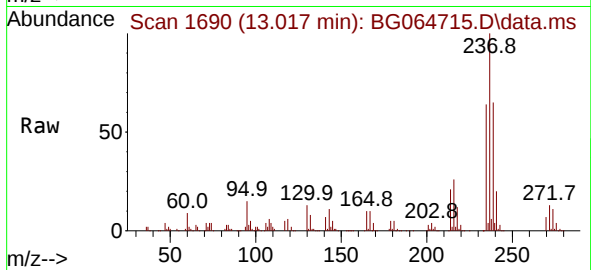




#41
Hexachlorocyclopentadiene
Concen: 165.150 ng
RT: 13.017 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

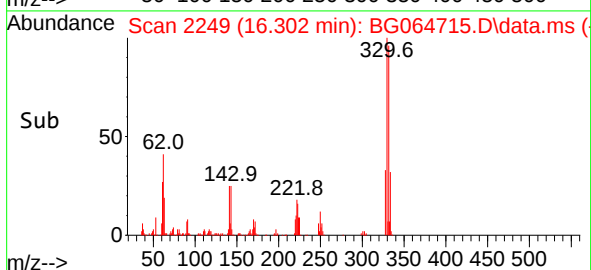
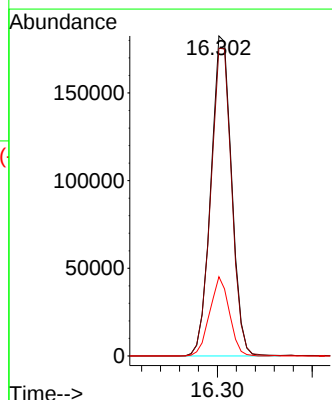
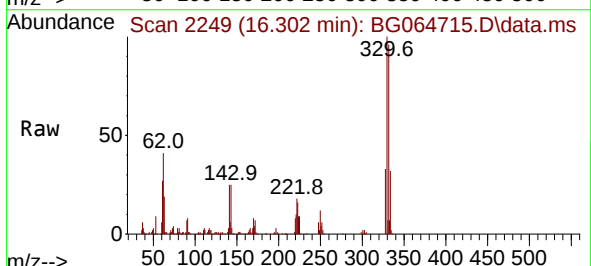
Instrument :
BNA_G
ClientSampleId :
PB170428BS

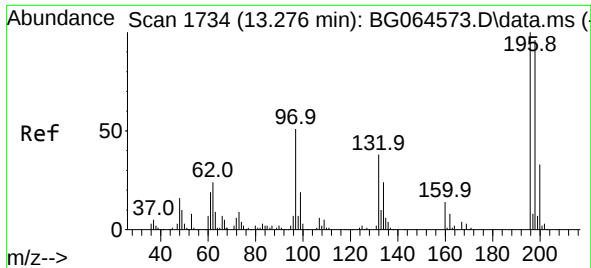
Tgt Ion:237 Resp: 240573
Ion Ratio Lower Upper
237 100
235 64.0 44.1 84.1
272 13.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 198.874 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:330 Resp: 276794
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 23.4 21.8 32.6

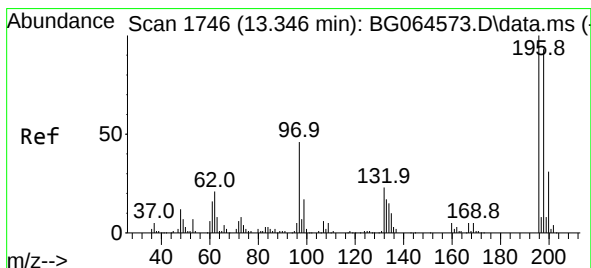
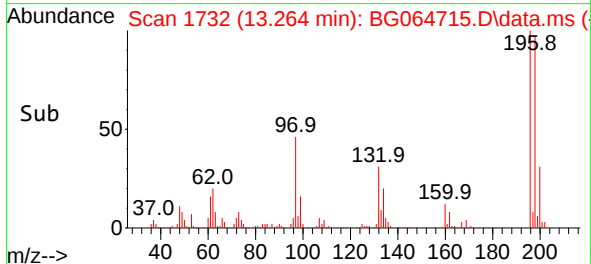
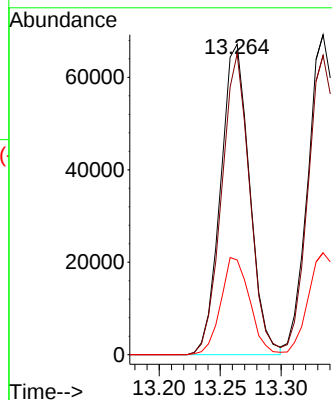
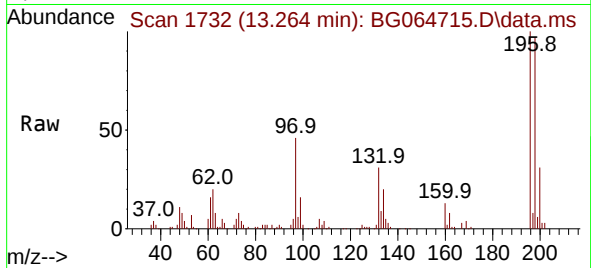




#43
2,4,6-Trichlorophenol
Concen: 60.145 ng
RT: 13.264 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

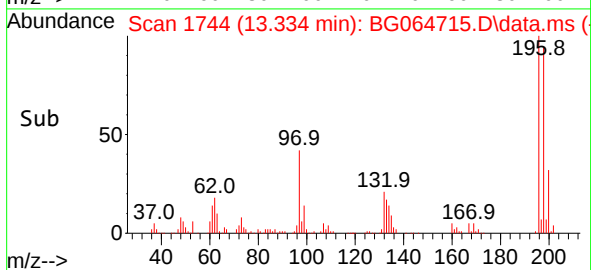
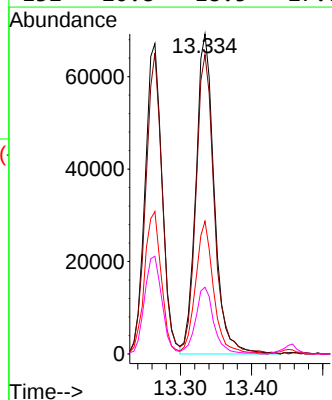
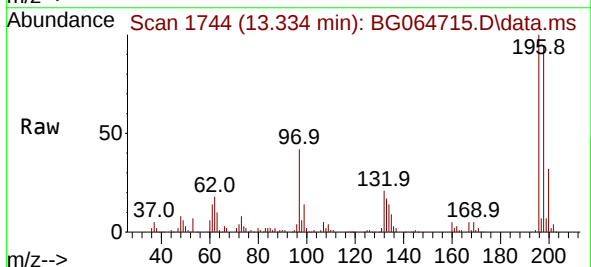
Instrument :
BNA_G
ClientSampleId :
PB170428BS

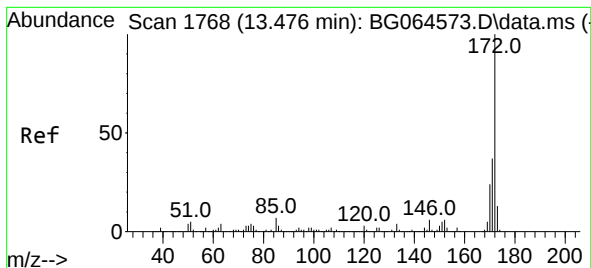
Tgt Ion:196 Resp: 111341
Ion Ratio Lower Upper
196 100
198 97.0 76.6 115.0
200 30.5 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 58.373 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:196 Resp: 124701
Ion Ratio Lower Upper
196 100
198 93.5 74.2 111.4
97 41.5 37.0 55.6
132 20.8 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 101.338 ng

RT: 13.452 min Scan# 1

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

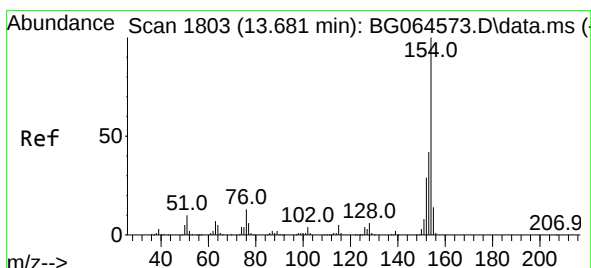
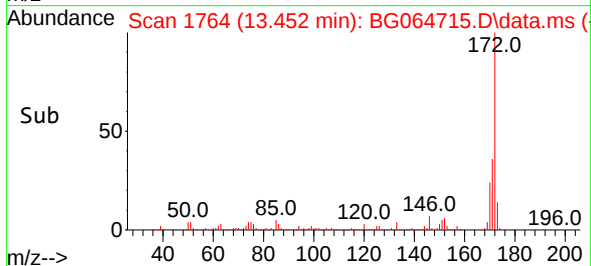
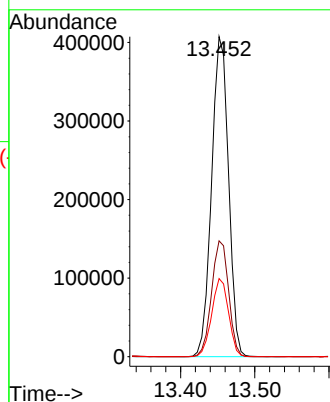
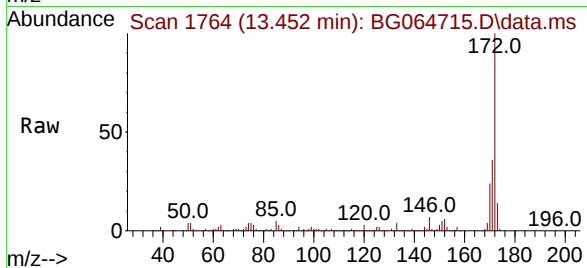
Tgt Ion:172 Resp: 644717

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

170 24.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.352 ng

RT: 13.663 min Scan# 1800

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

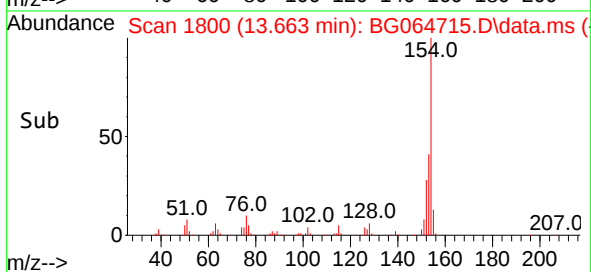
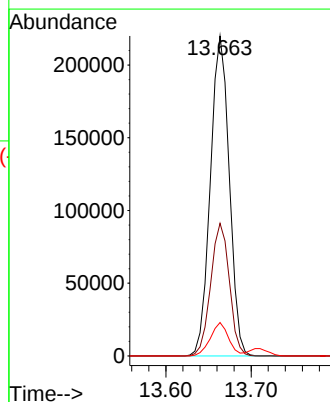
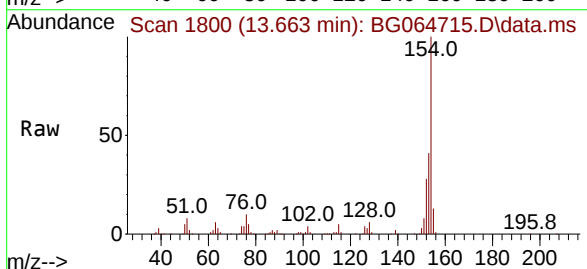
Tgt Ion:154 Resp: 338338

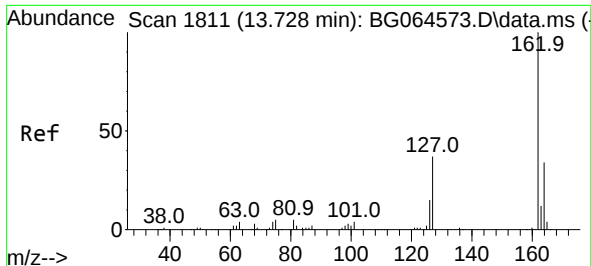
Ion Ratio Lower Upper

154 100

153 41.4 22.4 62.4

76 10.4 0.0 33.5

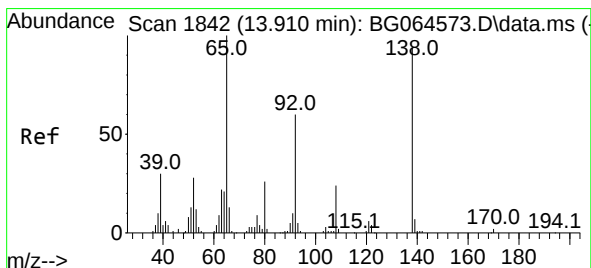
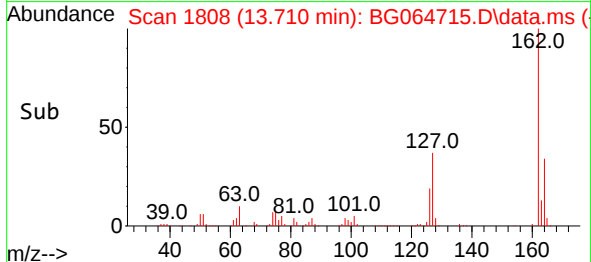
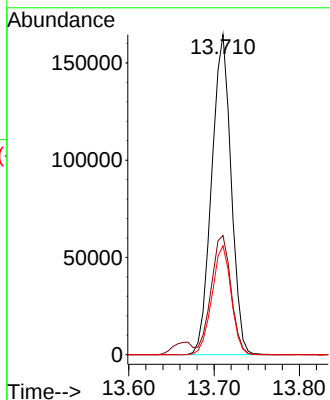
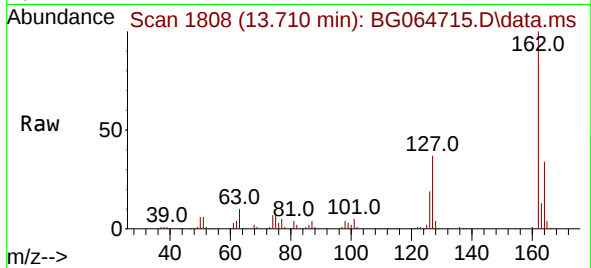




#47
2-Chloronaphthalene
Concen: 50.333 ng
RT: 13.710 min Scan# 1808
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

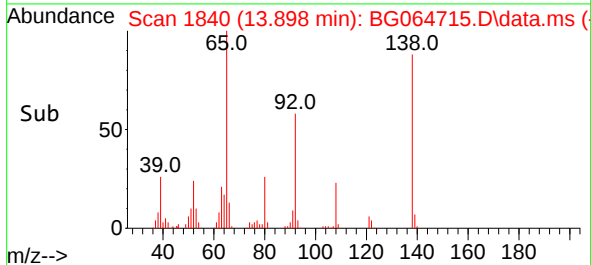
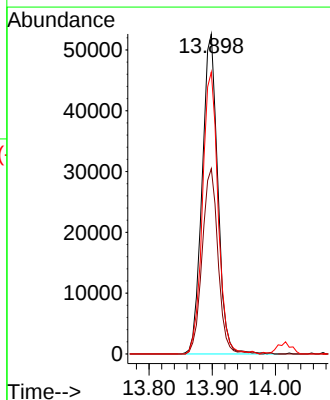
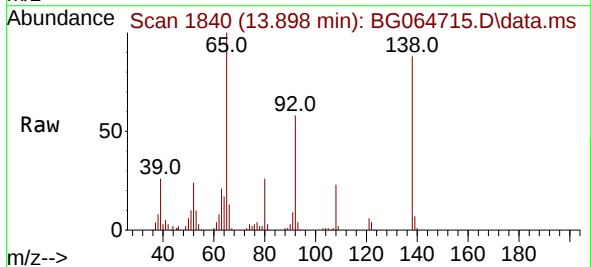
Instrument :
BNA_G
ClientSampleId :
PB170428BS

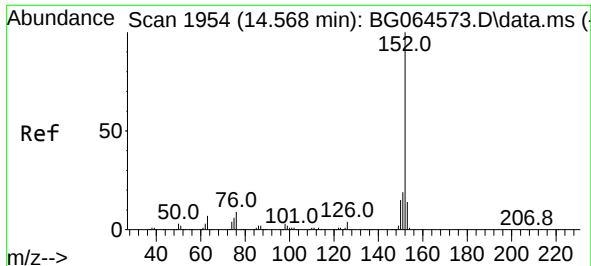
Tgt Ion:162 Resp: 260464
Ion Ratio Lower Upper
162 100
127 37.3 32.2 48.2
164 34.1 27.5 41.3



#48
2-Nitroaniline
Concen: 51.865 ng
RT: 13.898 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion: 65 Resp: 90585
Ion Ratio Lower Upper
65 100
92 57.9 48.3 72.5
138 88.1 74.9 112.3

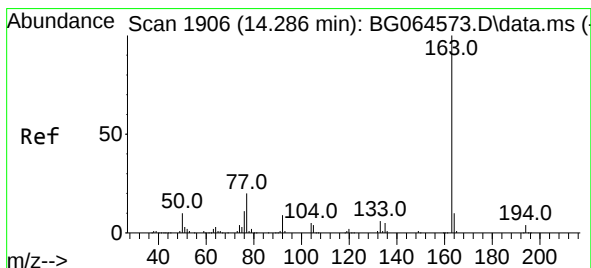
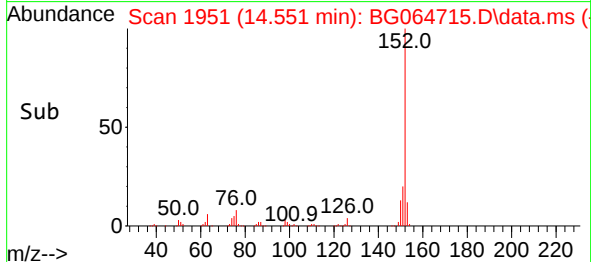
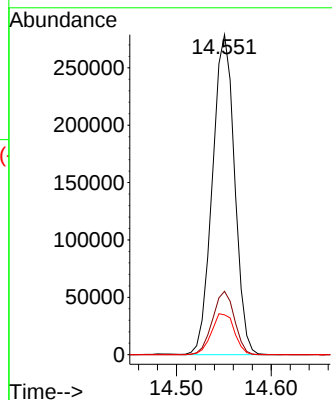
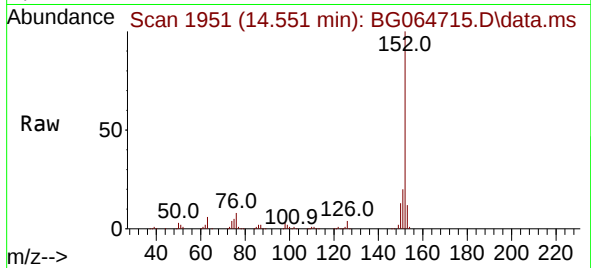




#49
Acenaphthylene
Concen: 55.460 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

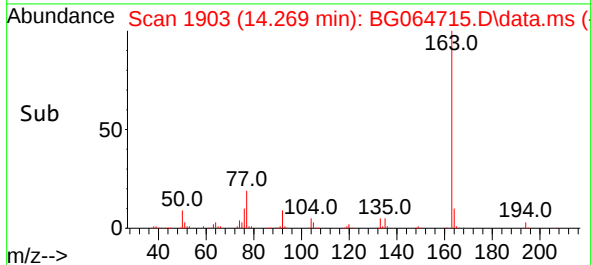
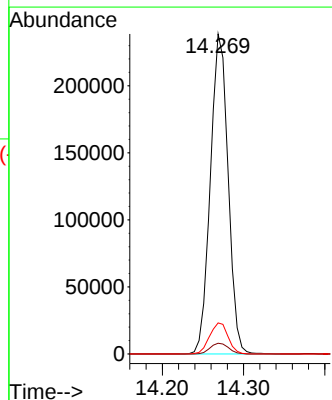
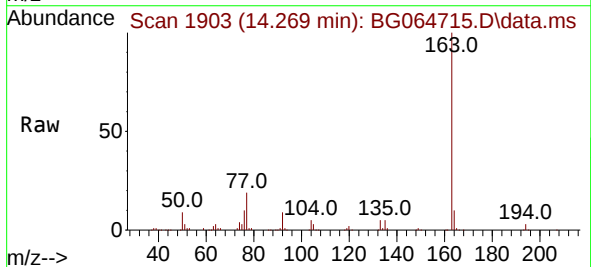
Instrument :
BNA_G
ClientSampleId :
PB170428BS

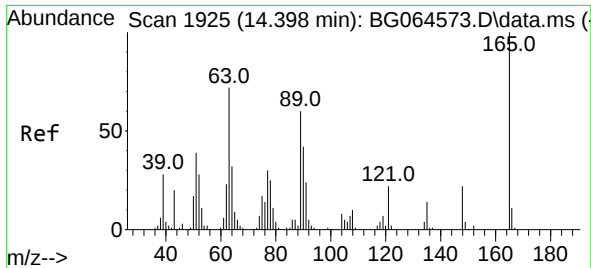
Tgt Ion:152 Resp: 452686
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 12.5 11.0 16.4



#50
Dimethylphthalate
Concen: 49.038 ng
RT: 14.269 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:163 Resp: 361849
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.7 7.7 11.5

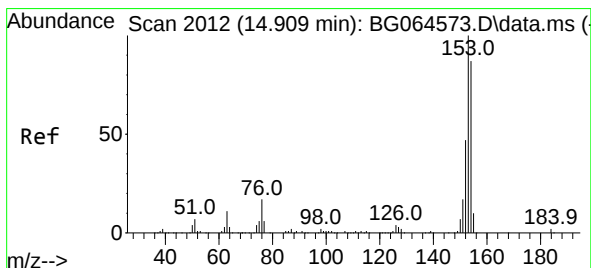
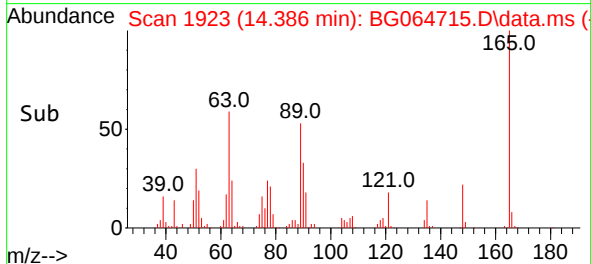
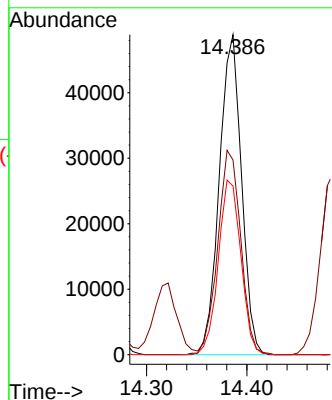
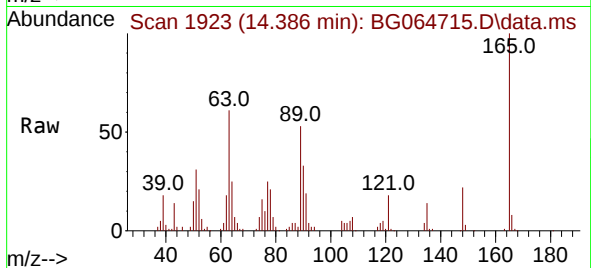




#51
2,6-Dinitrotoluene
Concen: 60.660 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

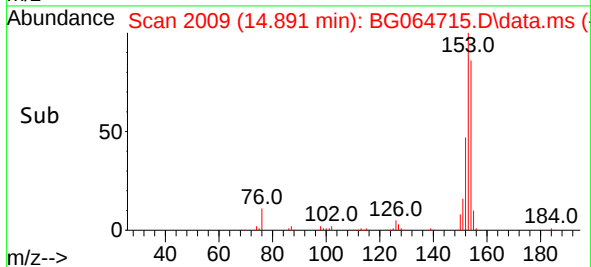
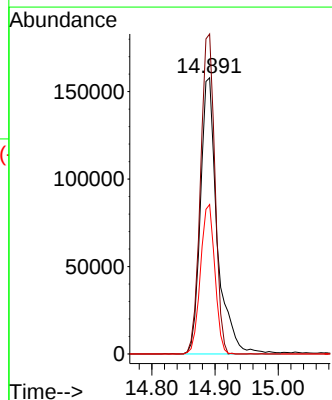
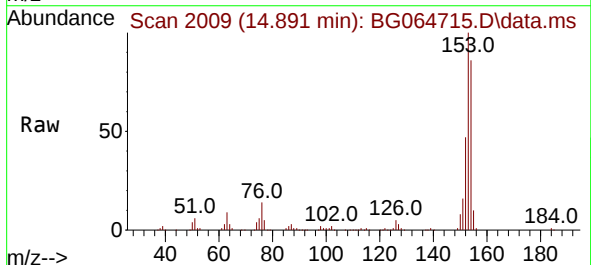
Instrument :
BNA_G
ClientSampleId :
PB170428BS

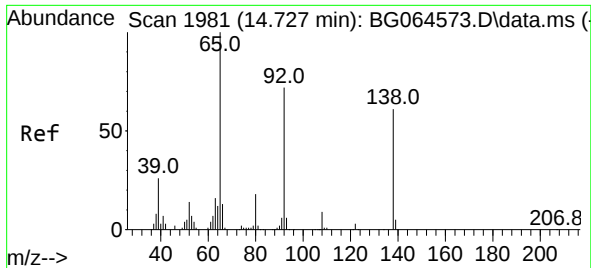
Tgt Ion:165 Resp: 74955
Ion Ratio Lower Upper
165 100
63 60.9 57.4 86.0
89 52.7 47.8 71.8



#52
Acenaphthene
Concen: 52.375 ng
RT: 14.891 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:154 Resp: 292078
Ion Ratio Lower Upper
154 100
153 115.9 92.2 138.4
152 54.1 43.2 64.8

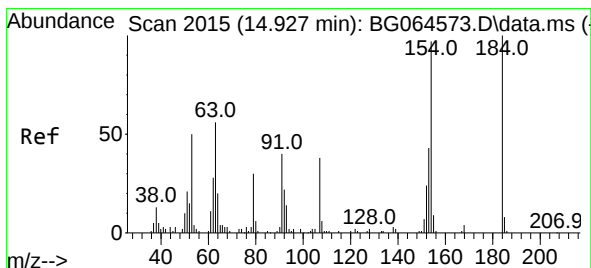
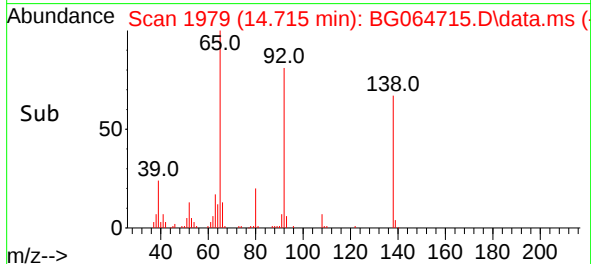
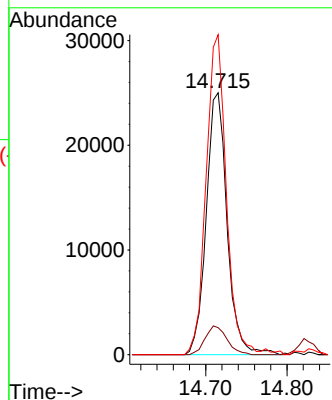
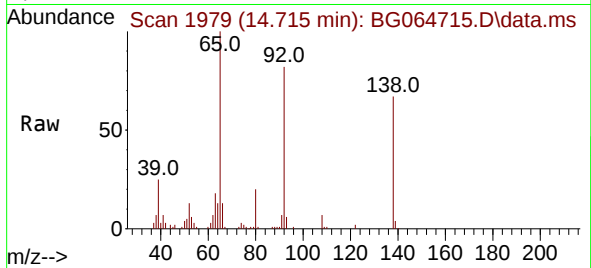




#53
3-Nitroaniline
Concen: 35.053 ng
RT: 14.715 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

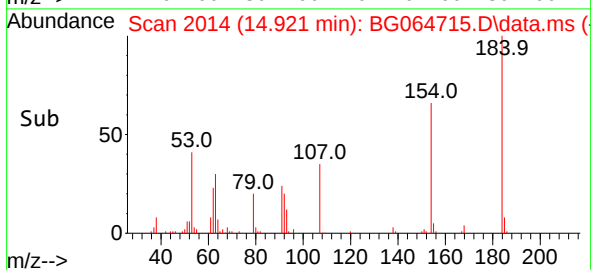
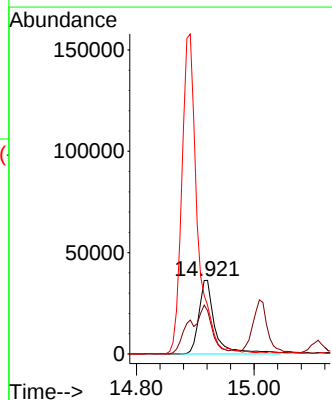
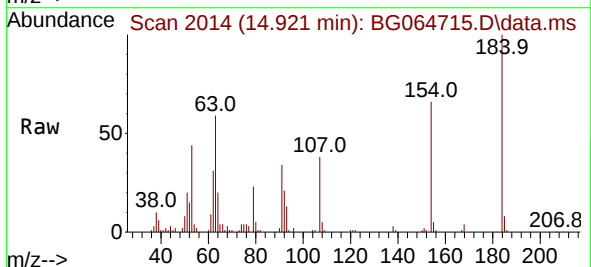
Instrument :
BNA_G
ClientSampleId :
PB170428BS

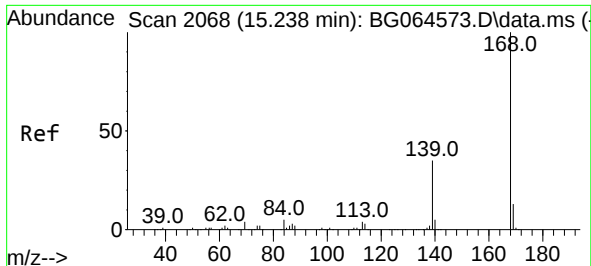
Tgt Ion:138 Resp: 44451
Ion Ratio Lower Upper
138 100
108 10.3 11.4 17.0#
92 122.2 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 92.299 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:184 Resp: 69646
Ion Ratio Lower Upper
184 100
63 58.9 56.6 85.0
154 66.0 158.6 238.0#

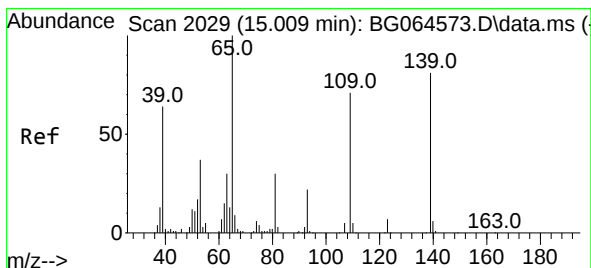
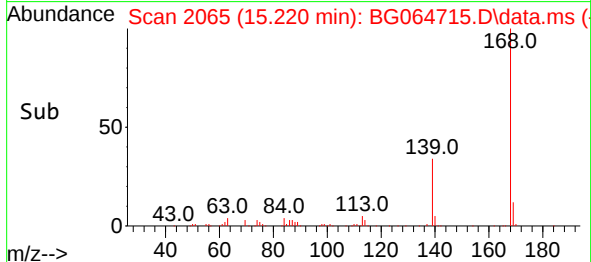
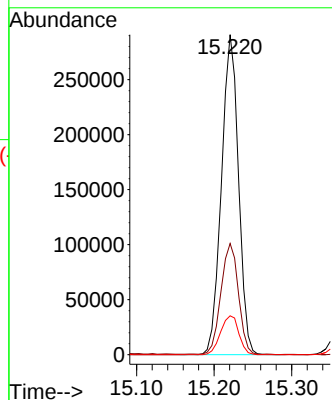
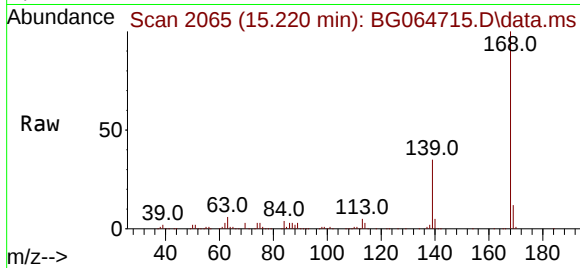




#55
Dibenzofuran
Concen: 49.267 ng
RT: 15.220 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

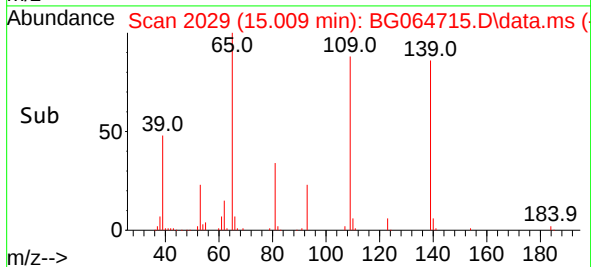
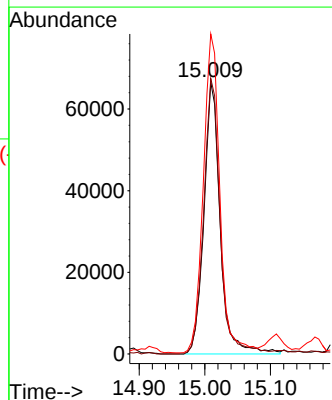
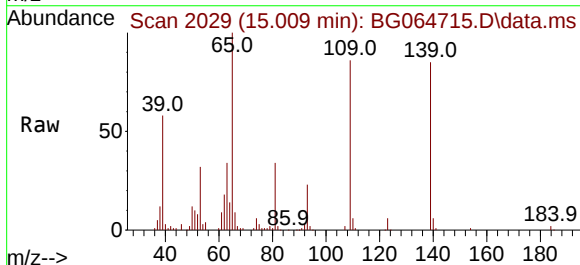
Instrument :
BNA_G
ClientSampleId :
PB170428BS

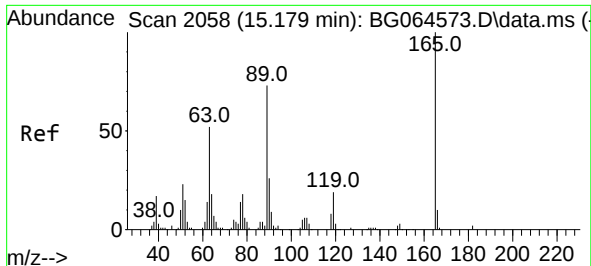
Tgt Ion:168 Resp: 444182
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 12.2 10.3 15.5



#56
4-Nitrophenol
Concen: 98.085 ng
RT: 15.009 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:139 Resp: 115321
Ion Ratio Lower Upper
139 100
109 101.5 67.8 107.8
65 117.8 103.7 143.7





#57

2,4-Dinitrotoluene

Concen: 58.339 ng

RT: 15.168 min Scan# 2056

Delta R.T. -0.011 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

Tgt Ion:165 Resp: 111145

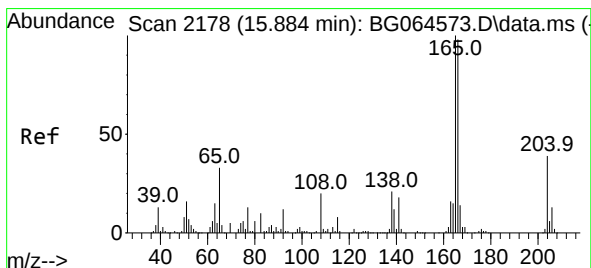
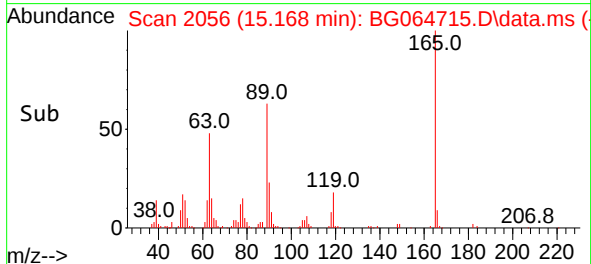
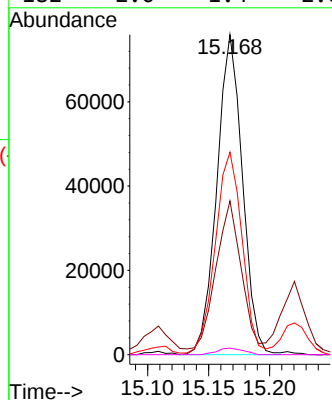
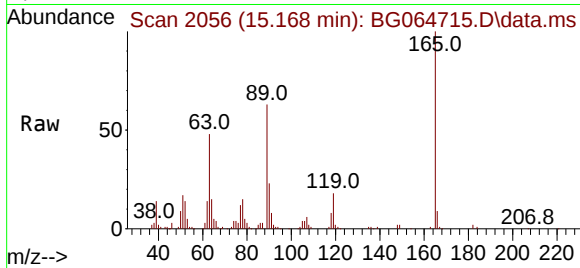
Ion Ratio Lower Upper

165 100

63 48.0 41.8 62.8

89 63.3 58.1 87.1

182 2.0 1.4 2.0



#58

Fluorene

Concen: 49.588 ng

RT: 15.867 min Scan# 2175

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

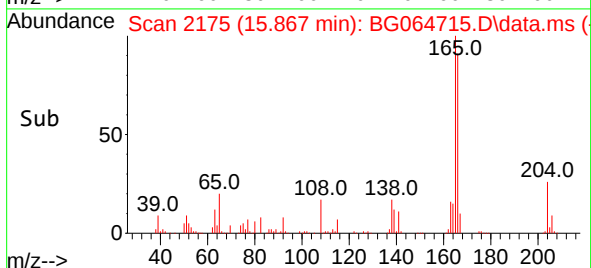
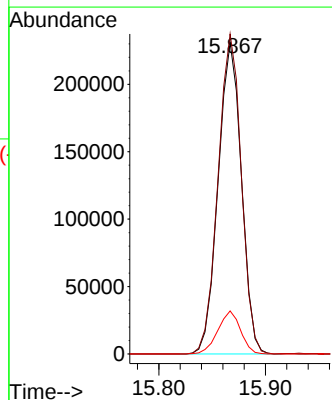
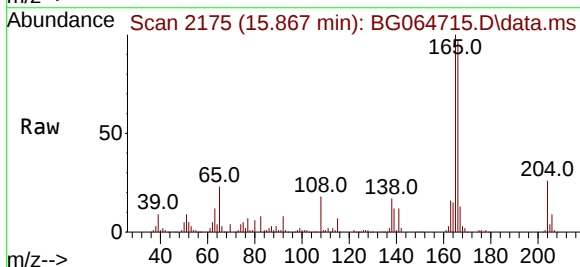
Tgt Ion:166 Resp: 349152

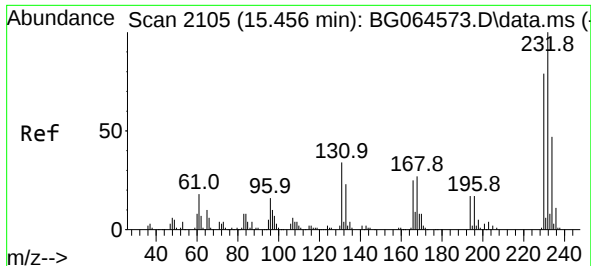
Ion Ratio Lower Upper

166 100

165 102.7 81.5 122.3

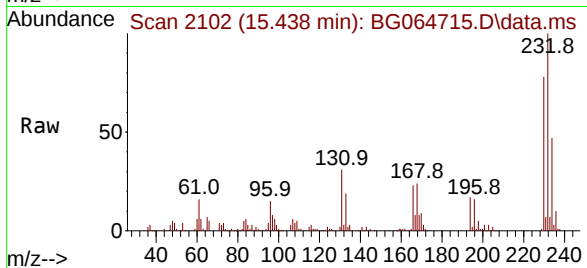
167 13.8 11.4 17.0



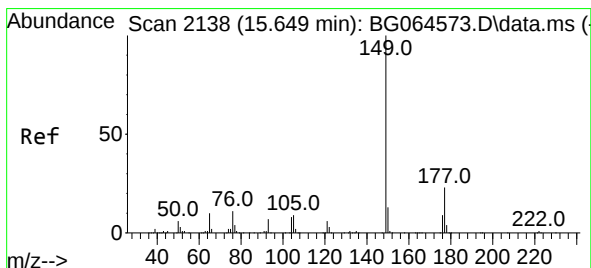
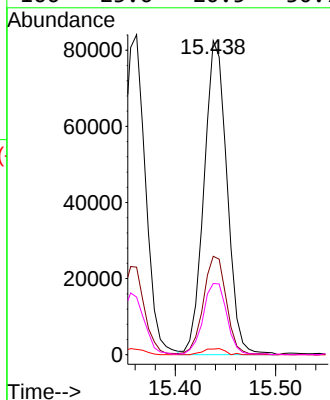
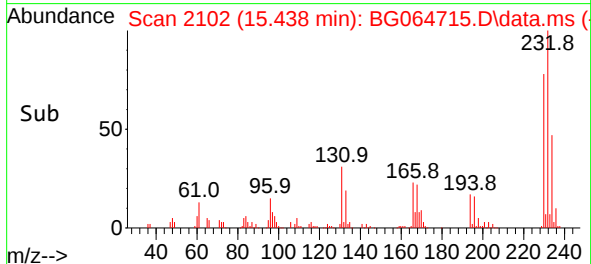


#59
2,3,4,6-Tetrachlorophenol
Concen: 64.361 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

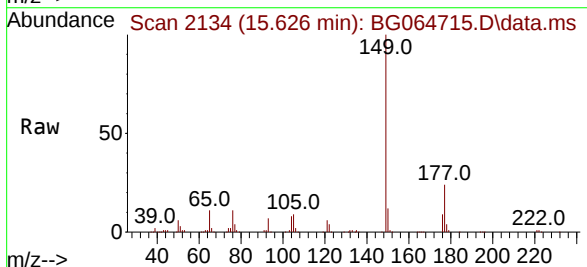
Instrument :
BNA_G
ClientSampleId :
PB170428BS



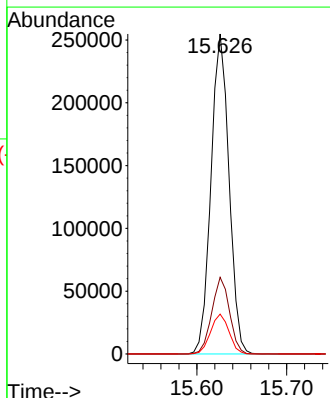
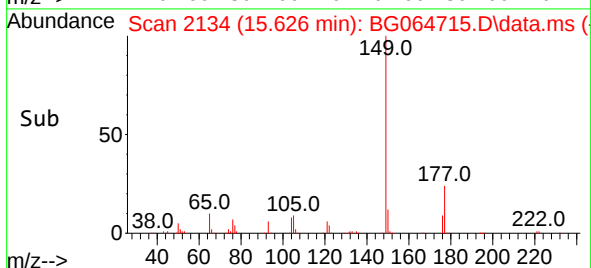
Tgt Ion:232 Resp: 131478
Ion Ratio Lower Upper
232 100
131 31.5 26.7 40.1
130 1.9 1.6 2.4
166 23.6 20.5 30.7

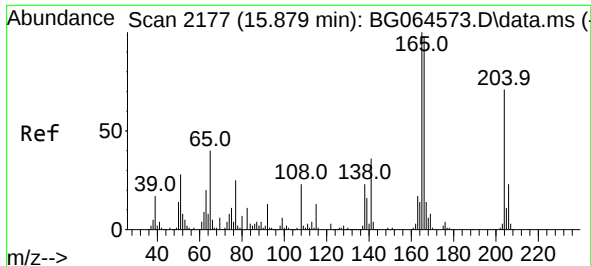


#60
Diethylphthalate
Concen: 47.057 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12



Tgt Ion:149 Resp: 354546
Ion Ratio Lower Upper
149 100
177 23.9 18.0 27.0
150 12.4 10.2 15.4

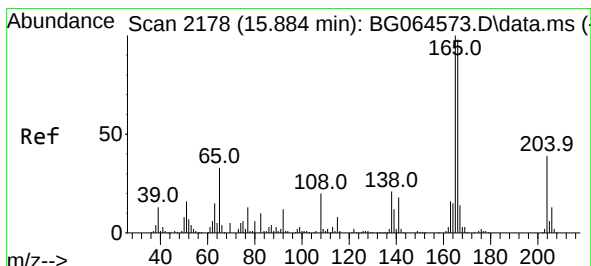
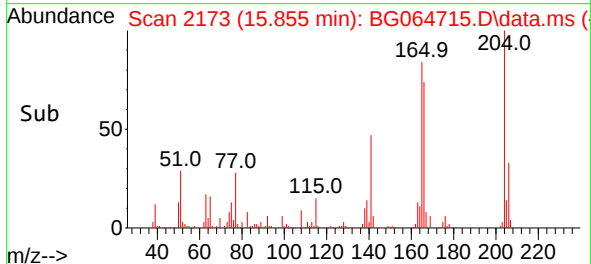
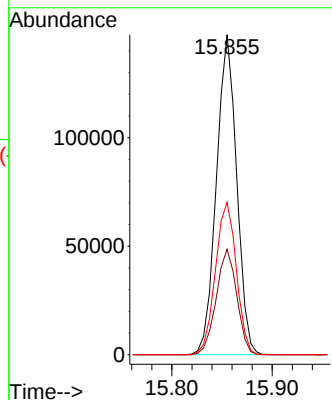
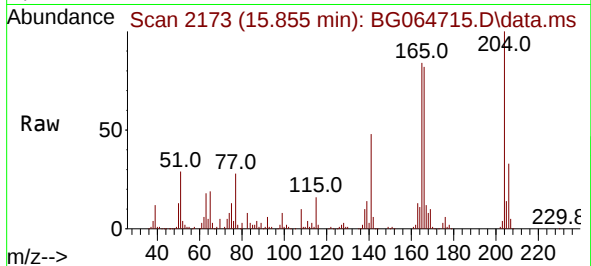




#61
4-Chlorophenyl-phenylether
Concen: 52.185 ng
RT: 15.855 min Scan# 2175
Delta R.T. -0.024 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

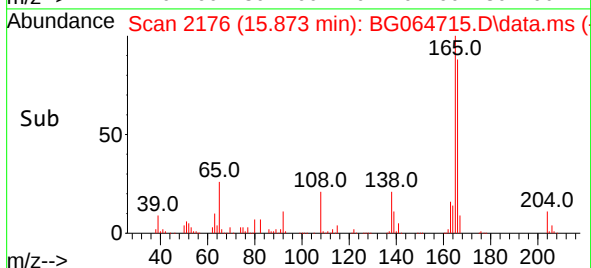
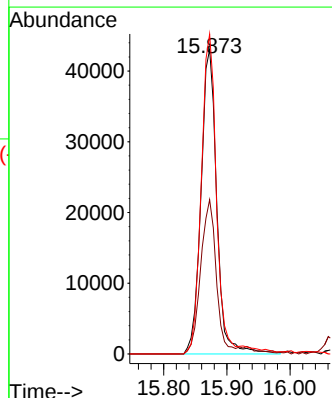
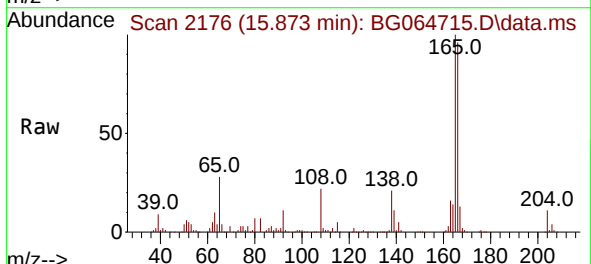
Instrument :
BNA_G
ClientSampleId :
PB170428BS

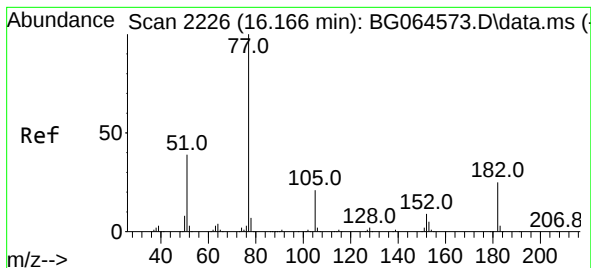
Tgt Ion:204 Resp: 206204
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 47.6 40.6 60.8



#62
4-Nitroaniline
Concen: 53.184 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:138 Resp: 75031
Ion Ratio Lower Upper
138 100
92 50.6 36.1 76.1
108 105.0 75.6 115.6





#63

Azobenzene

Concen: 44.144 ng

RT: 16.149 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

Tgt Ion: 77 Resp: 305164

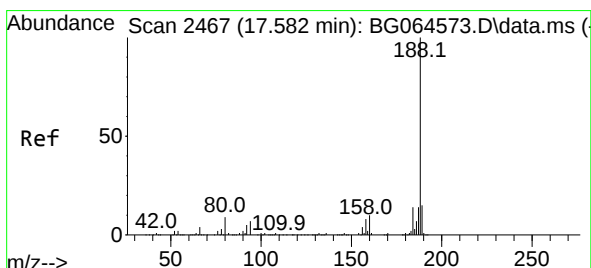
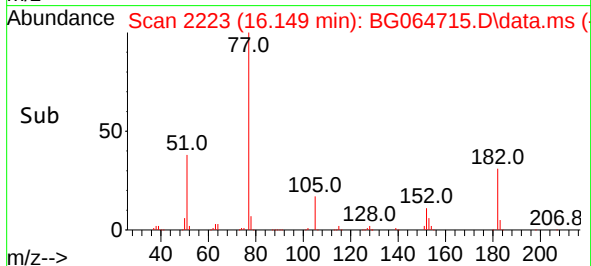
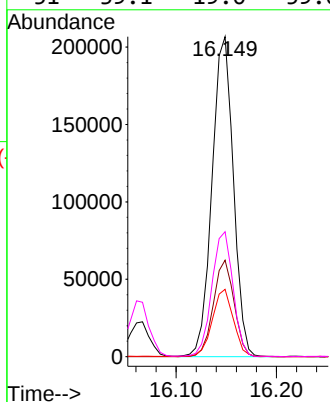
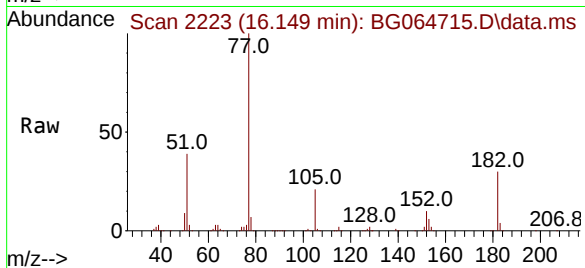
Ion Ratio Lower Upper

77 100

182 30.2 4.9 44.9

105 21.0 1.3 41.3

51 39.1 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.559 min Scan# 2463

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

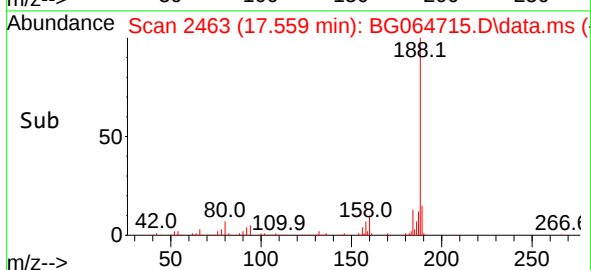
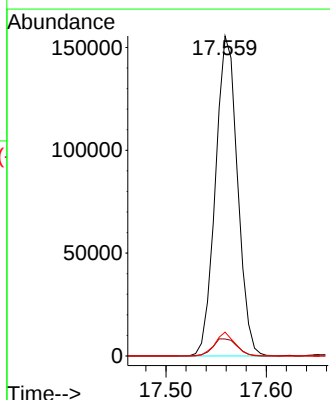
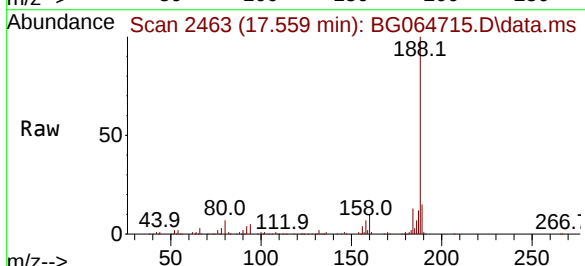
Tgt Ion:188 Resp: 237705

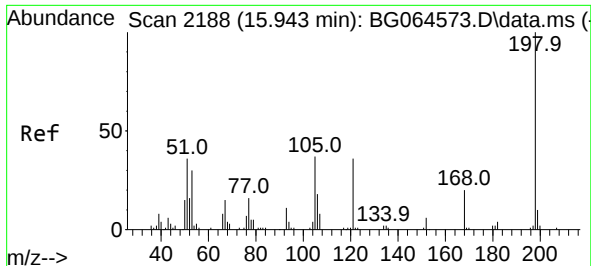
Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

80 7.5 6.8 10.2

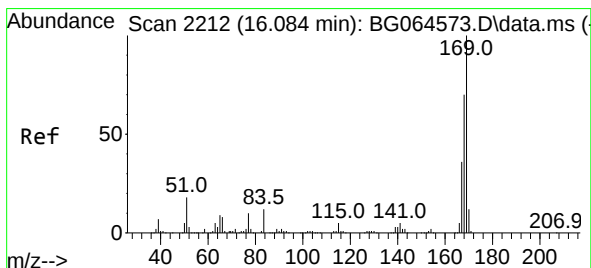
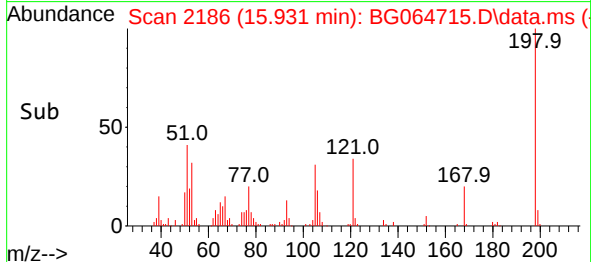
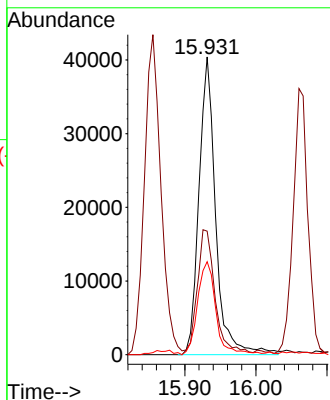
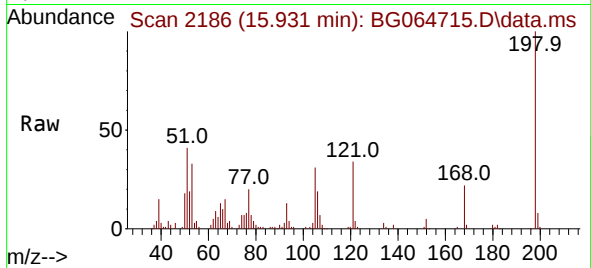




#65
4,6-Dinitro-2-methylphenol
Concen: 61.550 ng
RT: 15.931 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

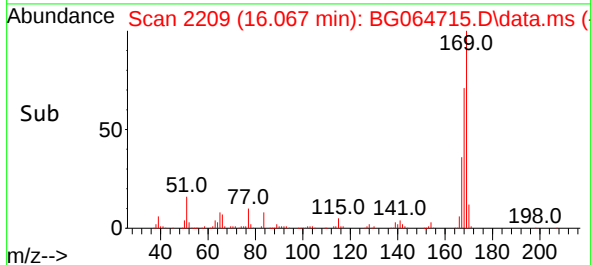
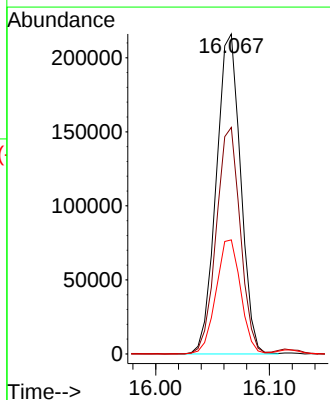
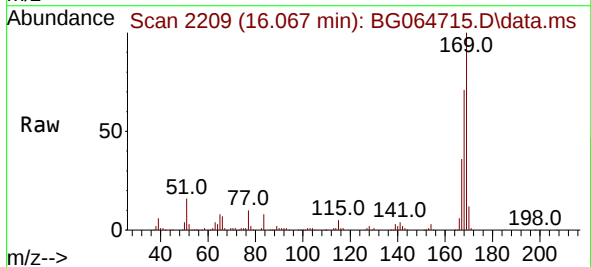
Instrument :
BNA_G
ClientSampleId :
PB170428BS

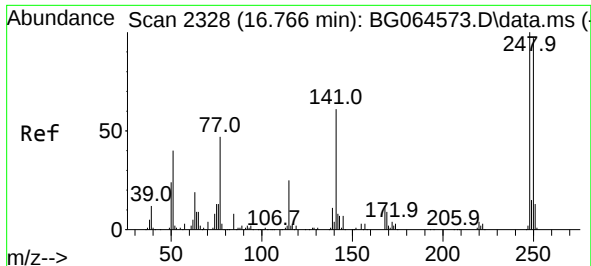
Tgt Ion:198 Resp: 66187
Ion Ratio Lower Upper
198 100
51 41.5 24.7 64.7
105 31.2 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 50.125 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

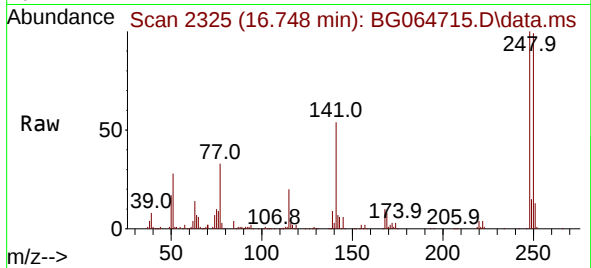
Tgt Ion:169 Resp: 321854
Ion Ratio Lower Upper
169 100
168 70.8 56.3 84.5
167 35.7 29.0 43.6



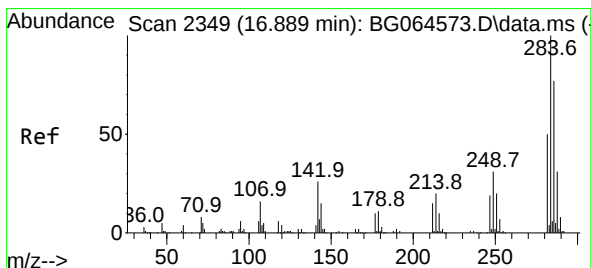
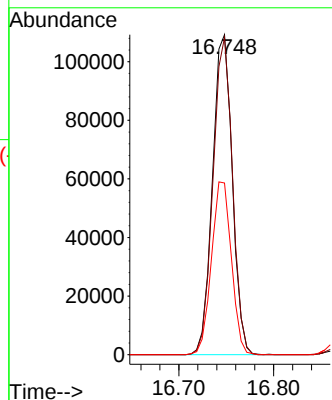
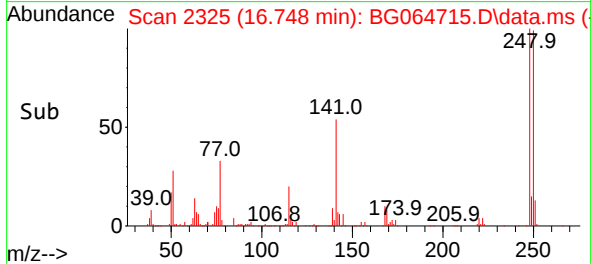


#67
4-Bromophenyl-phenylether
Concen: 56.038 ng
RT: 16.748 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

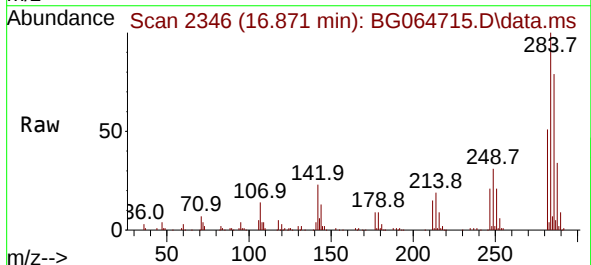
Instrument :
BNA_G
ClientSampleId :
PB170428BS



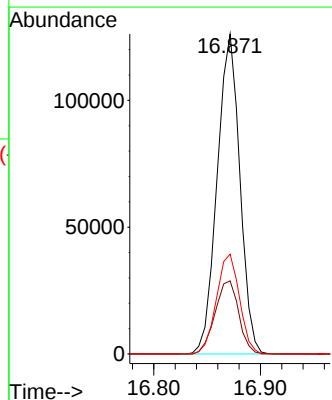
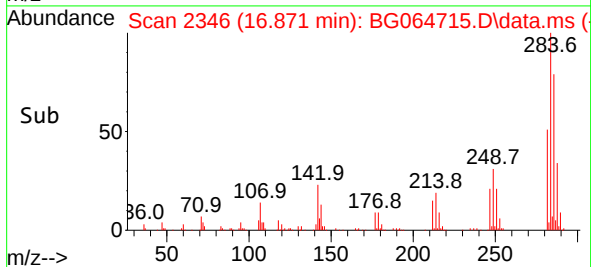
Tgt Ion:248 Resp: 157853
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 53.7 48.6 72.8

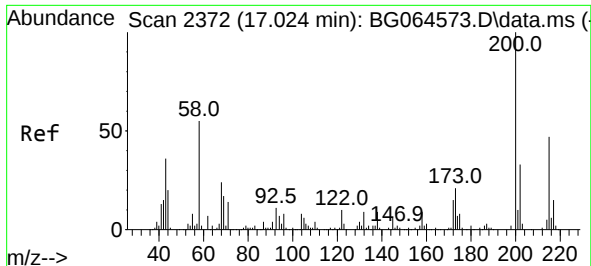


#68
Hexachlorobenzene
Concen: 57.919 ng
RT: 16.871 min Scan# 2346
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12



Tgt Ion:284 Resp: 186130
Ion Ratio Lower Upper
284 100
142 22.8 21.0 31.6
249 33.3 24.9 37.3

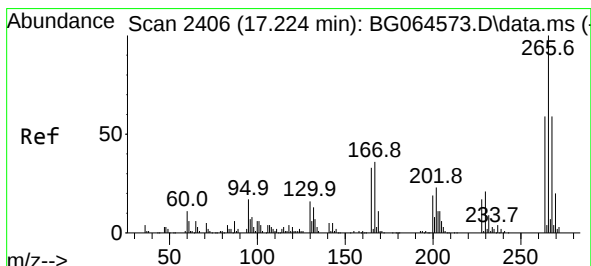
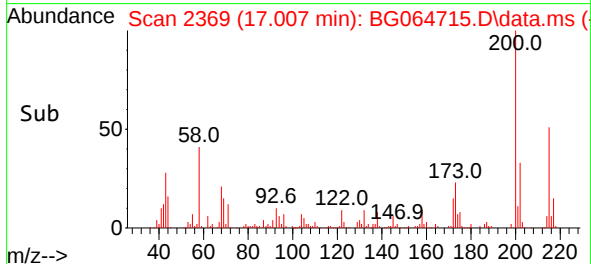
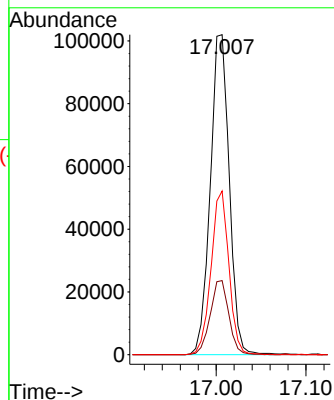
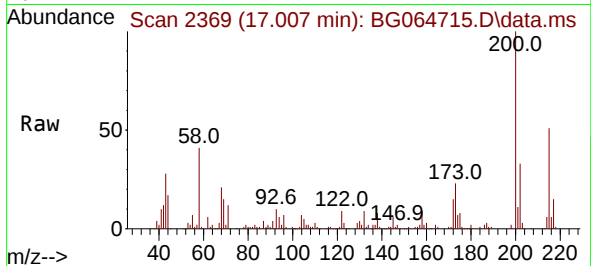




#69
Atrazine
Concen: 54.128 ng
RT: 17.007 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

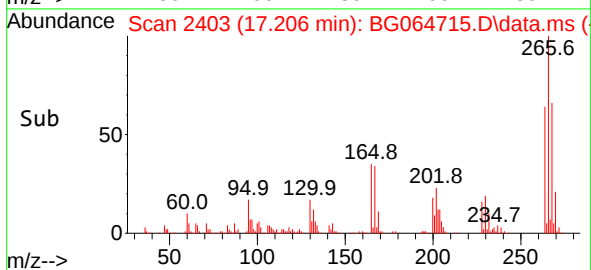
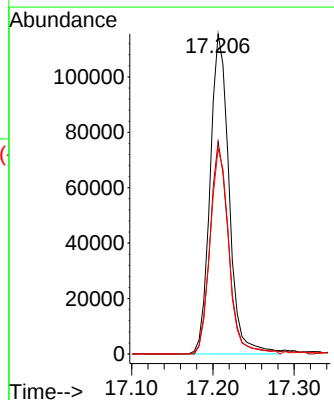
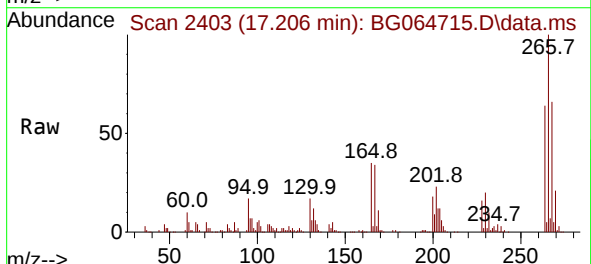
Instrument :
BNA_G
ClientSampleId :
PB170428BS

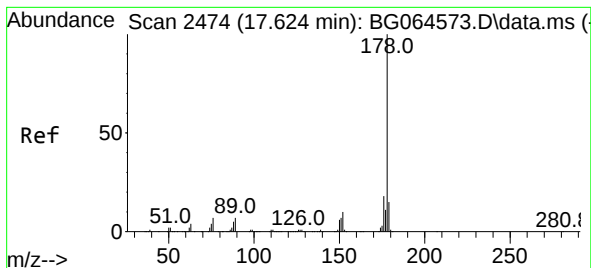
Tgt Ion:200 Resp: 149568
Ion Ratio Lower Upper
200 100
173 23.2 0.9 40.9
215 51.2 27.0 67.0



#70
Pentachlorophenol
Concen: 93.520 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:266 Resp: 187411
Ion Ratio Lower Upper
266 100
268 71.1 50.3 75.5
264 69.2 47.3 70.9





#71

Phenanthrene

Concen: 49.522 ng

RT: 17.606 min Scan# 2471

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

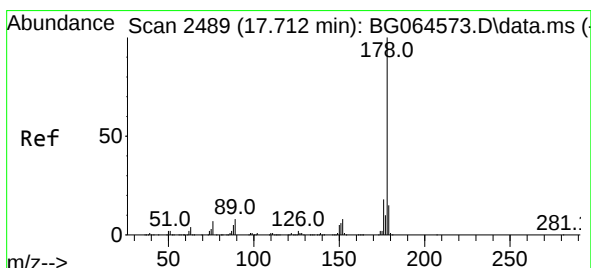
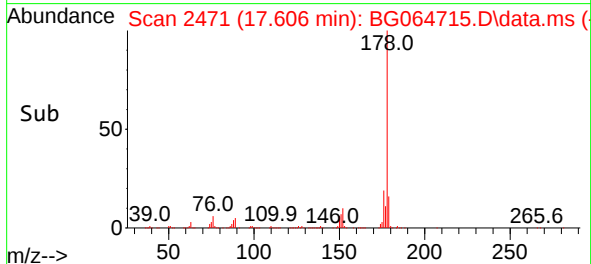
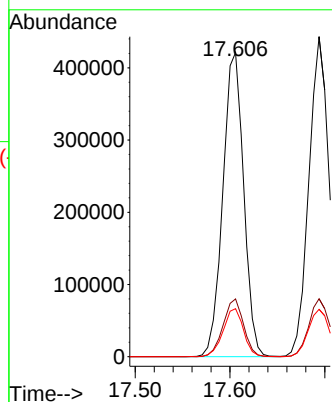
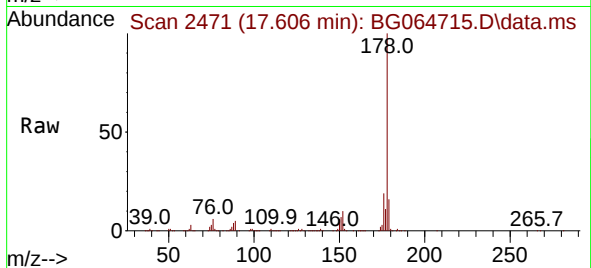
Tgt Ion:178 Resp: 643748

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.8 12.2 18.4



#72

Anthracene

Concen: 49.722 ng

RT: 17.694 min Scan# 2486

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

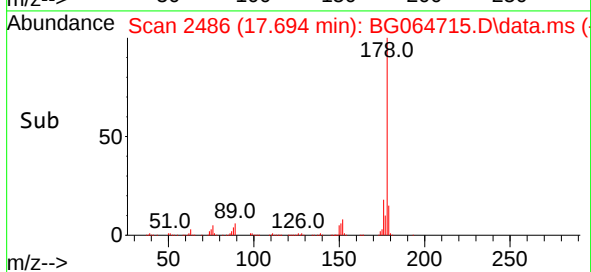
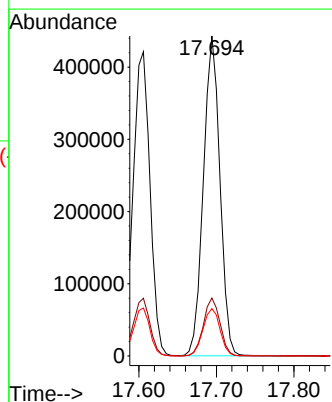
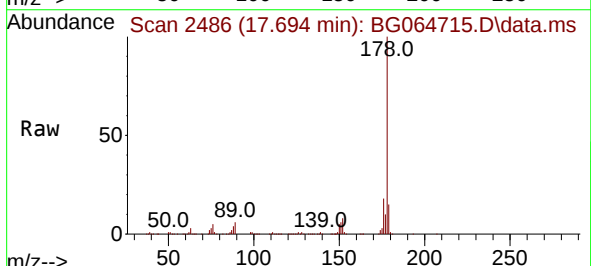
Tgt Ion:178 Resp: 657481

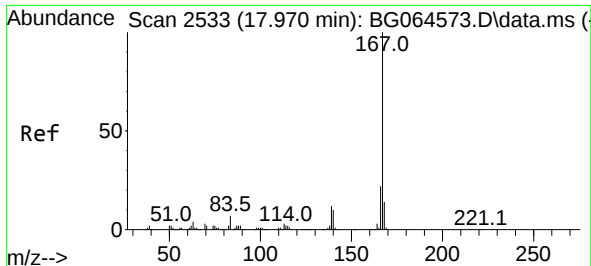
Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

179 14.8 12.4 18.6

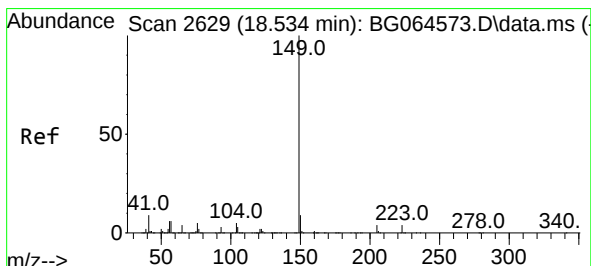
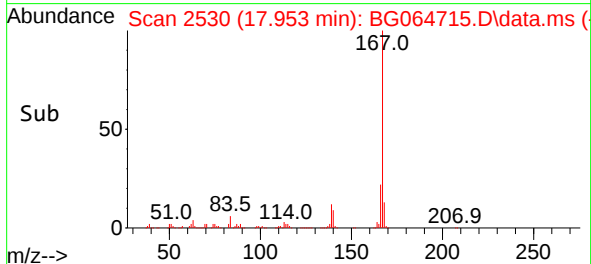
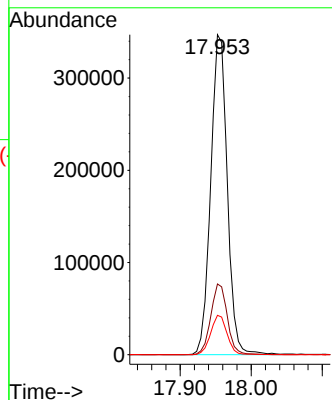
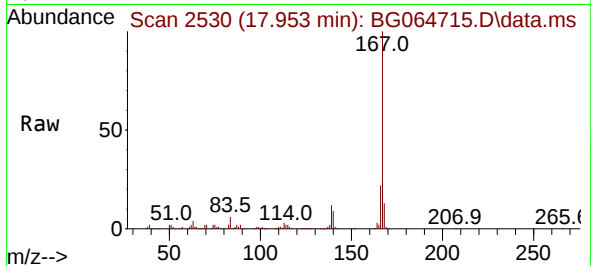




#73
 Carbazole
 Concen: 48.231 ng
 RT: 17.953 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG064715.D
 Acq: 7 Nov 2025 13:12

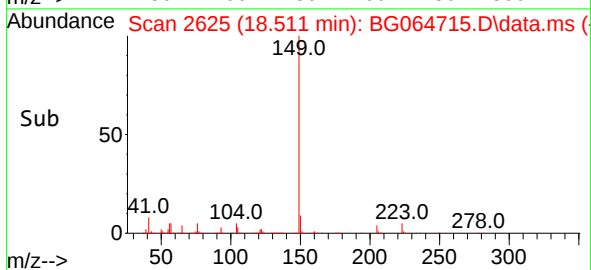
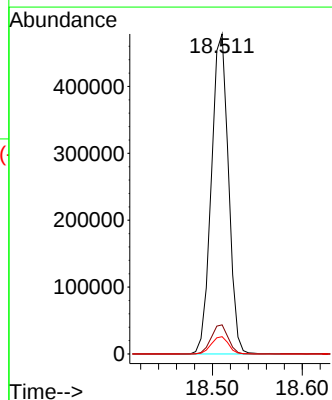
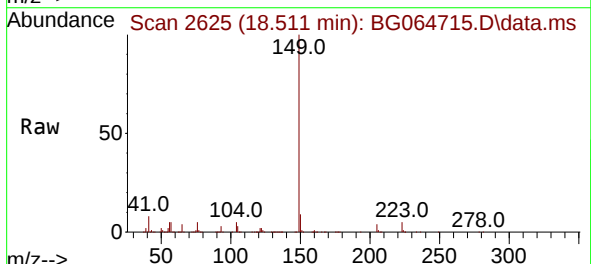
Instrument :
 BNA_G
 ClientSampleId :
 PB170428BS

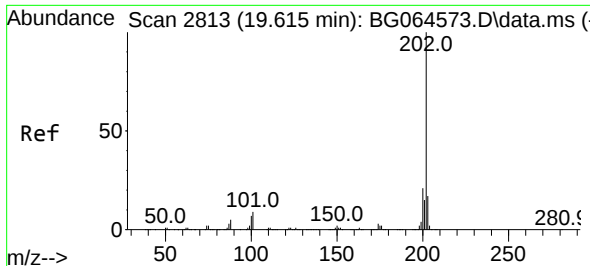
Tgt Ion:167 Resp: 562395
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 12.3 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 46.913 ng
 RT: 18.511 min Scan# 2625
 Delta R.T. -0.024 min
 Lab File: BG064715.D
 Acq: 7 Nov 2025 13:12

Tgt Ion:149 Resp: 632564
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 5.4 4.1 6.1

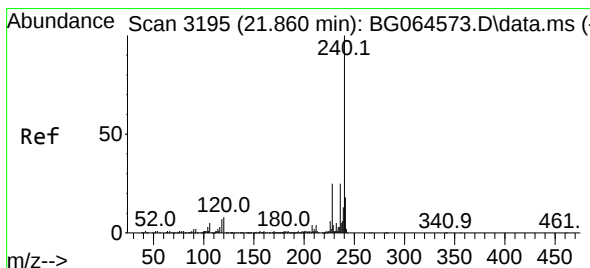
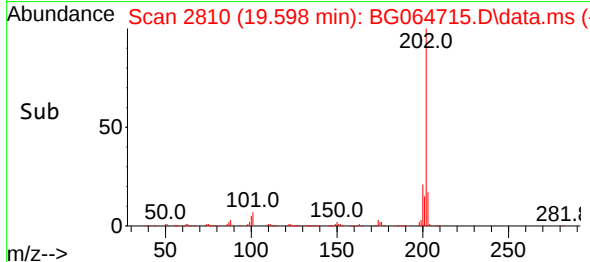
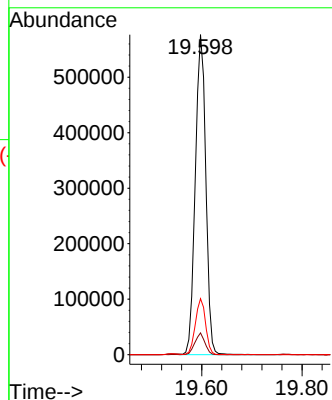
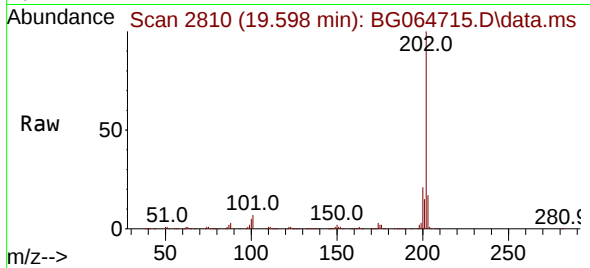




#75
Fluoranthene
Concen: 51.392 ng
RT: 19.598 min Scan# 2810
Delta R.T. -0.018 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

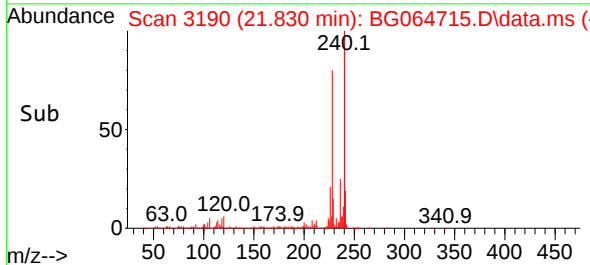
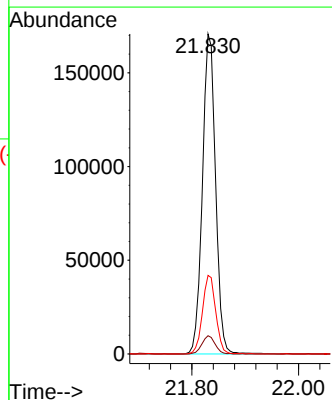
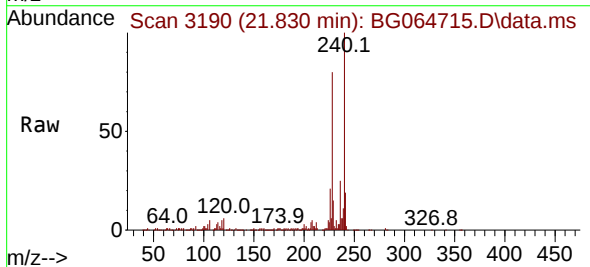
Instrument :
BNA_G
ClientSampleId :
PB170428BS

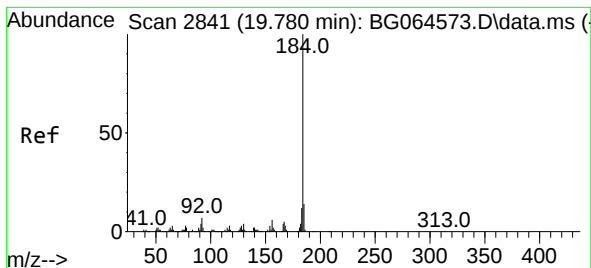
Tgt Ion:202 Resp: 836890
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.7
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:240 Resp: 291572
Ion Ratio Lower Upper
240 100
120 5.7 6.5 9.7#
236 24.6 20.2 30.2





#77

Benzidine

Concen: 41.398 ng

RT: 19.768 min Scan# 2839

Delta R.T. -0.012 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

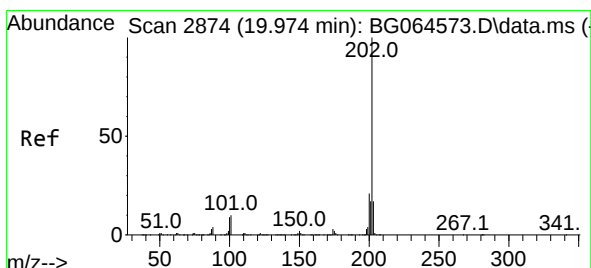
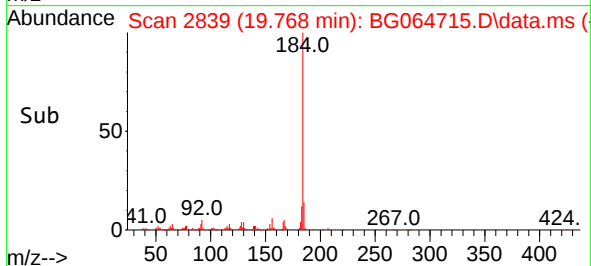
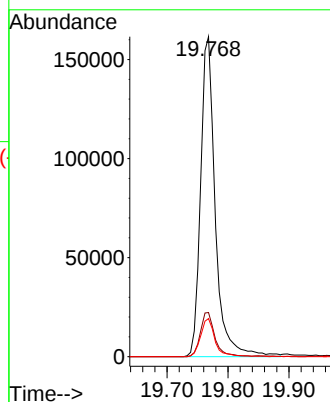
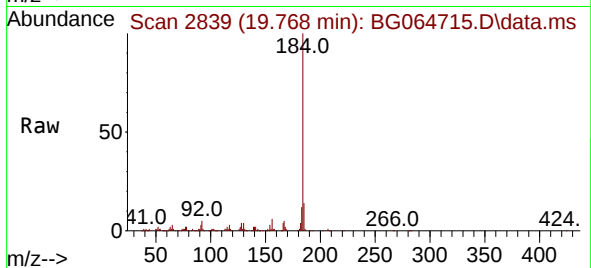
Tgt Ion:184 Resp: 270431

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.2

183 11.9 9.4 14.2



#78

Pyrene

Concen: 45.210 ng

RT: 19.956 min Scan# 2871

Delta R.T. -0.018 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

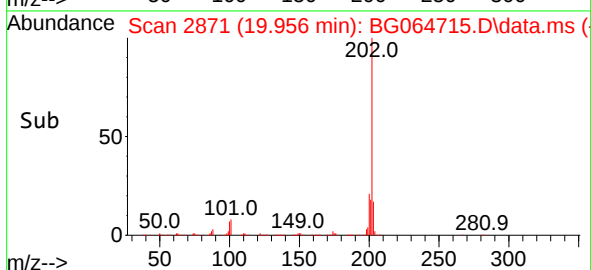
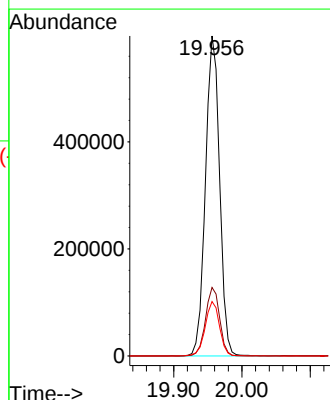
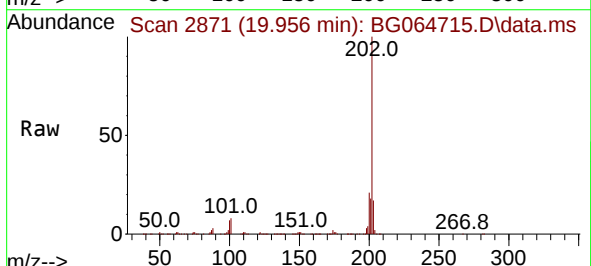
Tgt Ion:202 Resp: 861239

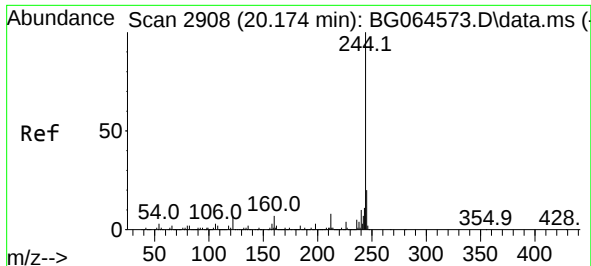
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.0 13.8 20.6

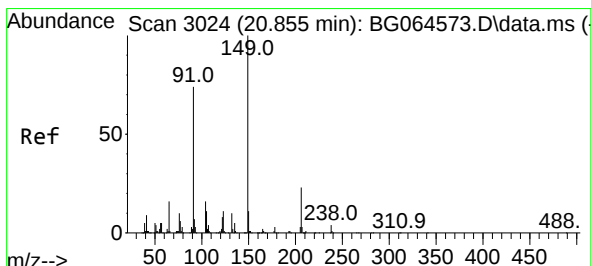
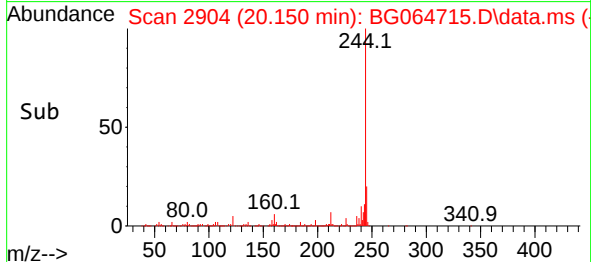
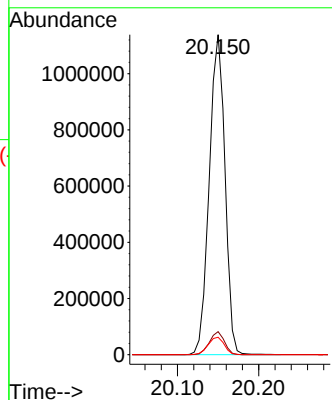
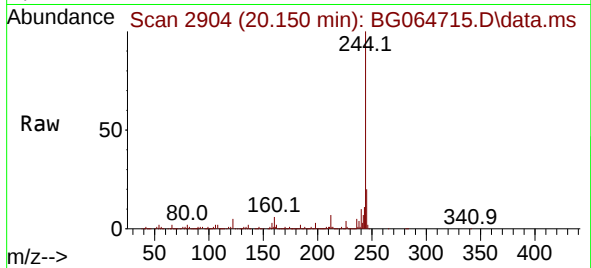




#79
 Terphenyl-d14
 Concen: 98.823 ng
 RT: 20.150 min Scan# 2908
 Delta R.T. -0.024 min
 Lab File: BG064715.D
 Acq: 7 Nov 2025 13:12

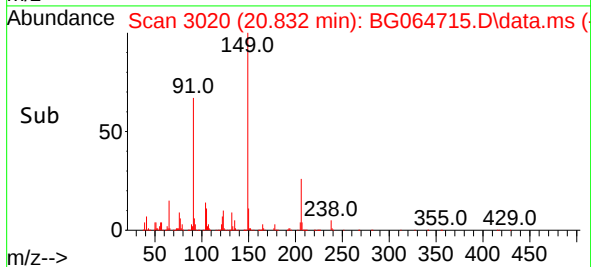
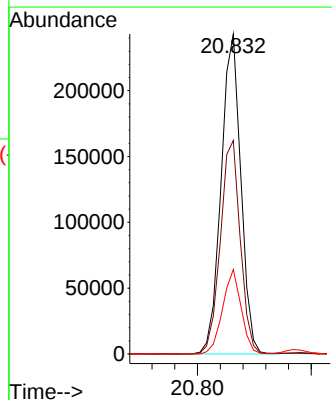
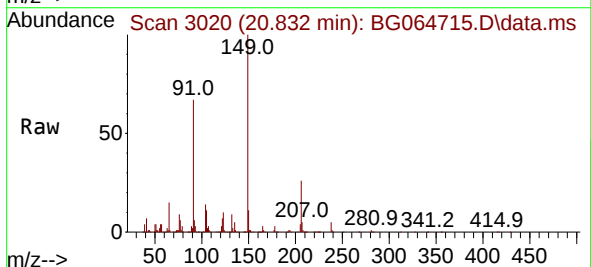
Instrument :
 BNA_G
 ClientSampleId :
 PB170428BS

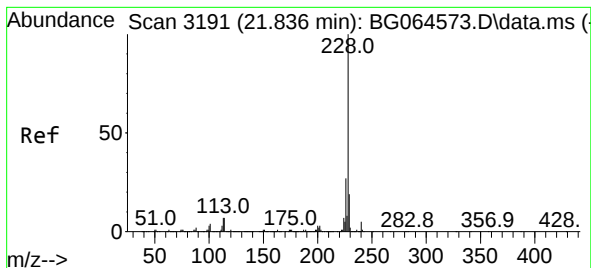
Tgt Ion:244 Resp: 1526841
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.4 5.6 8.4#



#80
 Butylbenzylphthalate
 Concen: 50.837 ng
 RT: 20.832 min Scan# 3020
 Delta R.T. -0.024 min
 Lab File: BG064715.D
 Acq: 7 Nov 2025 13:12

Tgt Ion:149 Resp: 292697
 Ion Ratio Lower Upper
 149 100
 91 66.7 59.2 88.8
 206 26.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 51.275 ng

RT: 21.813 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

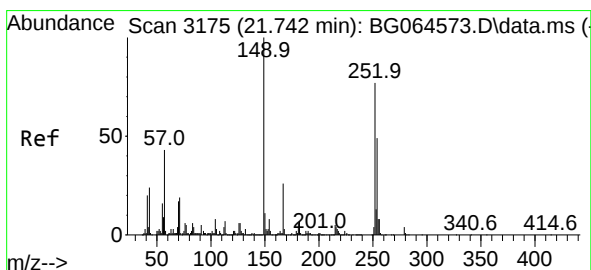
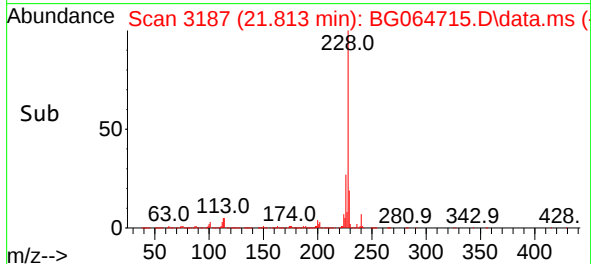
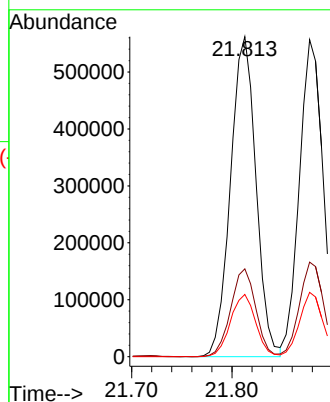
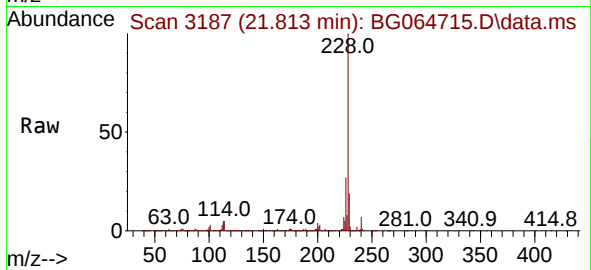
Tgt Ion:228 Resp: 991295

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 31.869 ng

RT: 21.719 min Scan# 3171

Delta R.T. -0.024 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

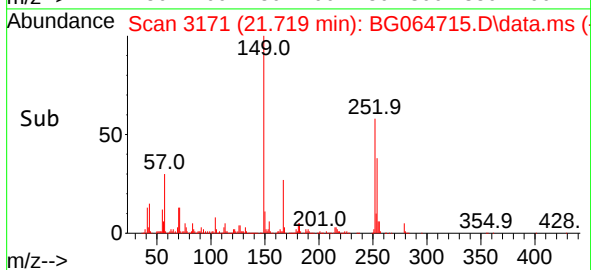
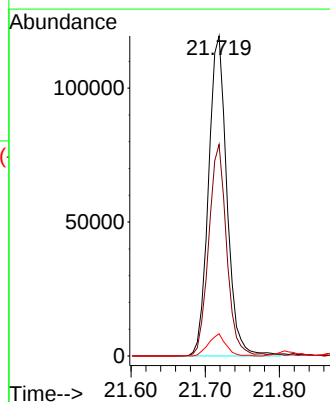
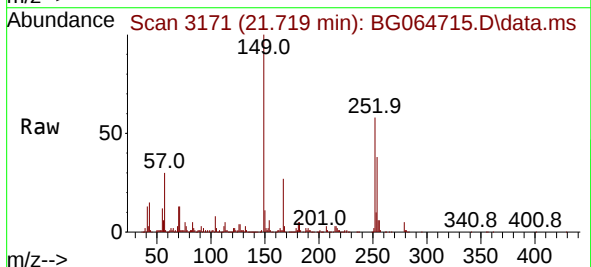
Tgt Ion:252 Resp: 205739

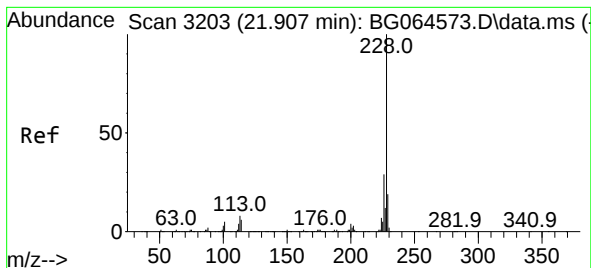
Ion Ratio Lower Upper

252 100

254 66.1 50.8 76.2

126 6.9 5.8 8.6





#83

Chrysene

Concen: 49.559 ng

RT: 21.877 min Scan# 311

Delta R.T. -0.029 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

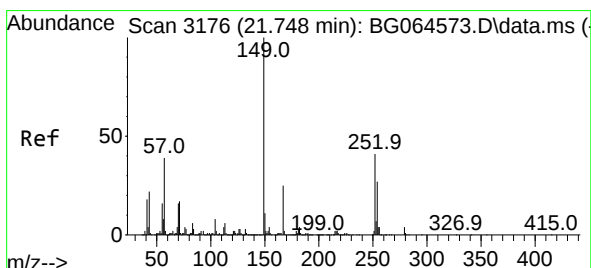
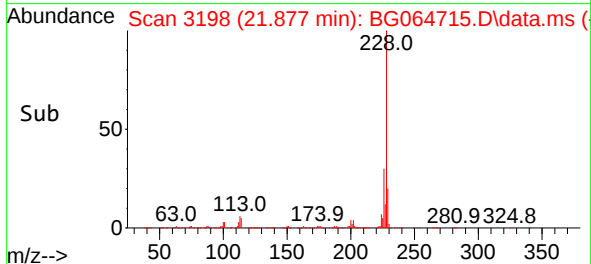
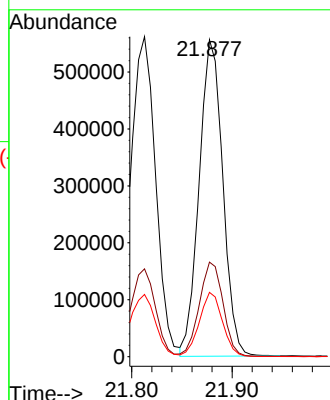
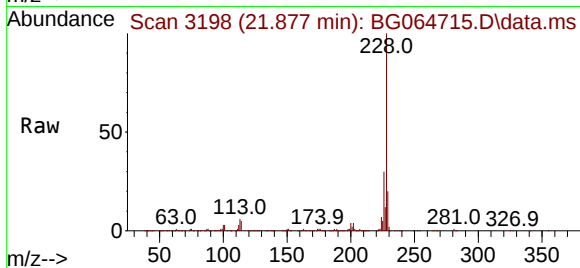
Instrument :

BNA_G

ClientSampleId :

PB170428BS

Tgt Ion:228	Resp: 911665
Ion Ratio	Lower Upper
228 100	
226 29.8	23.3 34.9
229 20.3	15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.476 ng

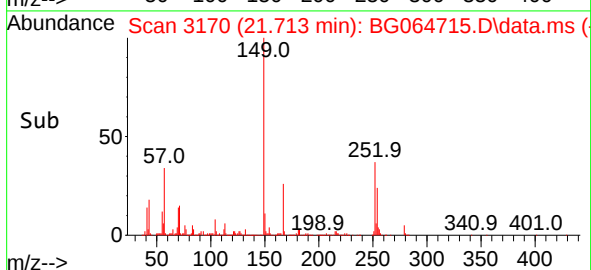
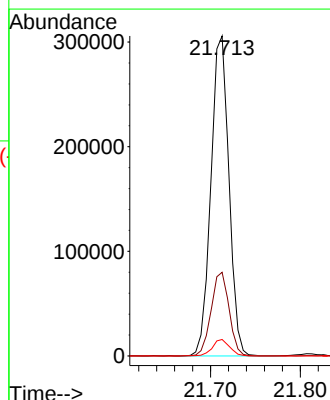
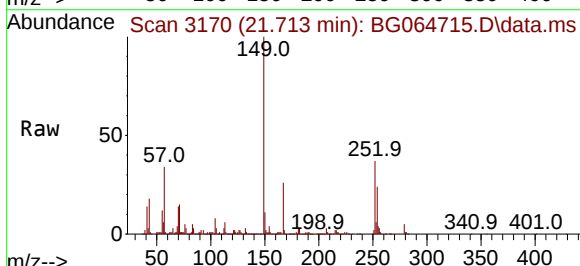
RT: 21.713 min Scan# 3170

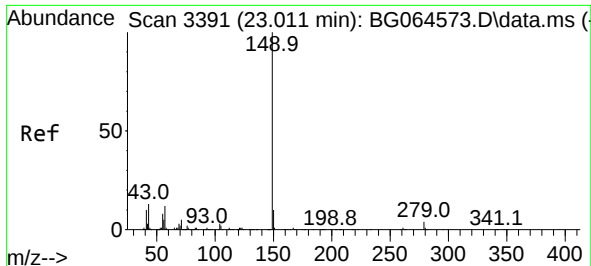
Delta R.T. -0.035 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Tgt Ion:149	Resp:	425651	
Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.0	30.0
279	5.2	3.1	4.7#

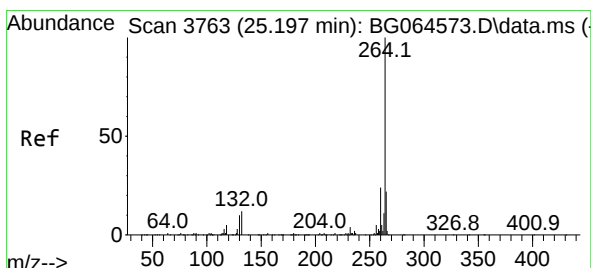
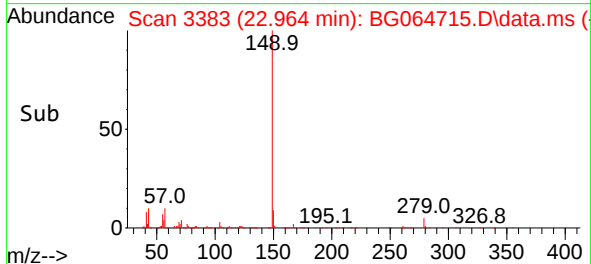
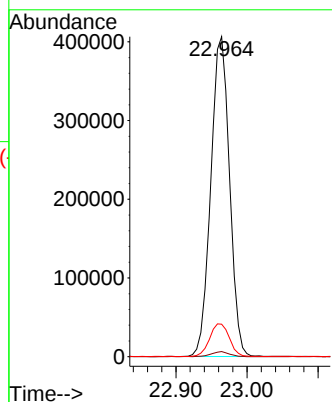
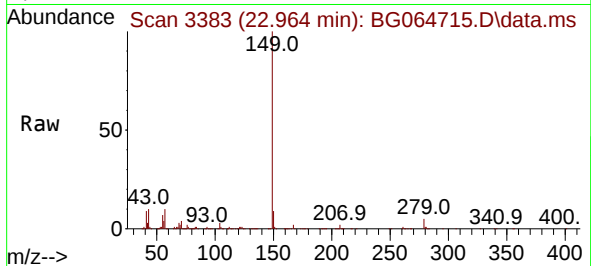




#85
Di-n-octyl phthalate
Concen: 51.162 ng
RT: 22.964 min Scan# 31
Delta R.T. -0.047 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

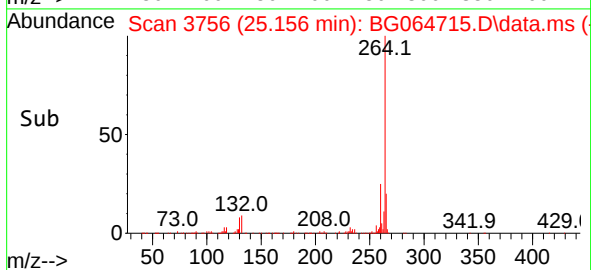
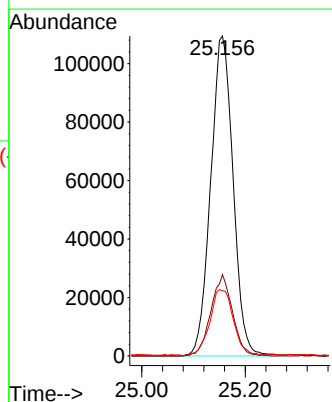
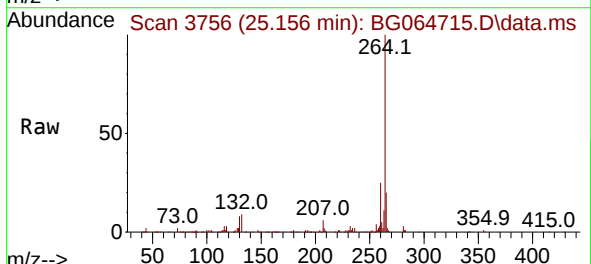
Instrument :
BNA_G
ClientSampleId :
PB170428BS

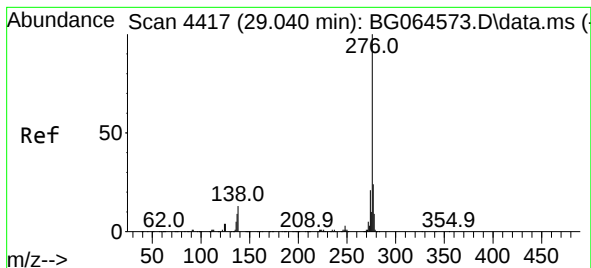
Tgt Ion:149 Resp: 742088
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.156 min Scan# 3756
Delta R.T. -0.041 min
Lab File: BG064715.D
Acq: 7 Nov 2025 13:12

Tgt Ion:264 Resp: 328588
Ion Ratio Lower Upper
264 100
260 25.4 19.0 28.4
265 20.4 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.926 ng

RT: 28.969 min Scan# 4417

Delta R.T. -0.071 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

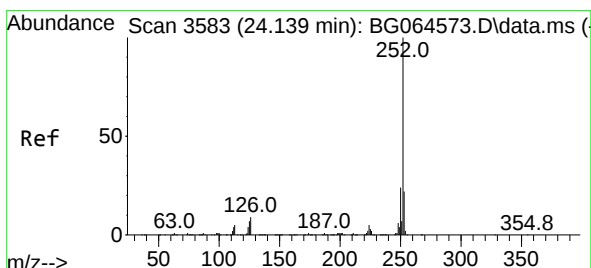
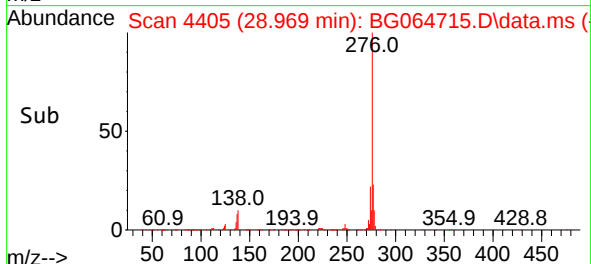
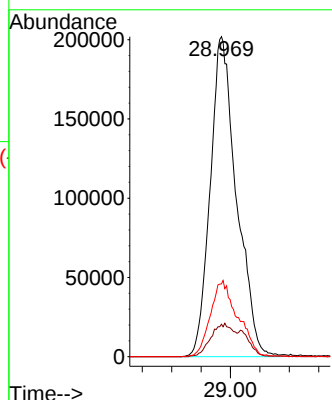
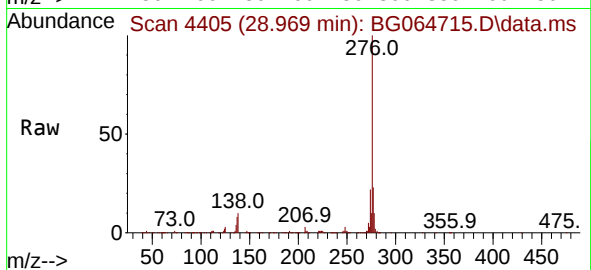
Tgt Ion:276 Resp: 1255164

Ion Ratio Lower Upper

276 100

138 5.1 10.8 16.2#

277 24.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.892 ng

RT: 24.104 min Scan# 3577

Delta R.T. -0.035 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

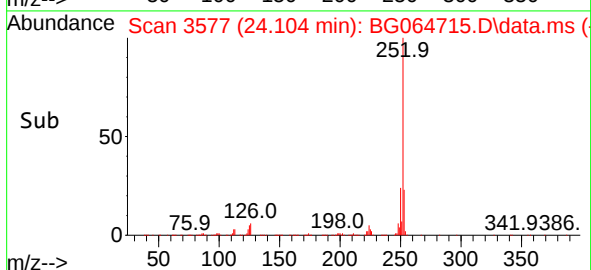
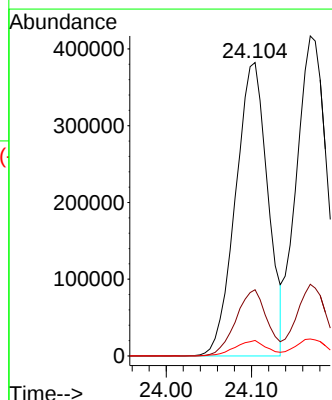
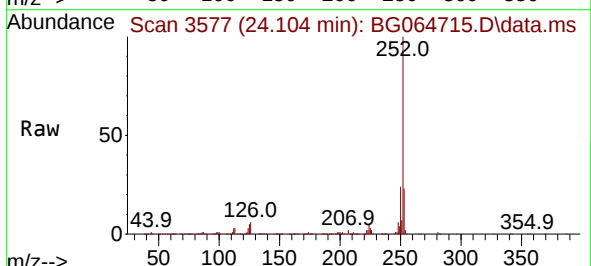
Tgt Ion:252 Resp: 1005265

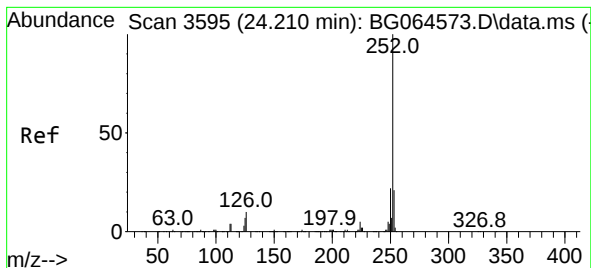
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 5.3 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 52.030 ng

RT: 24.169 min Scan# 3

Delta R.T. -0.041 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

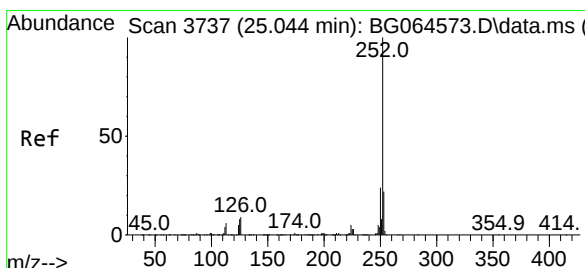
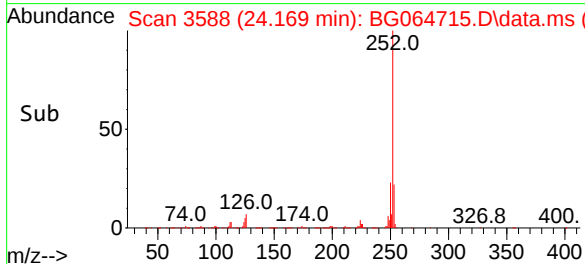
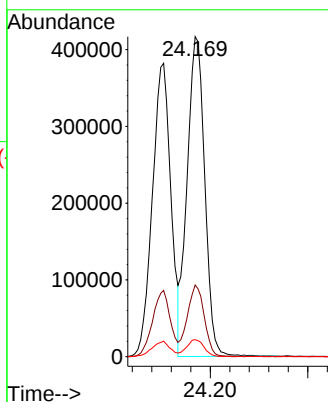
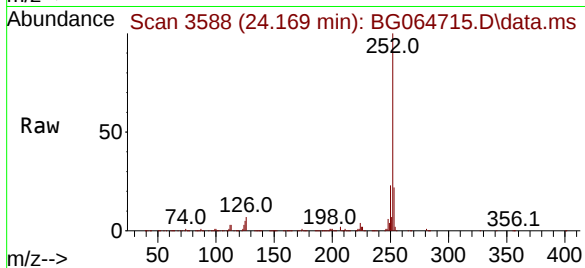
Tgt Ion:252 Resp: 1049071

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

125 5.3 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 52.852 ng

RT: 25.003 min Scan# 3730

Delta R.T. -0.041 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

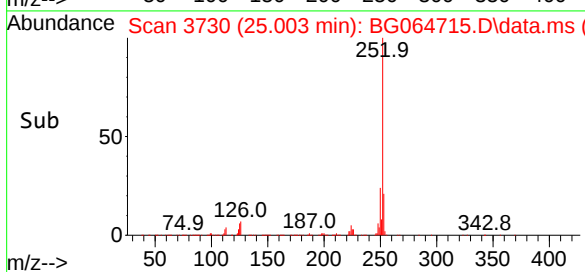
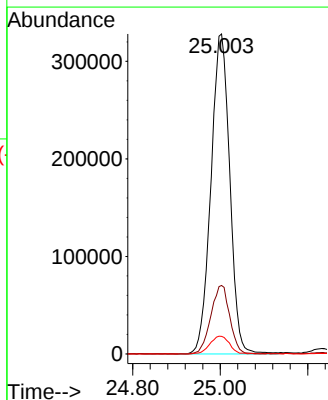
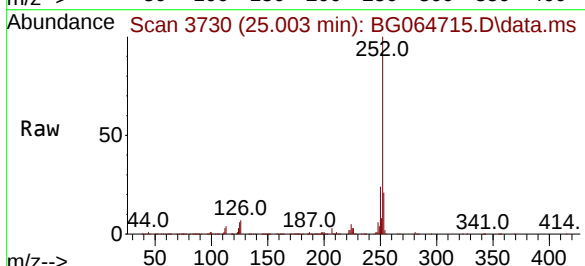
Tgt Ion:252 Resp: 978884

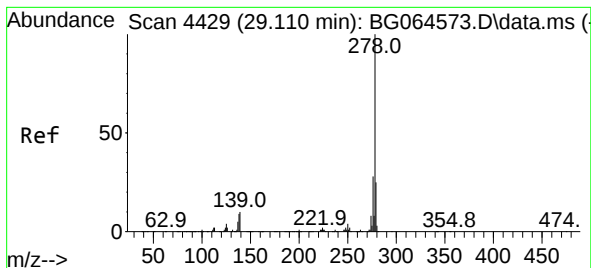
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 5.5 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 52.050 ng

RT: 29.045 min Scan# 4418

Delta R.T. -0.065 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Instrument :

BNA_G

ClientSampleId :

PB170428BS

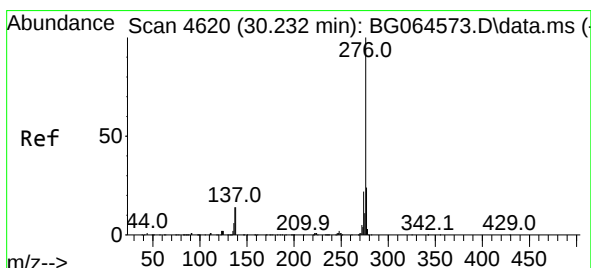
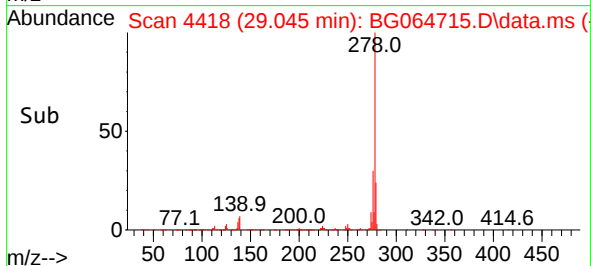
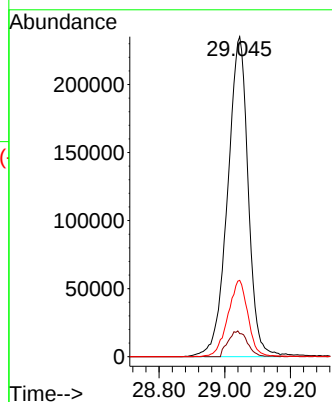
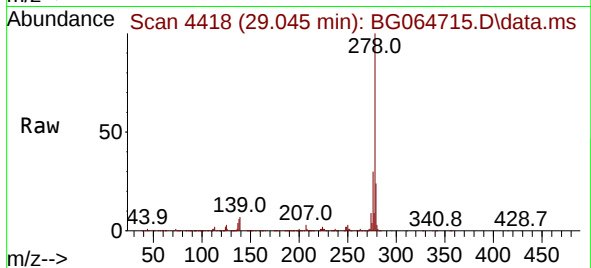
Tgt Ion:278 Resp: 1022149

Ion Ratio Lower Upper

278 100

139 7.2 8.0 12.0#

279 23.9 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 52.693 ng

RT: 30.168 min Scan# 4609

Delta R.T. -0.065 min

Lab File: BG064715.D

Acq: 7 Nov 2025 13:12

Tgt Ion:276 Resp: 988499

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 10.6 11.3 16.9#

